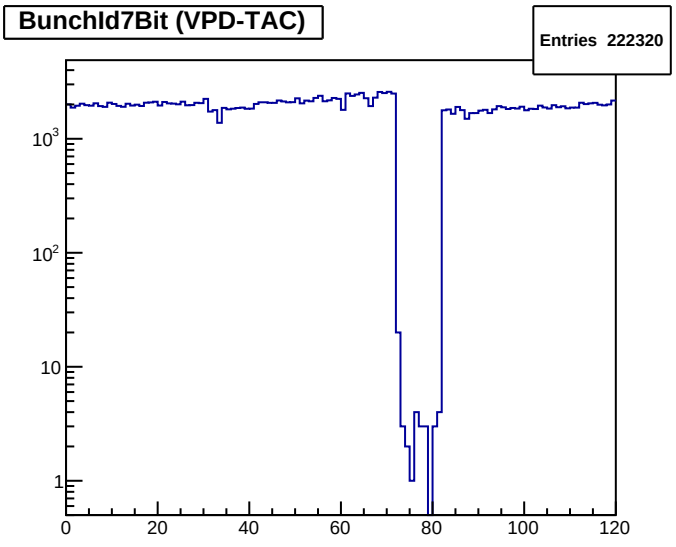
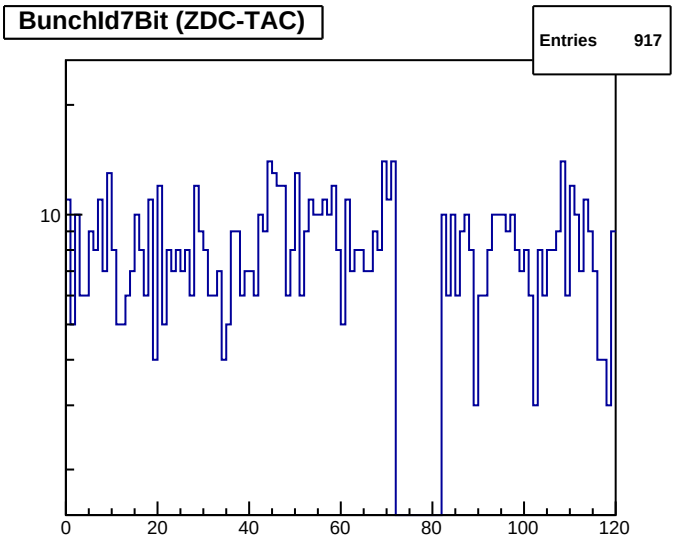
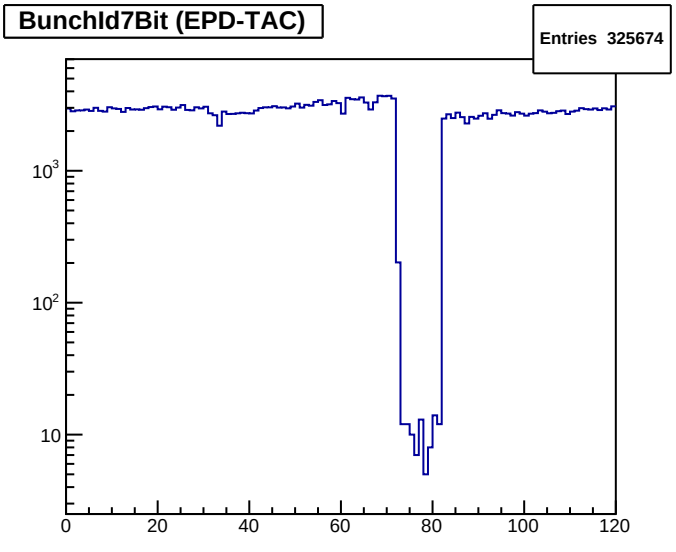
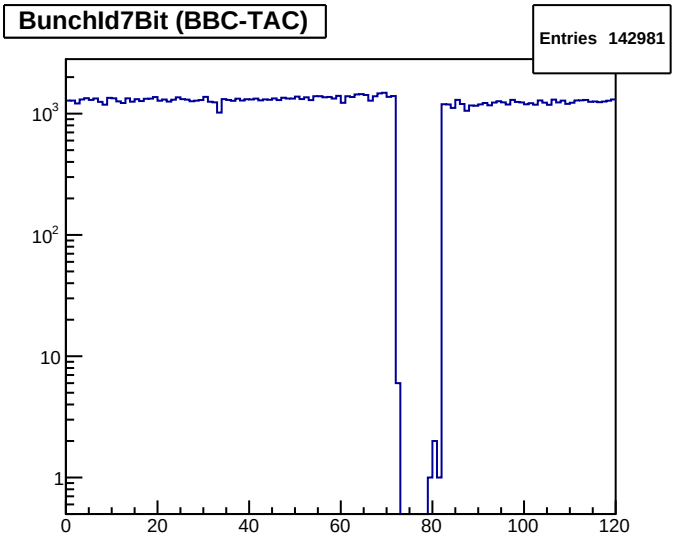
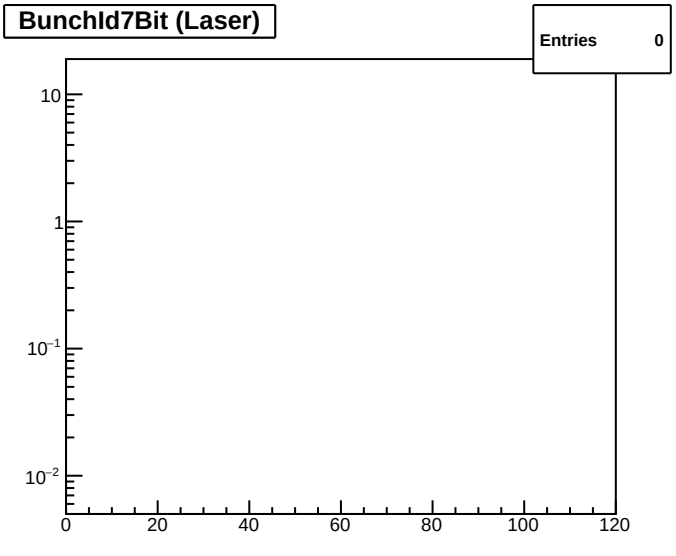
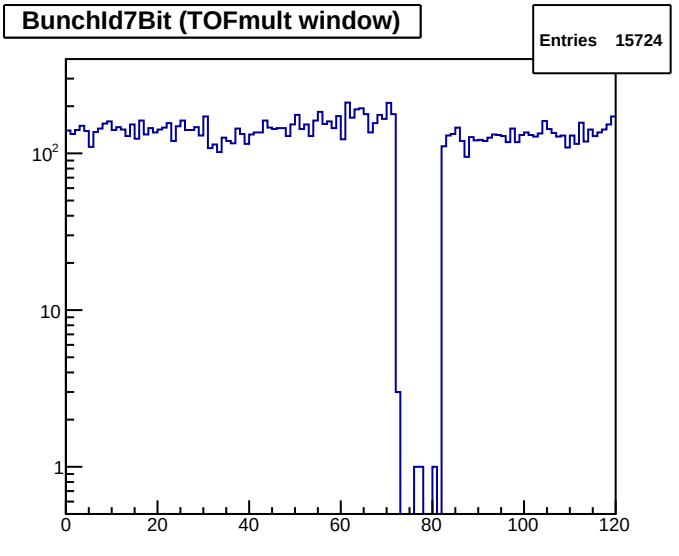

BunchId7Bit (VPD-TAC)
Entries 222320

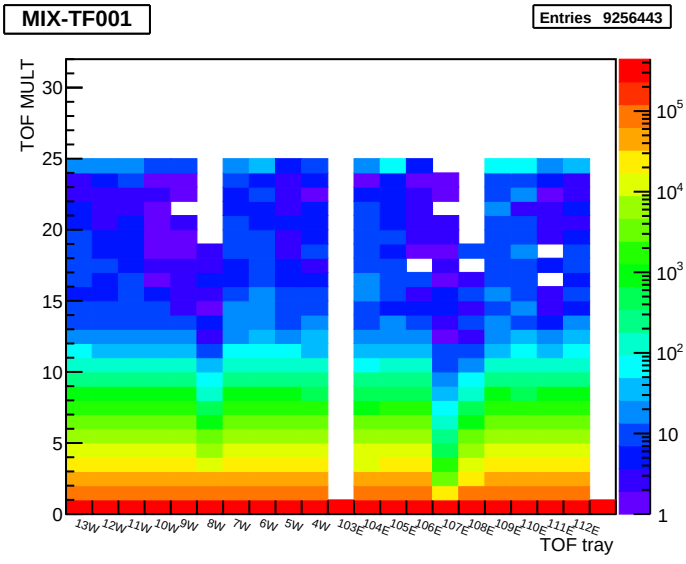

BunchId7Bit (ZDC-TAC)
Entries 917

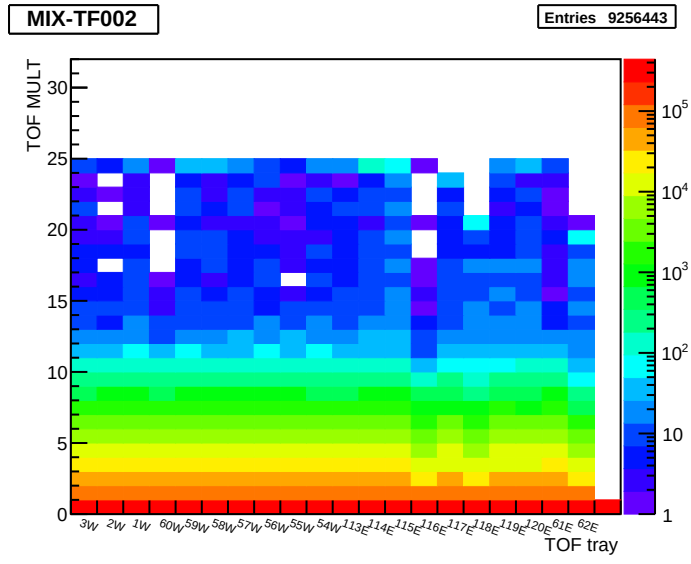

BunchId7Bit (EPD-TAC)
Entries 325674

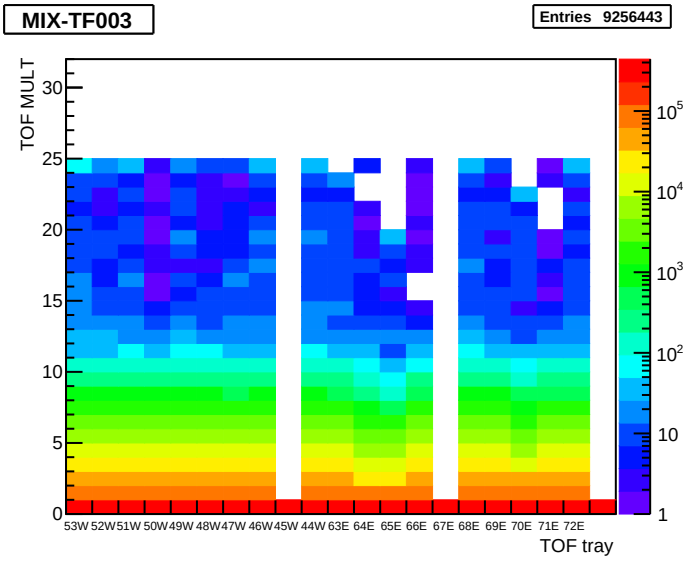

BunchId7Bit (BBC-TAC)
Entries 142981

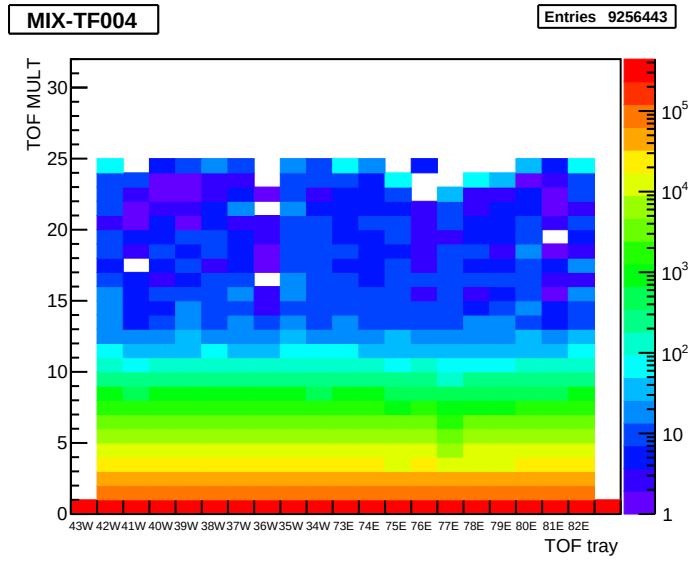

BunchId7Bit (Laser)
Entries 0

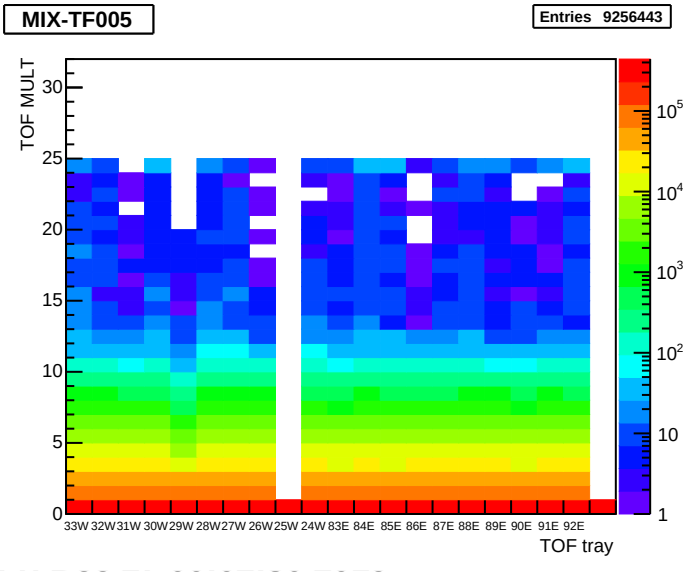

BunchId7Bit (TOFmult window)
Entries 15724

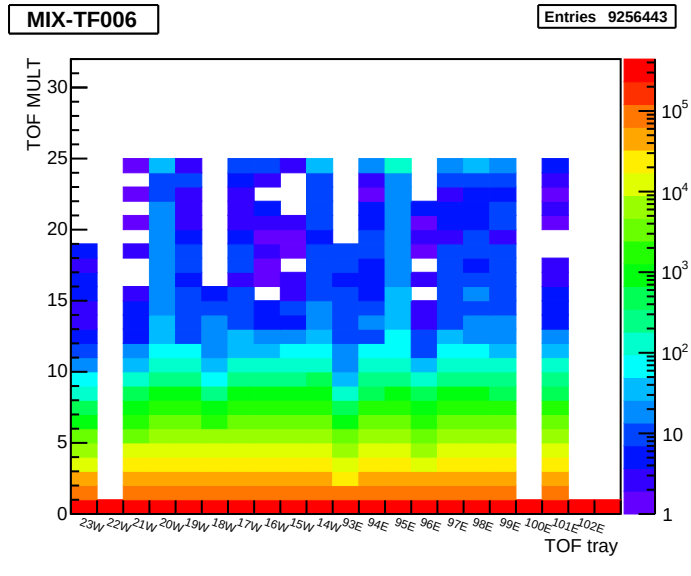

MIX-TF001
Entries 9256443
TOF MULT
TOF tray

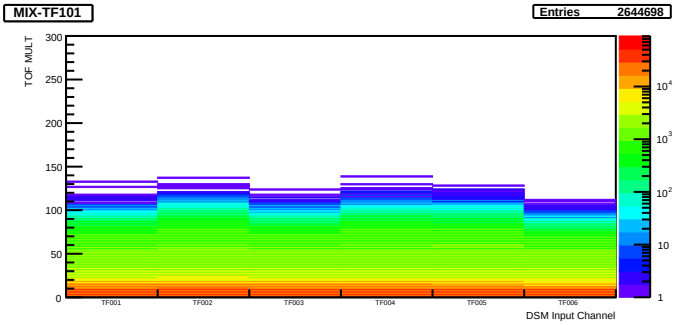

MIX-TF002
Entries 9256443
TOF MULT
TOF tray

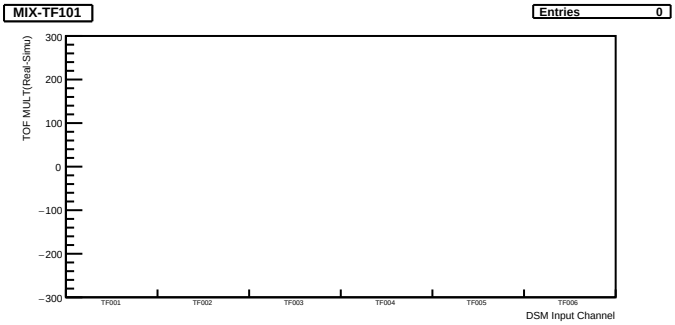

MIX-TF003
Entries 9256443
TOF MULT
TOF tray

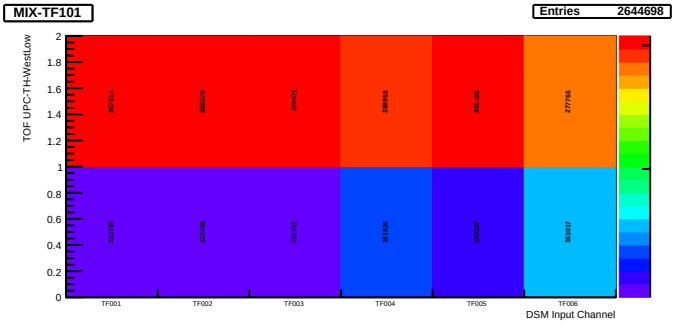

MIX-TF004
Entries 9256443
TOF MULT
TOF tray

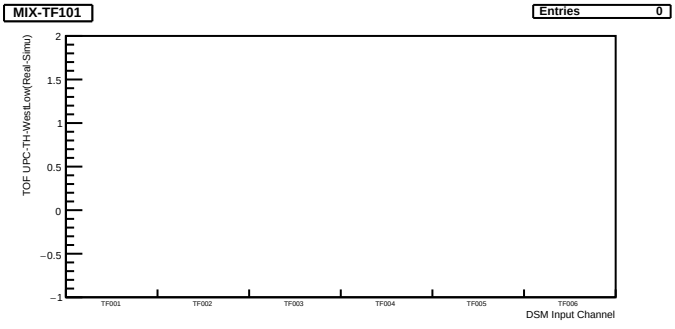

MIX-TF005
Entries 9256443
TOF MULT
TOF tray

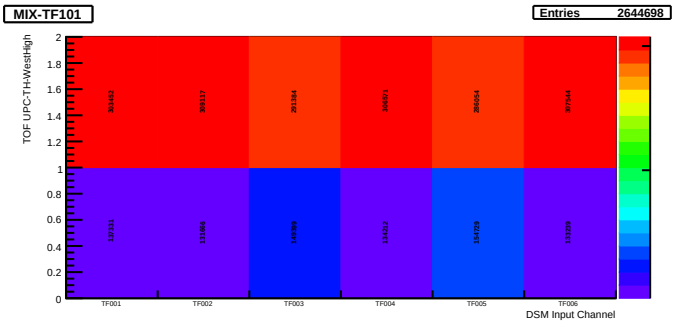

MIX-TF006
Entries 9256443
TOF MULT
TOF tray

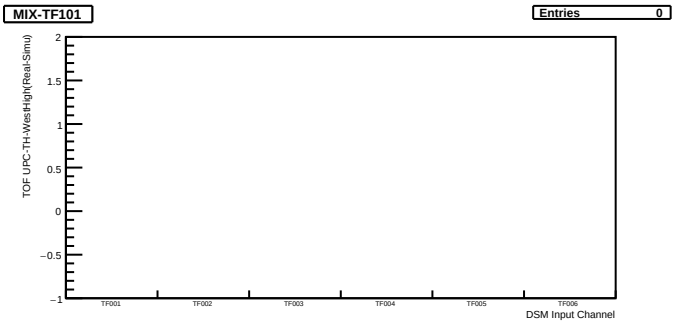

MIX-TF101
Entries 2644698
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

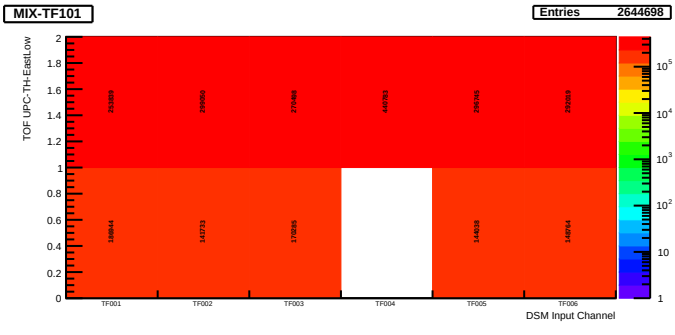

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

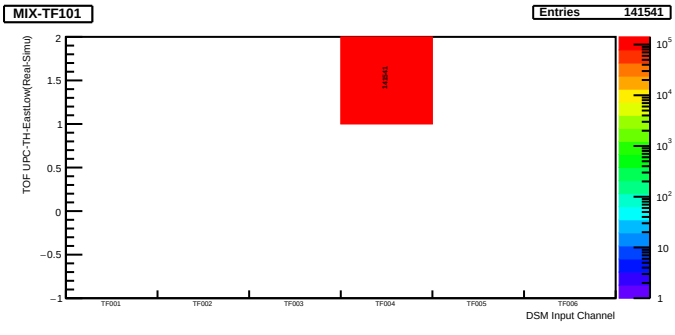

MIX-TF101
Entries 2644698
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

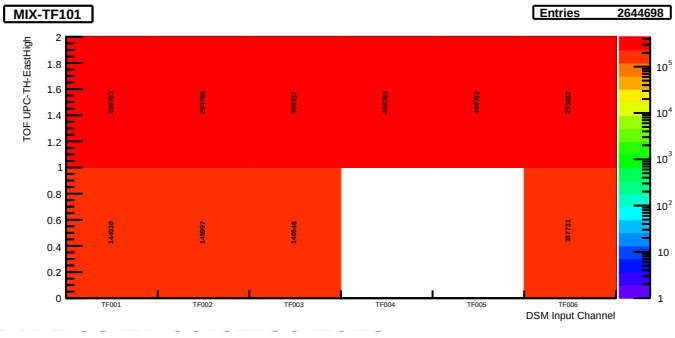

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

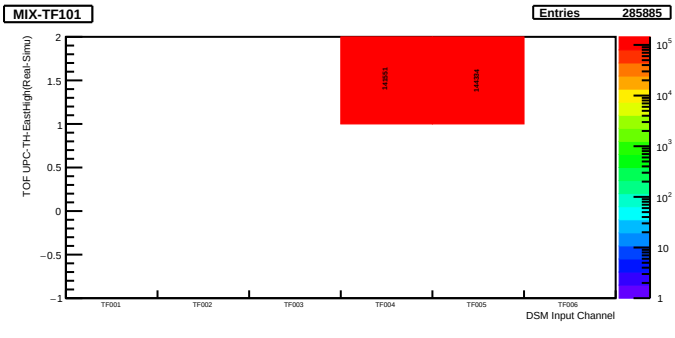

MIX-TF101
Entries 2644698
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

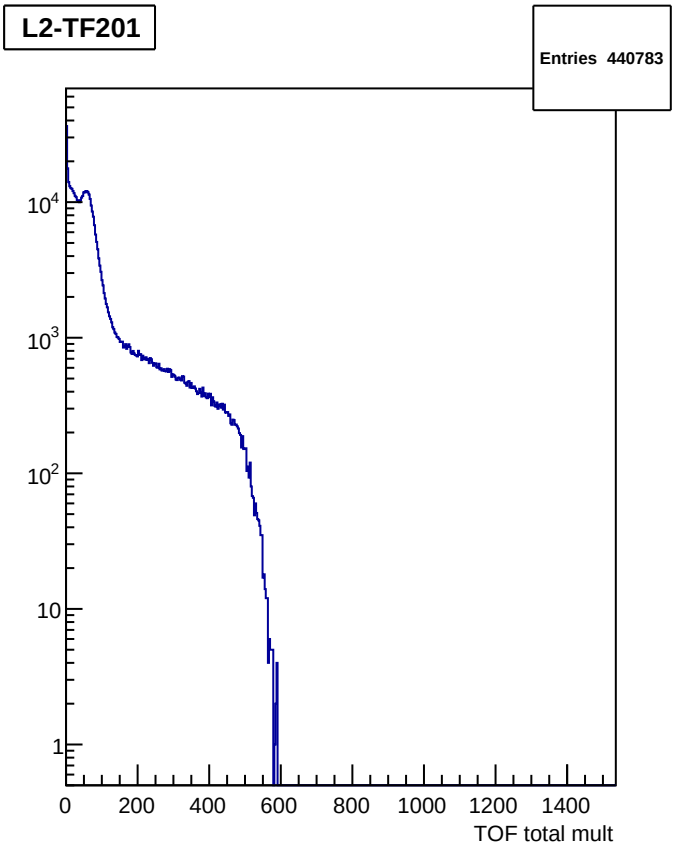

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

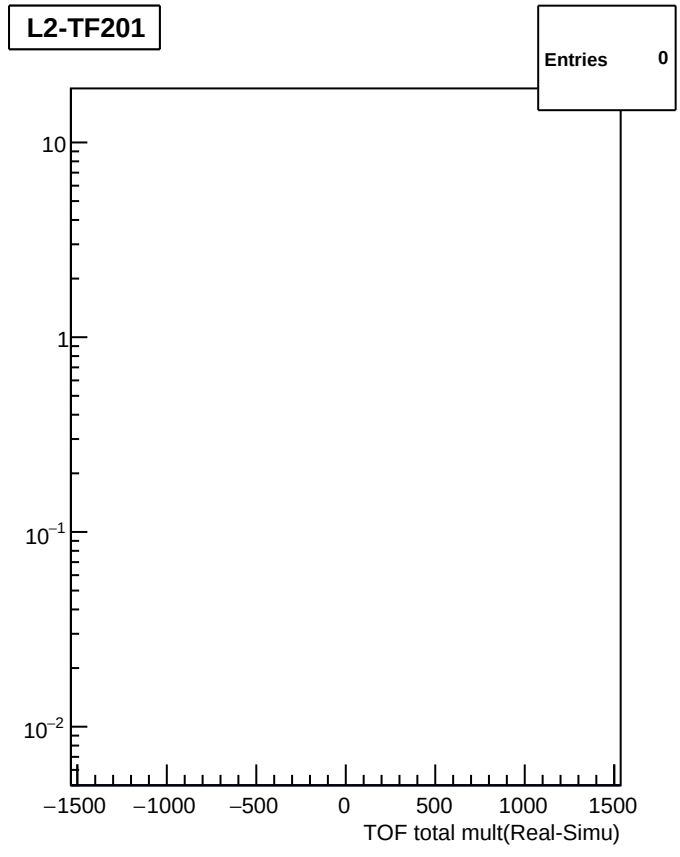

MIX-TF101
Entries 2644698
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

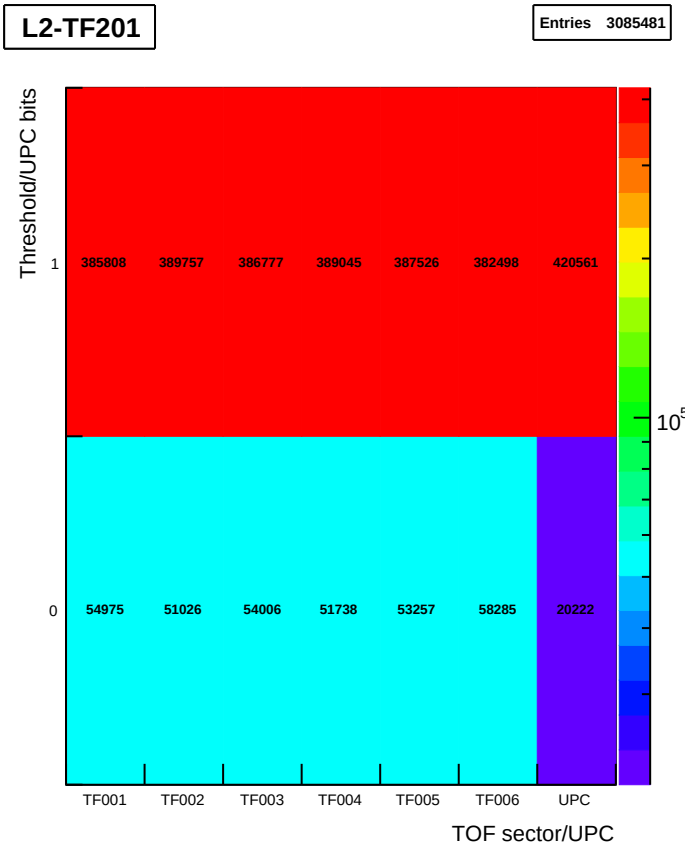

MIX-TF101
Entries 141541
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

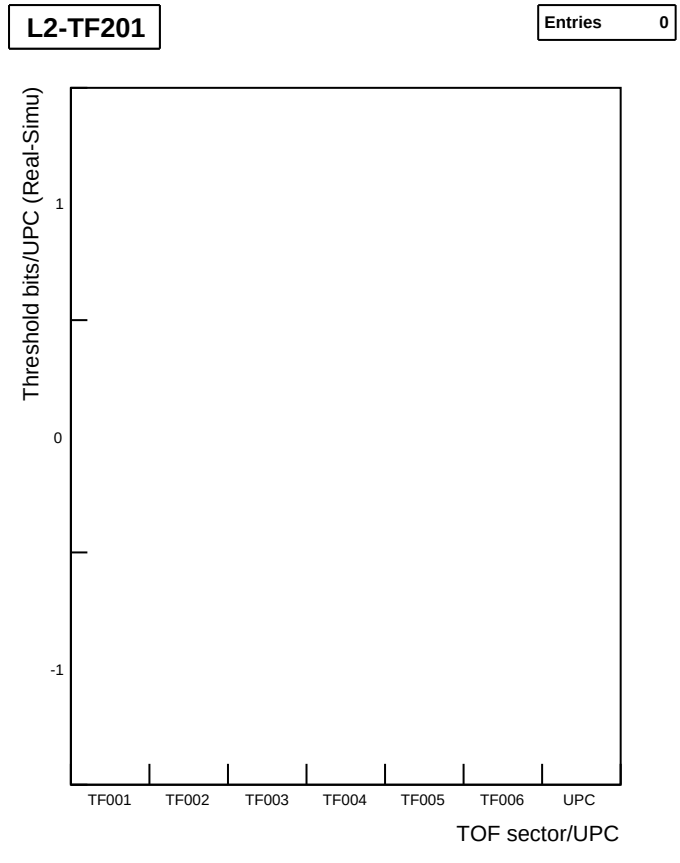

MIX-TF101
Entries 2644698
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

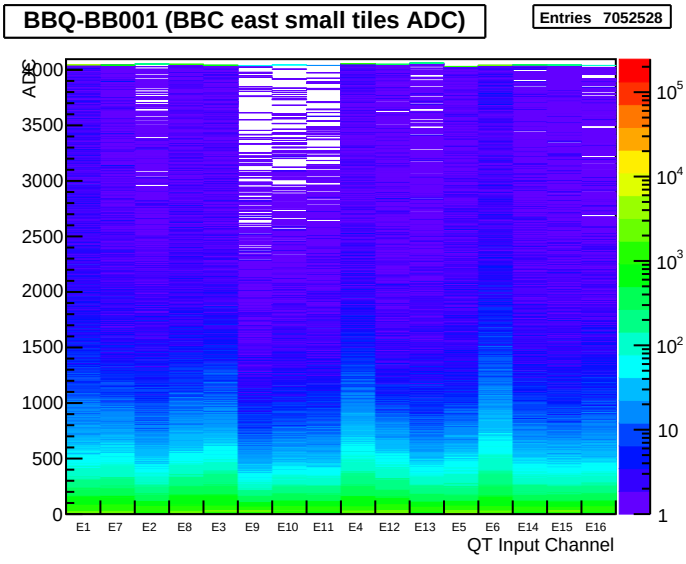

MIX-TF101
Entries 285885
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

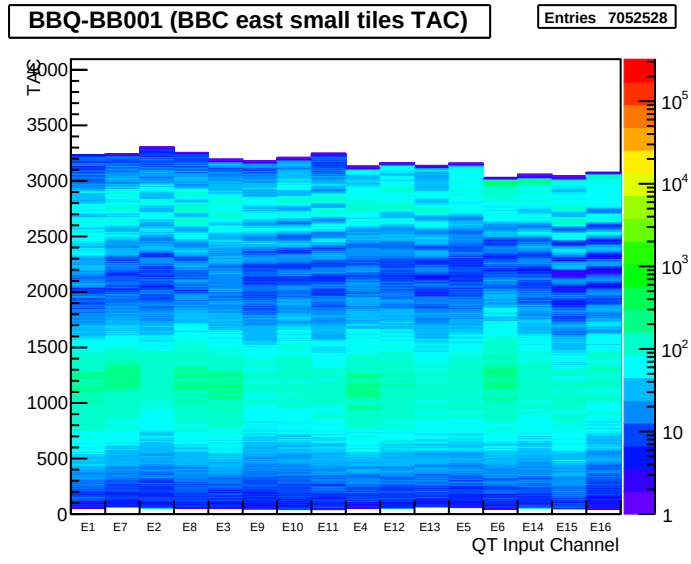

L2-TF201
Entries 440783
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

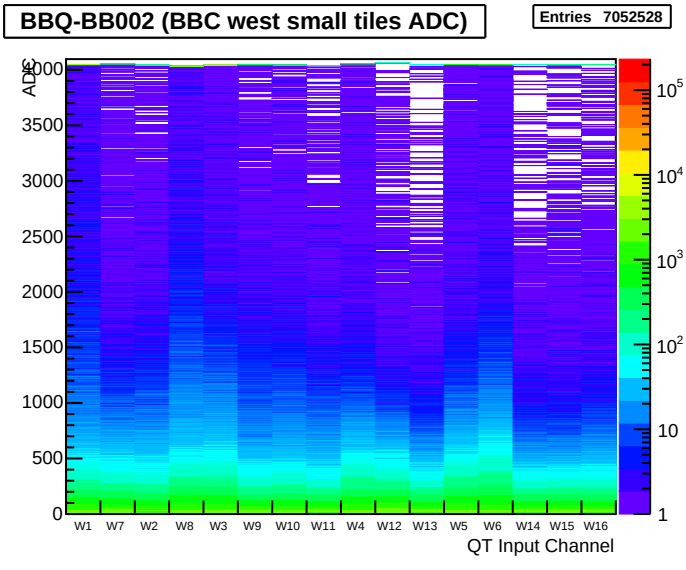

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

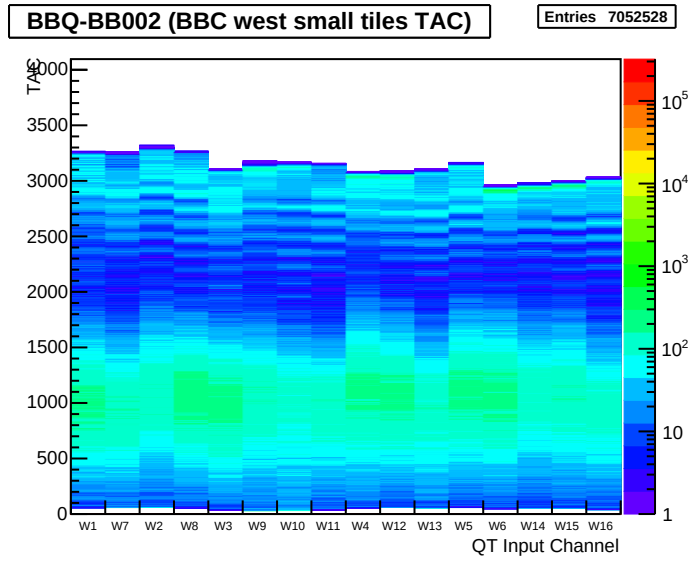

L2-TF201
Entries 3085481
Threshold/UPC bits
1
0
385808
389757
386777
389045
387526
382498
420561
54975
51026
54006
51738
53257
58285
20222
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

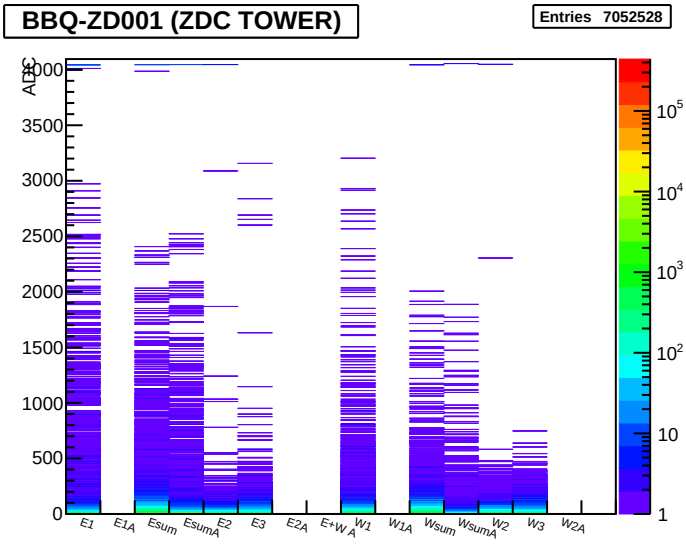

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

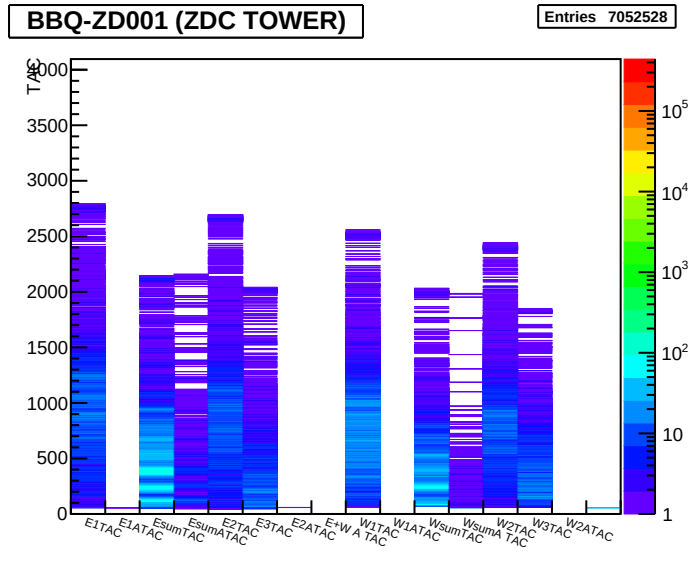

BBQ-BB001 (BBC east small tiles ADC)
Entries 7052528
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

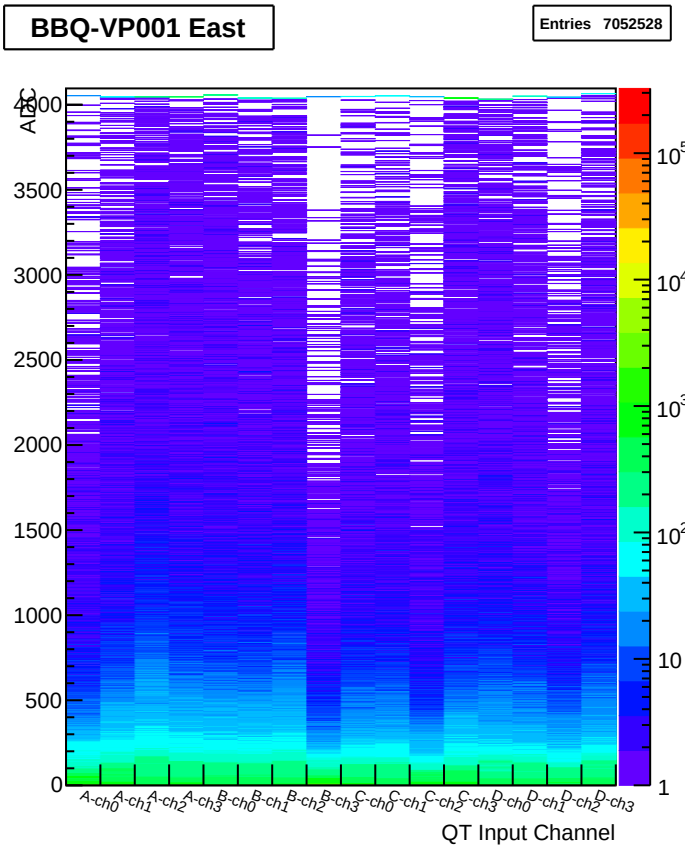

BBQ-BB001 (BBC east small tiles TAC)
Entries 7052528
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

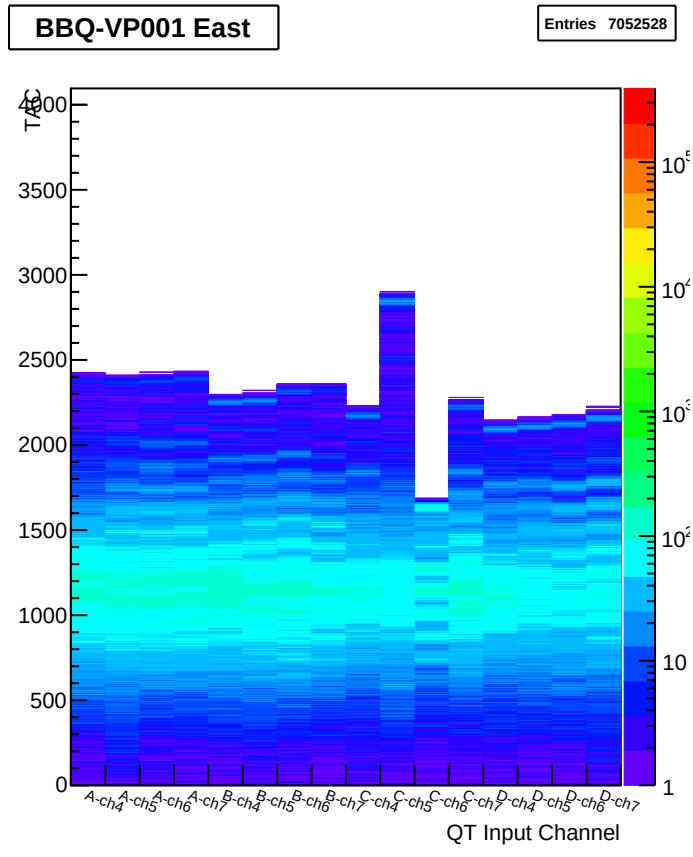

BBQ-BB002 (BBC west small tiles ADC)
Entries 7052528
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

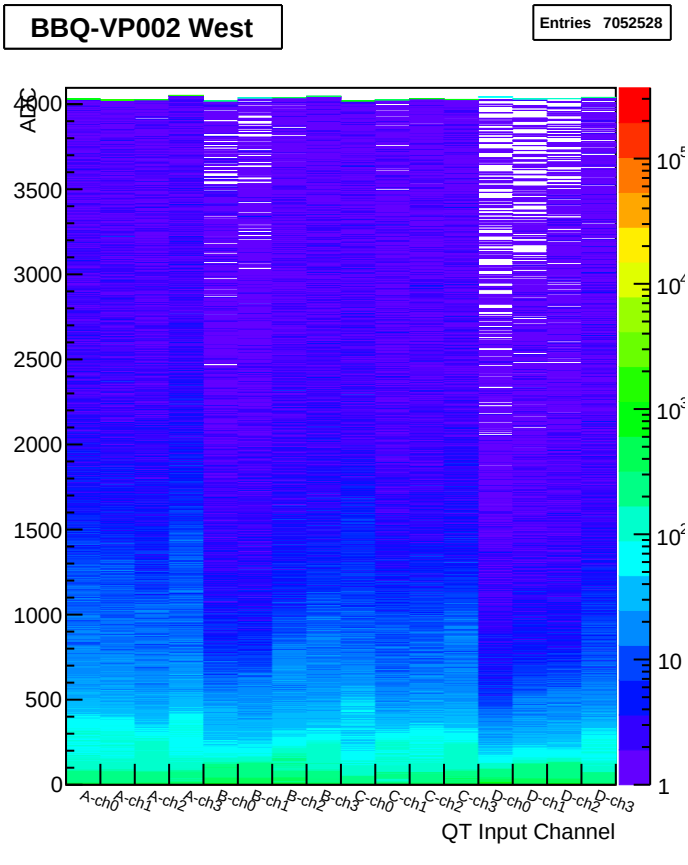

BBQ-BB002 (BBC west small tiles TAC)
Entries 7052528
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

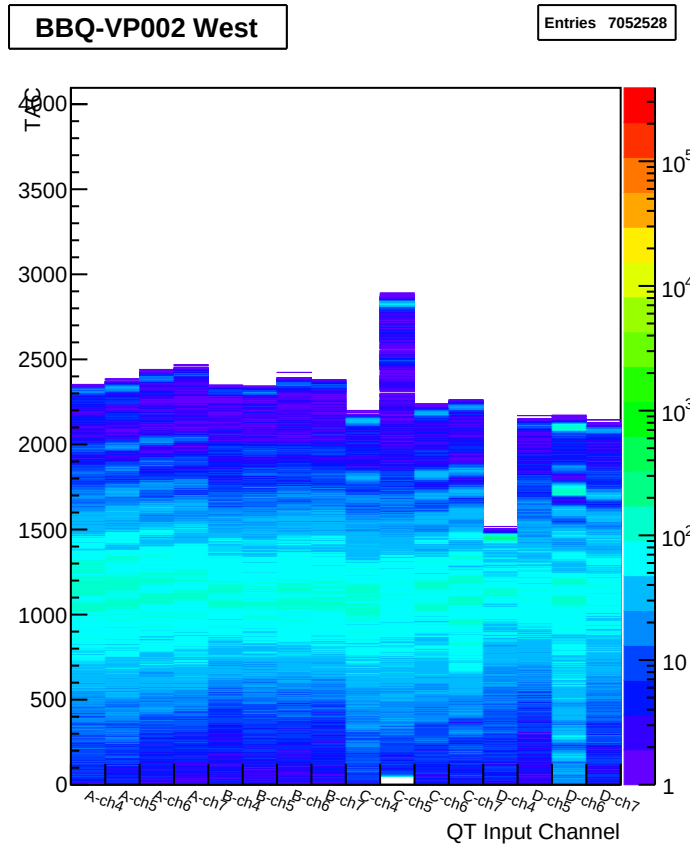

BBQ-ZD001 (ZDC TOWER)
Entries 7052528
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

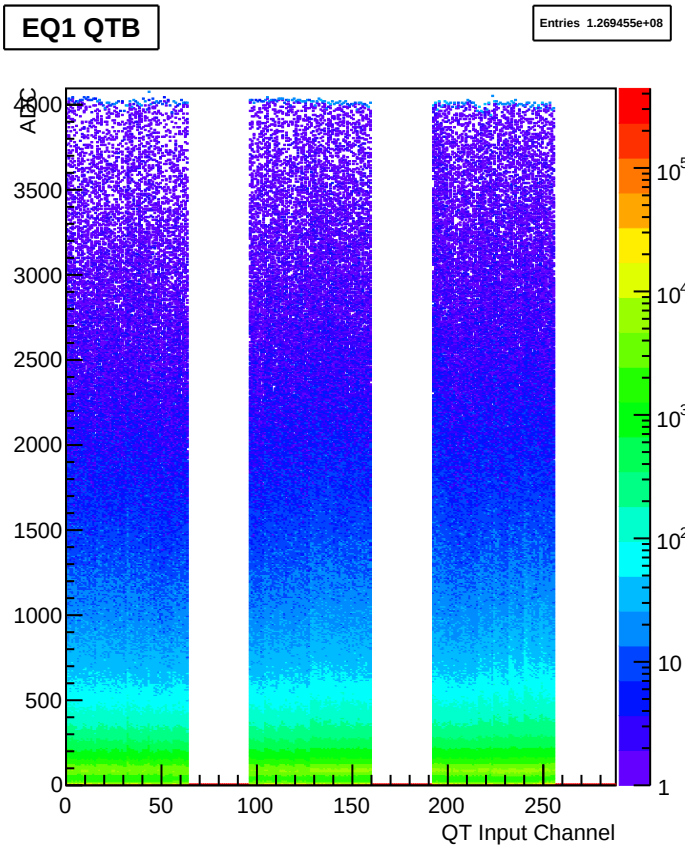

BBQ-ZD001 (ZDC TOWER)
Entries 7052528
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

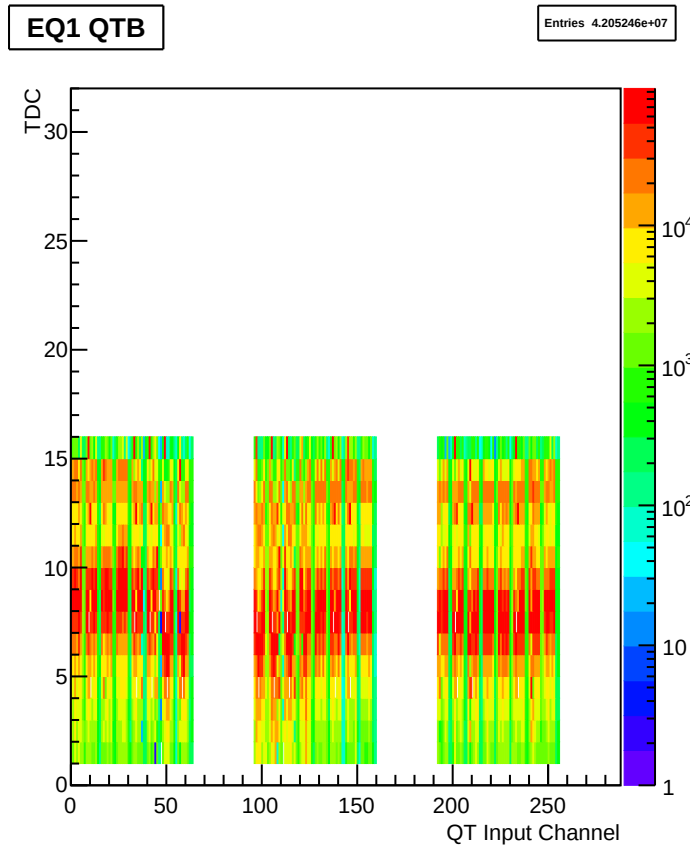

BBQ-VP001 East
Entries 7052528
ADC
QT Input Channel

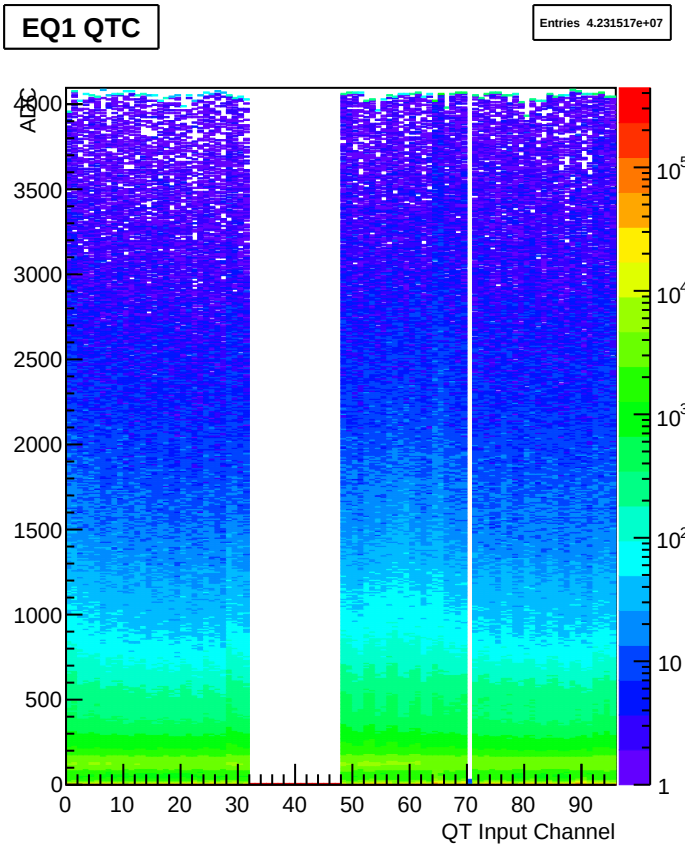

BBQ-VP001 East
Entries 7052528
TADC
QT Input Channel

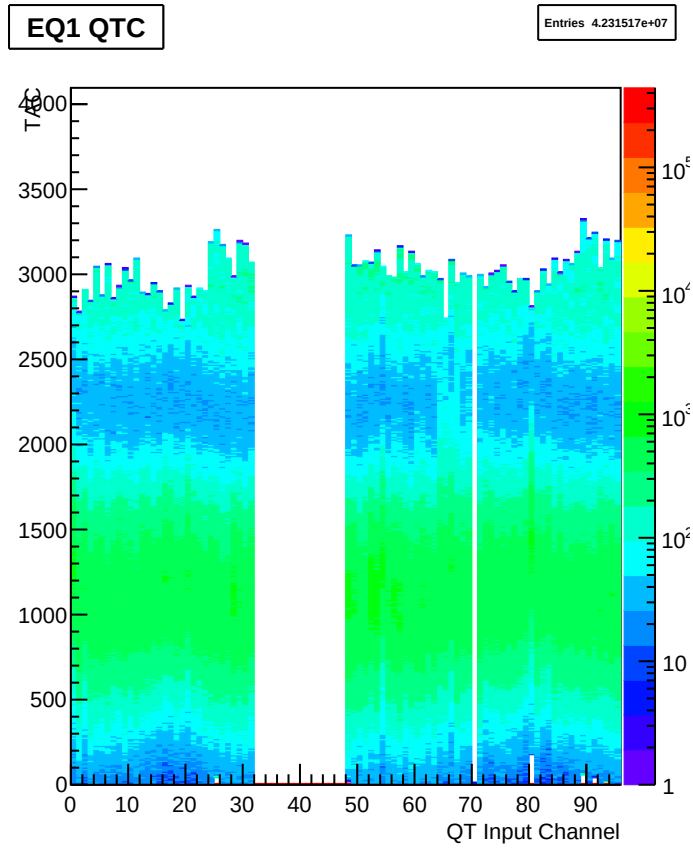

BBQ-VP002 West
Entries 7052528
ADC
QT Input Channel

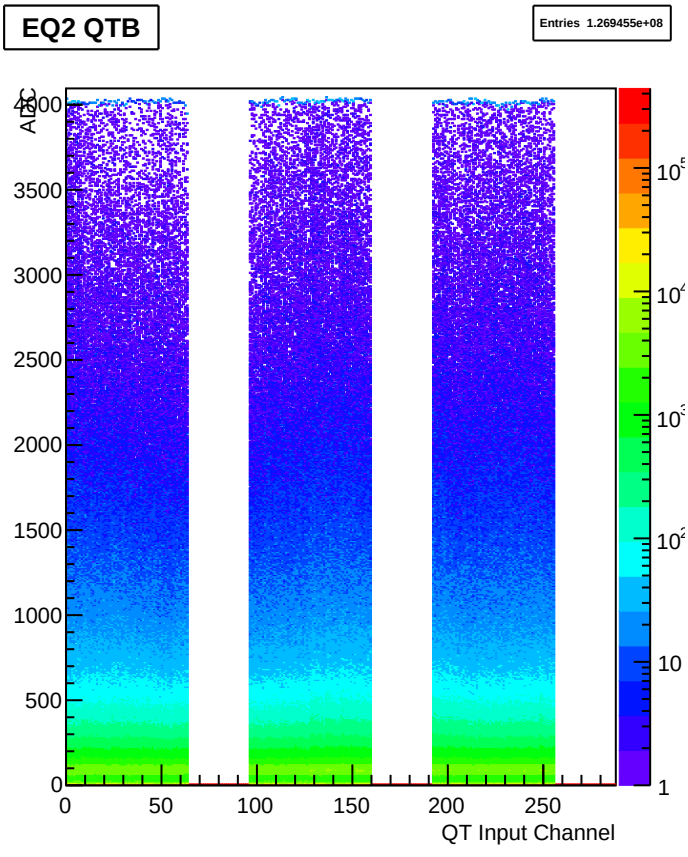

BBQ-VP002 West
Entries 7052528
TADC
QT Input Channel

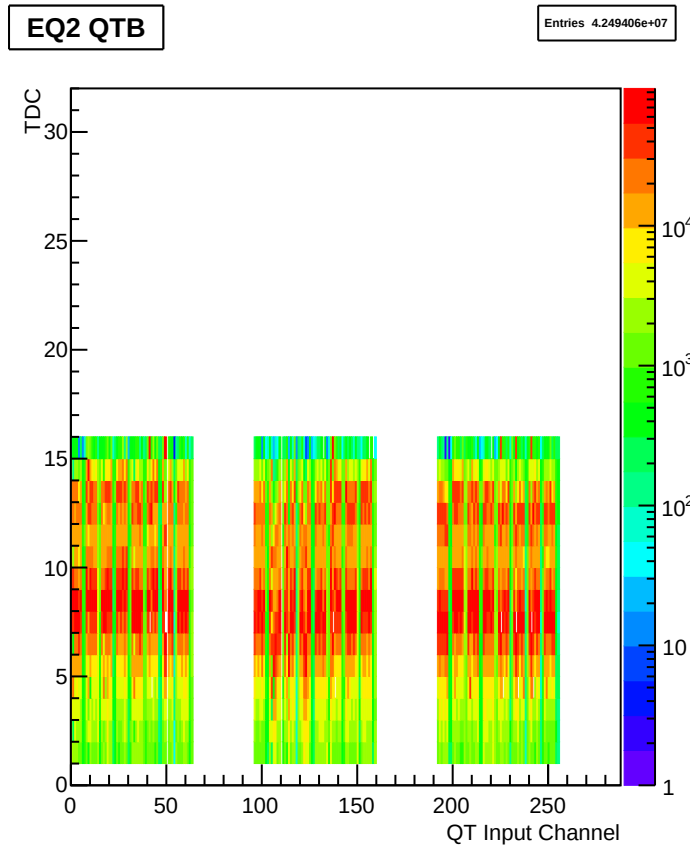

EQ1 QTB
Entries 1.269455e+08
ADC
QT Input Channel

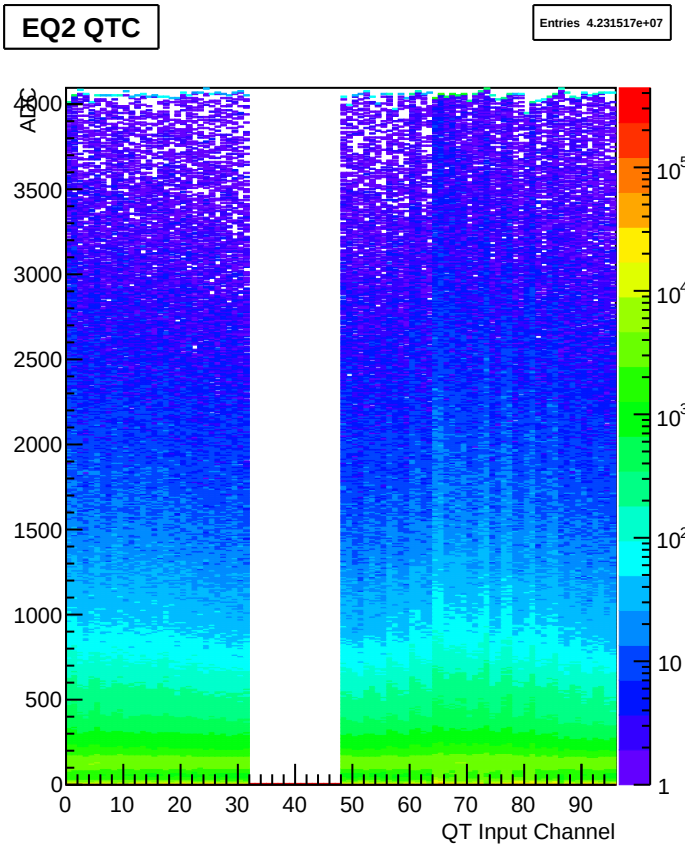

EQ1 QTB
Entries 4.205246e+07
TDC
QT Input Channel

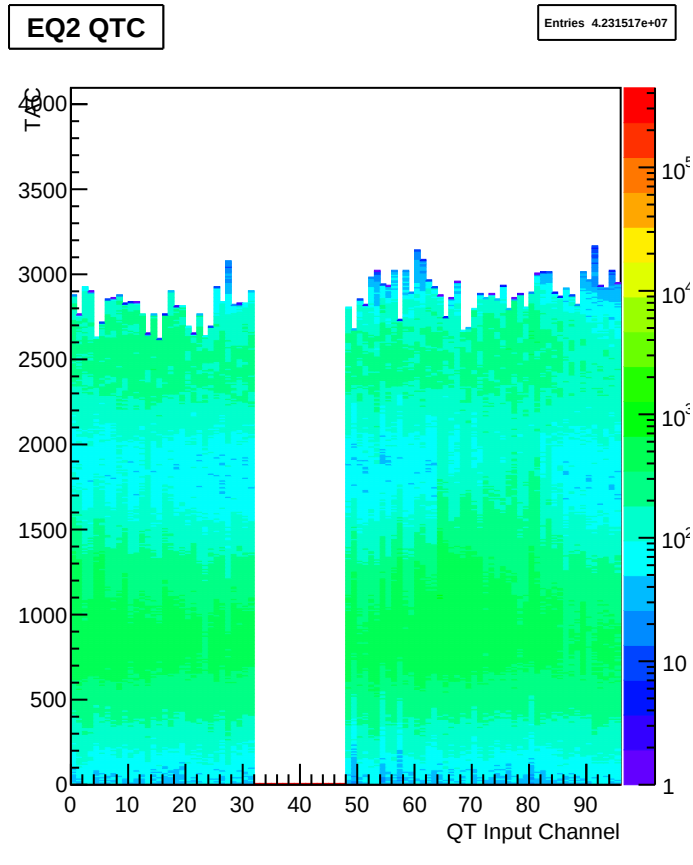

EQ1 QTC
Entries 4.231517e+07
ADC
QT Input Channel

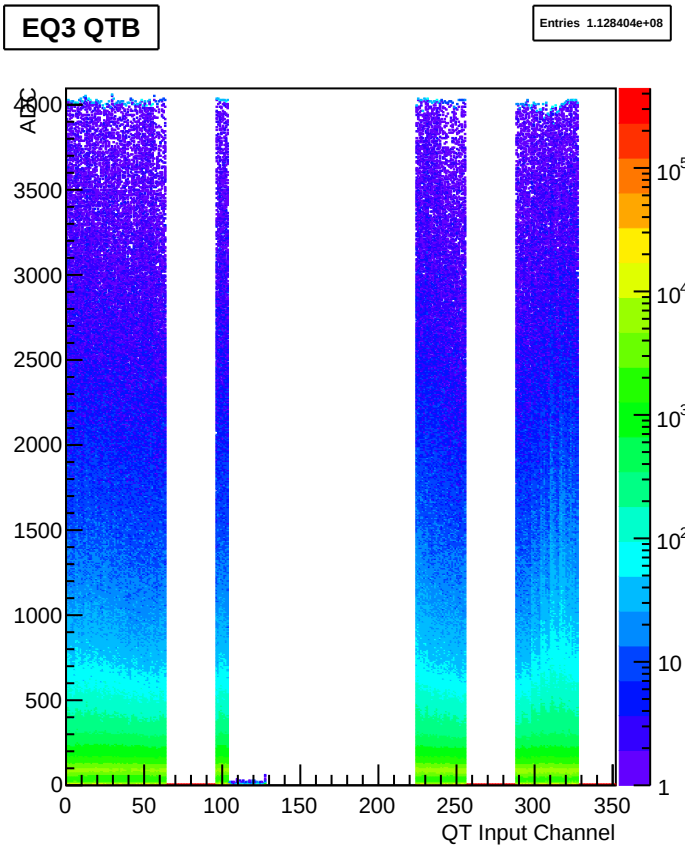

EQ1 QTC
Entries 4.231517e+07
TADC
QT Input Channel

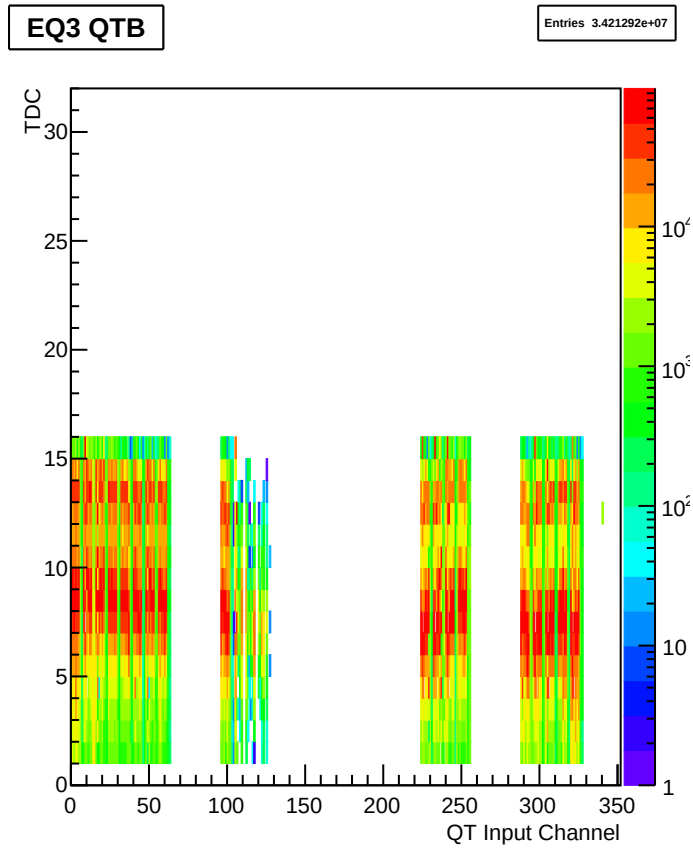

EQ2 QTB
Entries 1.269455e+08
ADC
QT Input Channel

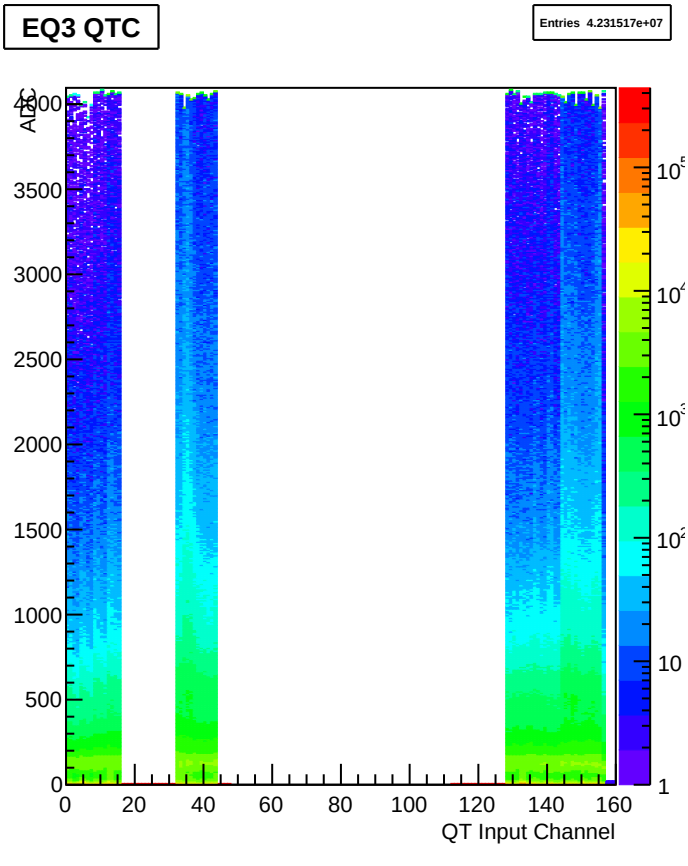

EQ2 QTB
Entries 4.249406e+07
TDC
QT Input Channel

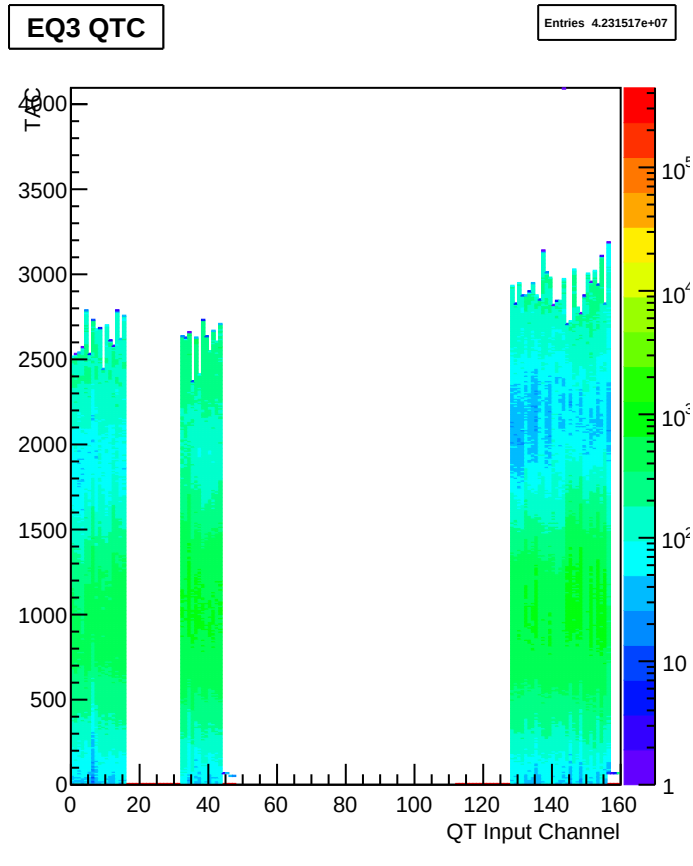

EQ2 QTC
Entries 4.231517e+07
ADC
QT Input Channel

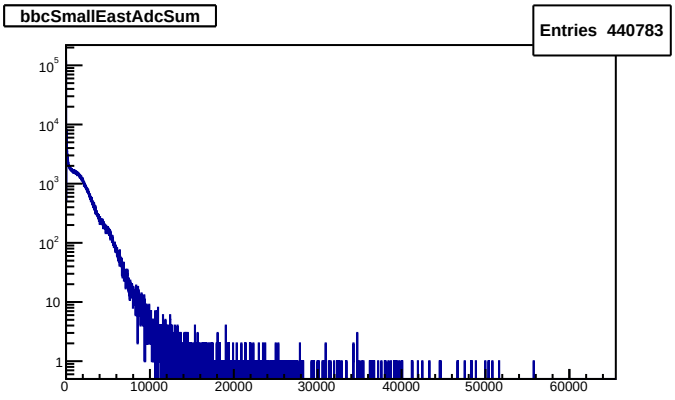

EQ2 QTC
Entries 4.231517e+07
TADC
QT Input Channel

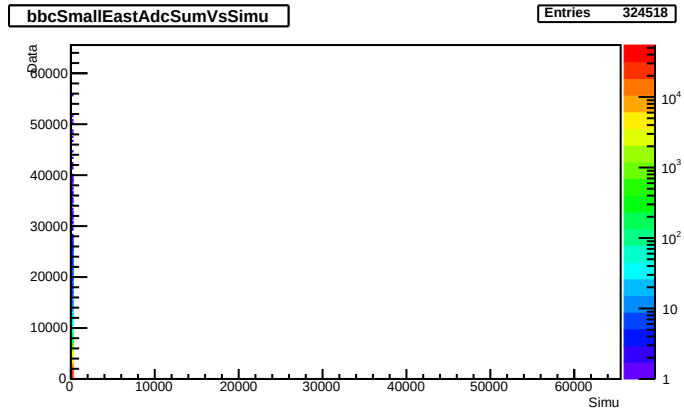

EQ3 QTB
Entries 1.128404e+08
ADC
QT Input Channel

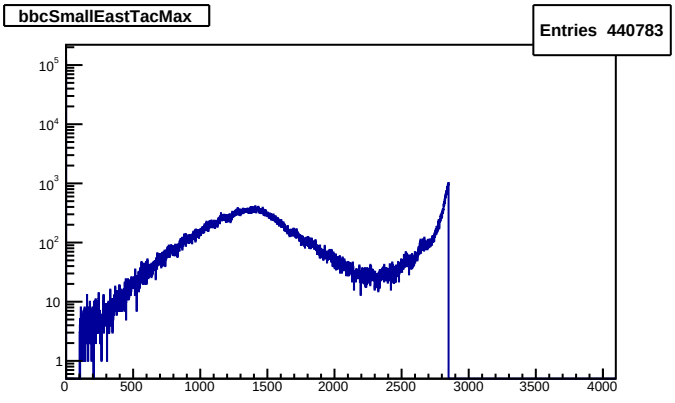

EQ3 QTB
Entries 3.421292e+07
TDC
QT Input Channel

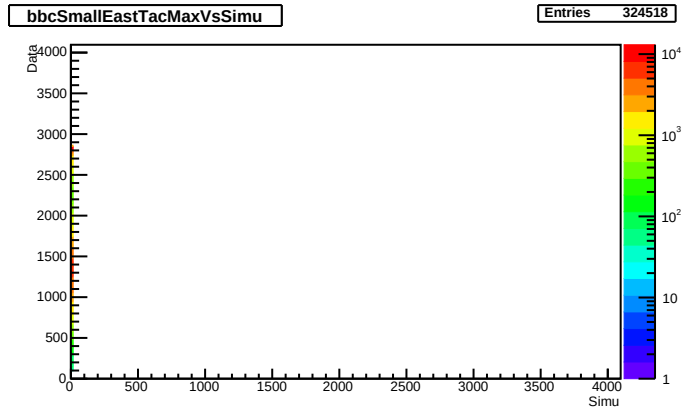

EQ3 QTC
Entries 4.231517e+07
ADC
QT Input Channel

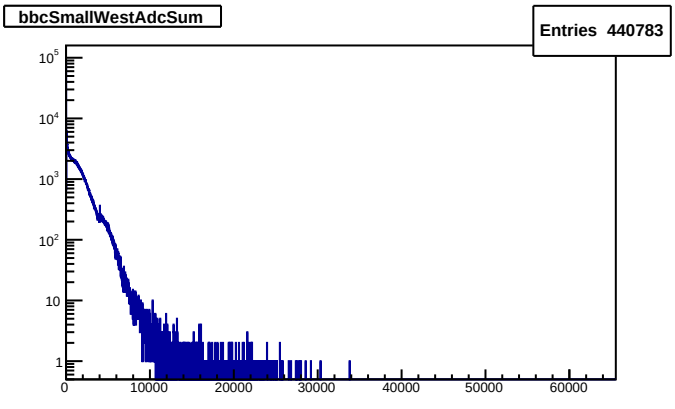

EQ3 QTC
Entries 4.231517e+07
TADC
QT Input Channel

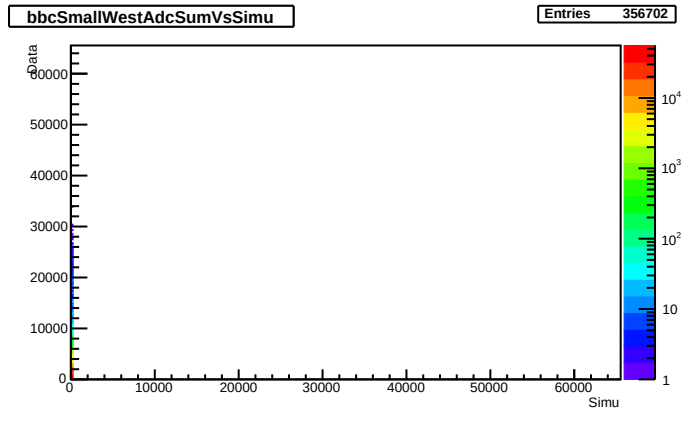

bbcSmallEastAdcSum
Entries 440783


bbcSmallEastAdcSumVsSimu
Entries 324518
Data
Simu


bbcSmallEastTacMax
Entries 440783


bbcSmallEastTacMaxVsSimu
Entries 324518
Data
Simu


bbcSmallWestAdcSum
Entries 440783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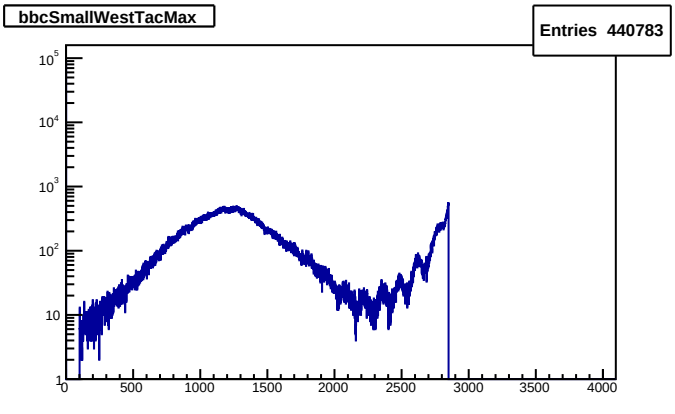
Entries 356702
Data
Simu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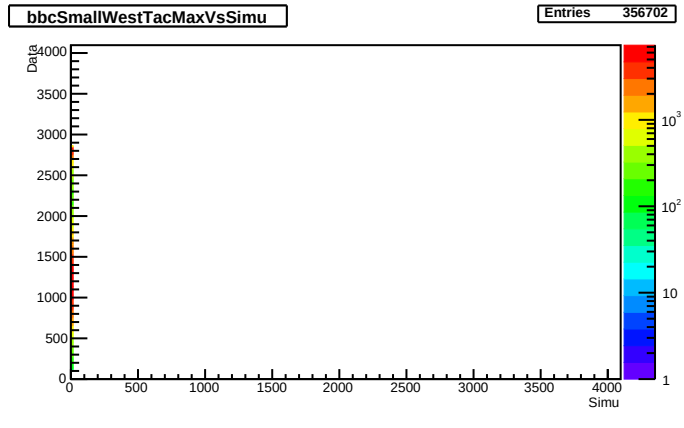
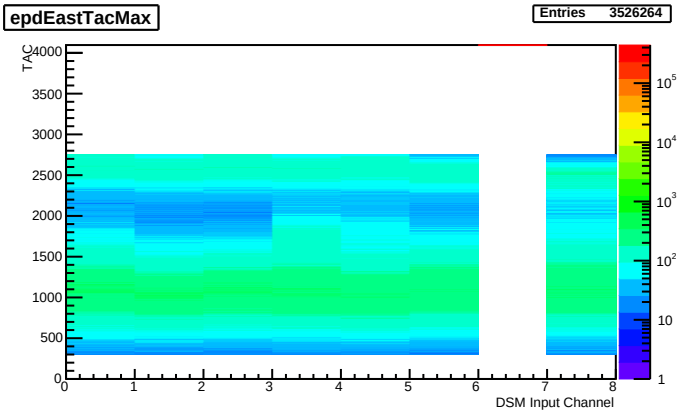
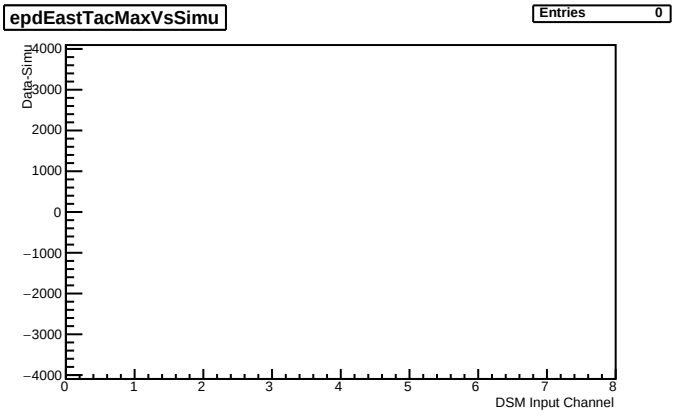
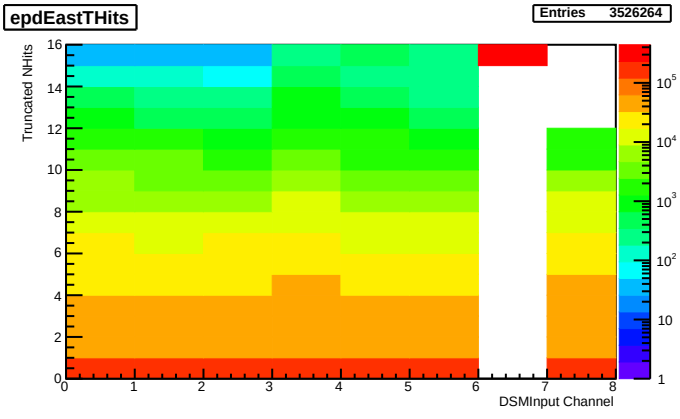
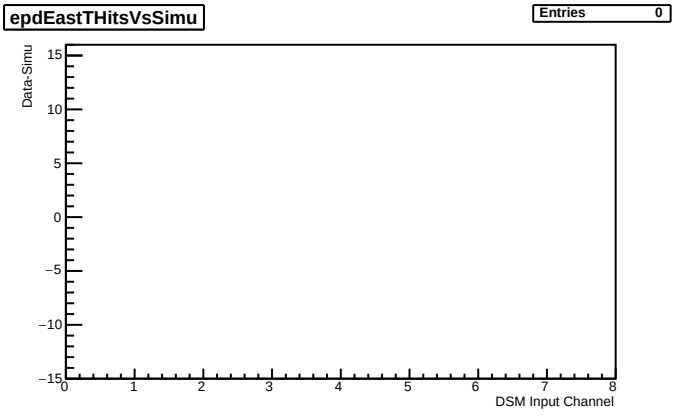
Entries 440783


bbcSmallWestTacMaxVsSimu
Entries 356702
Data
Simu


epdEastTacMax
Entries 3526264
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3526264
Truncated NHits
DSMInput Channel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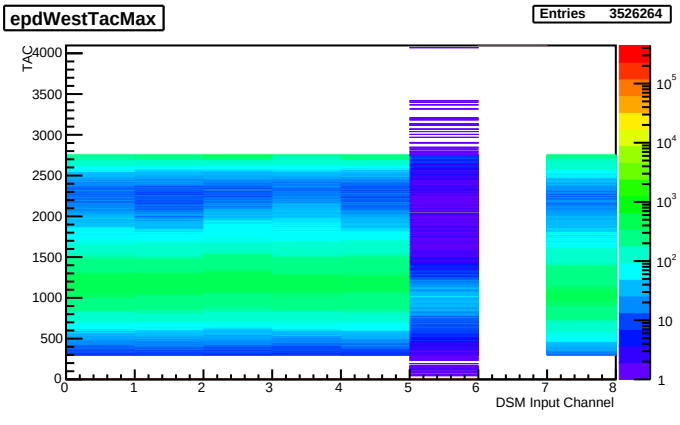
Data-Simu
DSM Input Channel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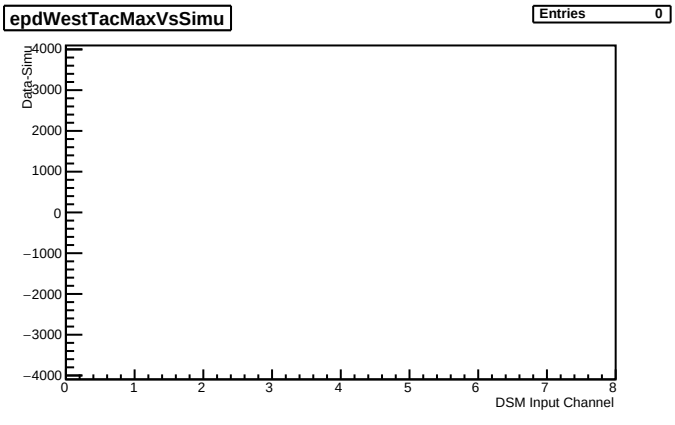
Entries 3526264
TAC
DSM Input Channel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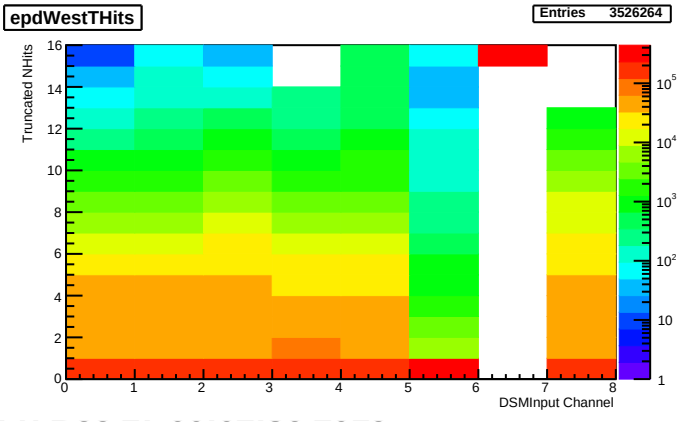
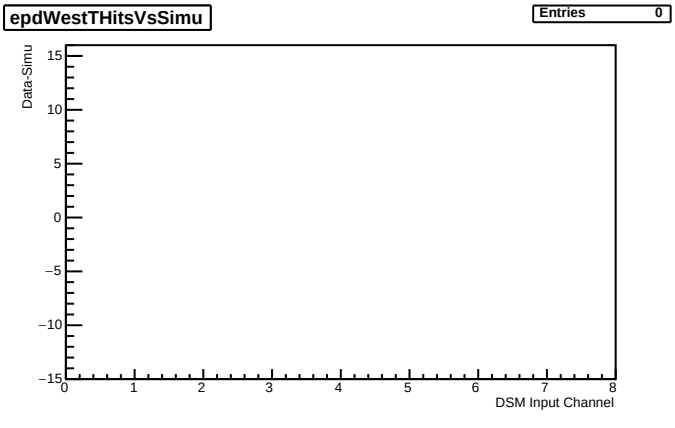
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3526264
Truncated NHits
DSMInput Channel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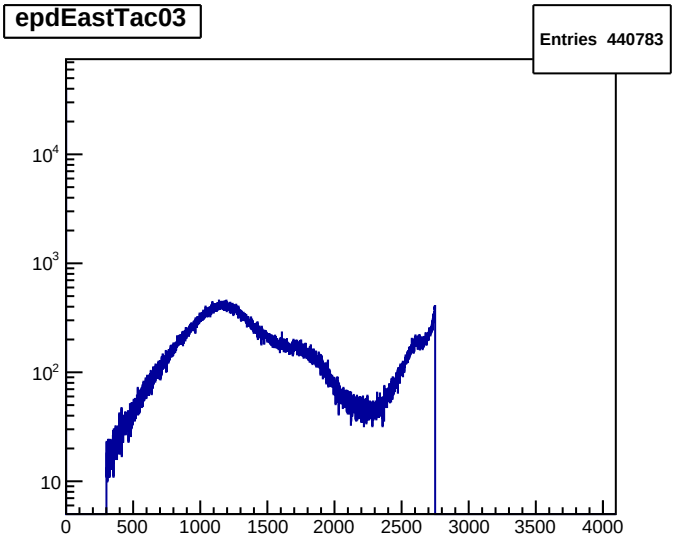
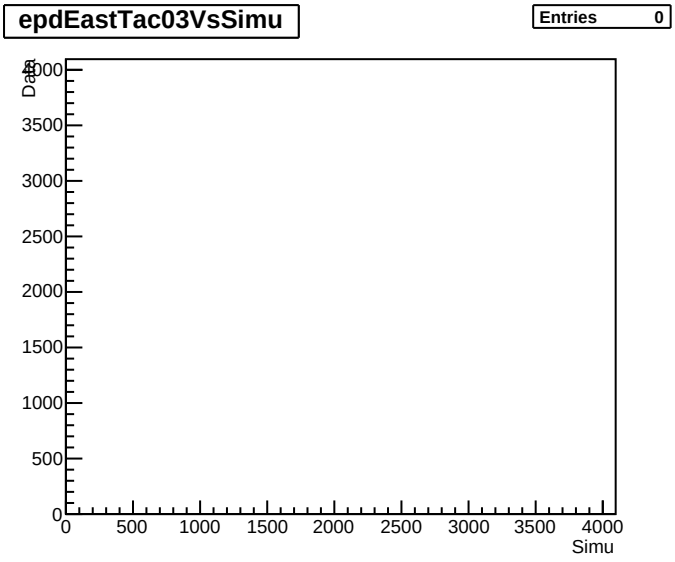
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 440783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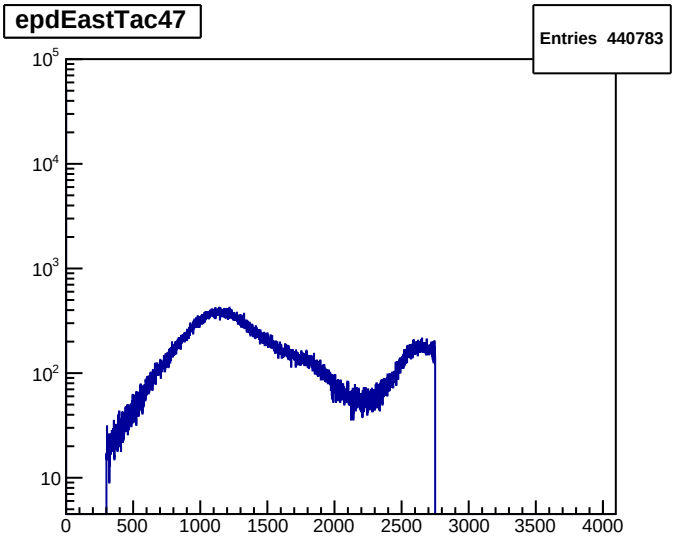
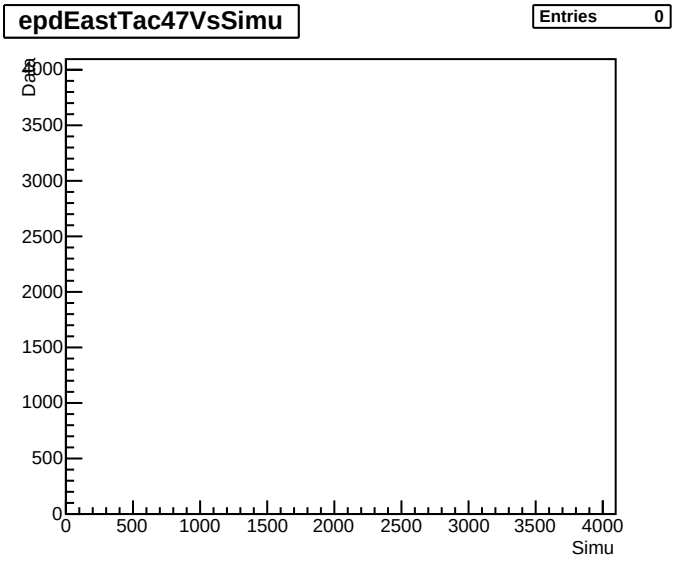
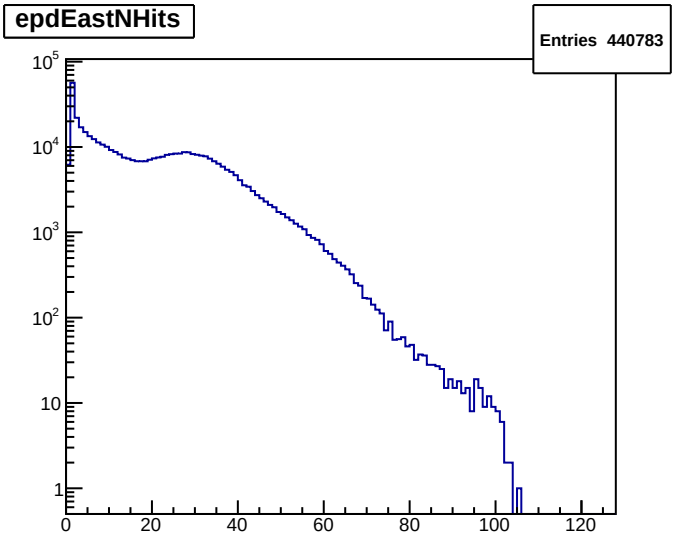
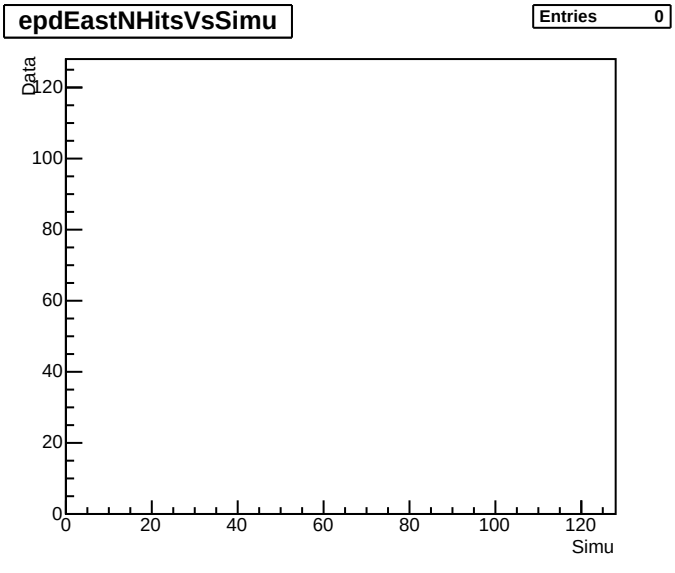
Entries 0
Data
Simu


epdEastTac47
Entries 440783


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 440783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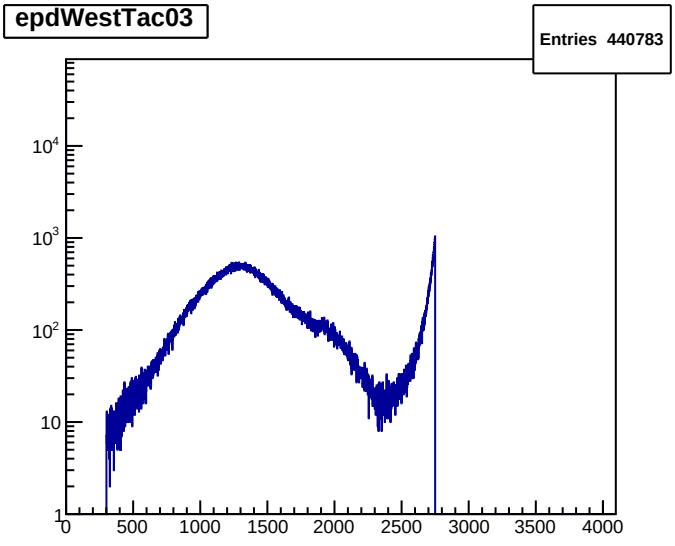
Entries 0
Data
Simu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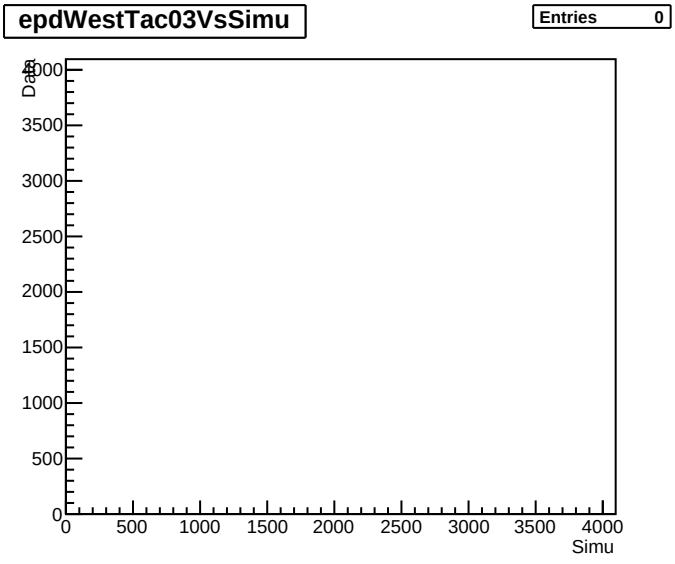
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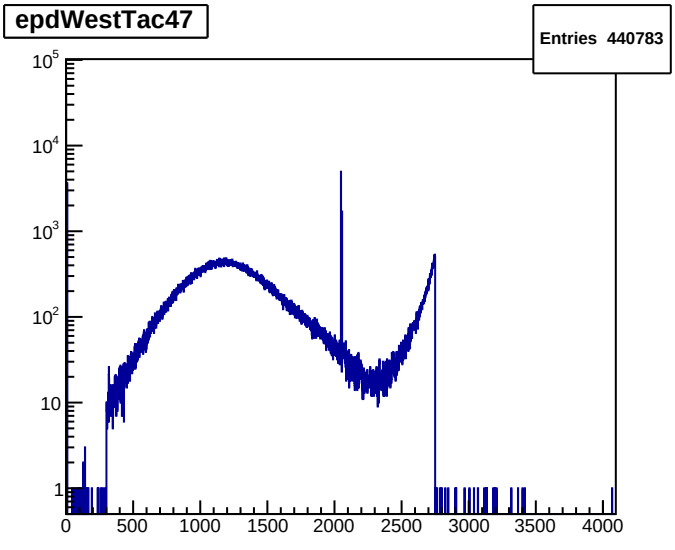
Entries 0
Data
Simu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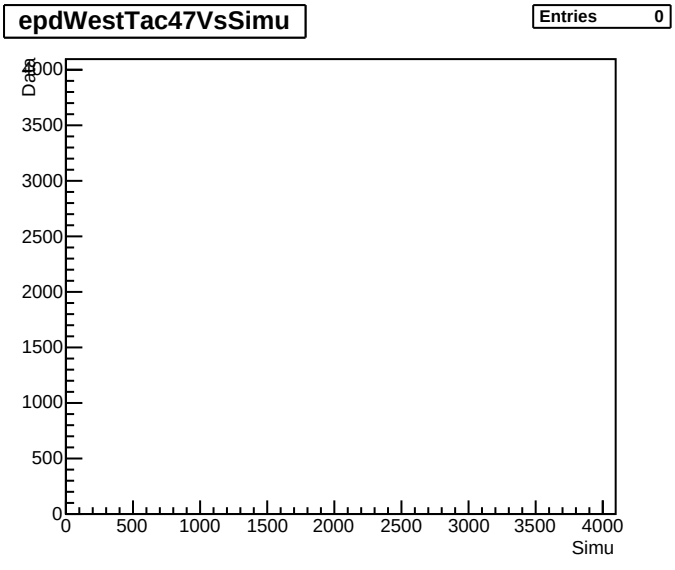
Entries 440783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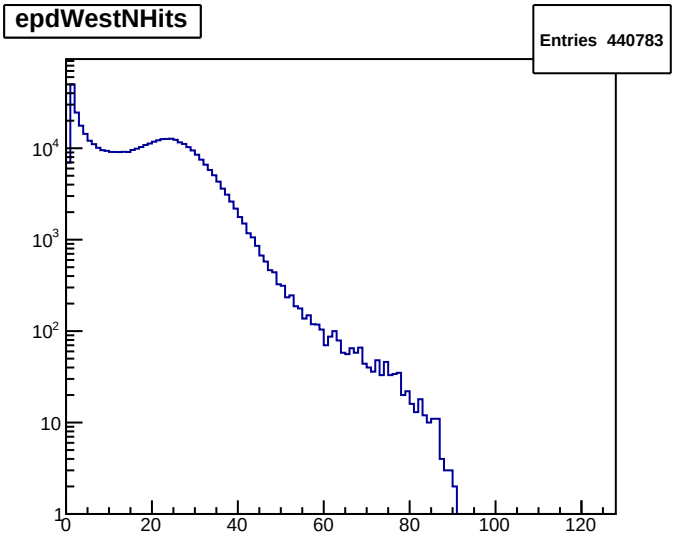
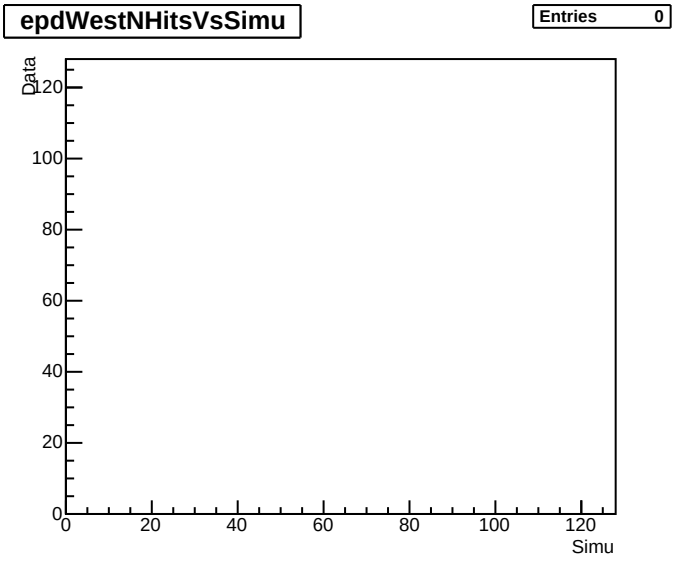
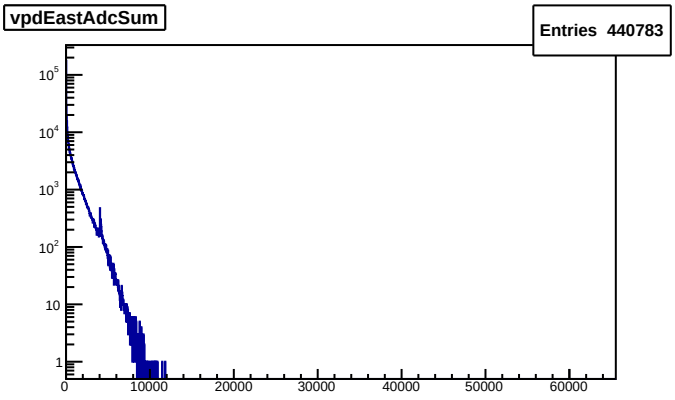
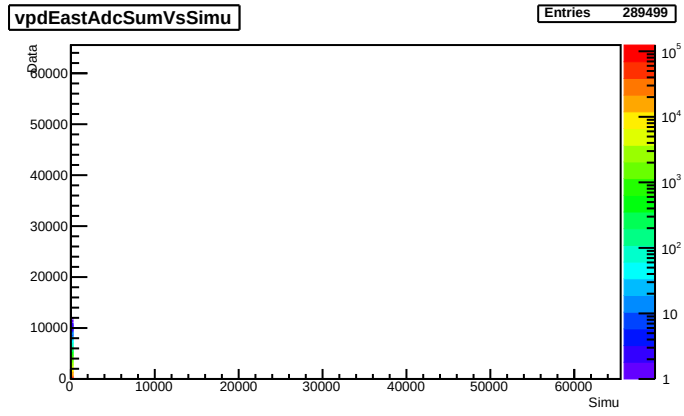
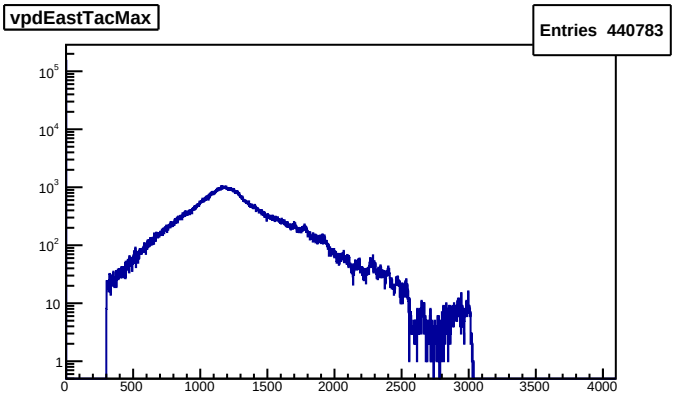
Entries 0
Data
Simu

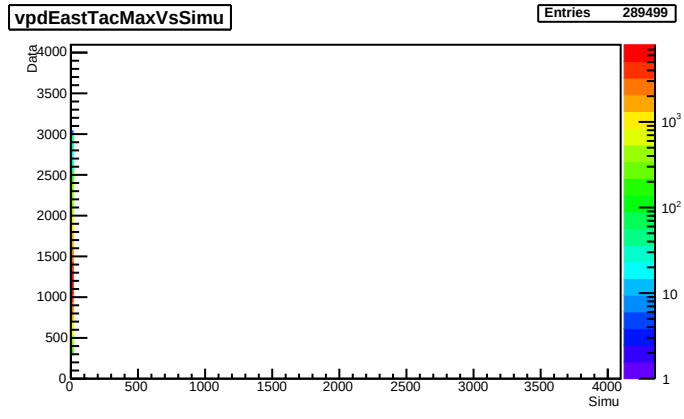

epdWestNHits
Entries 440783

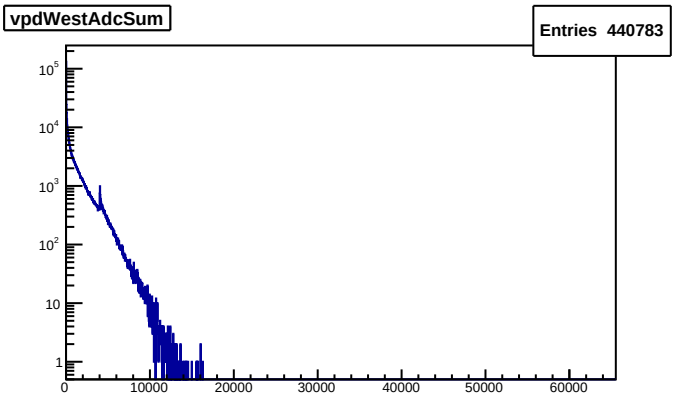

epdWestNHitsVsSimu
Entries 0
Data
Simu

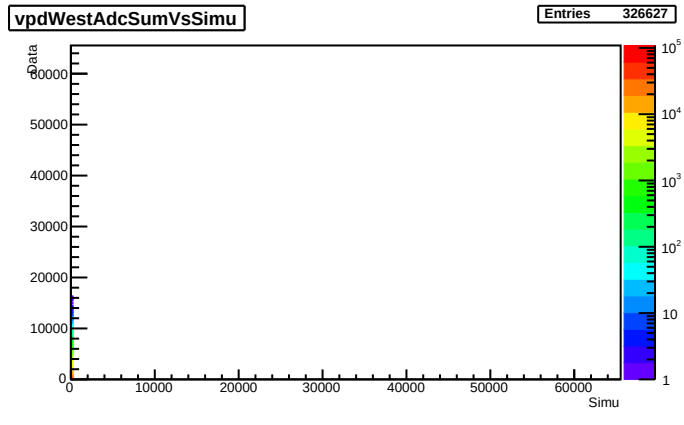

vpdEastAdcSum
Entries 440783

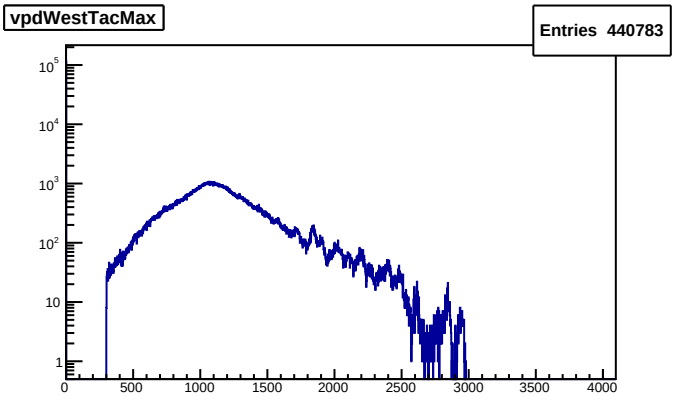

vpdEastAdcSumVsSimu
Entries 289499
Data
Simu

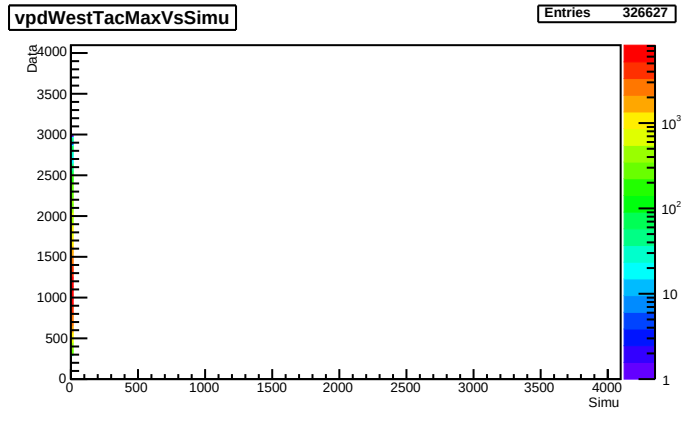

vpdEastTacMax
Entries 440783

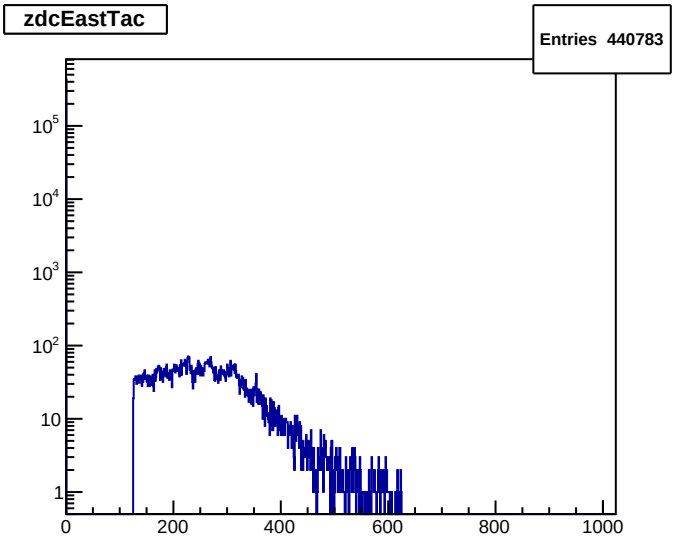

vpdEastTacMaxVsSimu
Entries 289499
Data
Simu

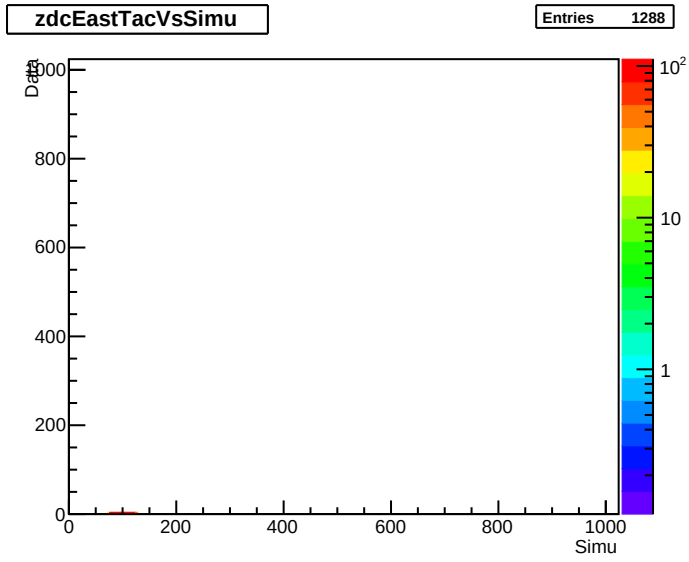

vpdWestAdcSum
Entries 440783

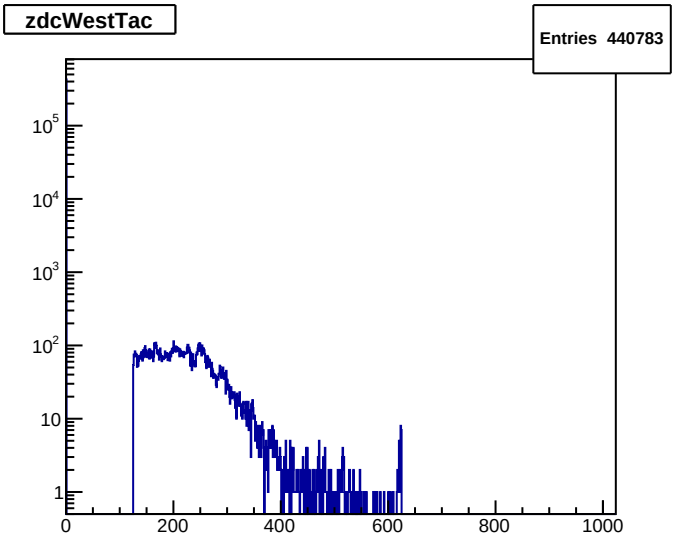

vpdWestAdcSumVsSimu
Entries 326627
Data
Simu

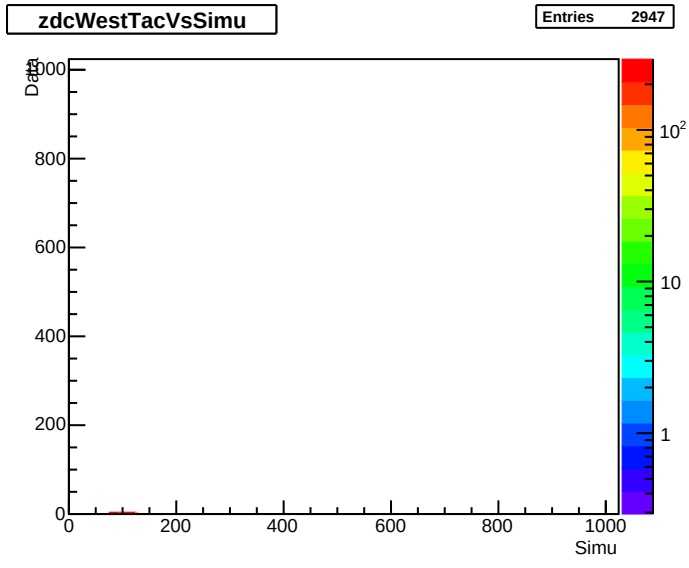

vpdWestTacMax
Entries 440783

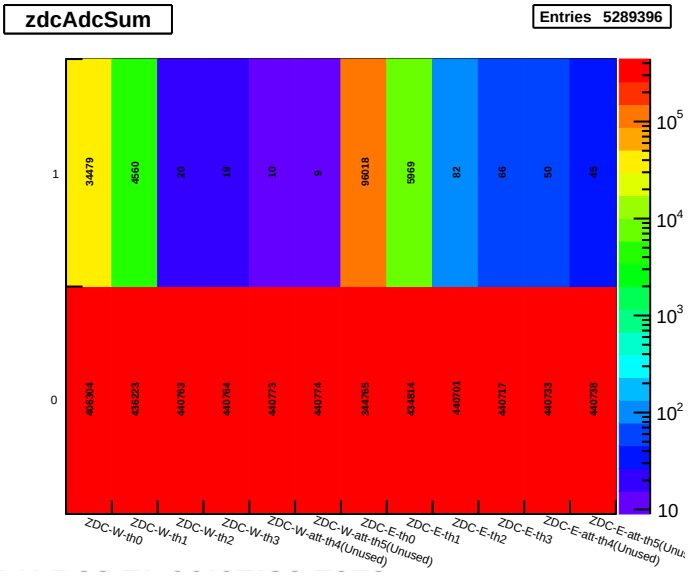

vpdWestTacMaxVsSimu
Entries 326627
Data
Simu

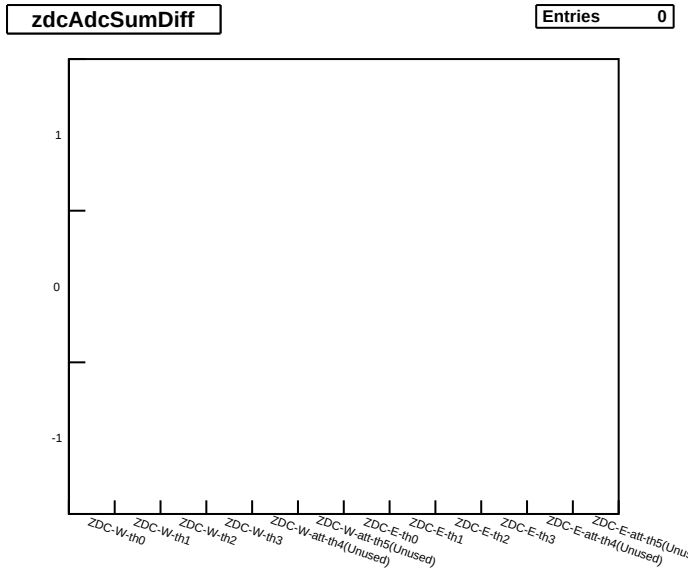

zdcEastTac
Entries 440783

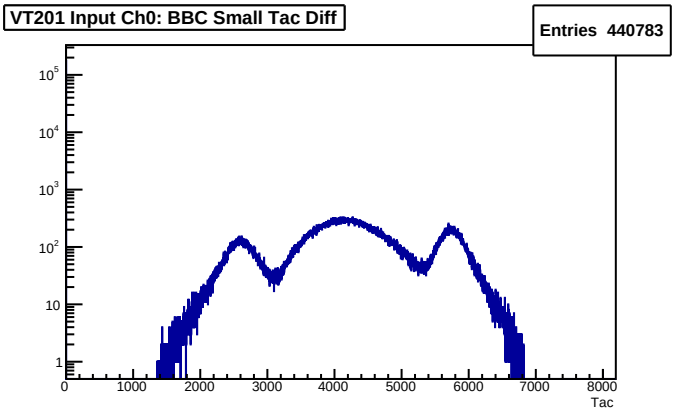

zdcEastTacVsSimu
Entries 1288
Data
Simu

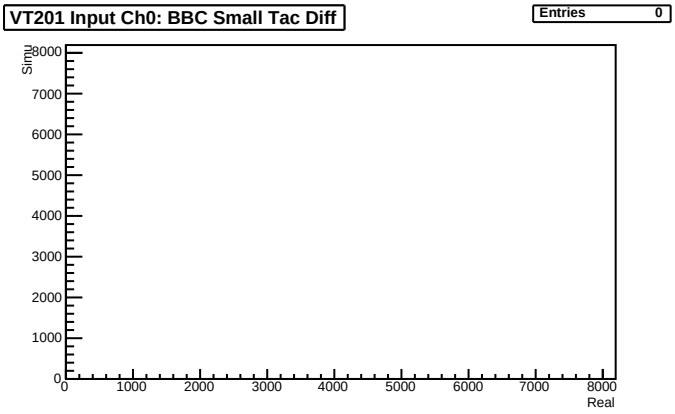

zdcWestTac
Entries 440783

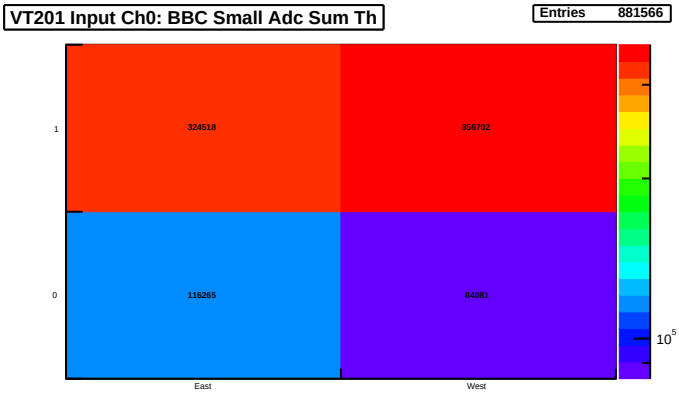

zdcWestTacVsSimu
Entries 2947
Data
Simu

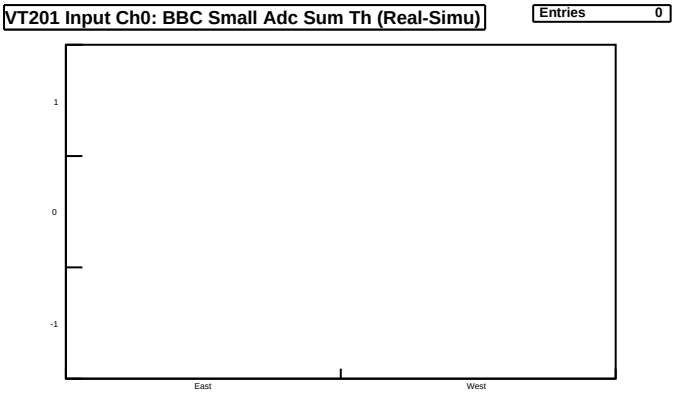

zdcAdcSum
Entries 5289396
34479
4560
20
19
10
9
96018
5969
82
66
50
45
406304
436223
440763
440764
440773
440774
344765
434814
440701
440717
440733
440738
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

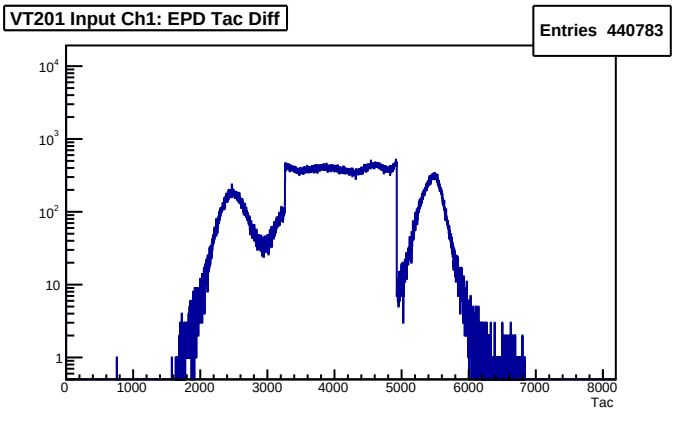

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

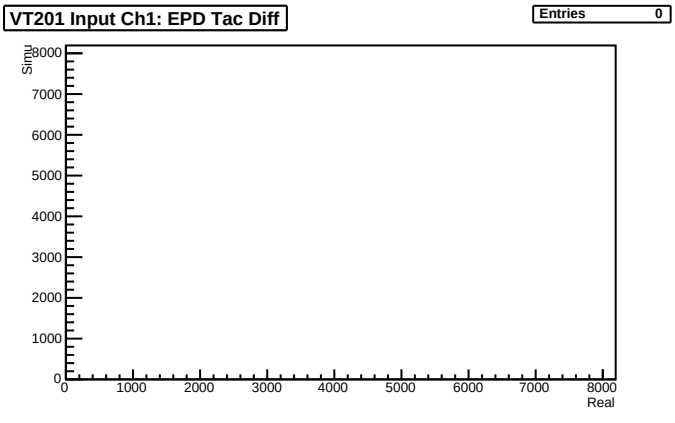

VT201 Input Ch0: BBC Small Tac Diff
Entries 440783
Tac

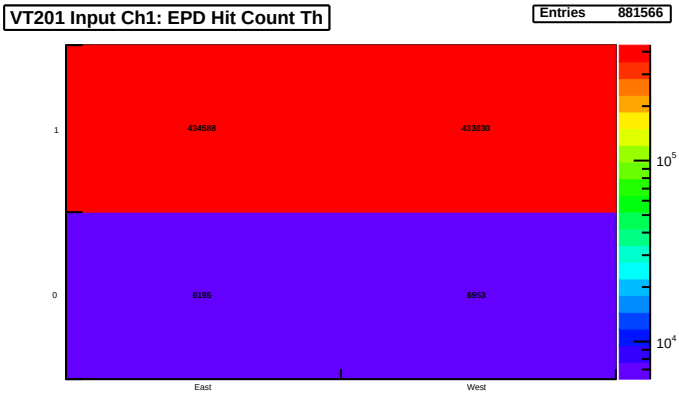

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

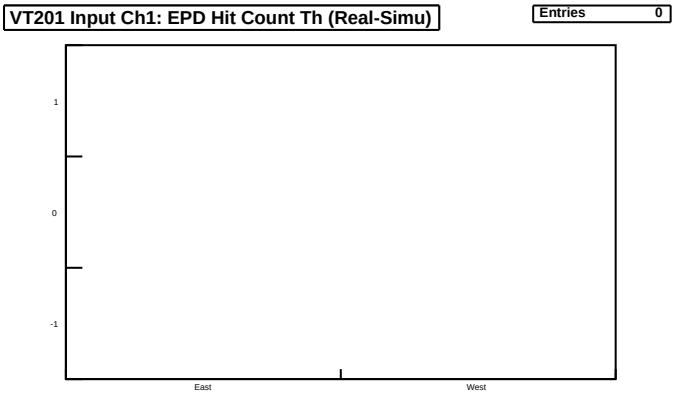

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 881566
324518
356702
116265
84081
East
West

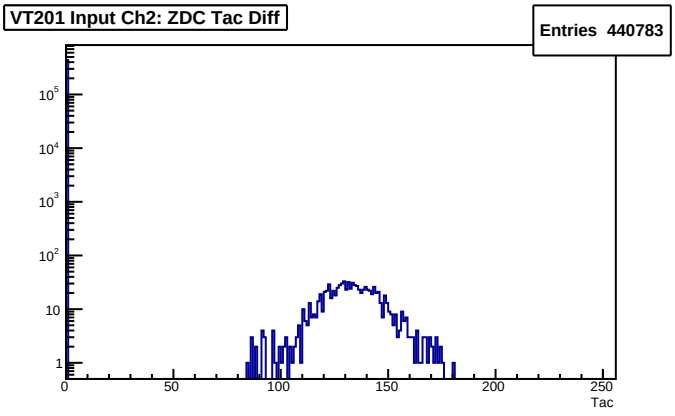

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

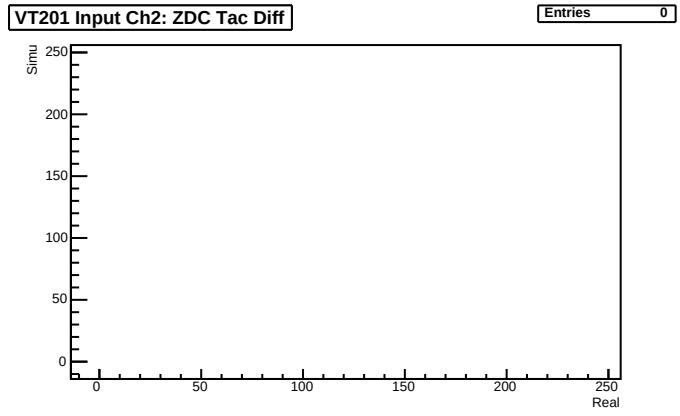

VT201 Input Ch1: EPD Tac Diff
Entries 440783
Tac

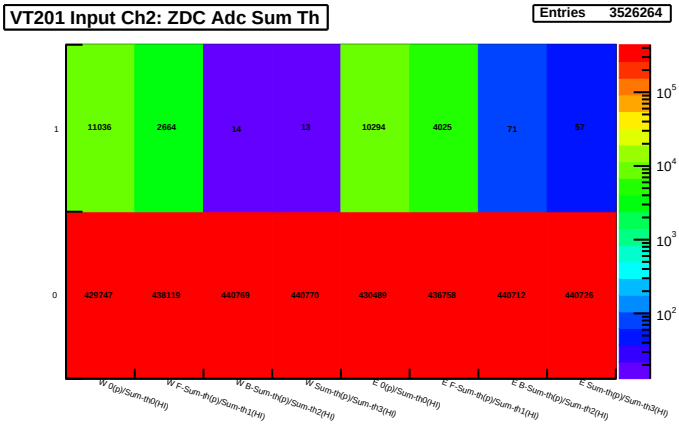

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

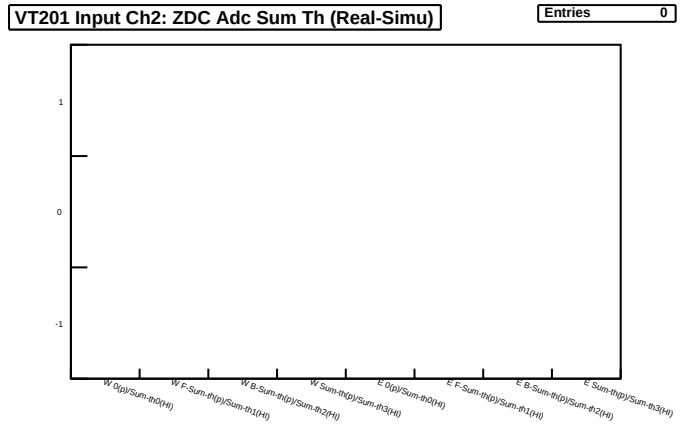

VT201 Input Ch1: EPD Hit Count Th
Entries 881566
434588
433830
6195
6953
East
West

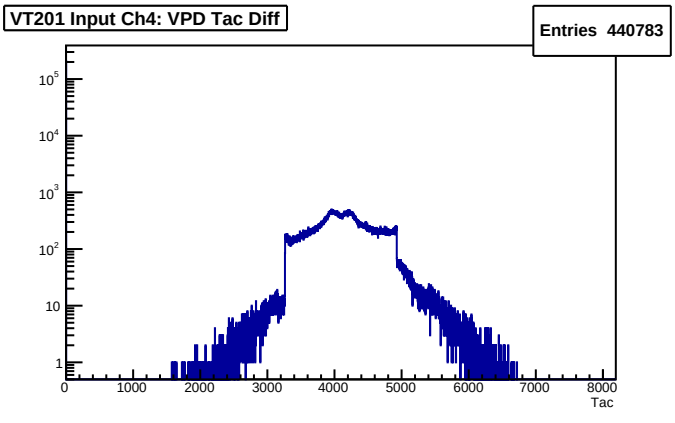

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

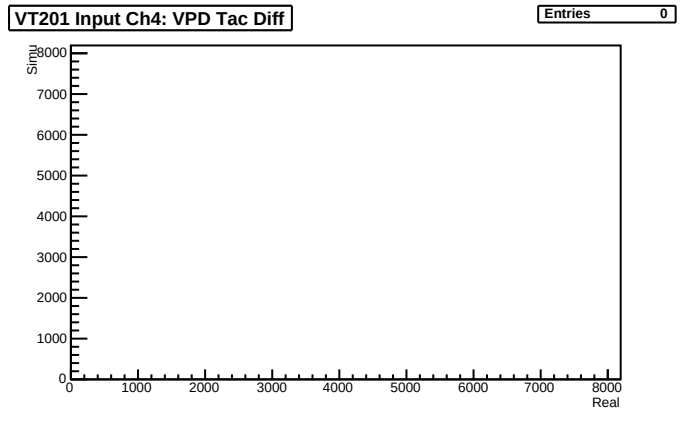

VT201 Input Ch2: ZDC Tac Diff
Entries 440783
Tac

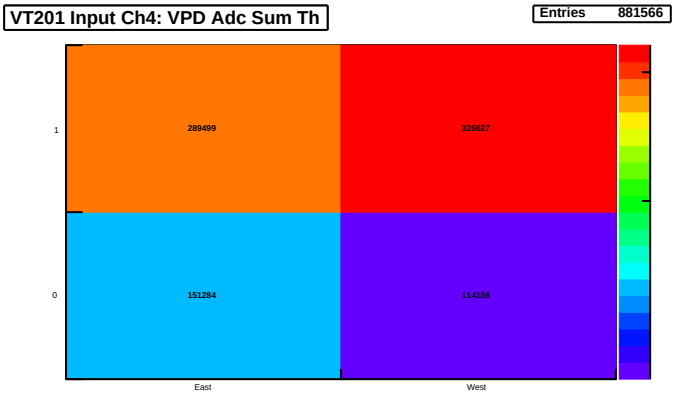

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

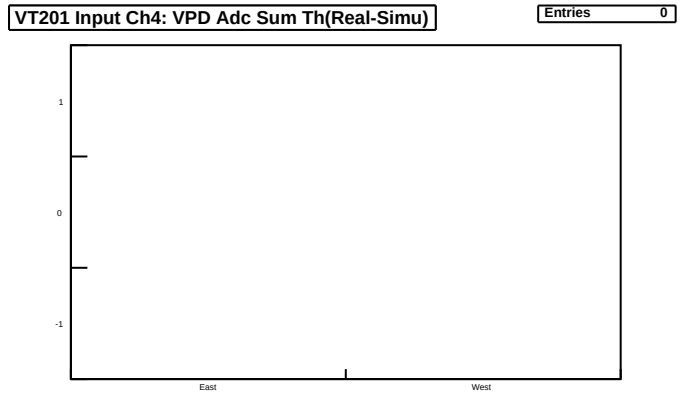

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3526264
11036
2664
14
13
10294
4025
71
57
429747
438119
440769
440770
430489
436758
440712
440726
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

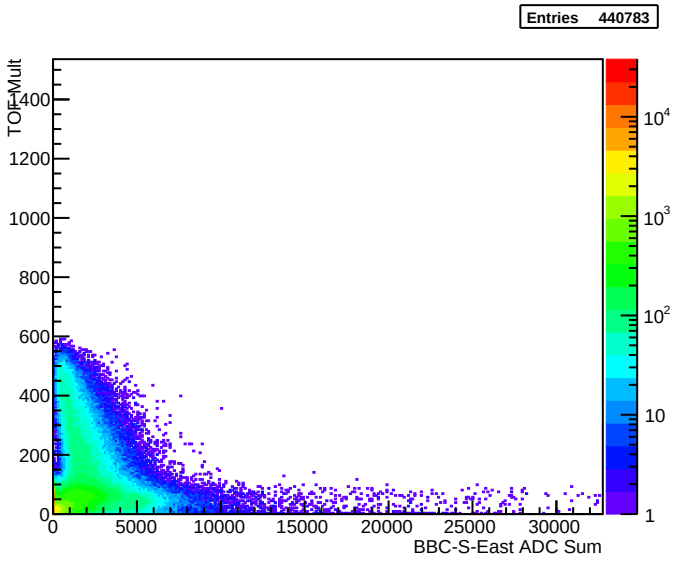

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

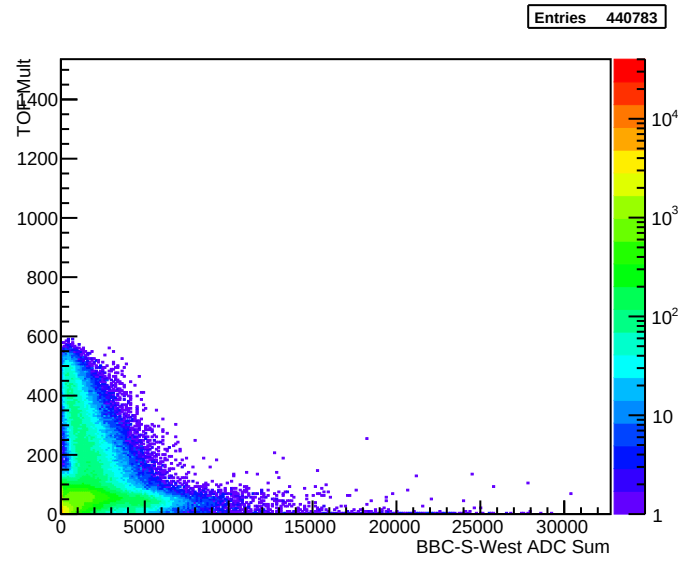

VT201 Input Ch4: VPD Tac Diff
Entries 440783
Tac

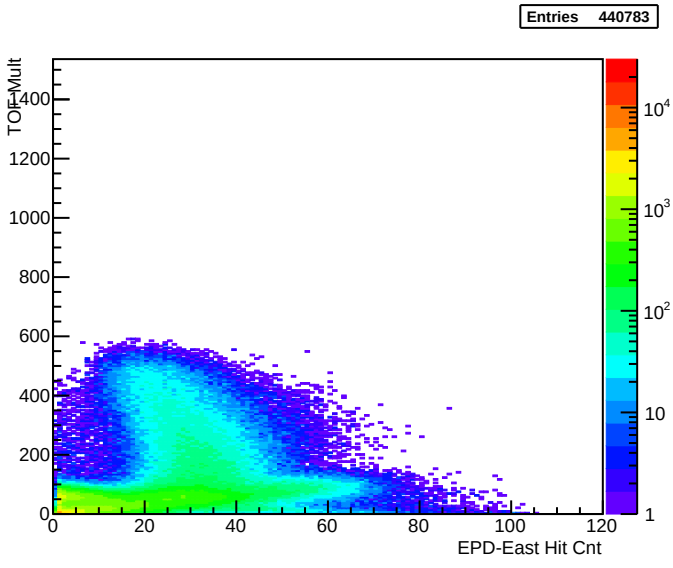

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

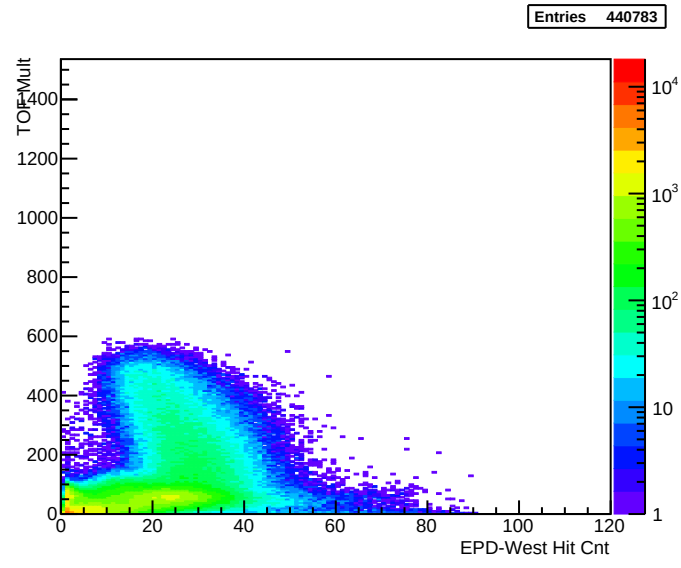

VT201 Input Ch4: VPD Adc Sum Th
Entries 881566
289499
326627
151284
114156
East
West

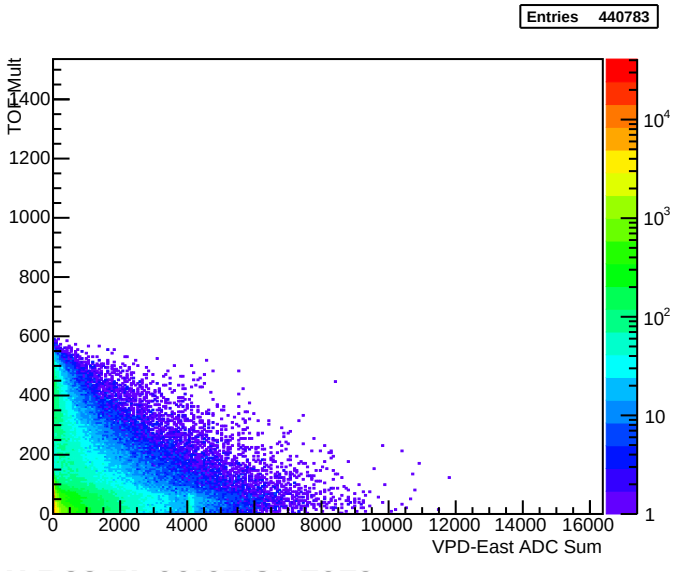

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

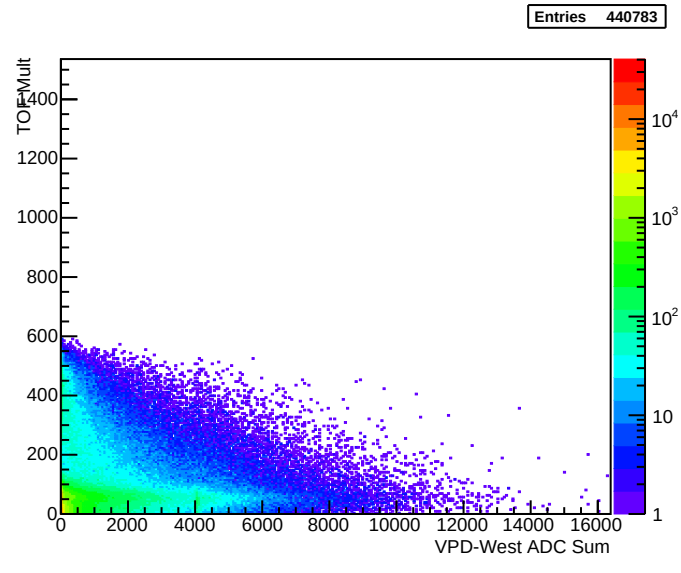

Entries 440783
TOF-Mult
BBC-S-East ADC Sum

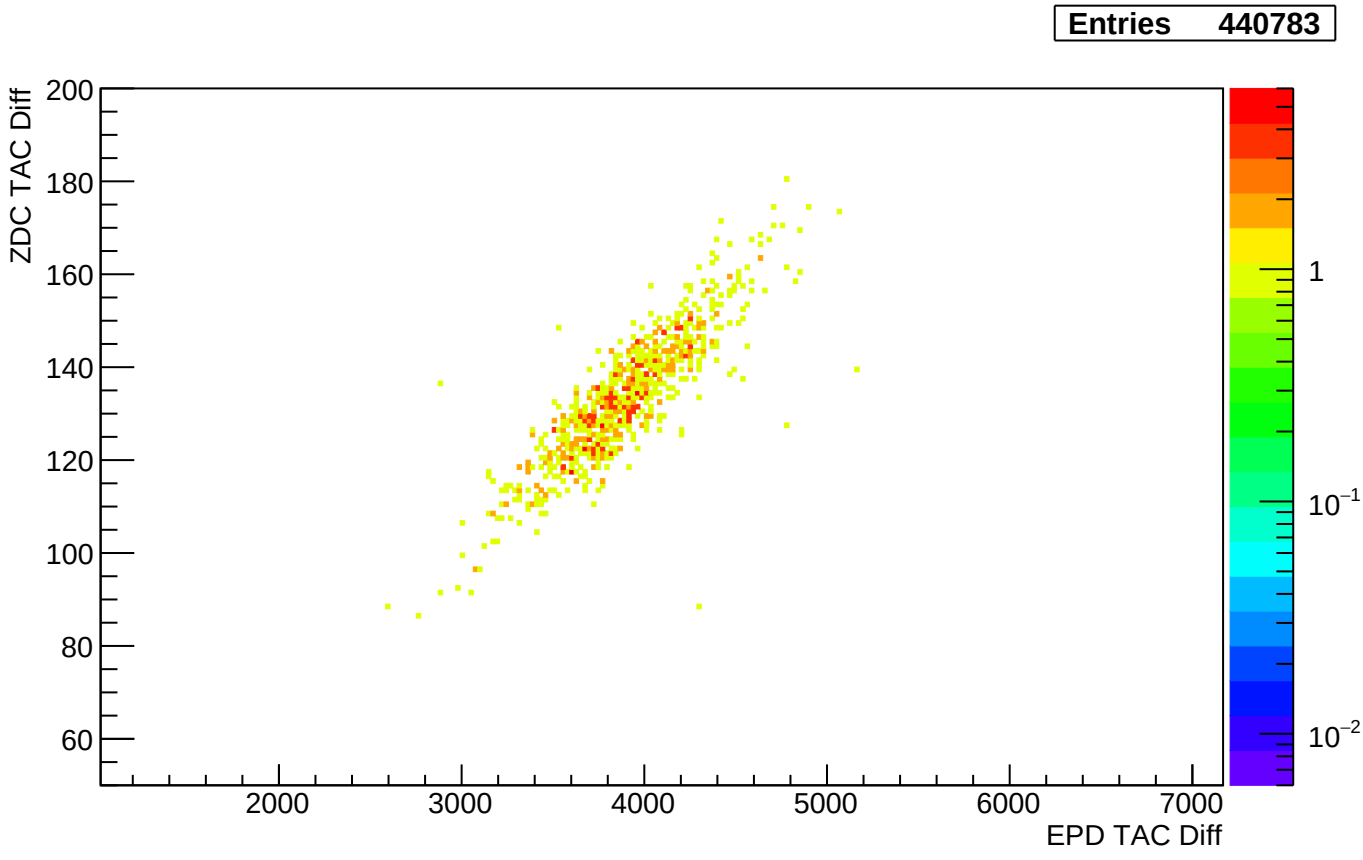

Entries 440783
TOF-Mult
BBC-S-West ADC Sum

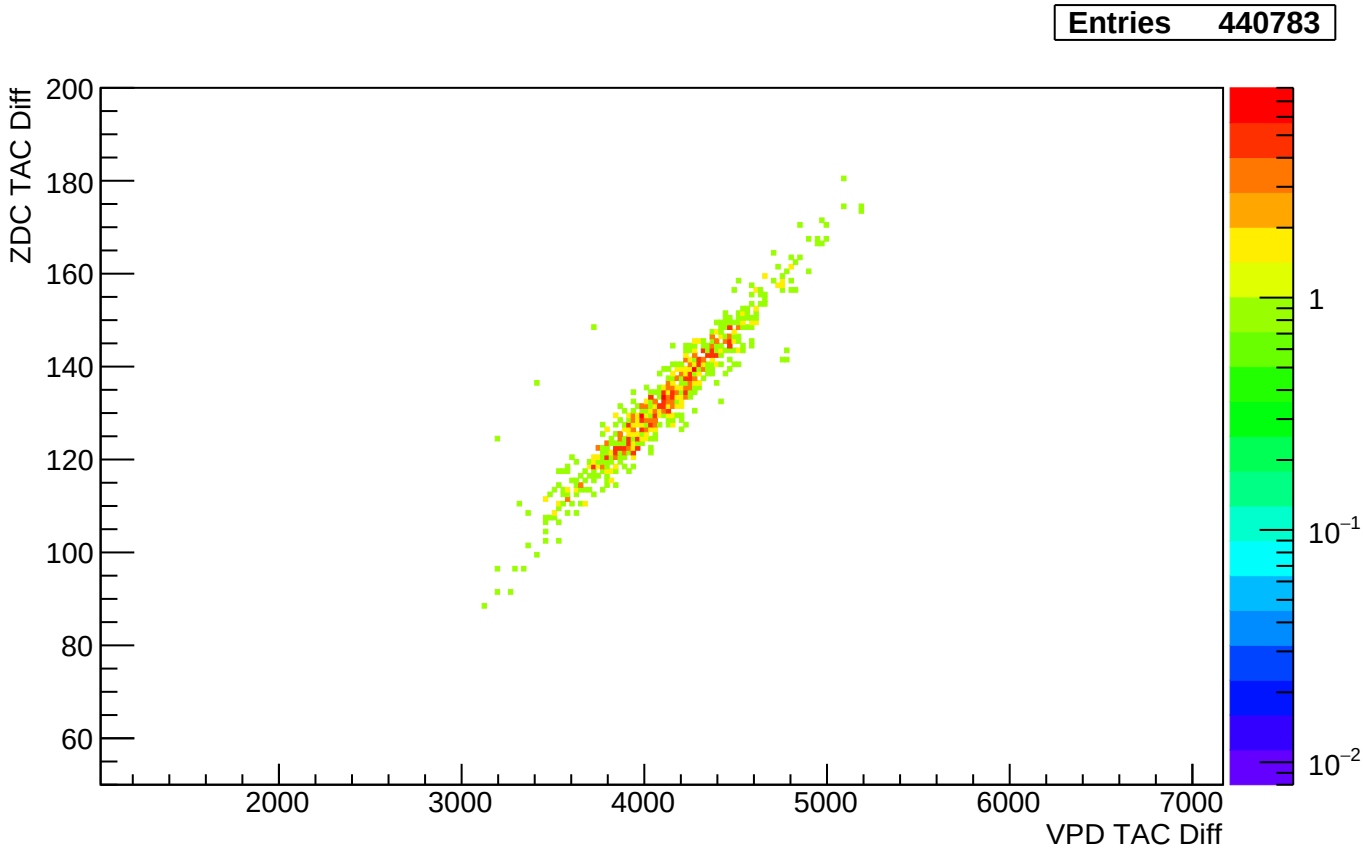

Entries 440783
TOF-Mult
EPD-East Hit Cnt

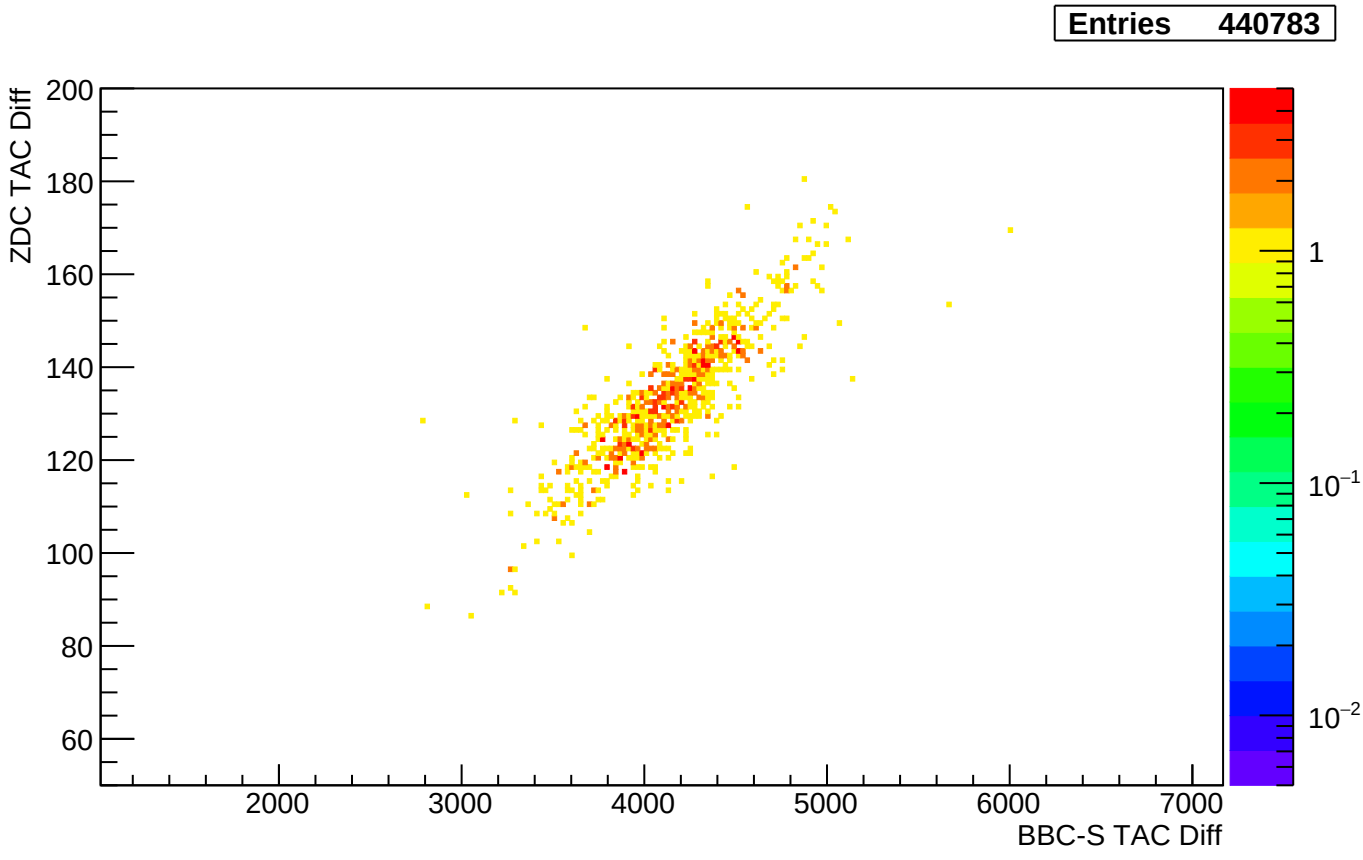

Entries 440783
TOF-Mult
EPD-West Hit Cnt

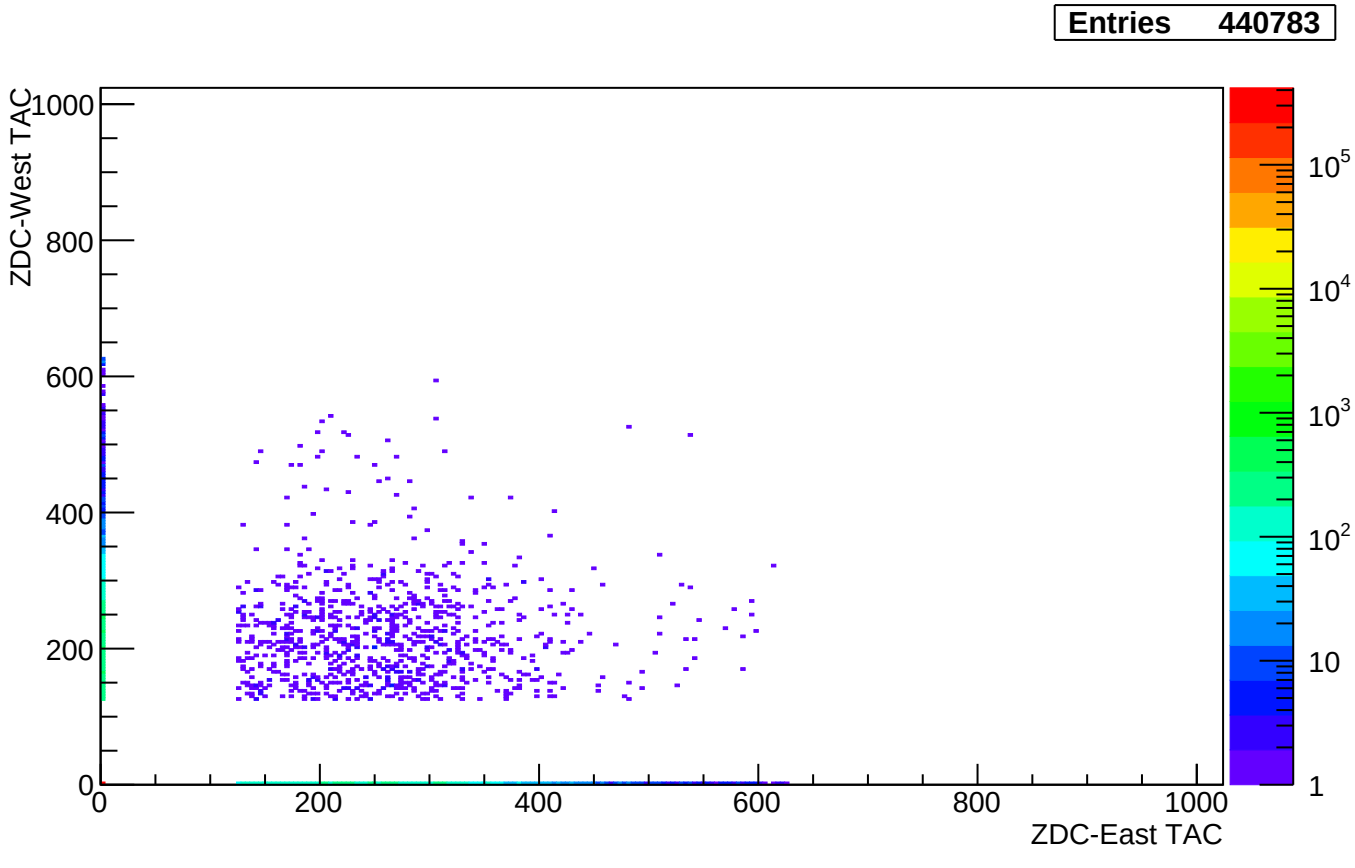

Entries 440783
TOF-Mult
VPD-East ADC Sum

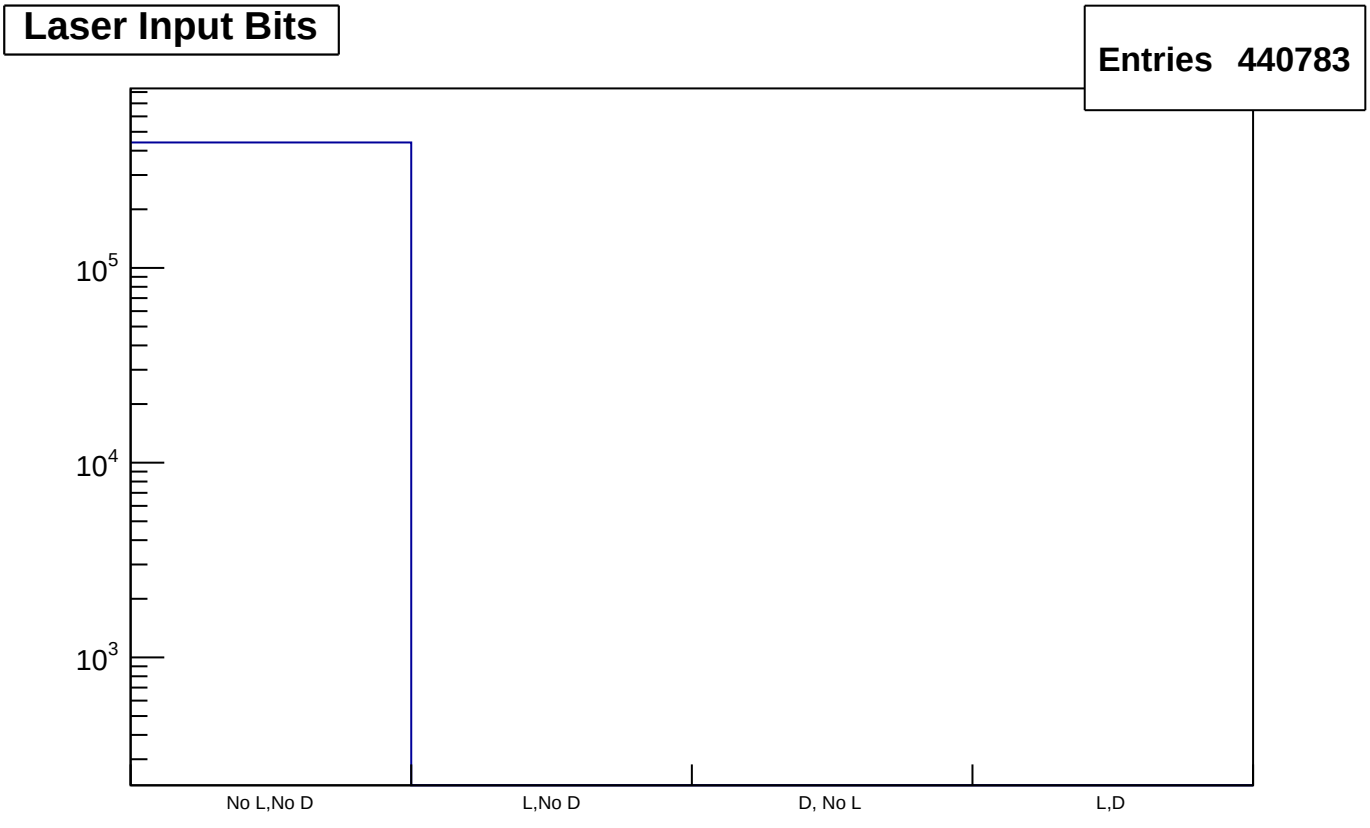

Entries 440783
TOF-Mult
VPD-West ADC Sum

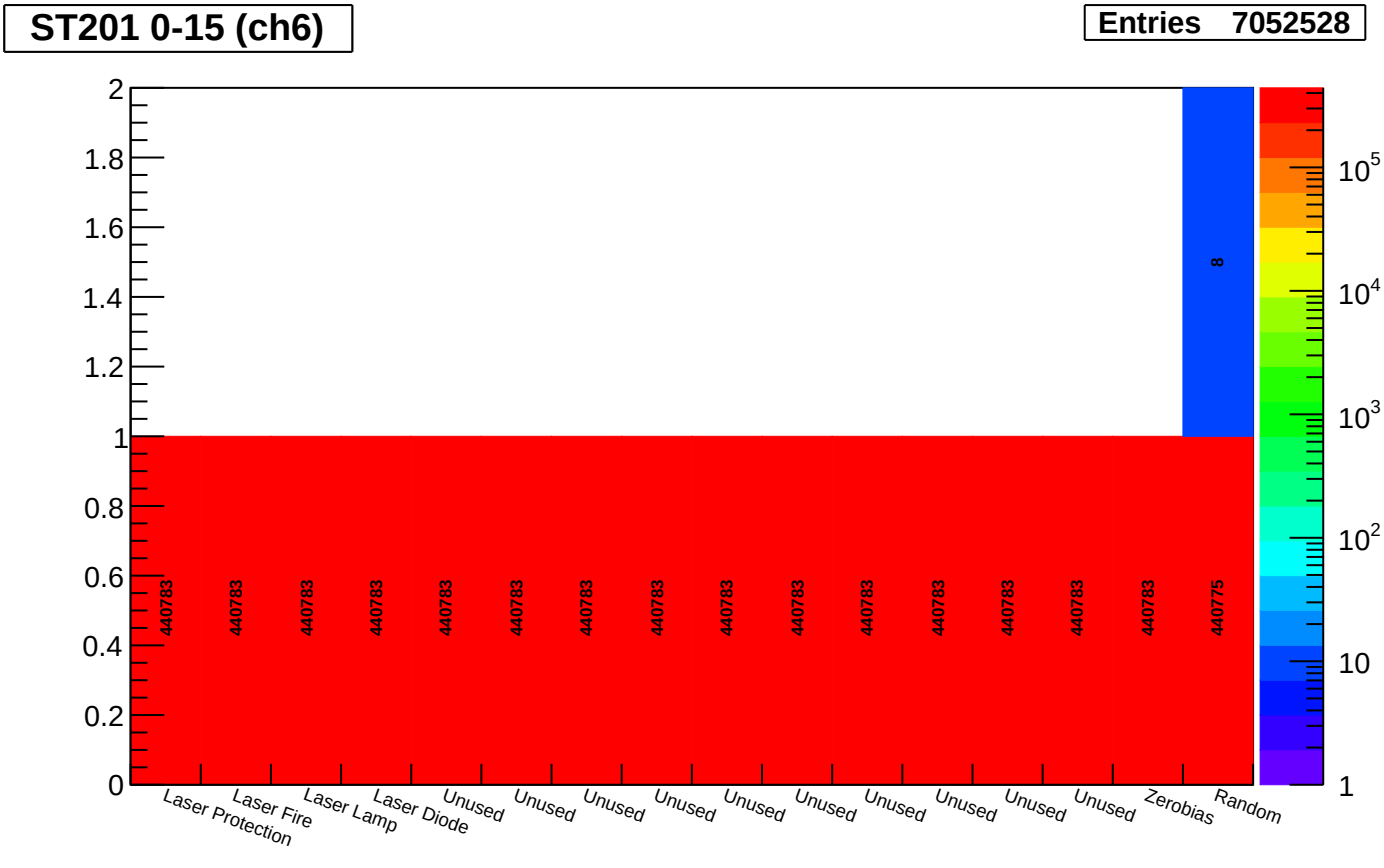

Entries 440783
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

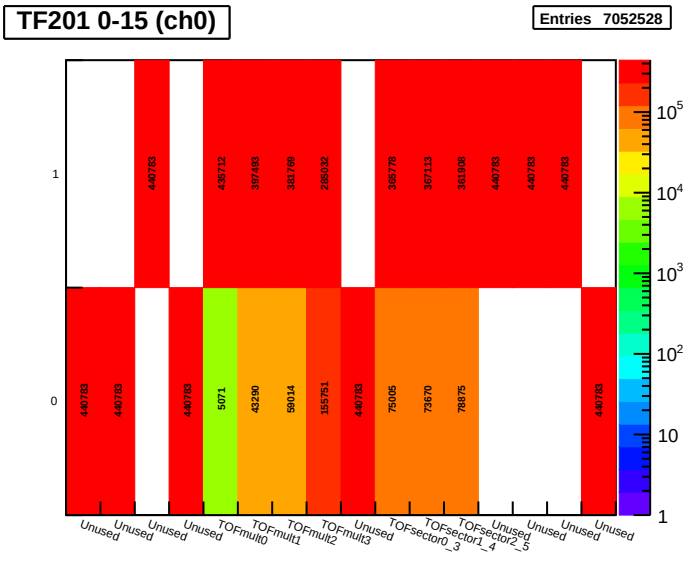

Entries 440783
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

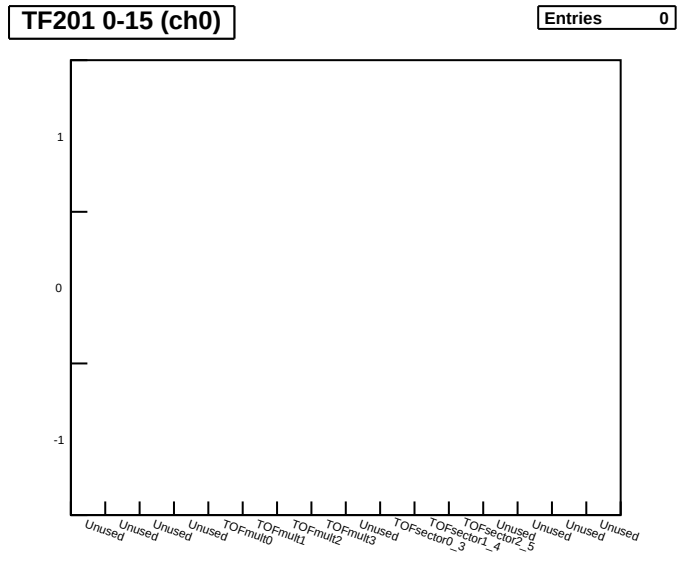

Entries 440783
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

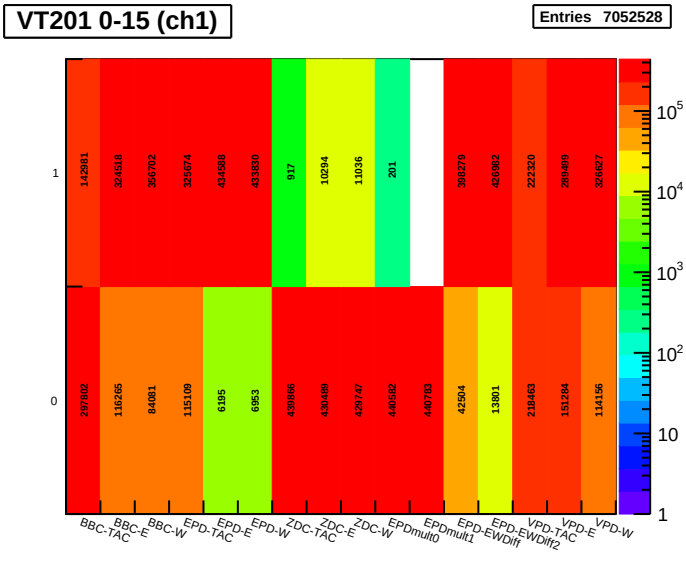

Entries 440783
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

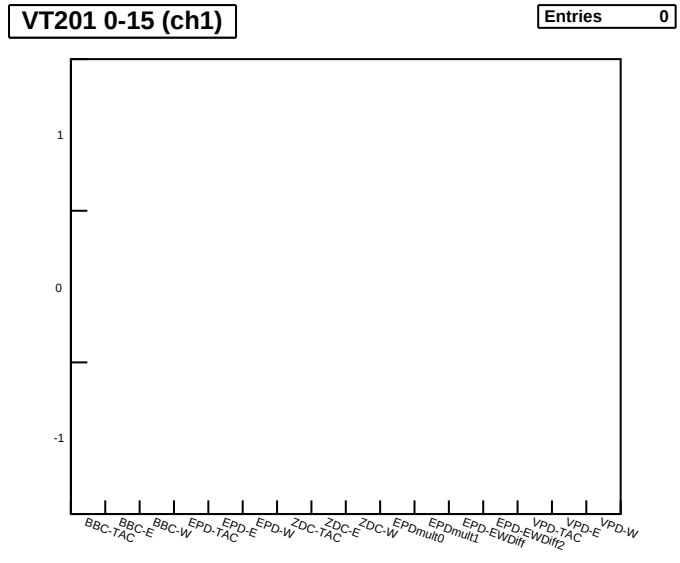

Laser Input Bits
Entries 440783
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

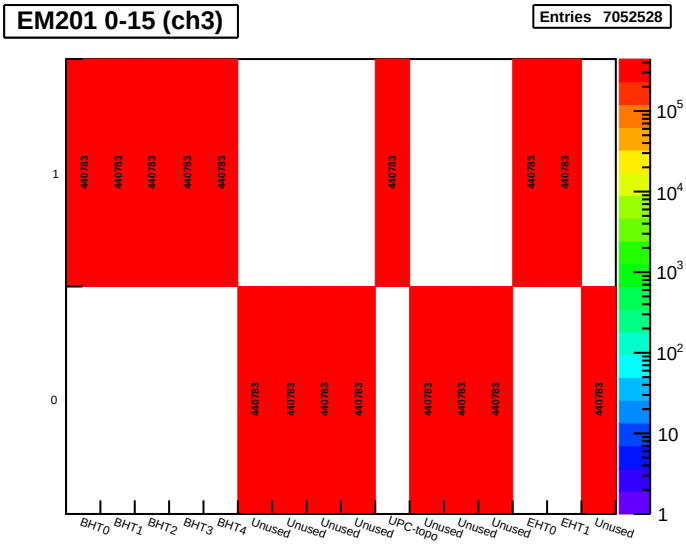

ST201 0-15 (ch6)
Entries 7052528
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440775
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

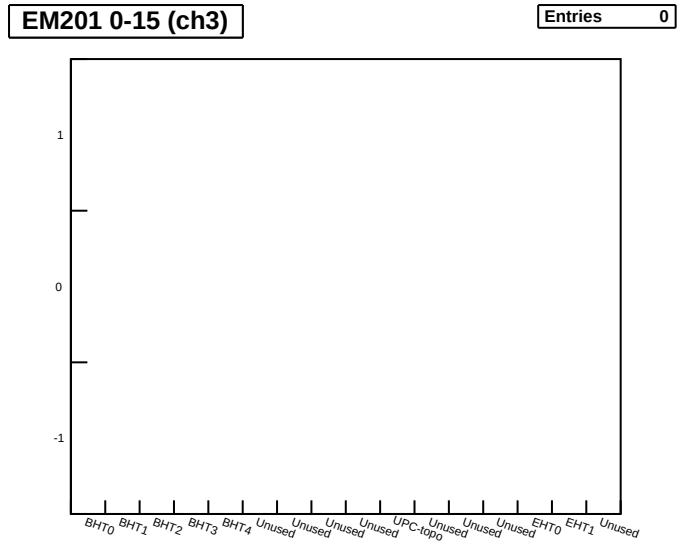

TF201 0-15 (ch0)
Entries 7052528
1
0
440783
435712
397493
381769
295032
365778
357113
351908
440783
440783
440783
440783
440783
5071
43290
59014
155751
440783
75005
73670
78875
440783
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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


VT201 0-15 (ch1)
Entries 7052528
1
0
142981
324518
356702
325674
434588
433830
917
10294
11036
201
398279
426982
222320
289499
326627
297802
116265
84081
115109
6195
6953
438866
430489
429747
440582
440783
42504
13801
218463
151284
114156
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 7052528
1
0
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
440783
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