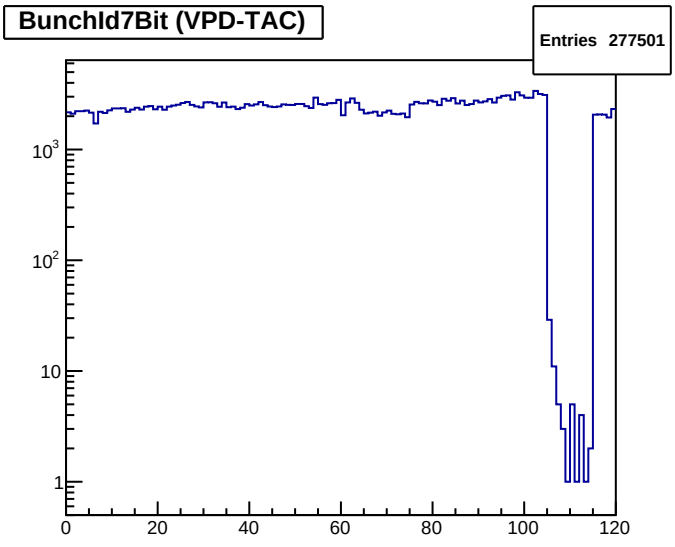
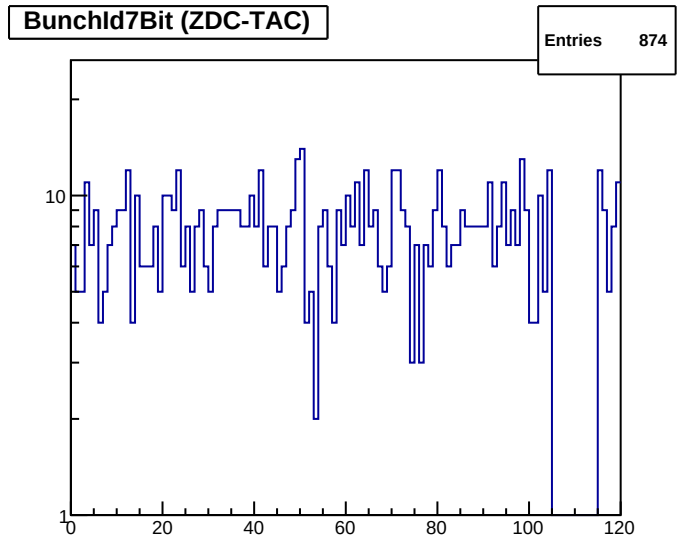
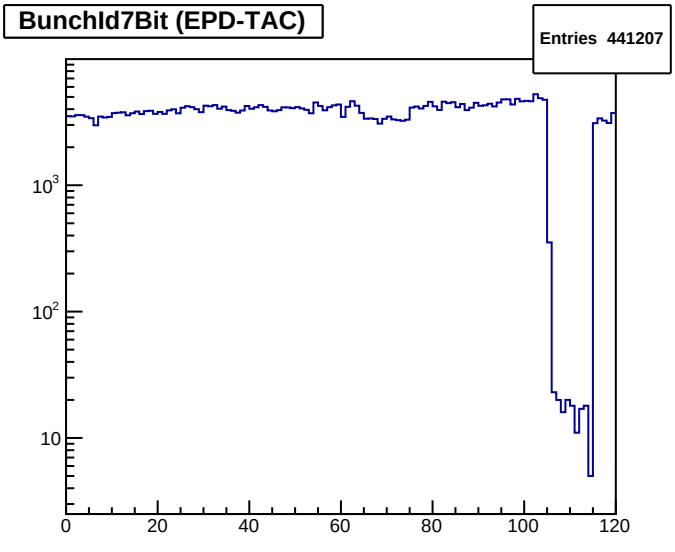
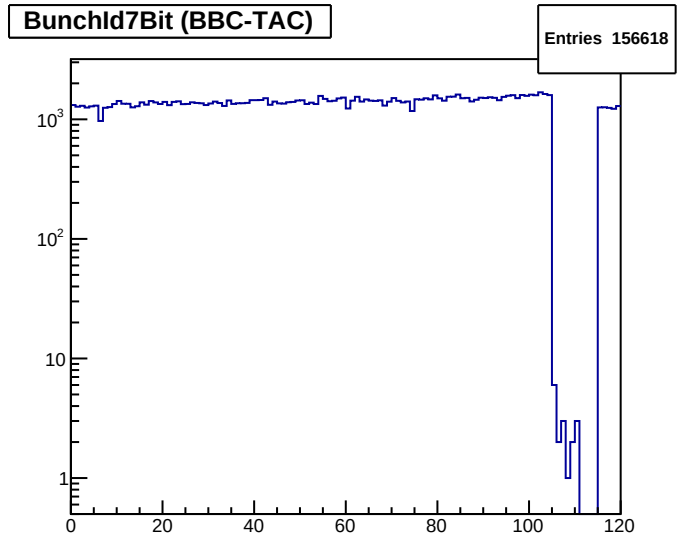
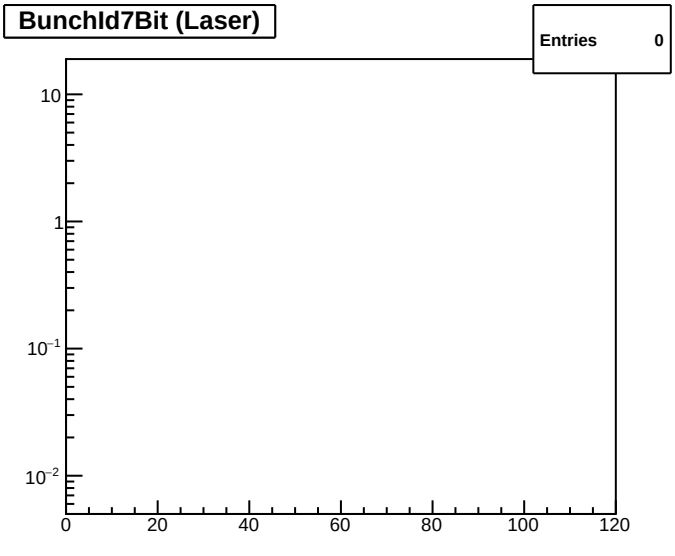
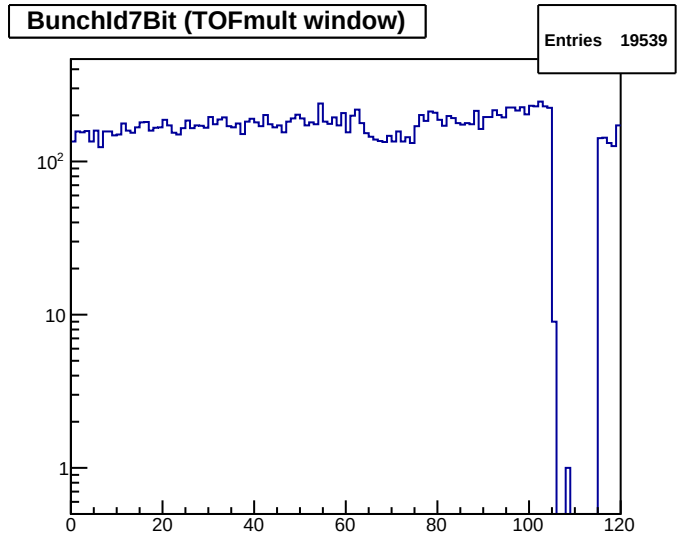

BunchId7Bit (VPD-TAC)
Entries 277501

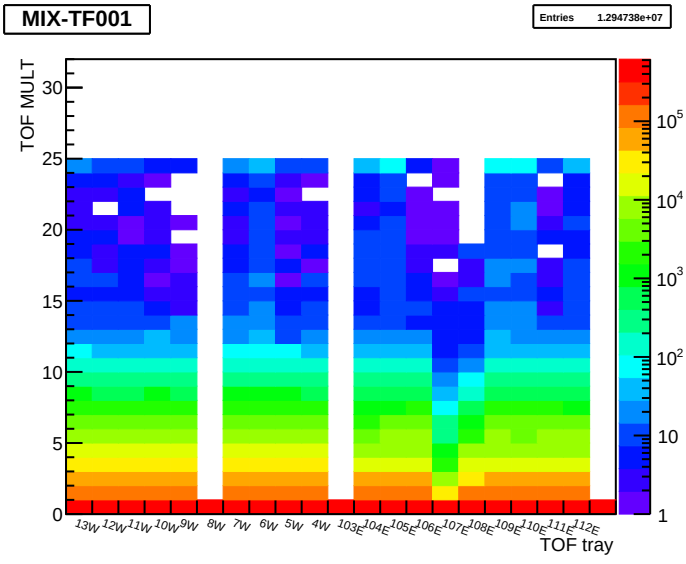

BunchId7Bit (ZDC-TAC)
Entries 874

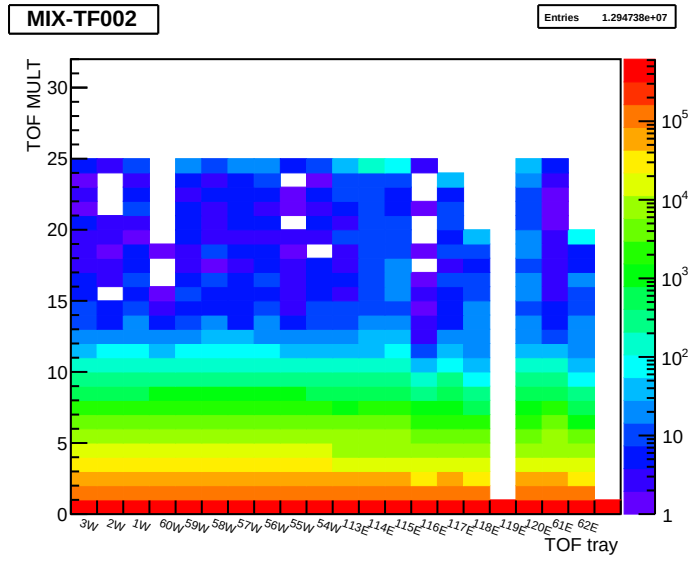

BunchId7Bit (EPD-TAC)
Entries 441207

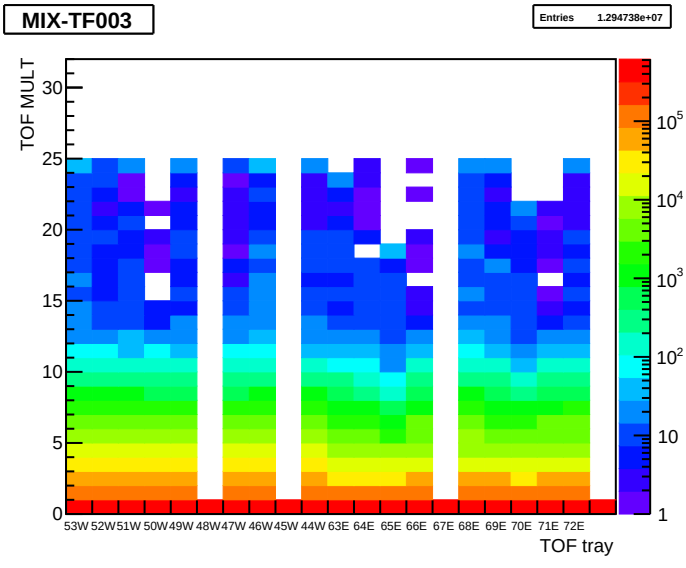

BunchId7Bit (BBC-TAC)
Entries 156618

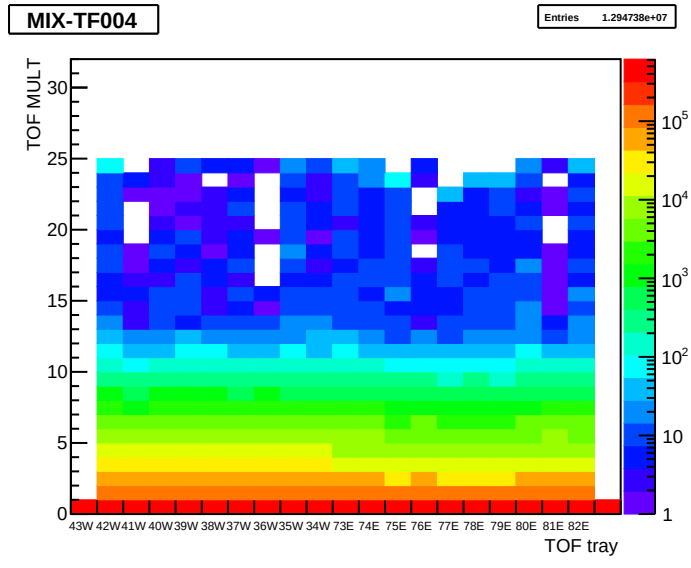

BunchId7Bit (Laser)
Entries 0

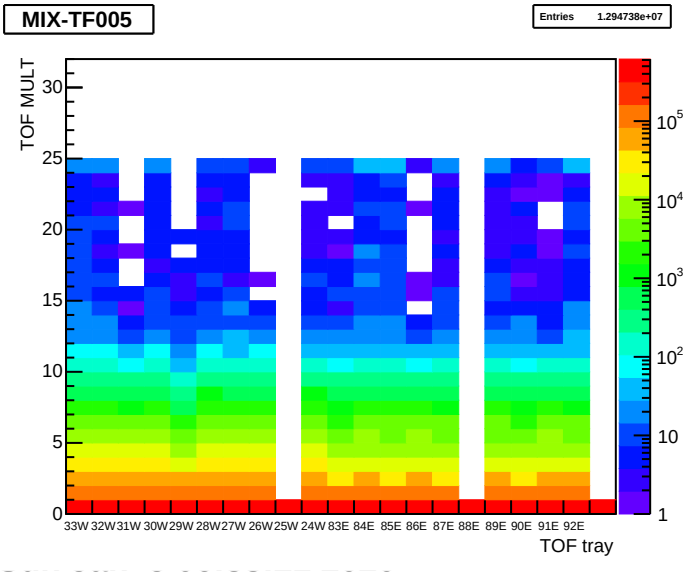

BunchId7Bit (TOFmult window)
Entries 19539

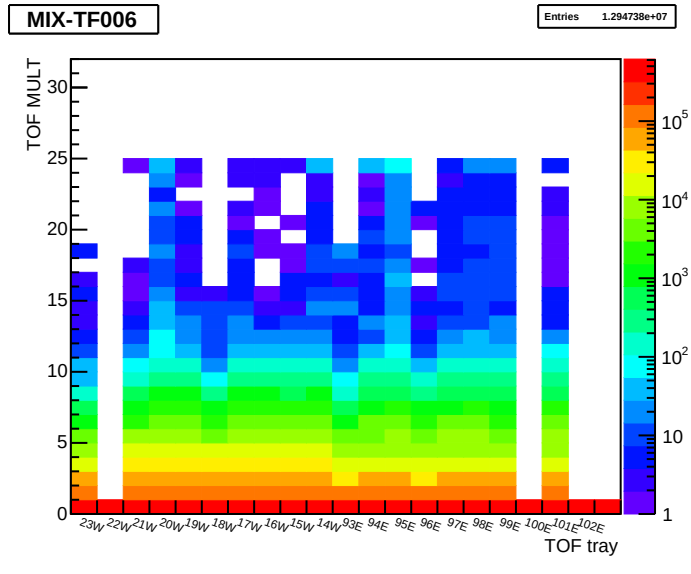

MIX-TF001
Entries 1.294738e+07
TOF MULT
TOF tray

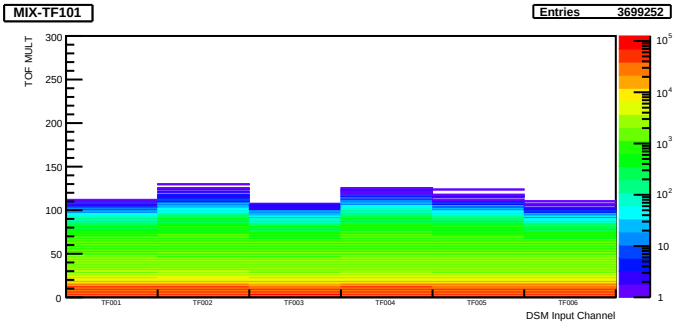

MIX-TF002
Entries 1.294738e+07
TOF MULT
TOF tray

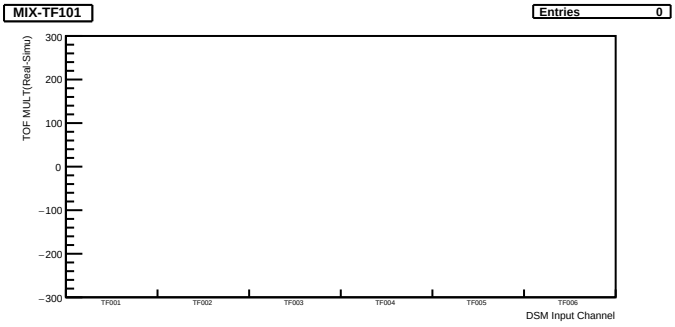

MIX-TF003
Entries 1.294738e+07
TOF MULT
TOF tray

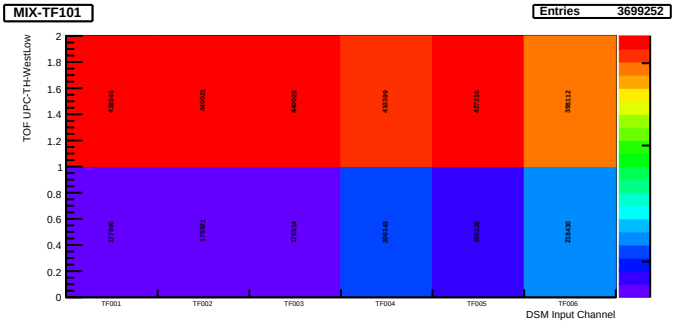

MIX-TF004
Entries 1.294738e+07
TOF MULT
TOF tray

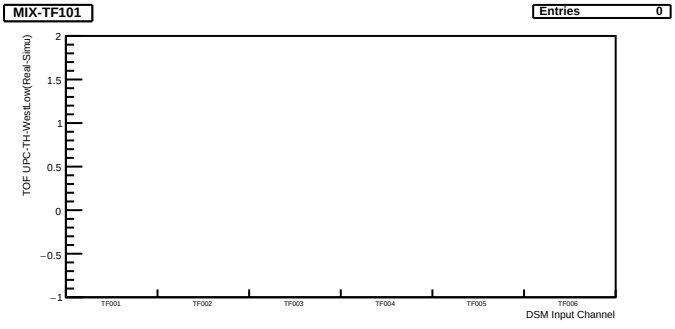

MIX-TF005
Entries 1.294738e+07
TOF MULT
TOF tray

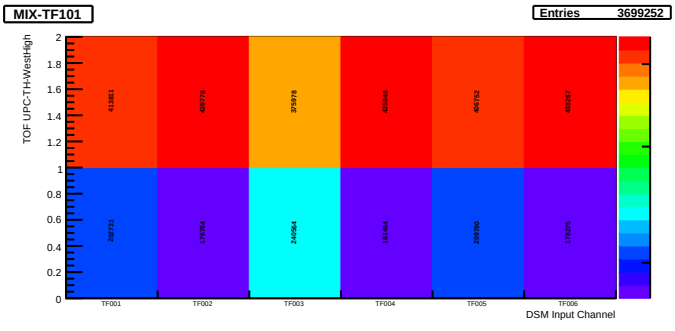

MIX-TF006
Entries 1.294738e+07
TOF MULT
TOF tray

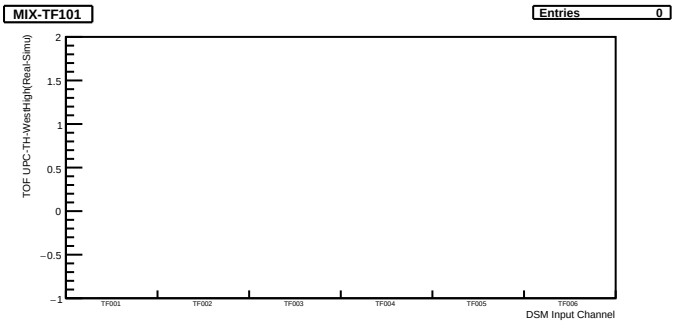

MIX-TF101
Entries 3699252
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

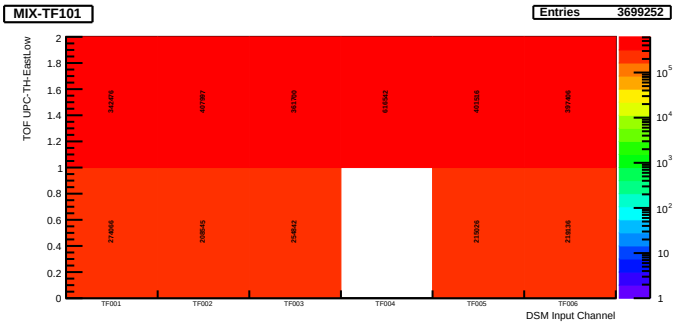

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

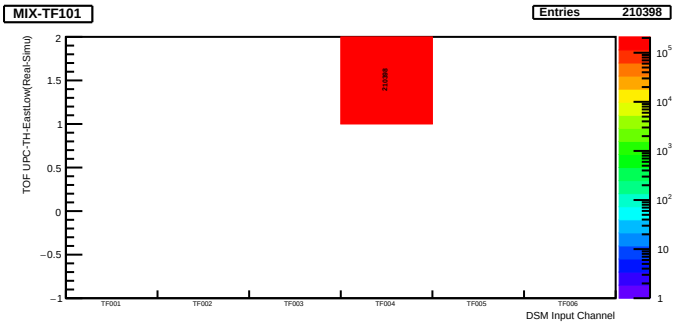

MIX-TF101
Entries 3699252
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

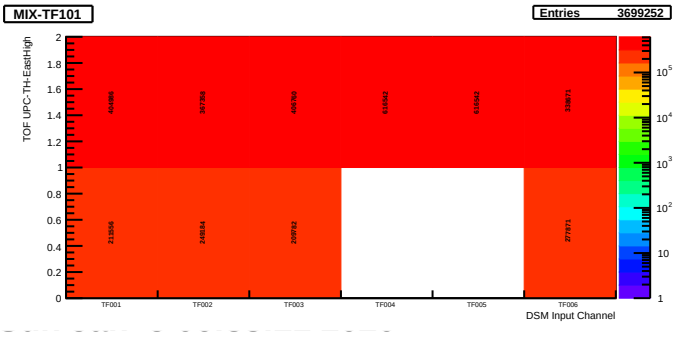

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

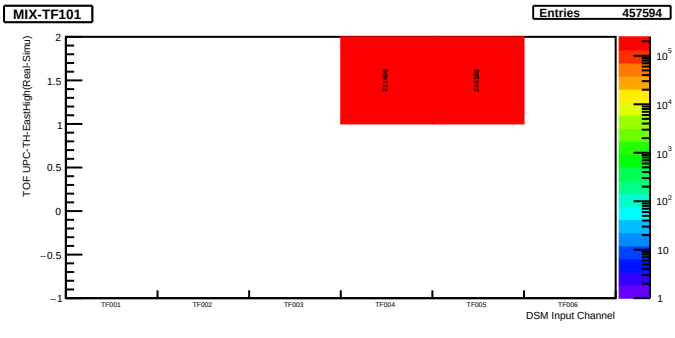

MIX-TF101
Entries 3699252
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

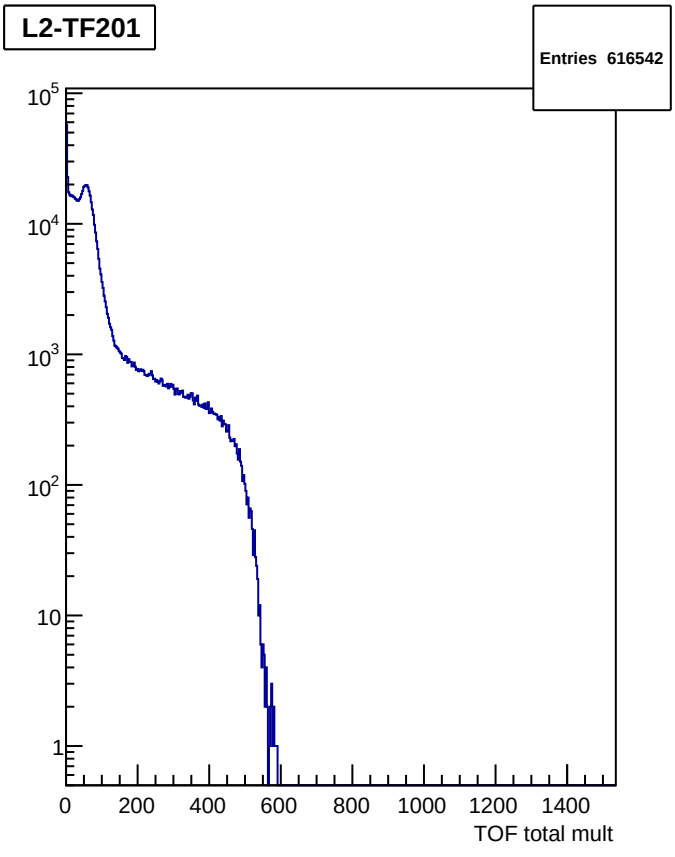

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

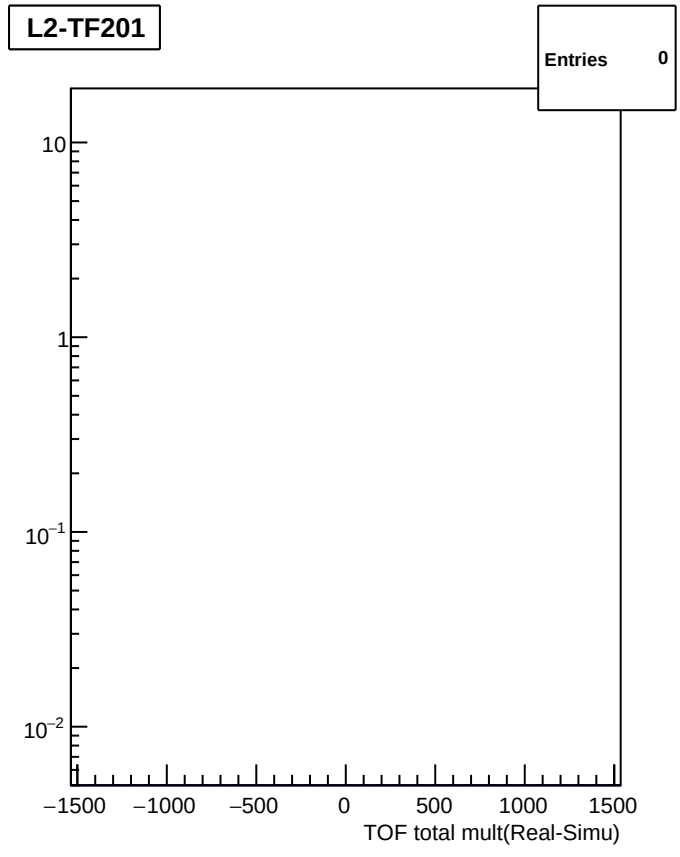

MIX-TF101
Entries 3699252
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

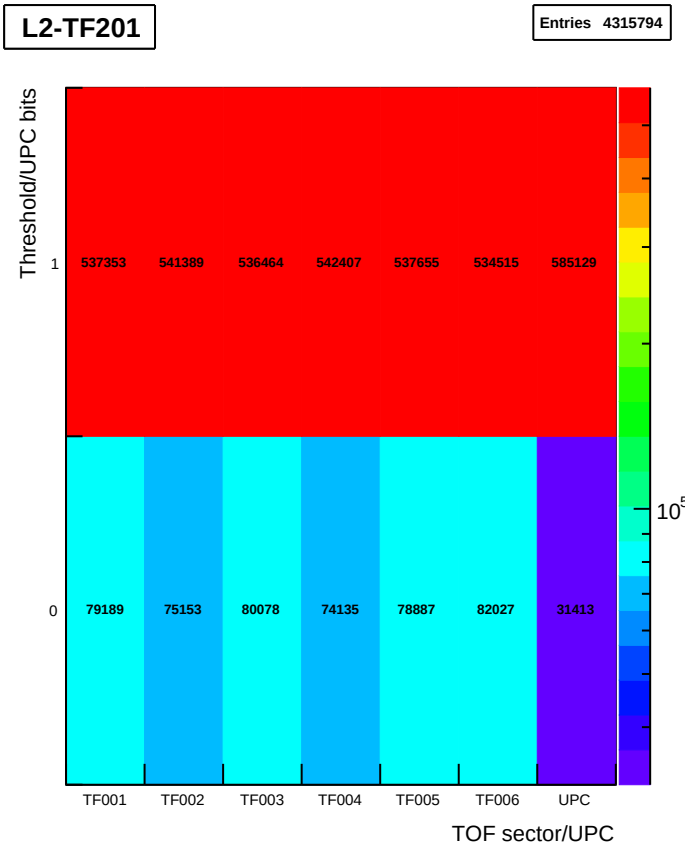

MIX-TF101
Entries 210398
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

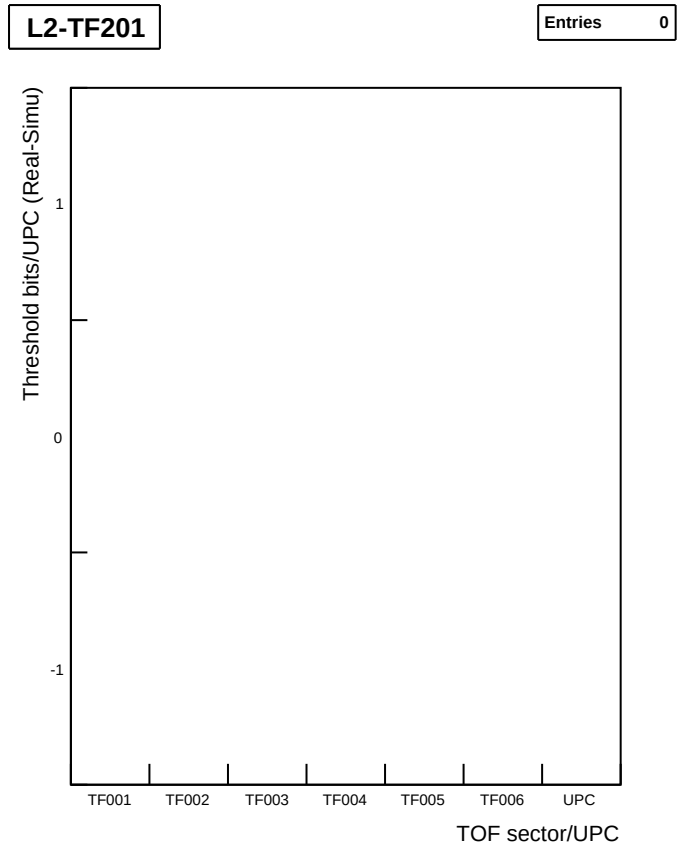

MIX-TF101
Entries 3699252
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

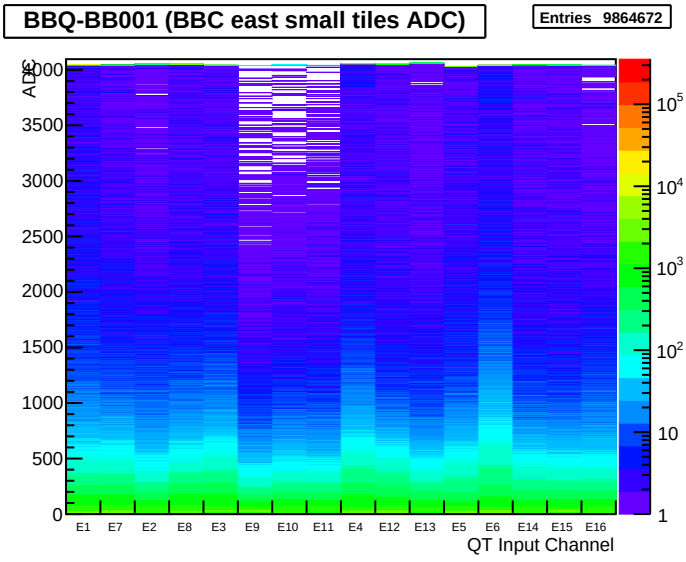

MIX-TF101
Entries 457594
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

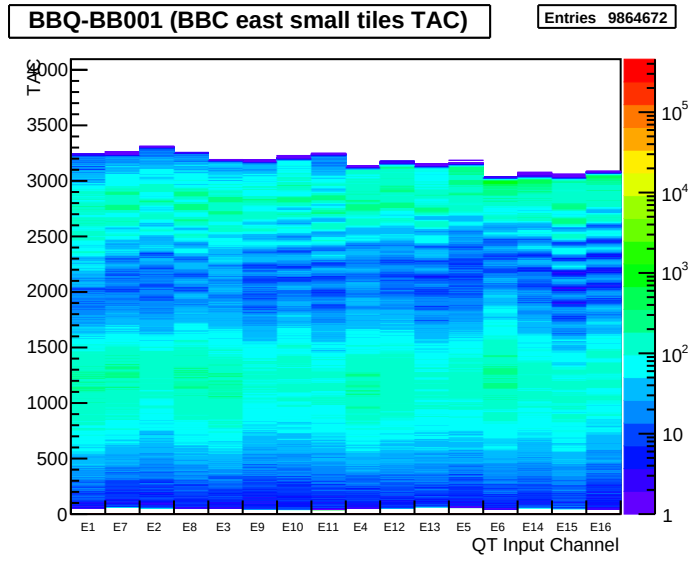

L2-TF201
Entries 616542
TOF total mult

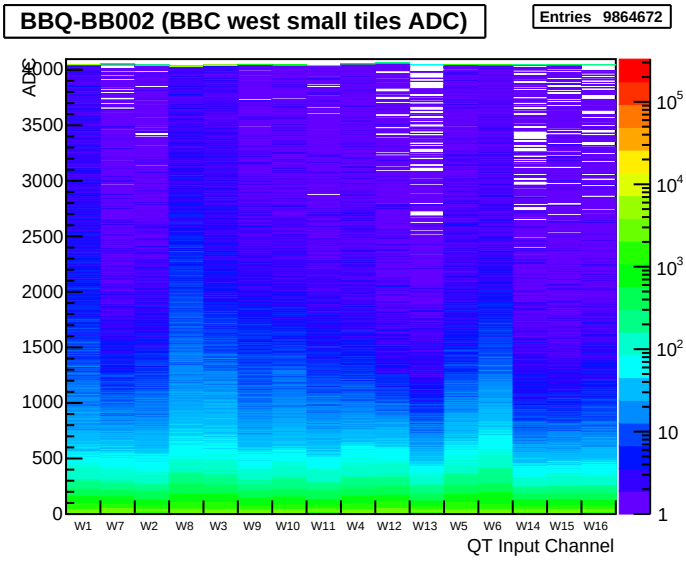

L2-TF201
Entries 0
TOF total mult(Real-Simu)

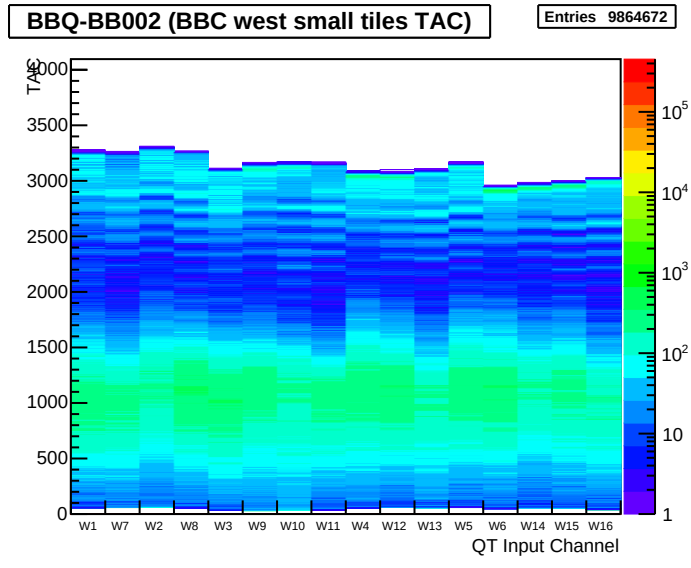

L2-TF201
Entries 4315794
Threshold/UPC bits
537353
541389
536464
542407
537655
534515
585129
79189
75153
80078
74135
78887
82027
31413
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

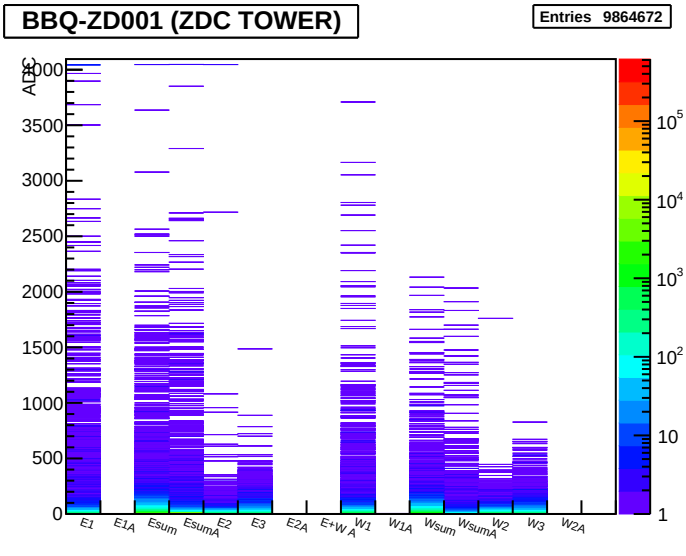

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

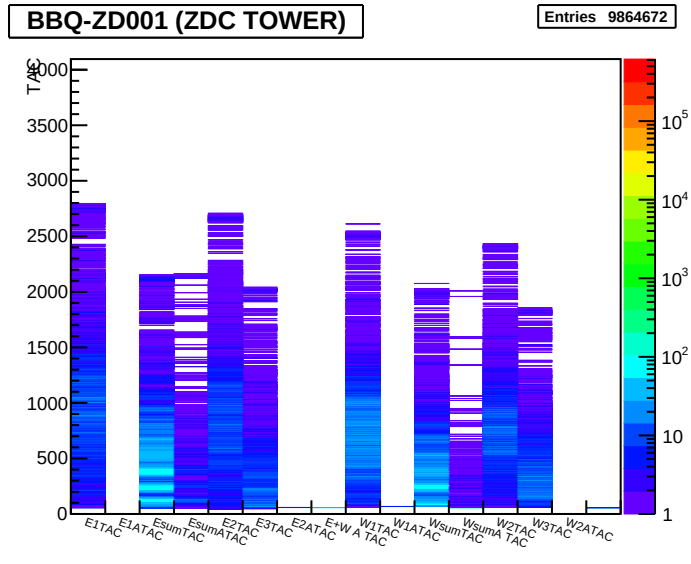

BBQ-BB001 (BBC east small tiles ADC)
Entries 9864672
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

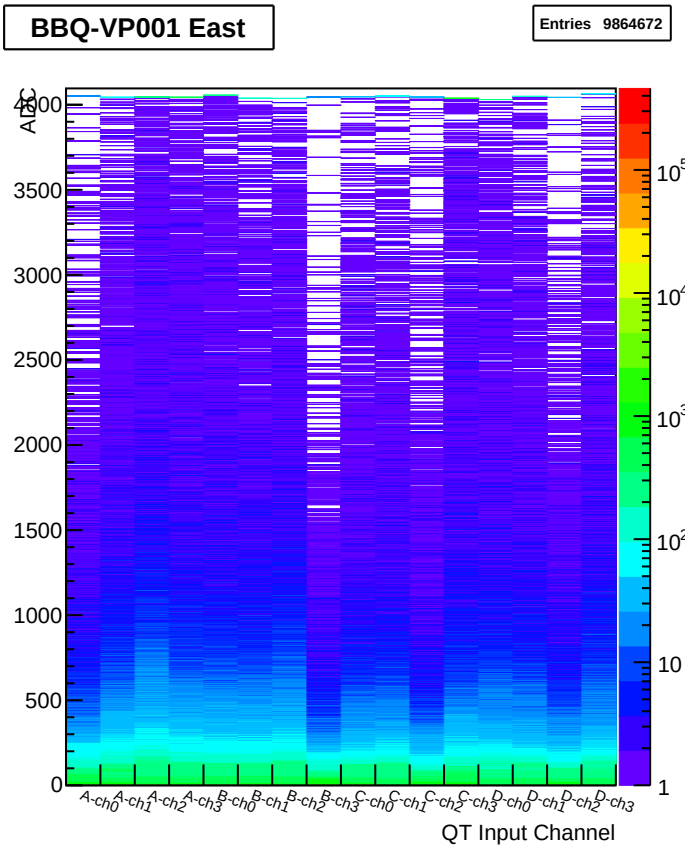

BBQ-BB001 (BBC east small tiles TAC)
Entries 9864672
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

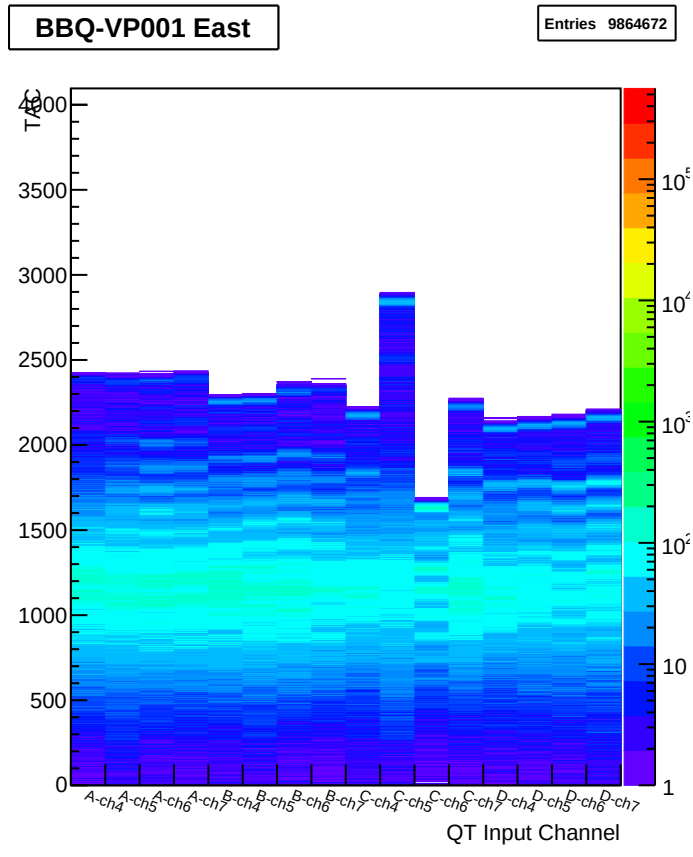

BBQ-BB002 (BBC west small tiles ADC)
Entries 9864672
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

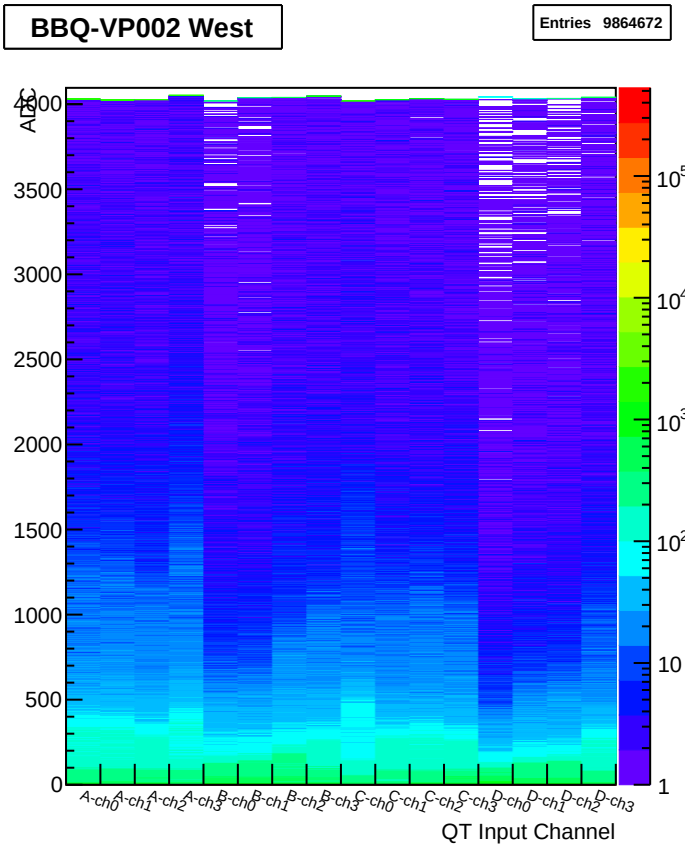

BBQ-BB002 (BBC west small tiles TAC)
Entries 9864672
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

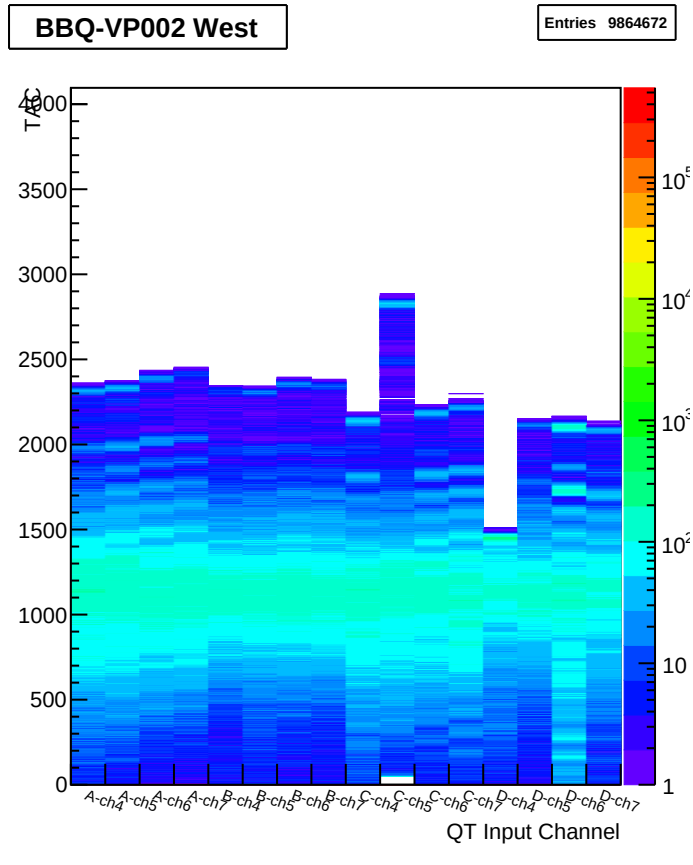

BBQ-ZD001 (ZDC TOWER)
Entries 9864672
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

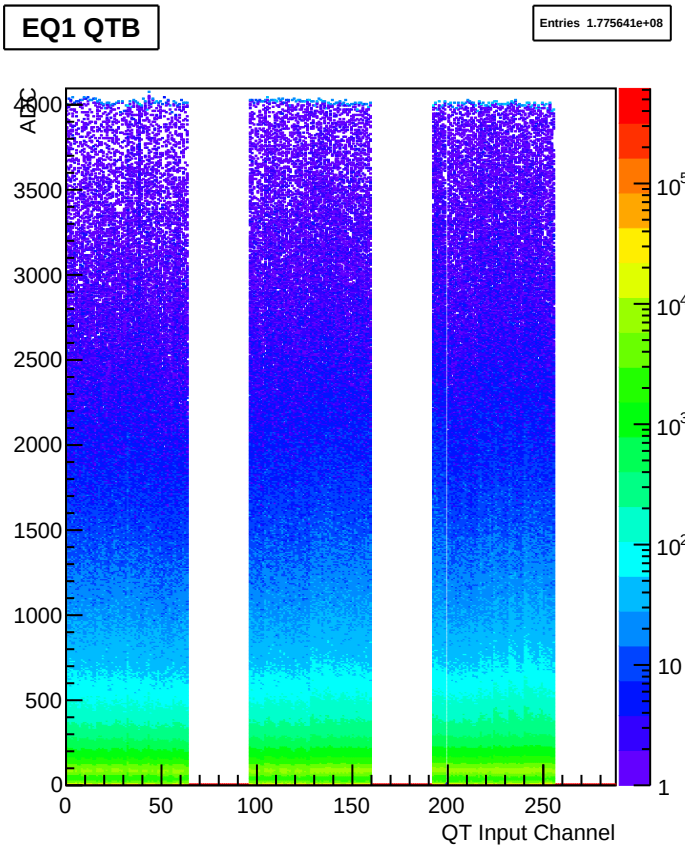

BBQ-ZD001 (ZDC TOWER)
Entries 9864672
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

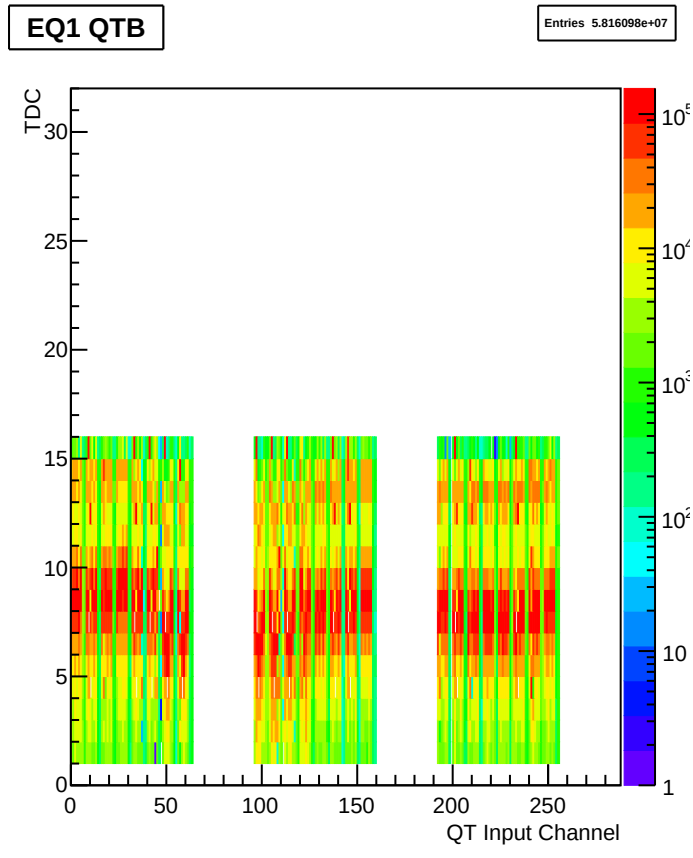

BBQ-VP001 East
Entries 9864672
ADC
QT Input Channel

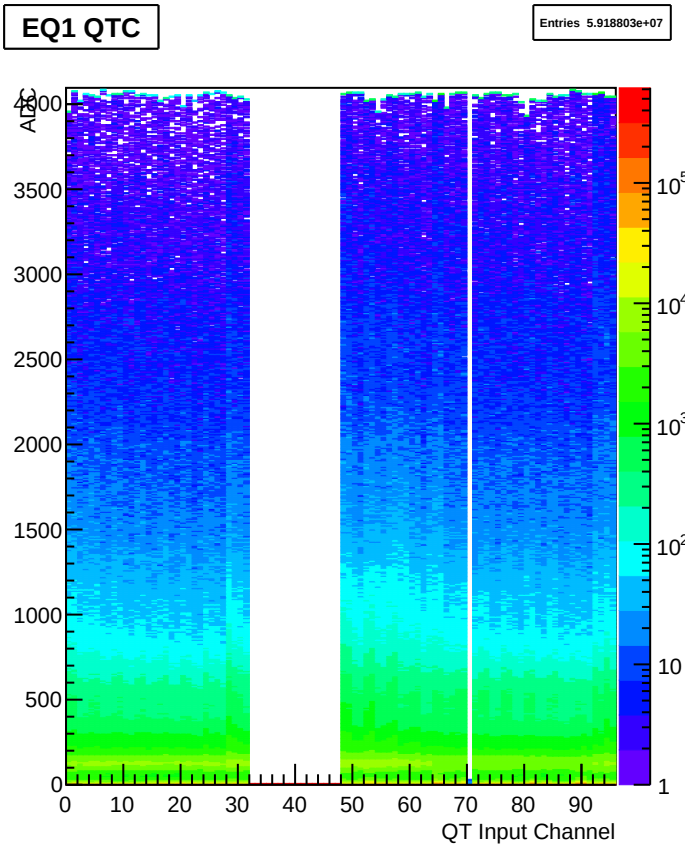

BBQ-VP001 East
Entries 9864672
ADC
QT Input Channel

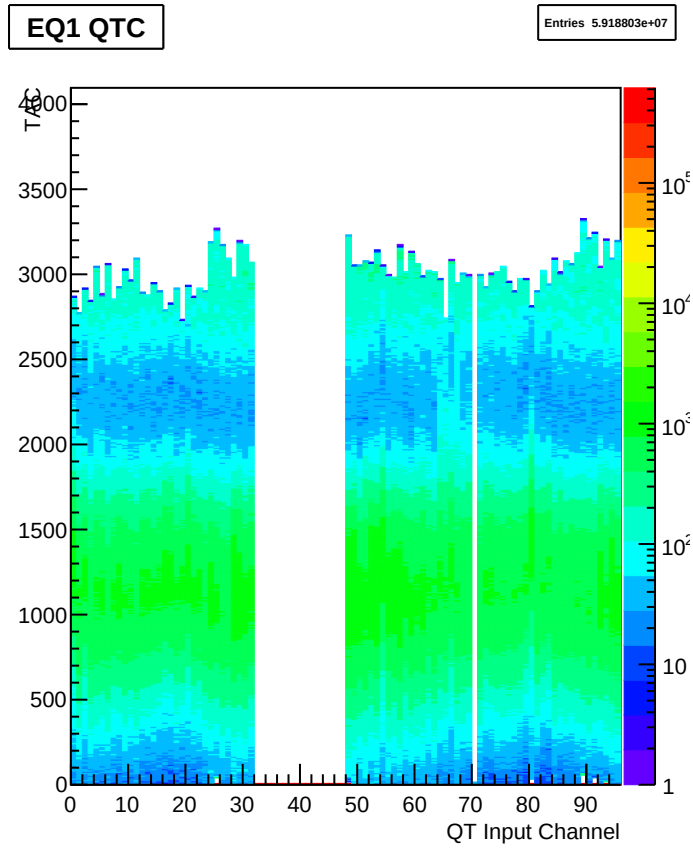

BBQ-VP002 West
Entries 9864672
ADC
QT Input Channel

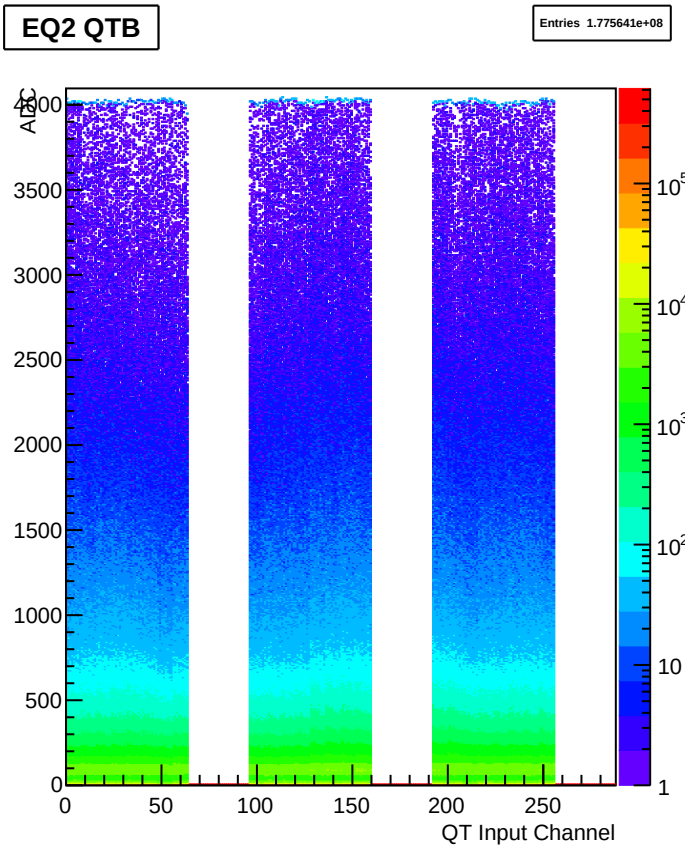

BBQ-VP002 West
Entries 9864672
ADC
QT Input Channel

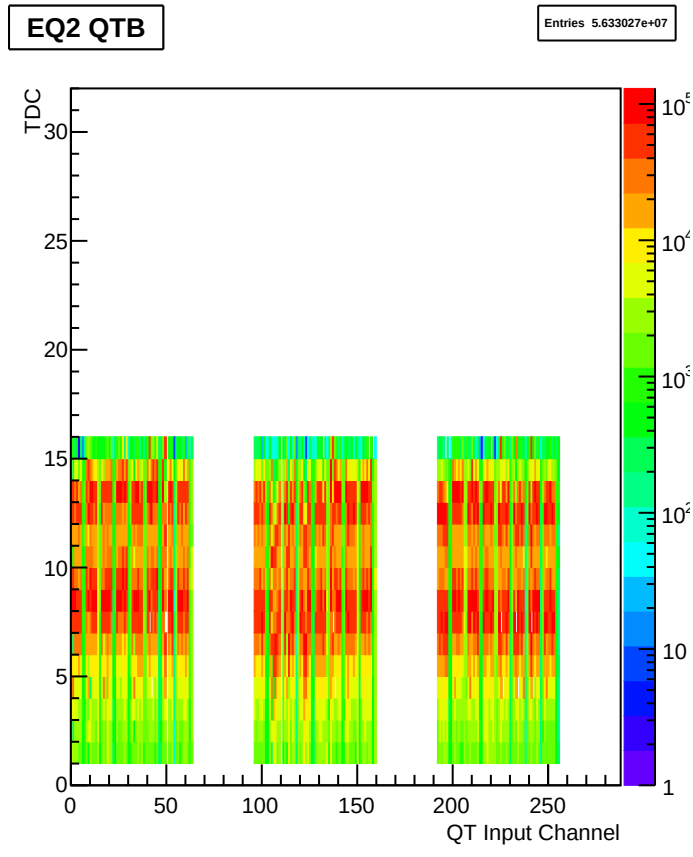

EQ1 QTB
Entries 1.775641e+08
ADC
QT Input Channel

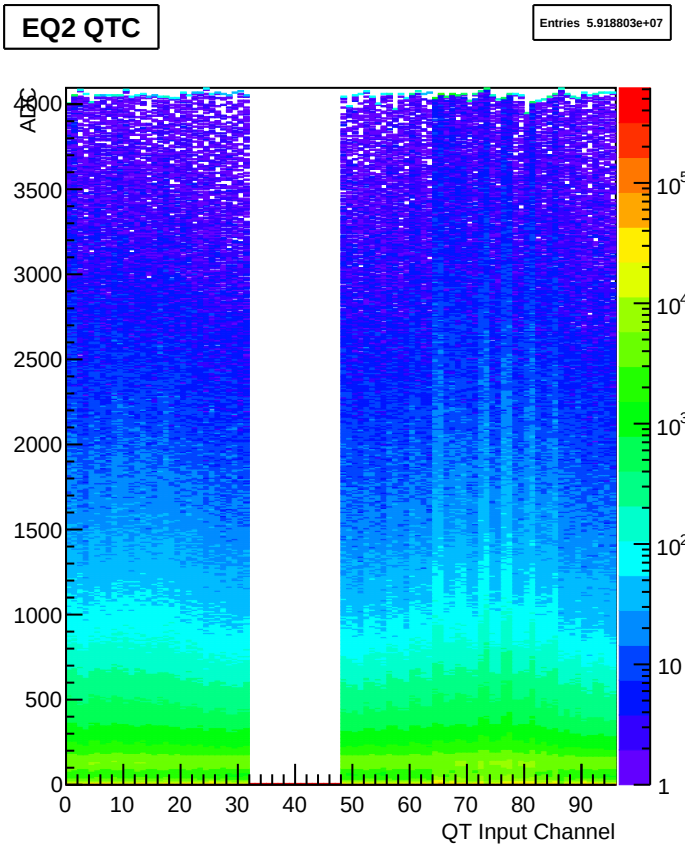

EQ1 QTB
Entries 5.816098e+07
TDC
QT Input Channel

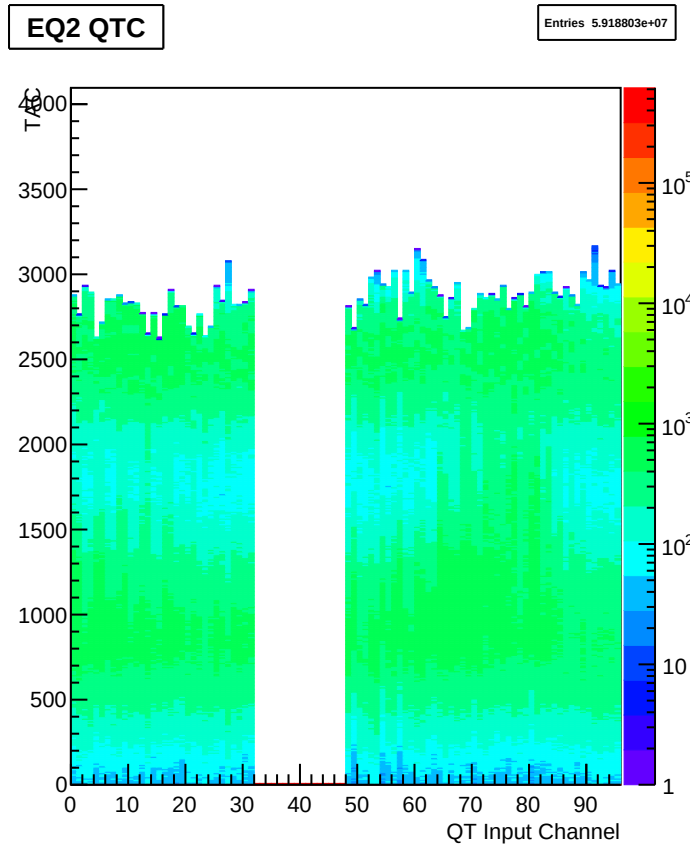

EQ1 QTC
Entries 5.918803e+07
ADC
QT Input Channel

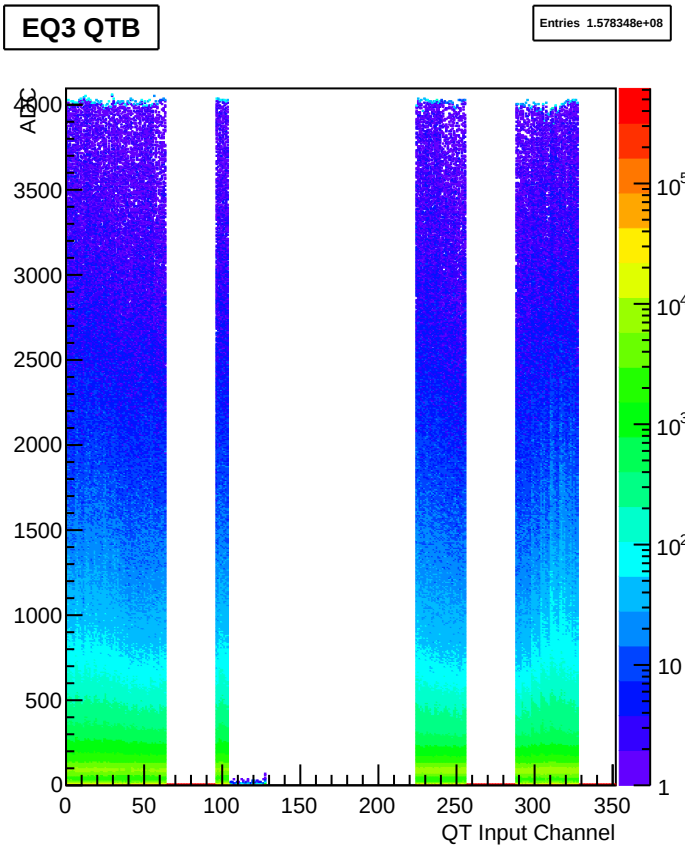

EQ1 QTC
Entries 5.918803e+07
TADC
QT Input Channel

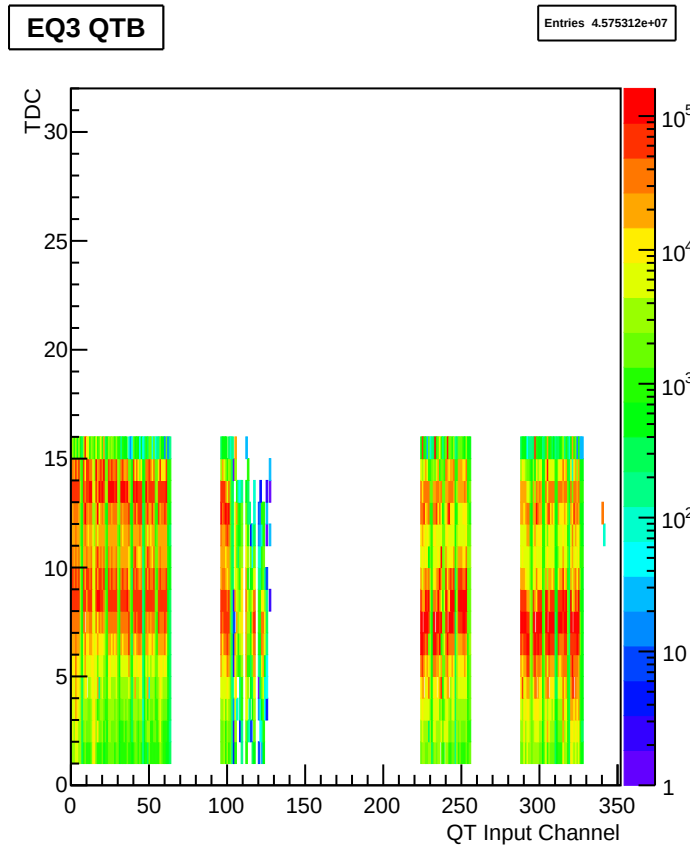

EQ2 QTB
Entries 1.775641e+08
ADC
QT Input Channel

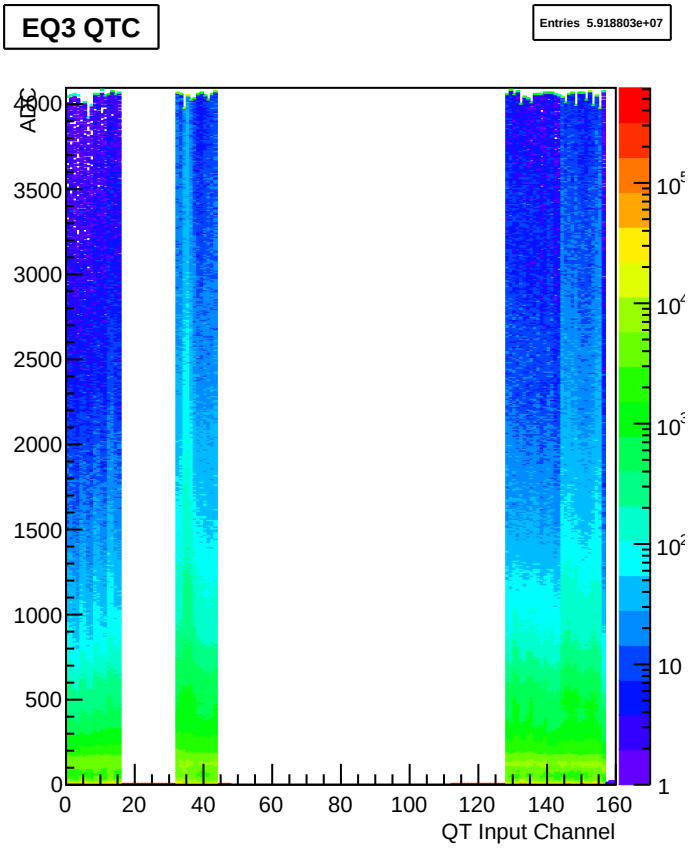

EQ2 QTB
Entries 5.633027e+07
TDC
QT Input Channel

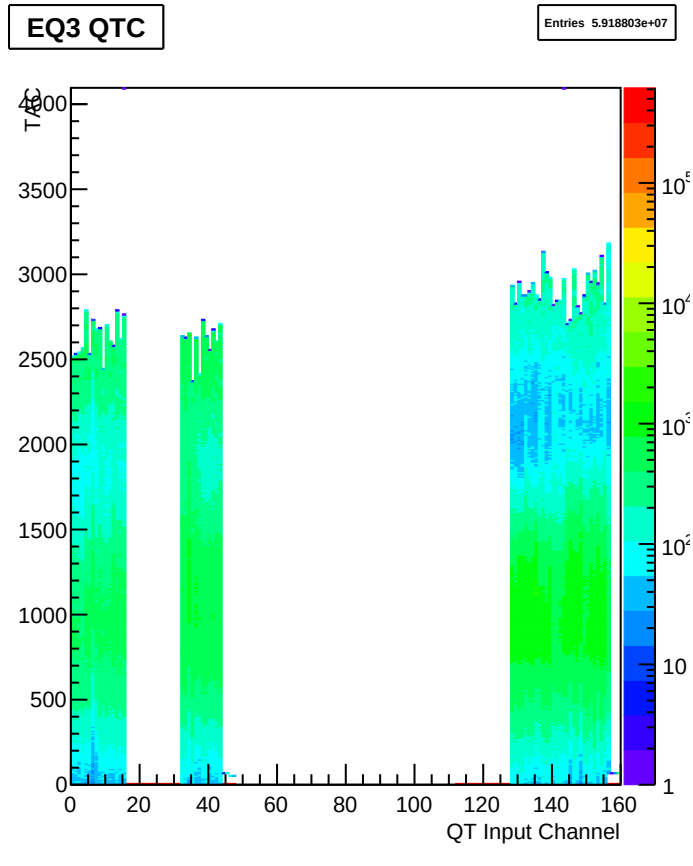

EQ2 QTC
Entries 5.918803e+07
ADC
QT Input Channel

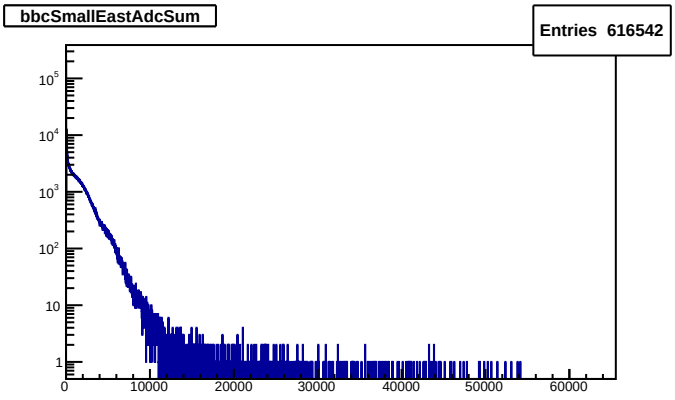

EQ2 QTC
Entries 5.918803e+07
TADC
QT Input Channel

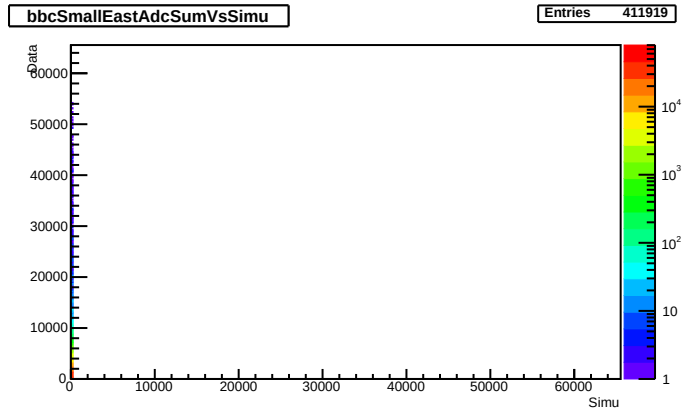

EQ3 QTB
Entries 1.578348e+08
ADC
QT Input Channel

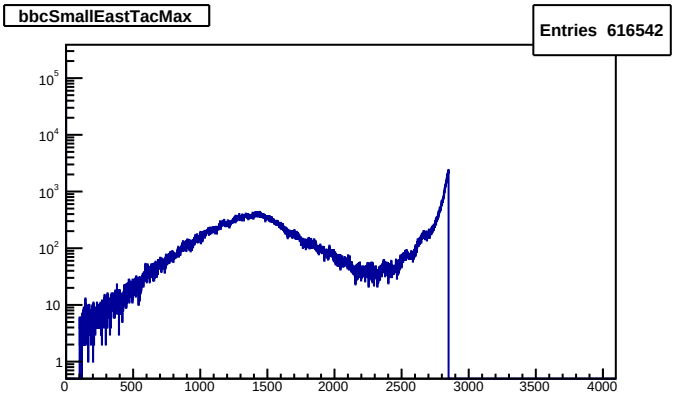

EQ3 QTB
Entries 4.575312e+07
TDC
QT Input Channel

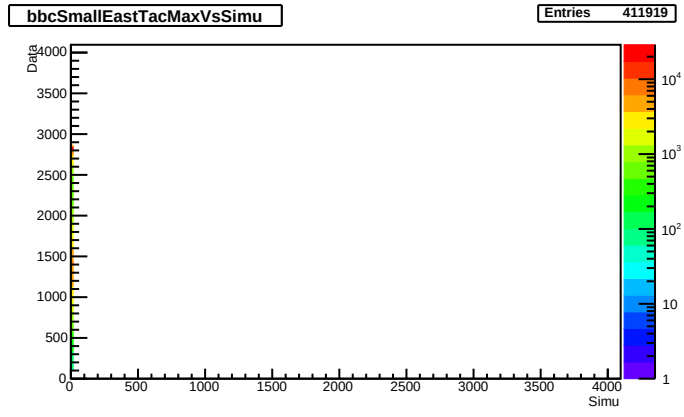

EQ3 QTC
Entries 5.918803e+07
ADC
QT Input Channel

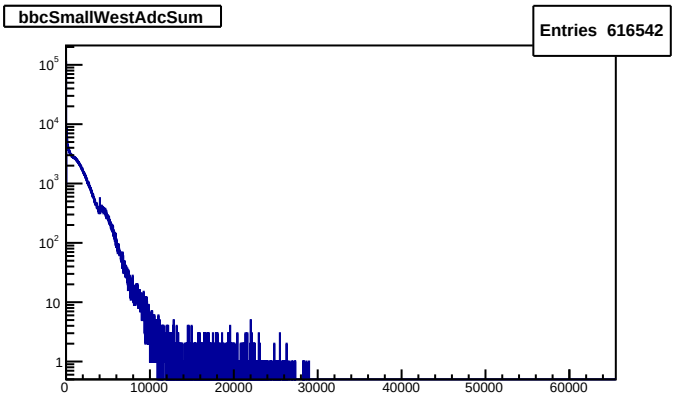

EQ3 QTC
Entries 5.918803e+07
TADC
QT Input Channel

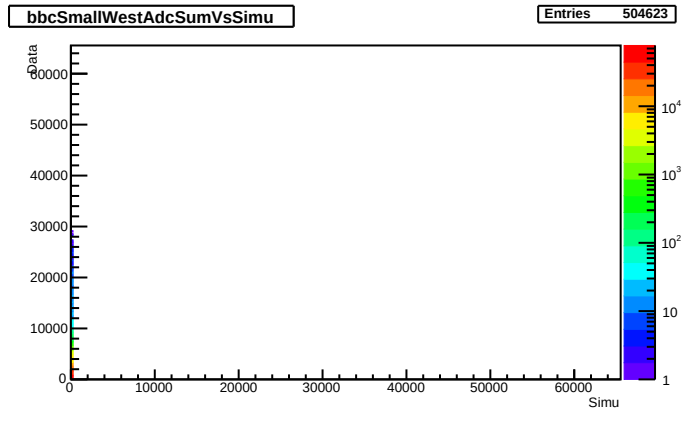

bbcSmallEastAdcSum
Entries 616542

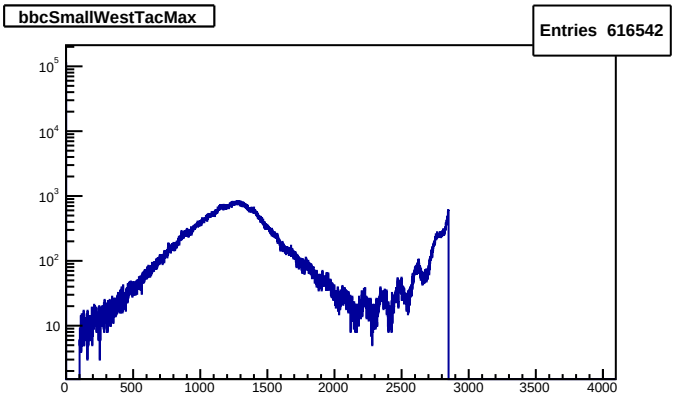

bbcSmallEastAdcSumVsSimu
Entries 411919
Data
Simu


bbcSmallEastTacMax
Entries 616542


bbcSmallEastTacMaxVsSimu
Entries 411919
Data
Simu


bbcSmallWestAdcSum
Entries 616542


bbcSmallWestAdcSumVsSimu
Entries 504623
Data
Simu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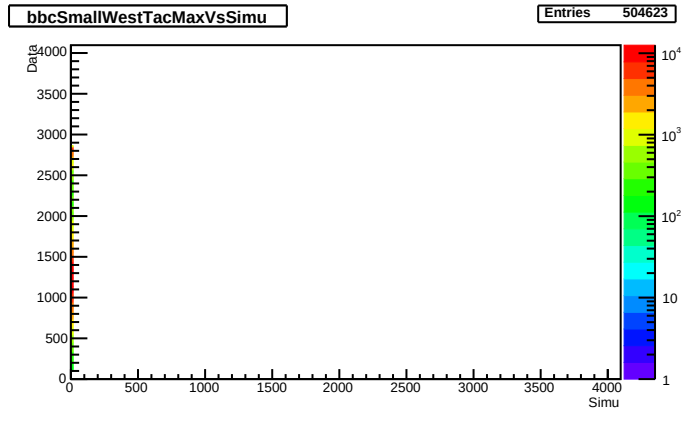
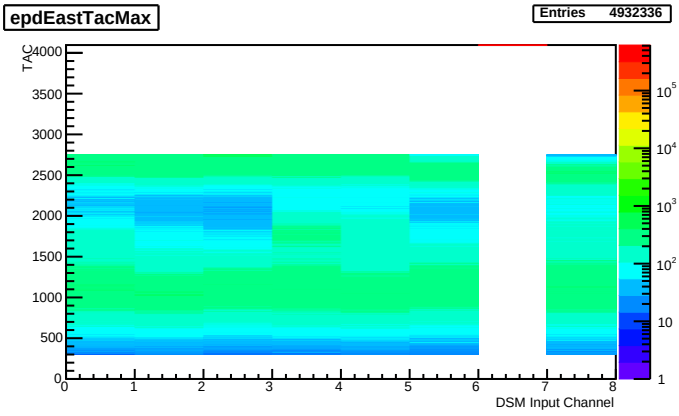
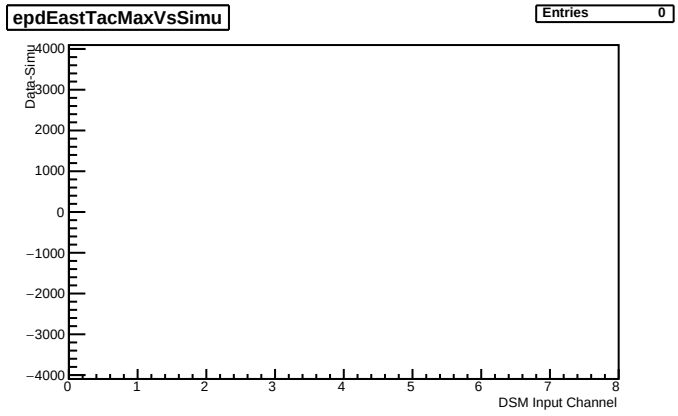
Entries 616542


bbcSmallWestTacMaxVsSimu
Entries 504623
Data
Simu


epdEastTacMax
Entries 4932336
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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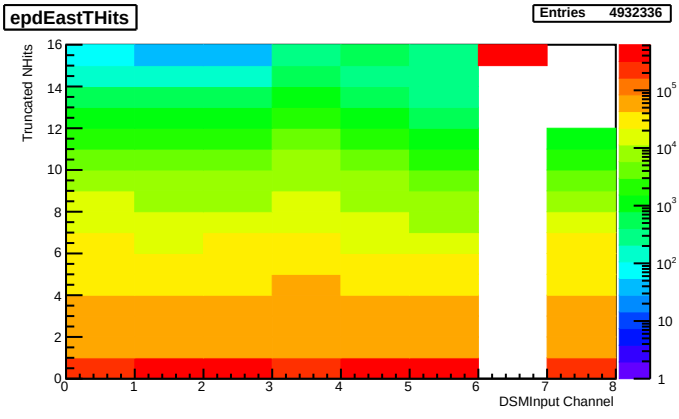
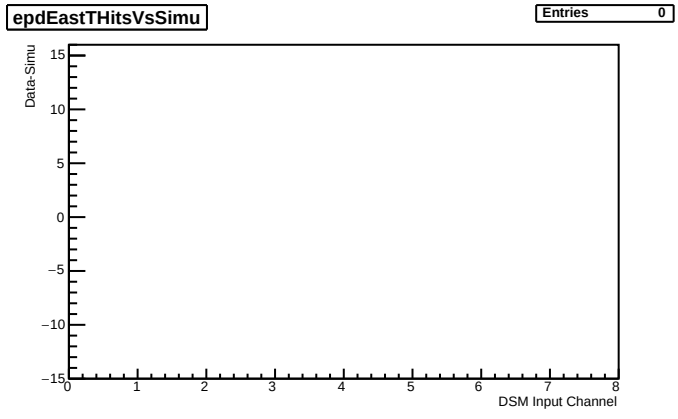

epdEastTHits
Entries 4932336
Truncated NHits
DSMInput Channel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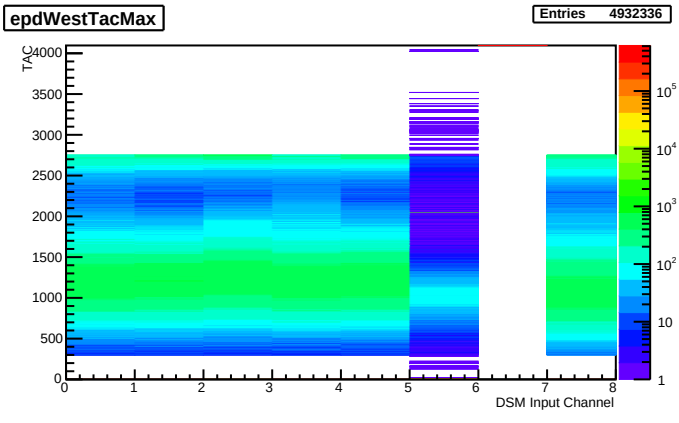
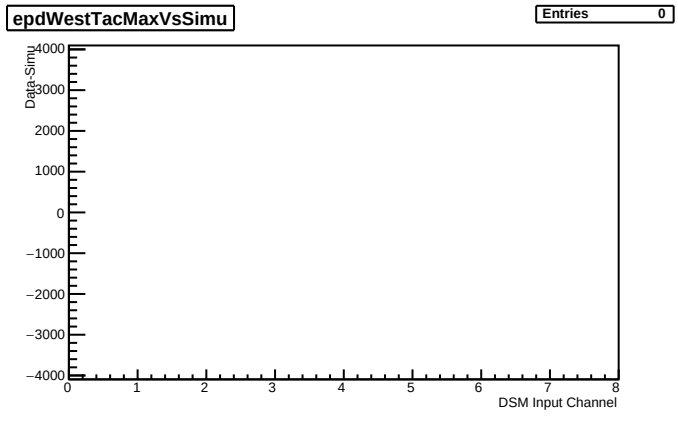
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4932336
TAC
DSM Input Channel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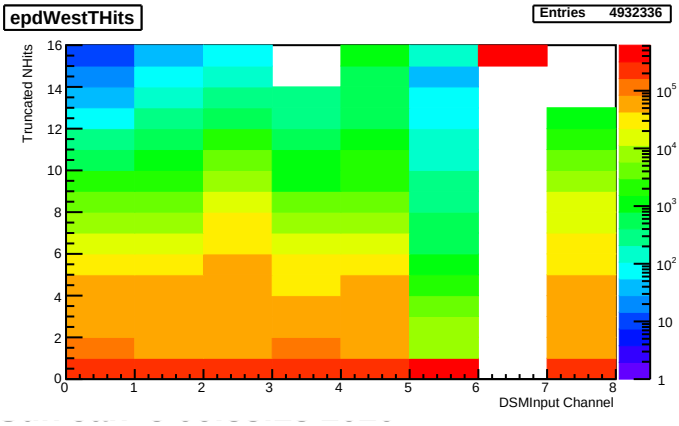
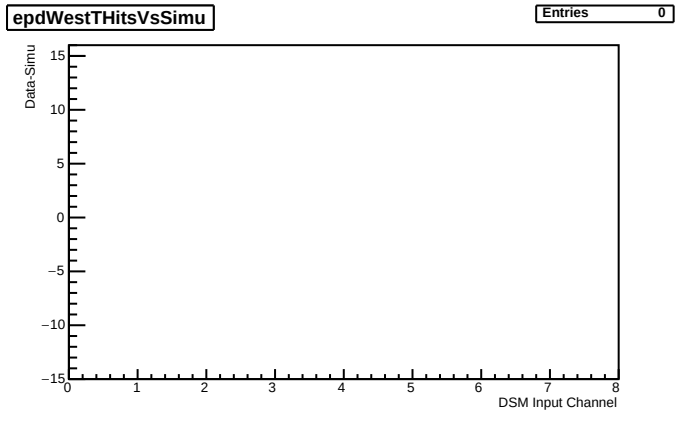
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4932336
Truncated NHits
DSMInput Channel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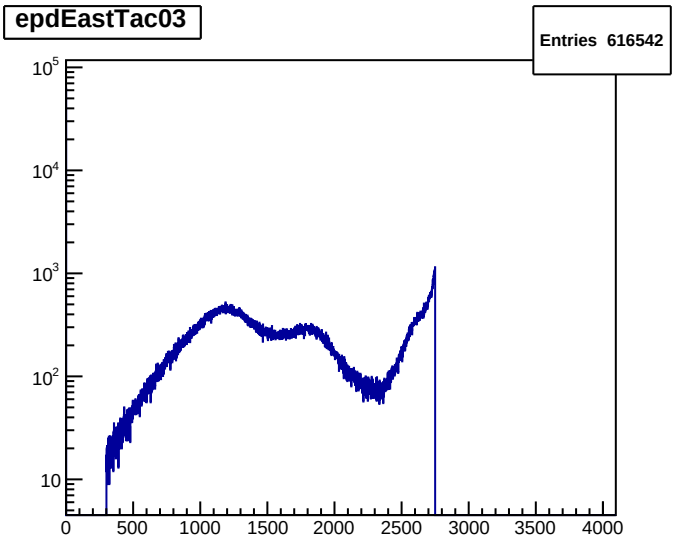
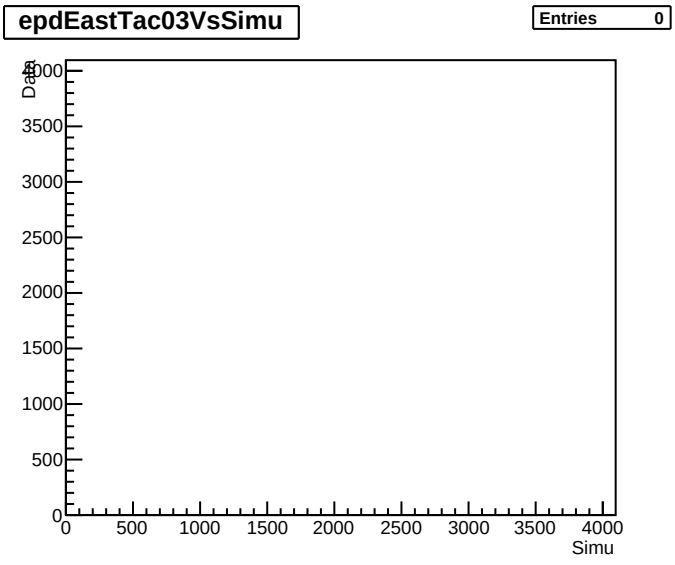
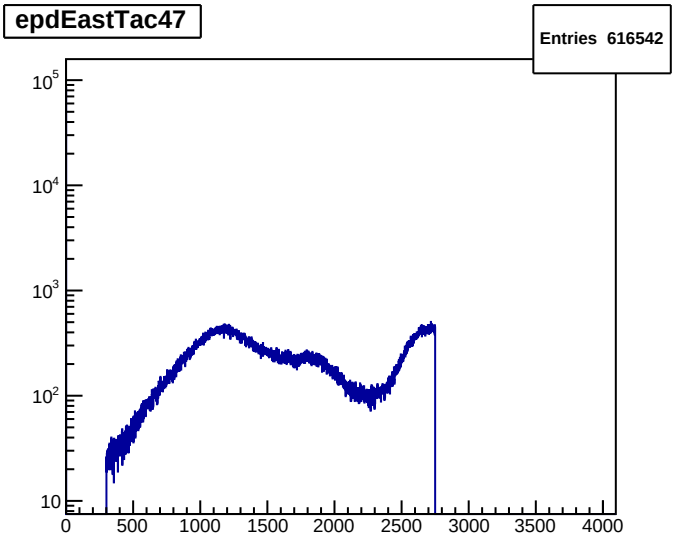
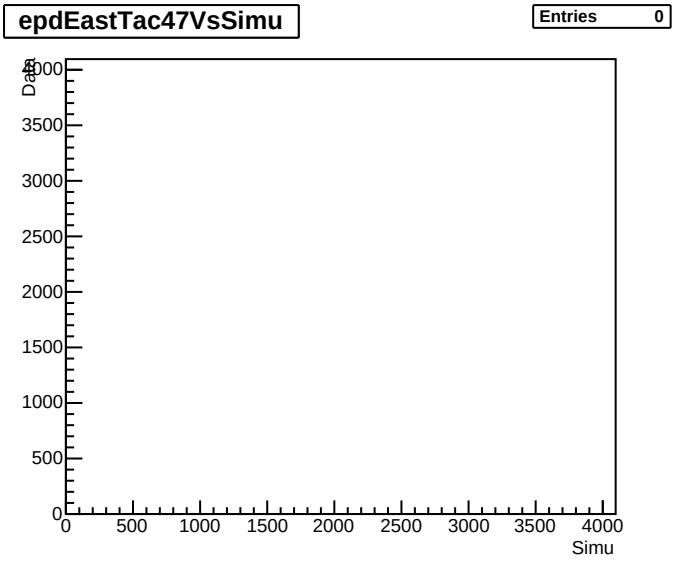
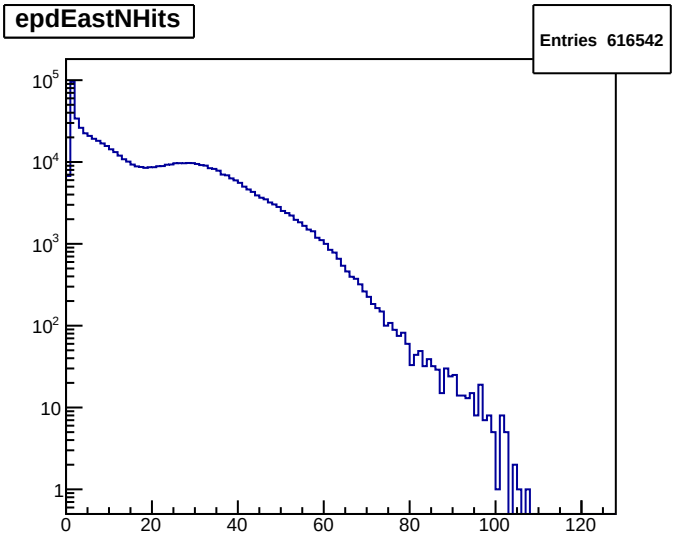
Entries 0
Data-Simu
DSM Input Channel

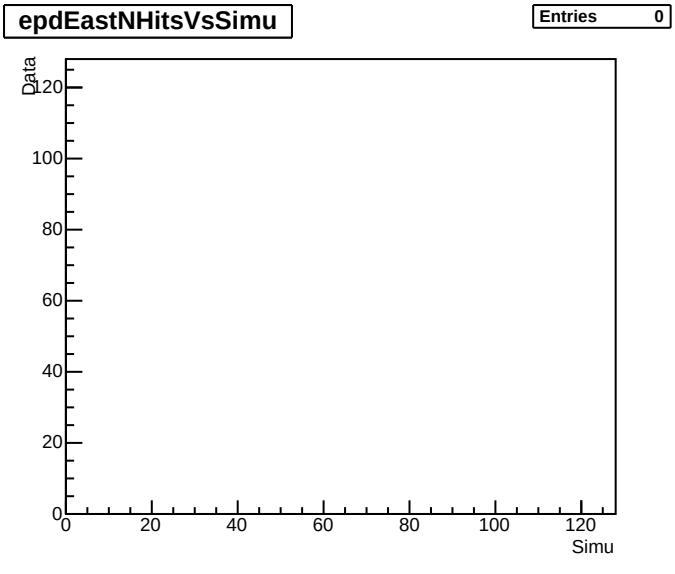

epdEastTac03
Entries 616542


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 616542


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 616542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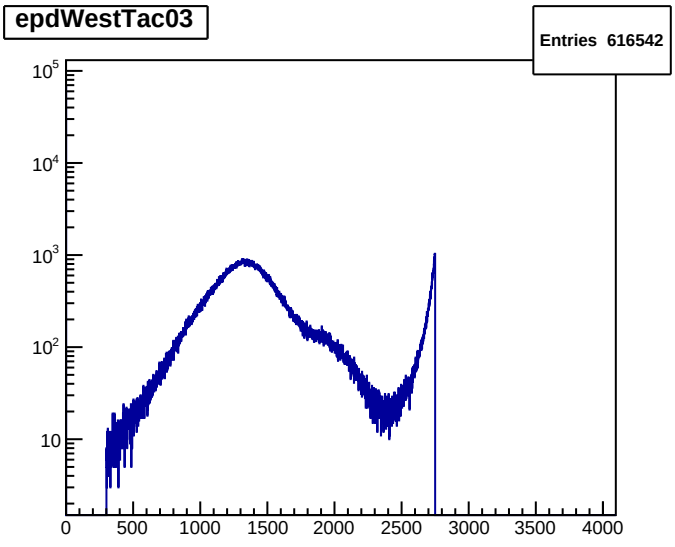
Entries 0
Data
Simu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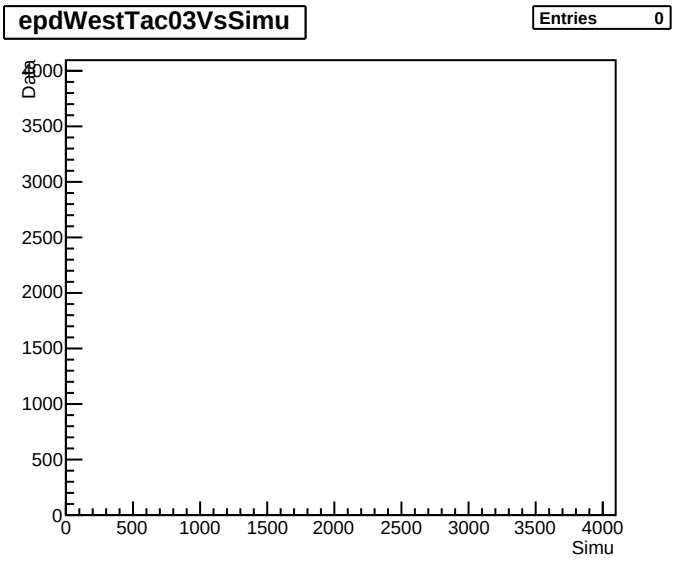
Entries 616542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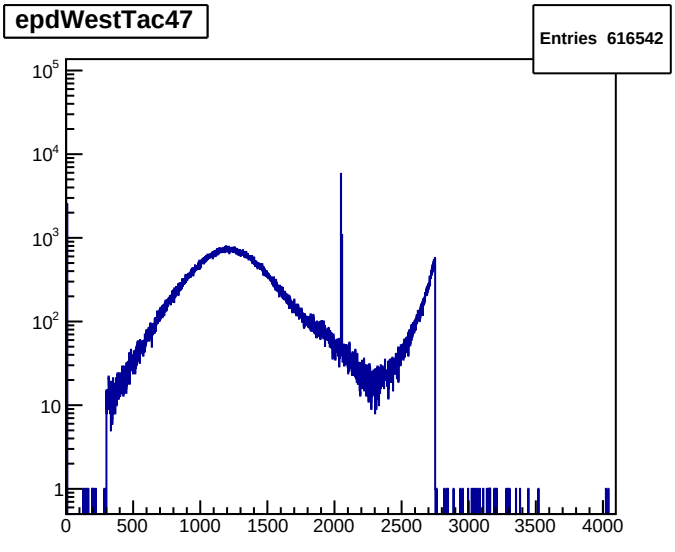
Entries 0
Data
Simu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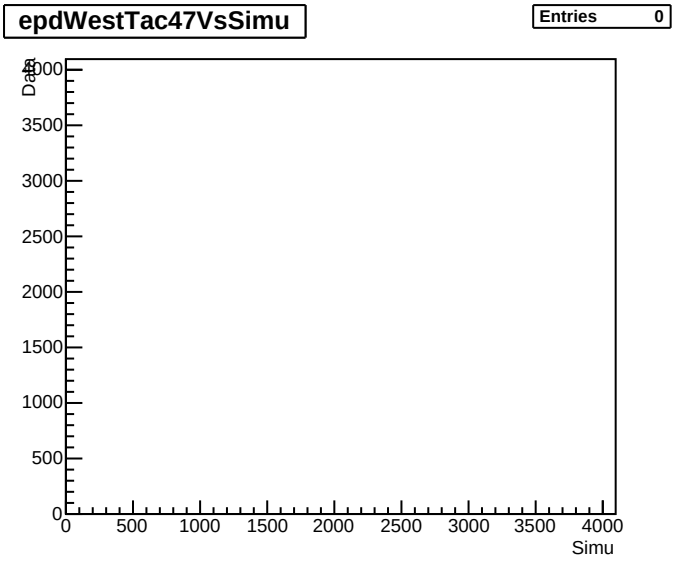
Entries 616542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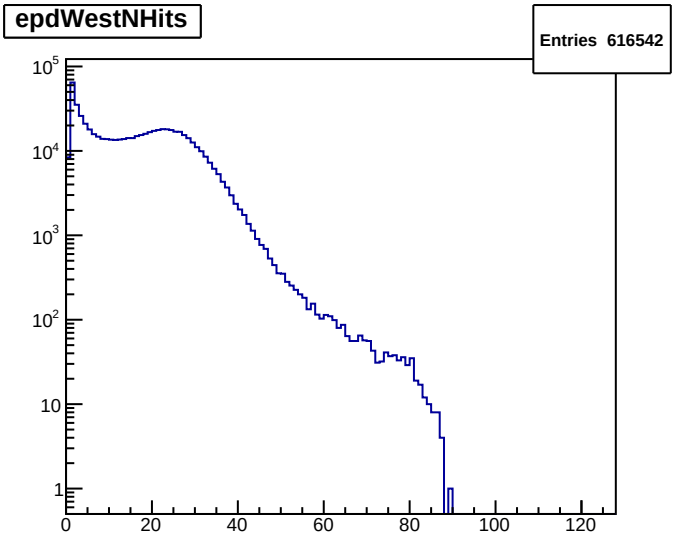
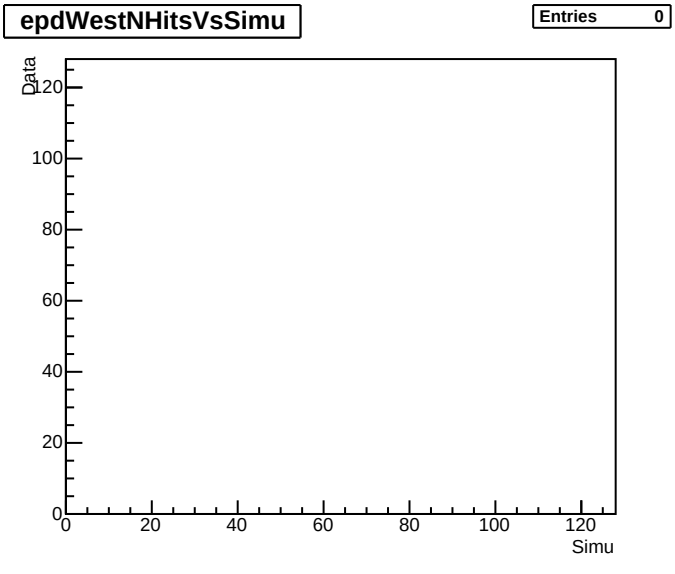
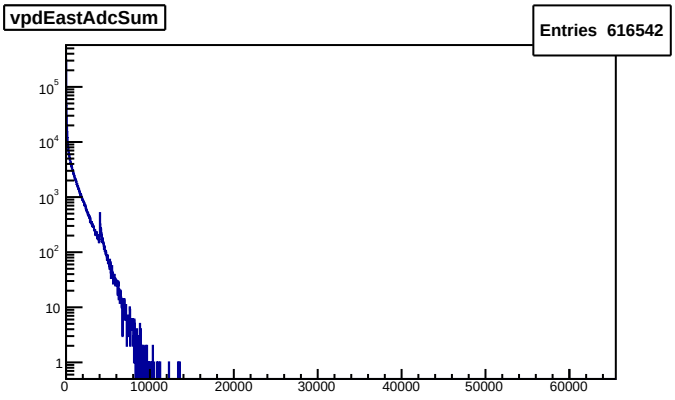
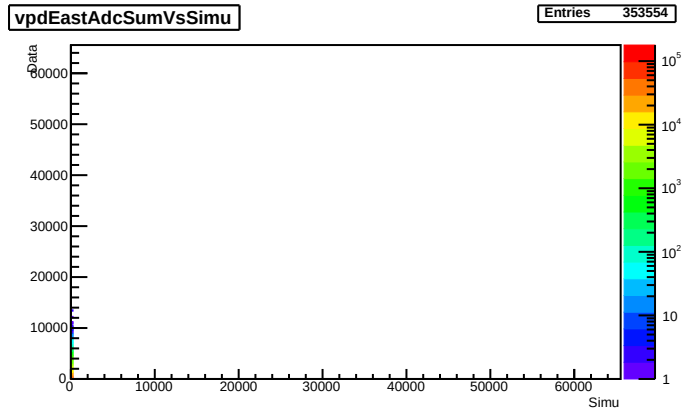
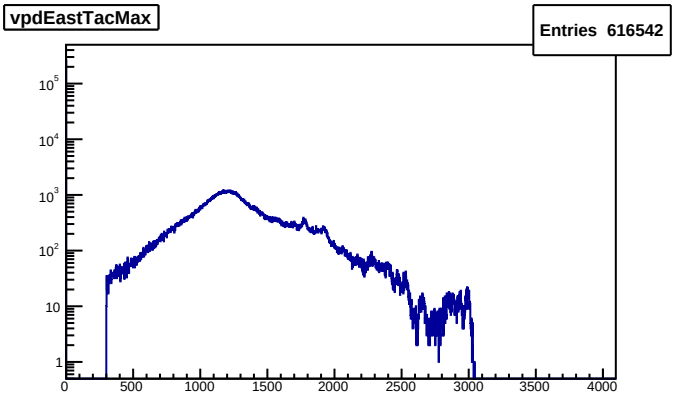
Entries 0
Data
Simu

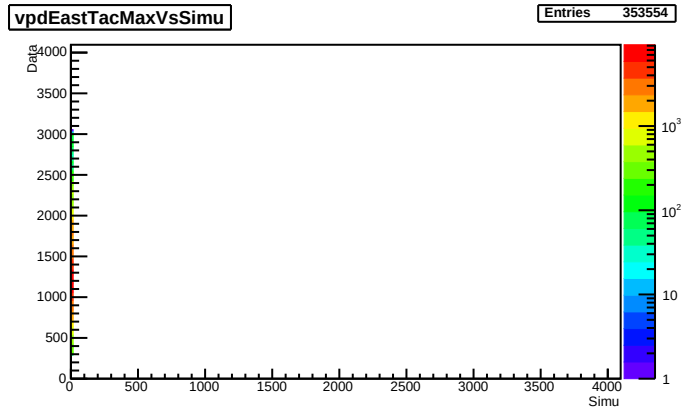

epdWestNHits
Entries 616542

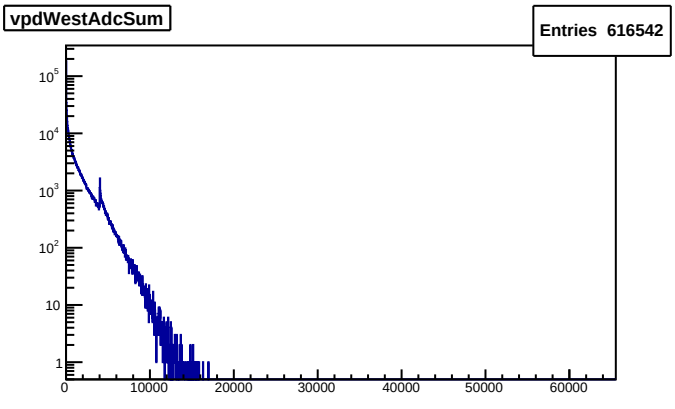

epdWestNHitsVsSimu
Entries 0
Data
Simu

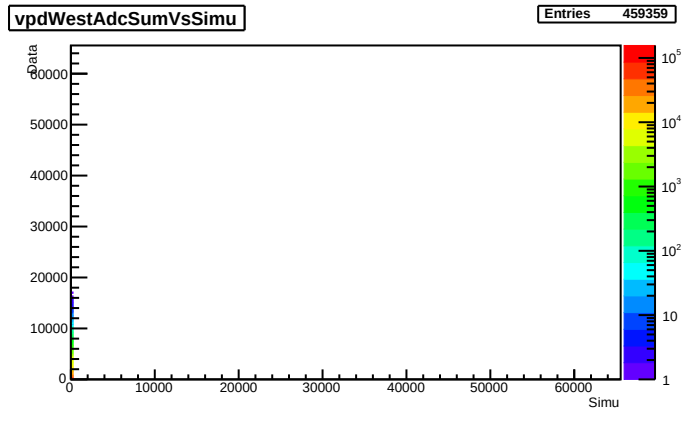

vpdEastAdcSum
Entries 616542

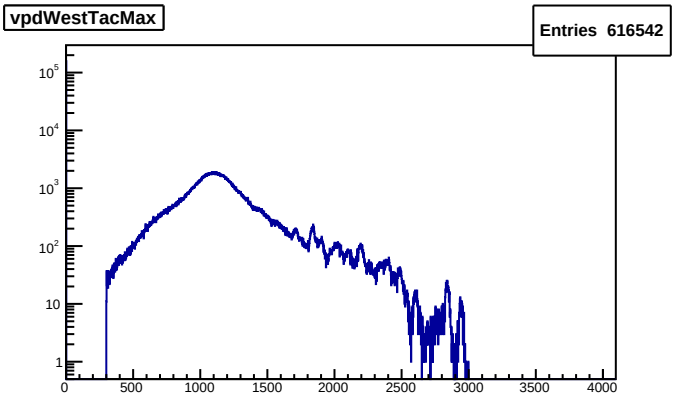

vpdEastAdcSumVsSimu
Entries 353554
Data
Simu

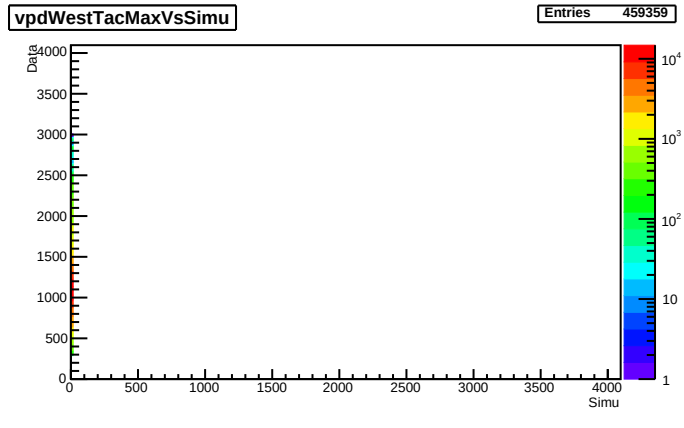

vpdEastTacMax
Entries 616542

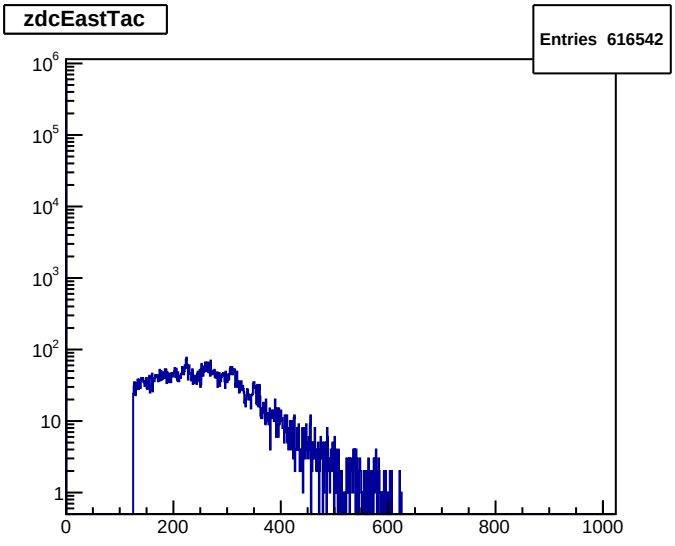

vpdEastTacMaxVsSimu
Entries 353554
Data
Simu

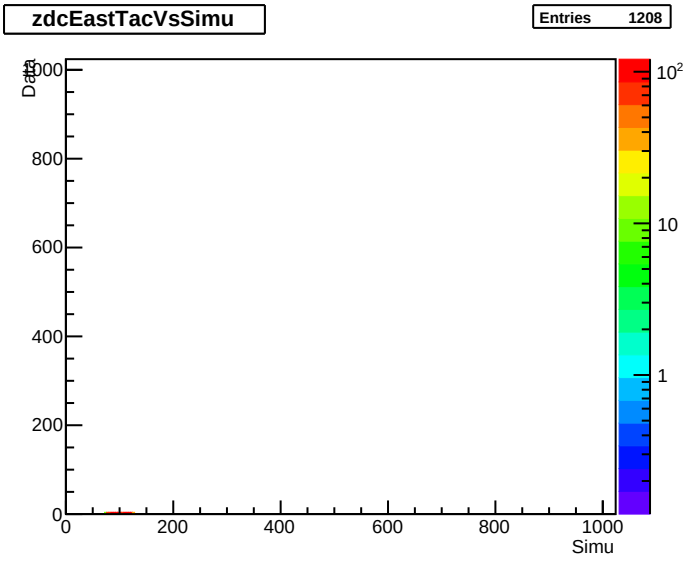

vpdWestAdcSum
Entries 616542

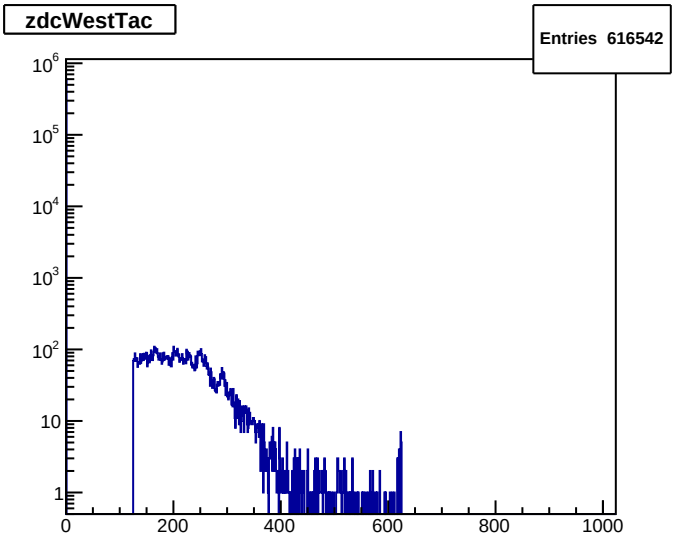

vpdWestAdcSumVsSimu
Entries 459359
Data
Simu

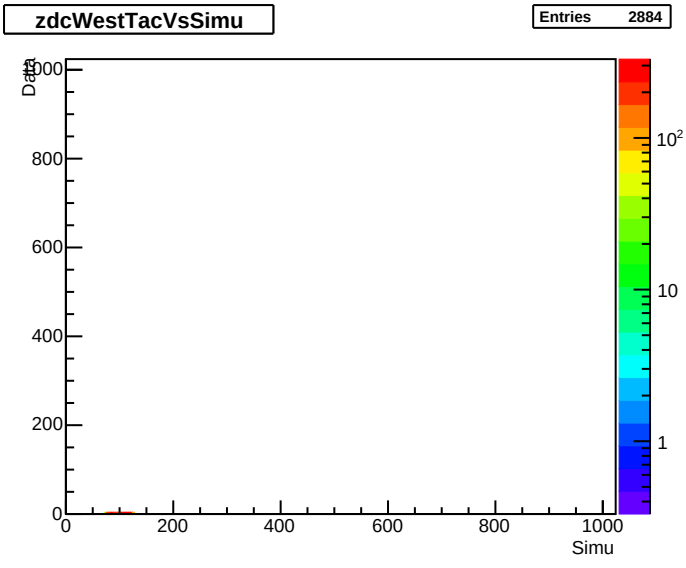

vpdWestTacMax
Entries 616542

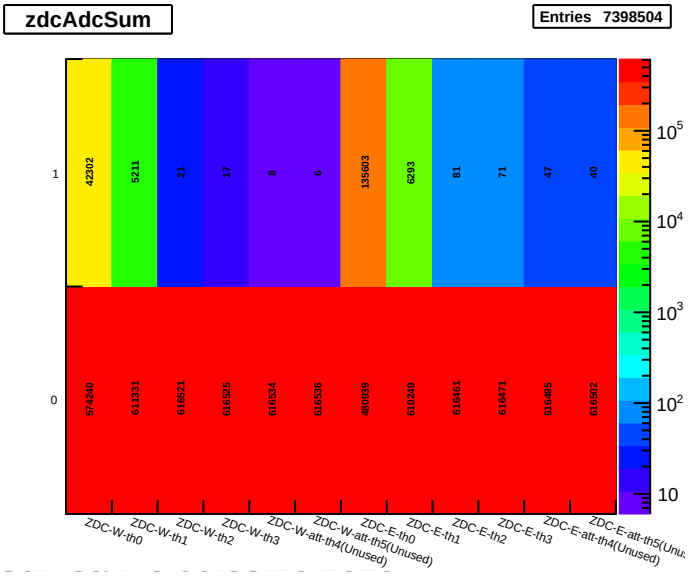

vpdWestTacMaxVsSimu
Entries 459359
Data
Simu

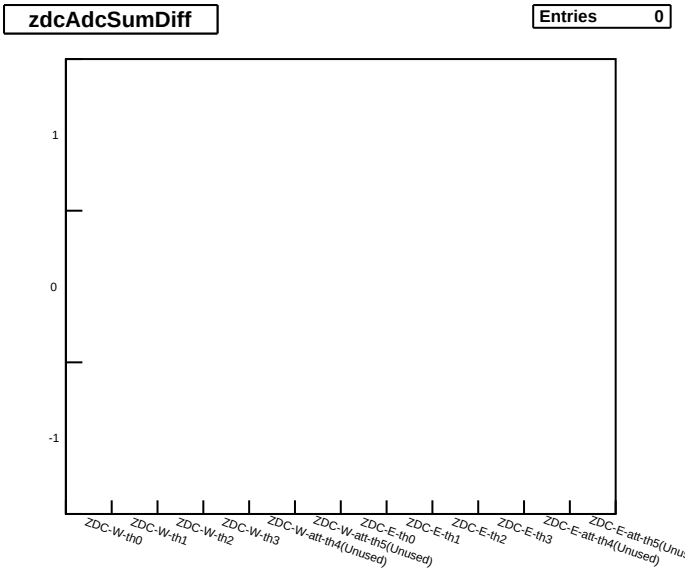

zdcEastTac
Entries 616542

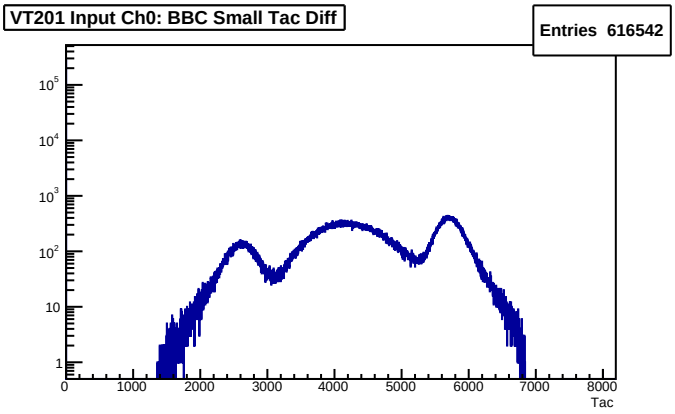

zdcEastTacVsSimu
Entries 1208
Data
Simu

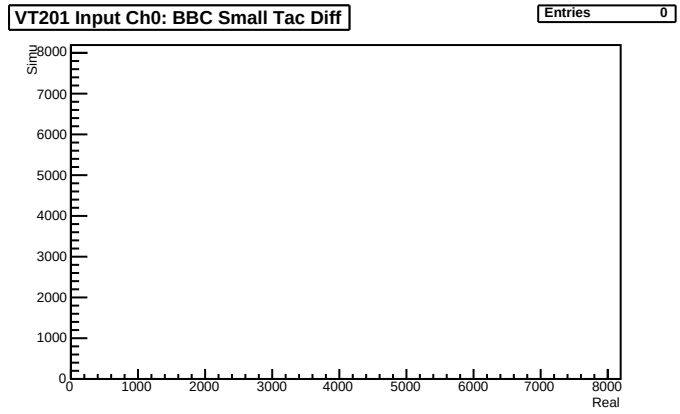

zdcWestTac
Entries 616542

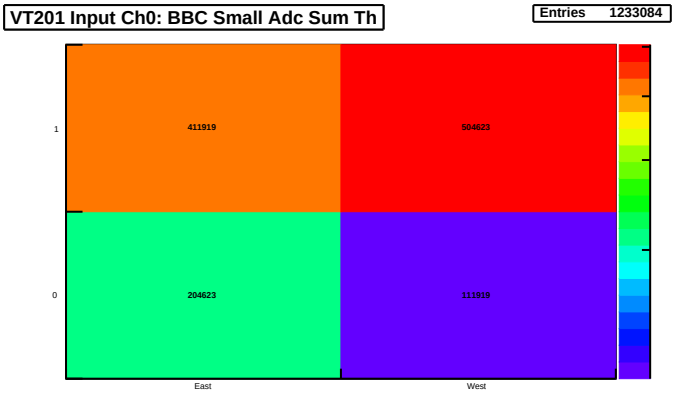

zdcWestTacVsSimu
Entries 2884
Data
Simu

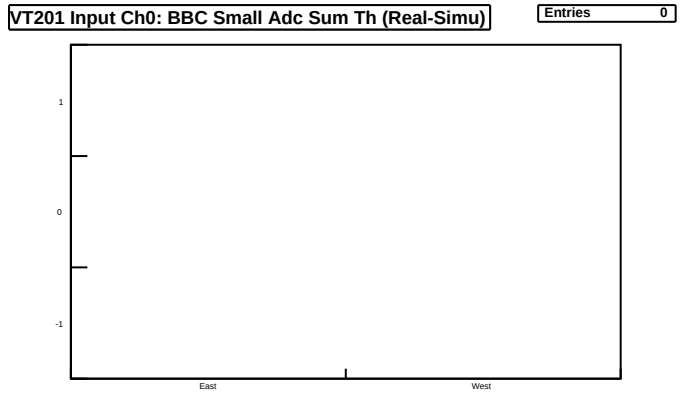

zdcAdcSum
Entries 7398504
42302
5211
21
17
8
6
135603
6293
81
71
47
40
574240
611331
616521
616525
616534
616536
480339
610249
616461
616471
616495
616502
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

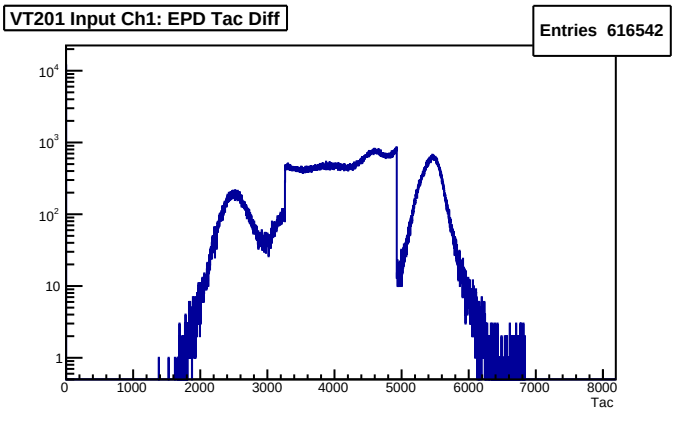

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

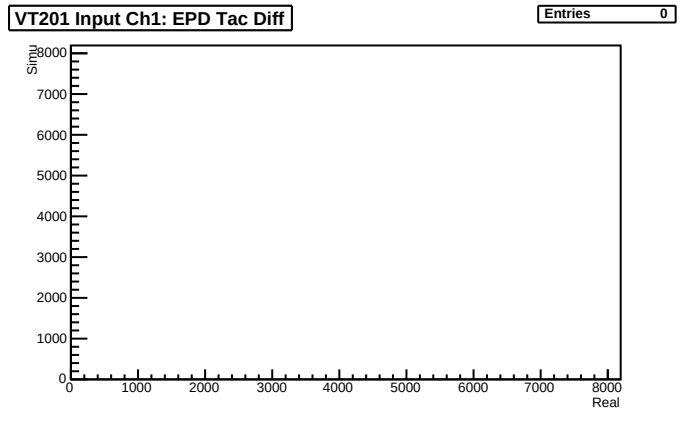

VT201 Input Ch0: BBC Small Tac Diff
Entries 616542
Tac

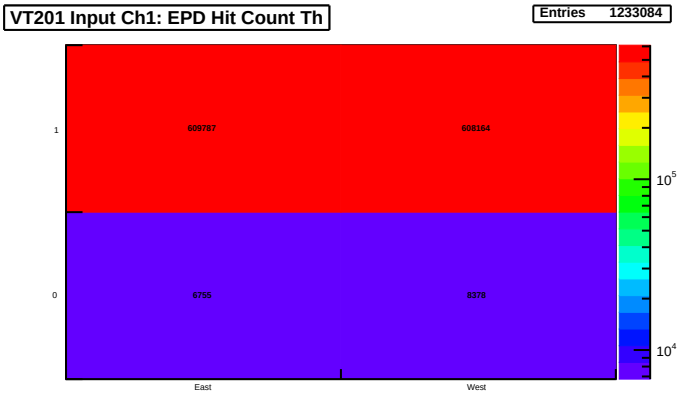

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

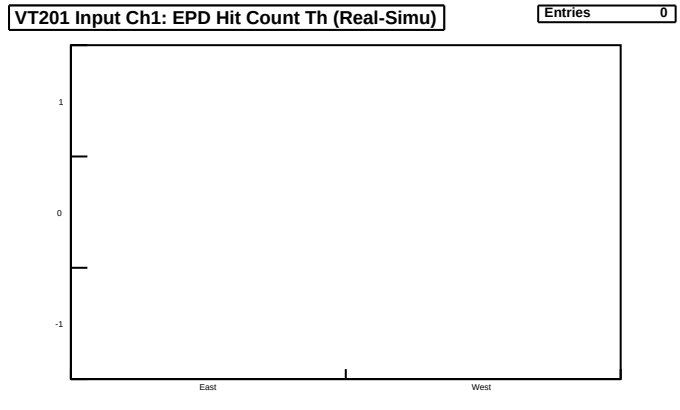

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1233084
411919
504623
204623
111919
East
West

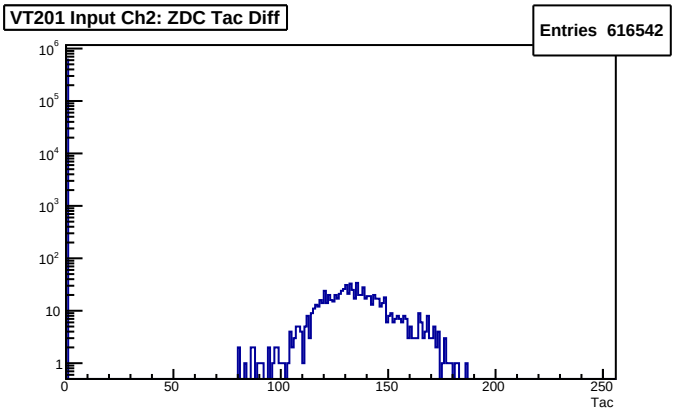

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

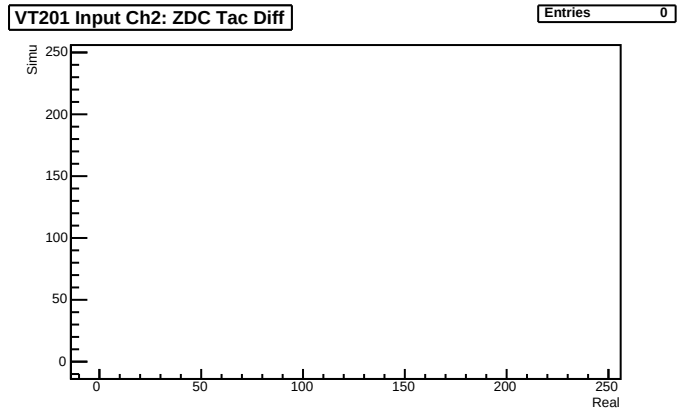

VT201 Input Ch1: EPD Tac Diff
Entries 616542
Tac

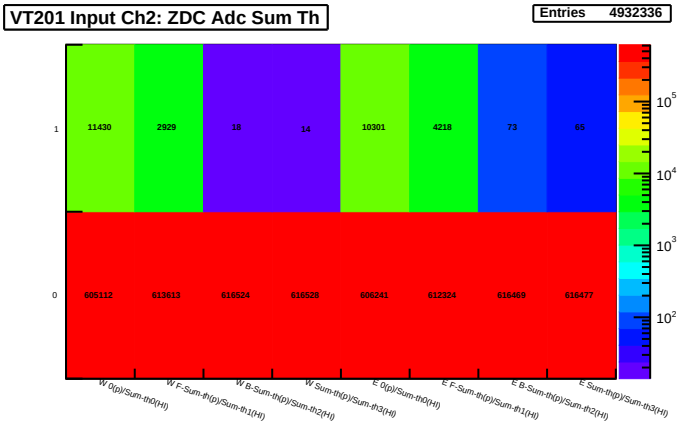

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

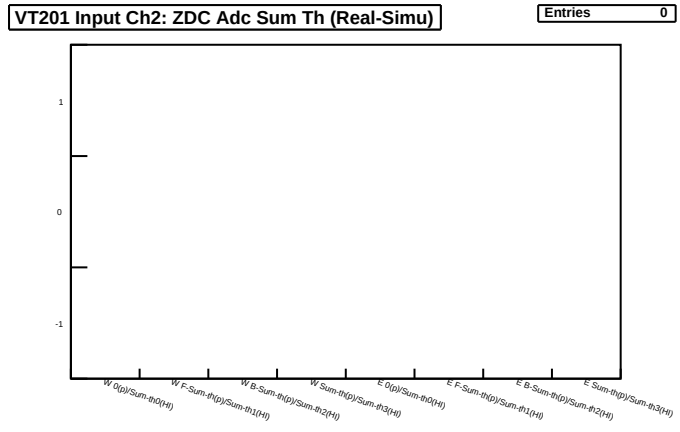

VT201 Input Ch1: EPD Hit Count Th
Entries 1233084
609787
608164
6755
8378
East
West

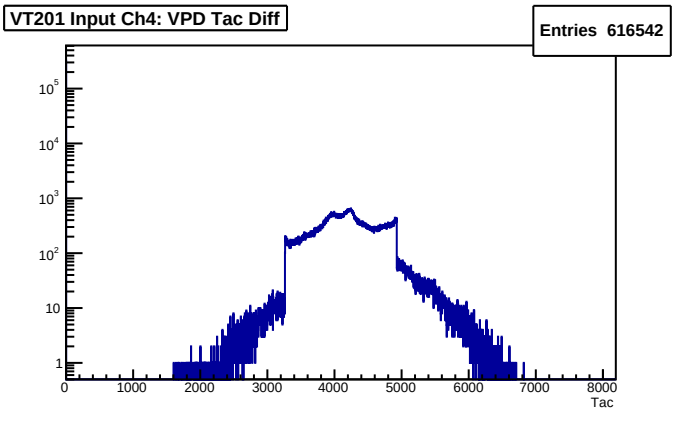

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

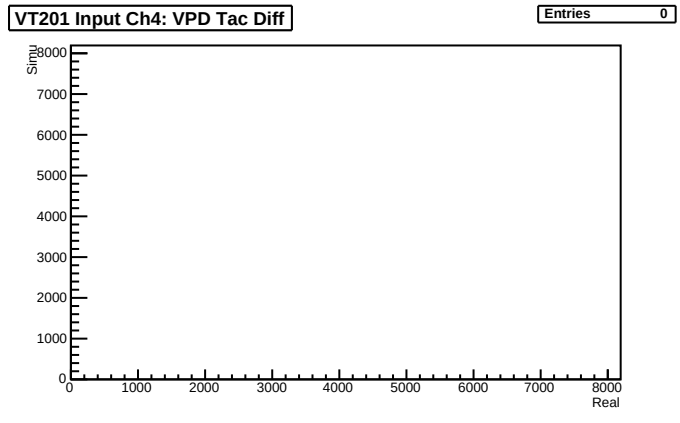

VT201 Input Ch2: ZDC Tac Diff
Entries 616542
Tac

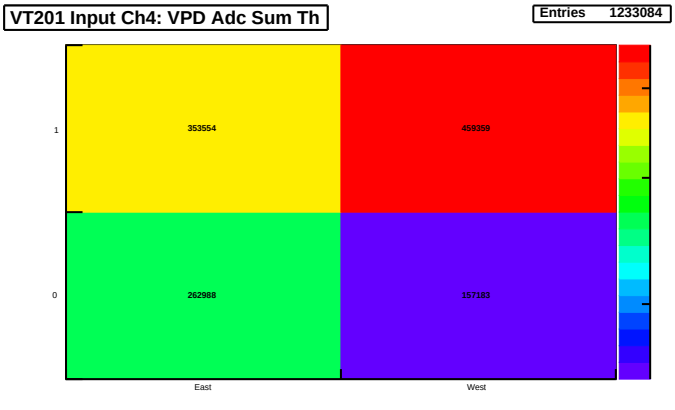

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

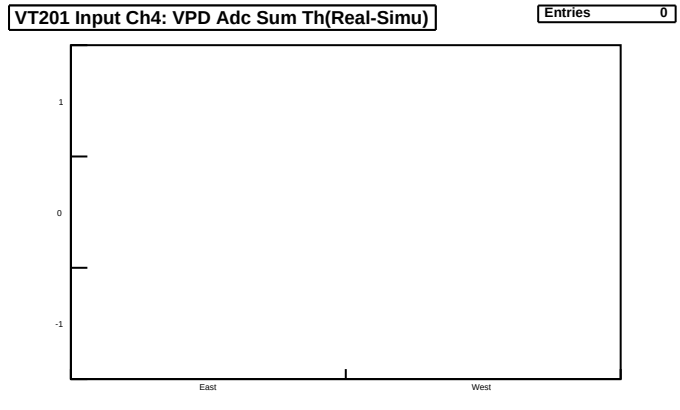

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4932336
11430
2929
18
14
10301
4218
73
65
605112
613613
616524
616528
606241
612324
616469
616477
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

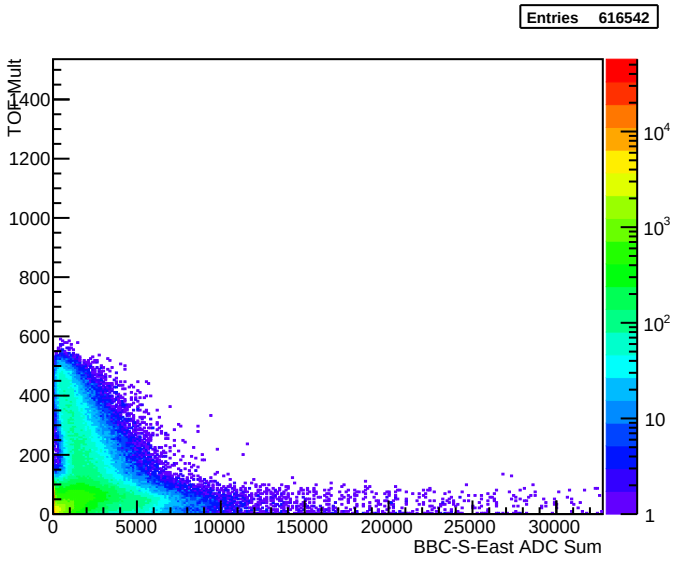

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

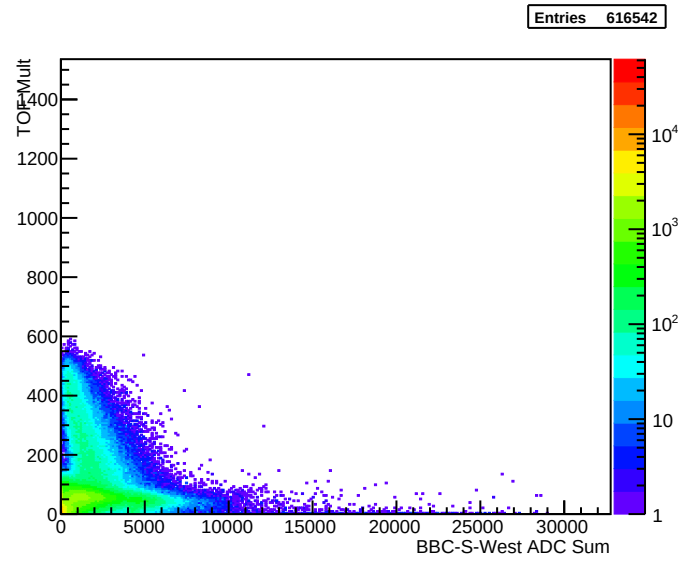

VT201 Input Ch4: VPD Tac Diff
Entries 616542
Tac

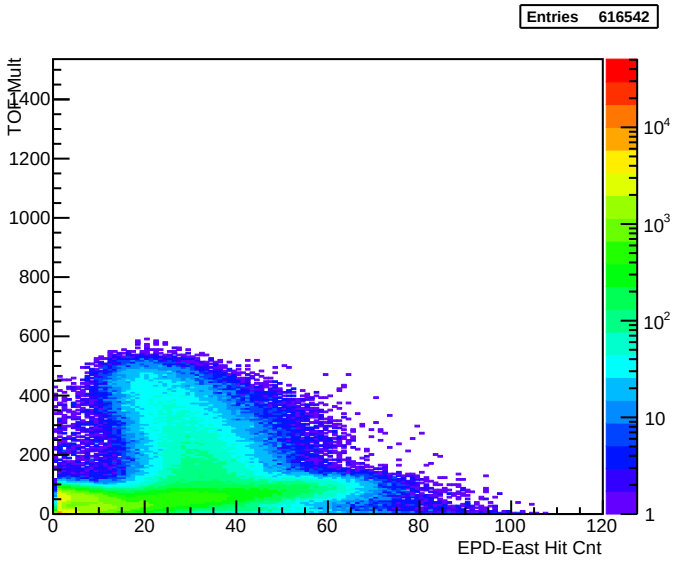

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

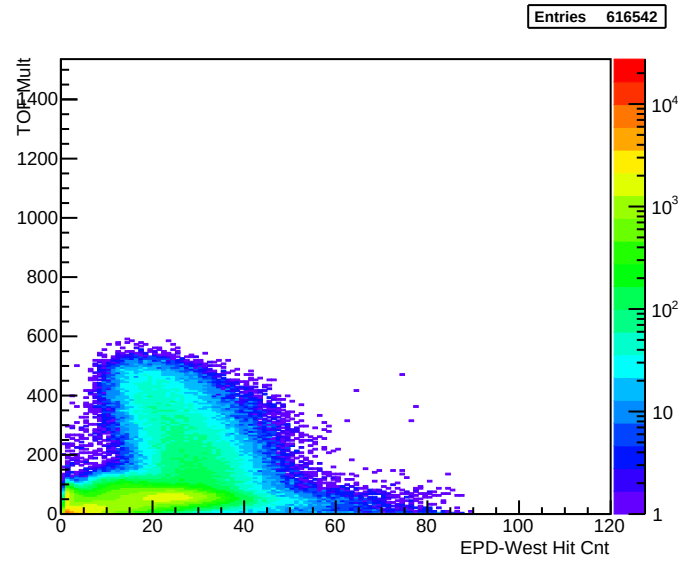

VT201 Input Ch4: VPD Adc Sum Th
Entries 1233084
353554
459359
262988
157183
East
West

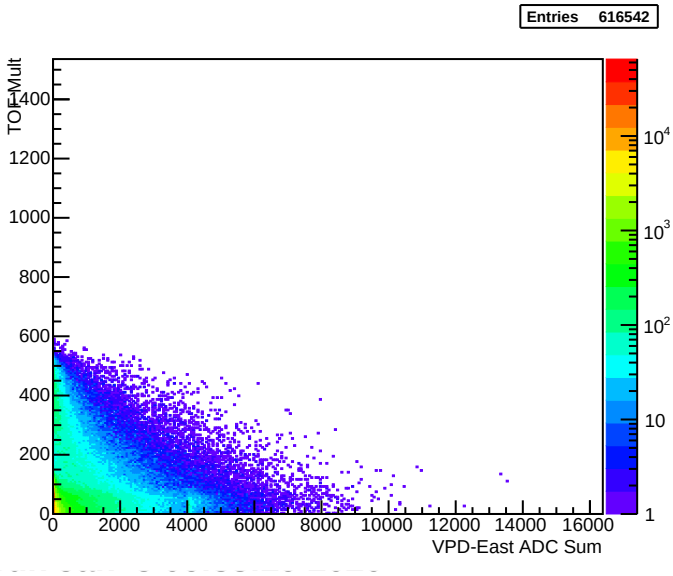

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

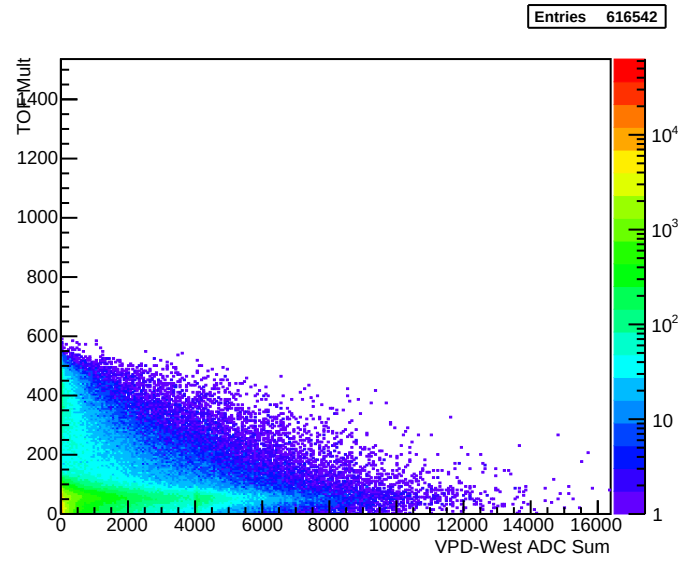

Entries 616542
TOF-Mult
BBC-S-East ADC Sum

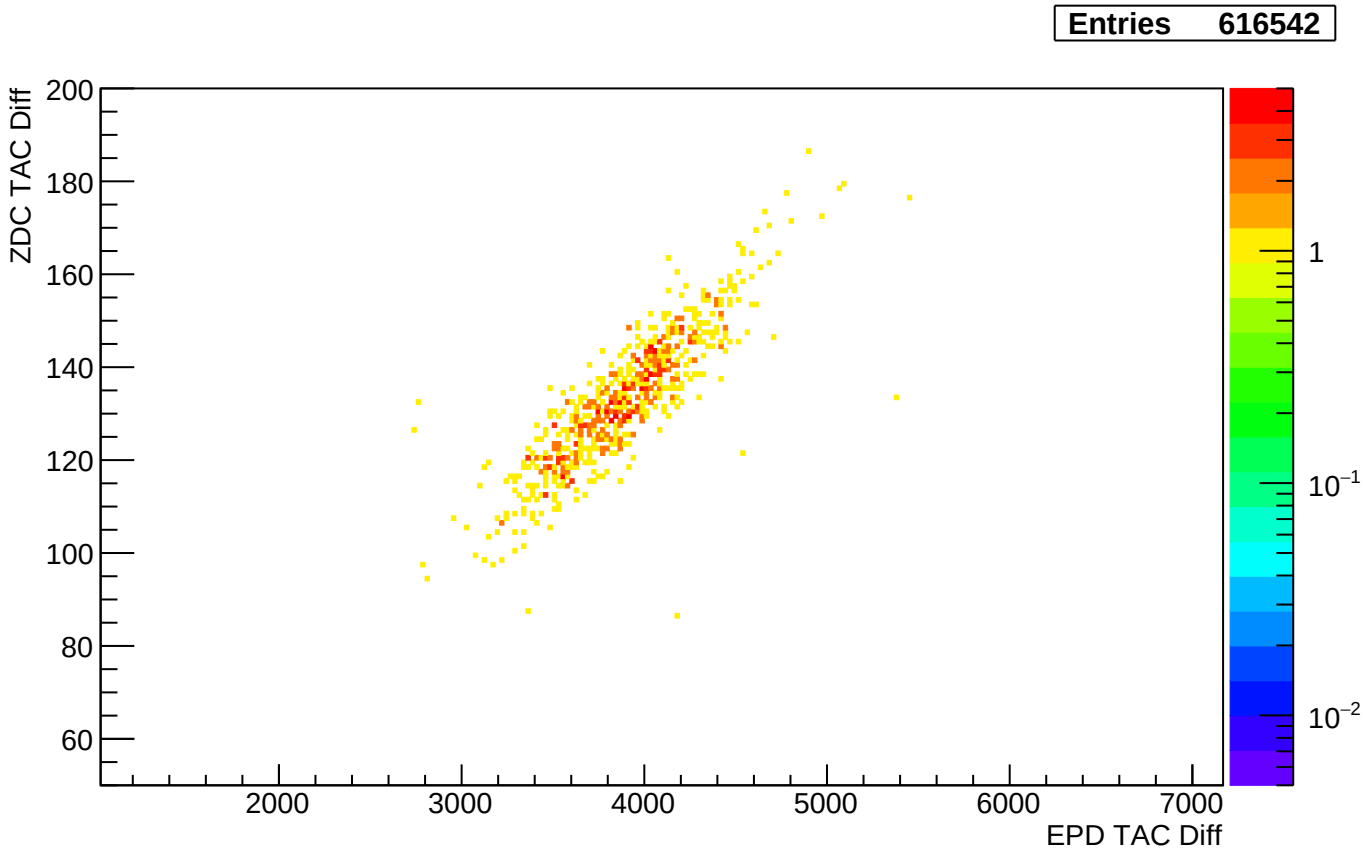

Entries 616542
TOF-Mult
BBC-S-West ADC Sum

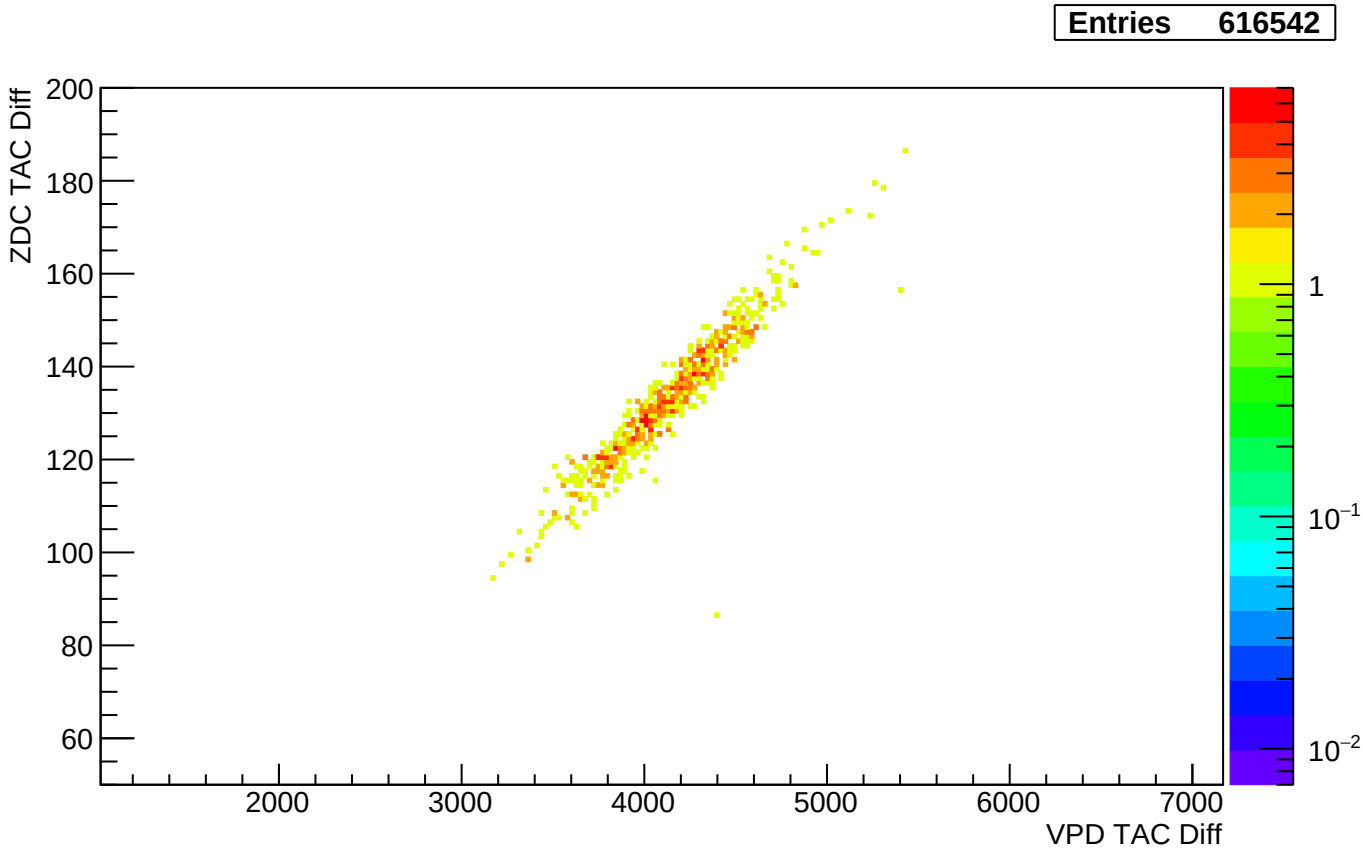

Entries 616542
TOF-Mult
EPD-East Hit Cnt

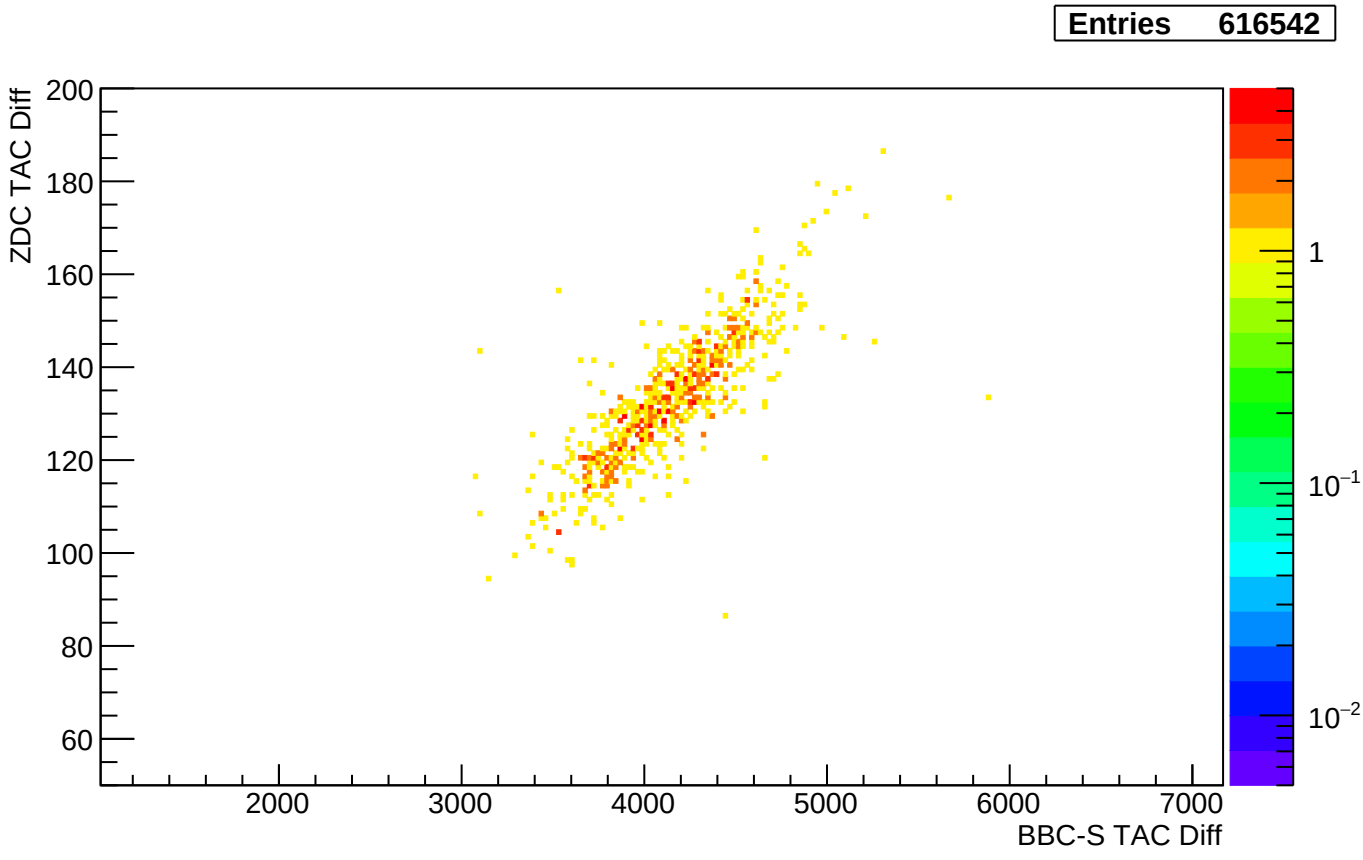

Entries 616542
TOF-Mult
EPD-West Hit Cnt

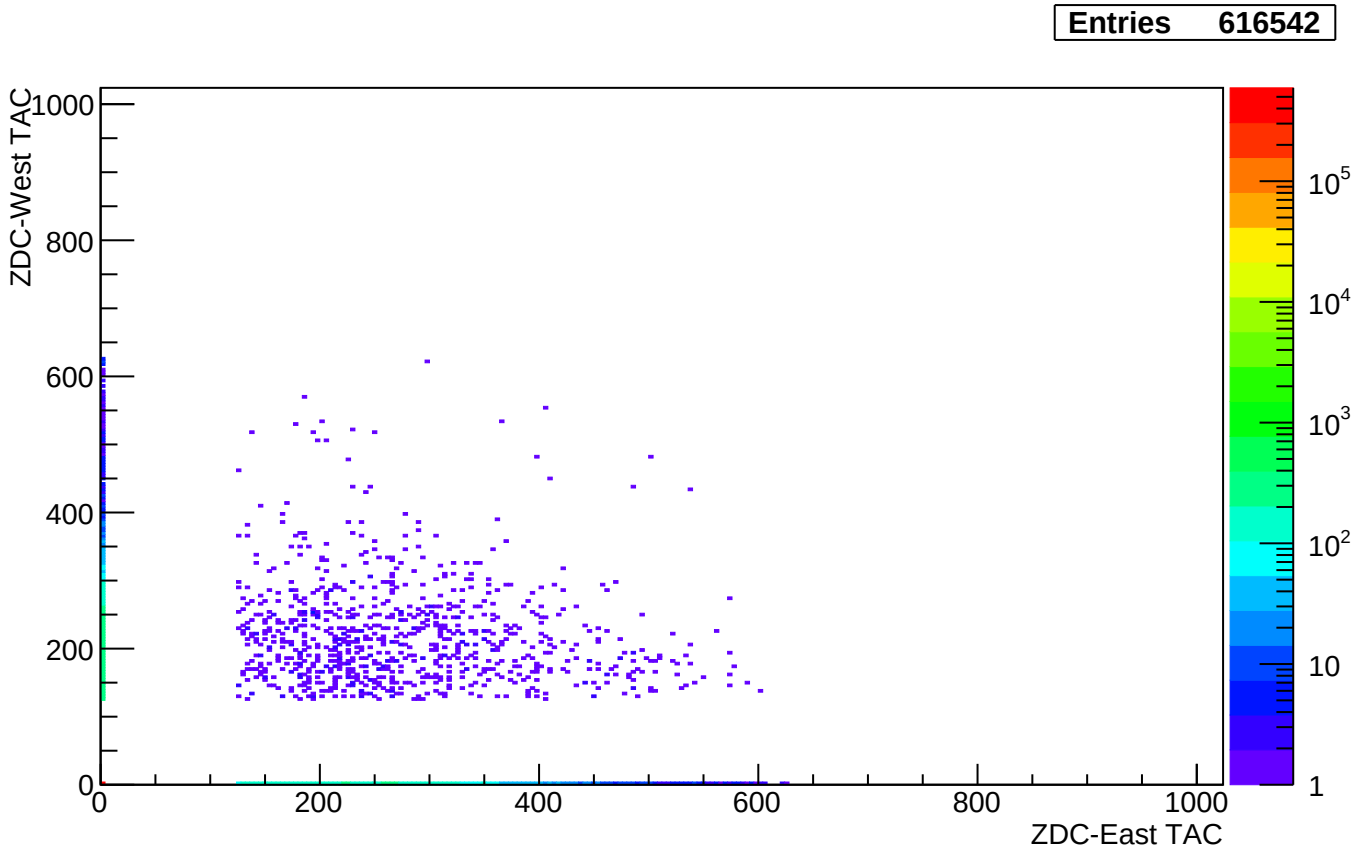

Entries 616542
TOF-Mult
VPD-East ADC Sum

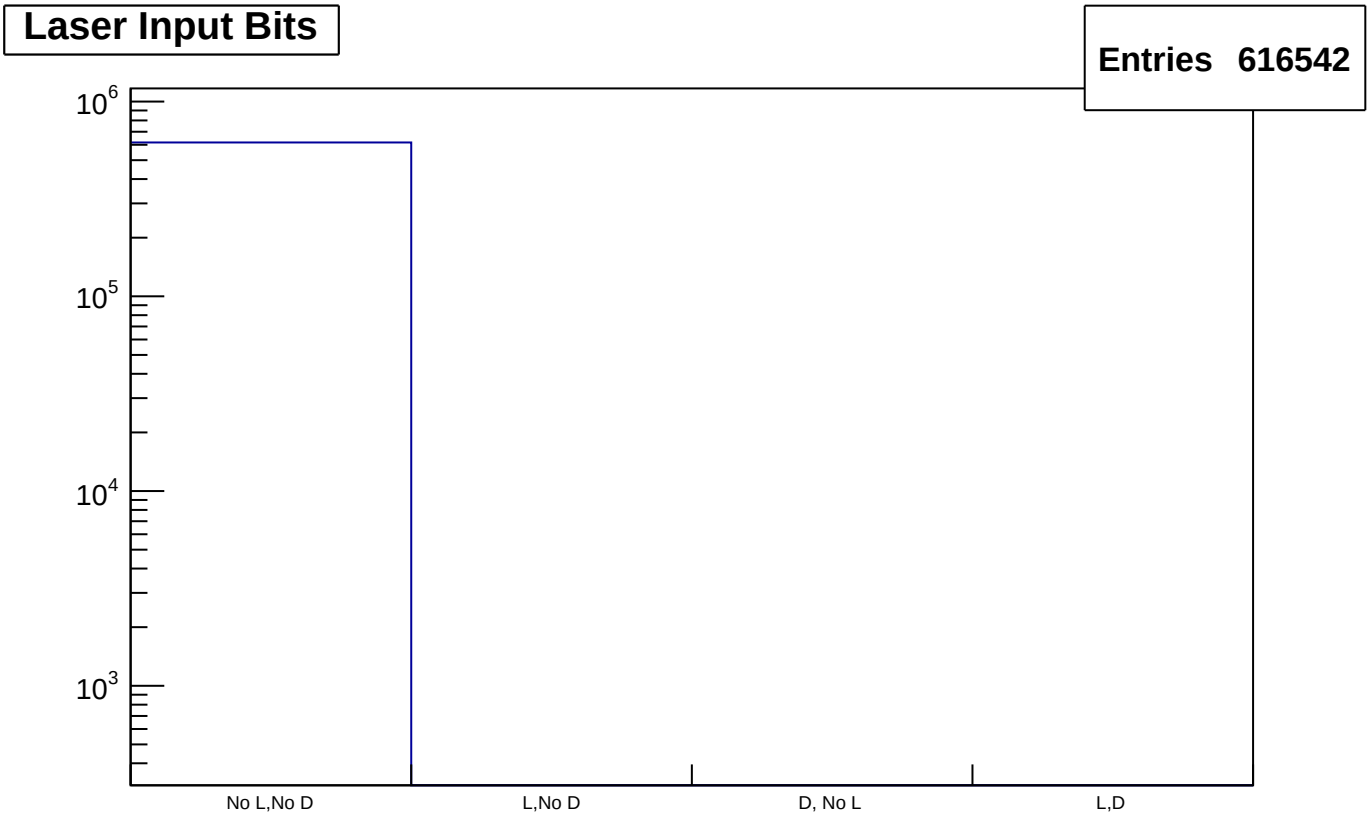

Entries 616542
TOF-Mult
VPD-West ADC Sum

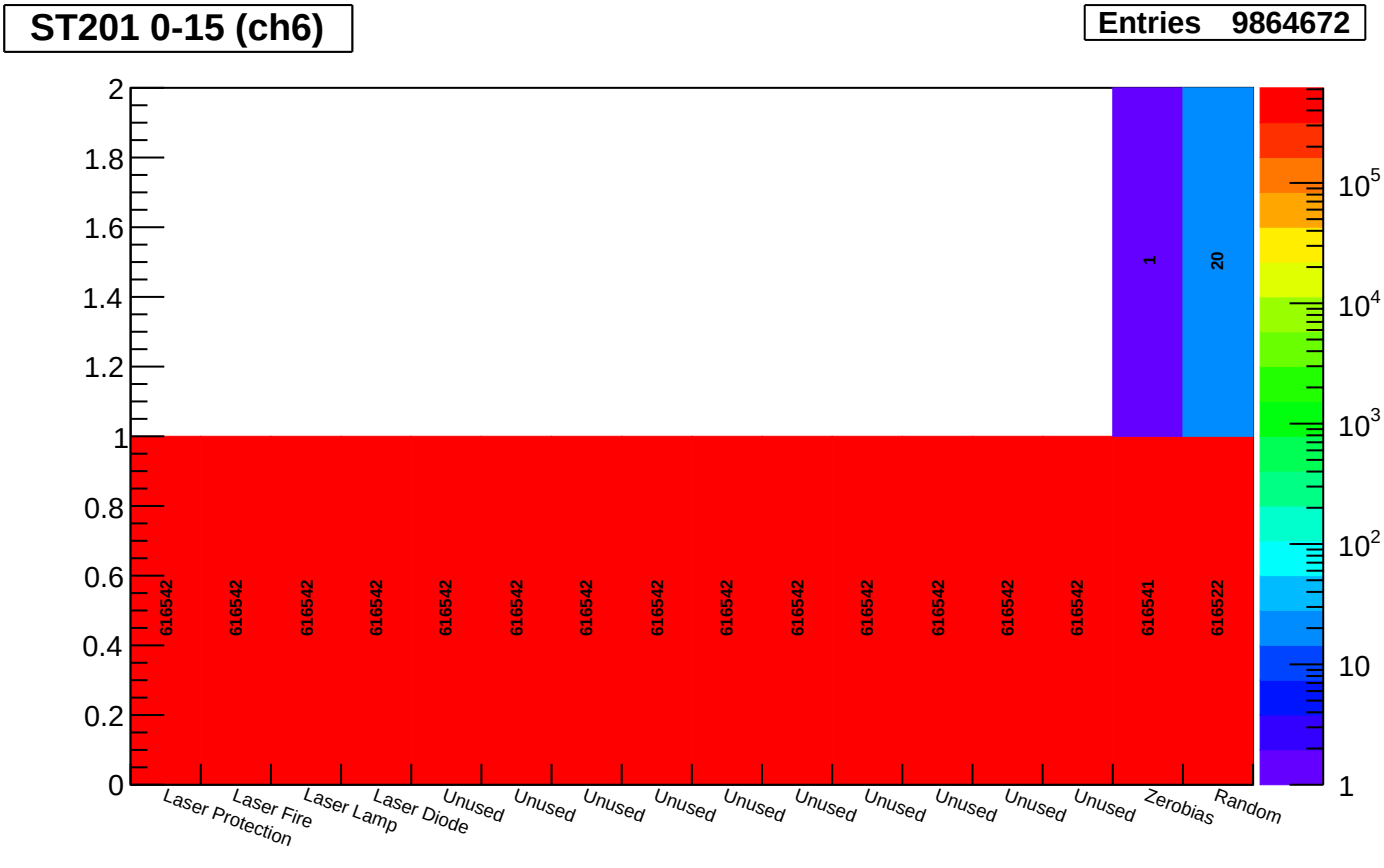

Entries 616542
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

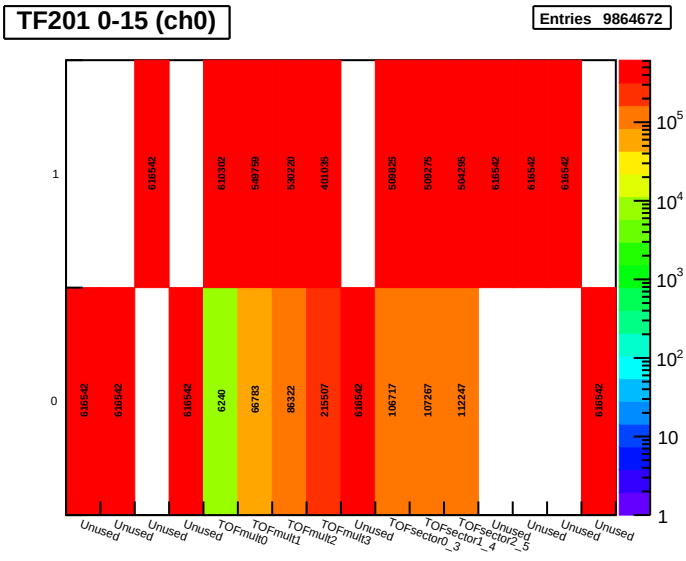

Entries 616542
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

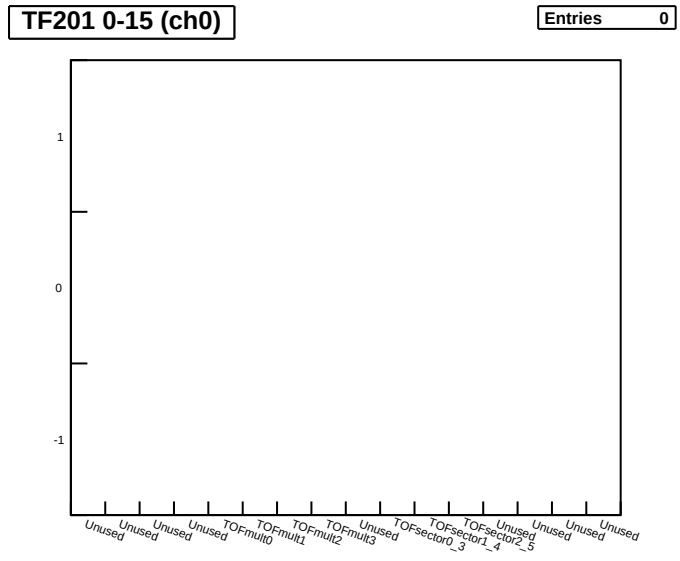

Entries 616542
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

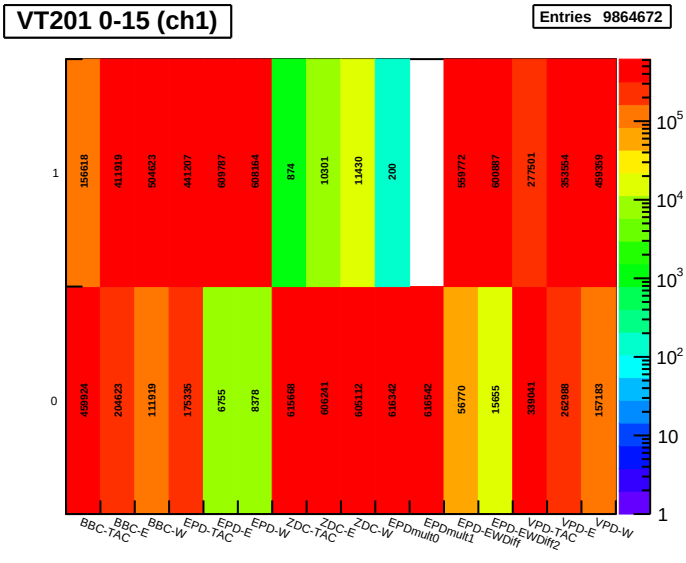

Entries 616542
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

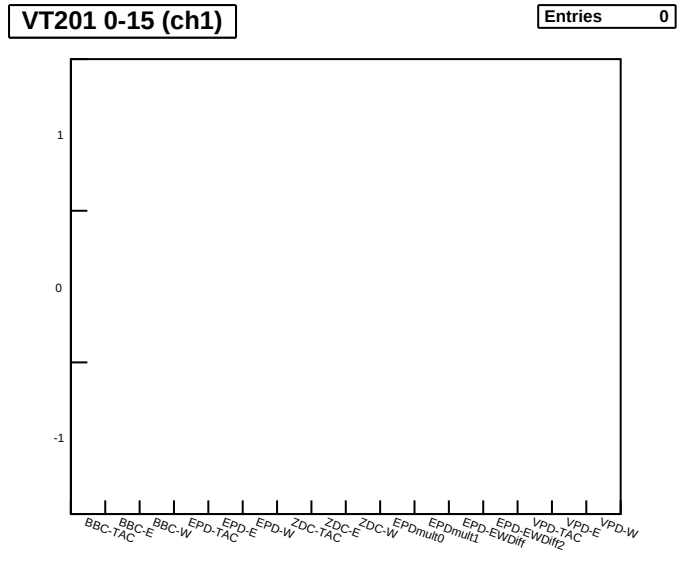

Laser Input Bits
Entries 616542
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

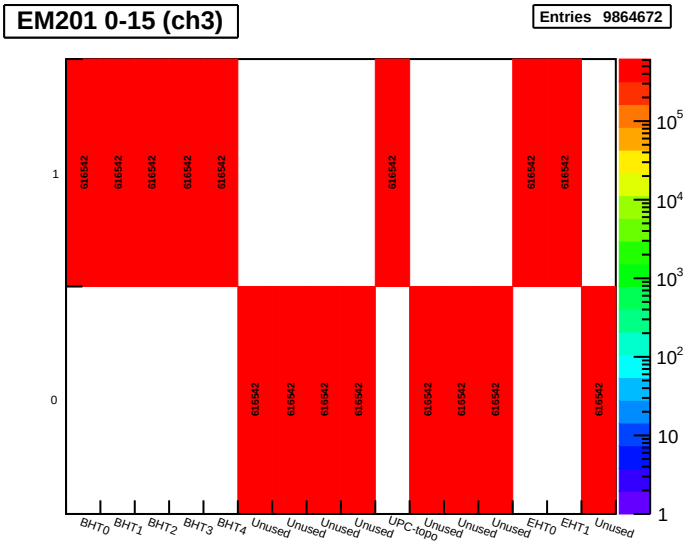

ST201 0-15 (ch6)
Entries 9864672
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616541
616522
1
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

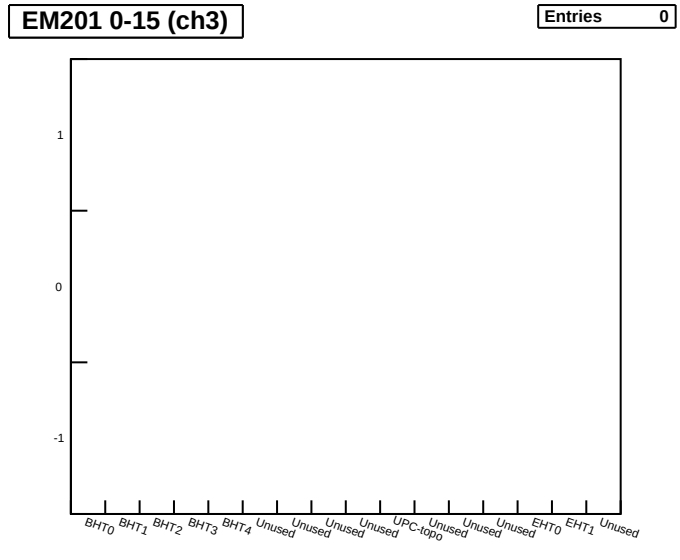

TF201 0-15 (ch0)
Entries 9864672
1
0
616542
610302
549759
530220
401035
509825
509275
504295
616542
616542
616542
616542
616542
616542
616542
6240
66783
86322
215507
616542
106717
107267
112247
616542
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 9864672
1
0
156618
411919
504623
441207
609787
608164
874
10301
11430
200
559772
600887
277501
353554
459359
459924
204623
111919
175335
6755
8378
615668
606241
605112
616342
616542
56770
15655
339041
282988
157183
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 9864672
1
0
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
616542
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