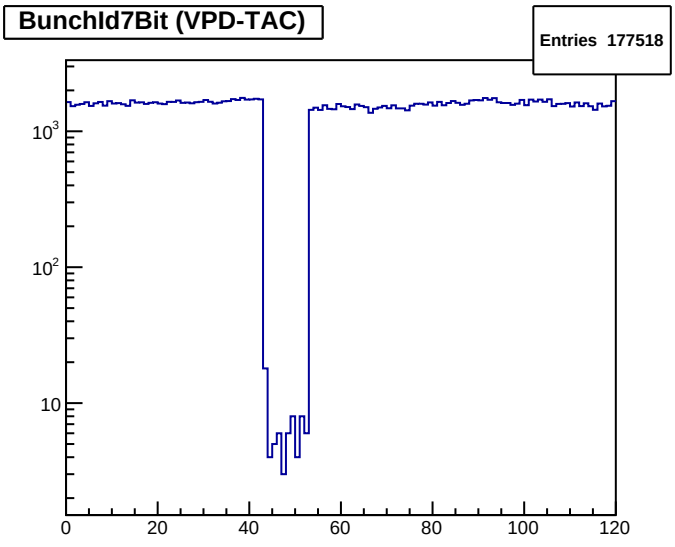
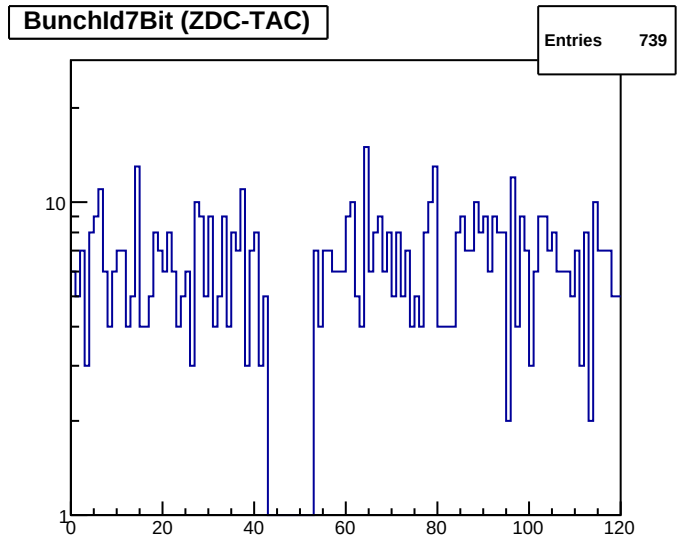
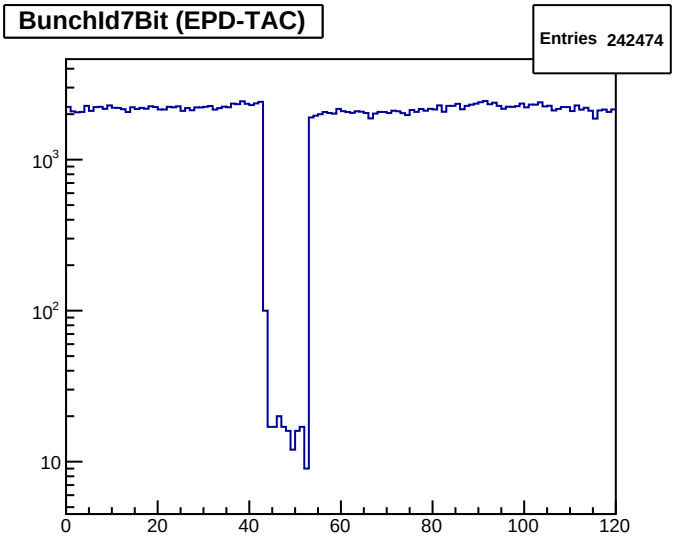
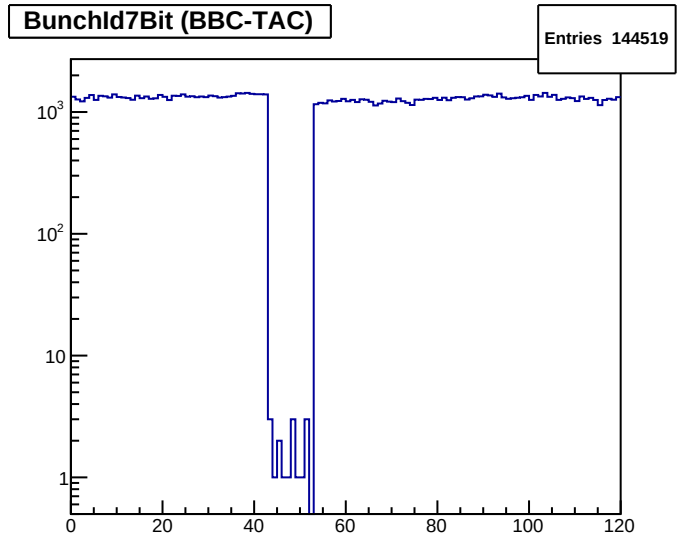
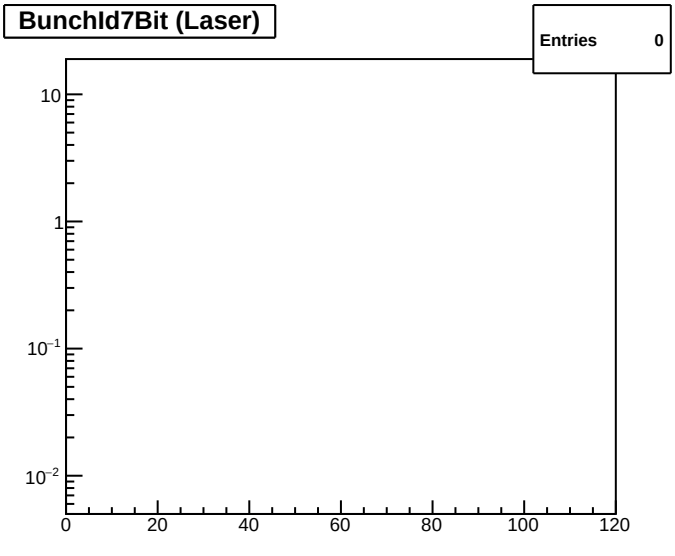
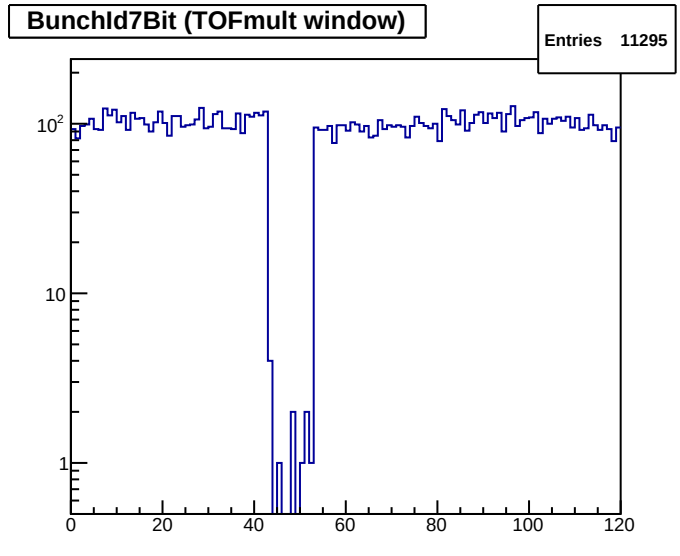

BunchId7Bit (VPD-TAC)
Entries 177518

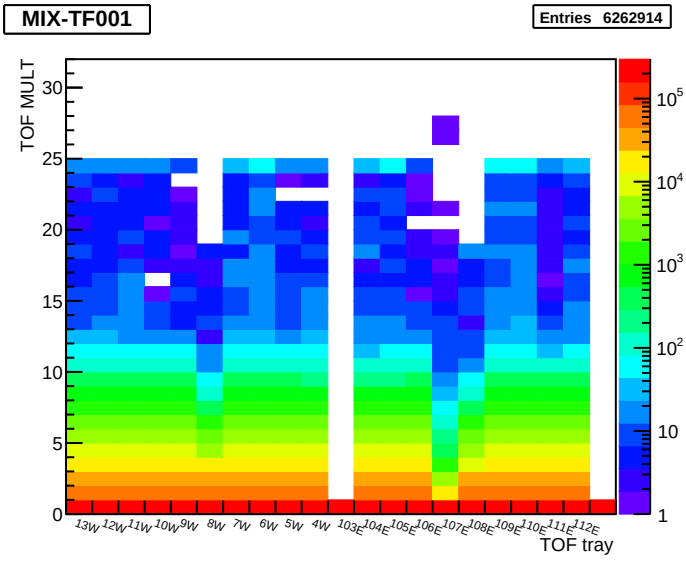

BunchId7Bit (ZDC-TAC)
Entries 739

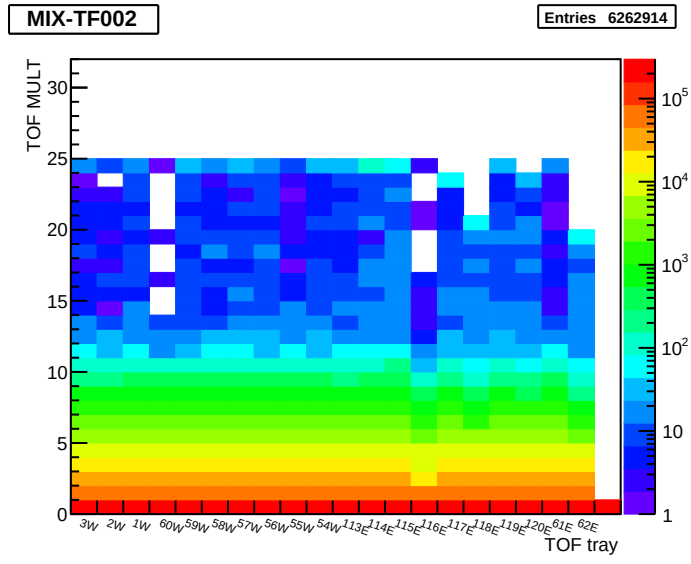

BunchId7Bit (EPD-TAC)
Entries 242474

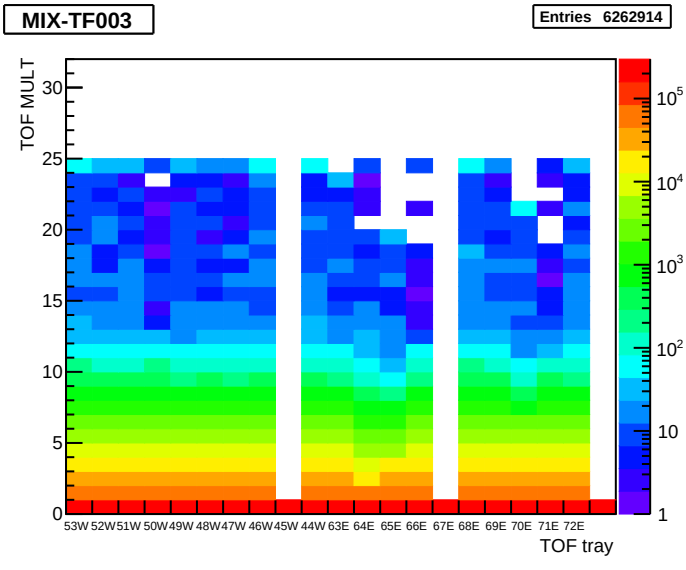

BunchId7Bit (BBC-TAC)
Entries 144519

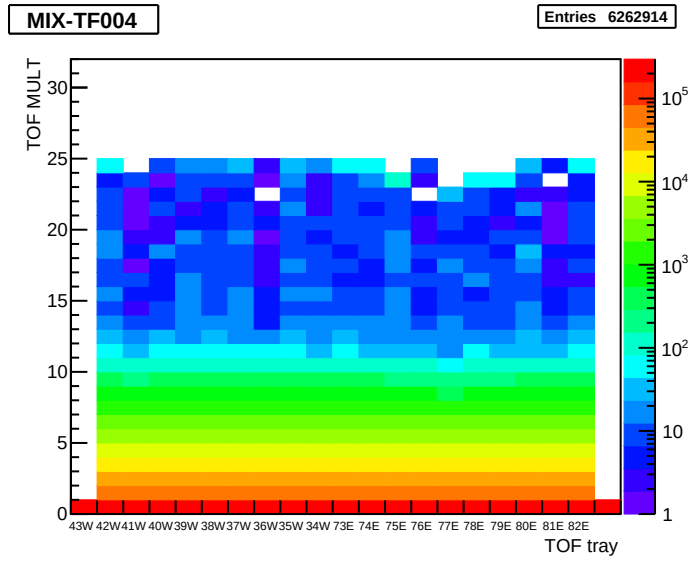

BunchId7Bit (Laser)
Entries 0

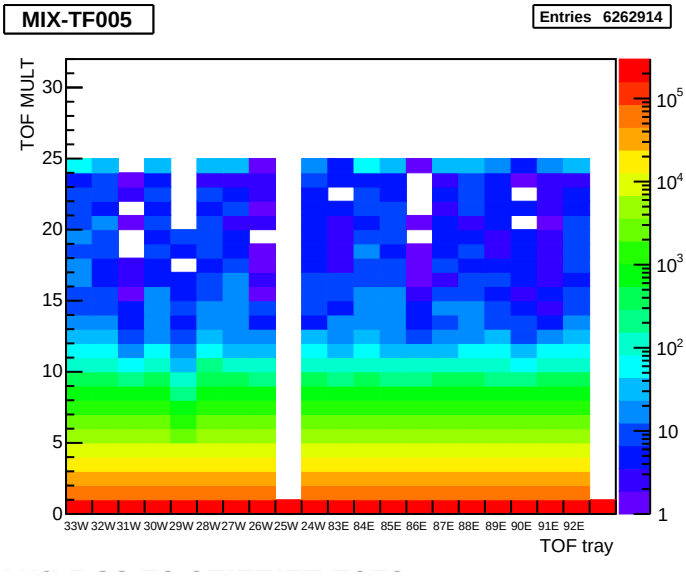

BunchId7Bit (TOFmult window)
Entries 11295

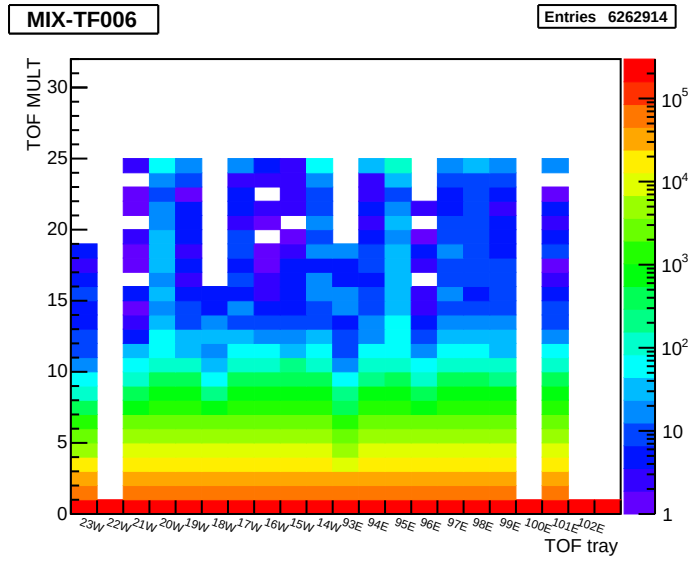

MIX-TF001
Entries 6262914
TOF MULT
TOF tray

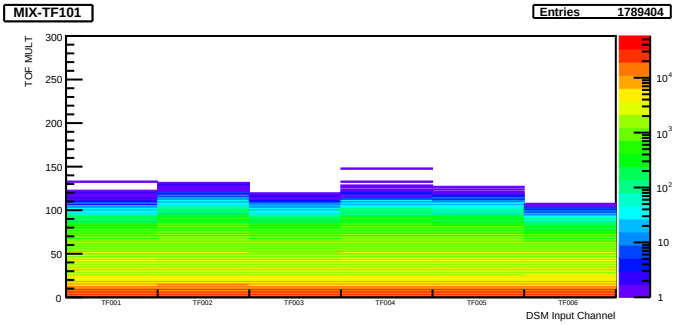

MIX-TF002
Entries 6262914
TOF MULT
TOF tray

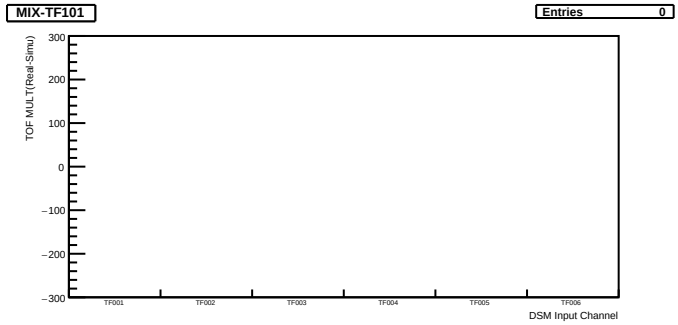

MIX-TF003
Entries 6262914
TOF MULT
TOF tray

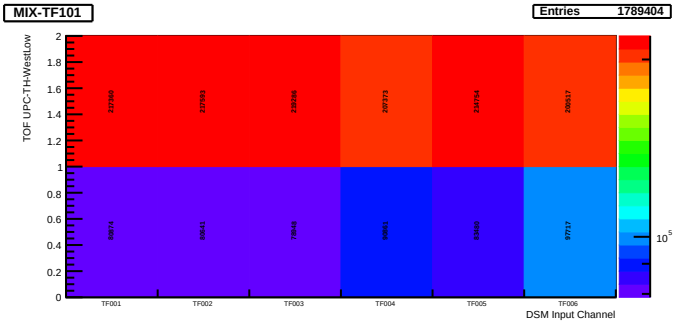

MIX-TF004
Entries 6262914
TOF MULT
TOF tray

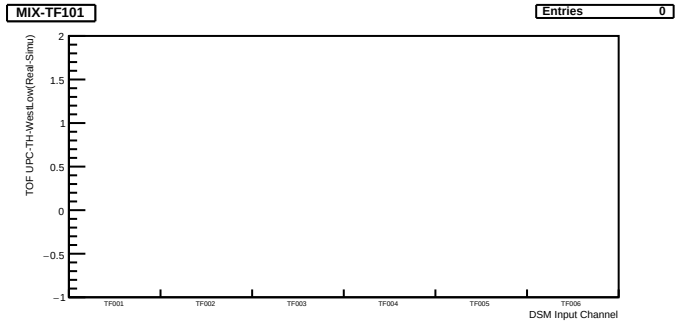

MIX-TF005
Entries 6262914
TOF MULT
TOF tray

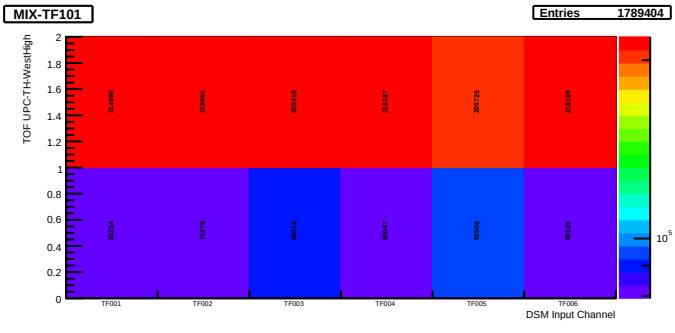

MIX-TF006
Entries 6262914
TOF MULT
TOF tray

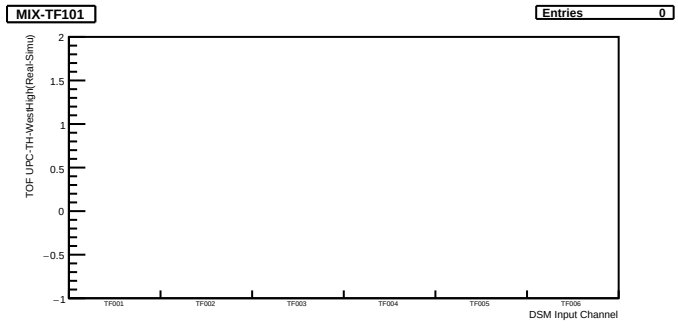

MIX-TF101
Entries 1789404
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

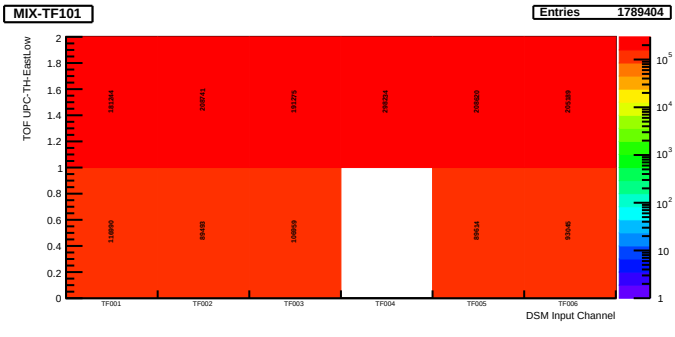

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

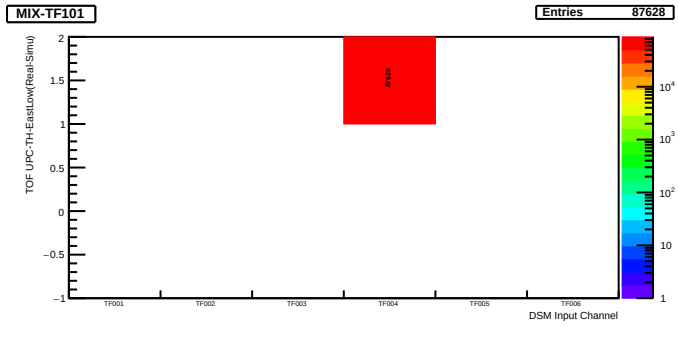

MIX-TF101
Entries 1789404
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

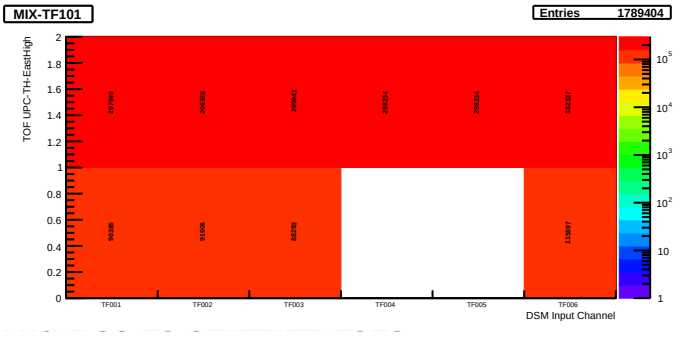

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

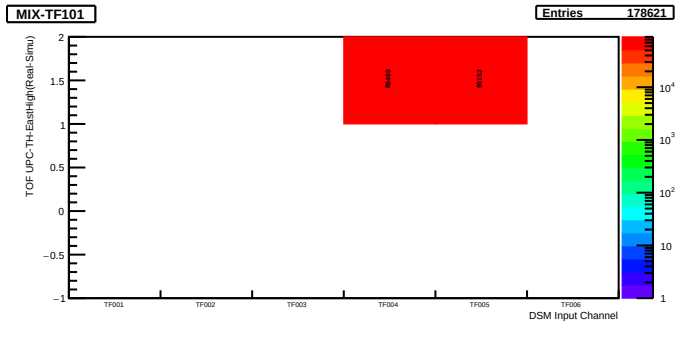

MIX-TF101
Entries 1789404
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

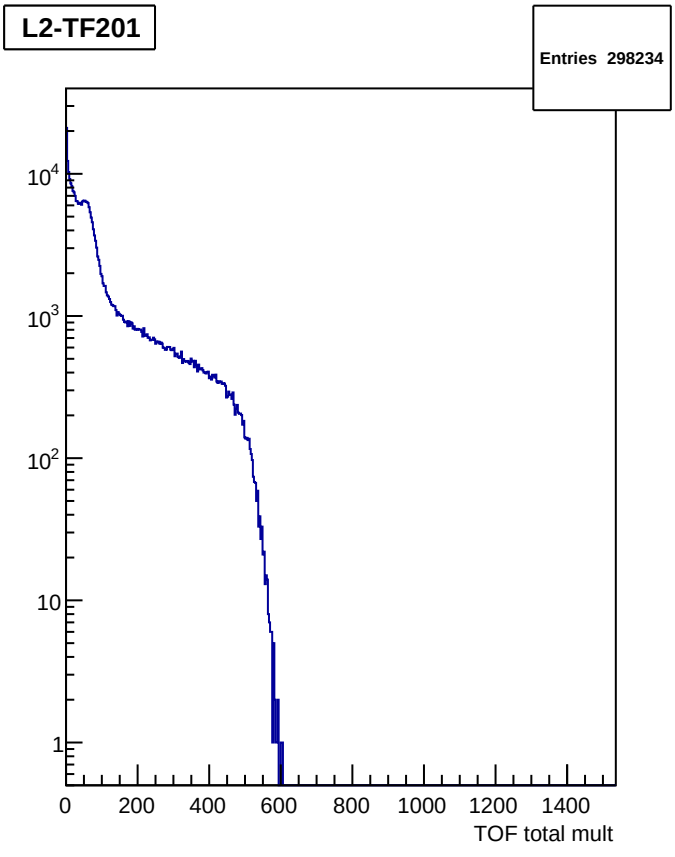

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

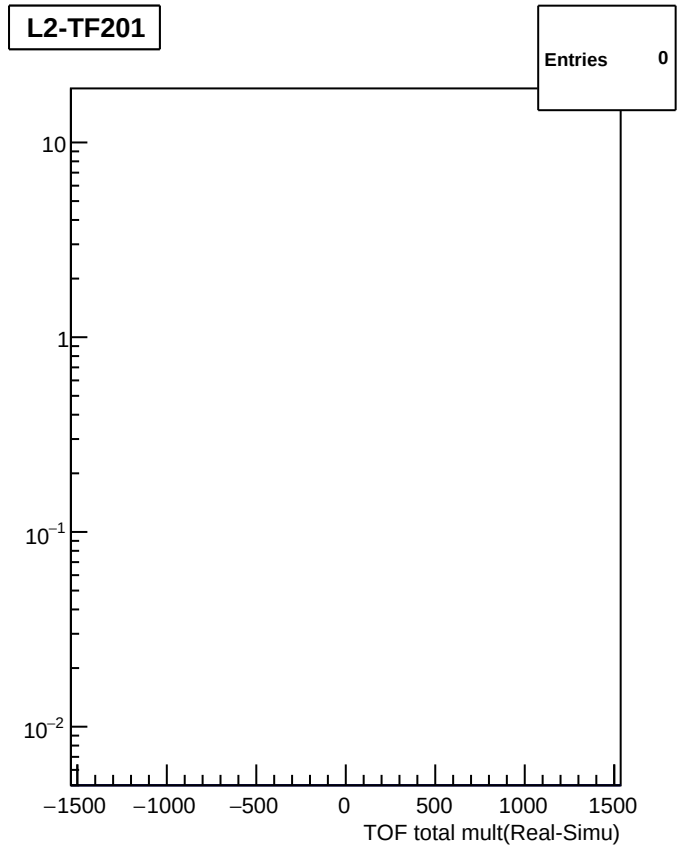

MIX-TF101
Entries 1789404
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

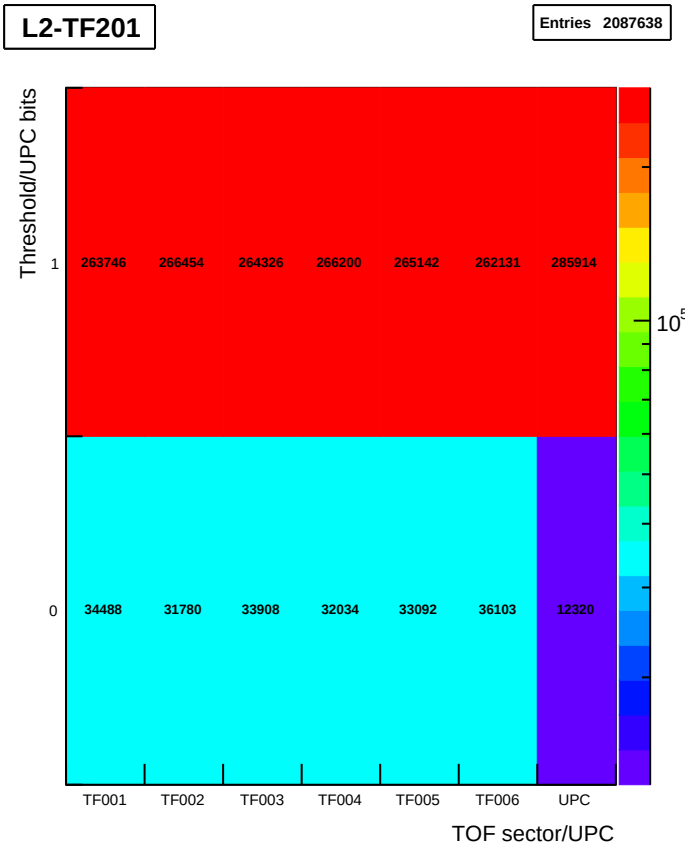

MIX-TF101
Entries 87628
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

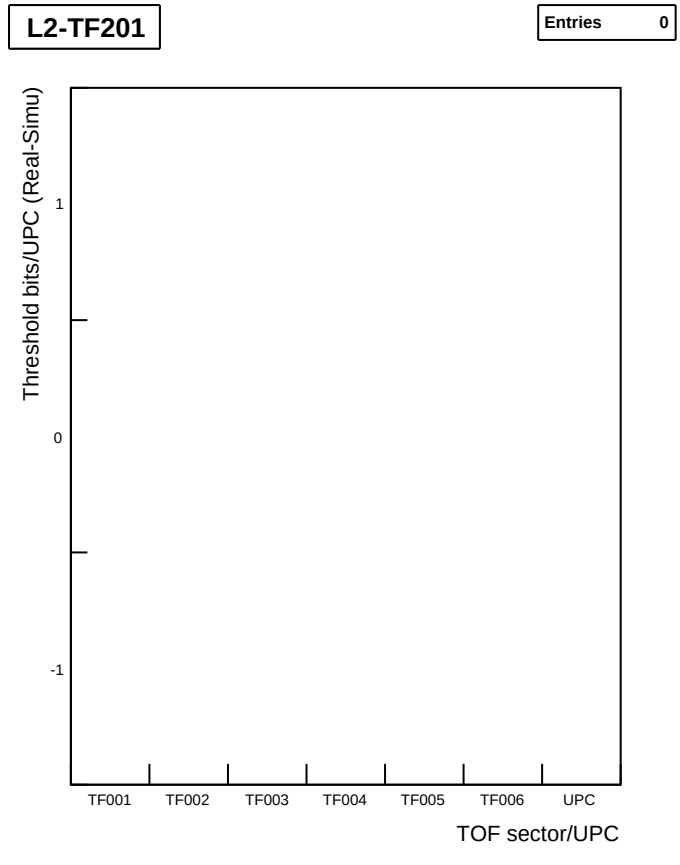

MIX-TF101
Entries 1789404
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

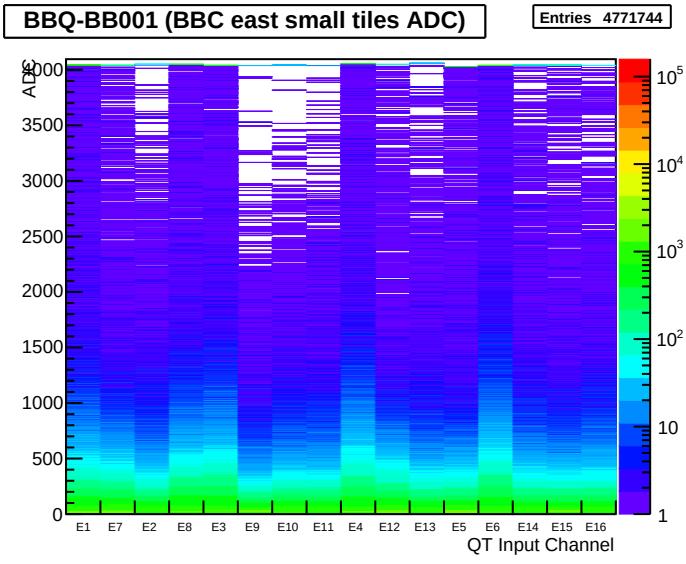

MIX-TF101
Entries 178621
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

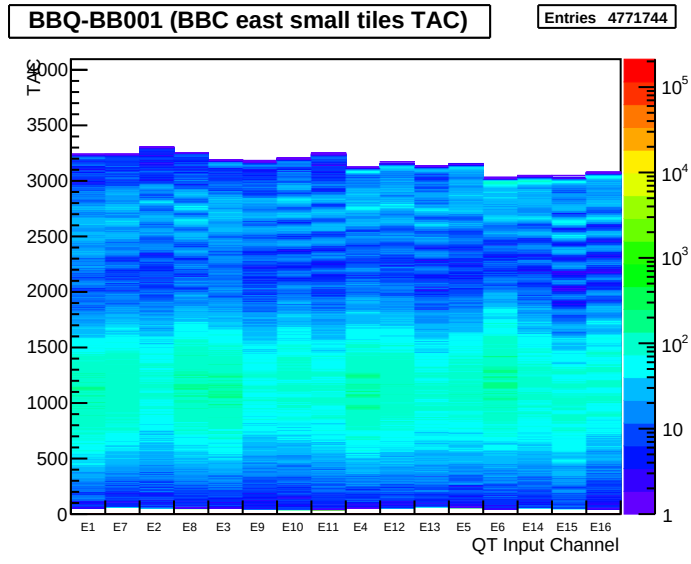

L2-TF201
Entries 298234
TOF total mult

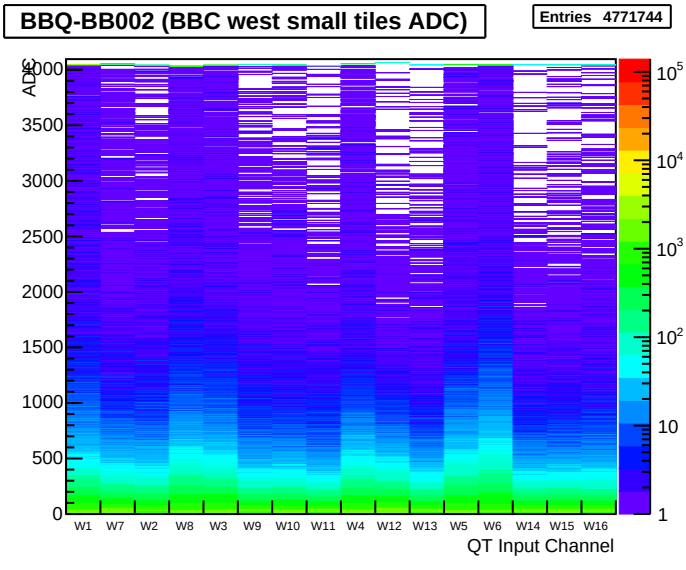

L2-TF201
Entries 0
TOF total mult(Real-Simu)

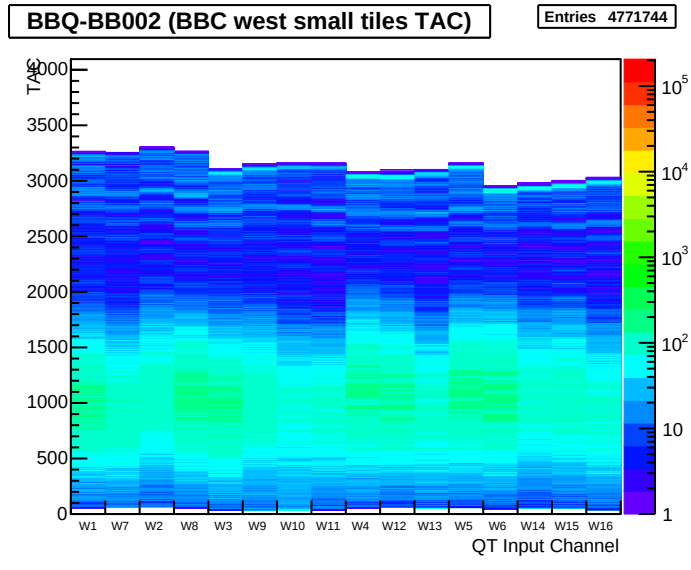

L2-TF201
Entries 2087638
Threshold/UPC bits
263746
266454
264326
266200
265142
262131
285914
34488
31780
33908
32034
33092
36103
12320
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

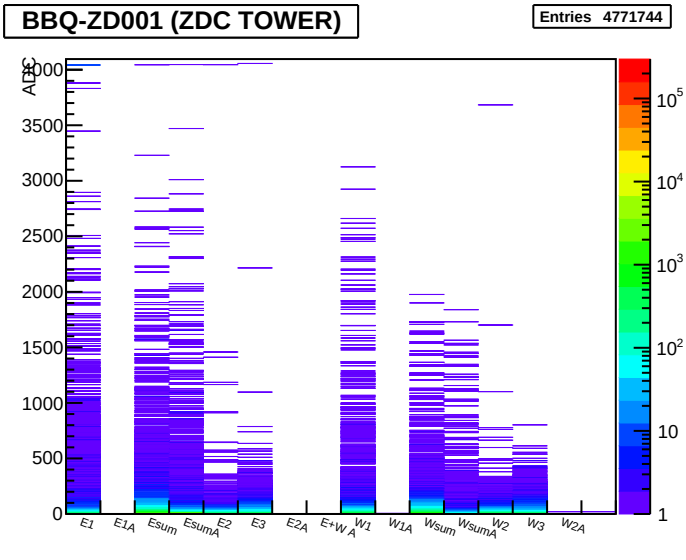

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

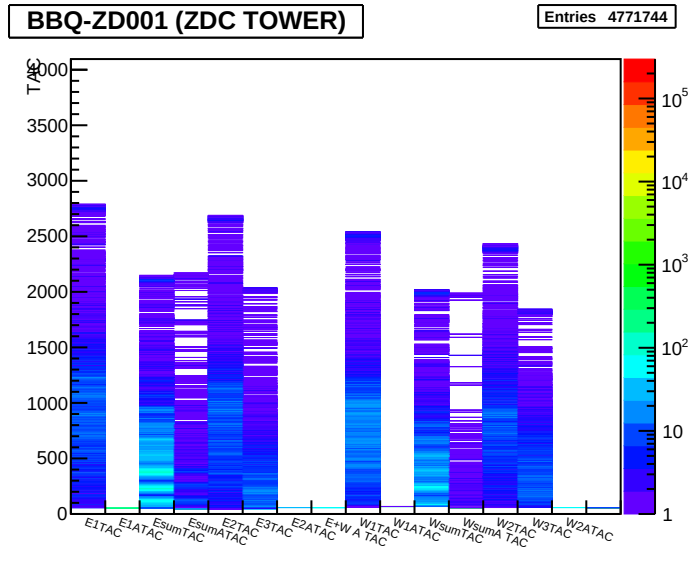

BBQ-BB001 (BBC east small tiles ADC)
Entries 4771744
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

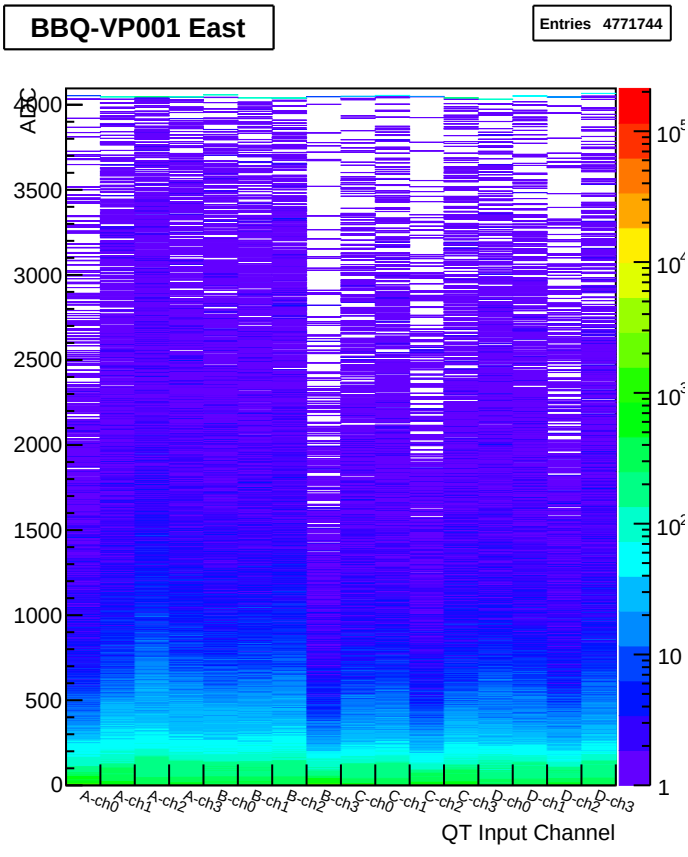

BBQ-BB001 (BBC east small tiles TAC)
Entries 4771744
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

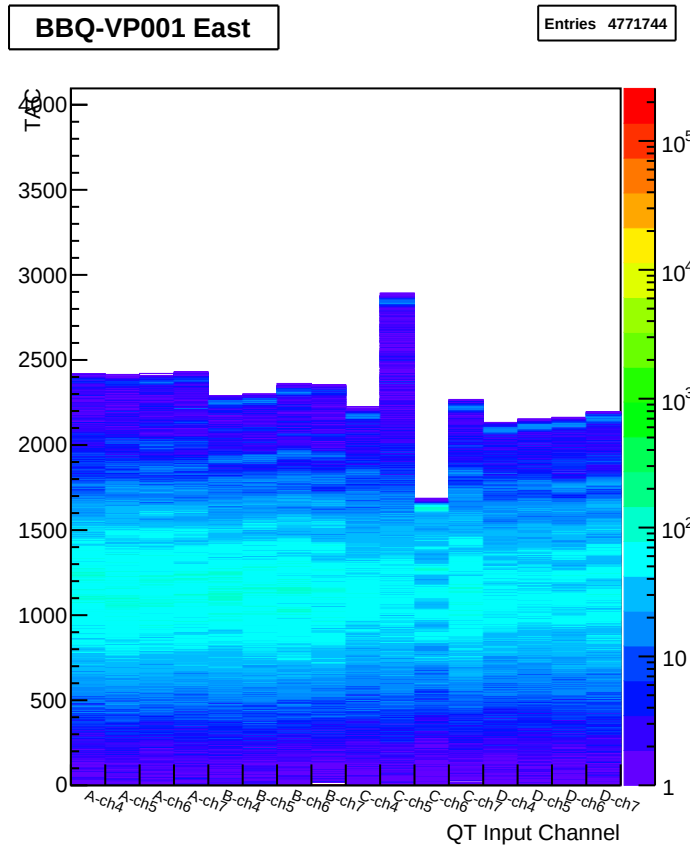

BBQ-BB002 (BBC west small tiles ADC)
Entries 4771744
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

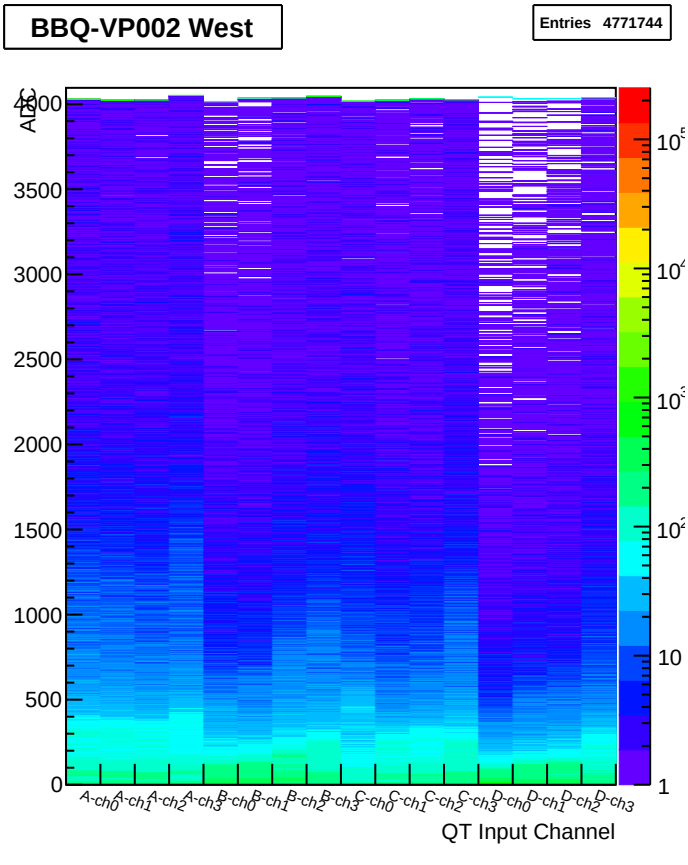

BBQ-BB002 (BBC west small tiles TAC)
Entries 4771744
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

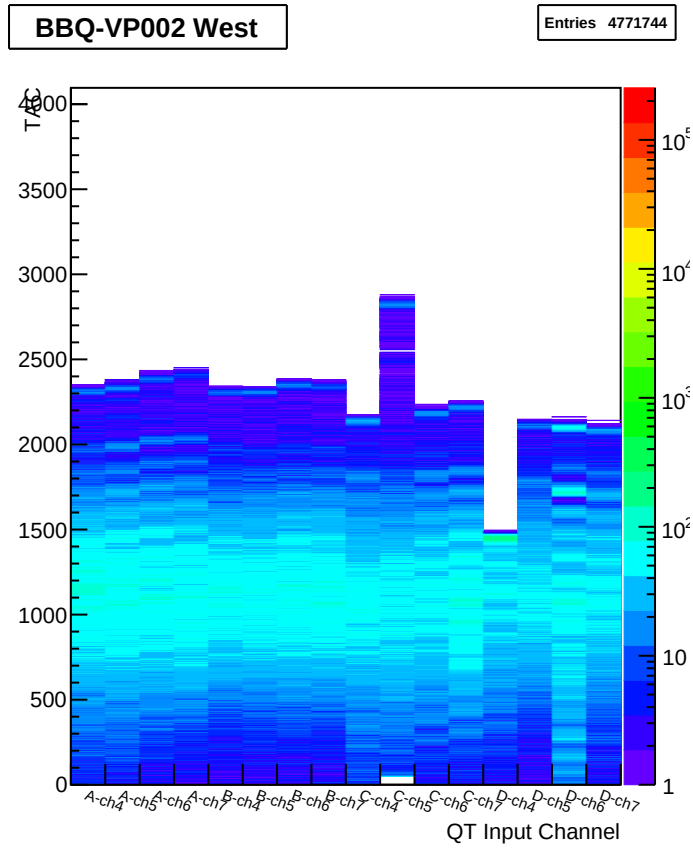

BBQ-ZD001 (ZDC TOWER)
Entries 4771744
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

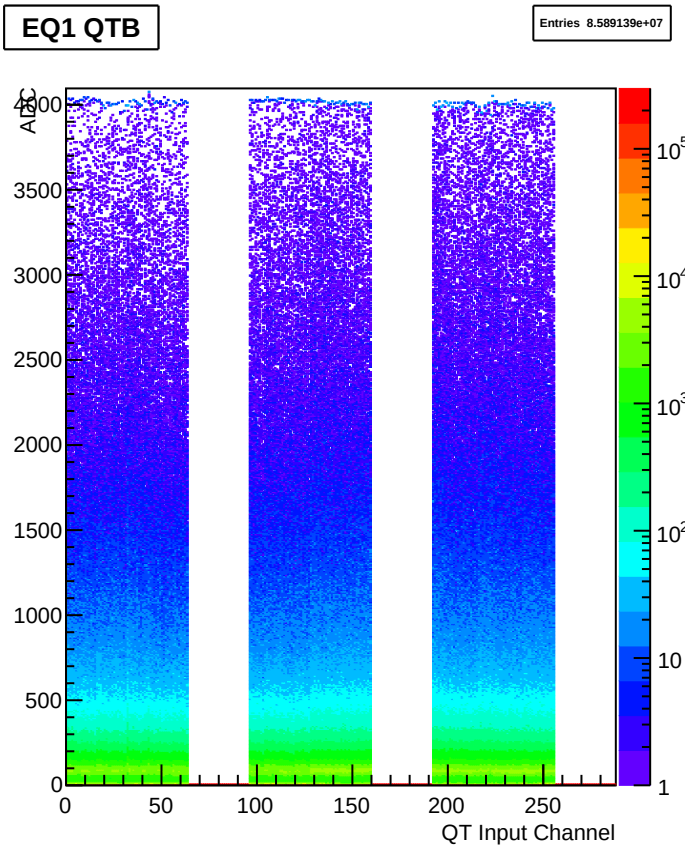

BBQ-ZD001 (ZDC TOWER)
Entries 4771744
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

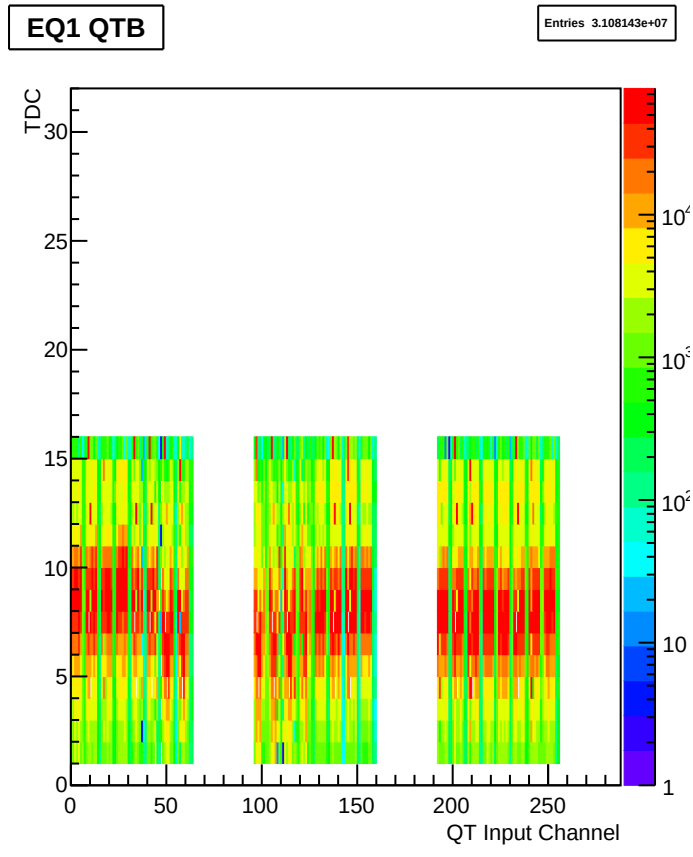

BBQ-VP001 East
Entries 4771744
ADC
QT Input Channel

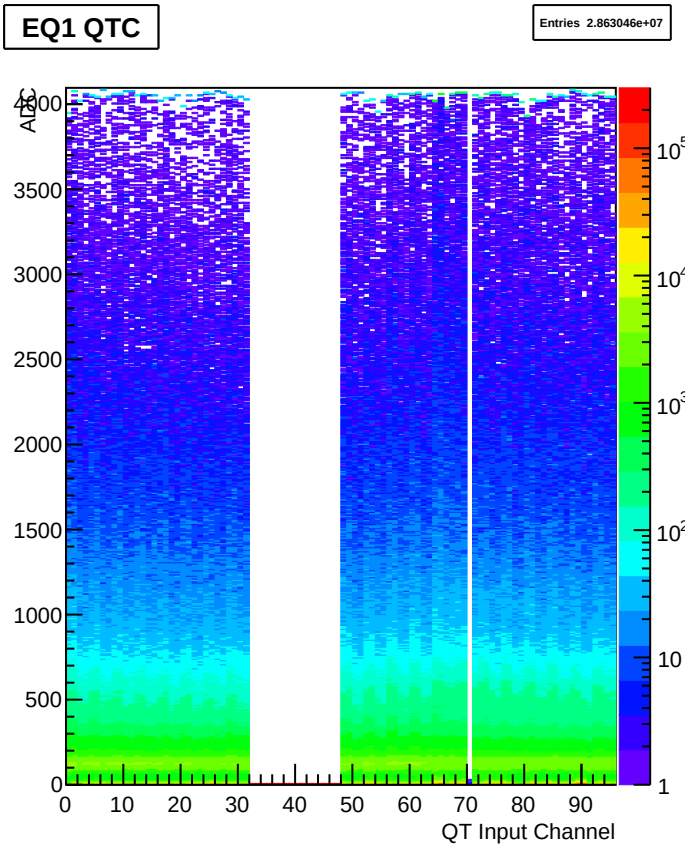

BBQ-VP001 East
Entries 4771744
ADC
QT Input Channel

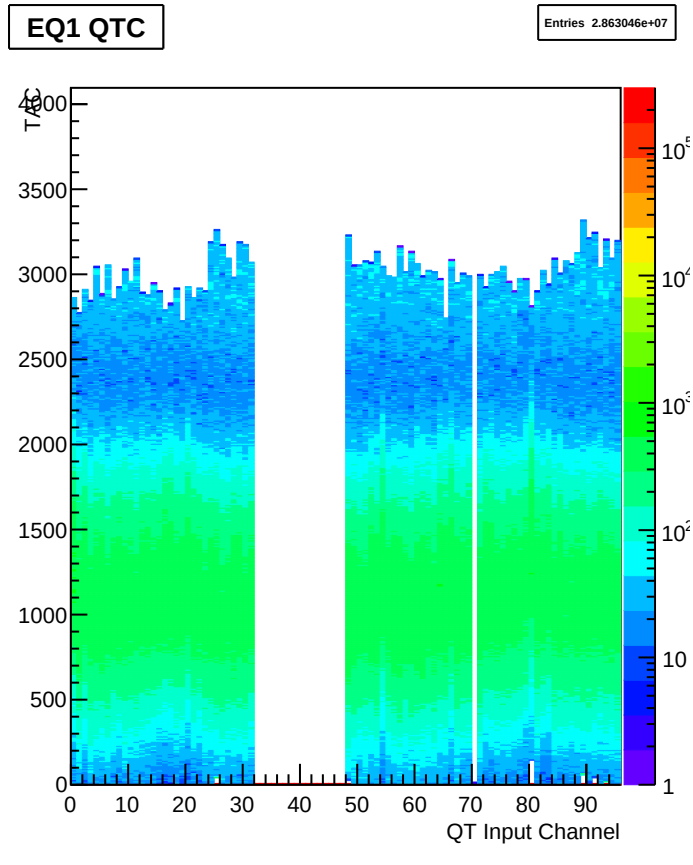

BBQ-VP002 West
Entries 4771744
ADC
QT Input Channel

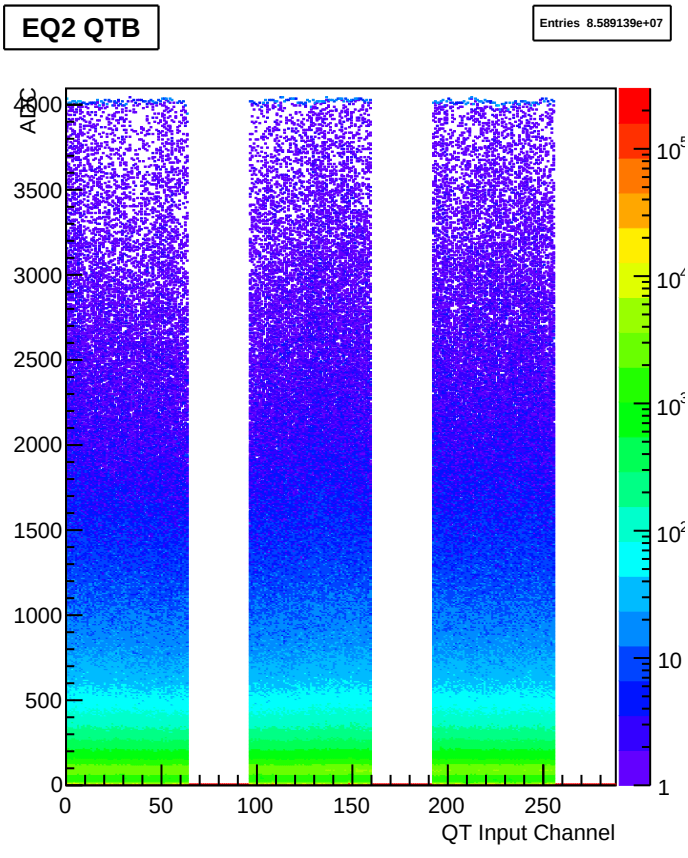

BBQ-VP002 West
Entries 4771744
ADC
QT Input Channel

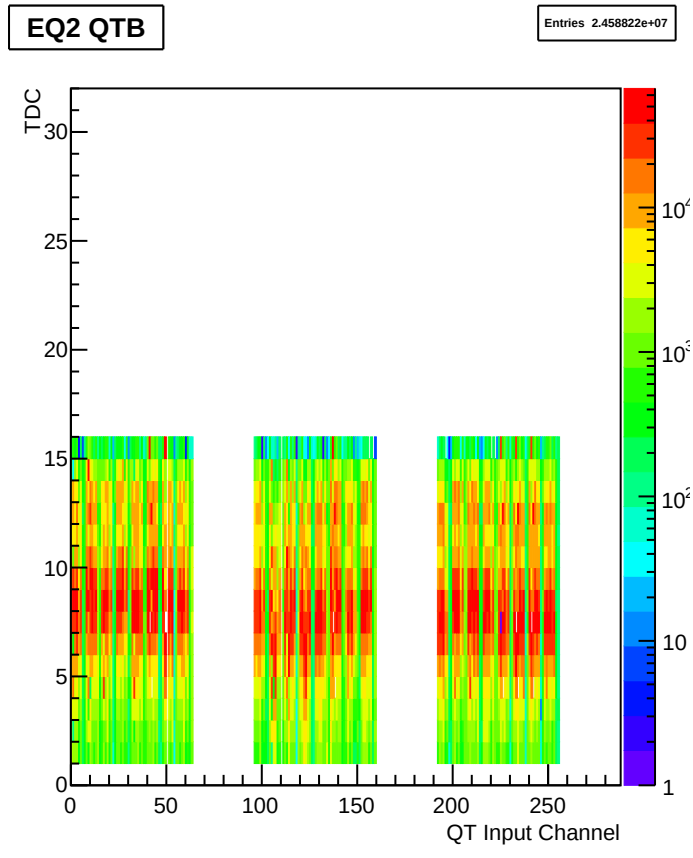

EQ1 QTB
Entries 8.589139e+07
ADC
QT Input Channel

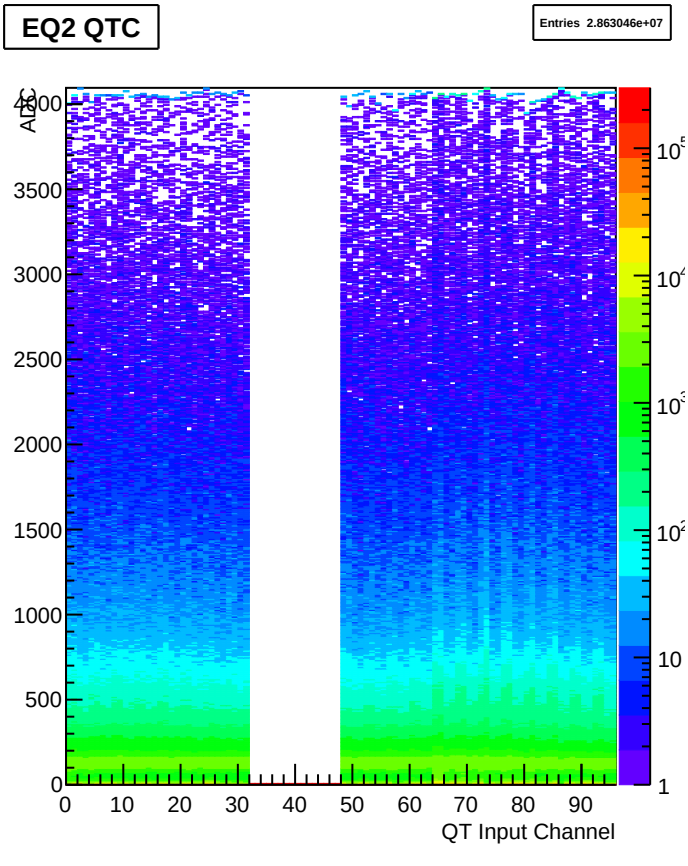

EQ1 QTB
Entries 3.108143e+07
TDC
QT Input Channel

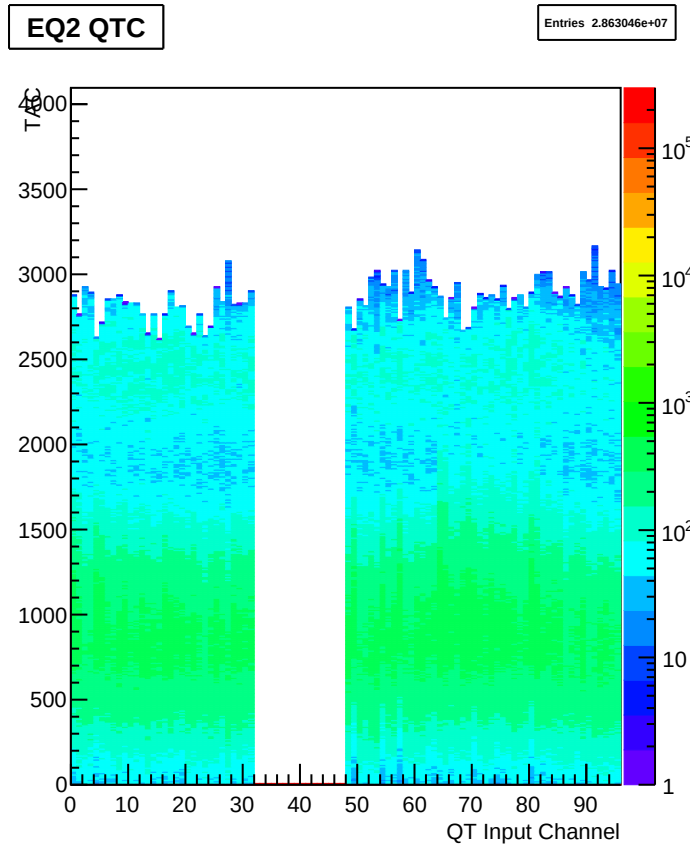

EQ1 QTC
Entries 2.863046e+07
ADC
QT Input Channel

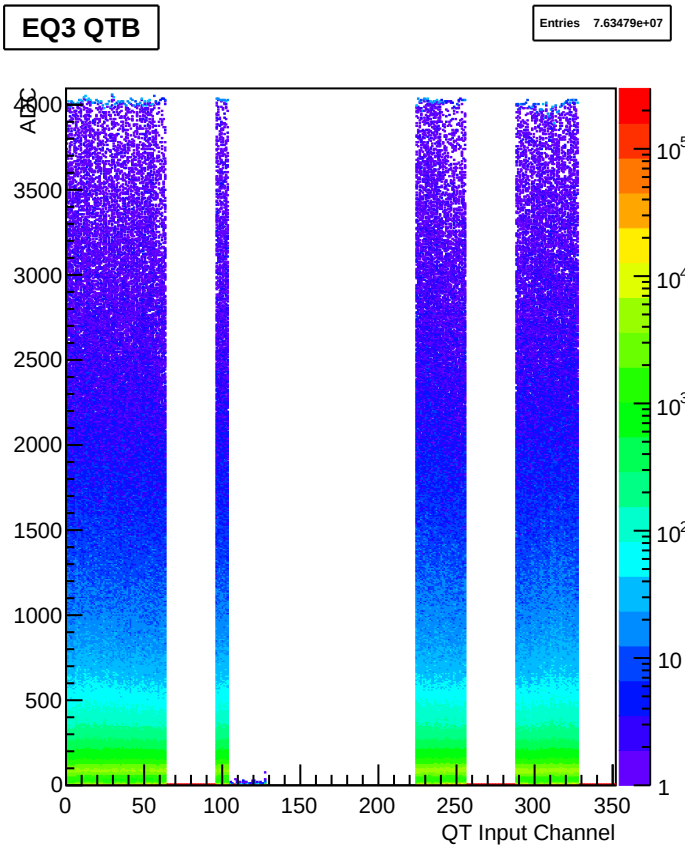

EQ1 QTC
Entries 2.863046e+07
TADC
QT Input Channel

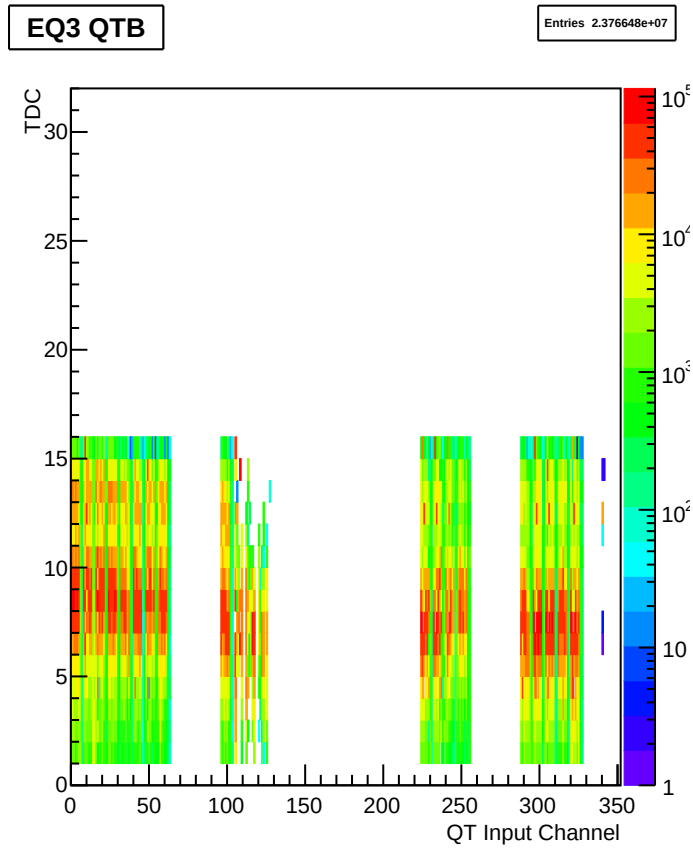

EQ2 QTB
Entries 8.589139e+07
ADC
QT Input Channel

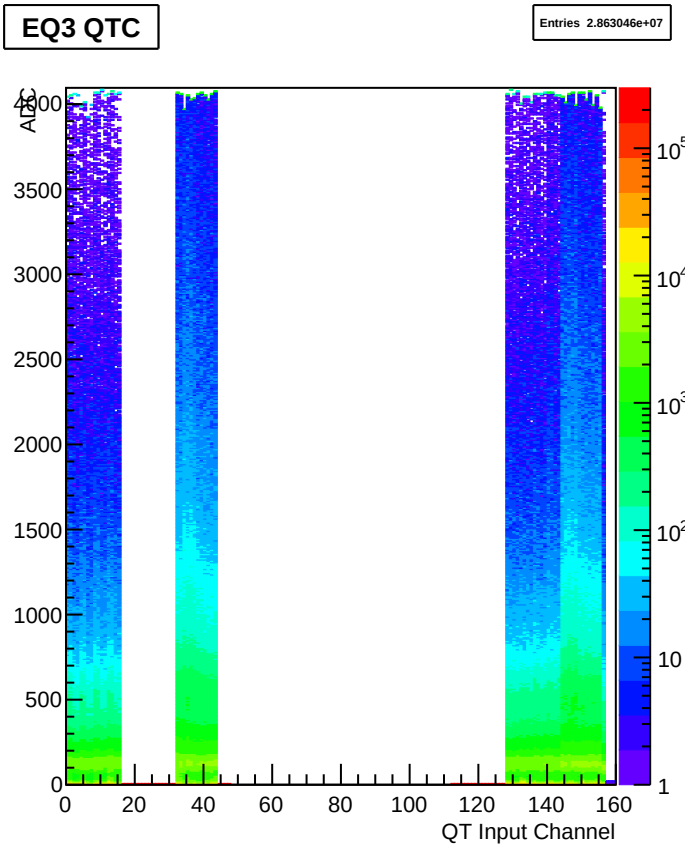

EQ2 QTB
Entries 2.458822e+07
TDC
QT Input Channel

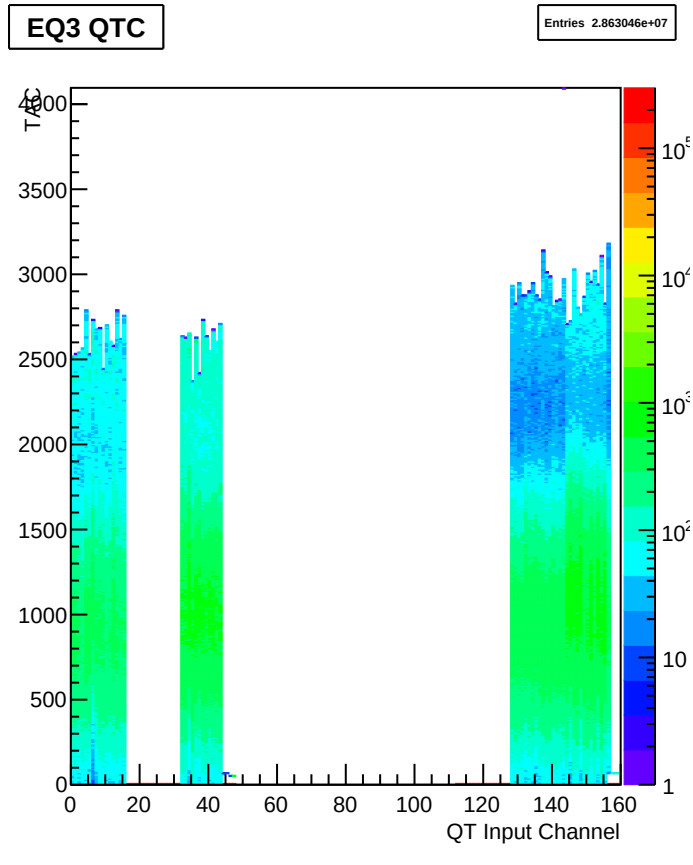

EQ2 QTC
Entries 2.863046e+07
ADC
QT Input Channel

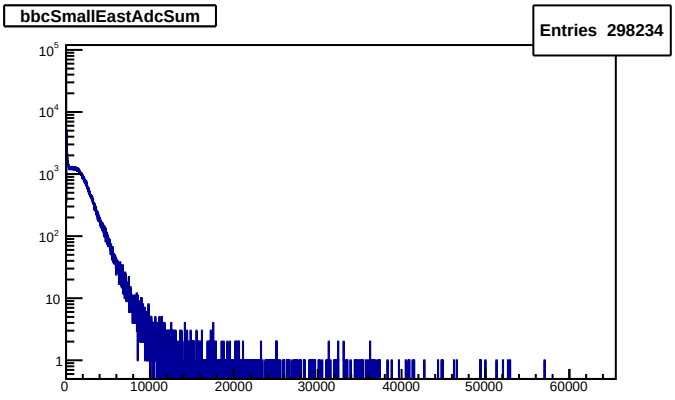

EQ2 QTC
Entries 2.863046e+07
TADC
QT Input Channel

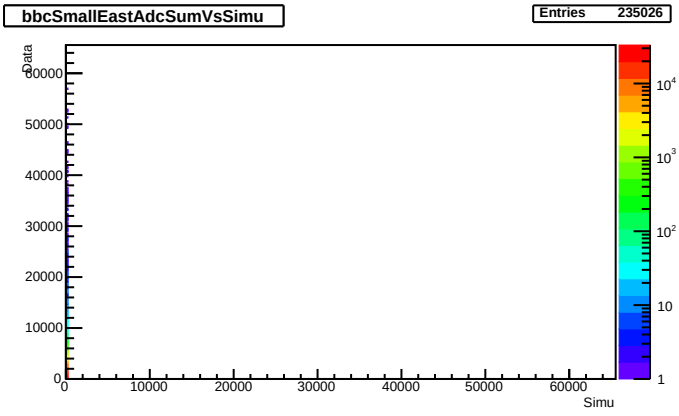

EQ3 QTB
Entries 7.63479e+07
ADC
QT Input Channel

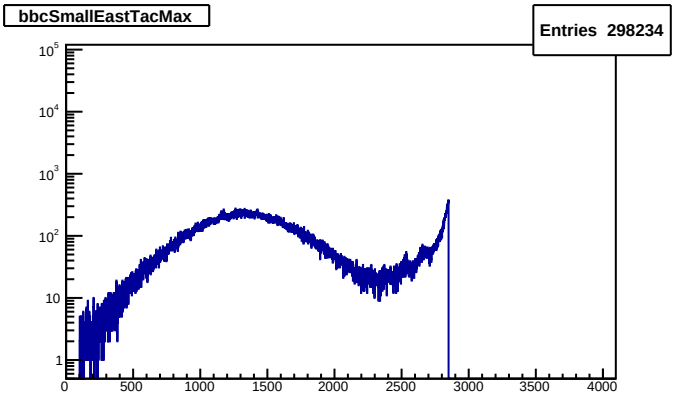

EQ3 QTB
Entries 2.376648e+07
TDC
QT Input Channel

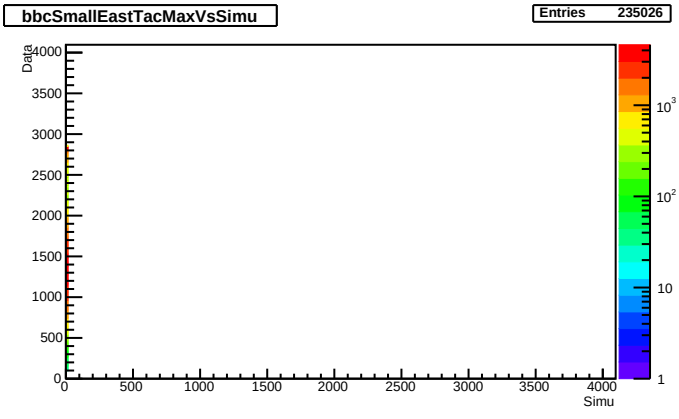

EQ3 QTC
Entries 2.863046e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.863046e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 298234


bbcSmallEastAdcSumVsSimu
Entries 235026
Data
Simu


bbcSmallEastTacMax
Entries 298234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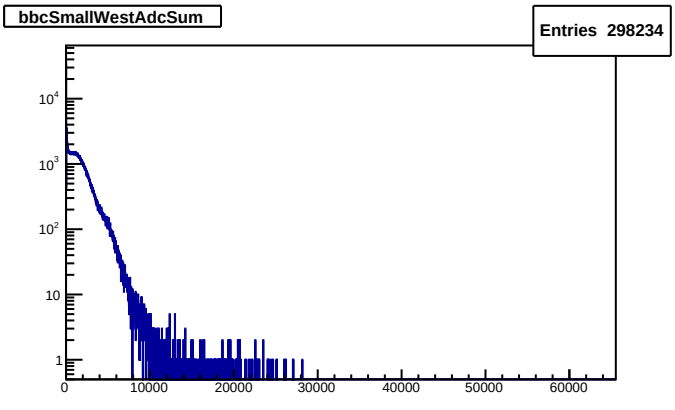
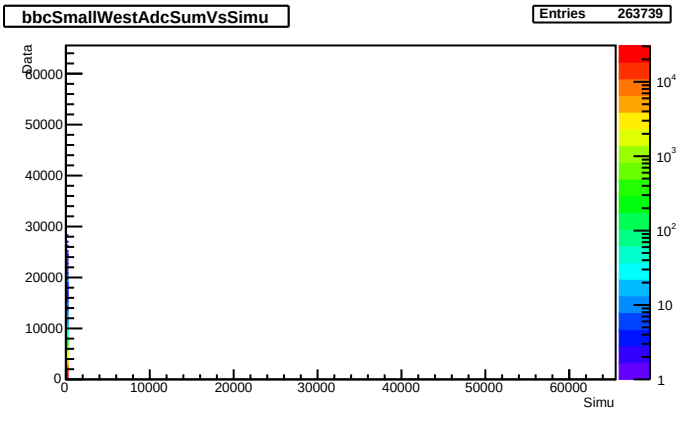
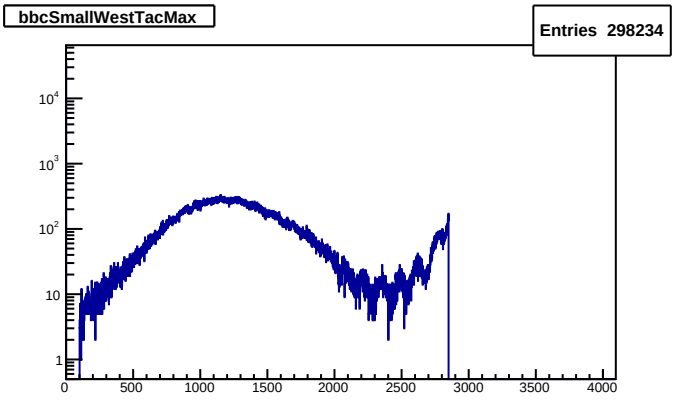
Entries 235026
Data
Simu


bbcSmallWestAdcSum
Entries 298234


bbcSmallWestAdcSumVsSimu
Entries 263739
Data
Simu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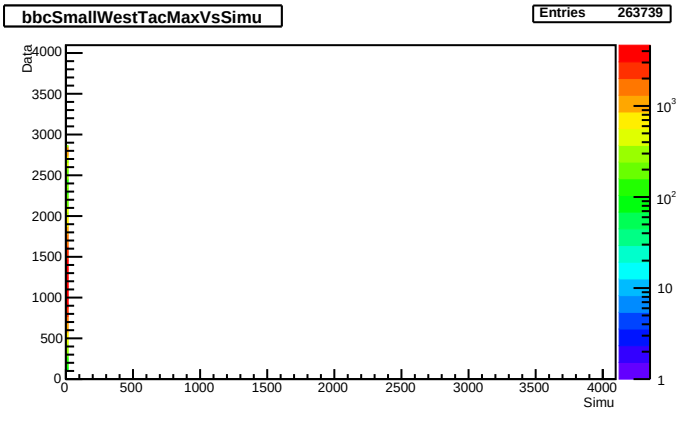
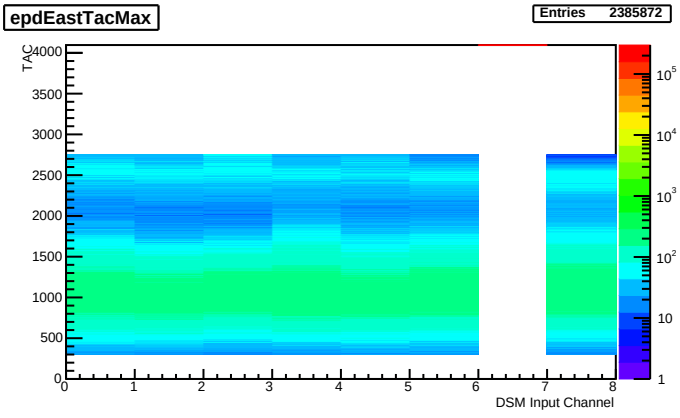
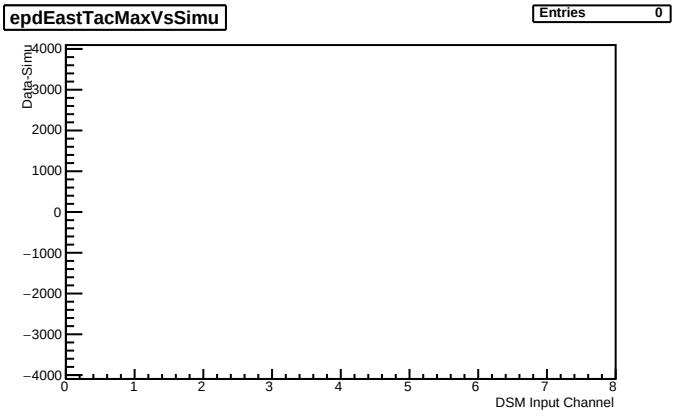
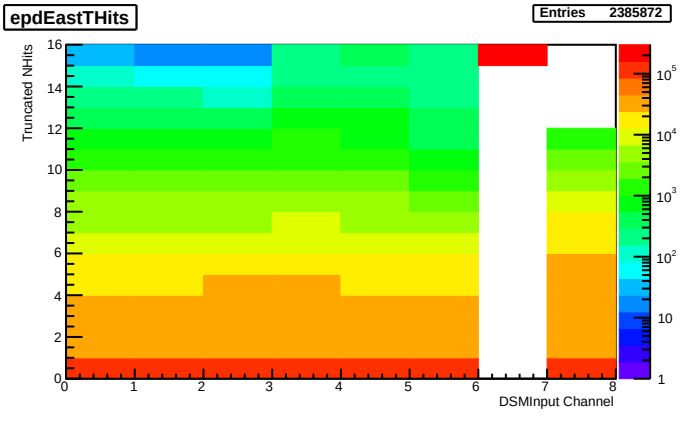
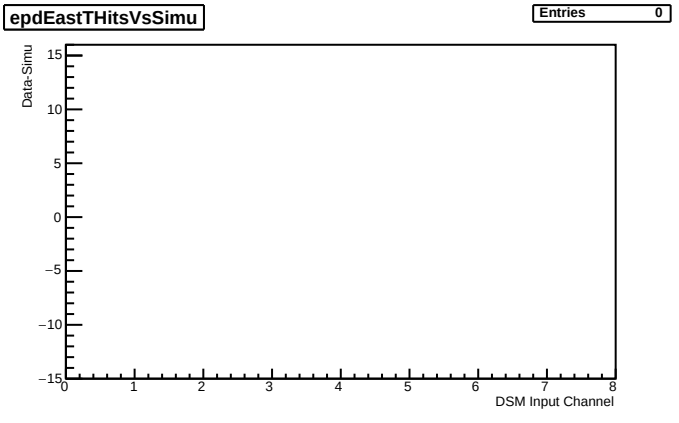
Entries 298234


bbcSmallWestTacMaxVsSimu
Entries 263739
Data
Simu


epdEastTacMax
Entries 2385872
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2385872
Truncated NHits
DSMInput Channel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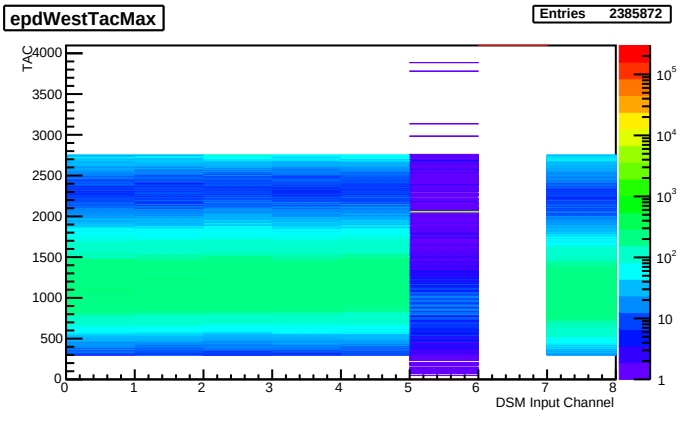
Entries 0
Data-Simu
DSM Input Channel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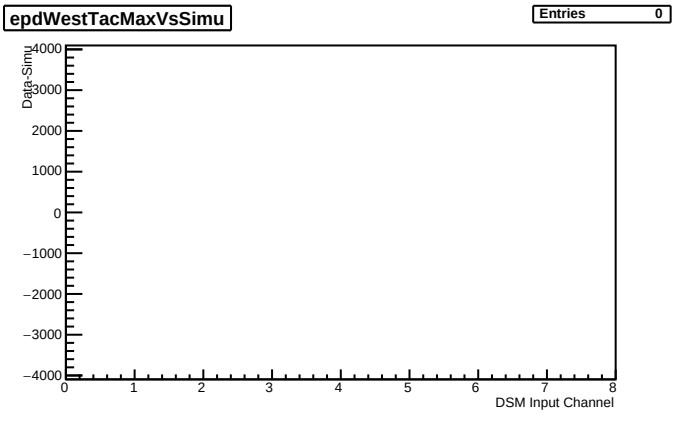
Entries 2385872
TAC
DSM Input Channel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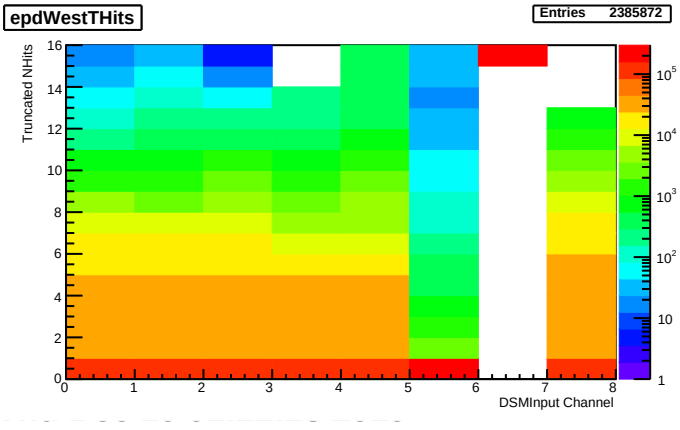
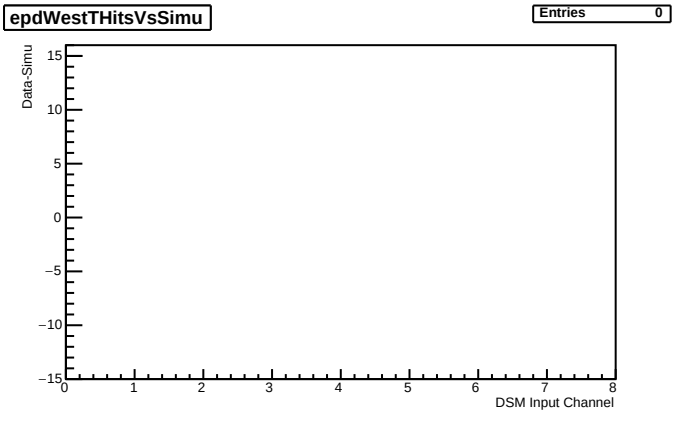
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2385872
Truncated NHits
DSMInput Channel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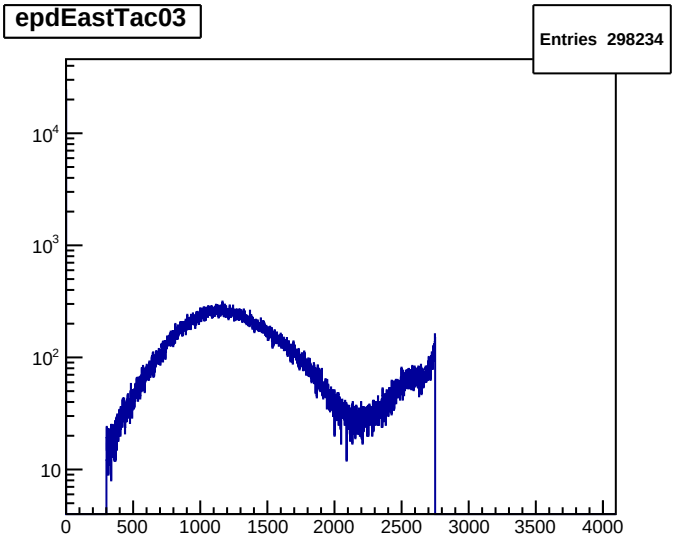
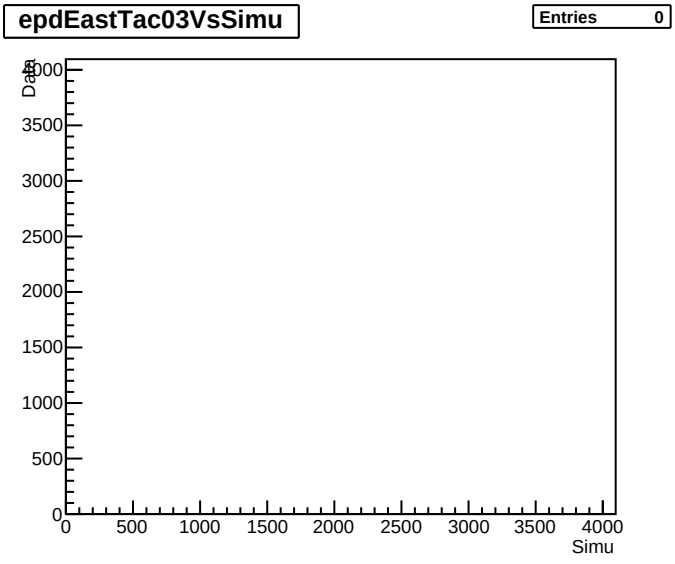
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 298234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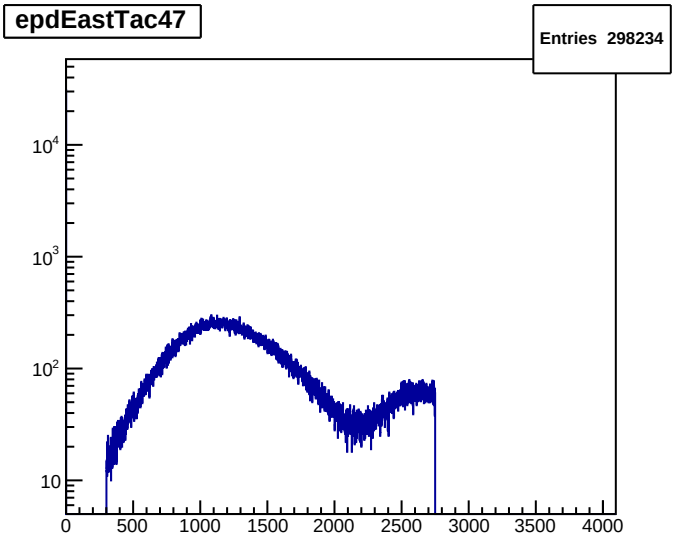
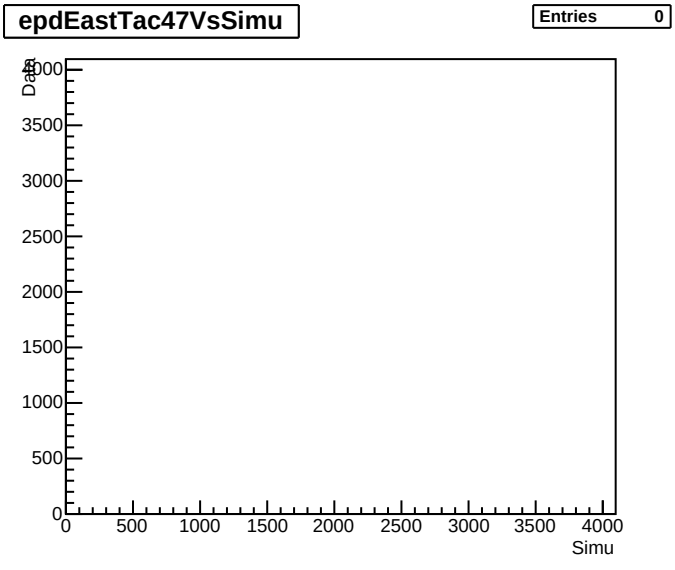
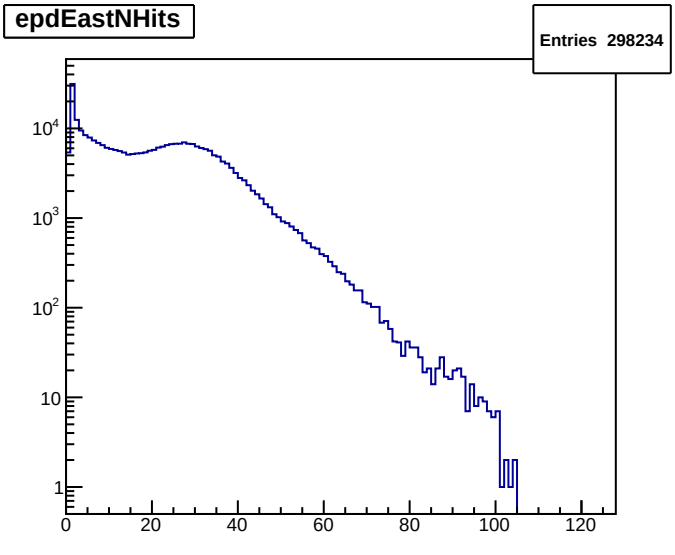
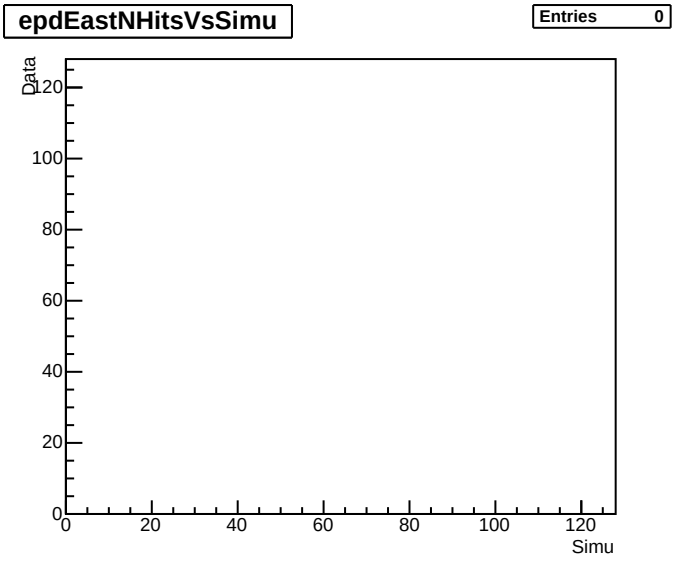
Entries 0
Data
Simu


epdEastTac47
Entries 298234


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 298234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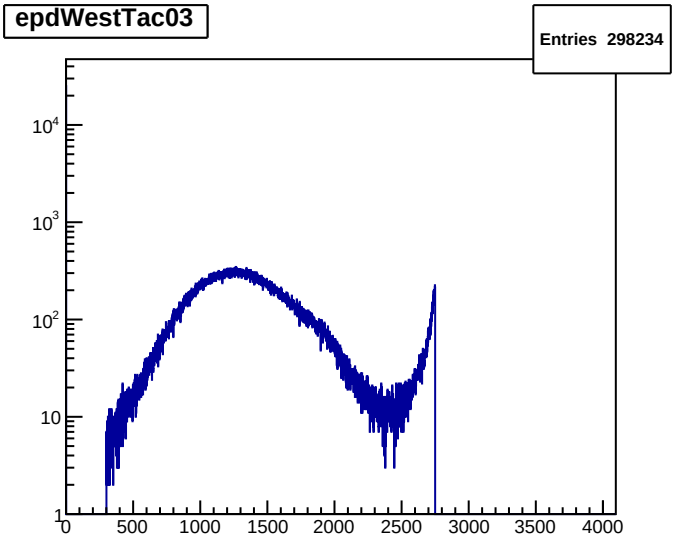
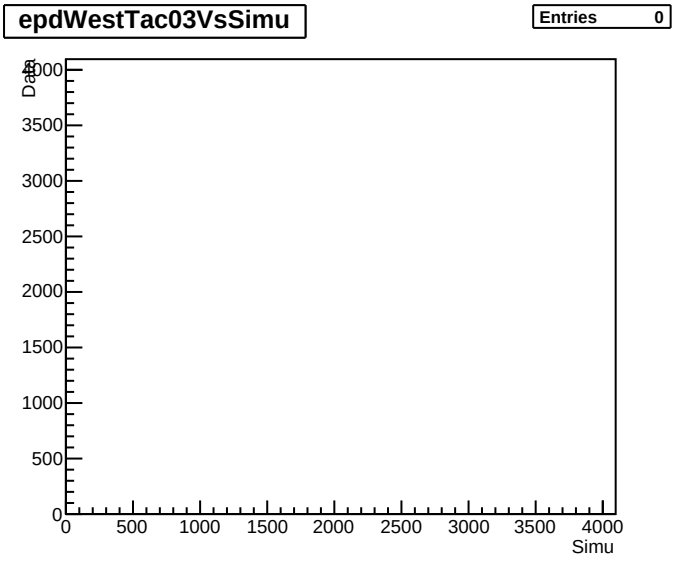
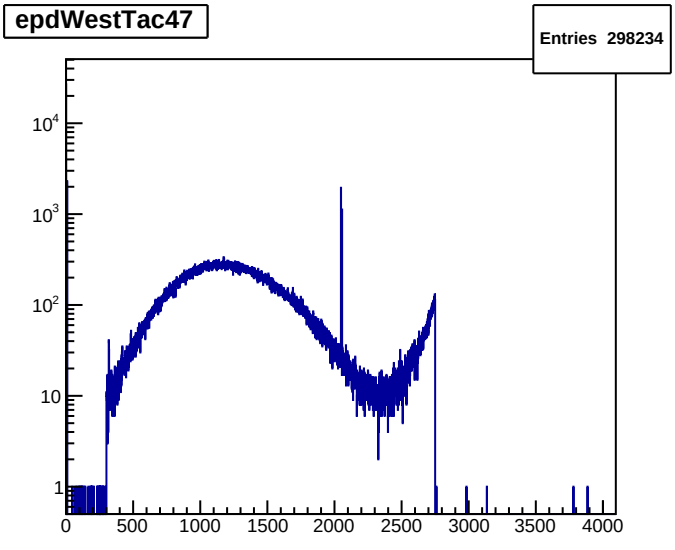
Entries 0
Data
Simu


epdWestTac03
Entries 298234


epdWestTac03VsSimu
Entries 0
Data
Simu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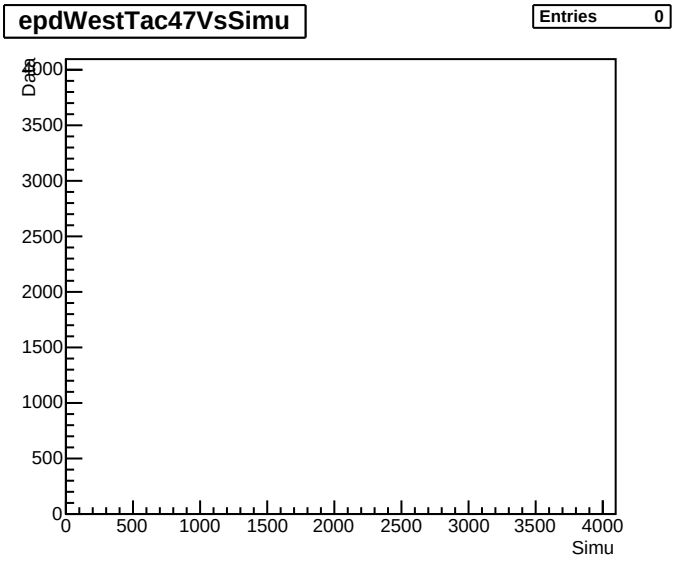
Entries 298234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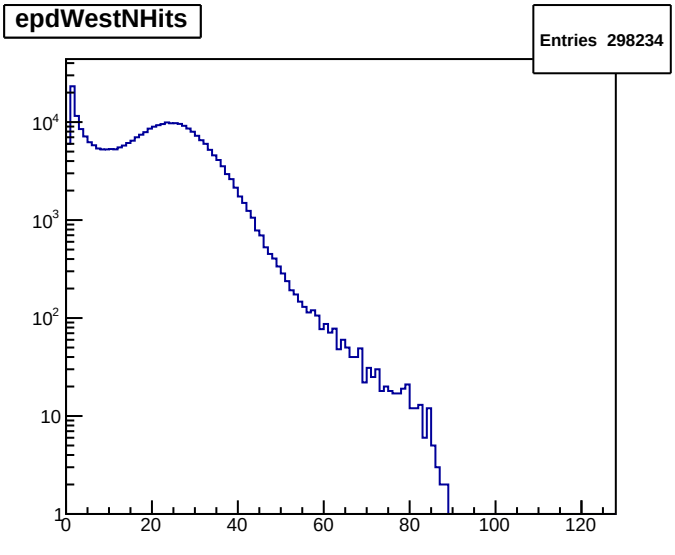
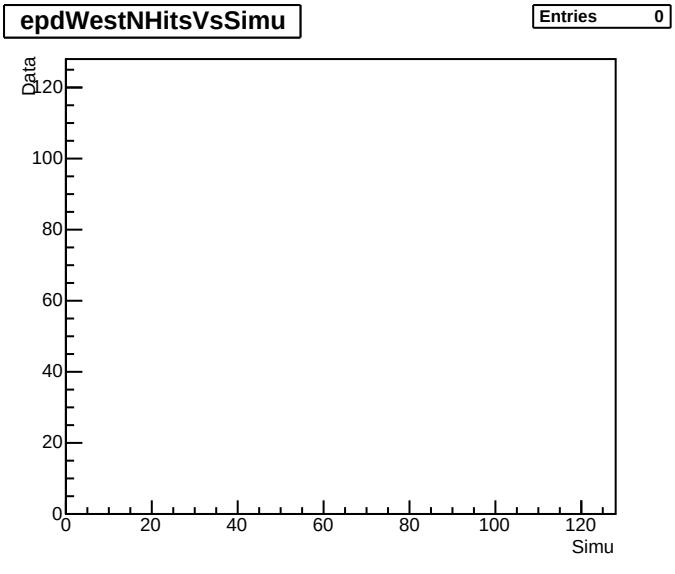
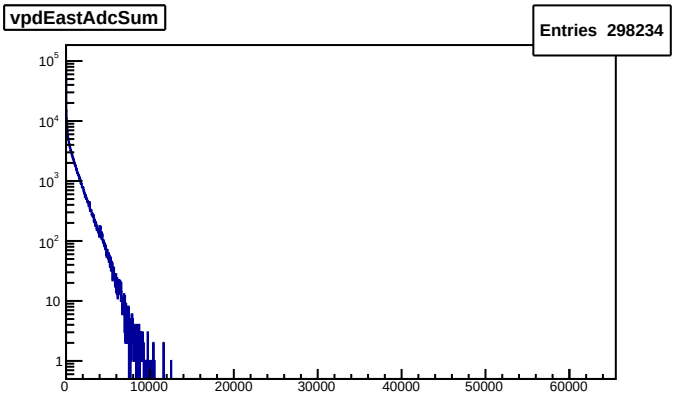
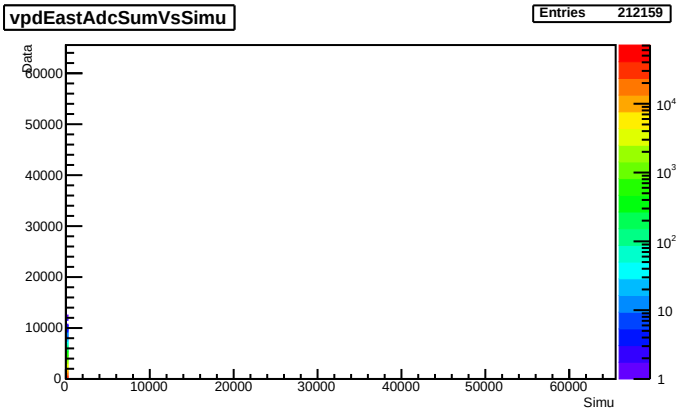
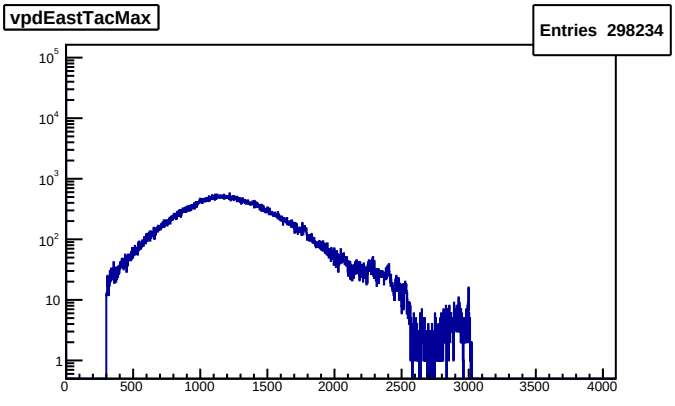
Entries 0
Data
Simu

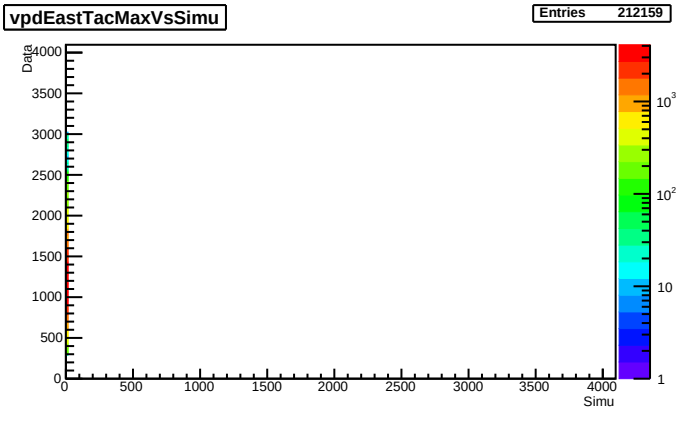

epdWestNHits
Entries 298234

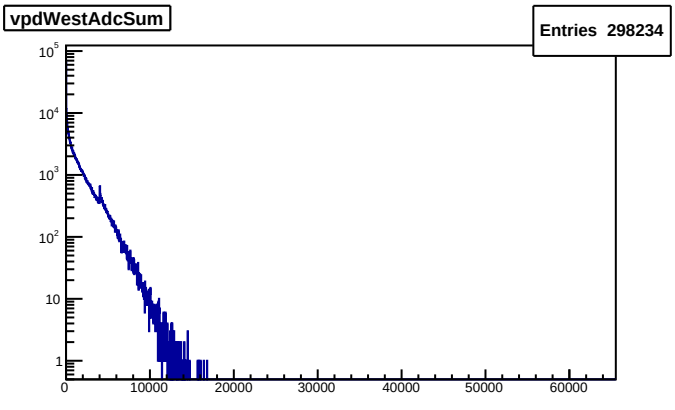

epdWestNHitsVsSimu
Entries 0
Data
Simu

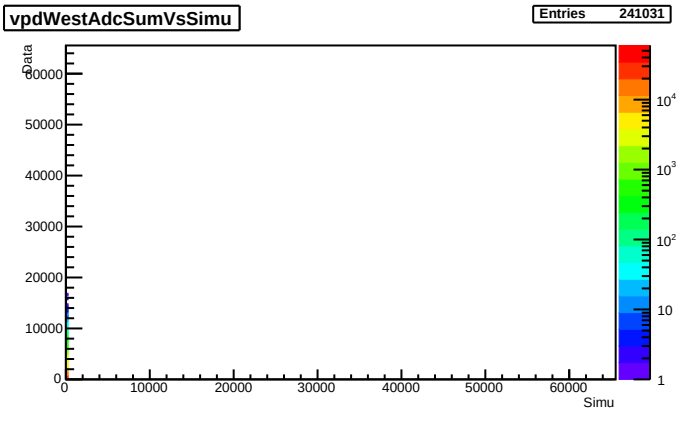

vpdEastAdcSum
Entries 298234

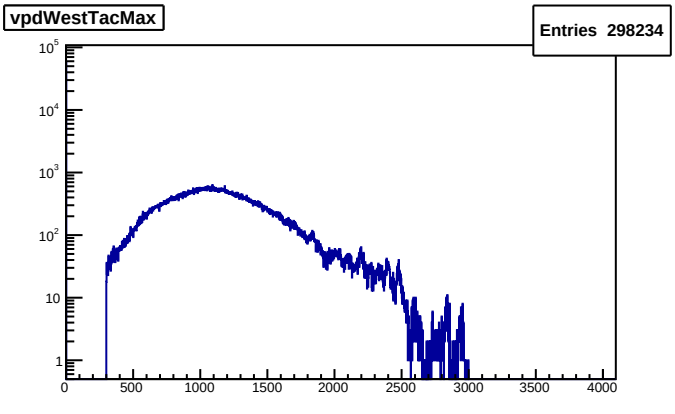

vpdEastAdcSumVsSimu
Entries 212159
Data
Simu

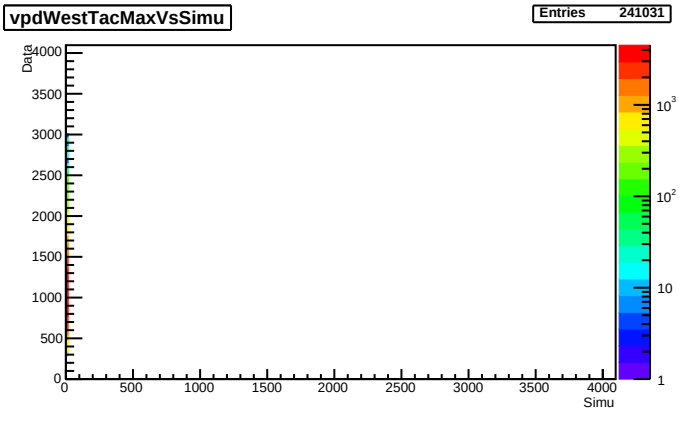

vpdEastTacMax
Entries 298234

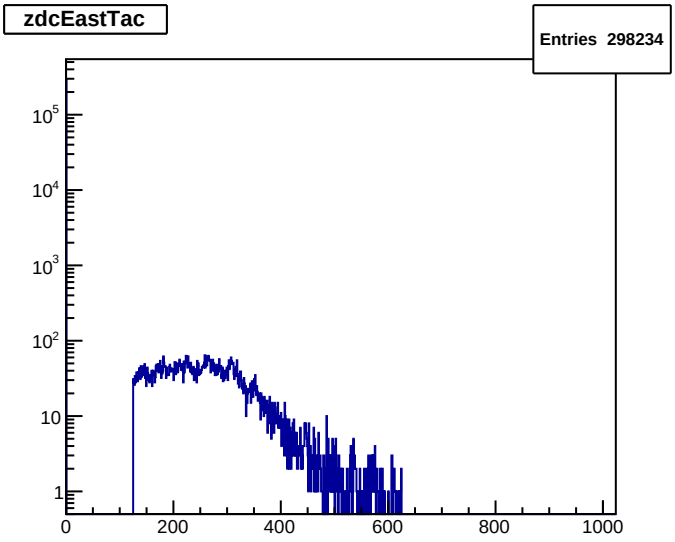

vpdEastTacMaxVsSimu
Entries 212159
Data
Simu

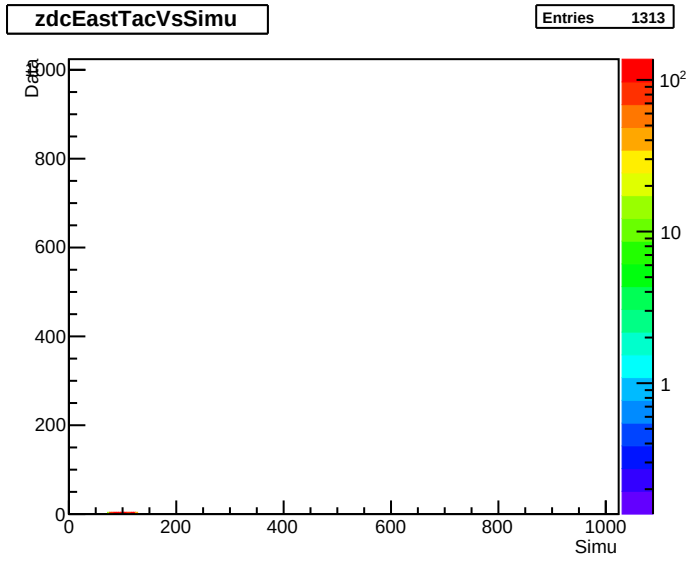

vpdWestAdcSum
Entries 298234

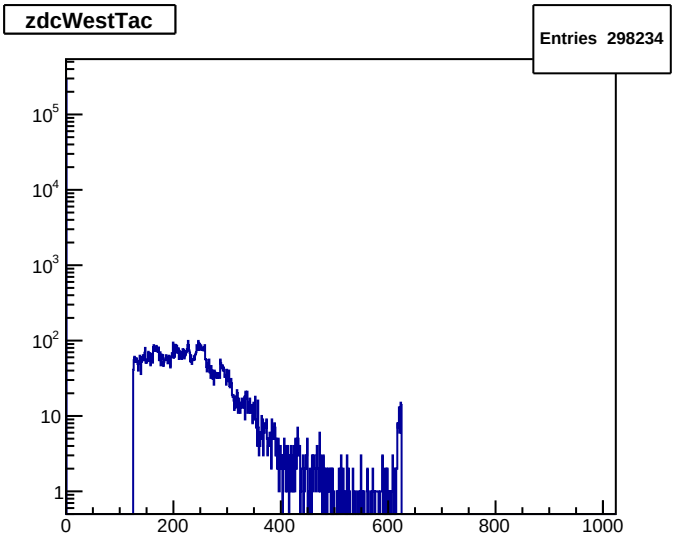

vpdWestAdcSumVsSimu
Entries 241031
Data
Simu

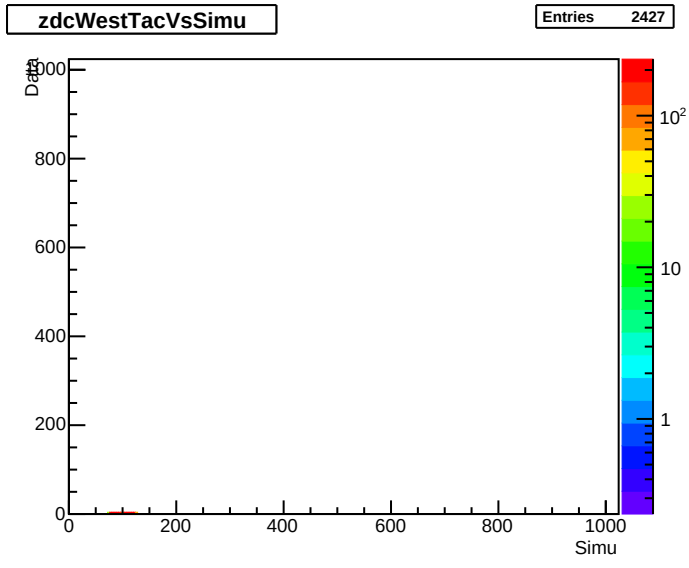

vpdWestTacMax
Entries 298234

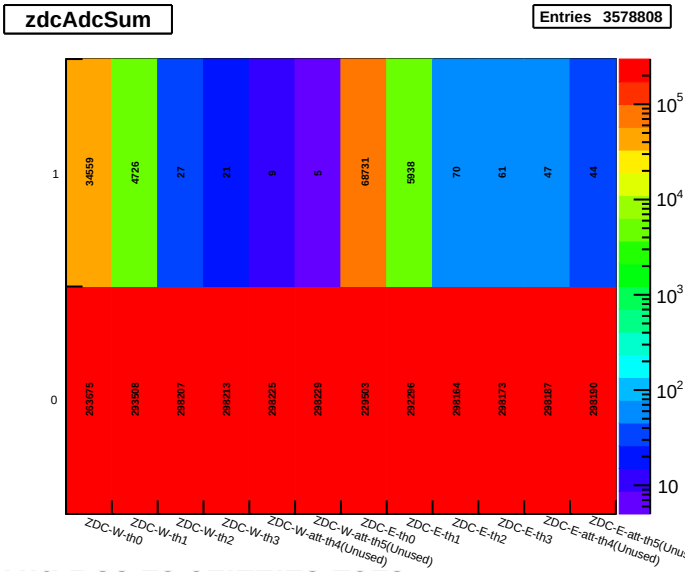

vpdWestTacMaxVsSimu
Entries 241031
Data
Simu

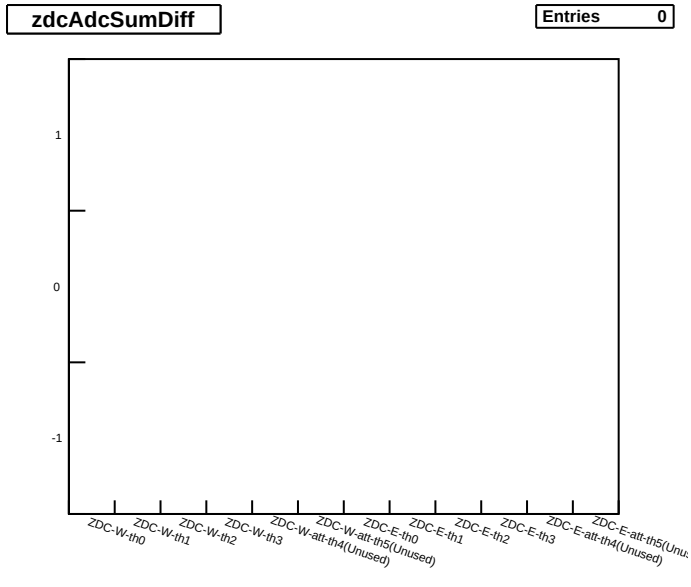

zdcEastTac
Entries 298234

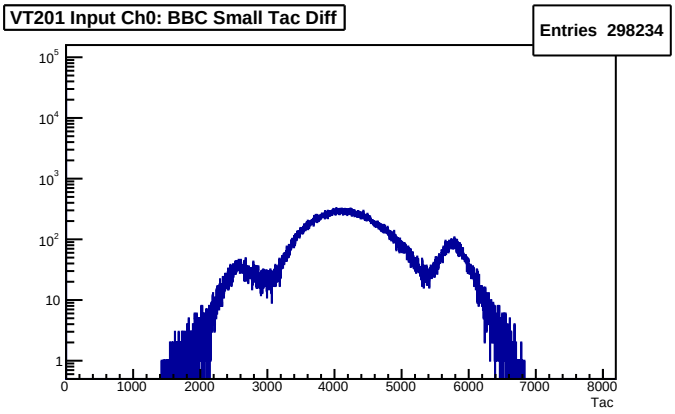

zdcEastTacVsSimu
Entries 1313
Data
Simu

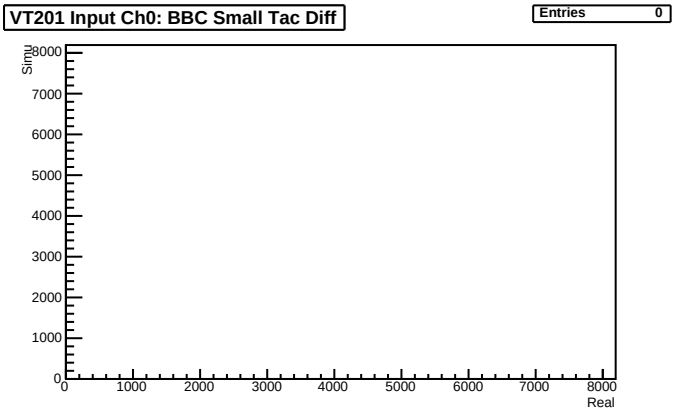

zdcWestTac
Entries 298234

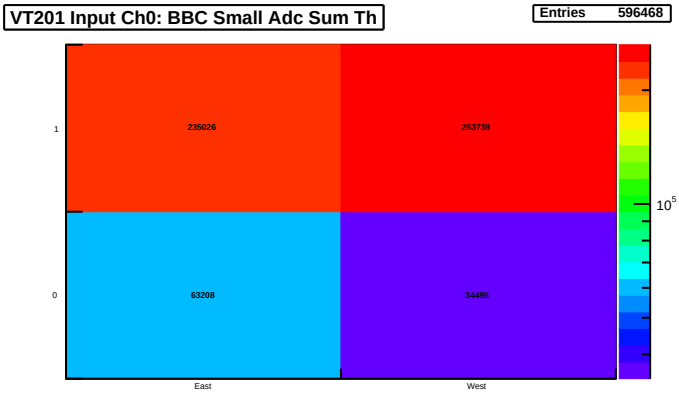

zdcWestTacVsSimu
Entries 2427
Data
Simu

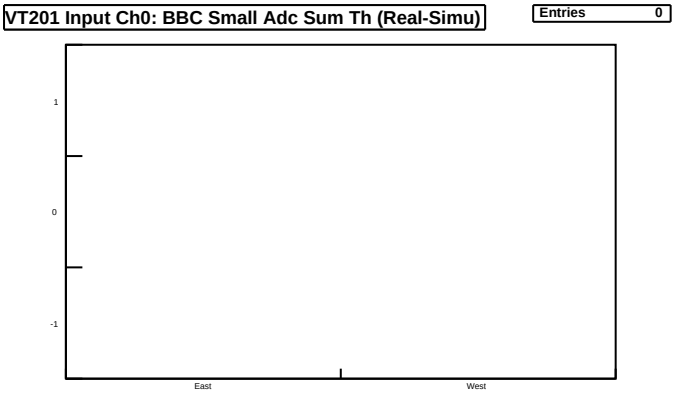

zdcAdcSum
Entries 3578808
34559
4726
27
21
9
5
68731
5938
70
61
47
44
263675
293508
298207
298213
298225
298229
229503
292296
298164
298173
298187
298190
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

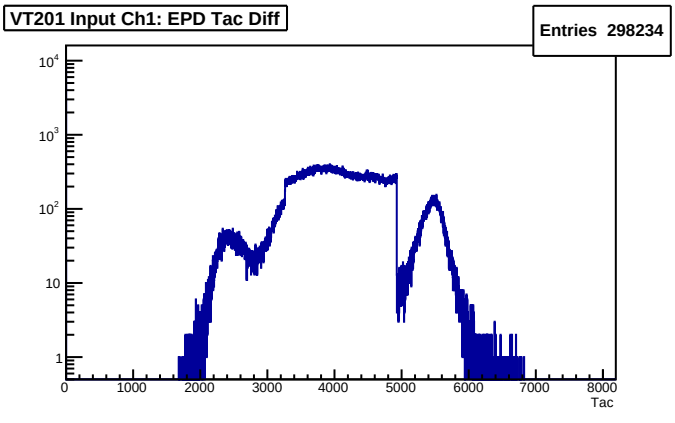

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

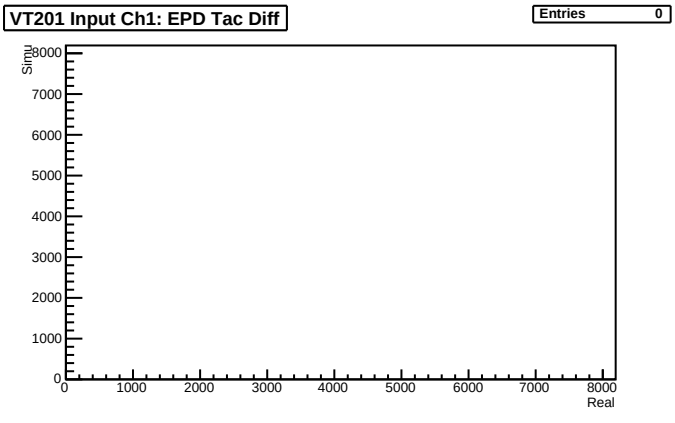

VT201 Input Ch0: BBC Small Tac Diff
Entries 298234
Tac

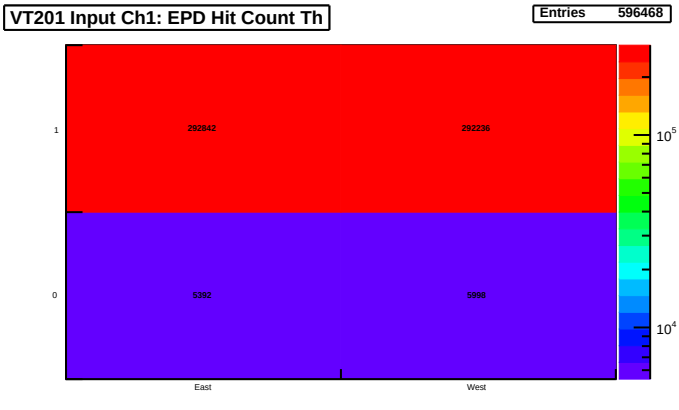

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

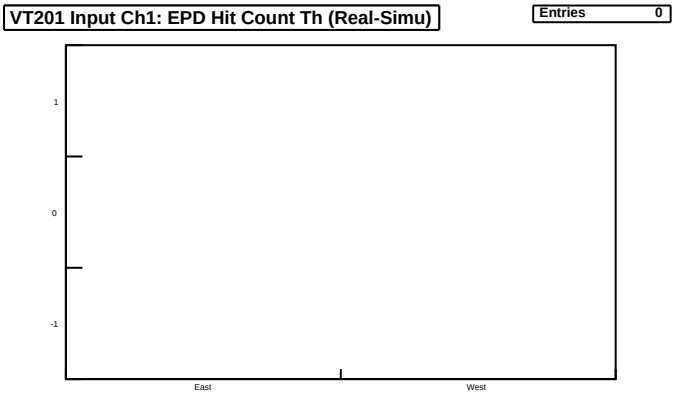

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 596468
235026
263739
63208
34495
East
West

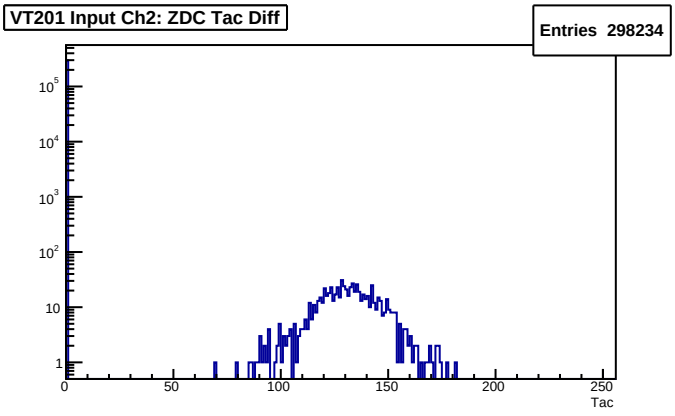

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

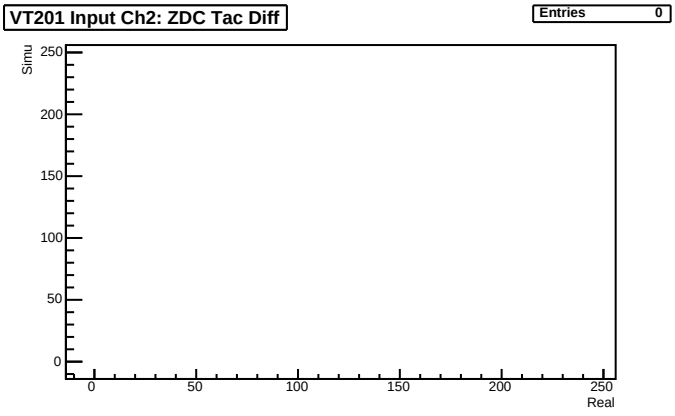

VT201 Input Ch1: EPD Tac Diff
Entries 298234
Tac

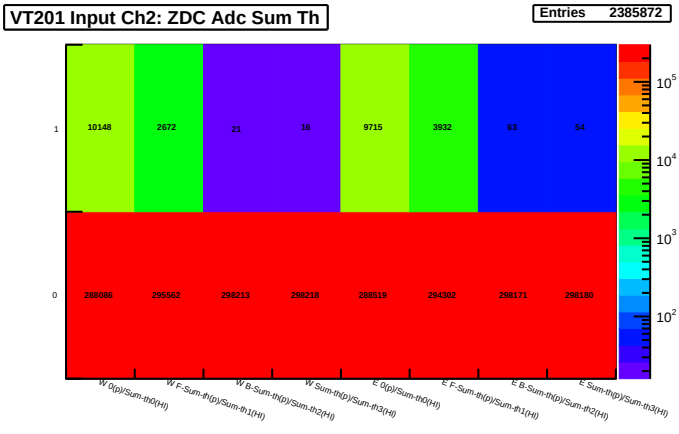

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

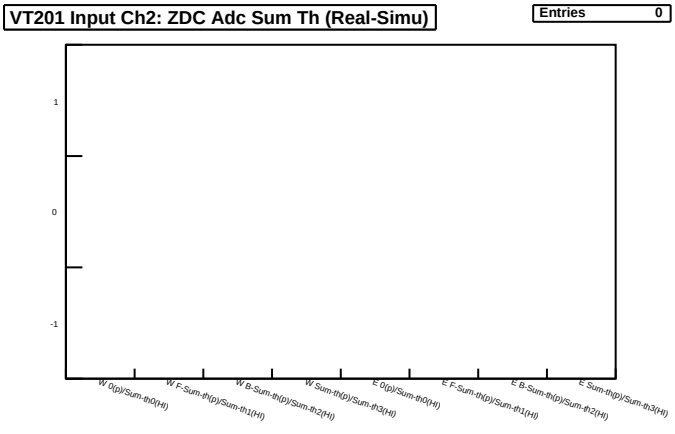

VT201 Input Ch1: EPD Hit Count Th
Entries 596468
292842
292236
5392
5998
East
West

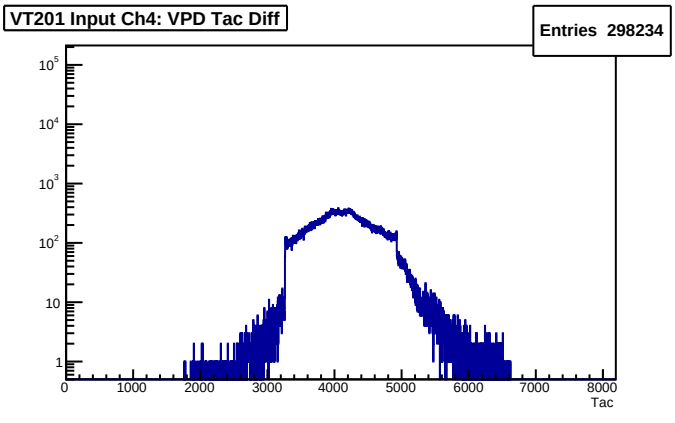

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

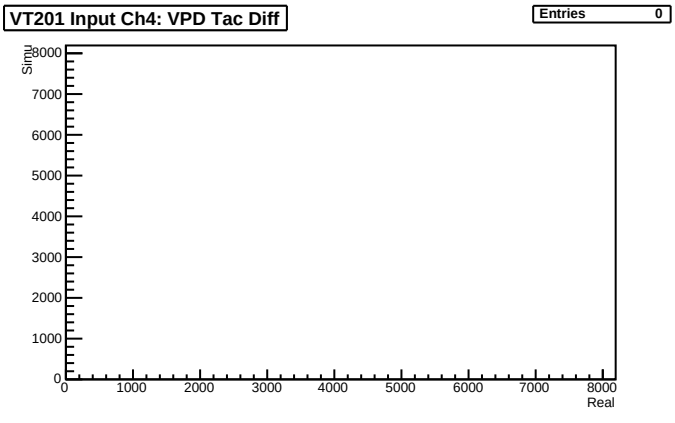

VT201 Input Ch2: ZDC Tac Diff
Entries 298234
Tac

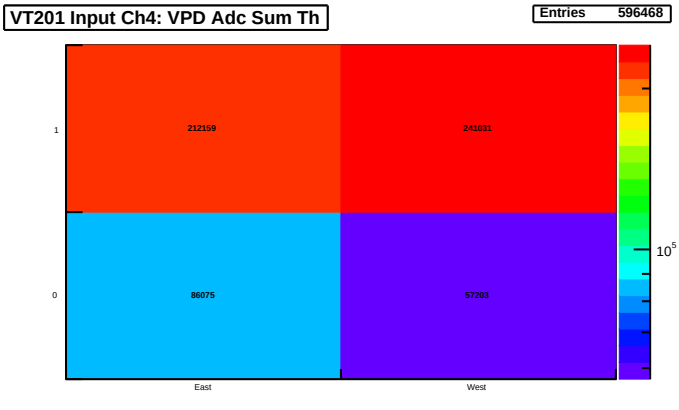

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

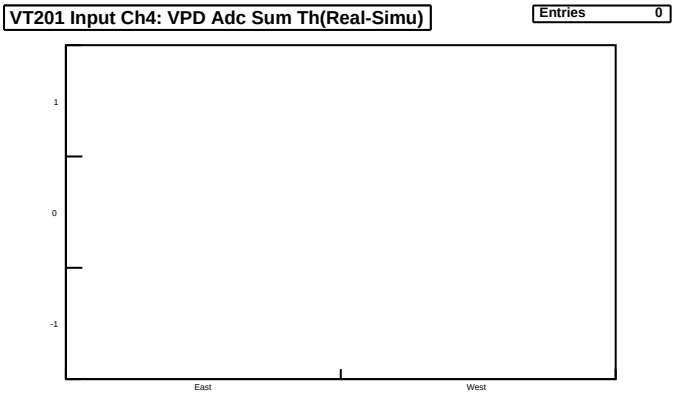

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2385872
10148
2672
21
16
9715
3932
63
54
288086
295562
298213
298218
288519
294302
298171
298180
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

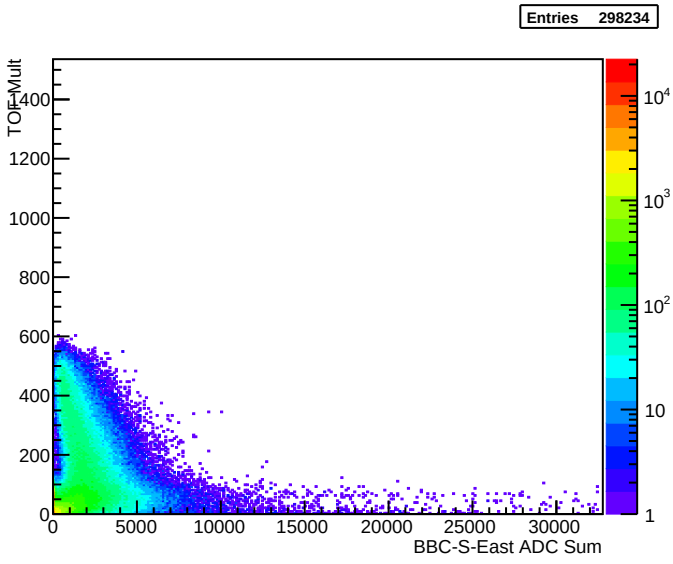

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

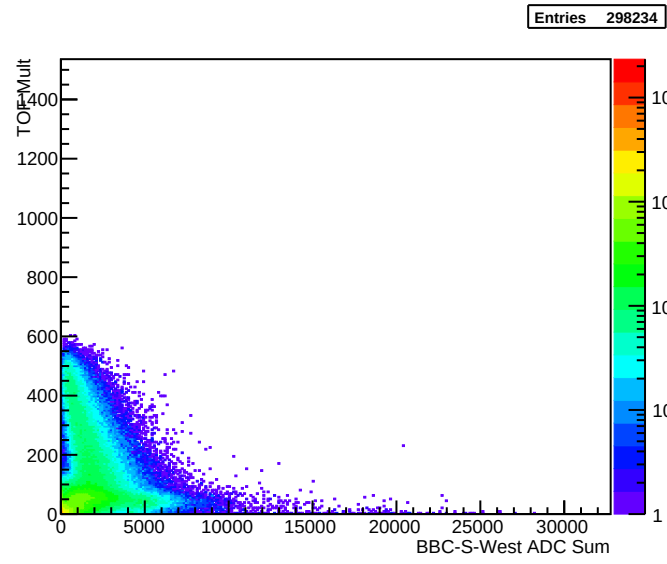

VT201 Input Ch4: VPD Tac Diff
Entries 298234
Tac

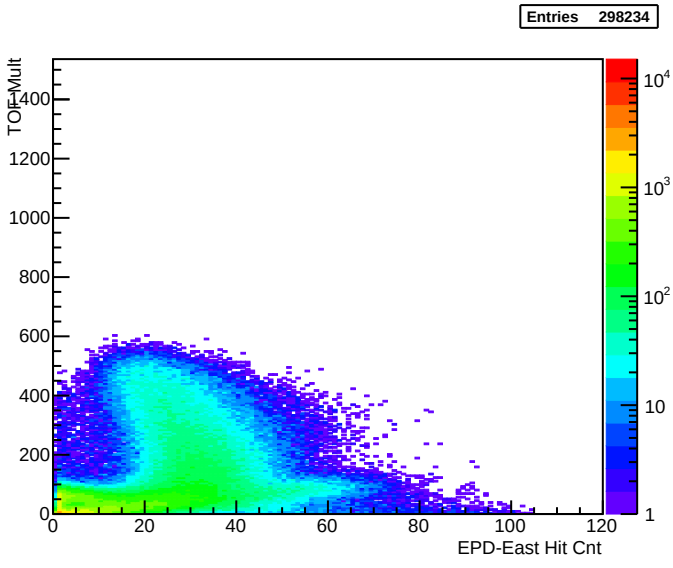

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

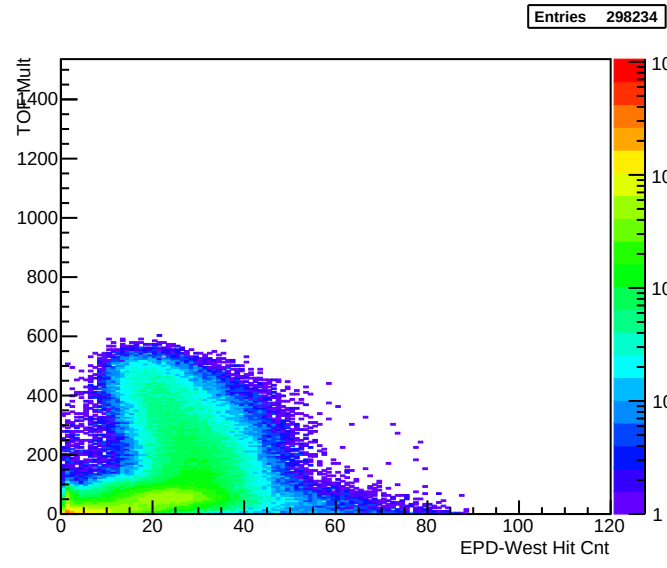

VT201 Input Ch4: VPD Adc Sum Th
Entries 596468
212159
241031
86075
57203
East
West

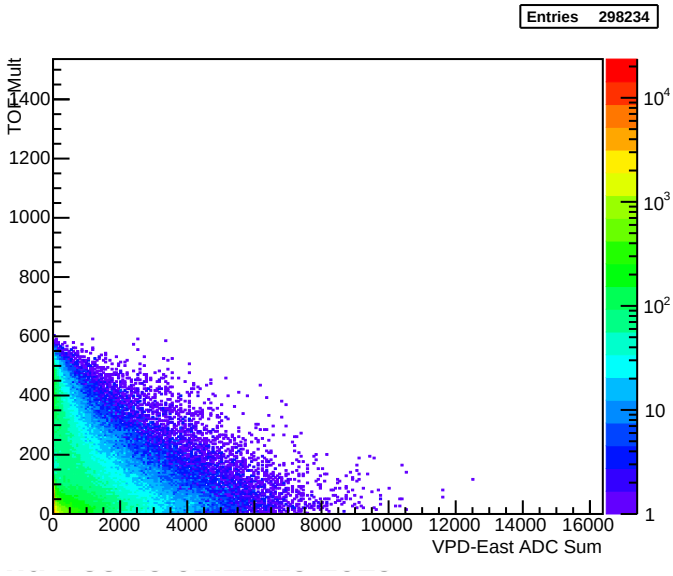

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

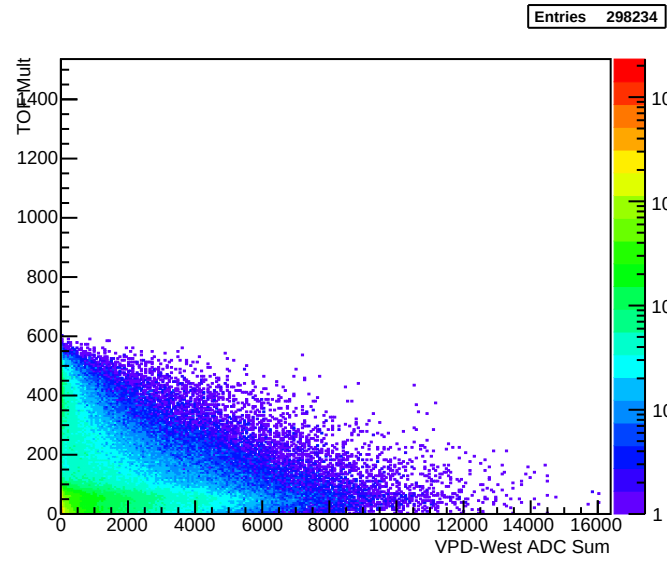

Entries 298234
TOF-Mult
BBC-S-East ADC Sum

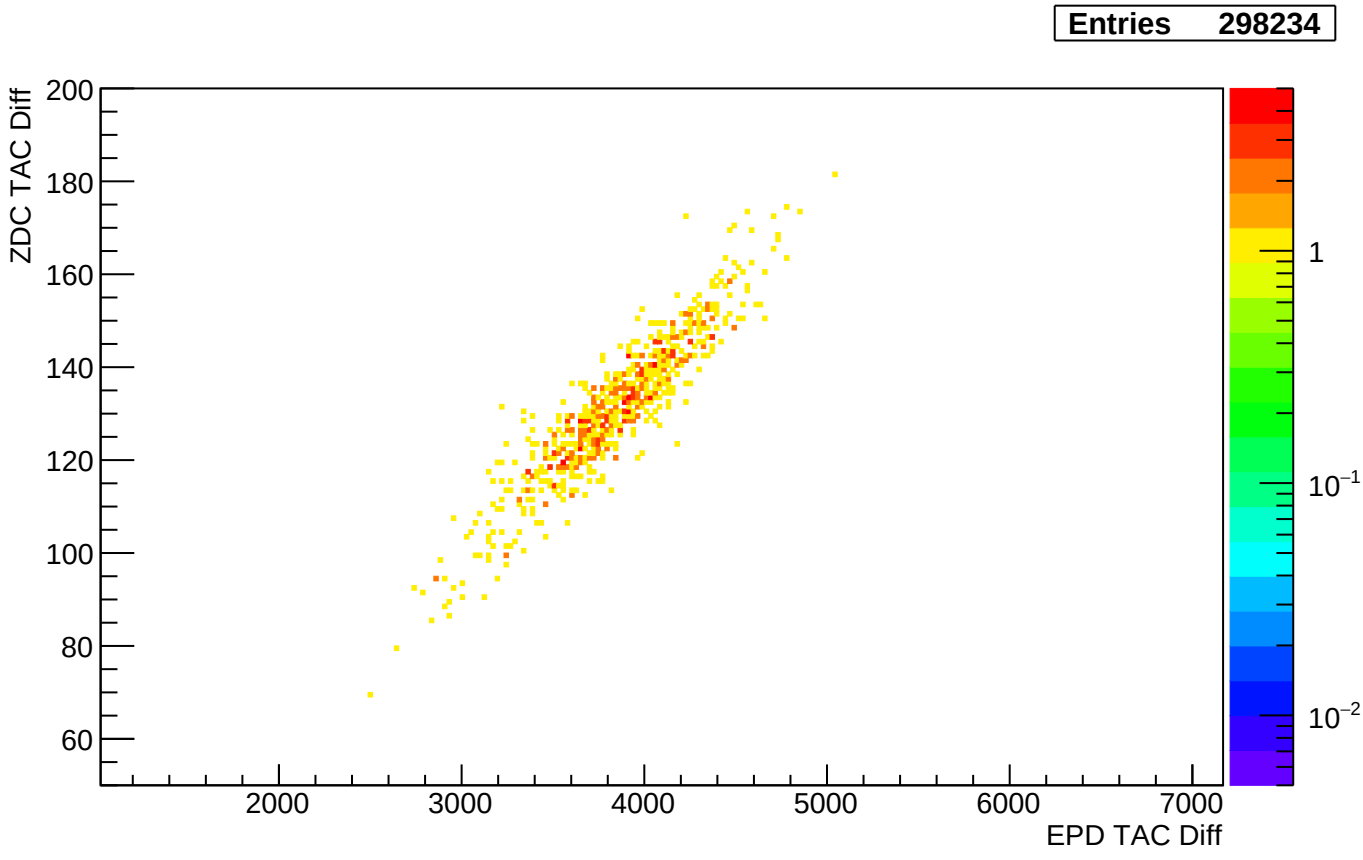

Entries 298234
TOF-Mult
BBC-S-West ADC Sum

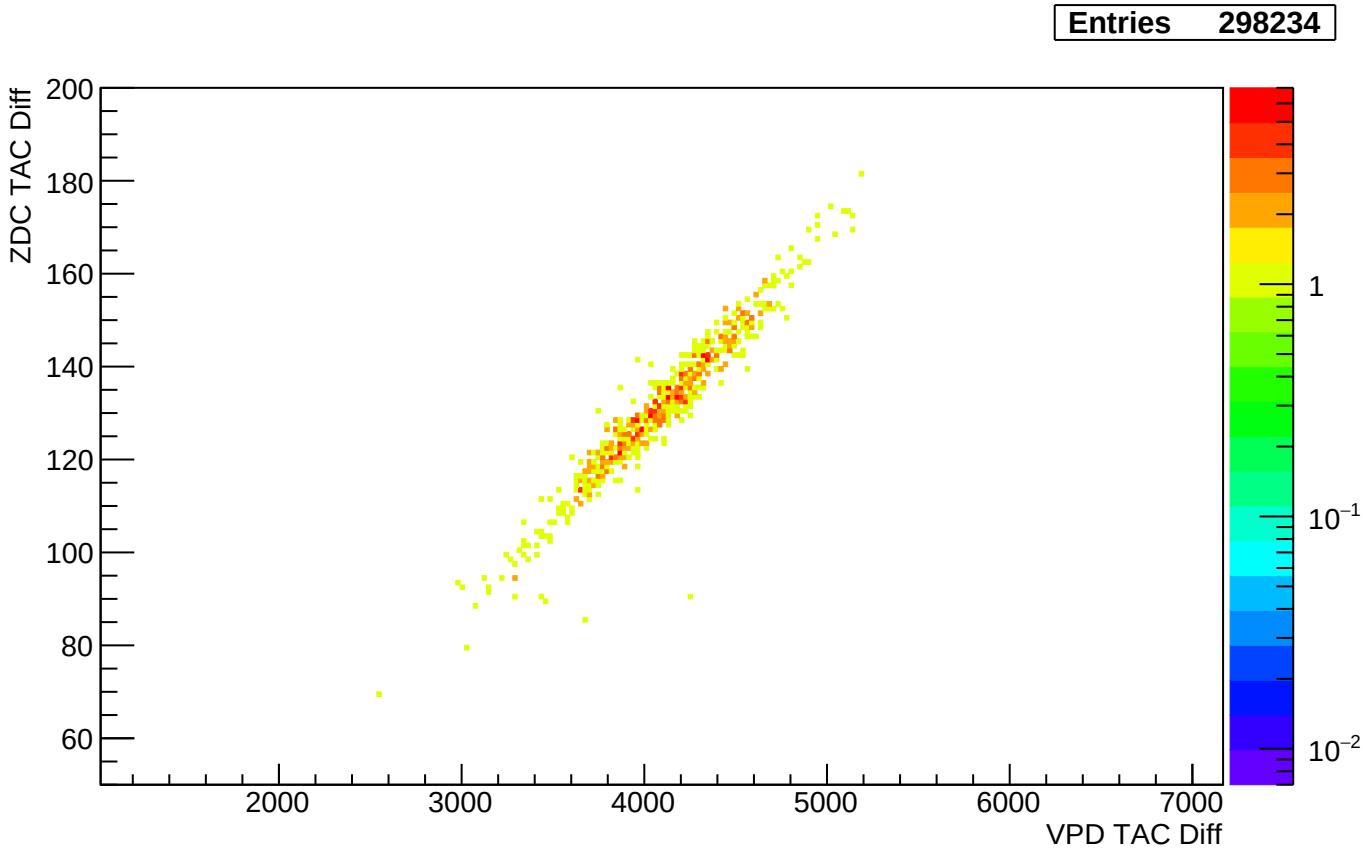

Entries 298234
TOF-Mult
EPD-East Hit Cnt

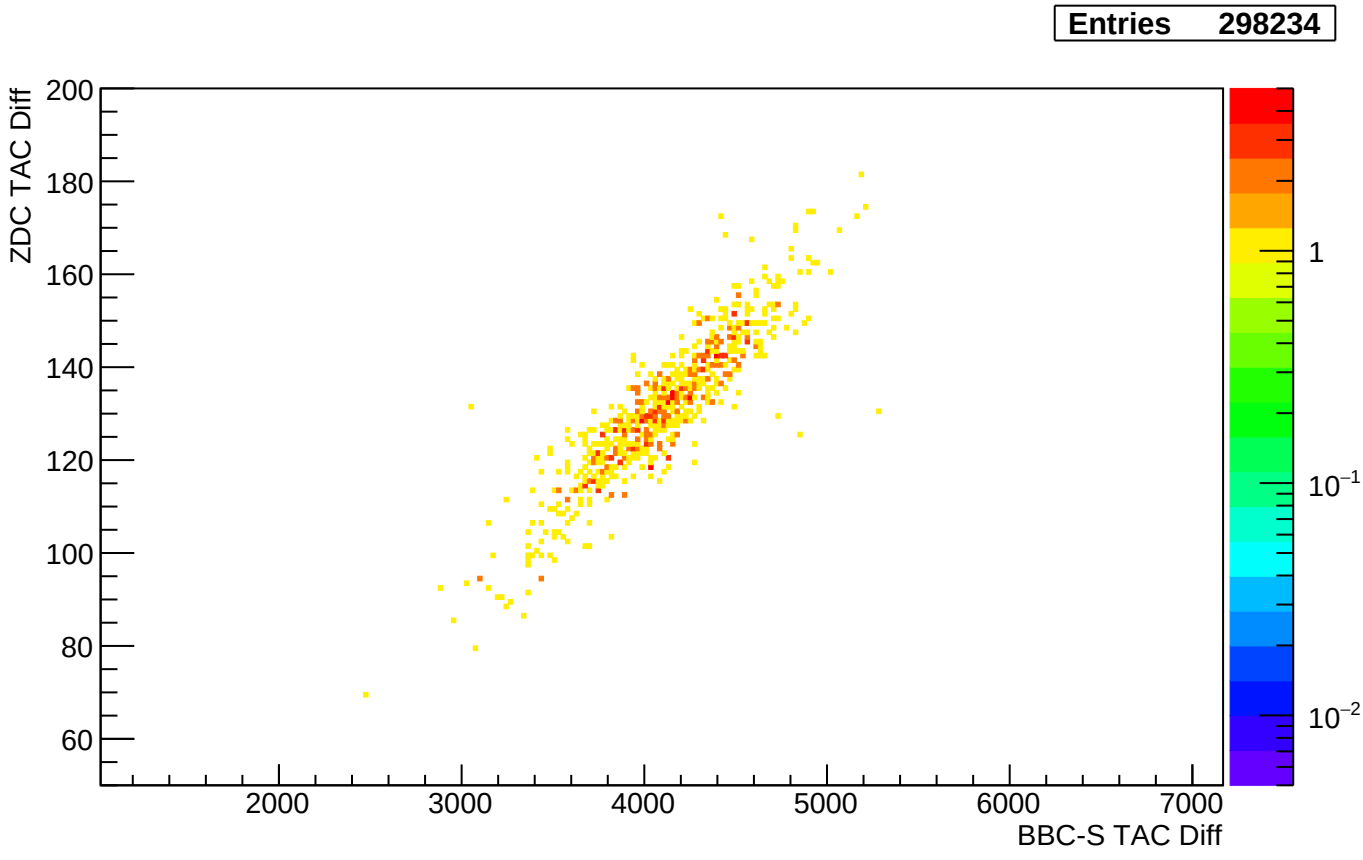

Entries 298234
TOF-Mult
EPD-West Hit Cnt

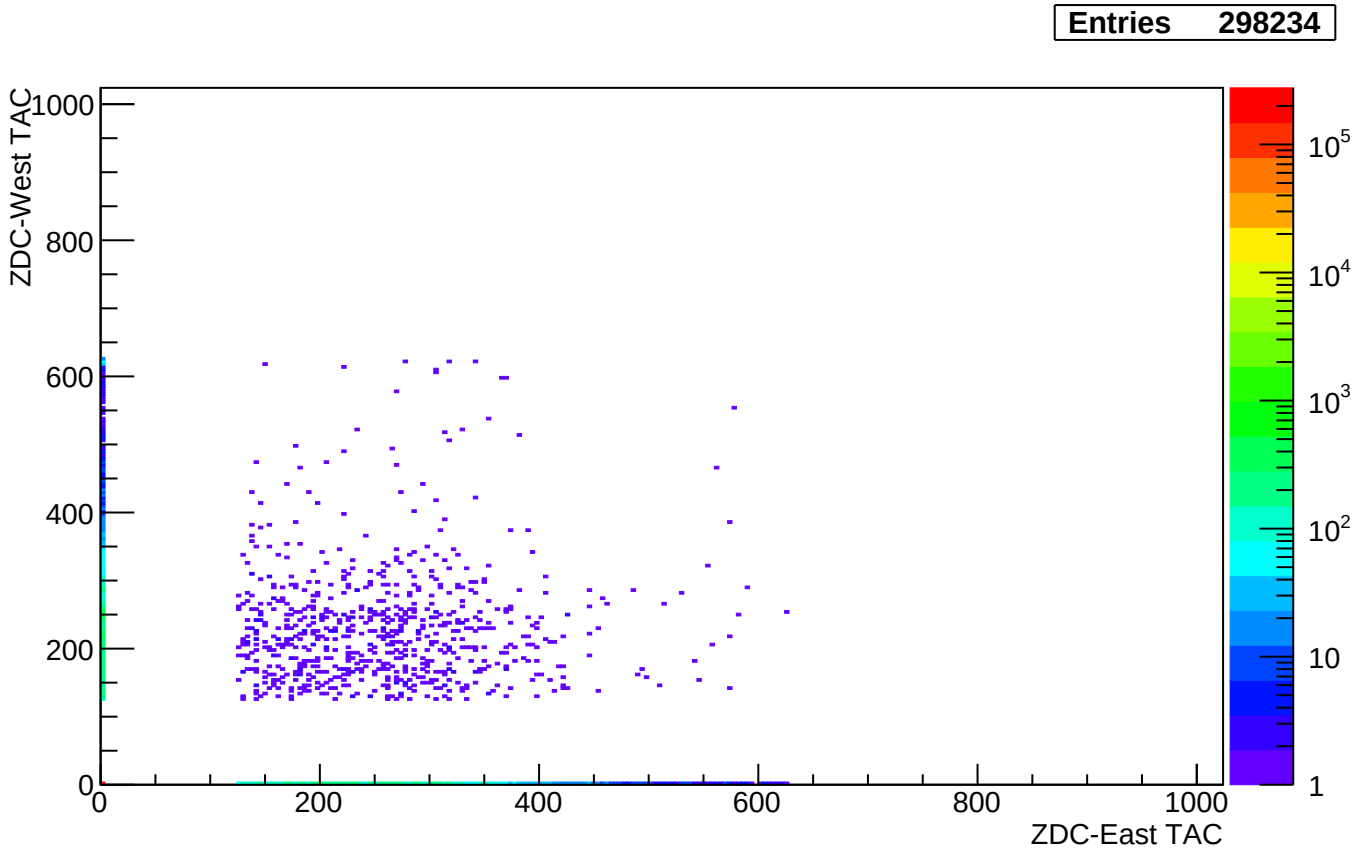

Entries 298234
TOF-Mult
VPD-East ADC Sum

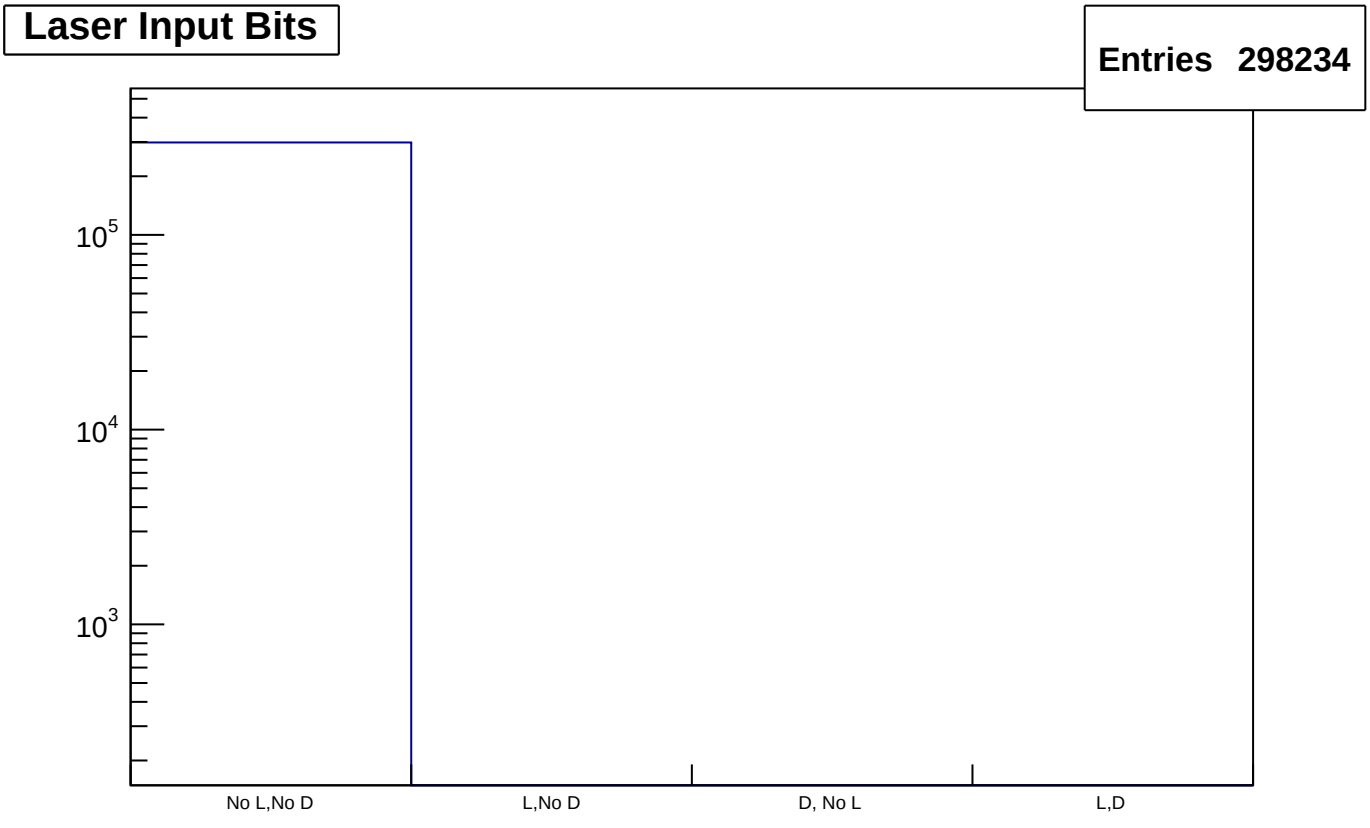

Entries 298234
TOF-Mult
VPD-West ADC Sum

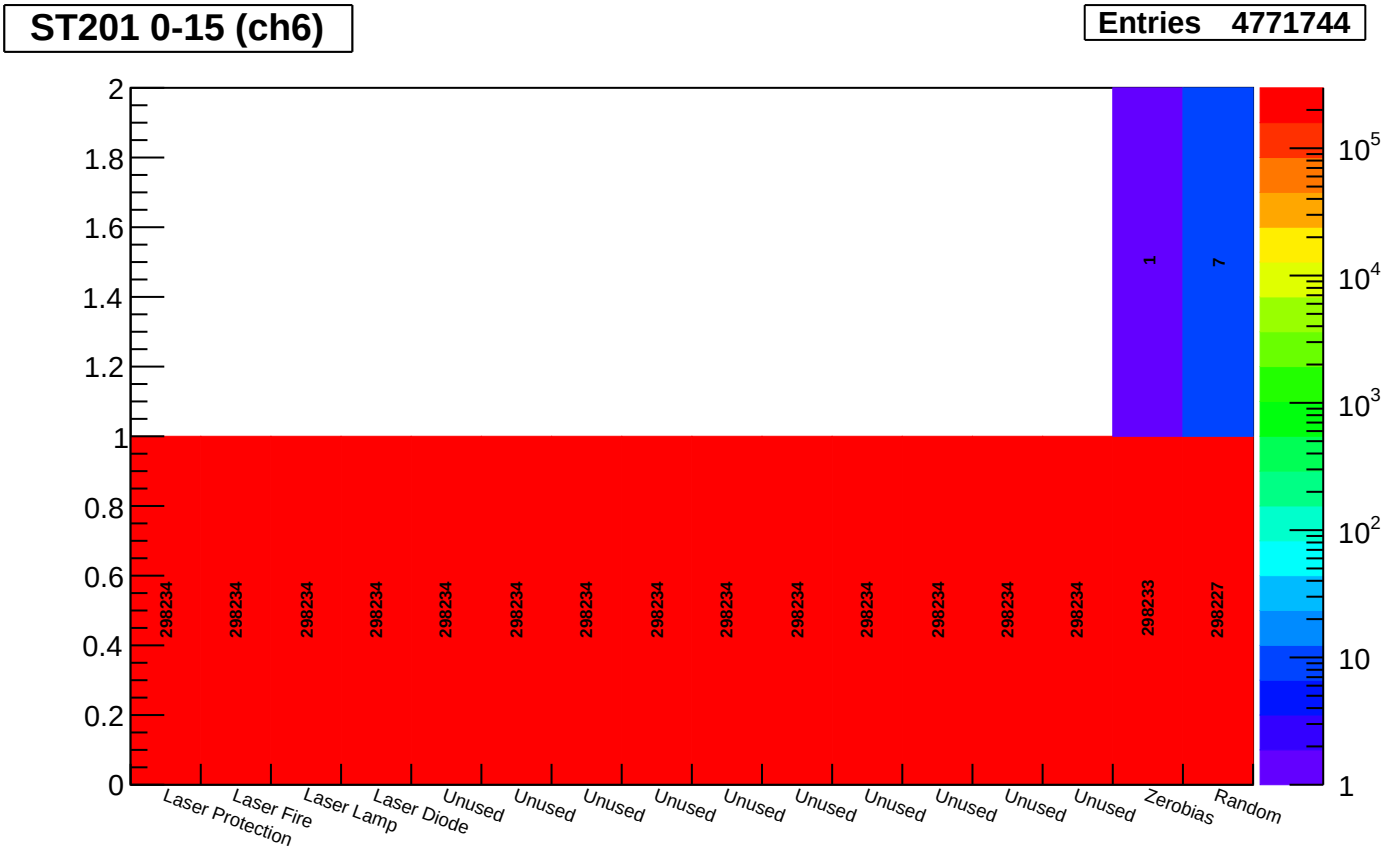

Entries 298234
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

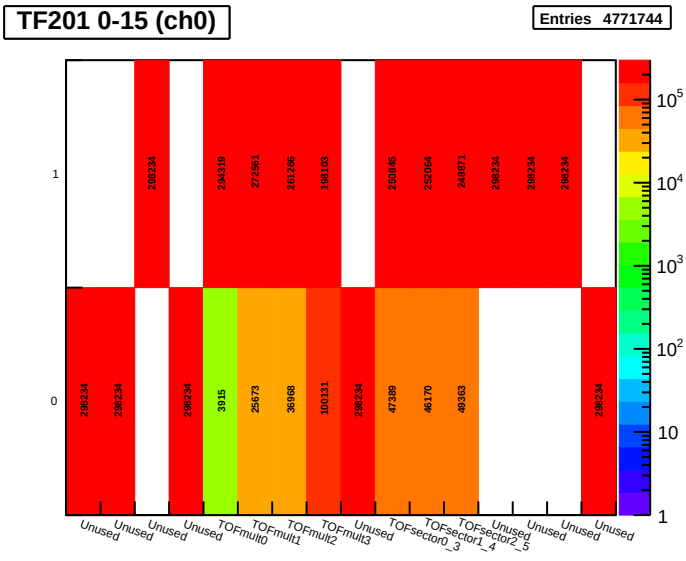

Entries 298234
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

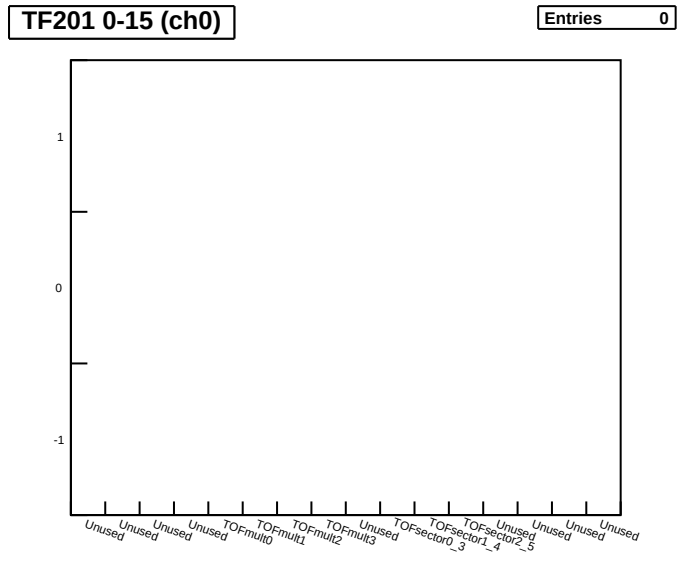

Entries 298234
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

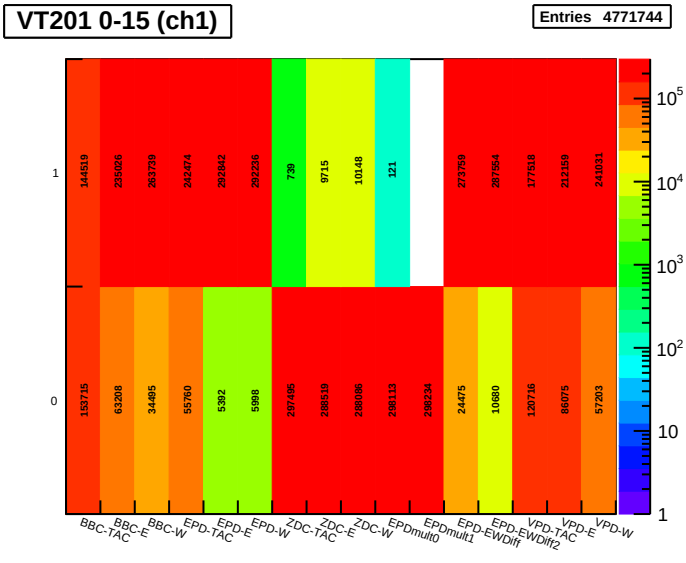

Entries 298234
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

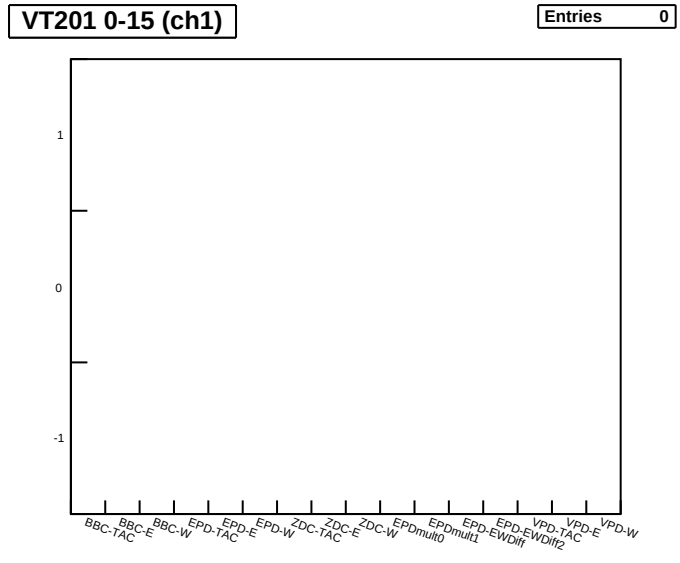

Laser Input Bits
Entries 298234
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

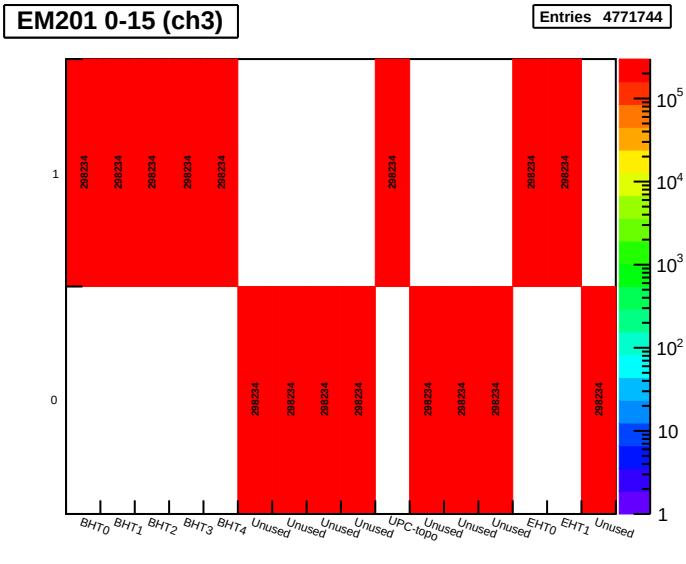

ST201 0-15 (ch6)
Entries 4771744
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298233
298227
1
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

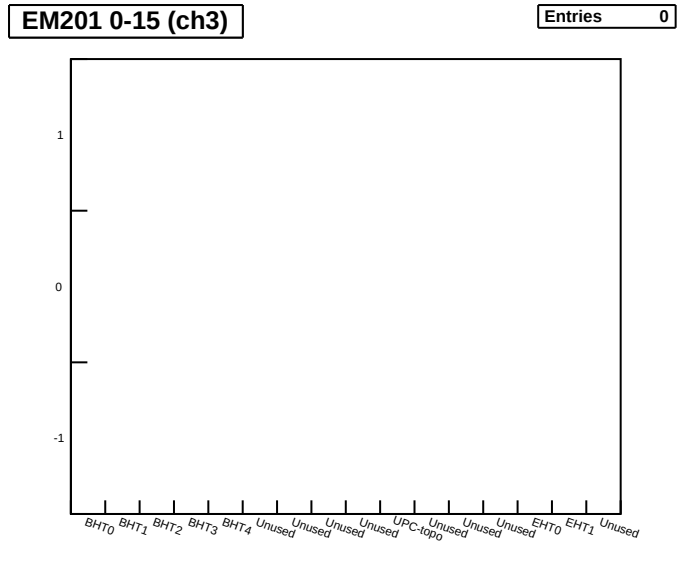

TF201 0-15 (ch0)
Entries 4771744
1
0
298234
298234
298234
298234
294319
272561
261266
198103
250845
252064
248871
298234
298234
298234
298234
298234
3915
25673
36968
100131
298234
47389
46170
49363
298234
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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 4771744
1
0
144519
235026
263739
242474
292842
292236
739
9715
10148
121
273759
287554
177518
212159
241031
153715
63208
34495
55760
5392
5998
297495
288519
288086
298113
298234
24475
10680
120716
86075
57203
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 4771744
1
0
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
298234
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