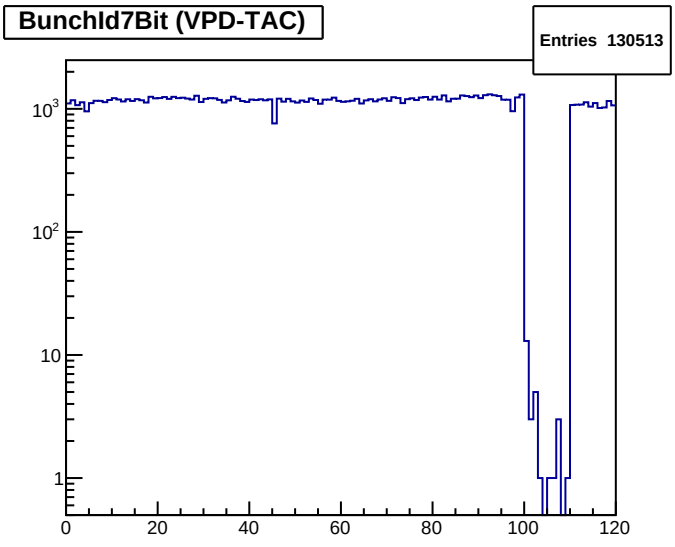
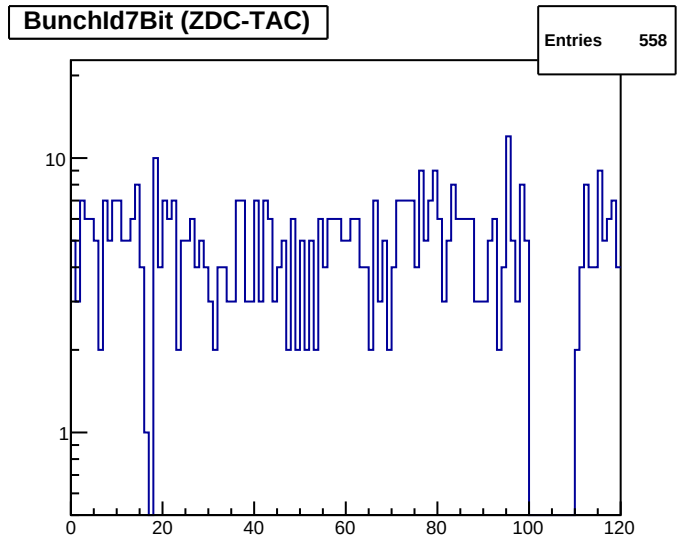
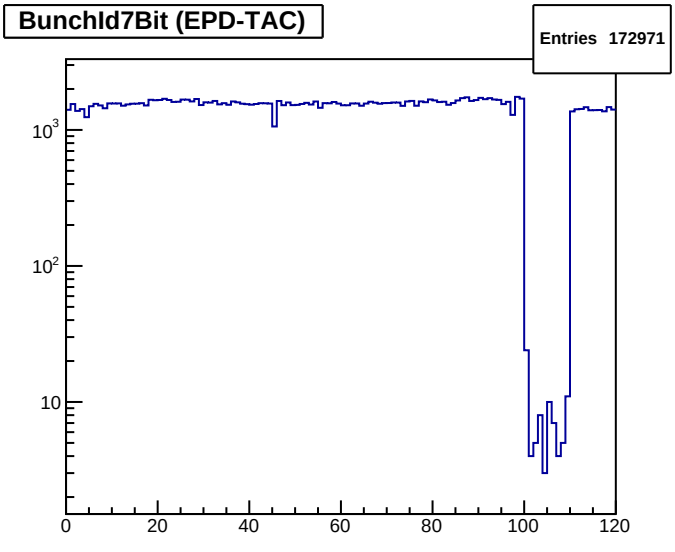
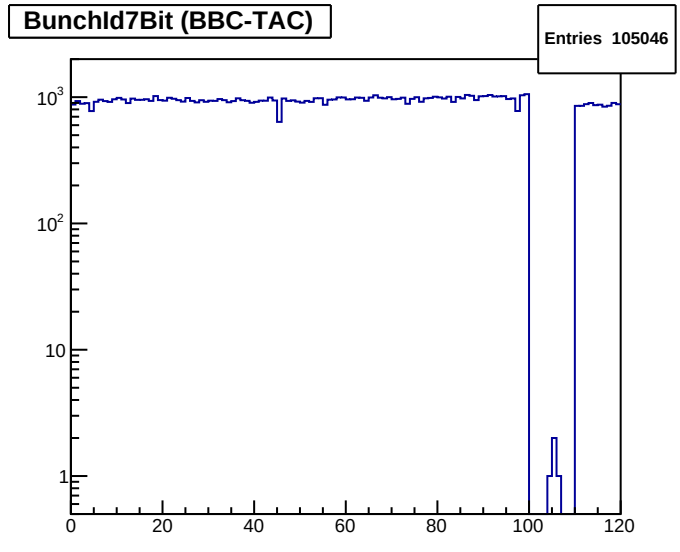
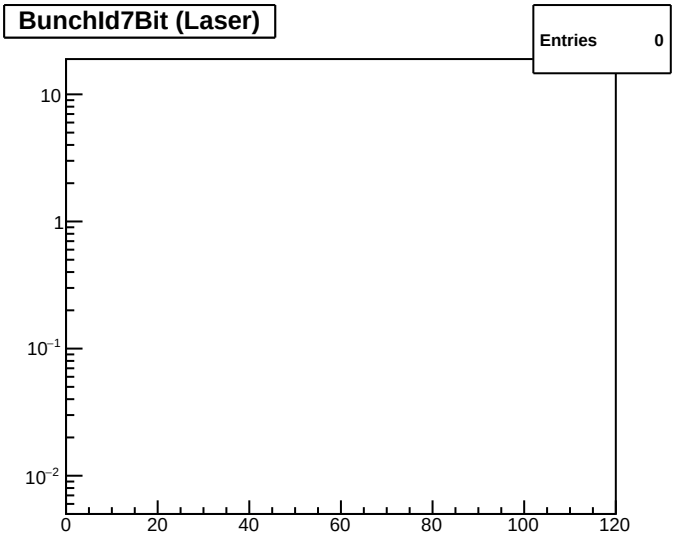
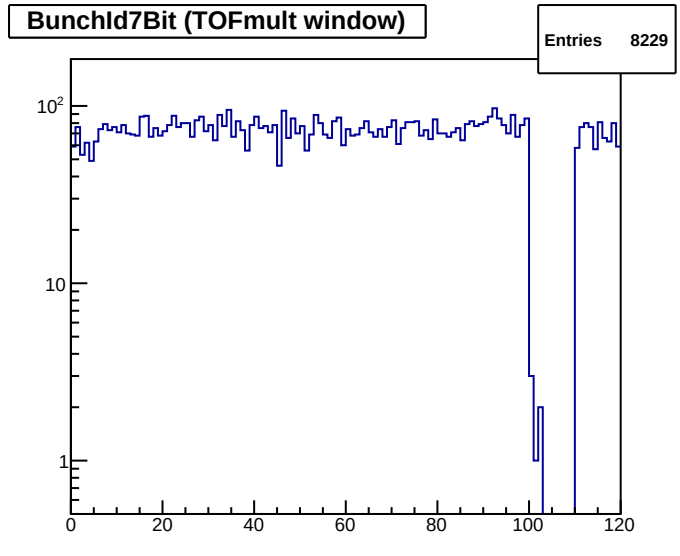

BunchId7Bit (VPD-TAC)
Entries 130513

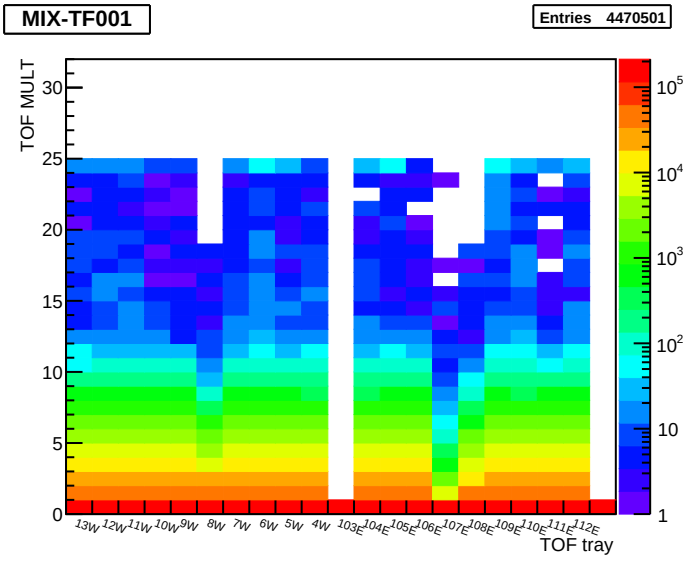

BunchId7Bit (ZDC-TAC)
Entries 558

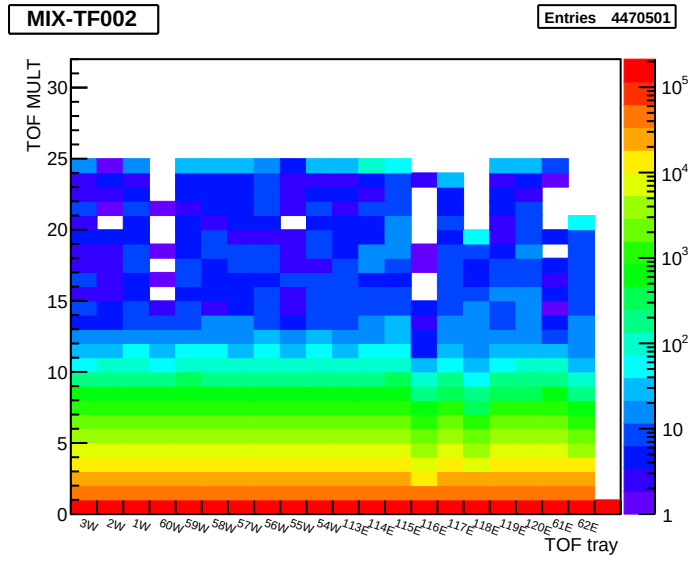

BunchId7Bit (EPD-TAC)
Entries 172971

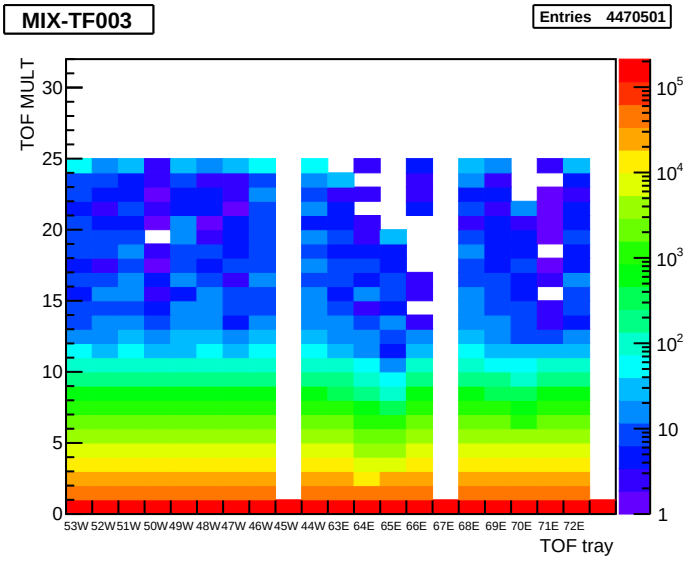

BunchId7Bit (BBC-TAC)
Entries 105046

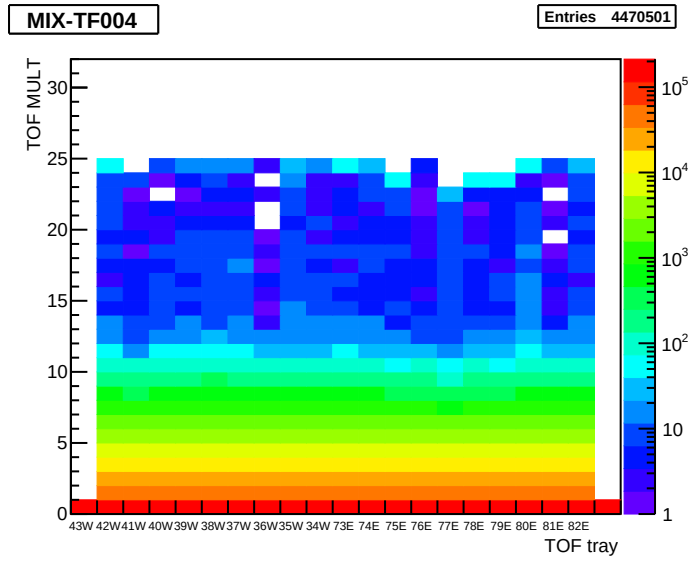

BunchId7Bit (Laser)
Entries 0

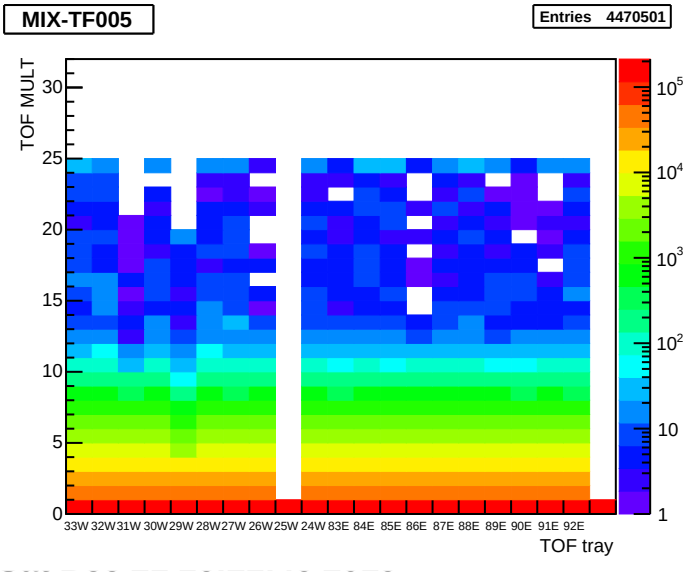

BunchId7Bit (TOFmult window)
Entries 8229

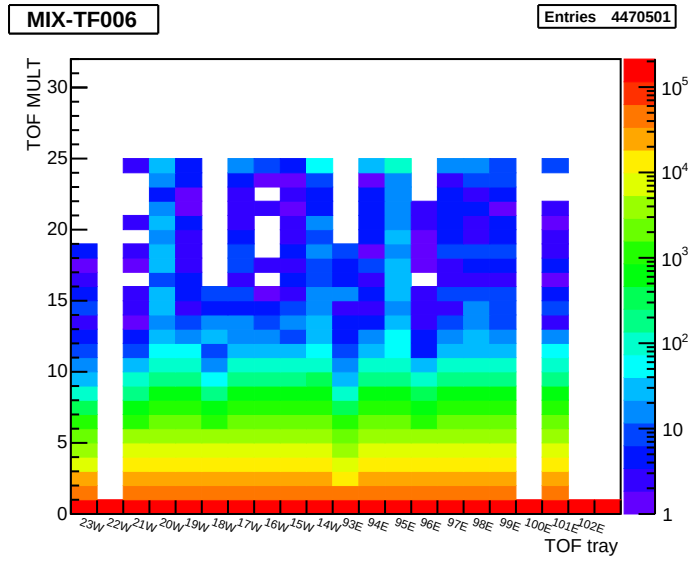

MIX-TF001
Entries 4470501
TOF MULT
TOF tray

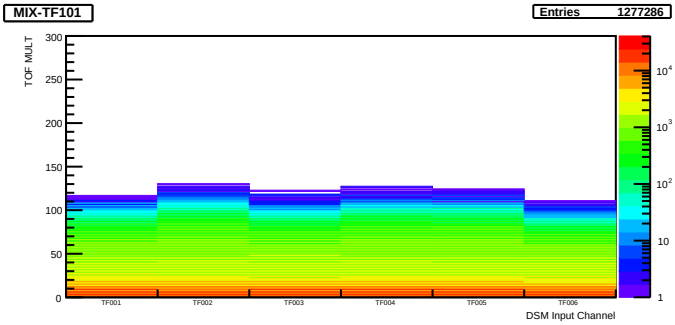

MIX-TF002
Entries 4470501
TOF MULT
TOF tray

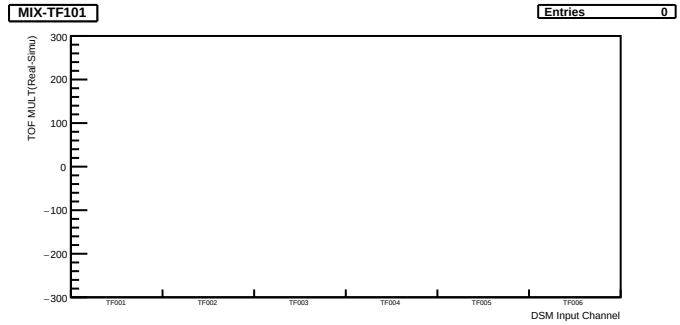

MIX-TF003
Entries 4470501
TOF MULT
TOF tray

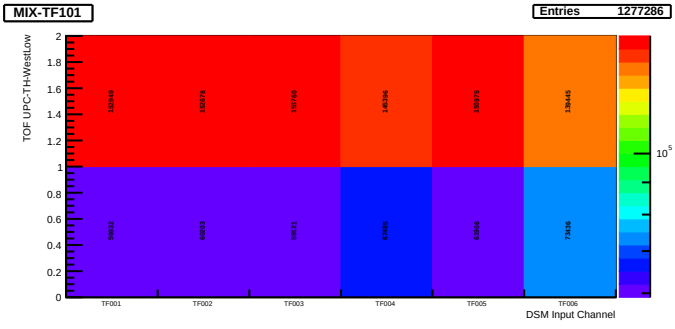

MIX-TF004
Entries 4470501
TOF MULT
TOF tray

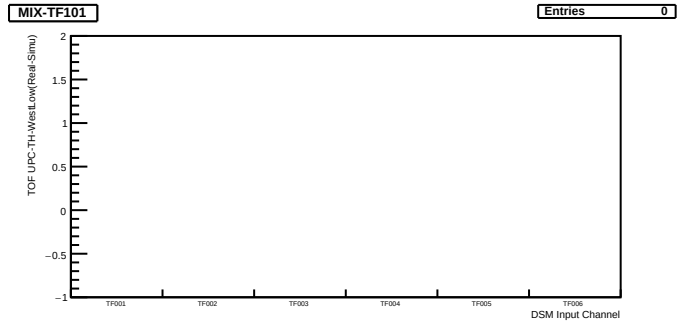

MIX-TF005
Entries 4470501
TOF MULT
TOF tray

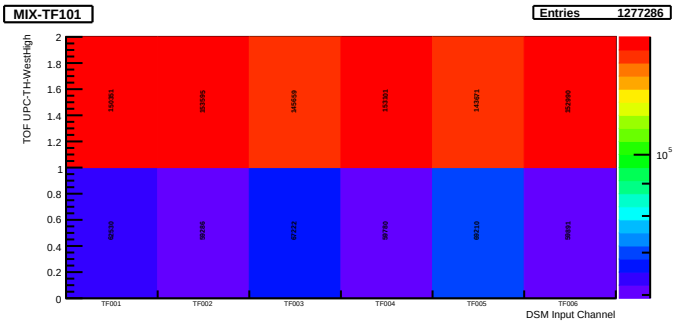

MIX-TF006
Entries 4470501
TOF MULT
TOF tray

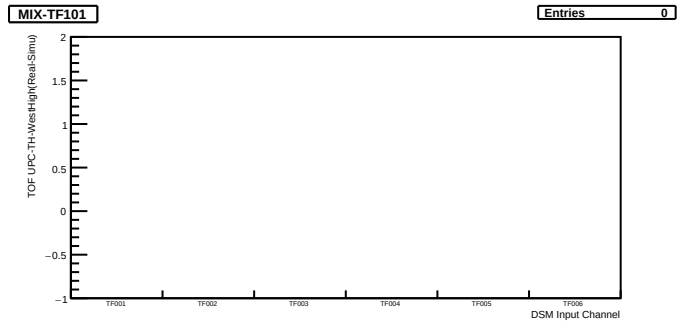

MIX-TF101
Entries 1277286
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

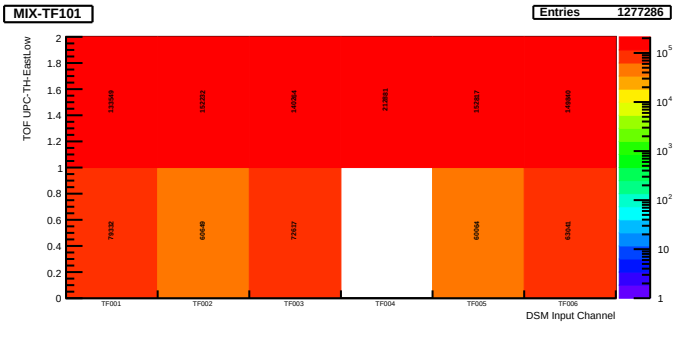

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

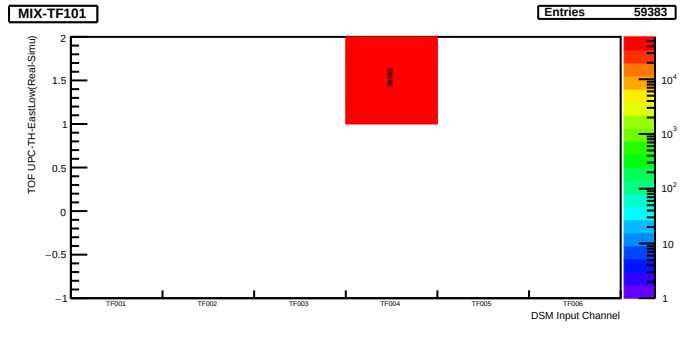

MIX-TF101
Entries 1277286
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

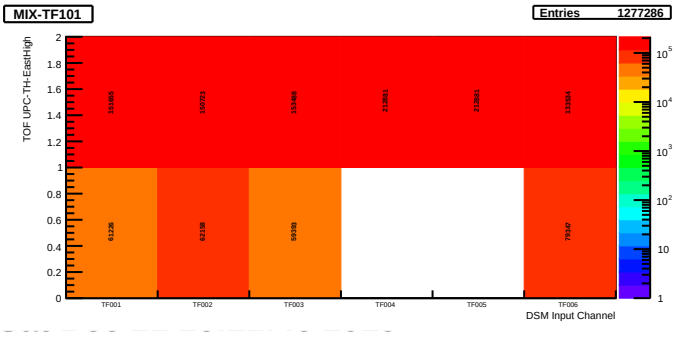

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

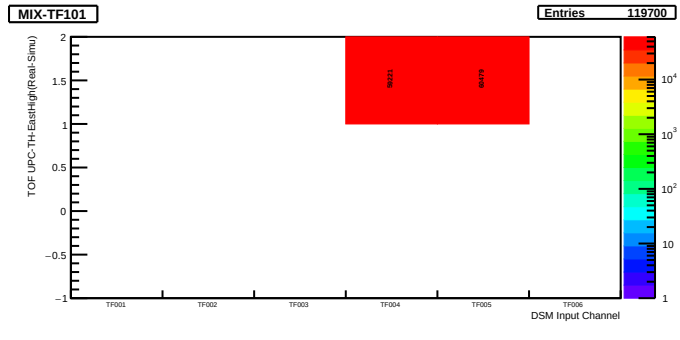

MIX-TF101
Entries 1277286
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

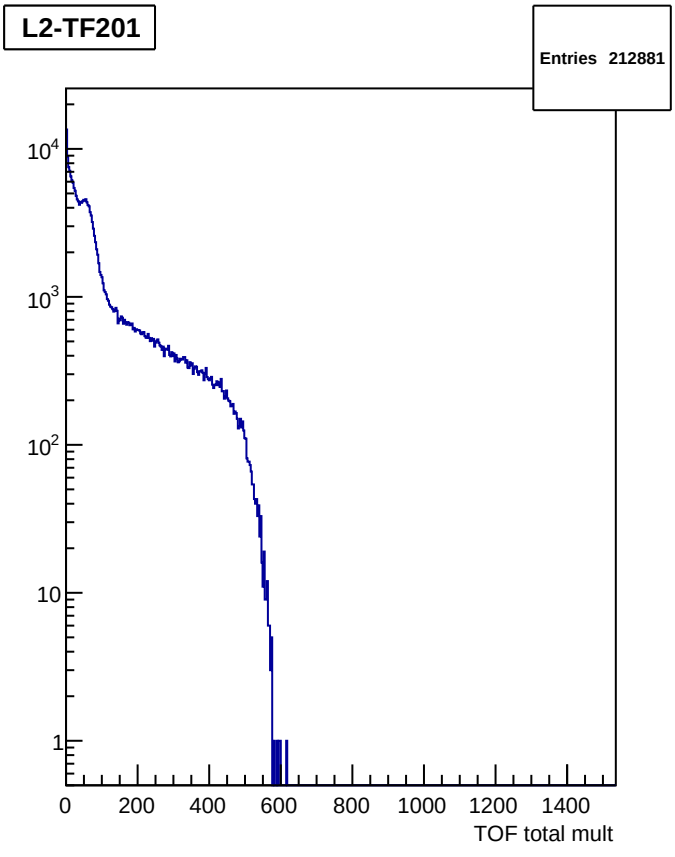

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

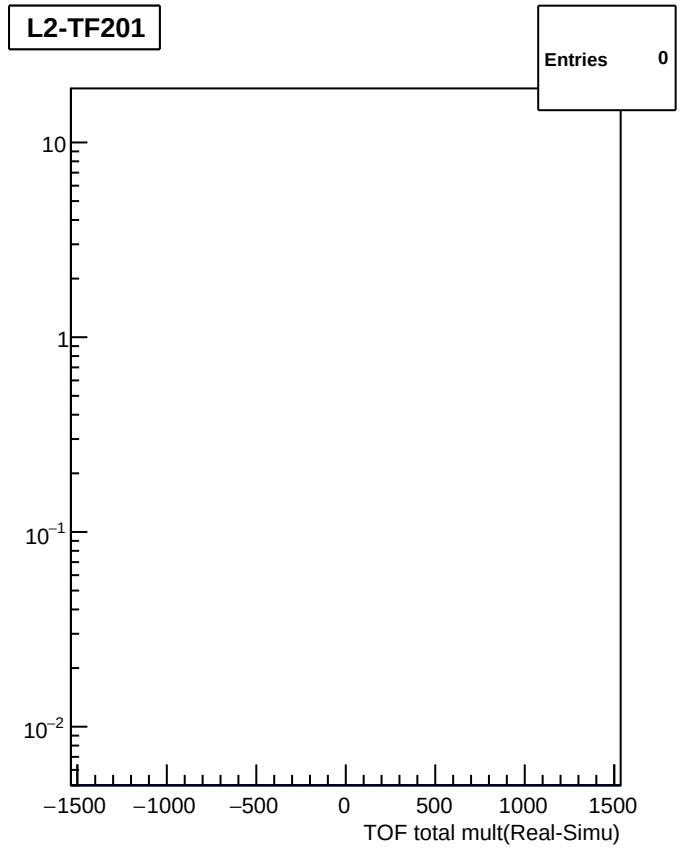

MIX-TF101
Entries 1277286
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

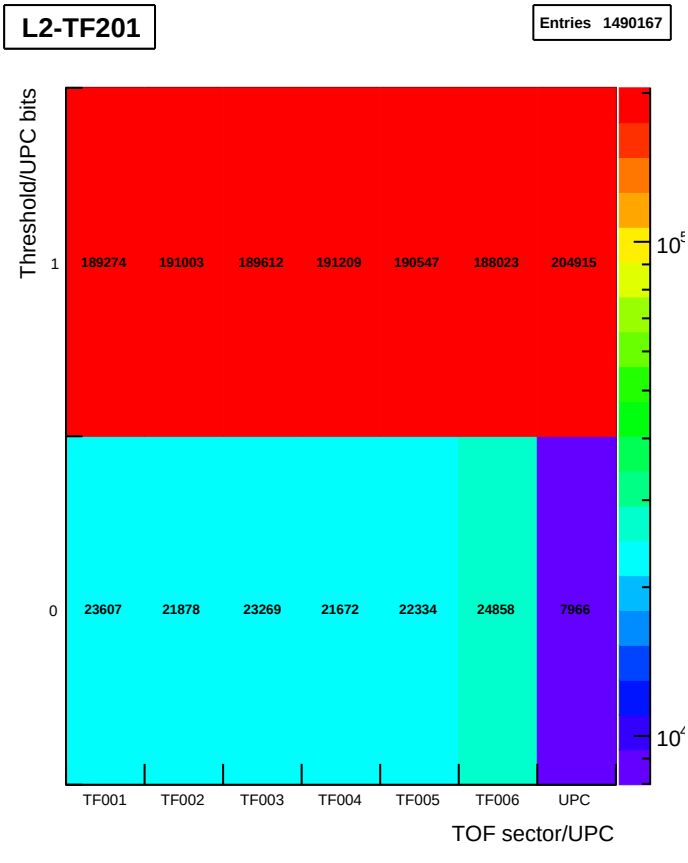

MIX-TF101
Entries 59383
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

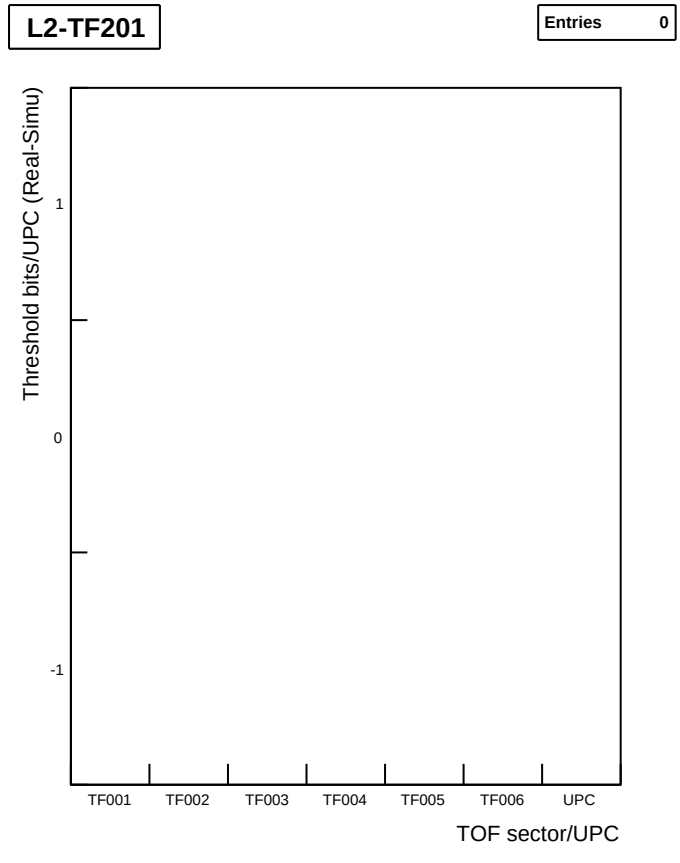

MIX-TF101
Entries 1277286
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

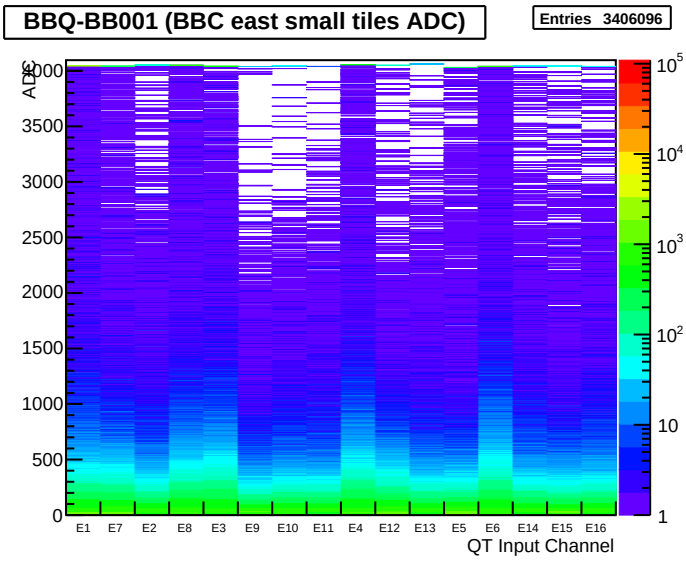

MIX-TF101
Entries 119700
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

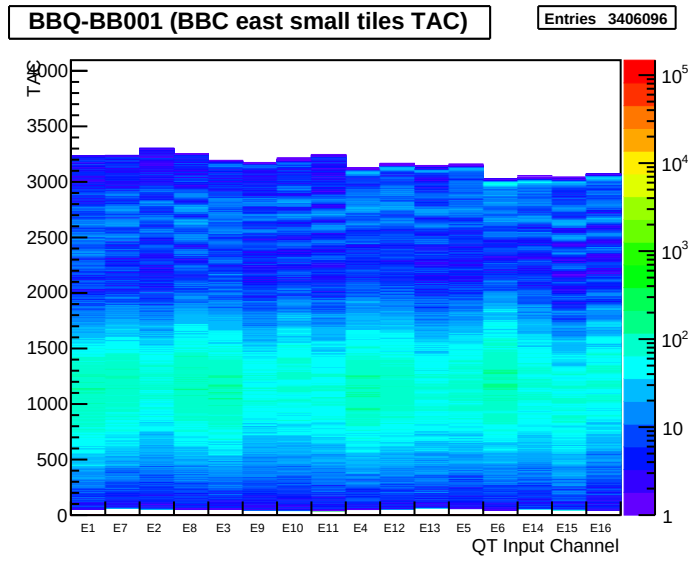

L2-TF201
Entries 212881
TOF total mult

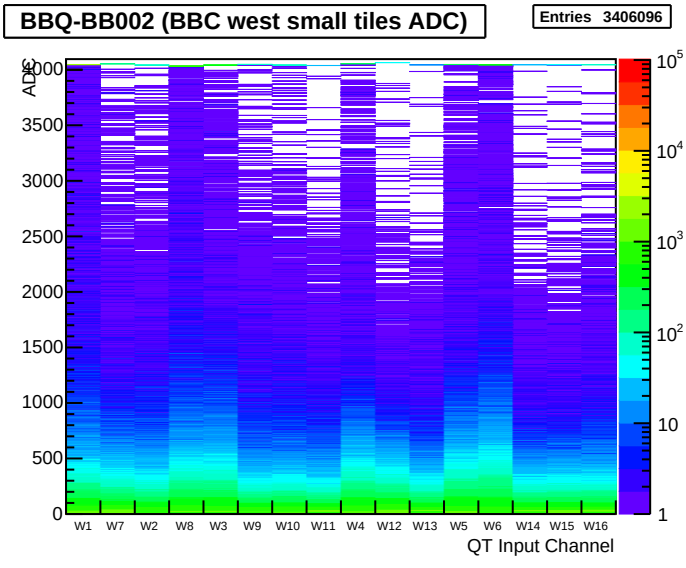

L2-TF201
Entries 0
TOF total mult(Real-Simu)

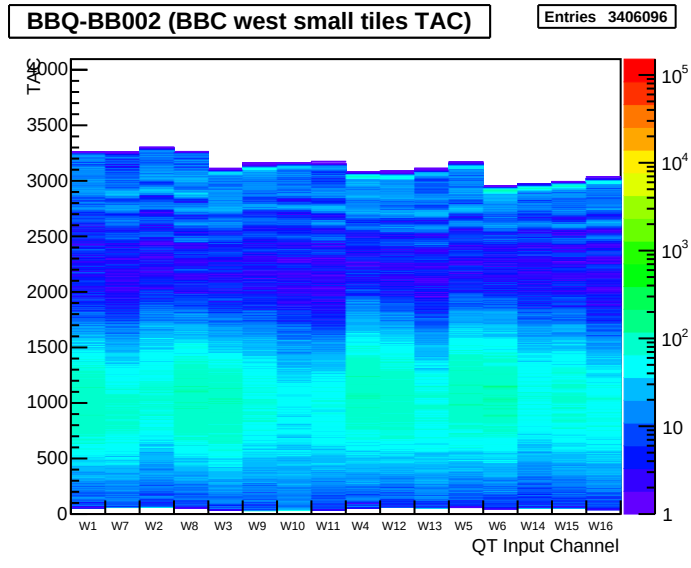

L2-TF201
Entries 1490167
Threshold/UPC bits
189274
191003
189612
191209
190547
188023
204915
23607
21878
23269
21672
22334
24858
7966
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

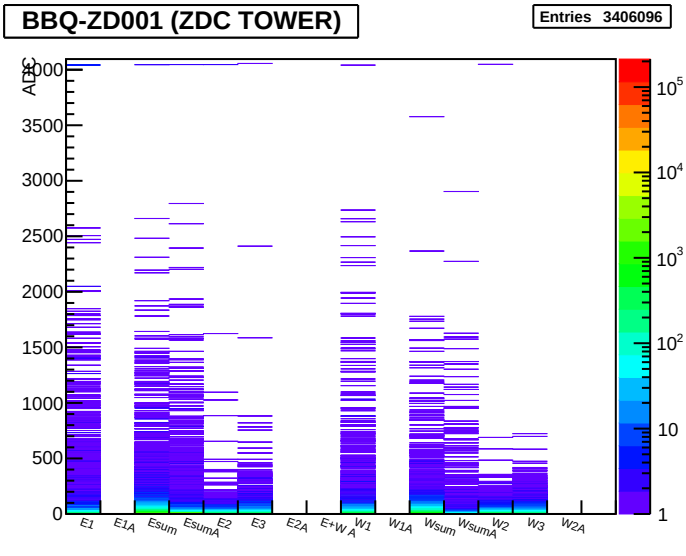

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

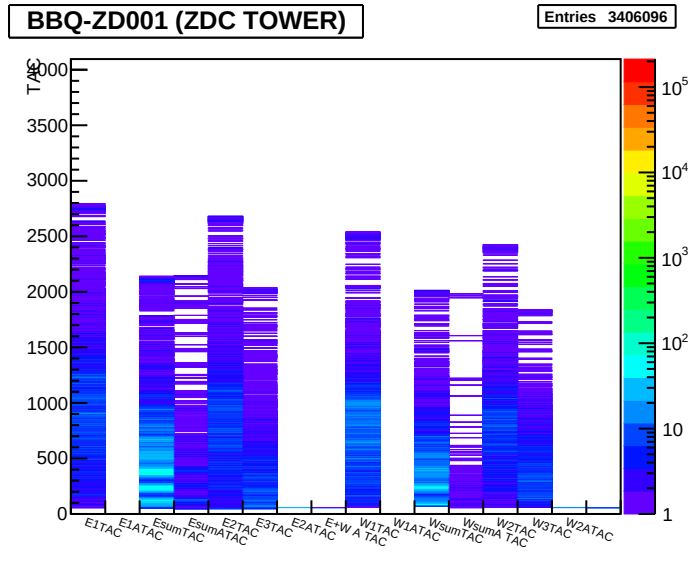

BBQ-BB001 (BBC east small tiles ADC)
Entries 3406096
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

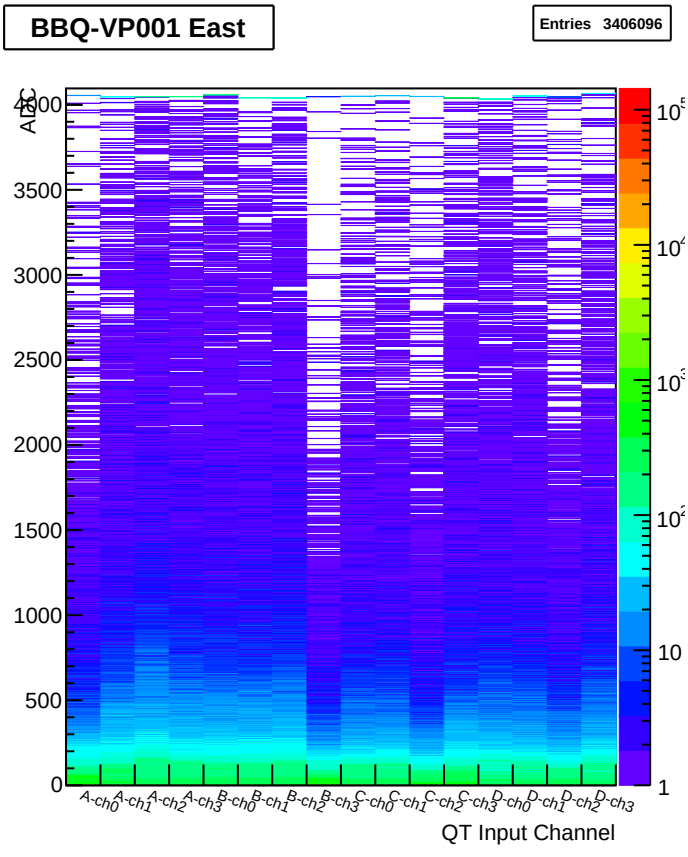

BBQ-BB001 (BBC east small tiles TAC)
Entries 3406096
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

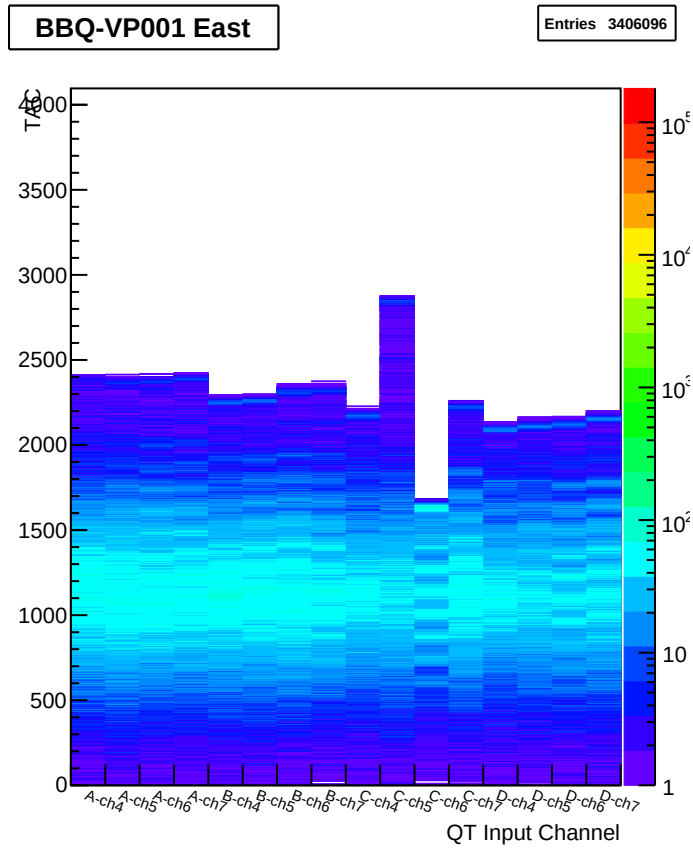

BBQ-BB002 (BBC west small tiles ADC)
Entries 3406096
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

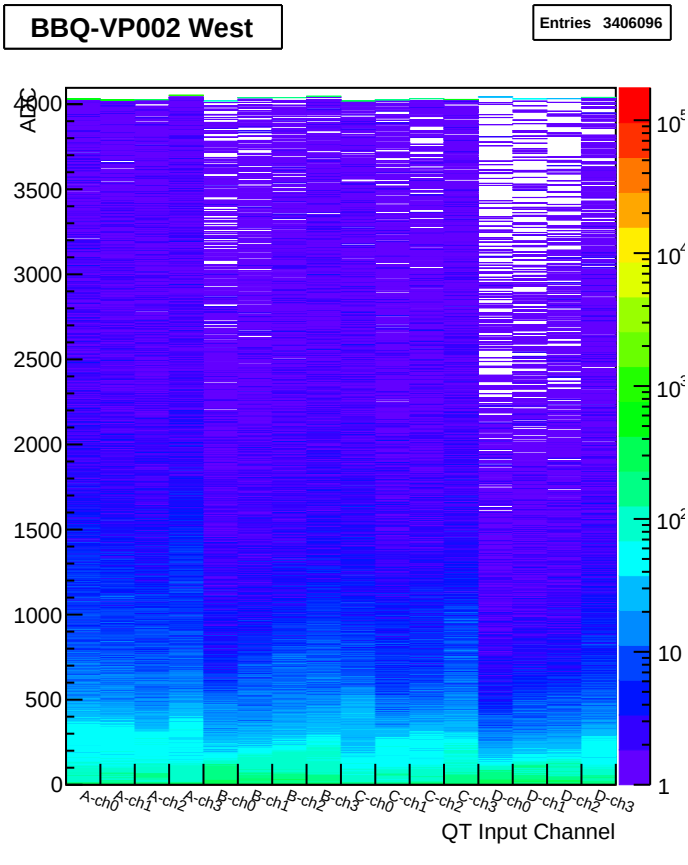

BBQ-BB002 (BBC west small tiles TAC)
Entries 3406096
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

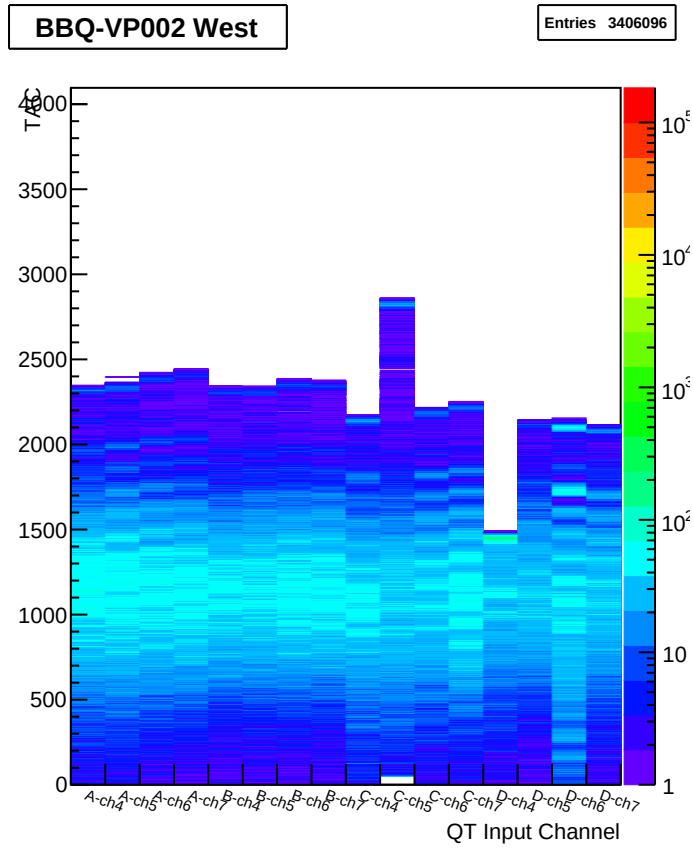

BBQ-ZD001 (ZDC TOWER)
Entries 3406096
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

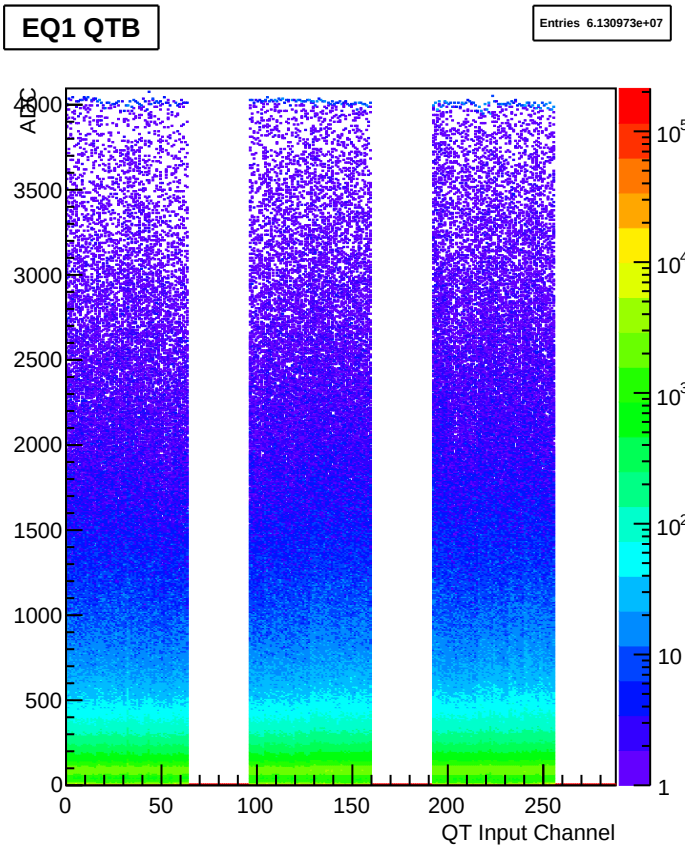

BBQ-ZD001 (ZDC TOWER)
Entries 3406096
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

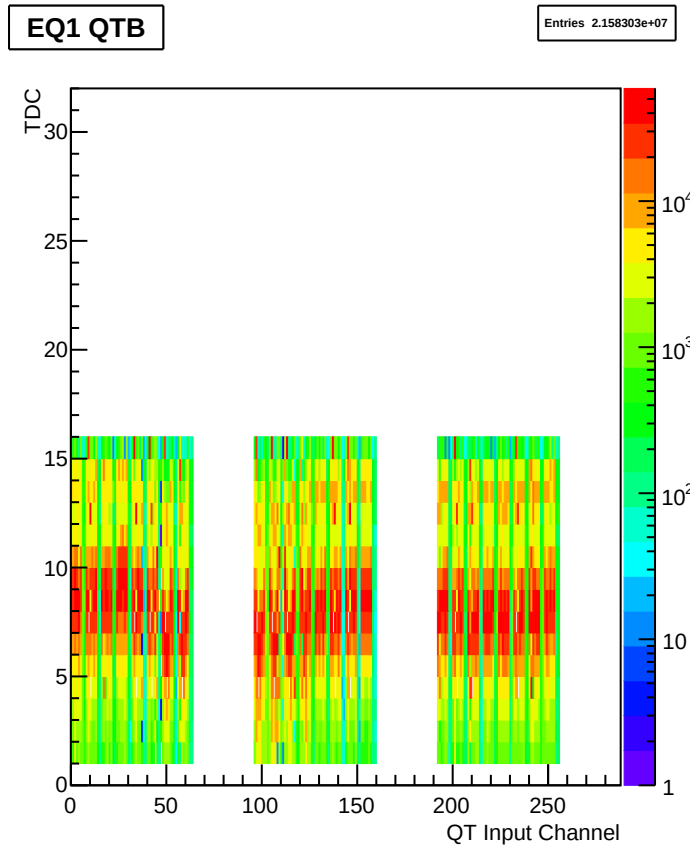

BBQ-VP001 East
Entries 3406096
ADC
QT Input Channel

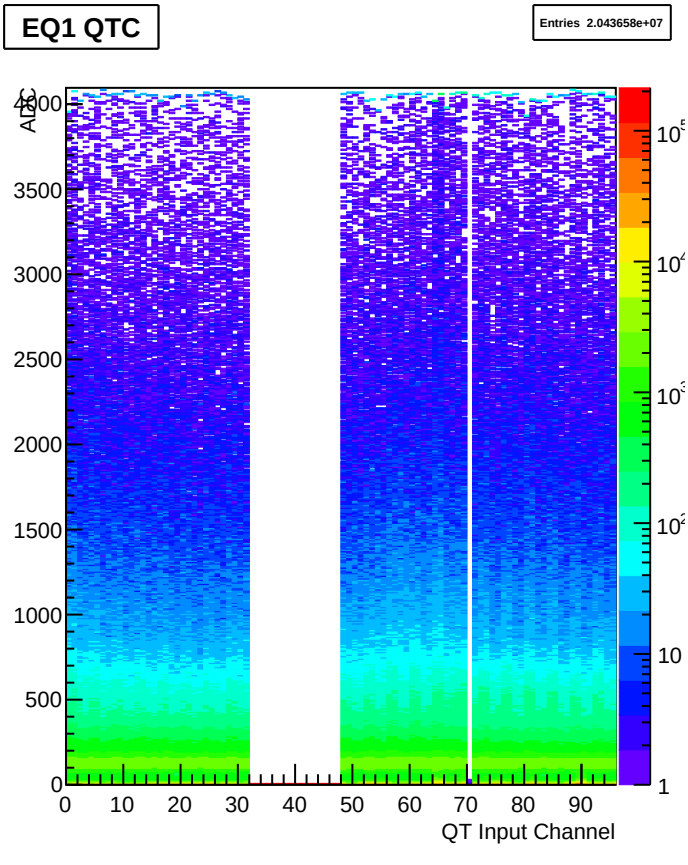

BBQ-VP001 East
Entries 3406096
TADC
QT Input Channel

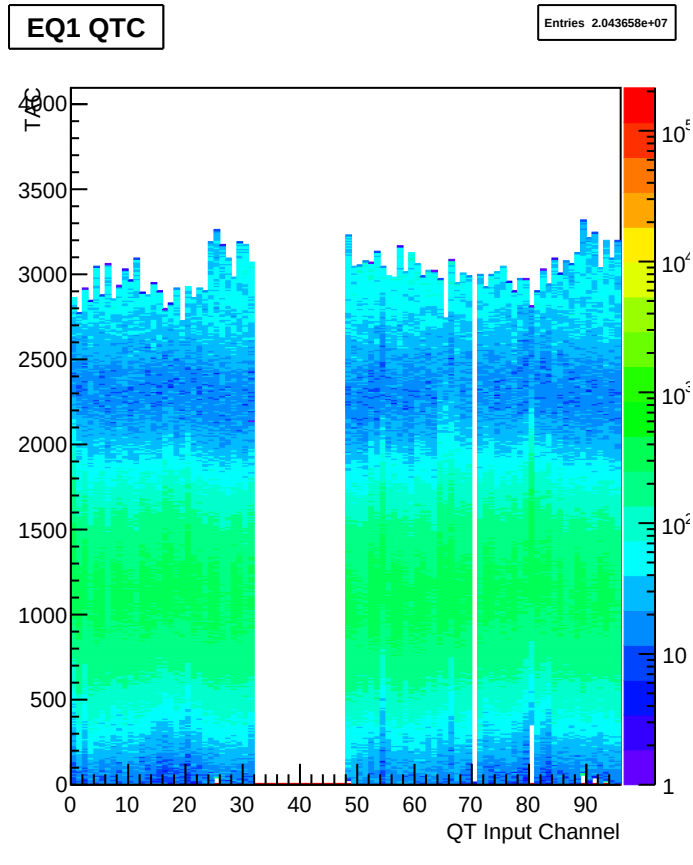

BBQ-VP002 West
Entries 3406096
ADC
QT Input Channel

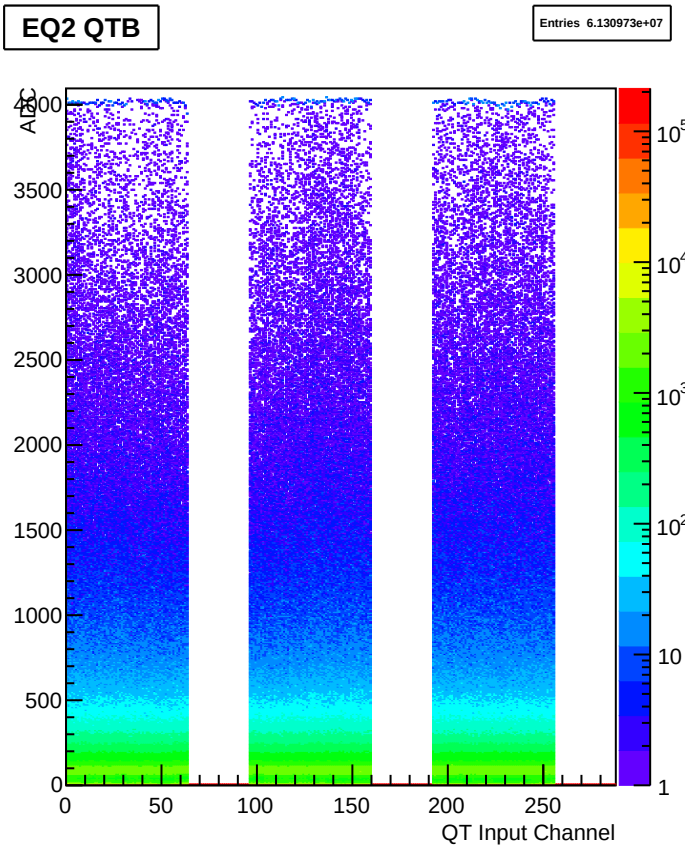

BBQ-VP002 West
Entries 3406096
TADC
QT Input Channel

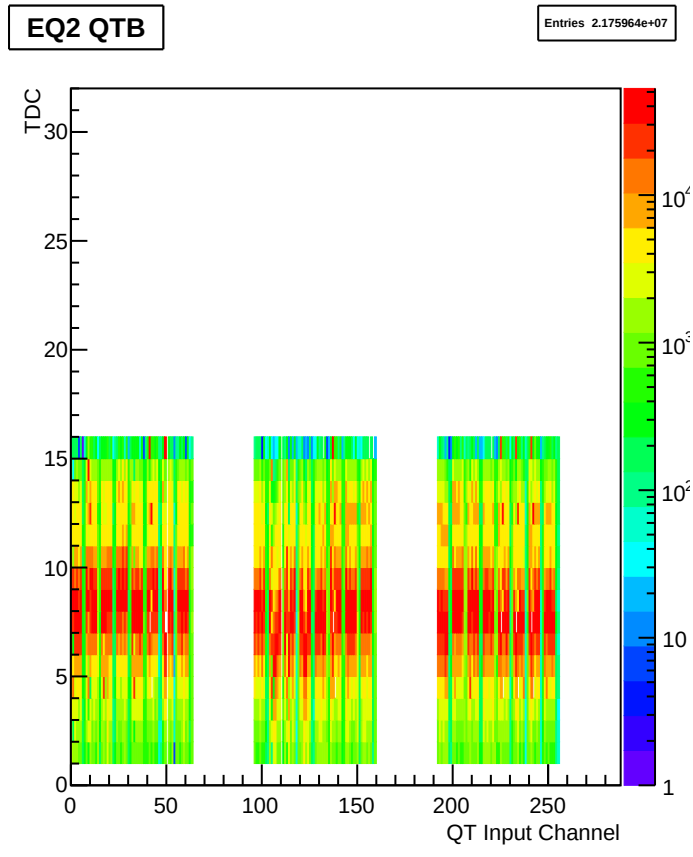

EQ1 QTB
Entries 6.130973e+07
ADC
QT Input Channel

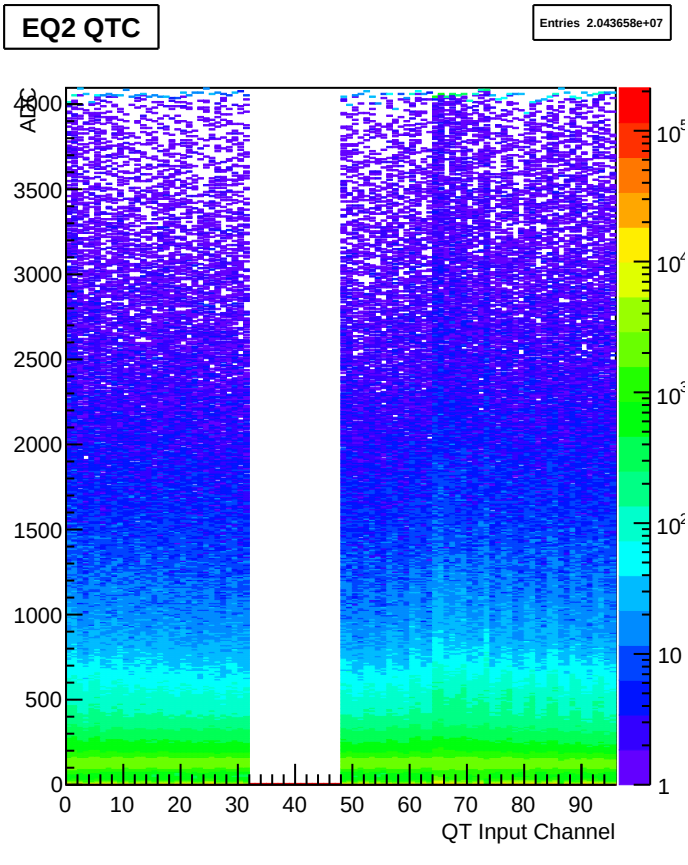

EQ1 QTB
Entries 2.158303e+07
TDC
QT Input Channel

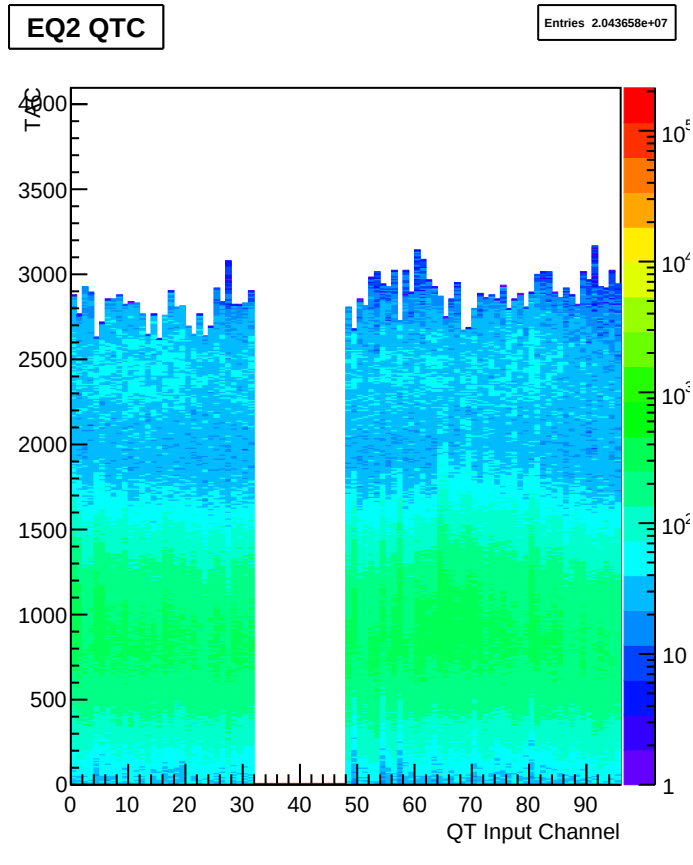

EQ1 QTC
Entries 2.043658e+07
ADC
QT Input Channel

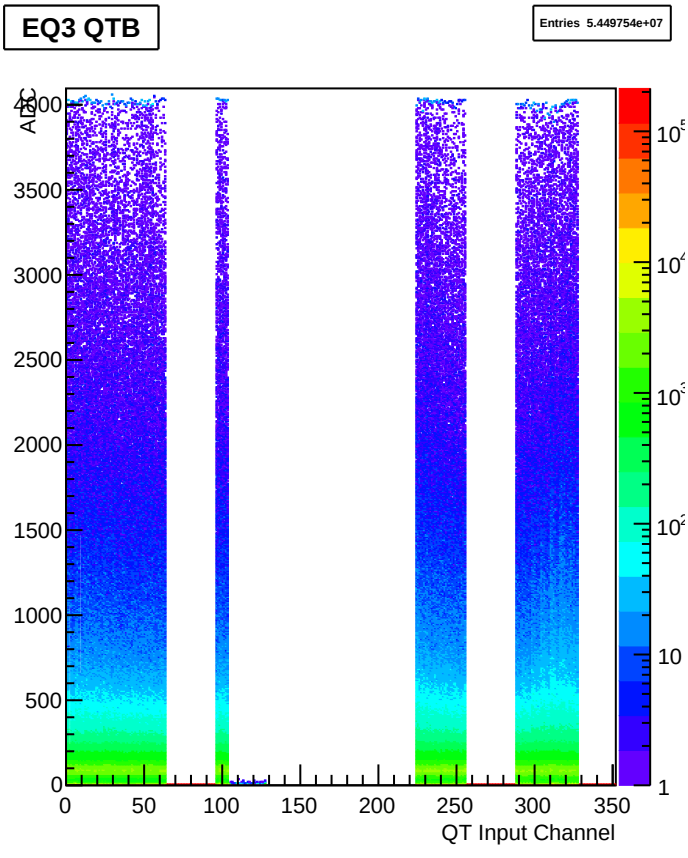

EQ1 QTC
Entries 2.043658e+07
TADC
QT Input Channel

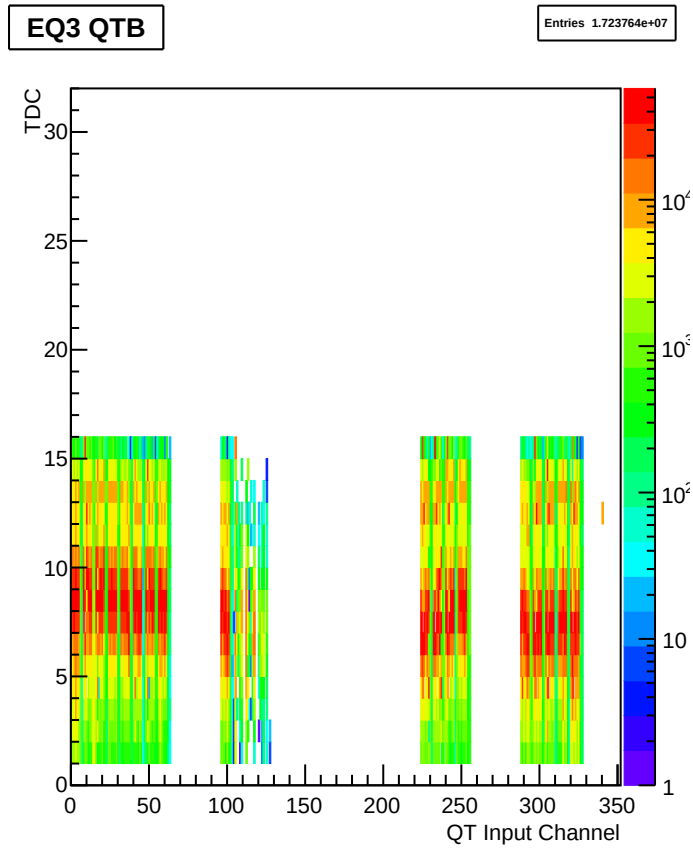

EQ2 QTB
Entries 6.130973e+07
ADC
QT Input Channel

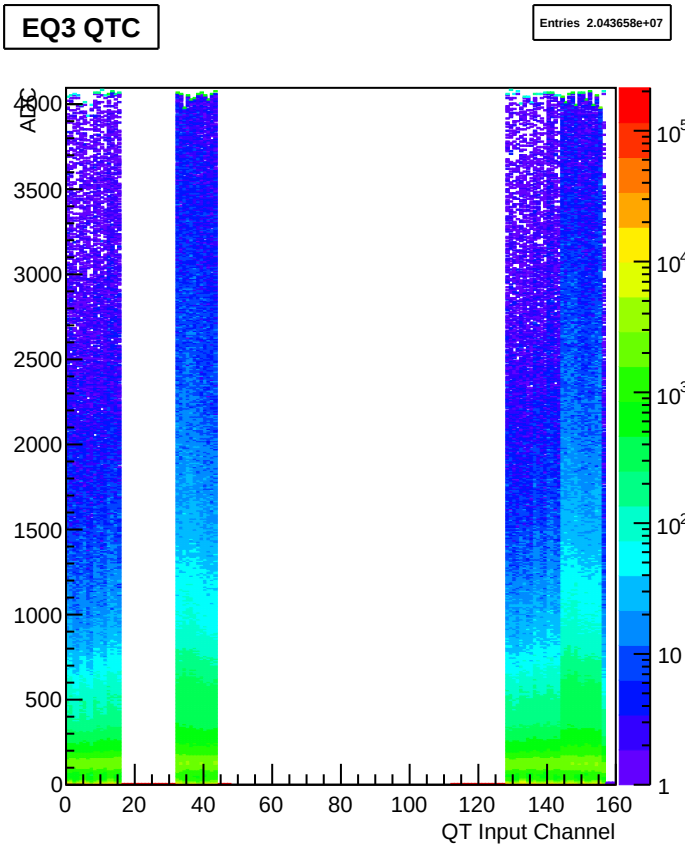

EQ2 QTB
Entries 2.175964e+07
TDC
QT Input Channel

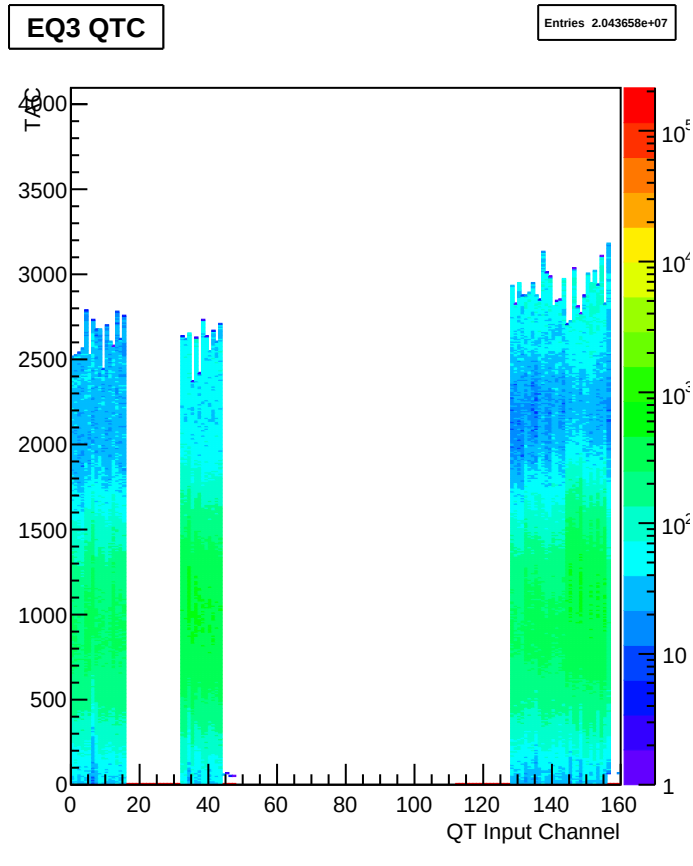

EQ2 QTC
Entries 2.043658e+07
ADC
QT Input Channel

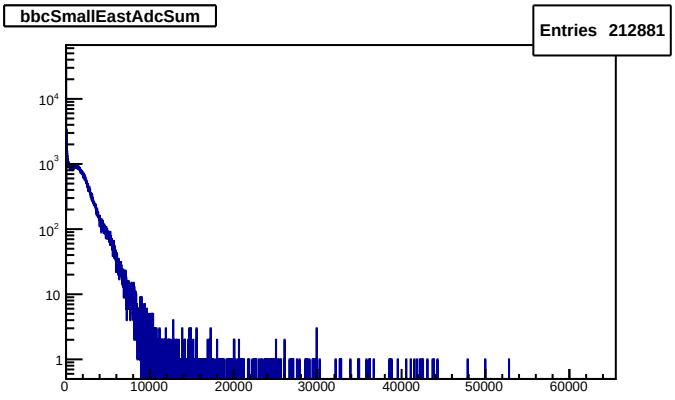

EQ2 QTC
Entries 2.043658e+07
TADC
QT Input Channel

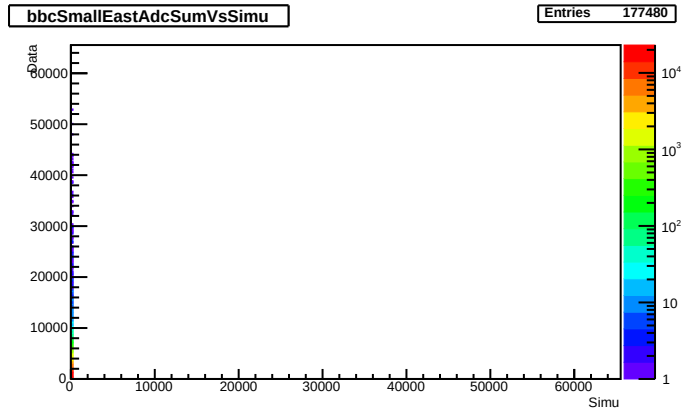

EQ3 QTB
Entries 5.449754e+07
ADC
QT Input Channel

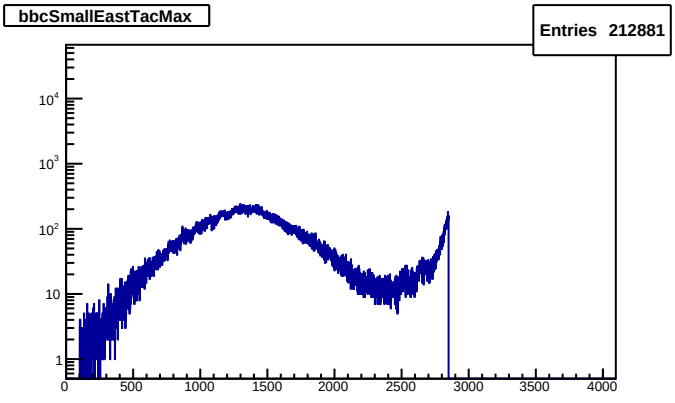

EQ3 QTB
Entries 1.723764e+07
TDC
QT Input Channel

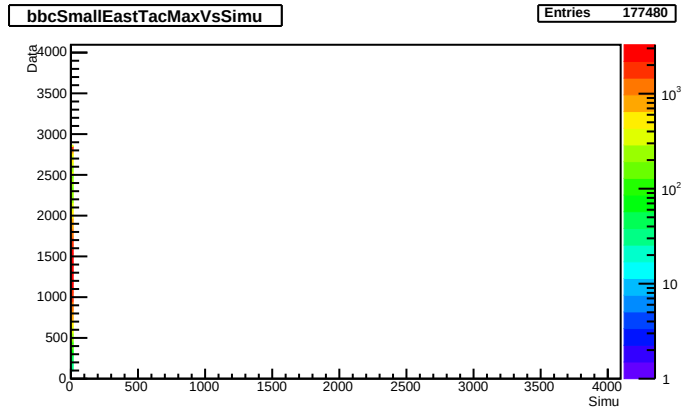

EQ3 QTC
Entries 2.043658e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.043658e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 212881


bbcSmallEastAdcSumVsSimu
Entries 177480
Data
Simu


bbcSmallEastTacMax
Entries 212881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Entries 177480
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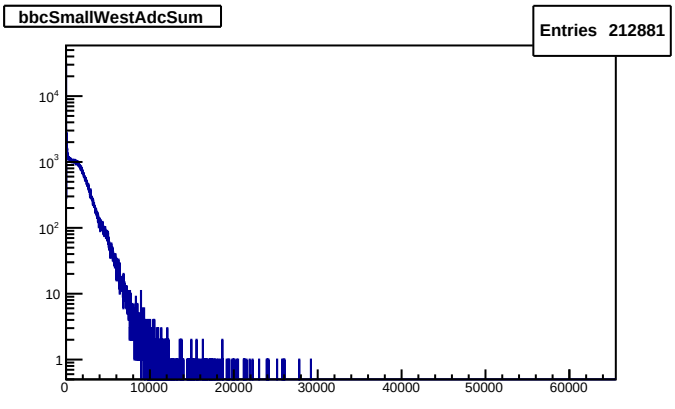
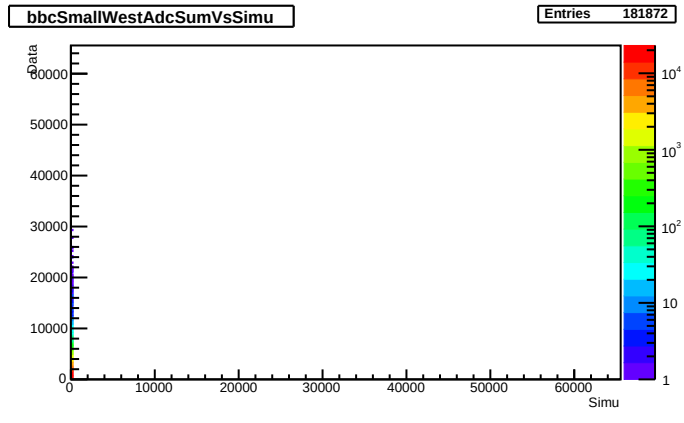

bbcSmallWestAdcSum
Entries 212881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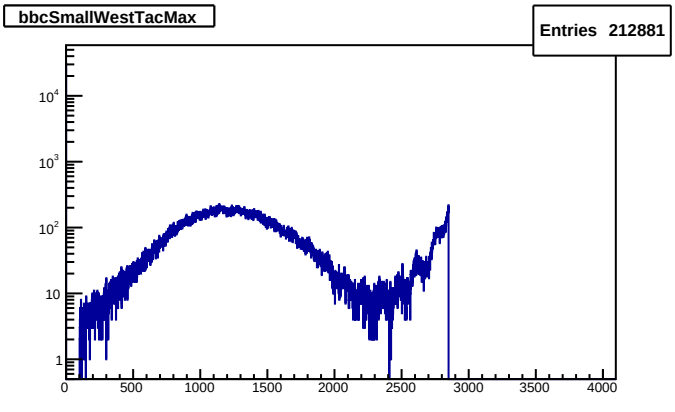
Entries 181872
Data
Simu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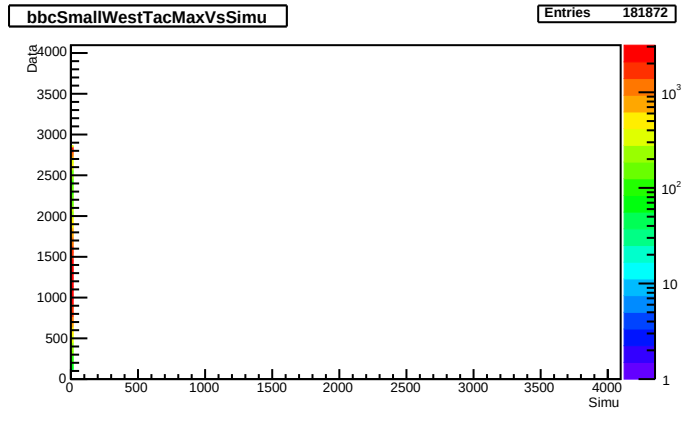
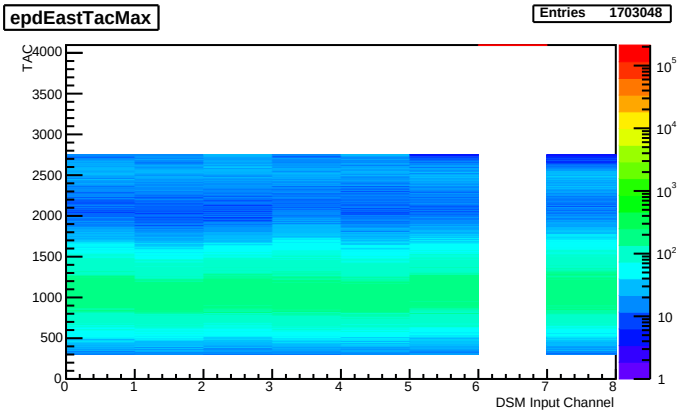
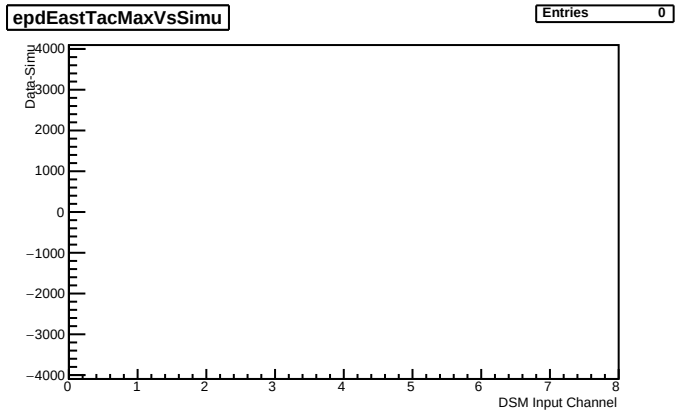
Entries 212881


bbcSmallWestTacMaxVsSimu
Entries 181872
Data
Simu


epdEastTacMax
Entries 1703048
TAC
DSM Input Channel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Data-Simu
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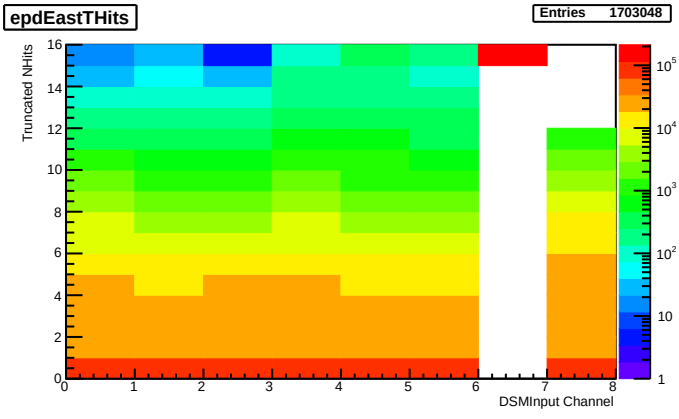
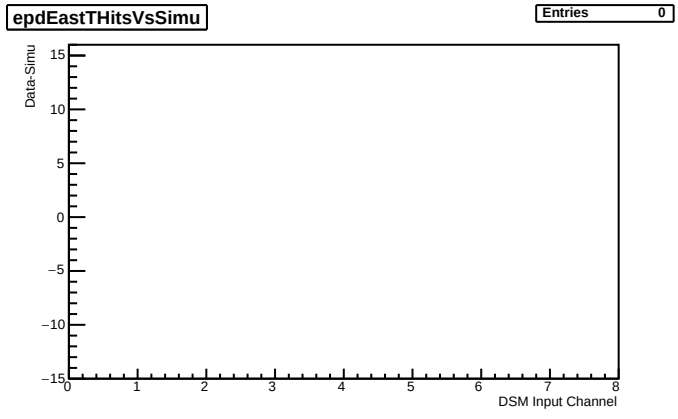

epdEastTHits
Entries 1703048
Truncated NHits
DSMInput Channel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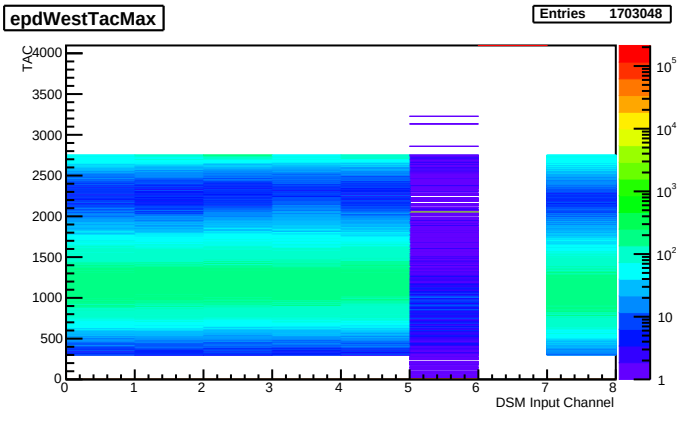
Data-Simu
DSM Input Channel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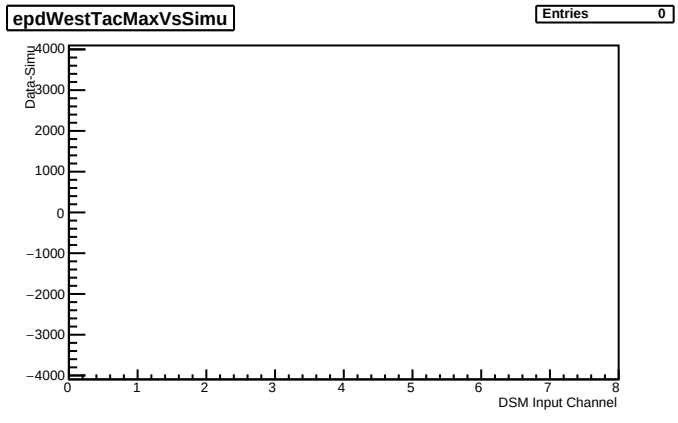
Entries 1703048
TAC
DSM Input Channel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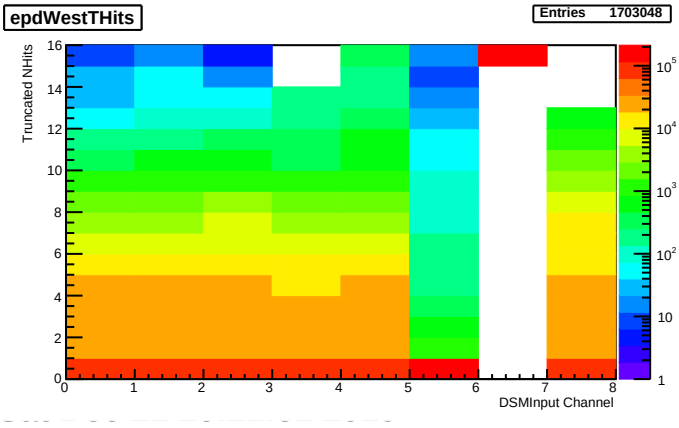
Data-Simu
DSM Input Channel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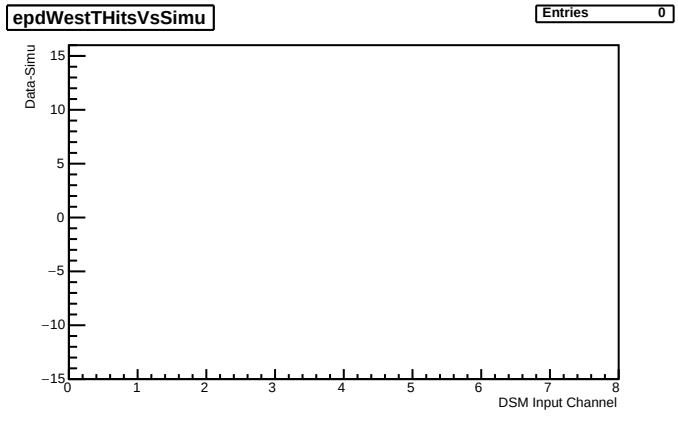
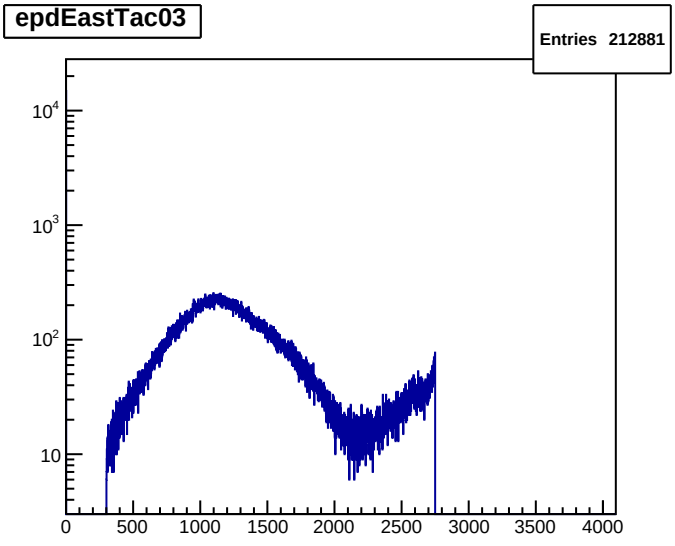
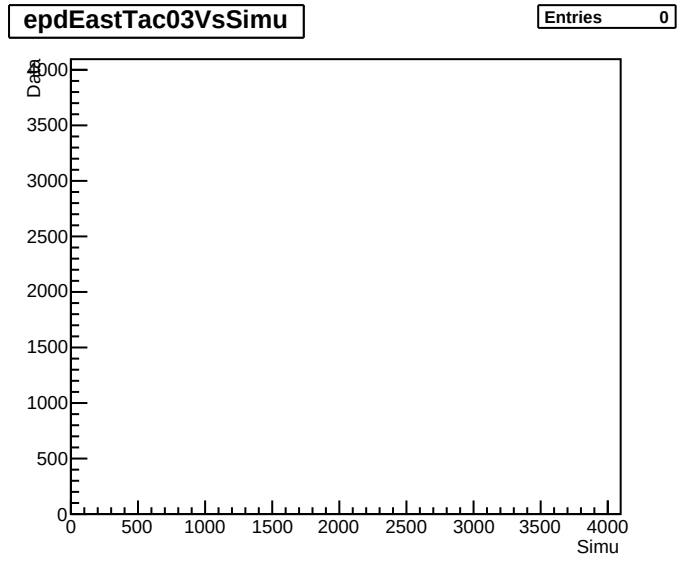
Entries 1703048
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 212881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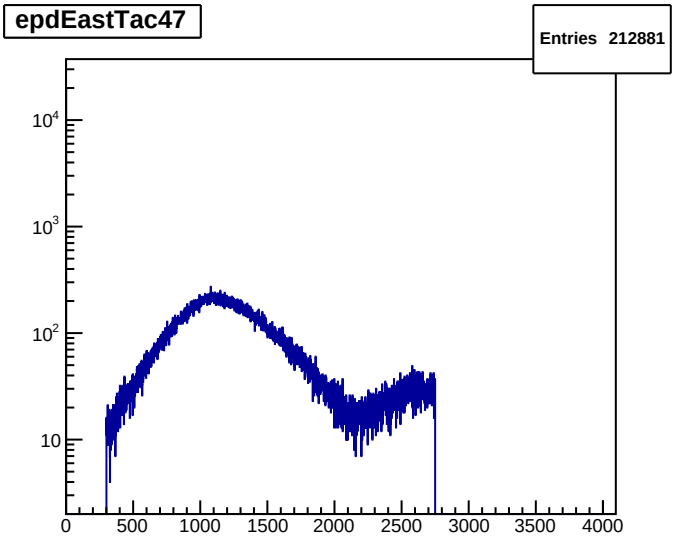
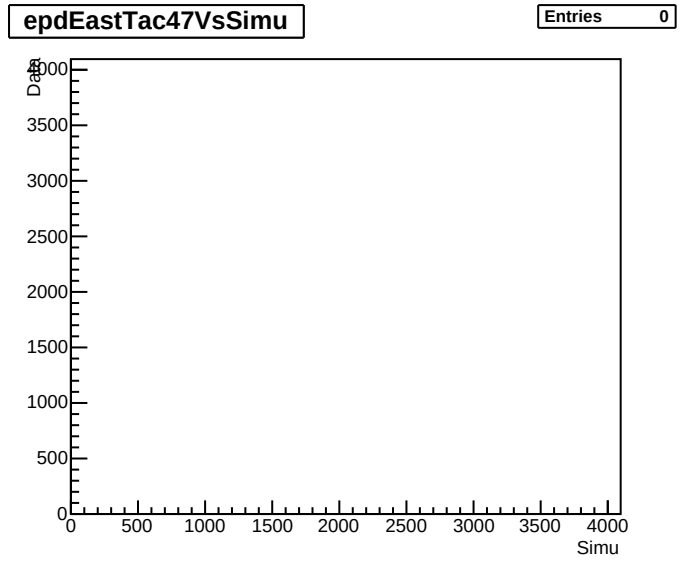
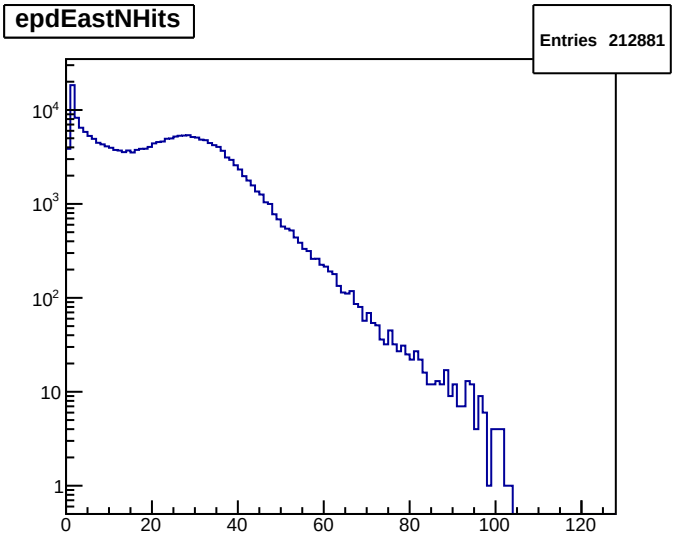
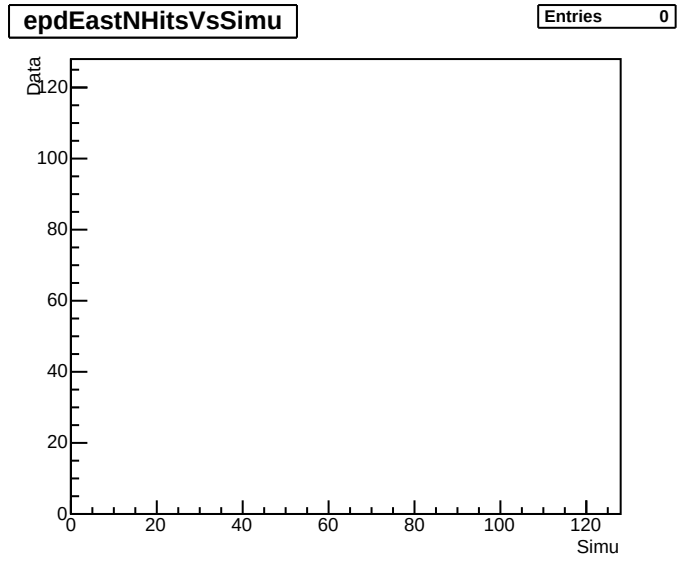
Entries 0
Data
Simu


epdEastTac47
Entries 212881


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 212881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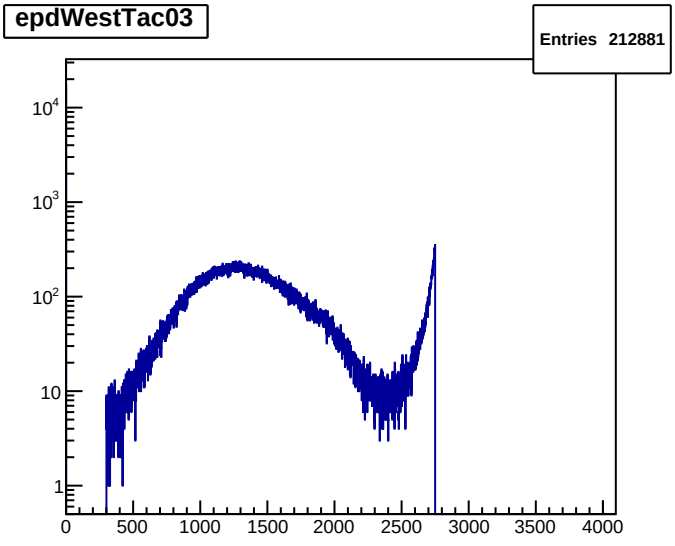
Entries 0
Data
Simu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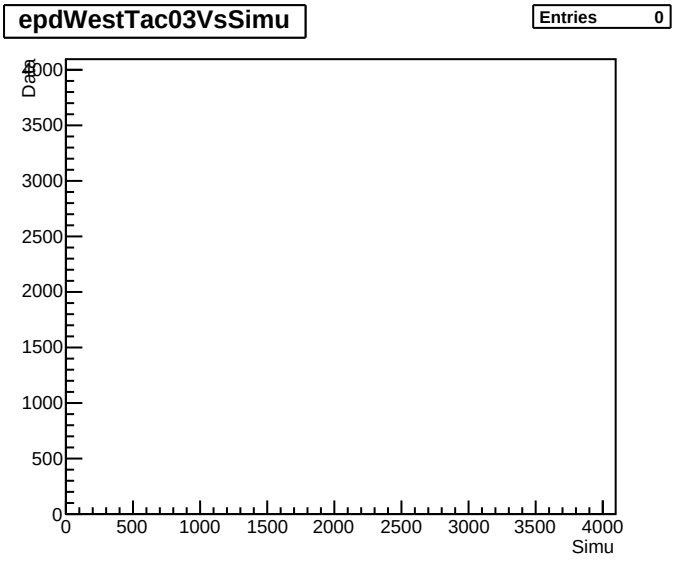
Entries 212881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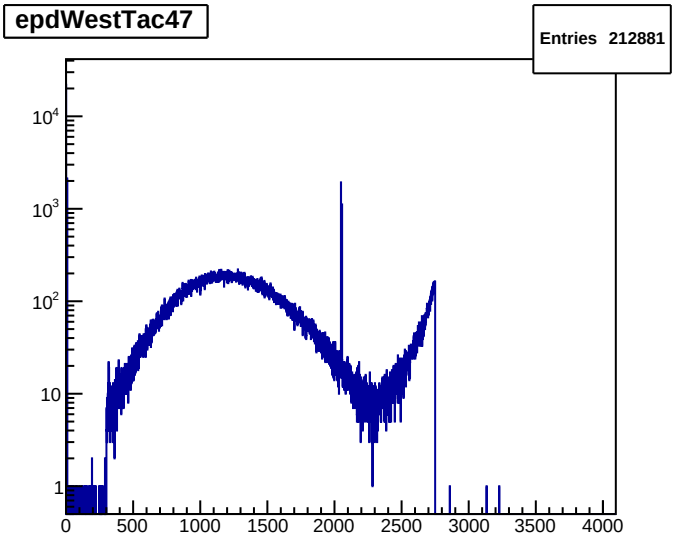
Entries 0
Data
Simu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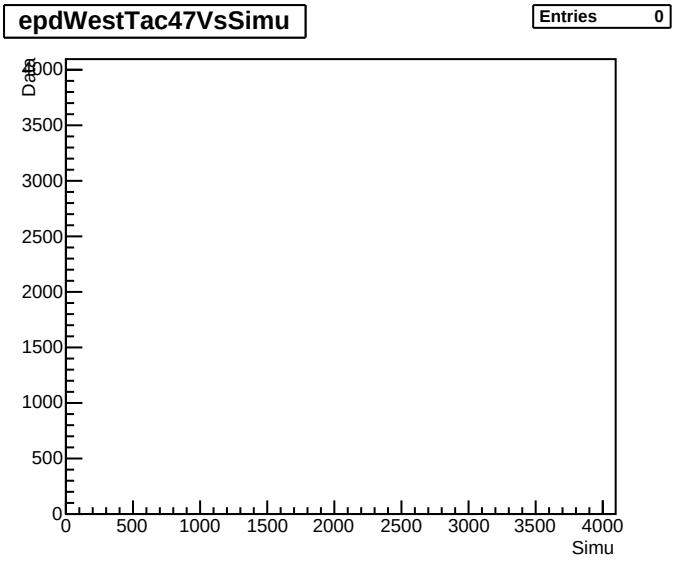
Entries 212881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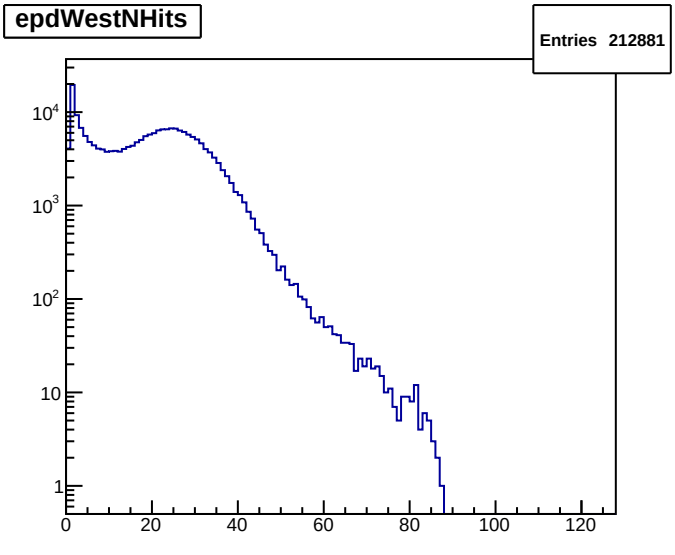
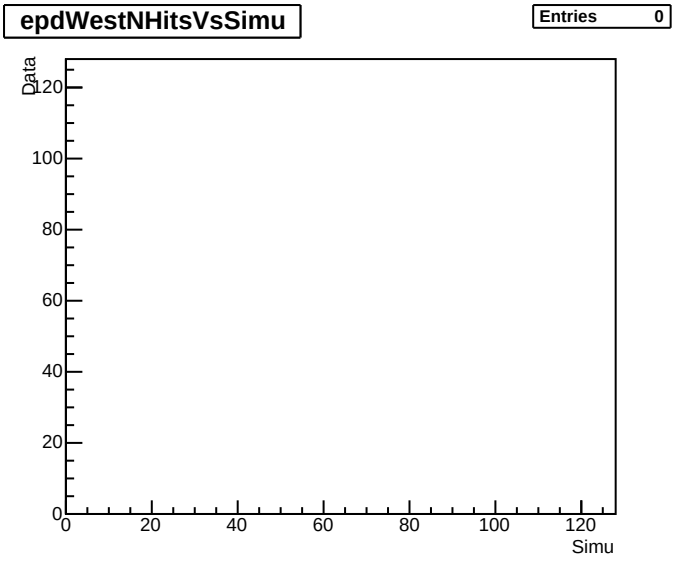
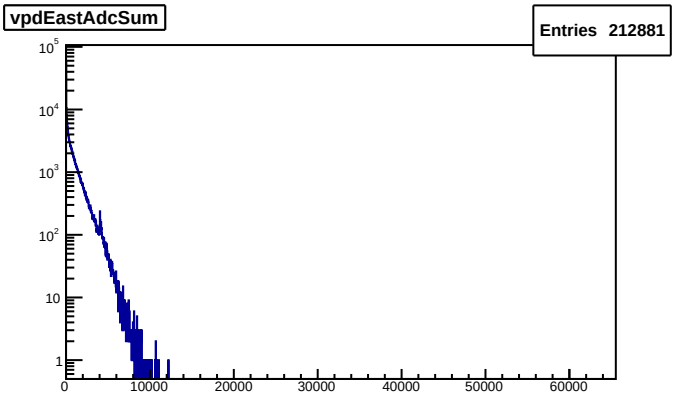
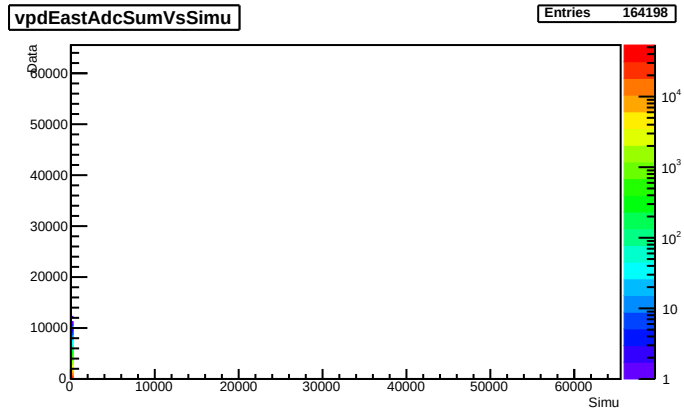
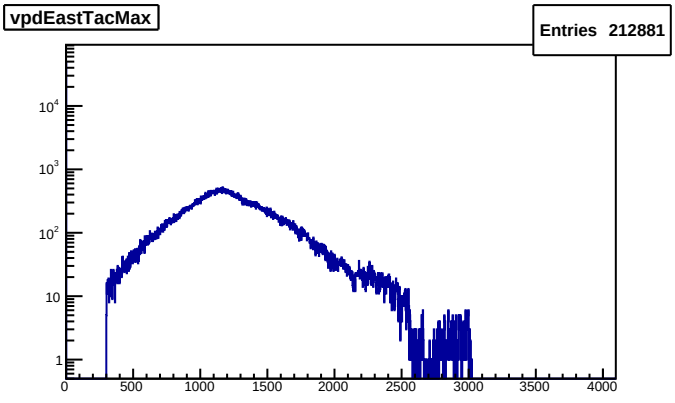
Entries 0
Data
Simu

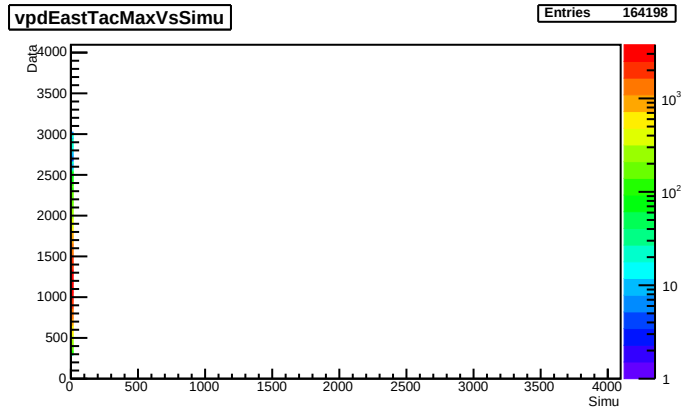

epdWestNHits
Entries 212881

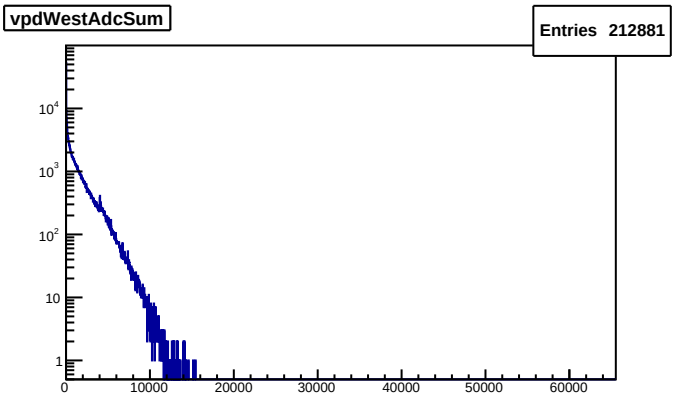

epdWestNHitsVsSimu
Entries 0
Data
Simu

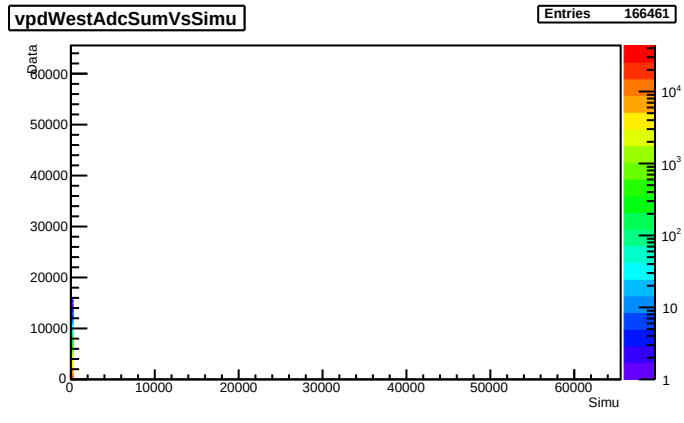

vpdEastAdcSum
Entries 212881

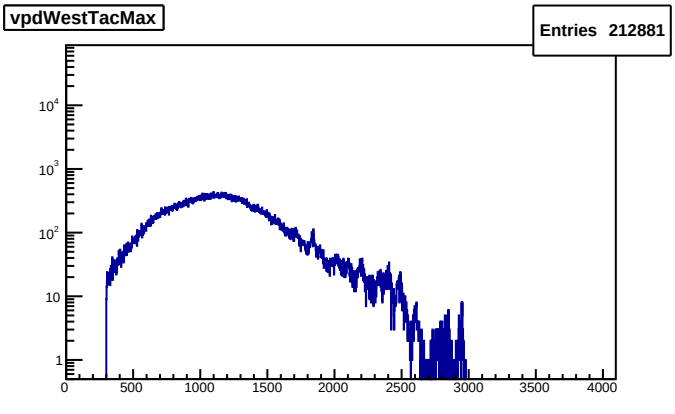

vpdEastAdcSumVsSimu
Entries 164198
Data
Simu

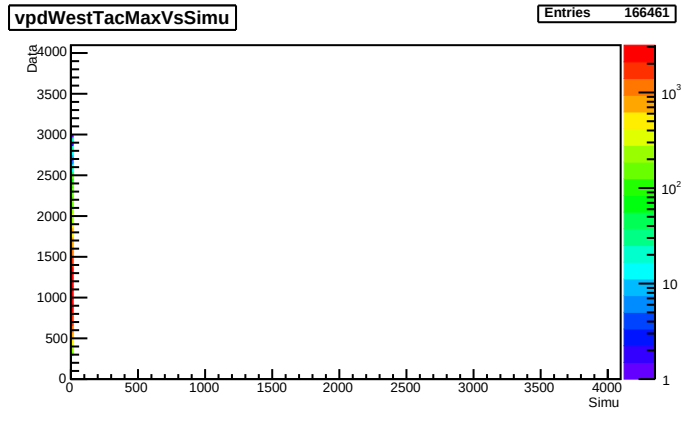

vpdEastTacMax
Entries 212881

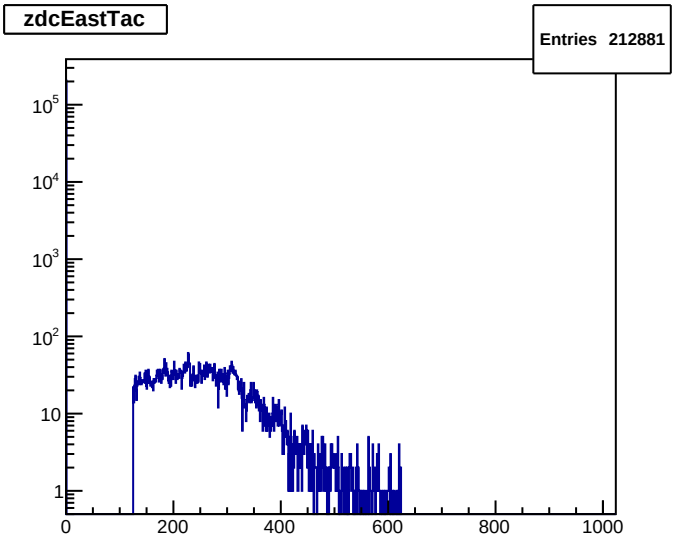

vpdEastTacMaxVsSimu
Entries 164198
Data
Simu

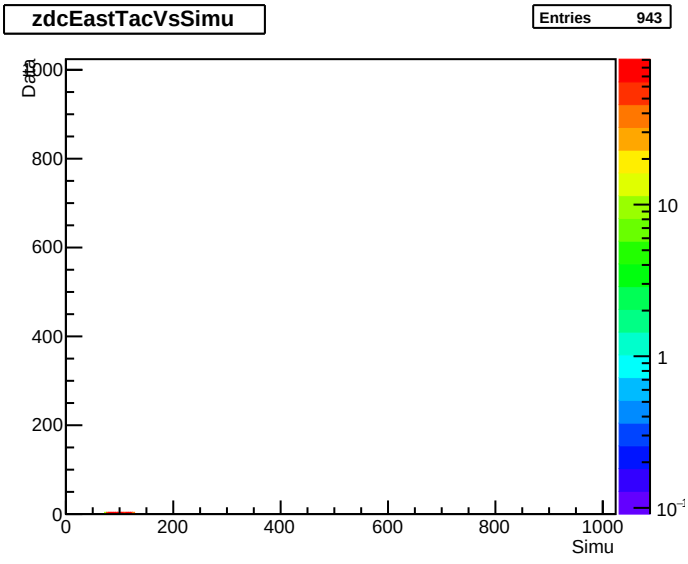

vpdWestAdcSum
Entries 212881

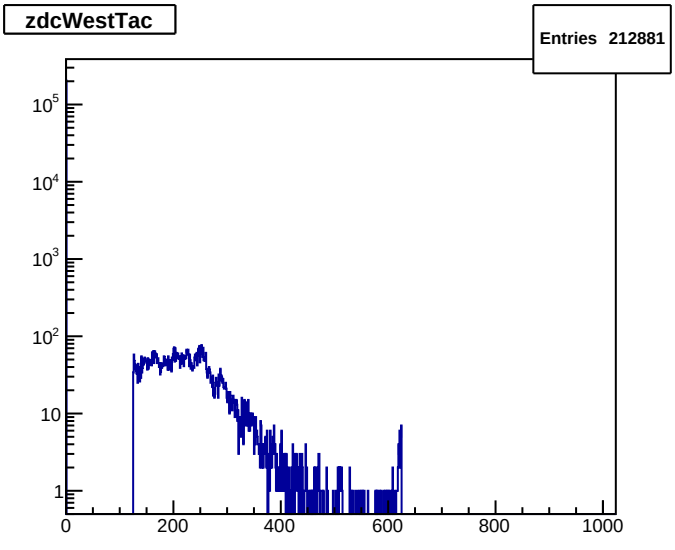

vpdWestAdcSumVsSimu
Entries 166461
Data
Simu

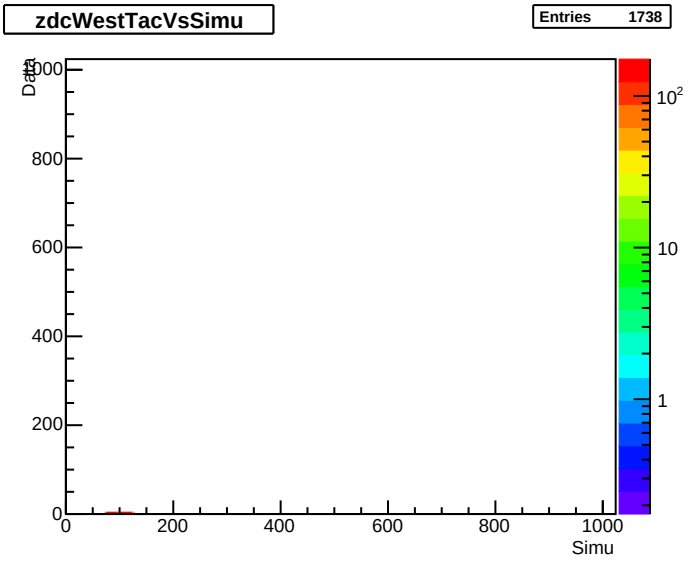

vpdWestTacMax
Entries 212881

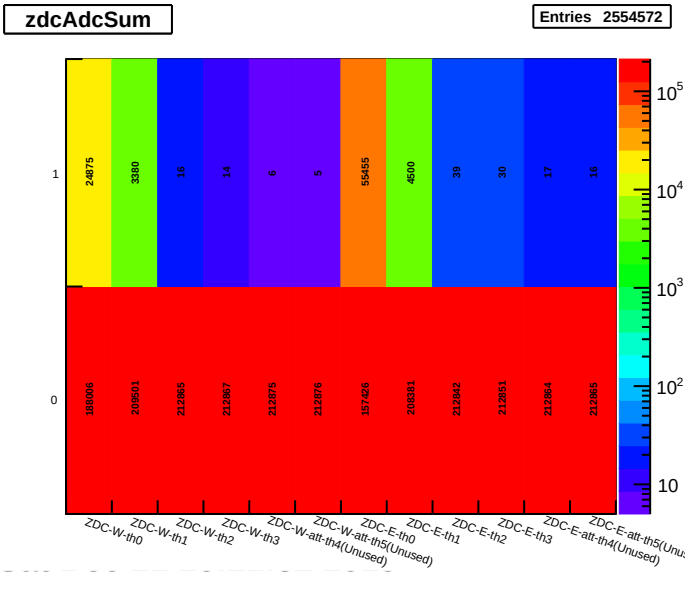

vpdWestTacMaxVsSimu
Entries 166461
Data
Simu

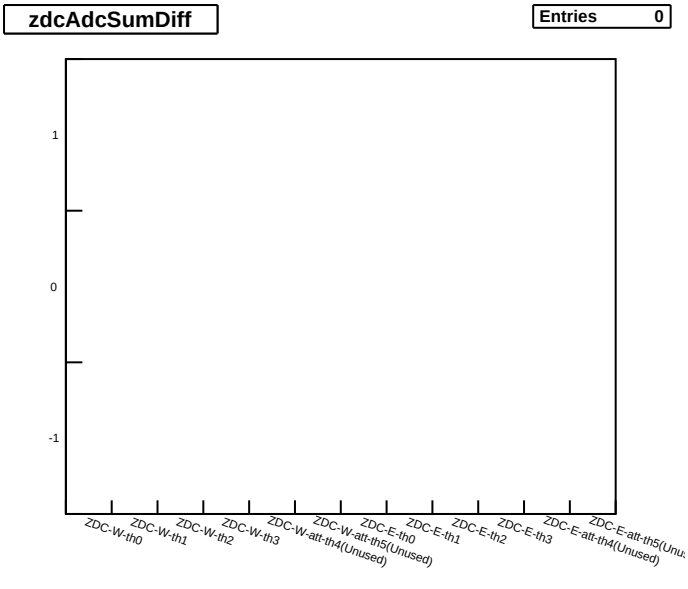

zdcEastTac
Entries 212881

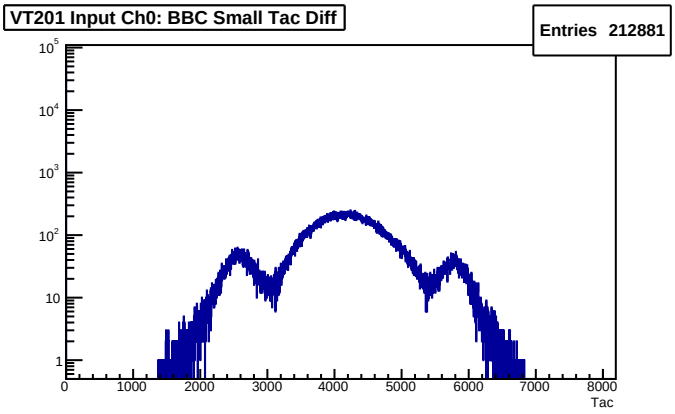

zdcEastTacVsSimu
Entries 943
Data
Simu

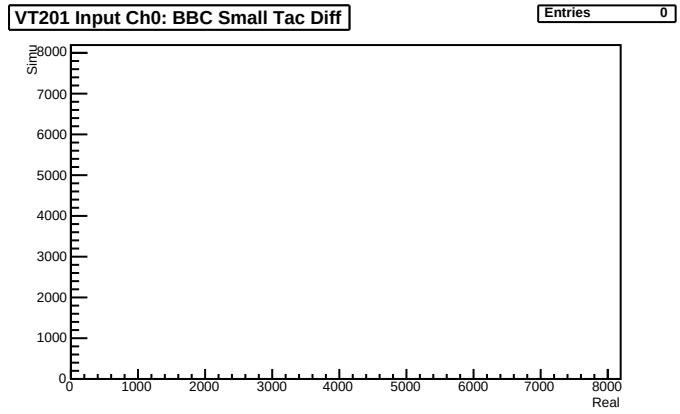

zdcWestTac
Entries 212881

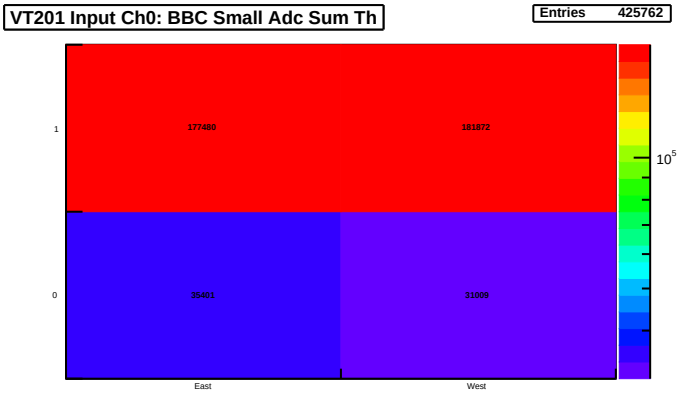

zdcWestTacVsSimu
Entries 1738
Data
Simu

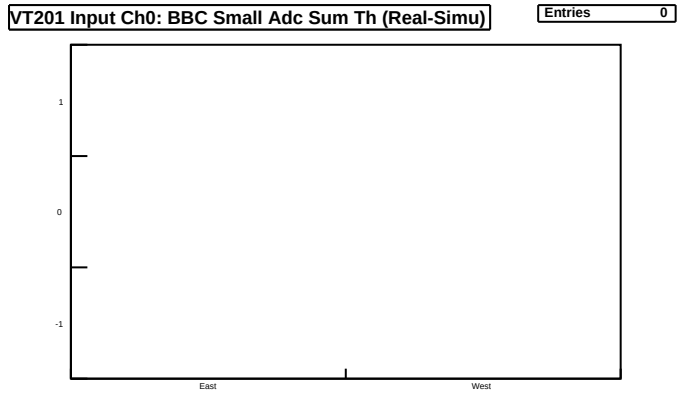

zdcAdcSum
Entries 2554572
24875
3380
16
14
6
5
55455
4500
39
30
17
16
188006
205501
212865
212867
212875
212876
157426
206381
212842
212851
212864
212865
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

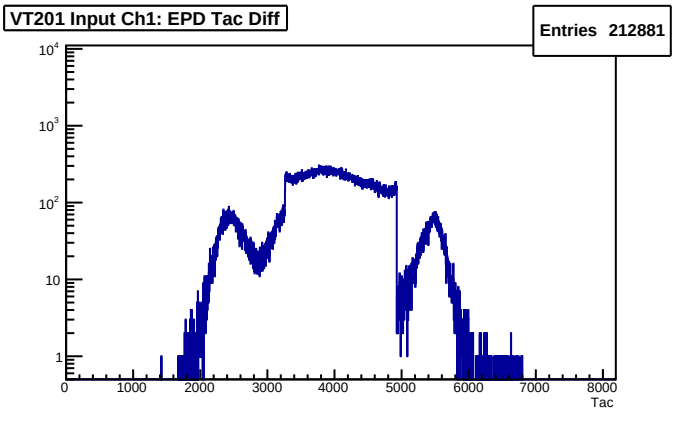

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

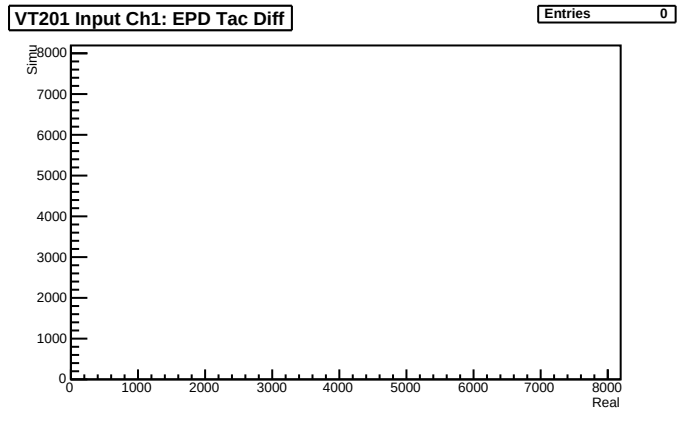

VT201 Input Ch0: BBC Small Tac Diff
Entries 212881
Tac

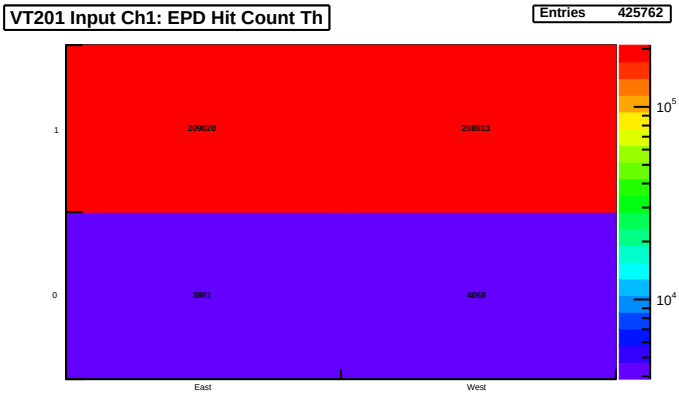

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

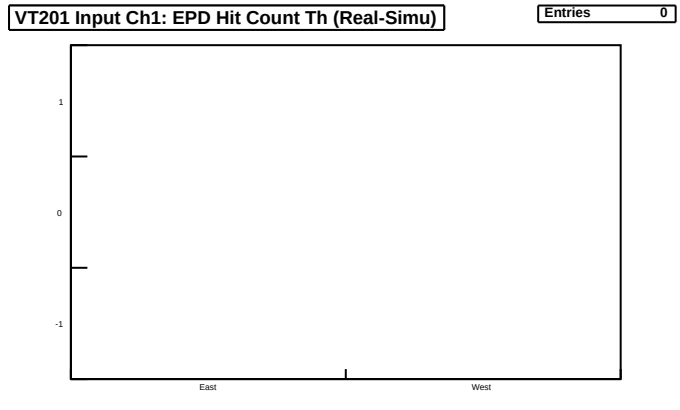

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 425762
177480
181872
35401
31009
East
West

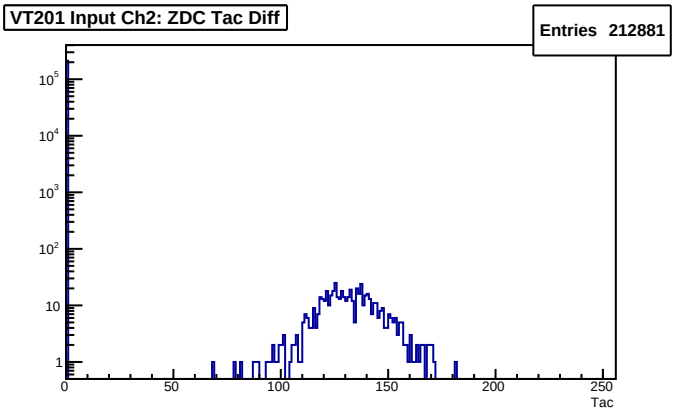

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

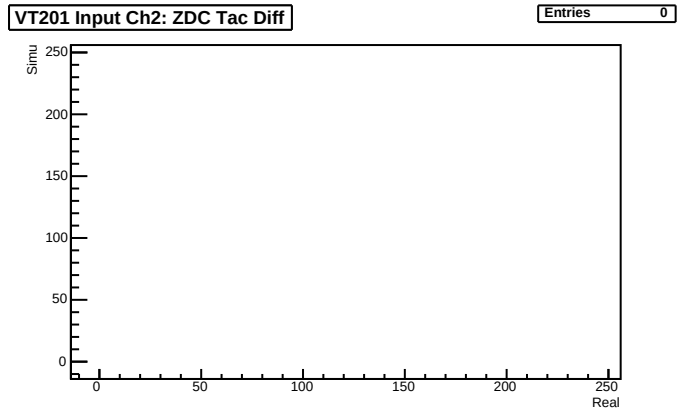

VT201 Input Ch1: EPD Tac Diff
Entries 212881
Tac

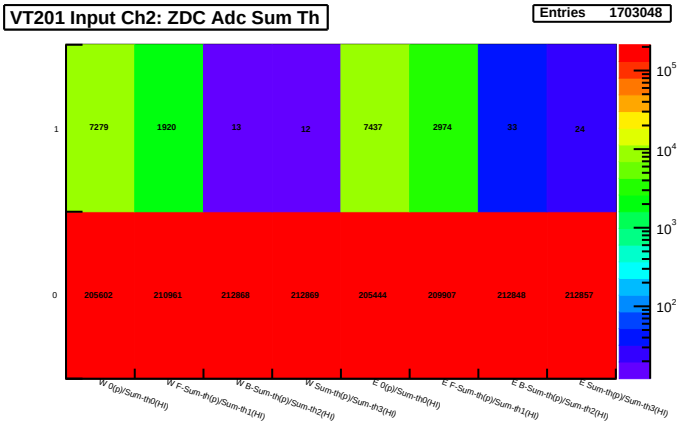

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

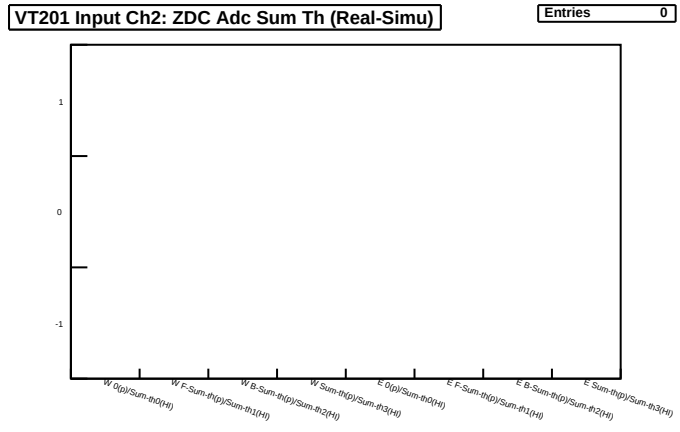

VT201 Input Ch1: EPD Hit Count Th
Entries 425762
209020
208813
3861
4068
East
West

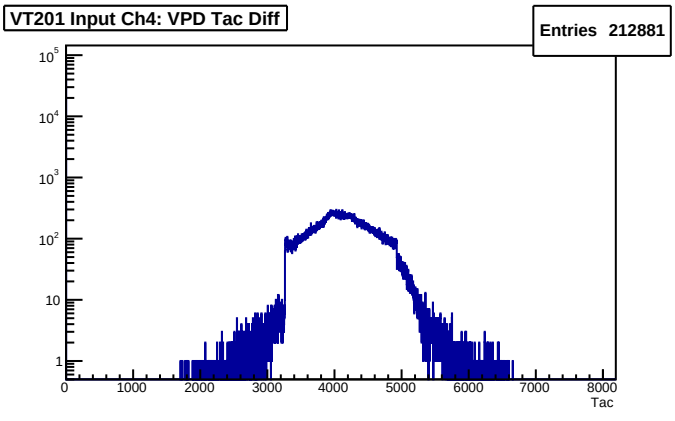

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

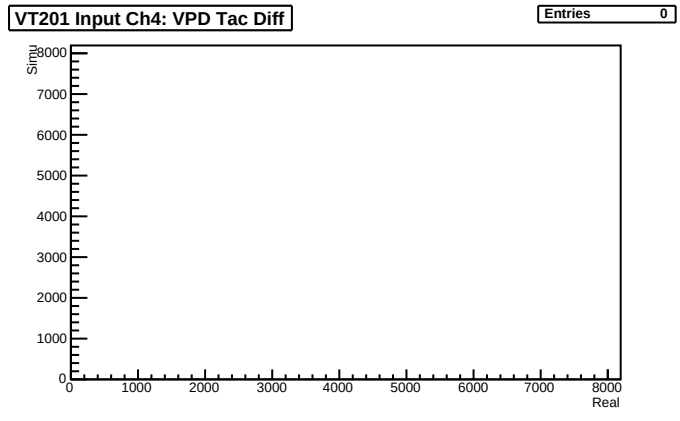

VT201 Input Ch2: ZDC Tac Diff
Entries 212881
Tac

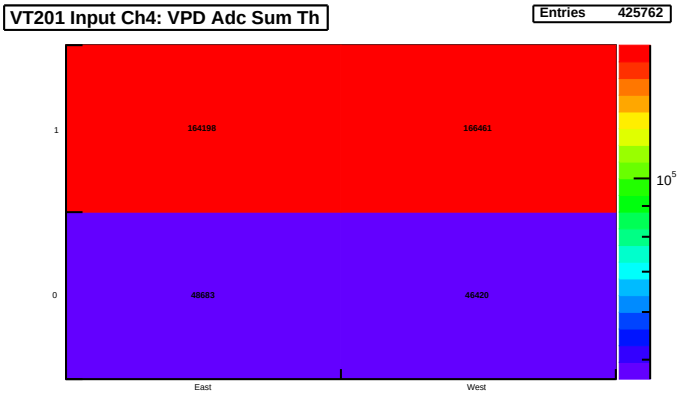

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

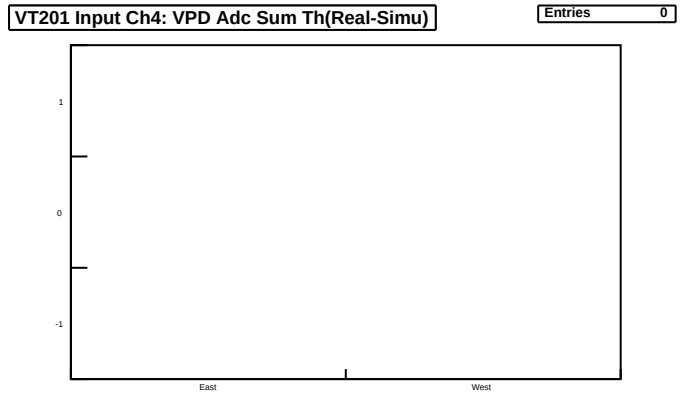

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1703048
7279
1920
13
12
7437
2974
33
24
205602
210961
212868
212869
205444
209907
212848
212857
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

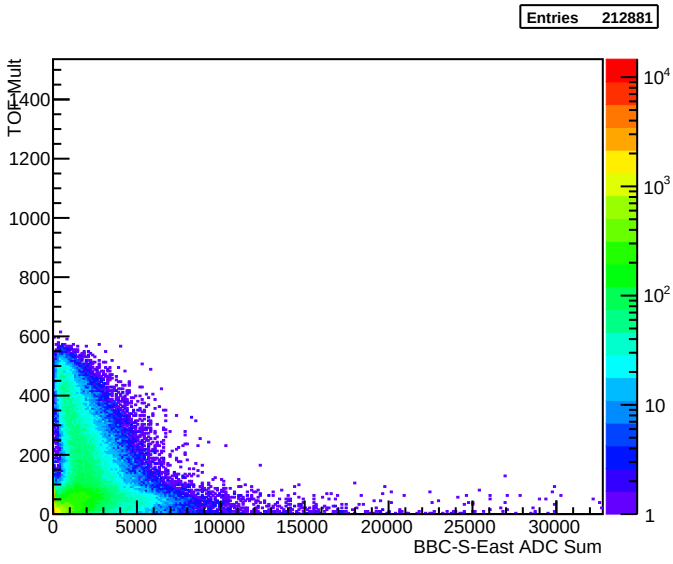

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

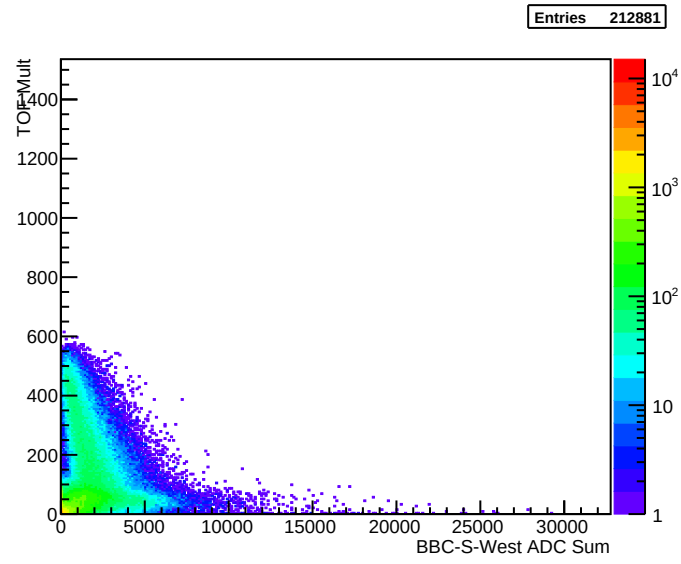

VT201 Input Ch4: VPD Tac Diff
Entries 212881
Tac

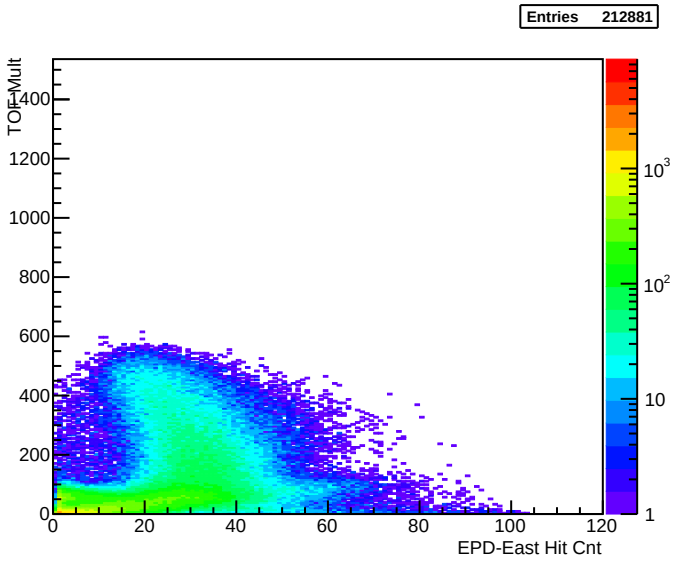

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

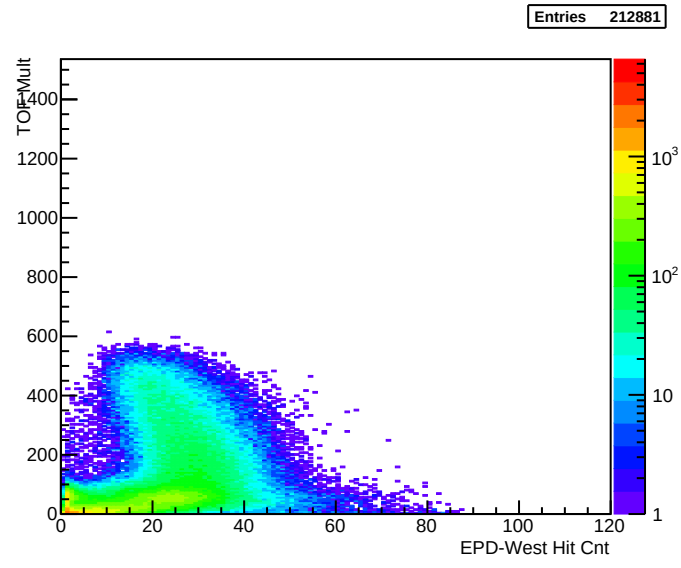

VT201 Input Ch4: VPD Adc Sum Th
Entries 425762
164198
166461
48683
46420
East
West

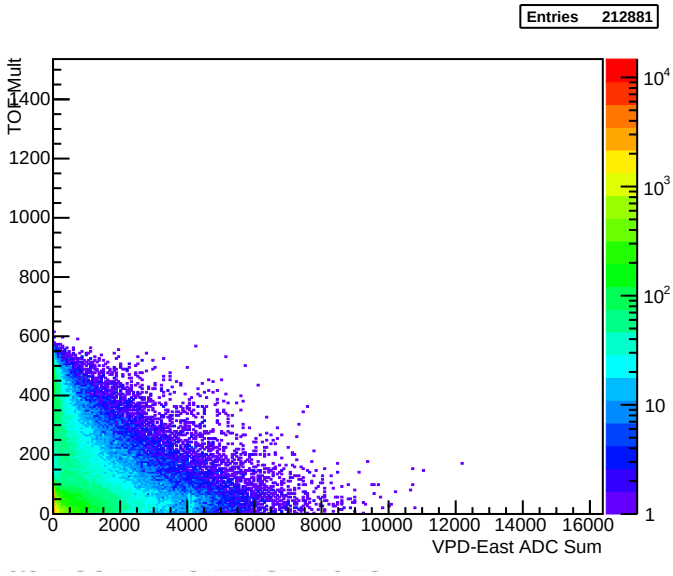

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

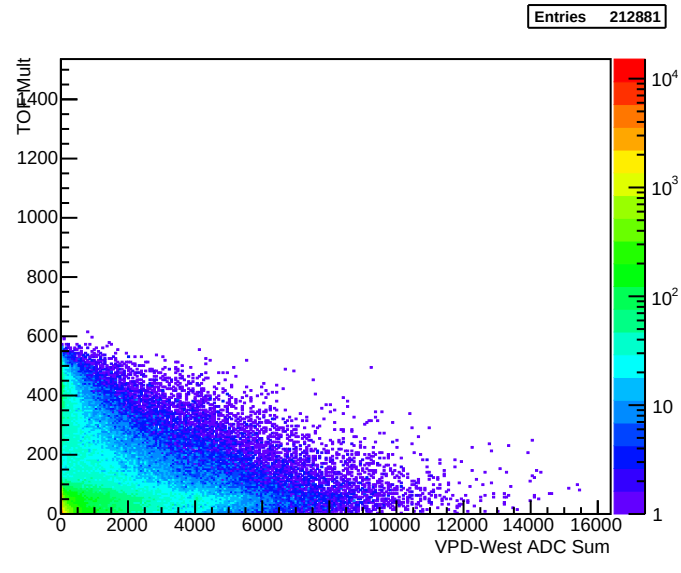

Entries 212881
TOF-Mult
BBC-S-East ADC Sum

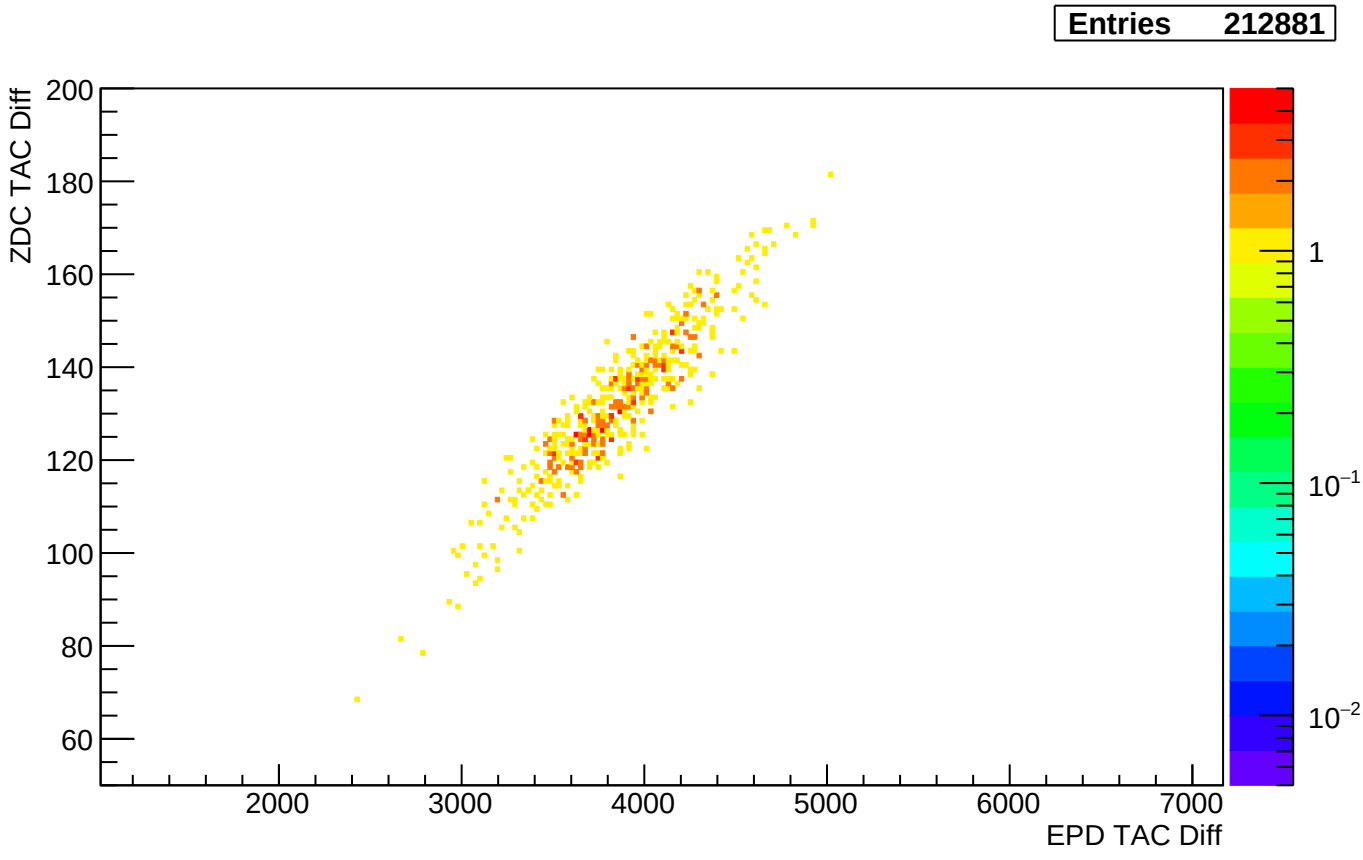

Entries 212881
TOF-Mult
BBC-S-West ADC Sum

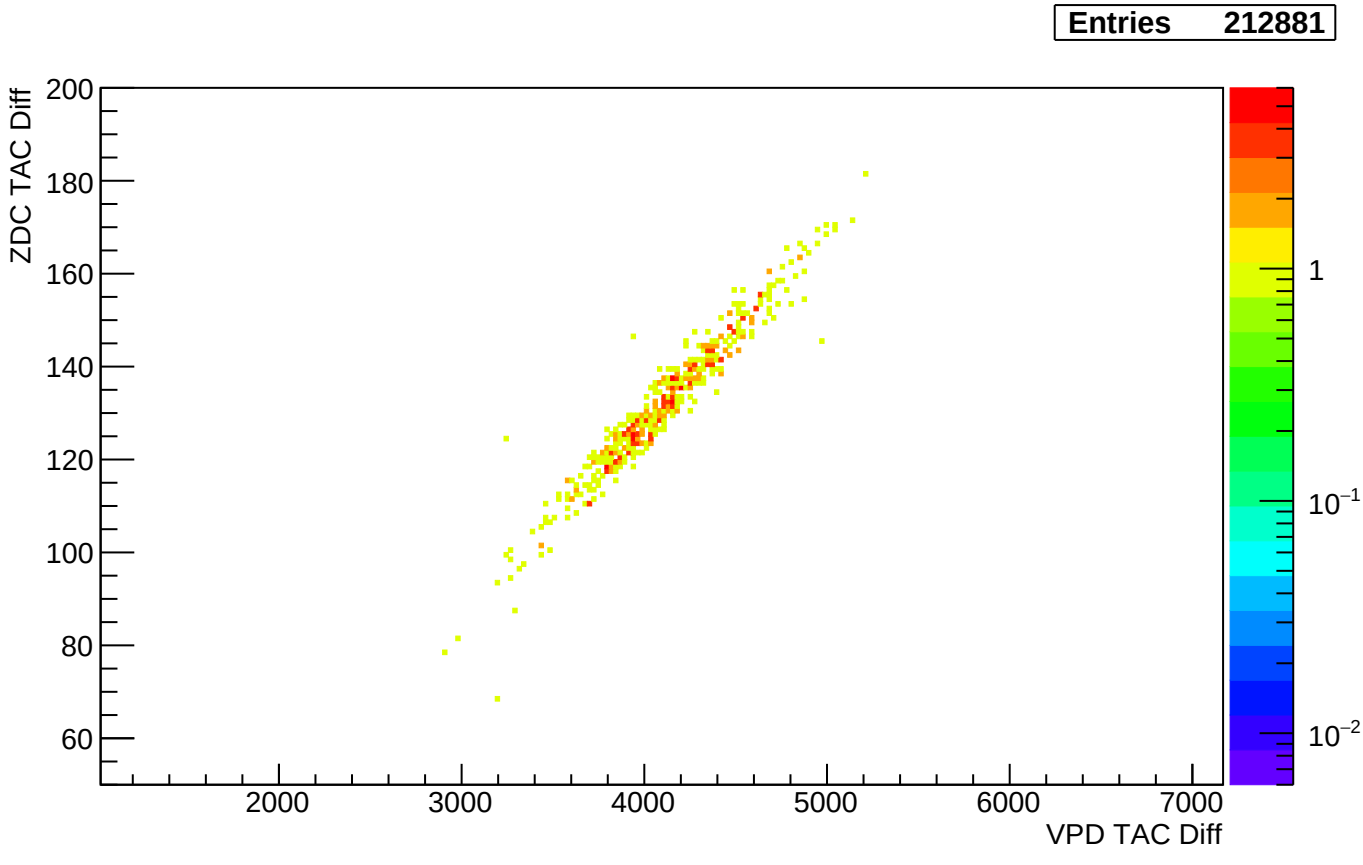

Entries 212881
TOF-Mult
EPD-East Hit Cnt

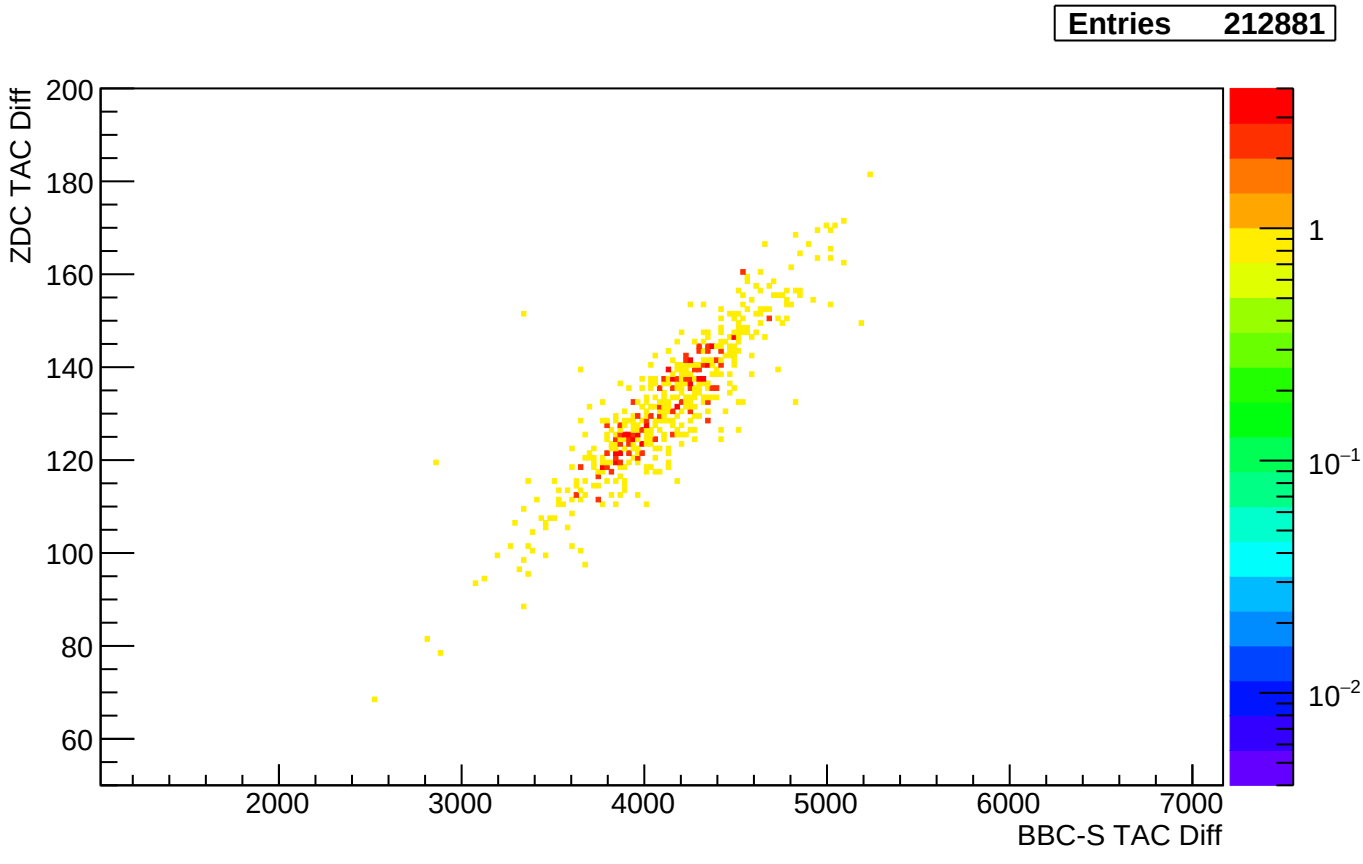

Entries 212881
TOF-Mult
EPD-West Hit Cnt

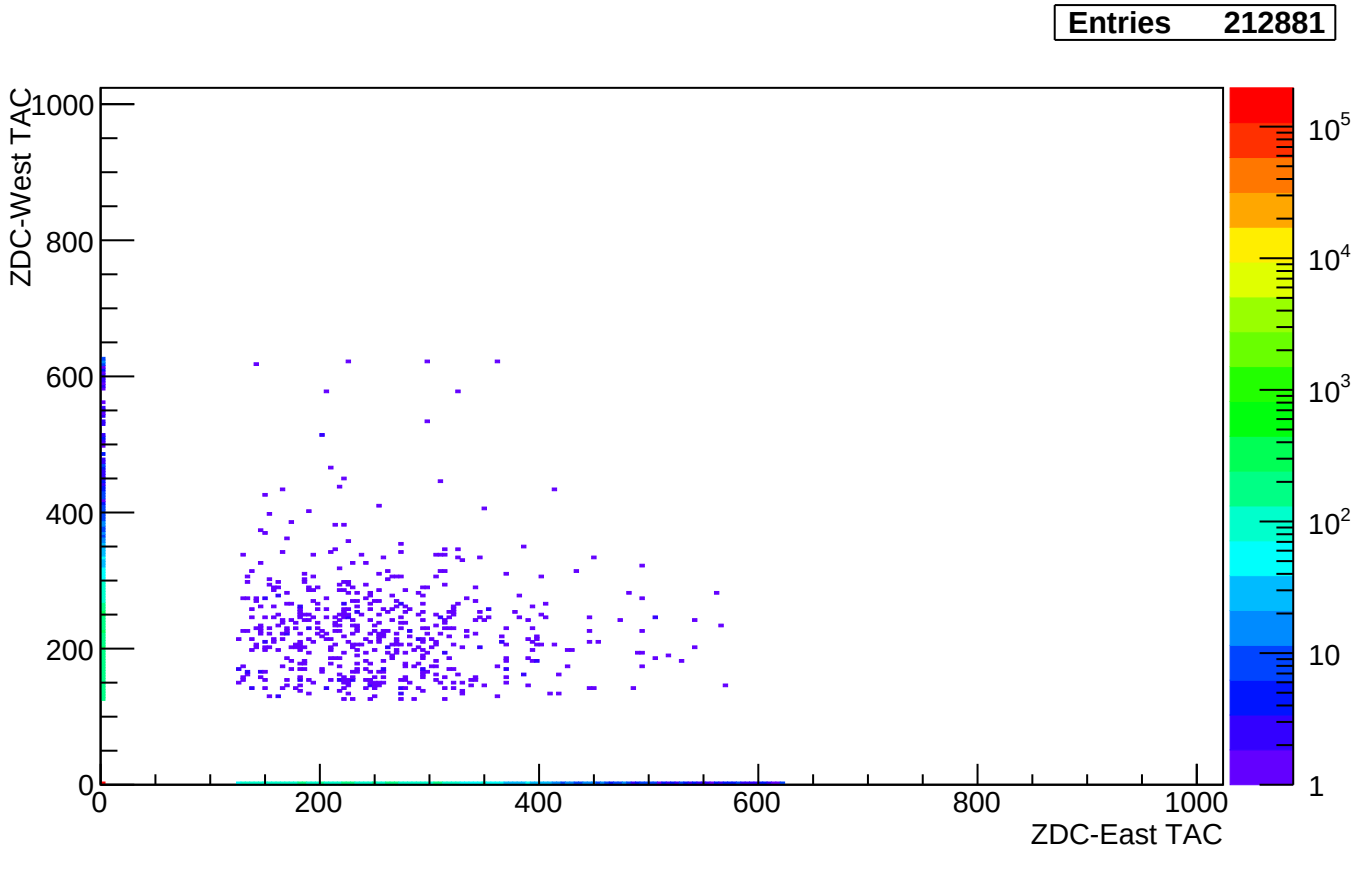

Entries 212881
TOF-Mult
VPD-East ADC Sum

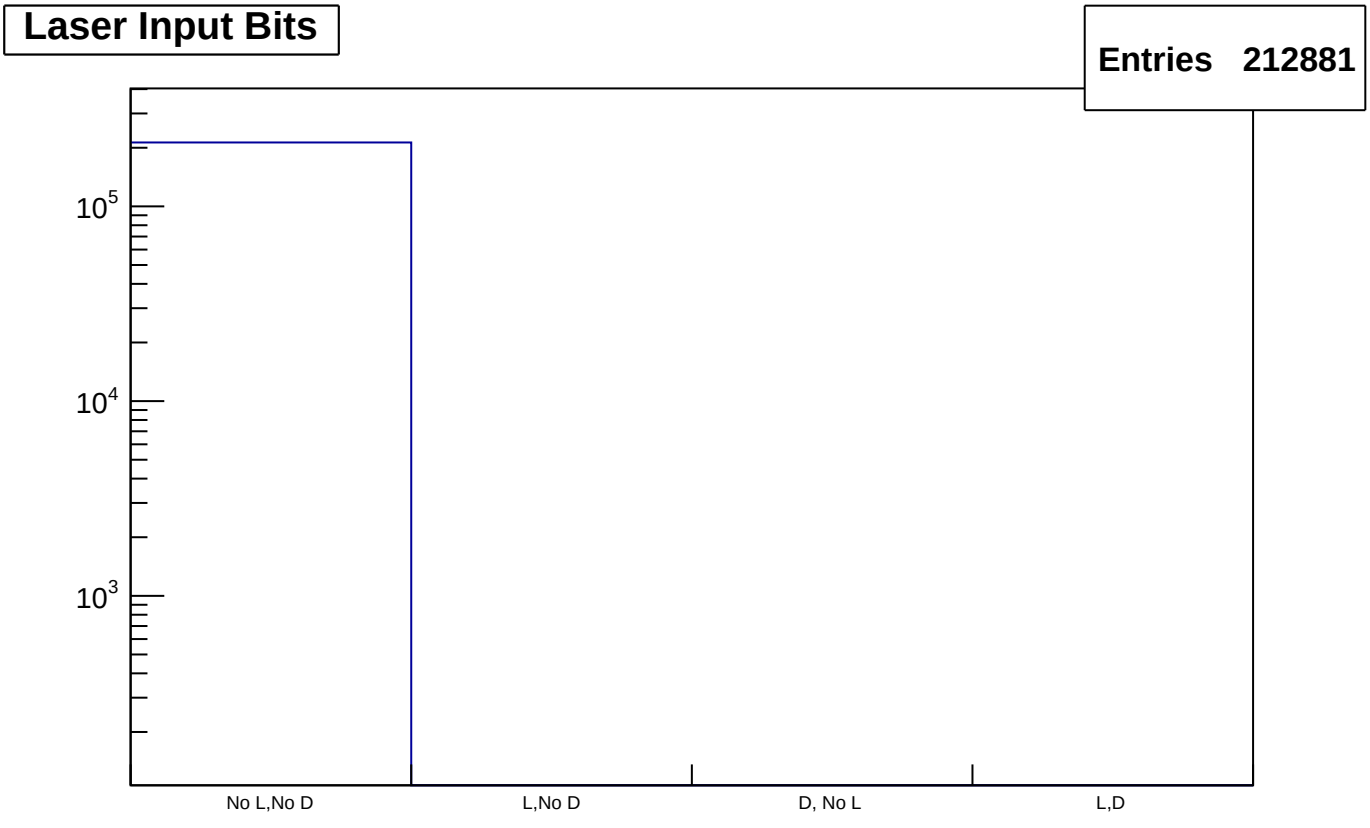

Entries 212881
TOF-Mult
VPD-West ADC Sum

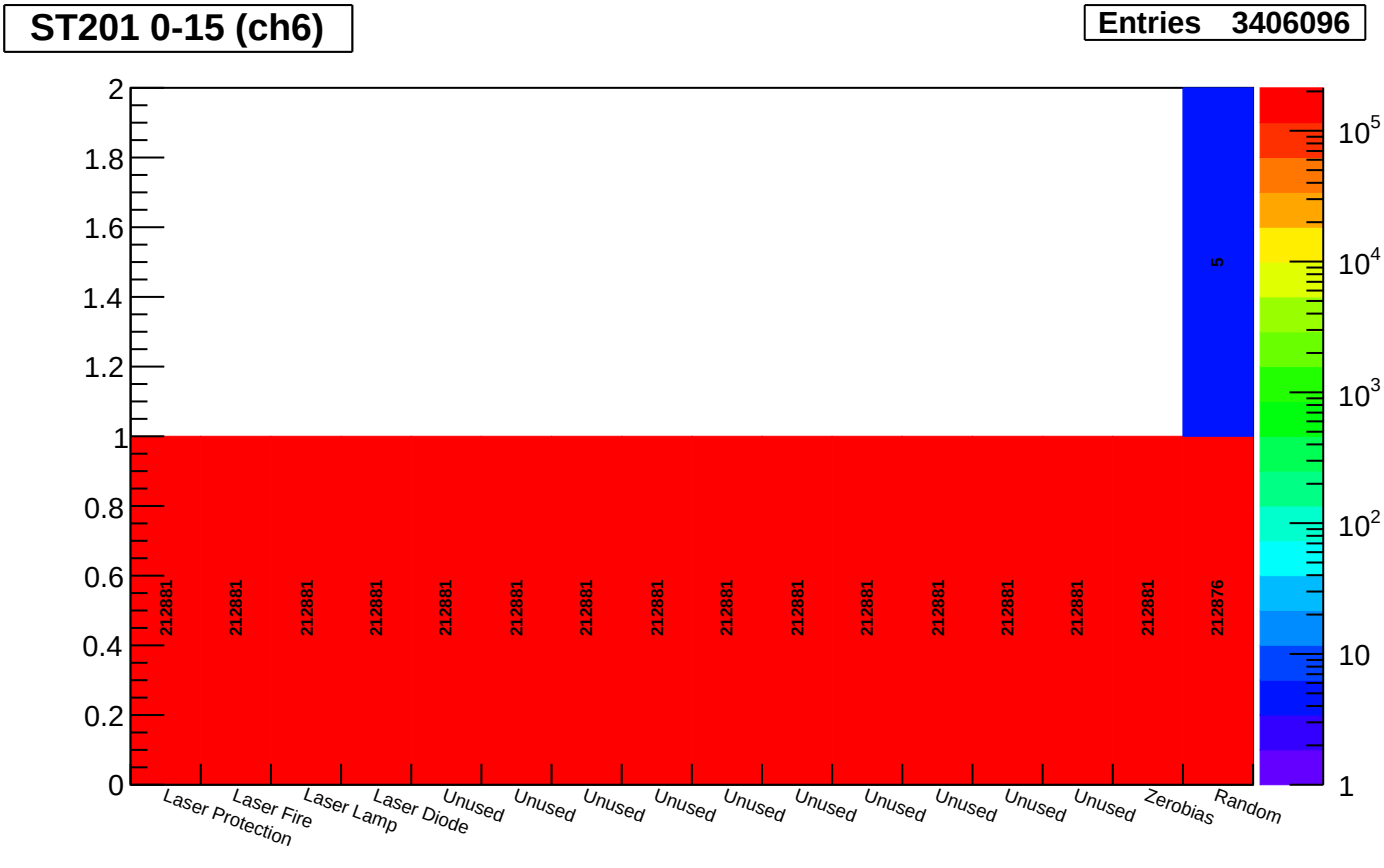

Entries 212881
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

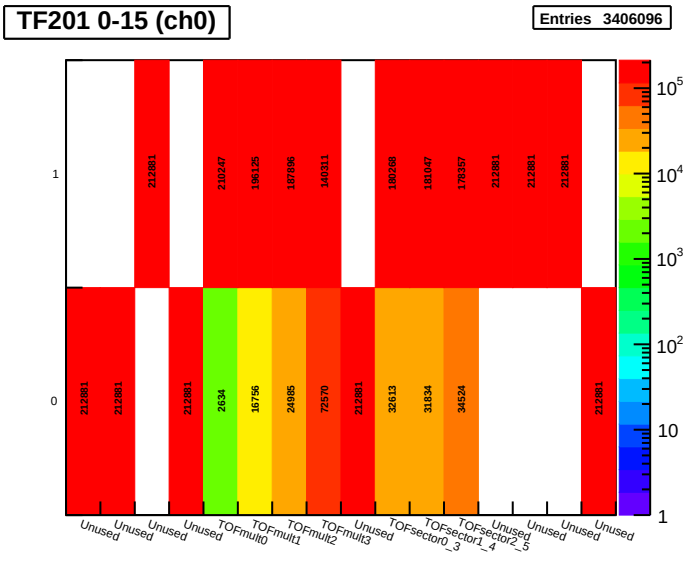

Entries 212881
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

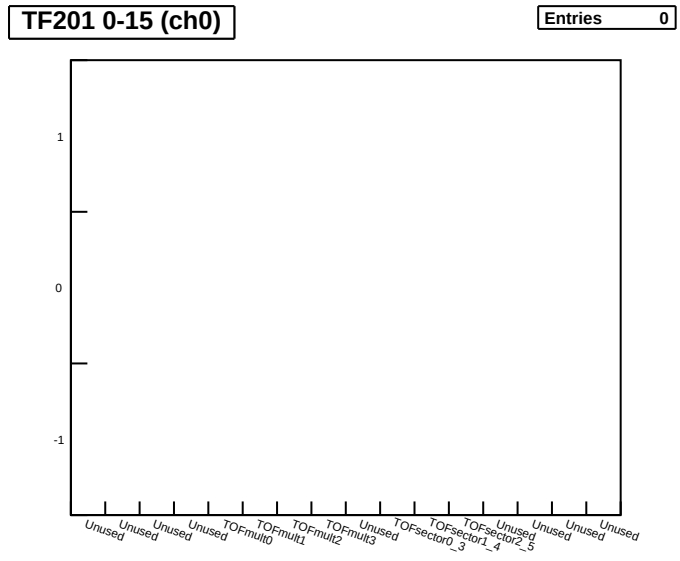

Entries 212881
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

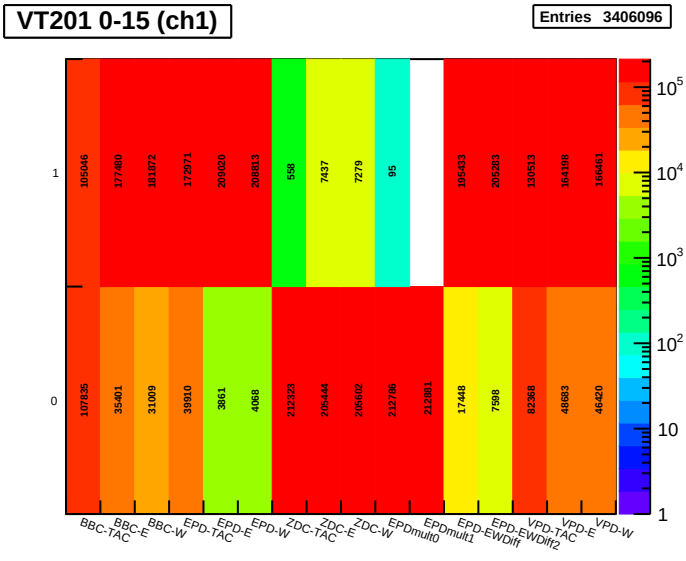

Entries 212881
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

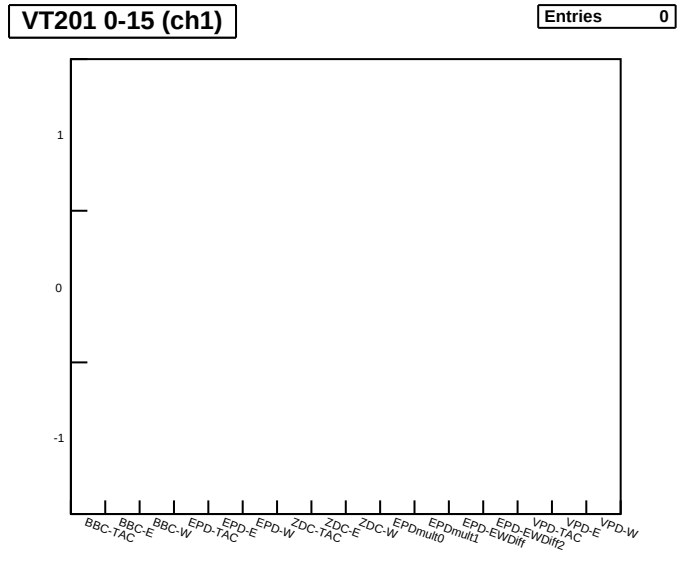

Laser Input Bits
Entries 212881
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

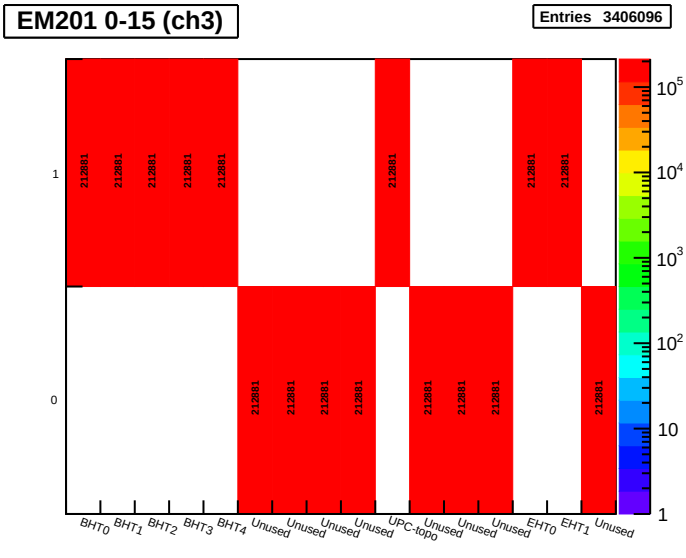

ST201 0-15 (ch6)
Entries 3406096
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
212881
212876
5
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

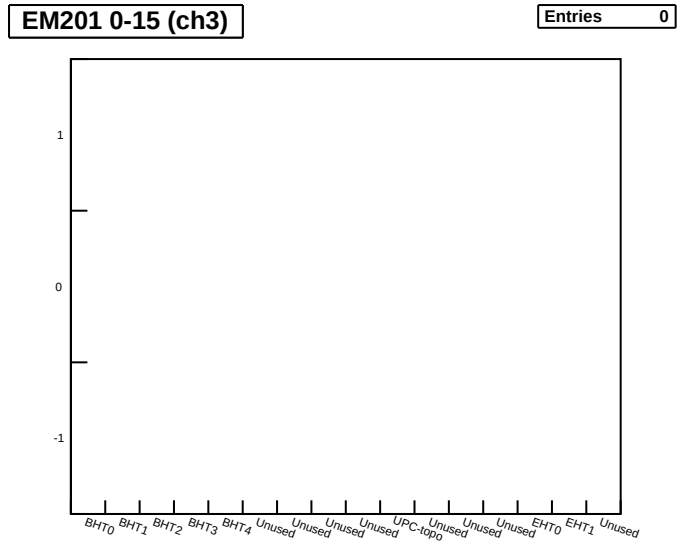

TF201 0-15 (ch0)
Entries 3406096
1
0
212881
210247
196125
187896
140311
180268
181047
178357
212881
212881
212881
212881
212881
212881
2634
16756
24985
72570
212881
32613
31834
34524
212881
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 3406096
1
0
105046
177480
181672
172971
209020
208813
558
7437
7279
95
195433
205283
130513
164198
166461
107835
35401
31009
39910
3661
4068
212323
205444
205602
212786
212881
17448
7598
82368
48683
46420
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 3406096
1
0
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
212881
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