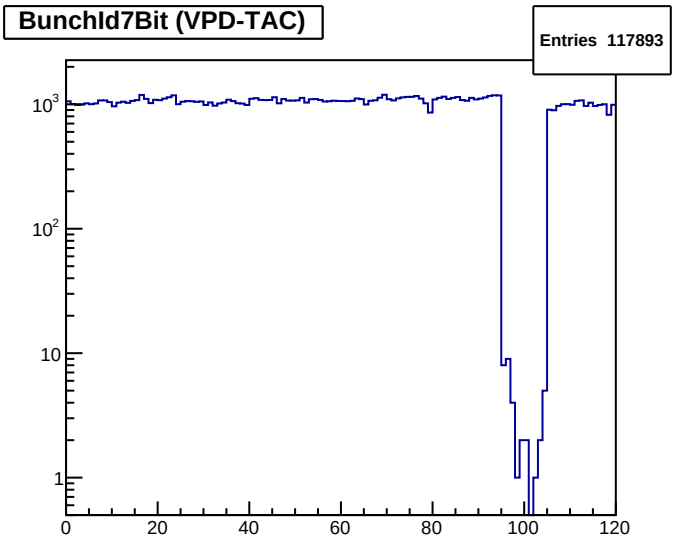
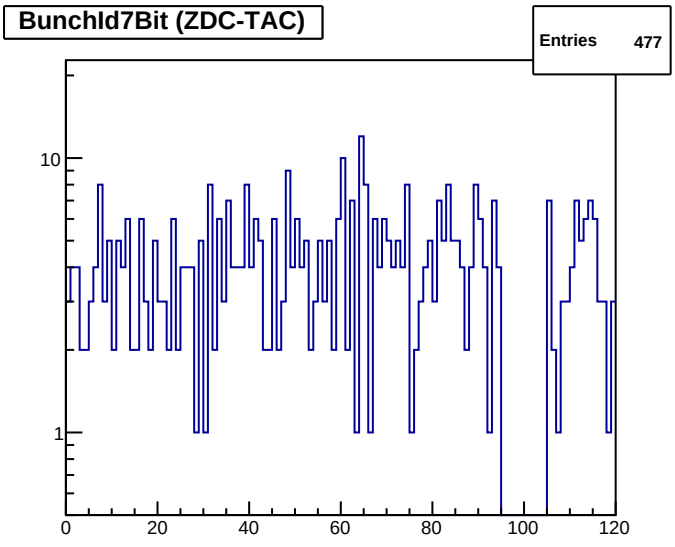
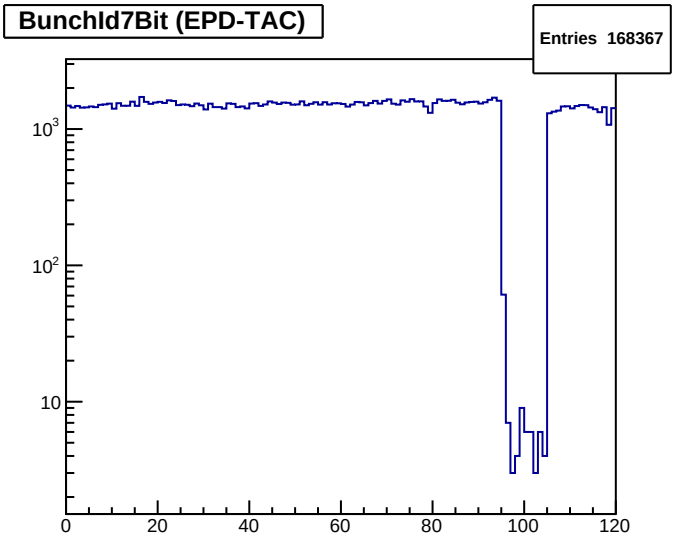
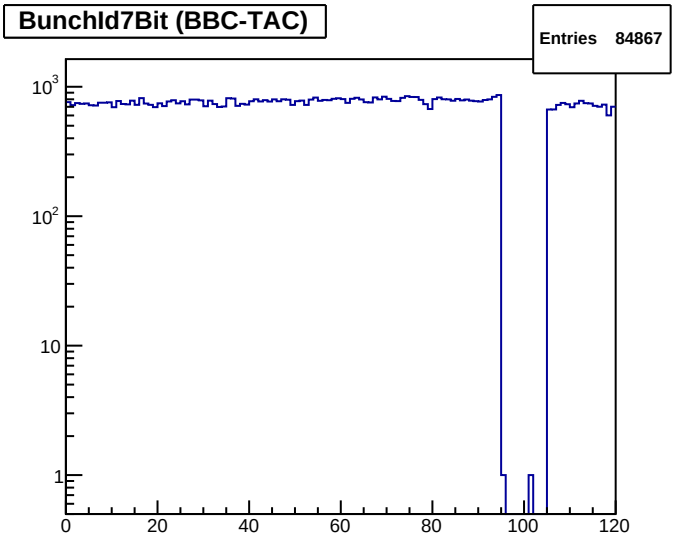
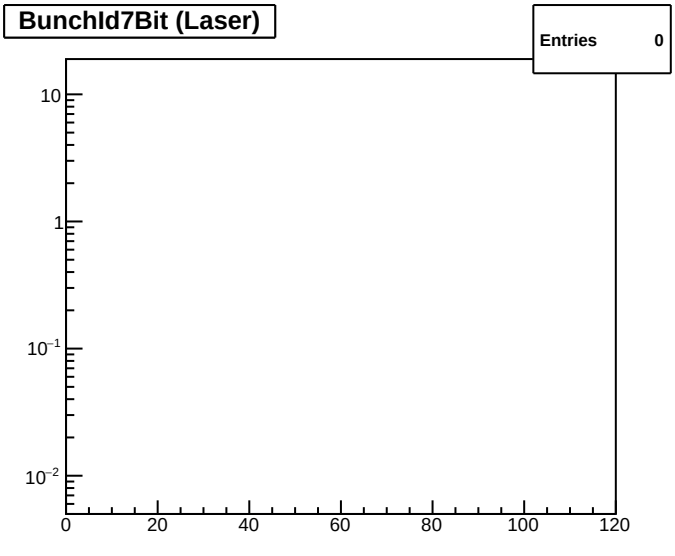
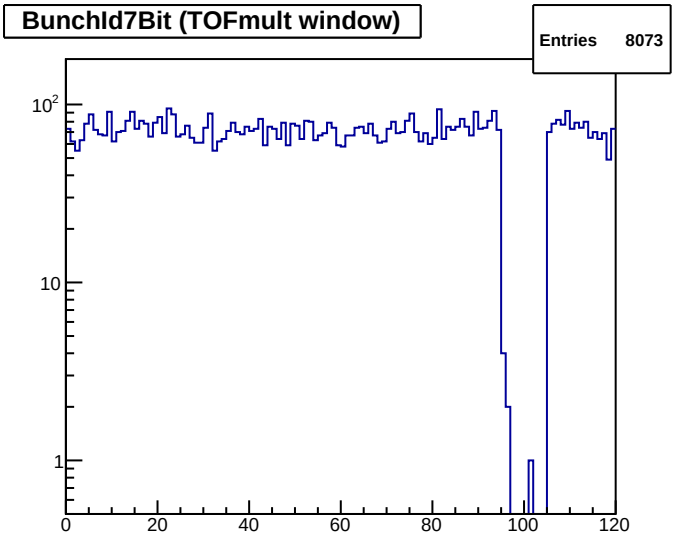

BunchId7Bit (VPD-TAC)
Entries 117893

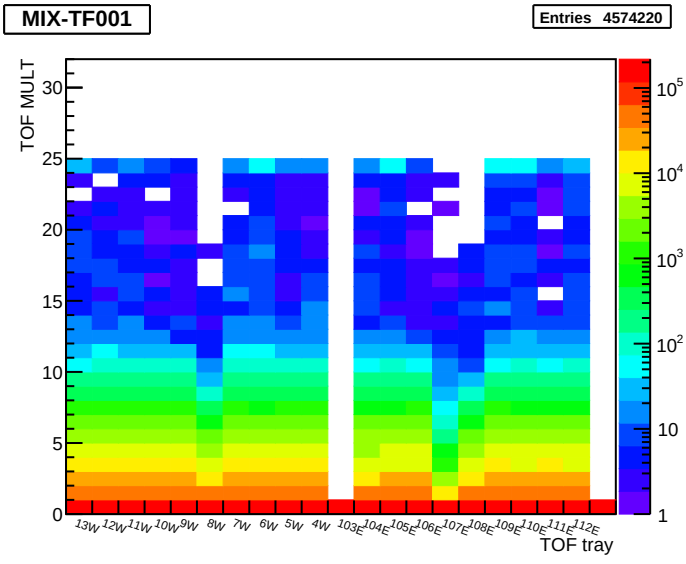

BunchId7Bit (ZDC-TAC)
Entries 477

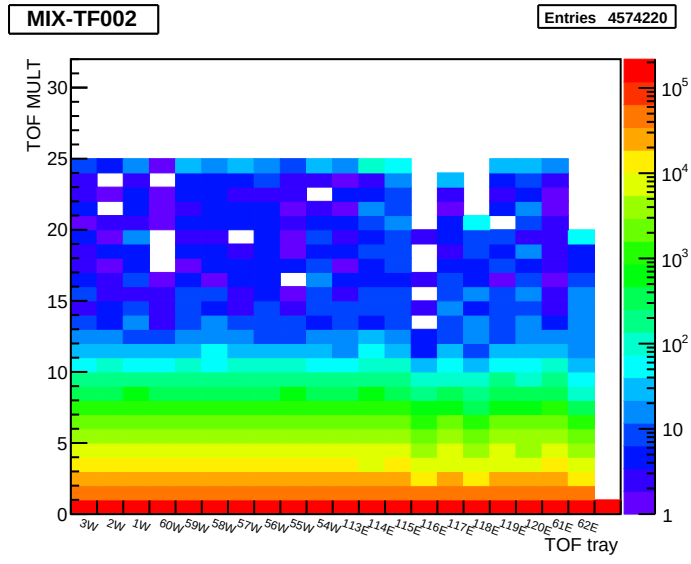

BunchId7Bit (EPD-TAC)
Entries 168367

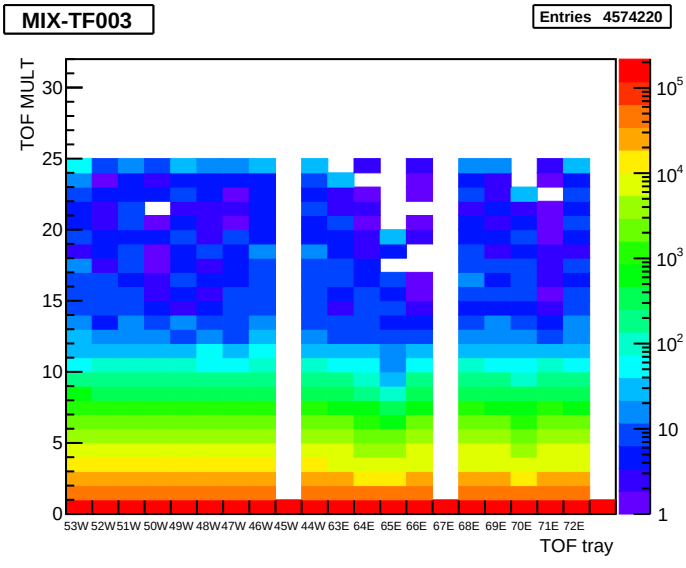

BunchId7Bit (BBC-TAC)
Entries 84867

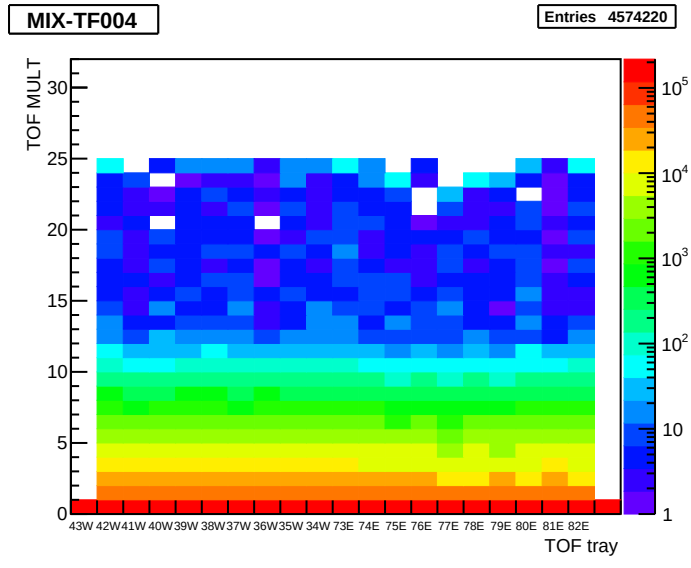

BunchId7Bit (Laser)
Entries 0

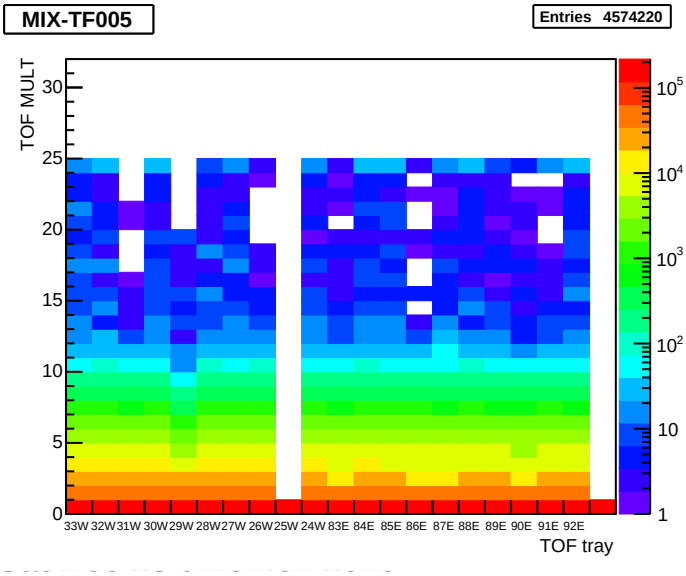

BunchId7Bit (TOFmult window)
Entries 8073

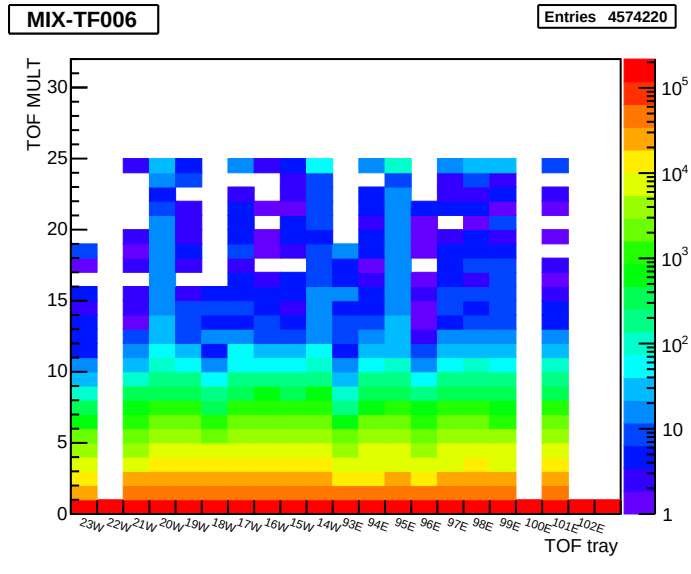

MIX-TF001
Entries 4574220
TOF MULT
TOF tray

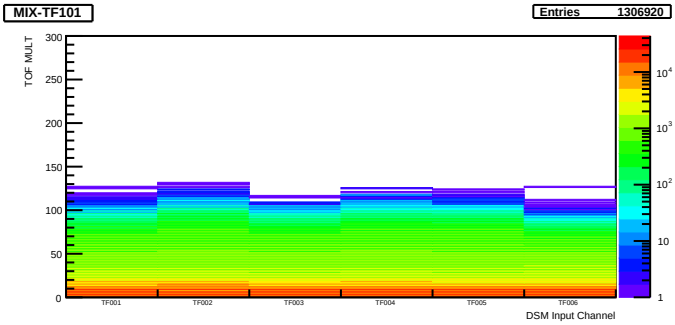

MIX-TF002
Entries 4574220
TOF MULT
TOF tray

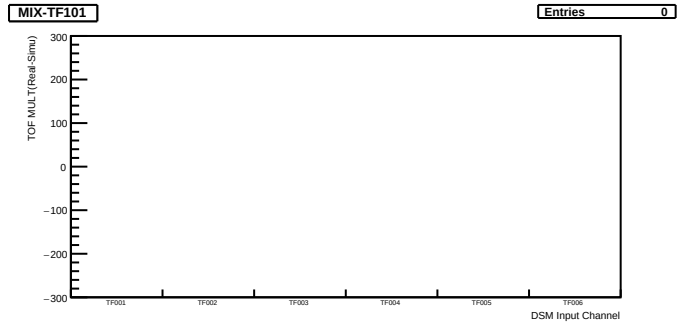

MIX-TF003
Entries 4574220
TOF MULT
TOF tray

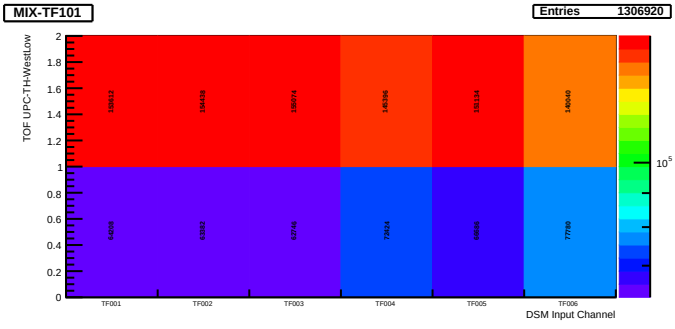

MIX-TF004
Entries 4574220
TOF MULT
TOF tray

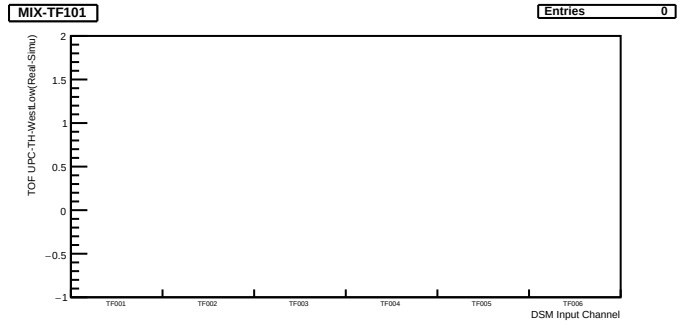

MIX-TF005
Entries 4574220
TOF MULT
TOF tray

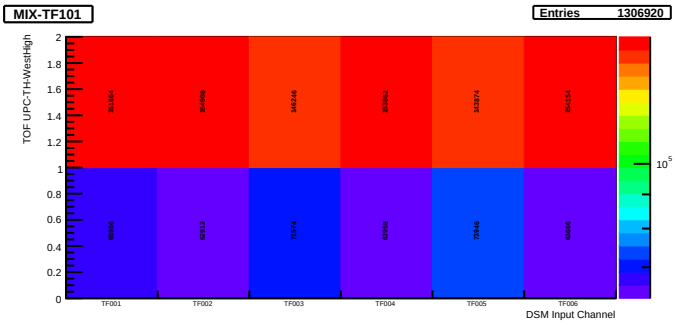

MIX-TF006
Entries 4574220
TOF MULT
TOF tray

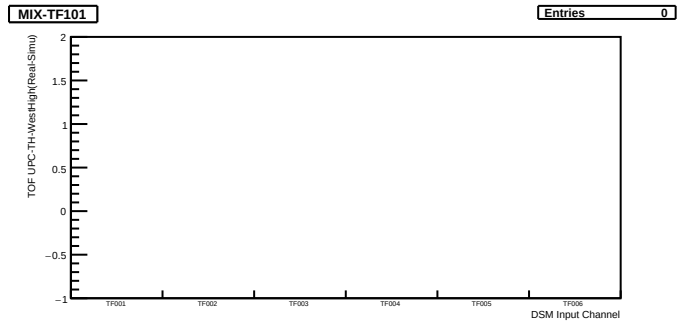

MIX-TF101
Entries 1306920
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

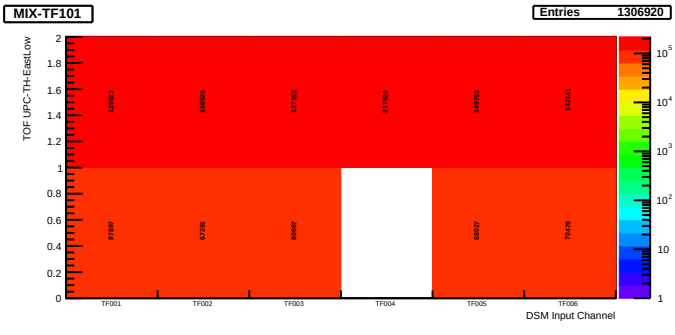

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

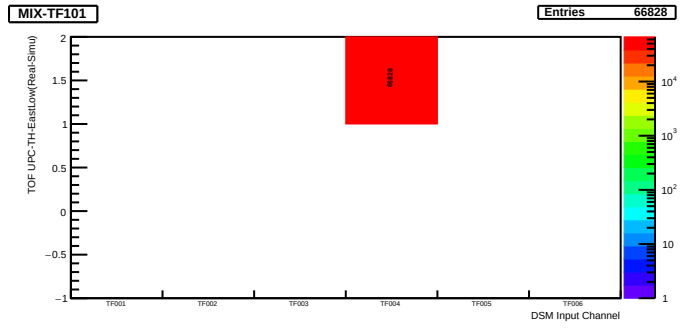

MIX-TF101
Entries 1306920
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

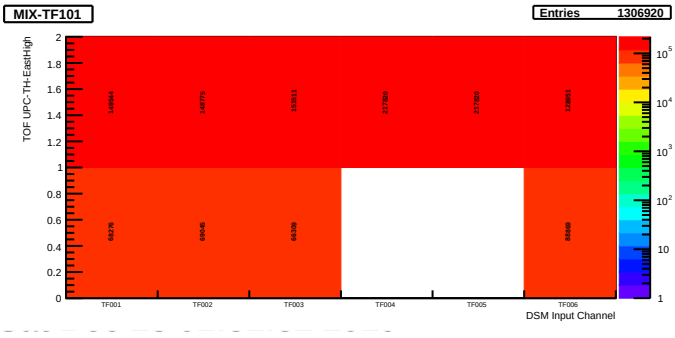

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

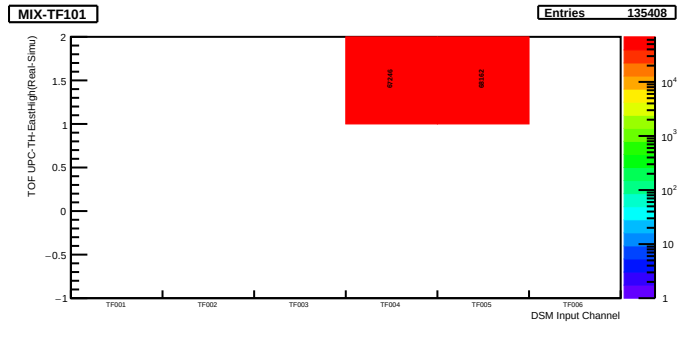

MIX-TF101
Entries 1306920
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

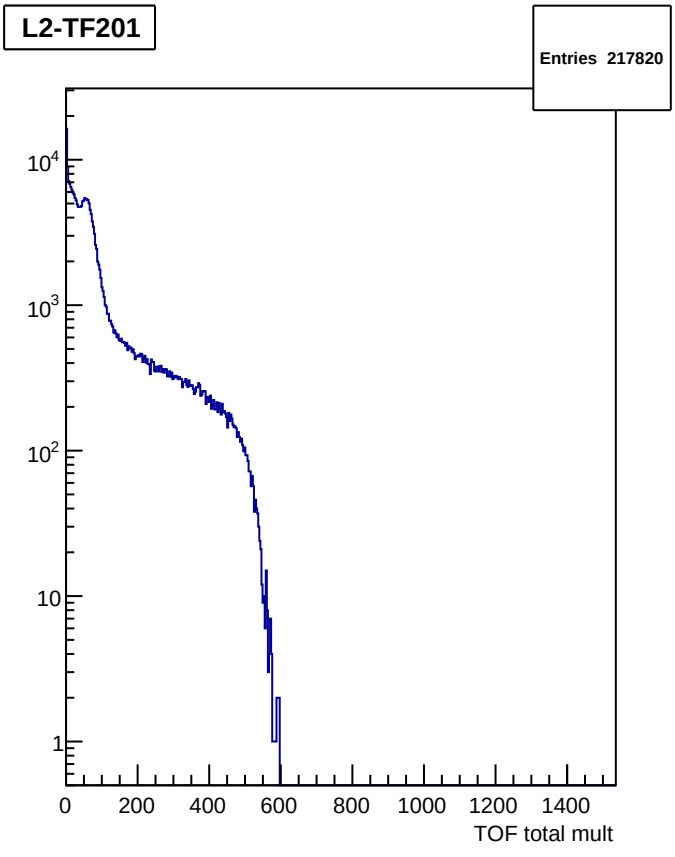

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

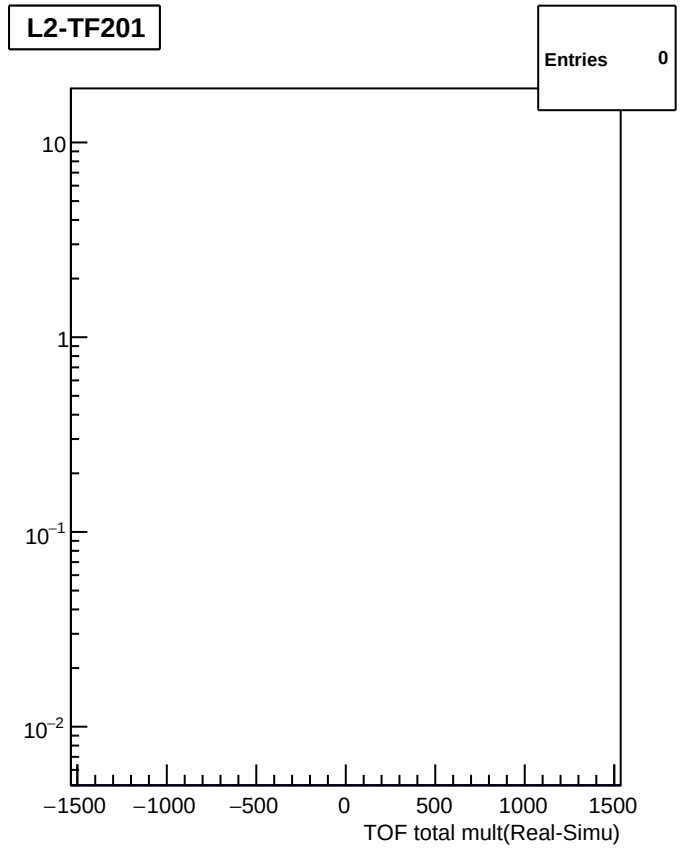

MIX-TF101
Entries 1306920
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

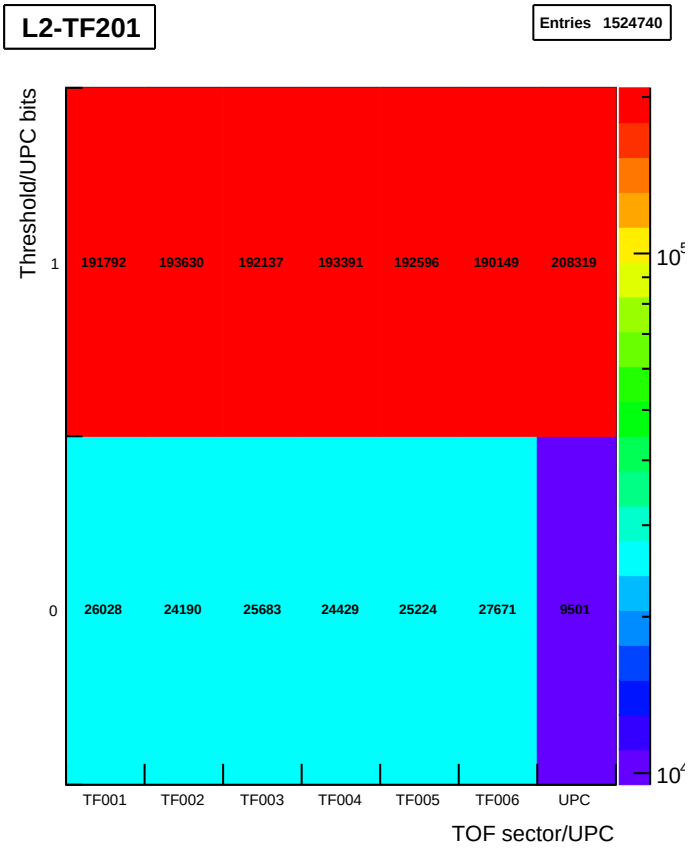

MIX-TF101
Entries 66828
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

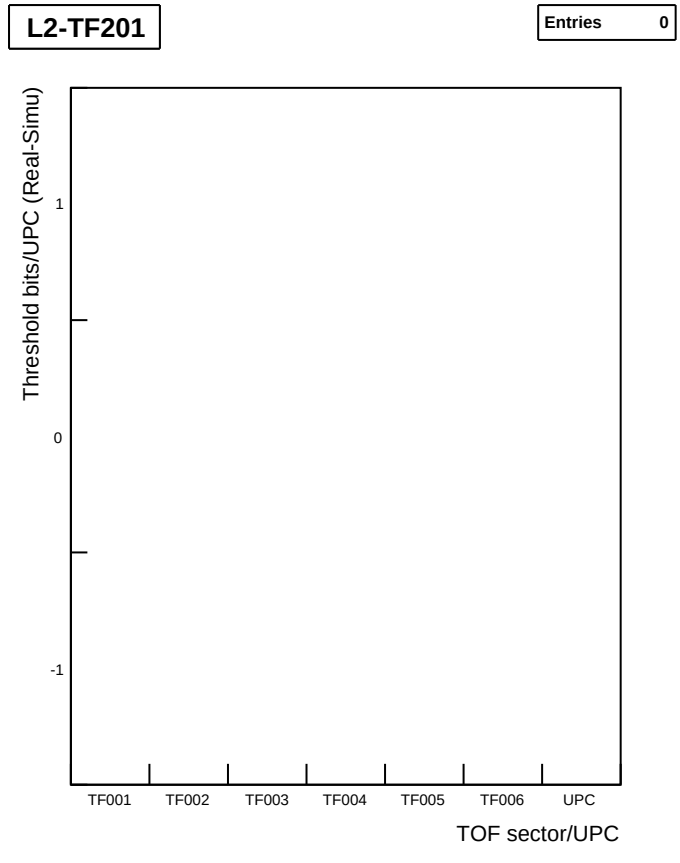

MIX-TF101
Entries 1306920
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

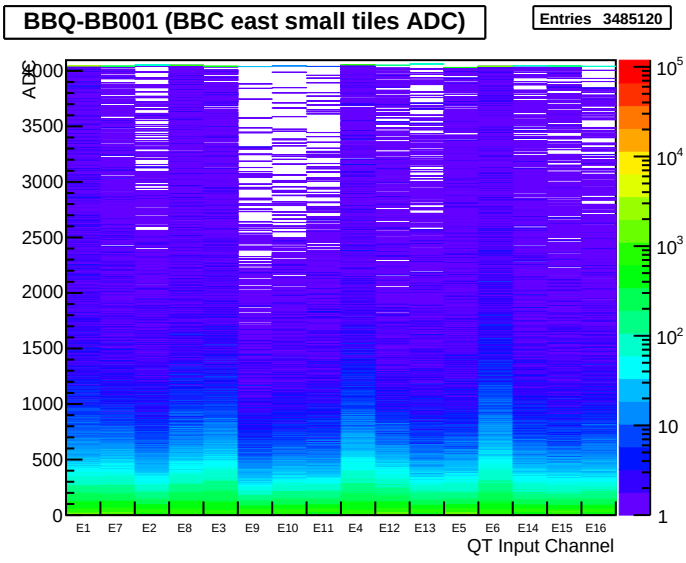

MIX-TF101
Entries 135408
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

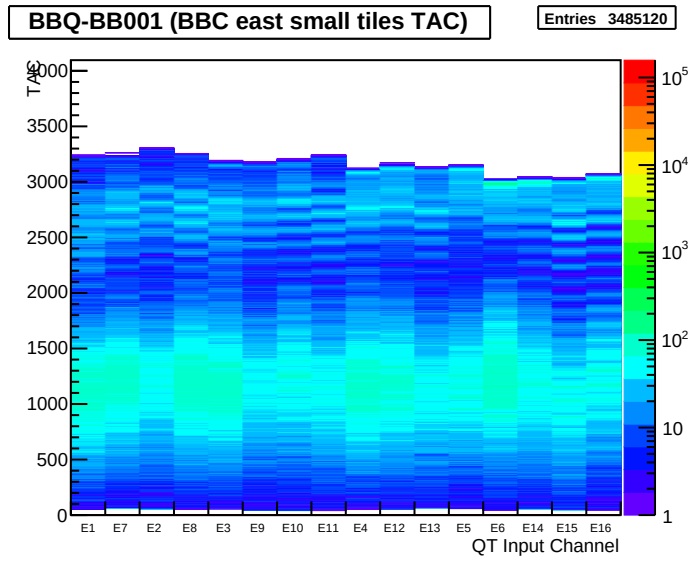

L2-TF201
Entries 217820
TOF total mult

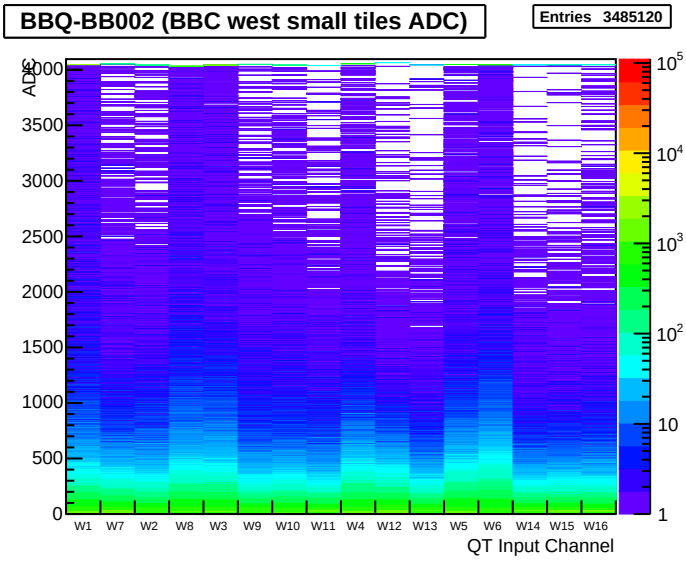

L2-TF201
Entries 0
TOF total mult(Real-Simu)

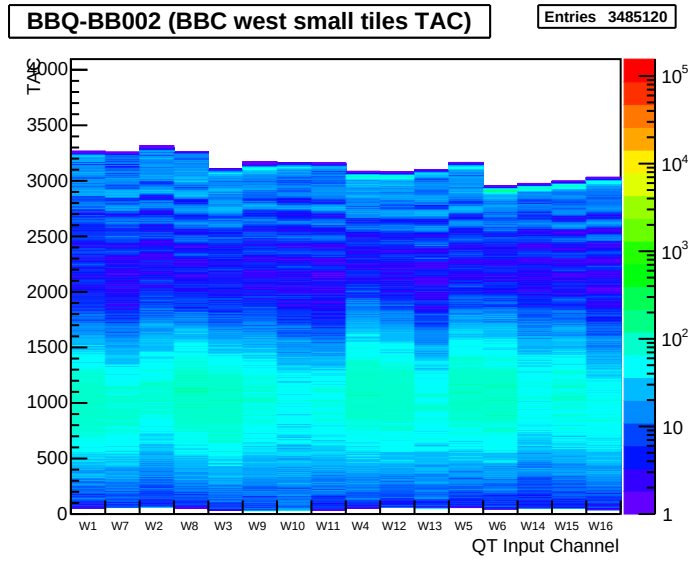

L2-TF201
Entries 1524740
Threshold/UPC bits
191792
193630
192137
193391
192596
190149
208319
26028
24190
25683
24429
25224
27671
9501
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

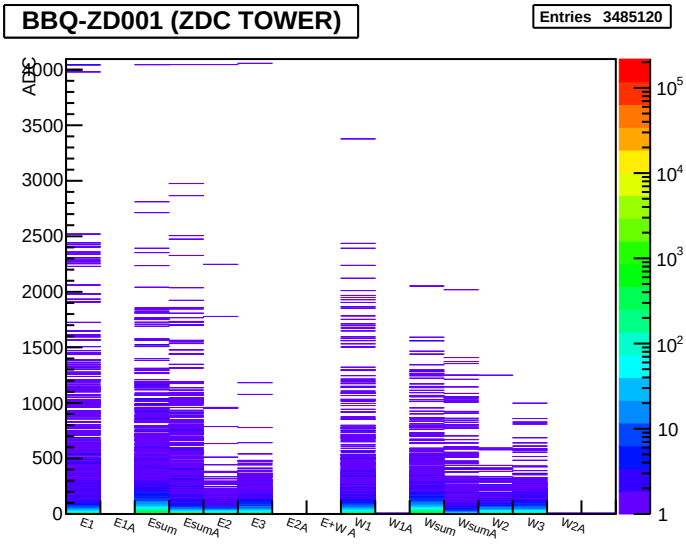

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

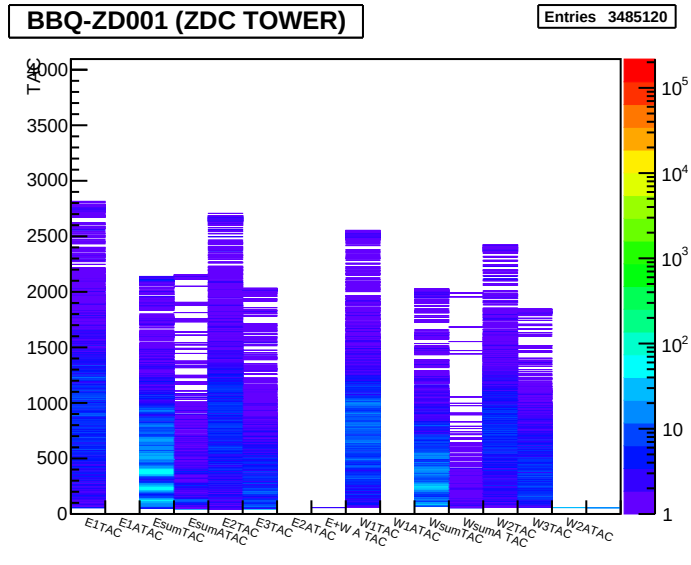

BBQ-BB001 (BBC east small tiles ADC)
Entries 3485120
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

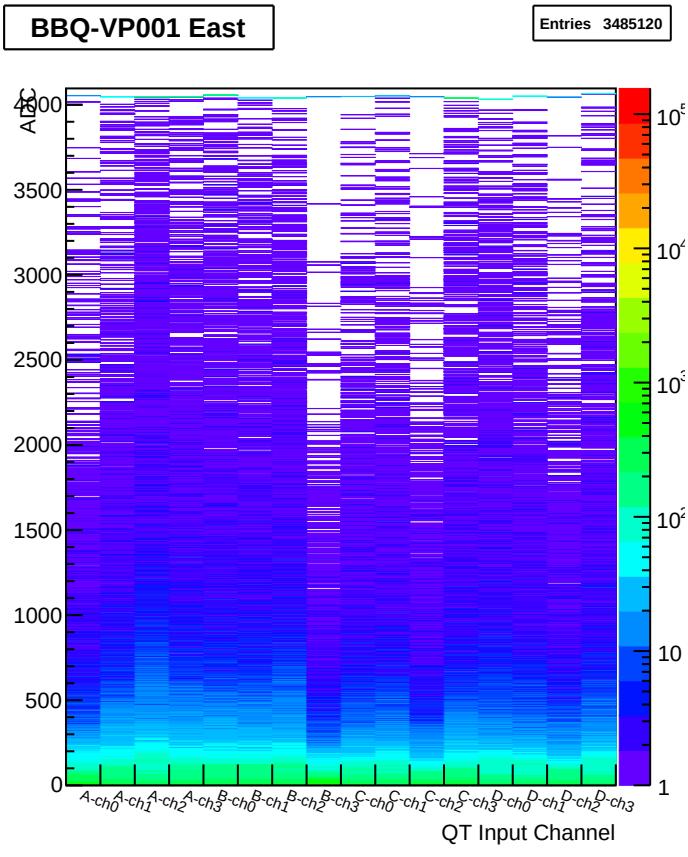

BBQ-BB001 (BBC east small tiles TAC)
Entries 3485120
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

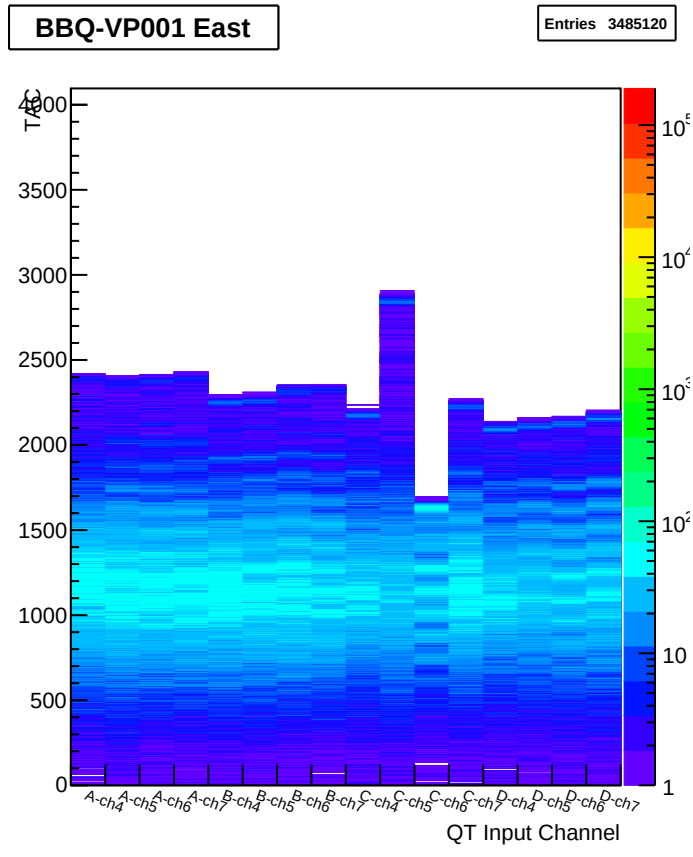

BBQ-BB002 (BBC west small tiles ADC)
Entries 3485120
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

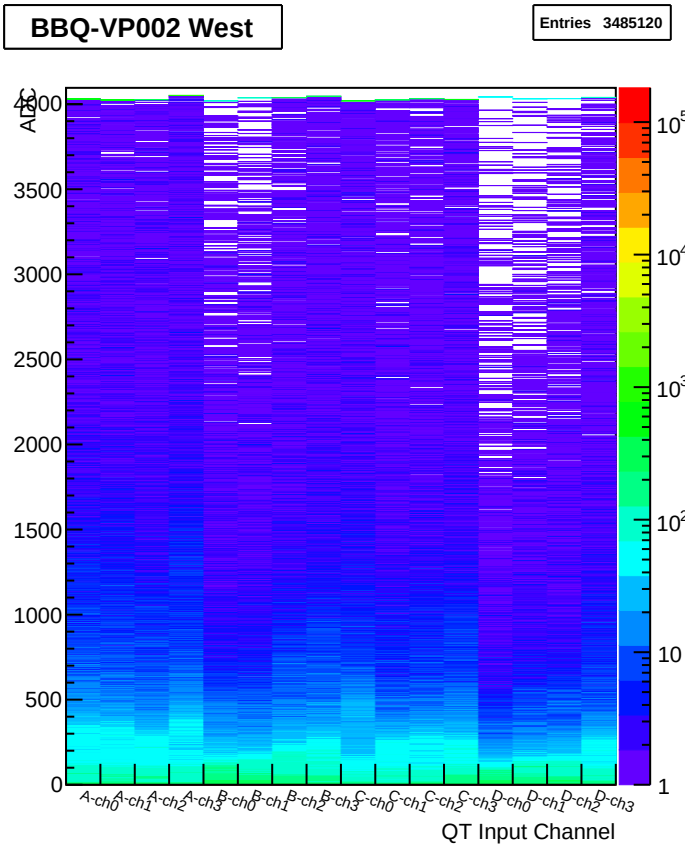

BBQ-BB002 (BBC west small tiles TAC)
Entries 3485120
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

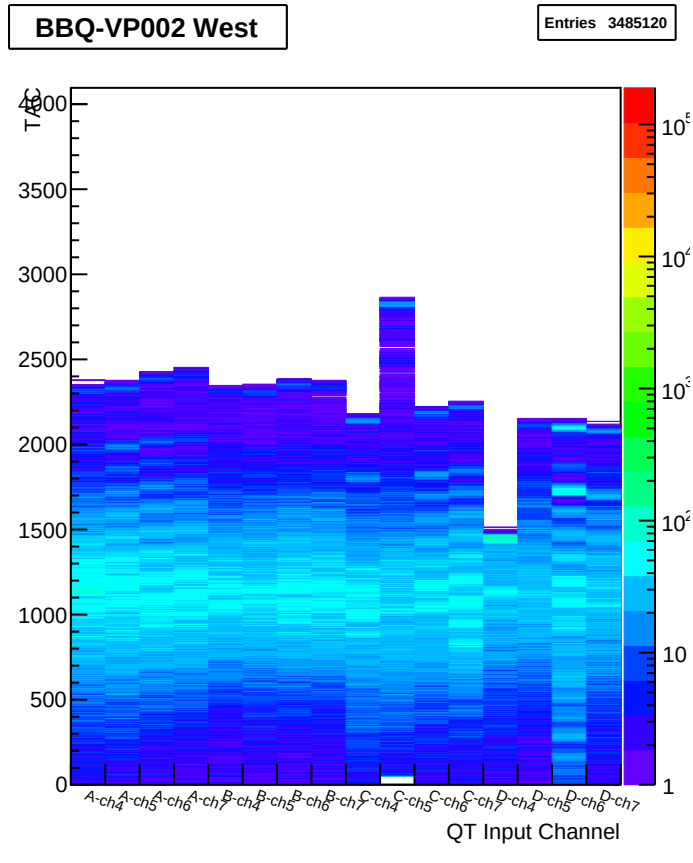

BBQ-ZD001 (ZDC TOWER)
Entries 3485120
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

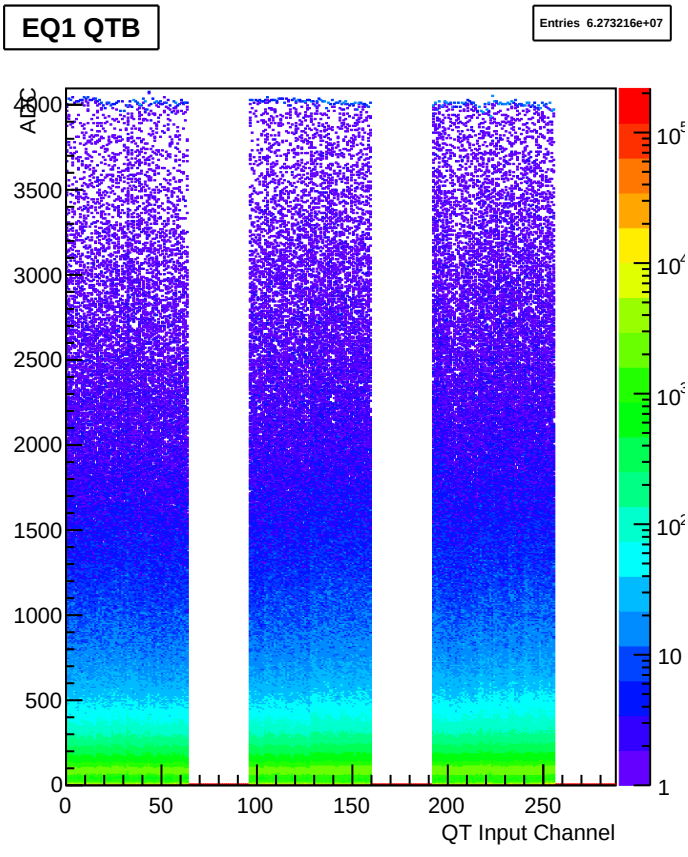

BBQ-ZD001 (ZDC TOWER)
Entries 3485120
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

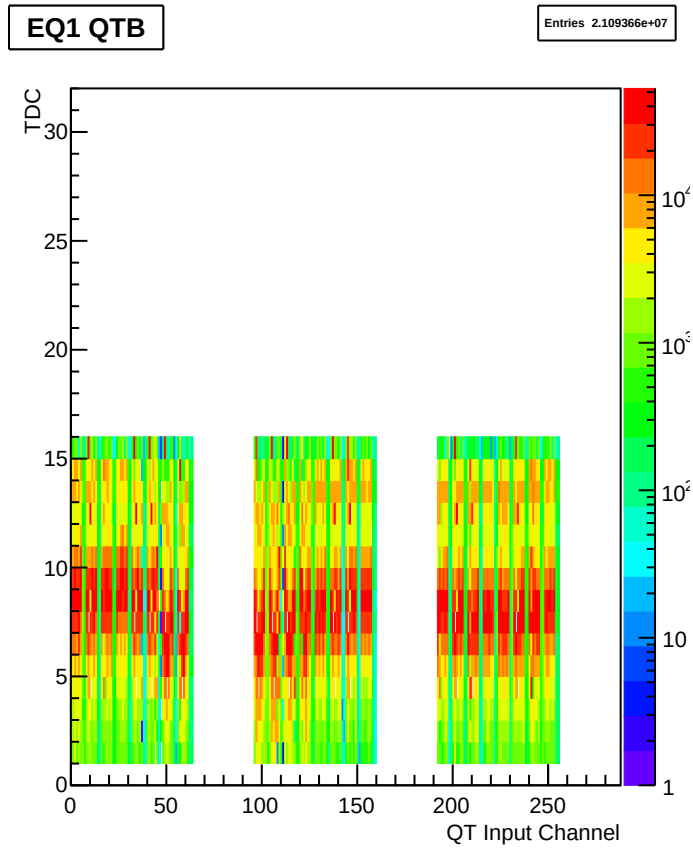

BBQ-VP001 East
Entries 3485120
ADC
QT Input Channel

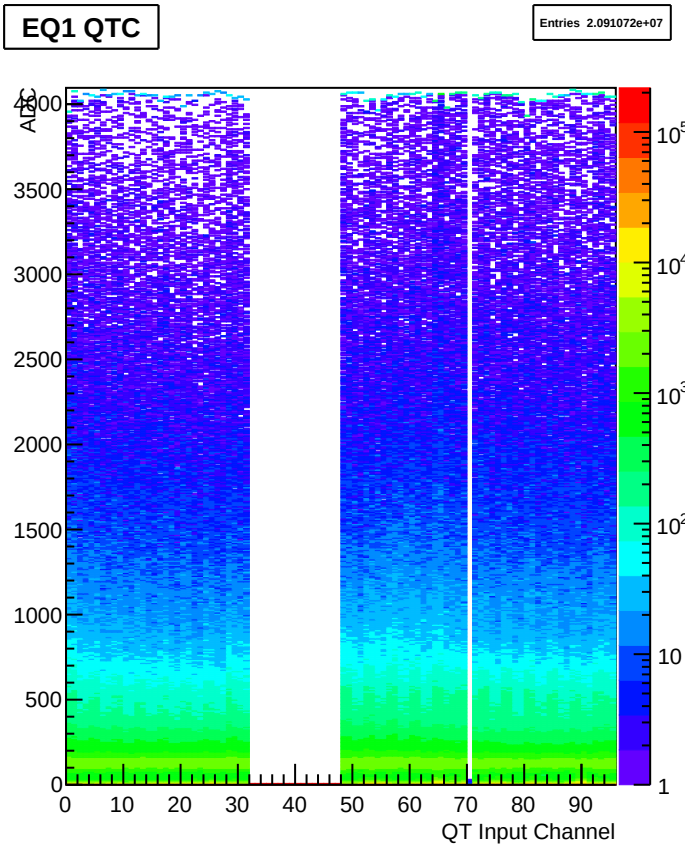

BBQ-VP001 East
Entries 3485120
TADC
QT Input Channel

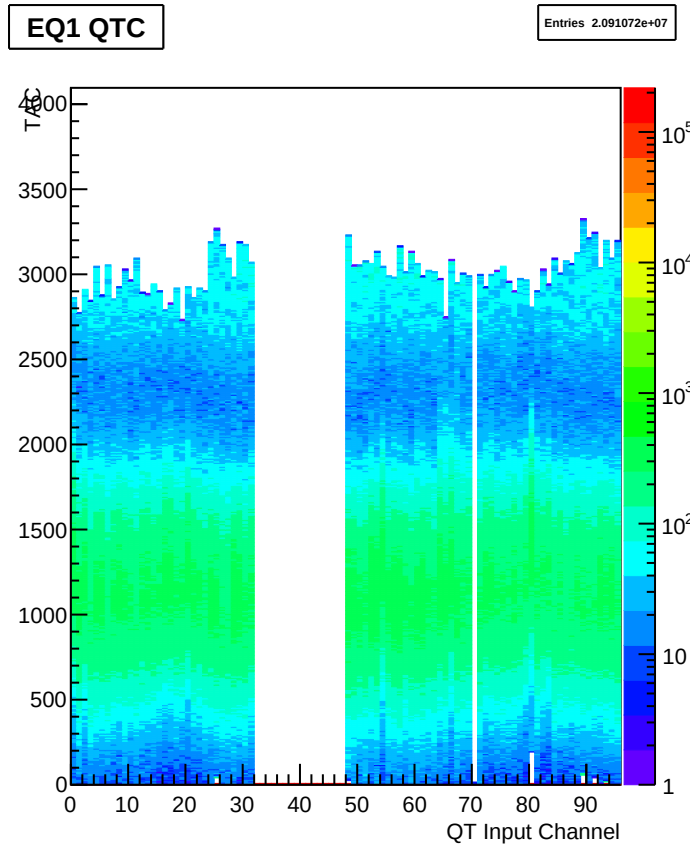

BBQ-VP002 West
Entries 3485120
ADC
QT Input Channel

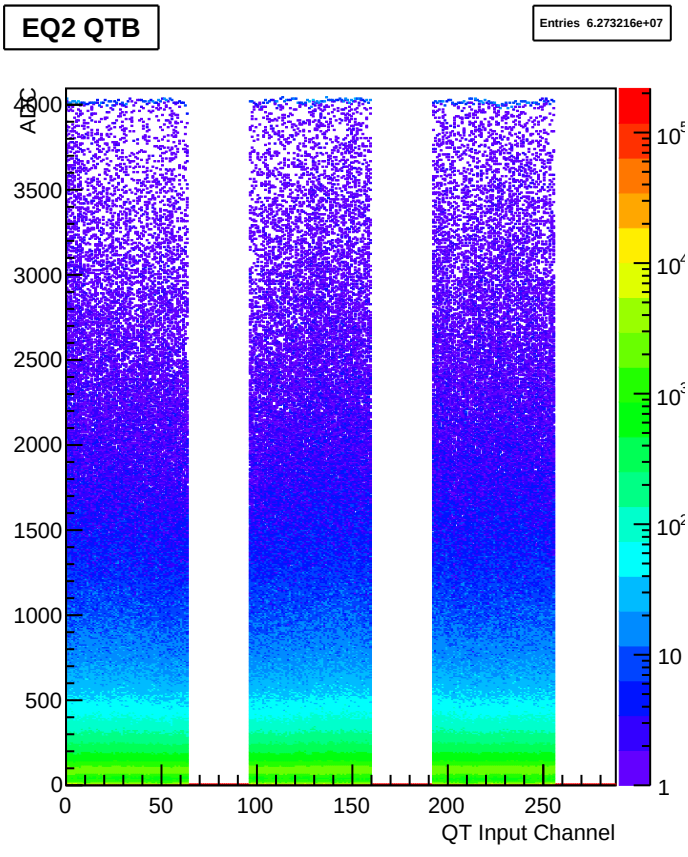

BBQ-VP002 West
Entries 3485120
TADC
QT Input Channel

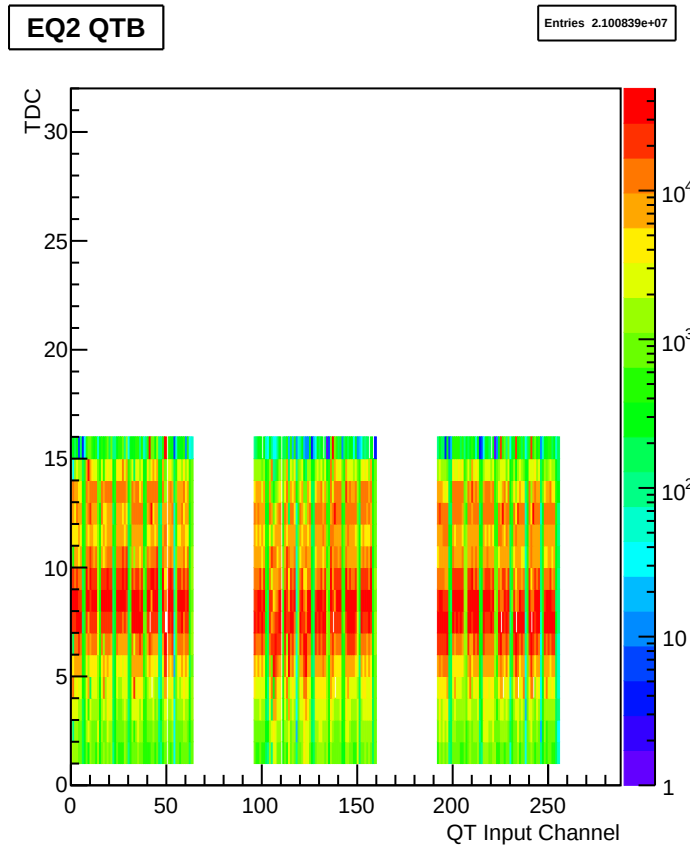

EQ1 QTB
Entries 6.273216e+07
ADC
QT Input Channel

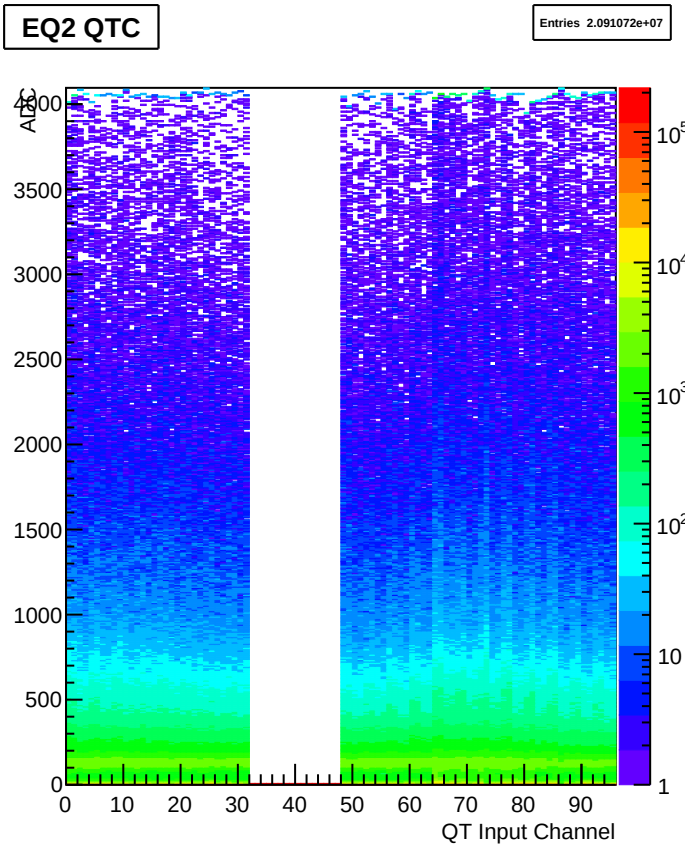

EQ1 QTB
Entries 2.109366e+07
TDC
QT Input Channel

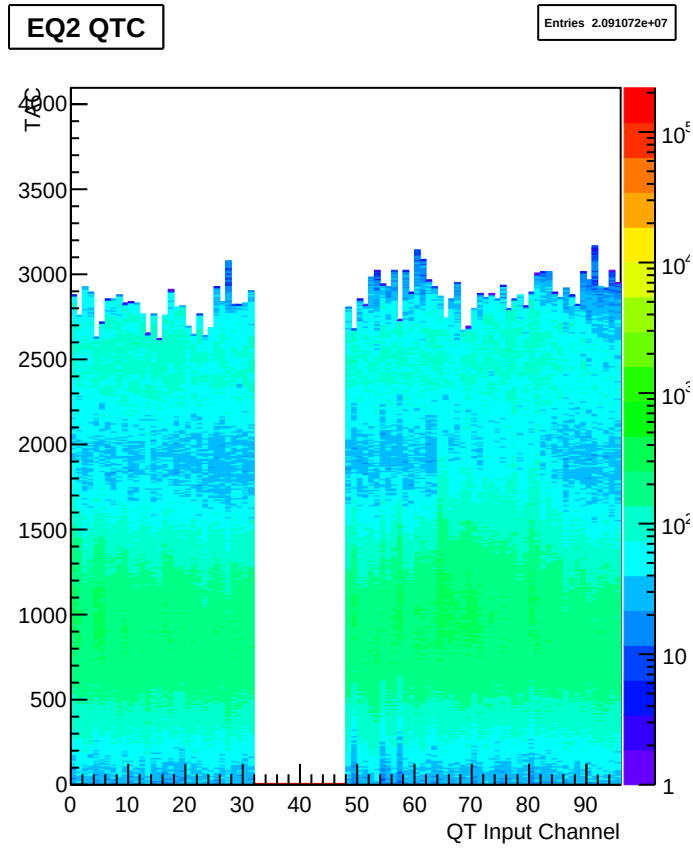

EQ1 QTC
Entries 2.091072e+07
ADC
QT Input Channel

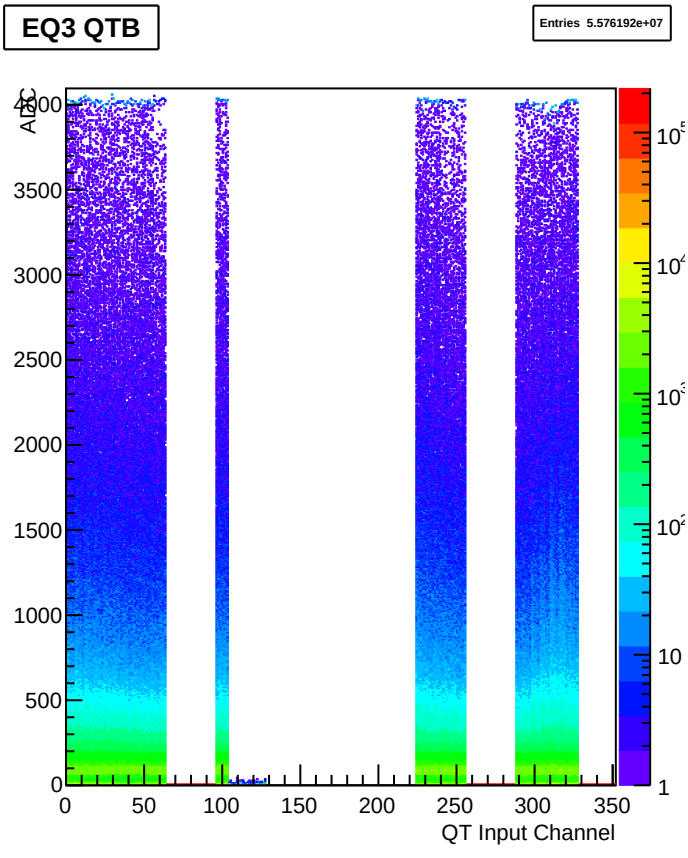

EQ1 QTC
Entries 2.091072e+07
TADC
QT Input Channel

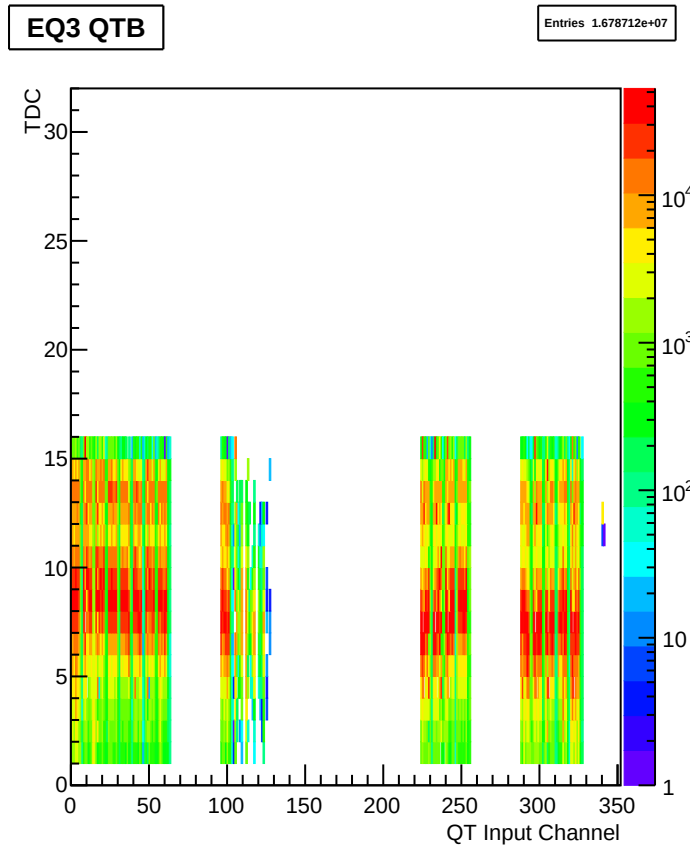

EQ2 QTB
Entries 6.273216e+07
ADC
QT Input Channel

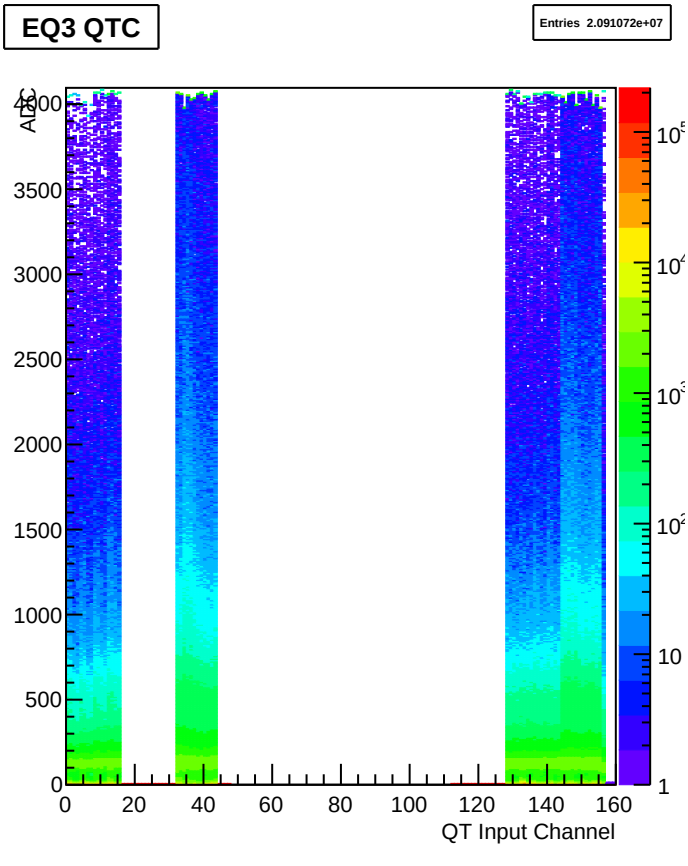

EQ2 QTB
Entries 2.100839e+07
TDC
QT Input Channel

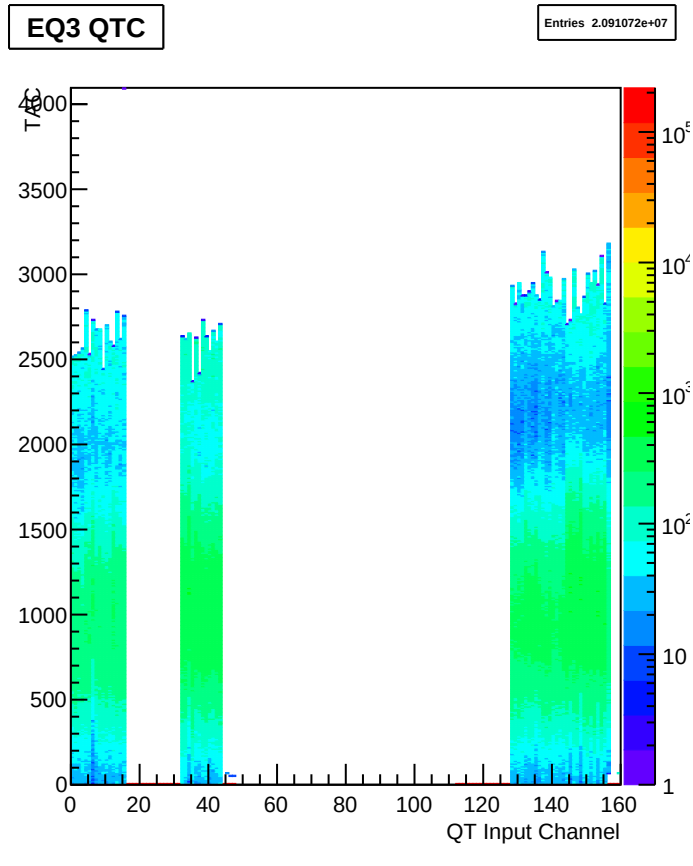

EQ2 QTC
Entries 2.091072e+07
ADC
QT Input Channel

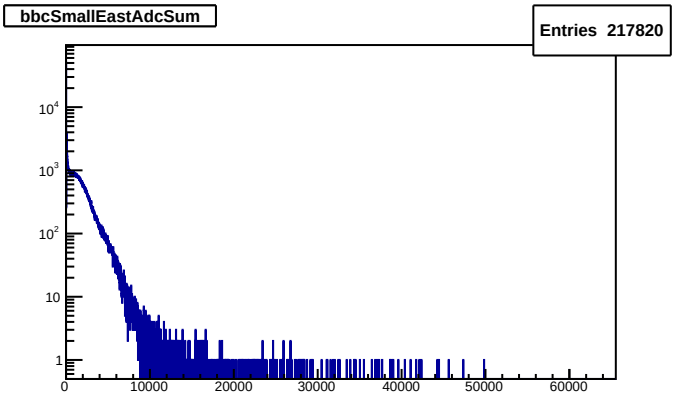

EQ2 QTC
Entries 2.091072e+07
TADC
QT Input Channel

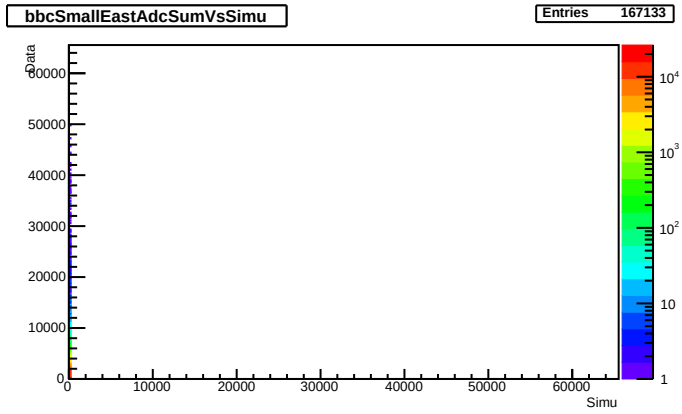

EQ3 QTB
Entries 5.576192e+07
ADC
QT Input Channel

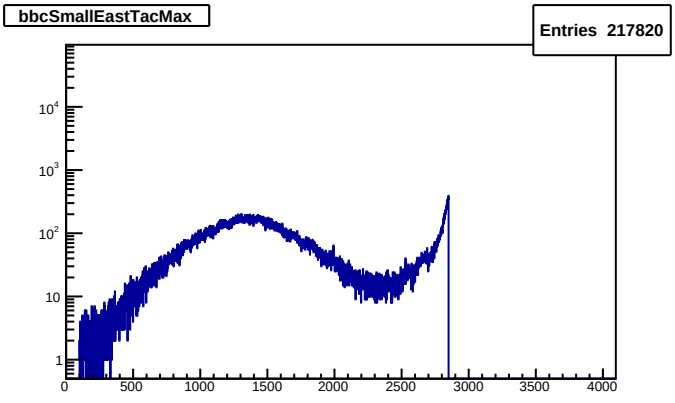

EQ3 QTB
Entries 1.678712e+07
TDC
QT Input Channel

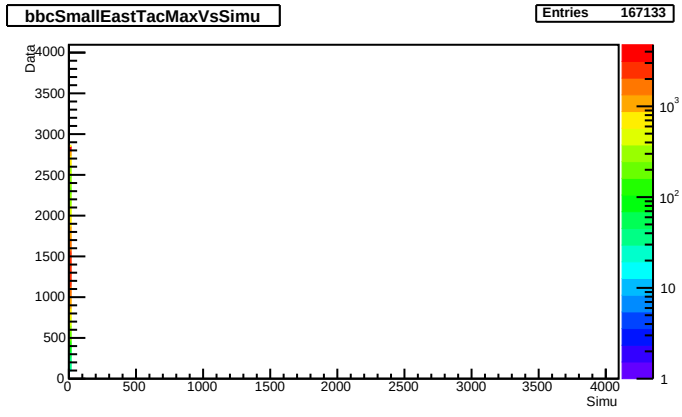

EQ3 QTC
Entries 2.091072e+07
ADC
QT Input Channel

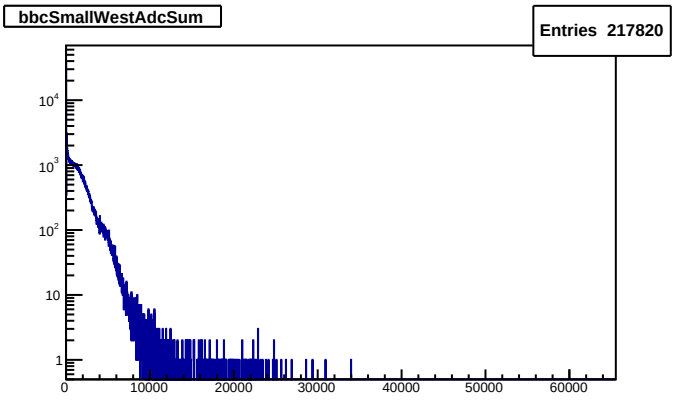

EQ3 QTC
Entries 2.091072e+07
TADC
QT Input Channel

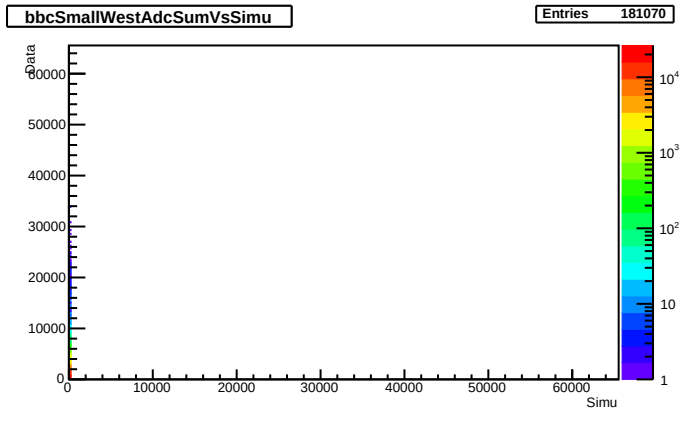

bbcSmallEastAdcSum
Entries 217820

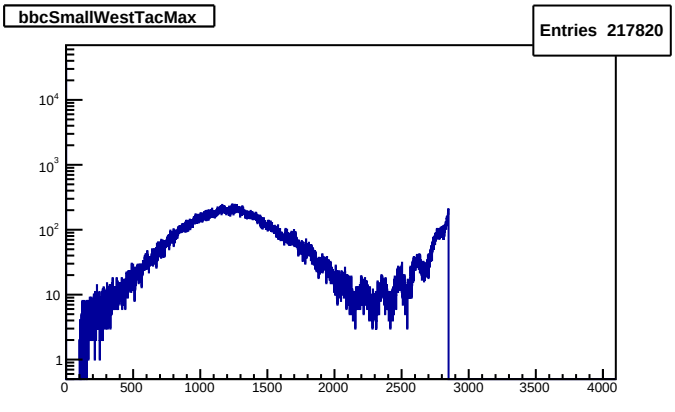

bbcSmallEastAdcSumVsSimu
Entries 167133
Data
Simu

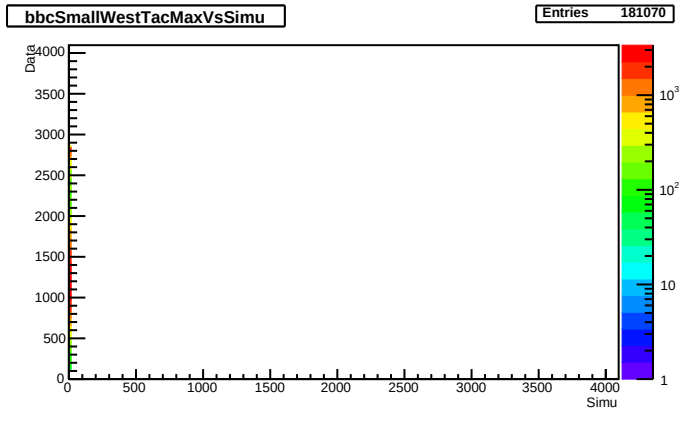

bbcSmallEastTacMax
Entries 217820

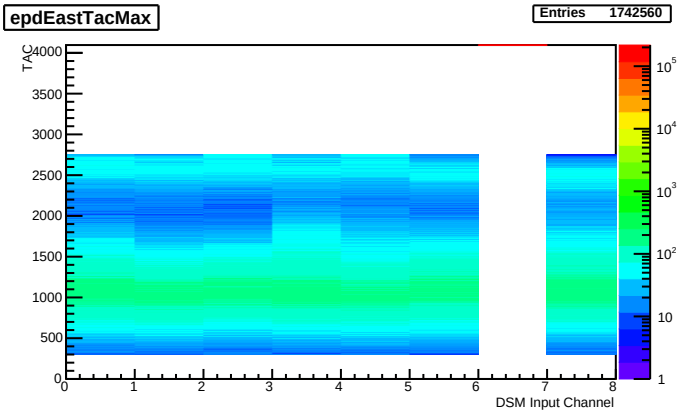

bbcSmallEastTacMaxVsSimu
Entries 167133
Data
Simu

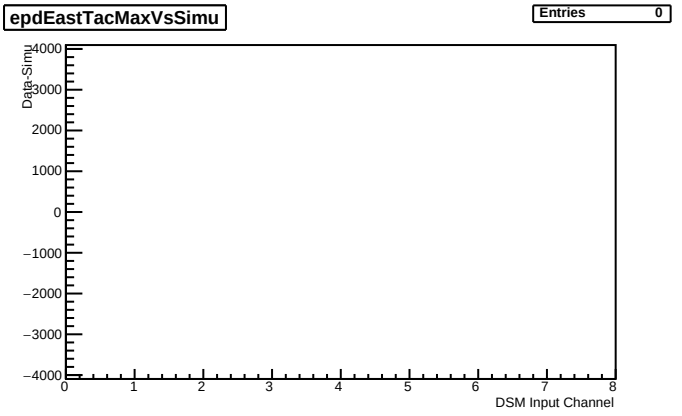

bbcSmallWestAdcSum
Entries 217820

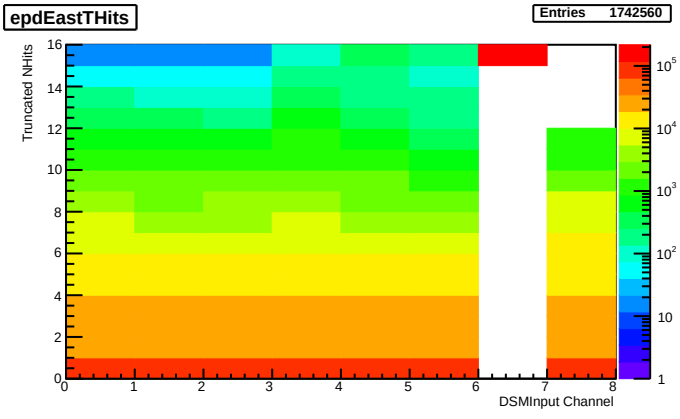

bbcSmallWestAdcSumVsSimu
Entries 181070
Data
Simu

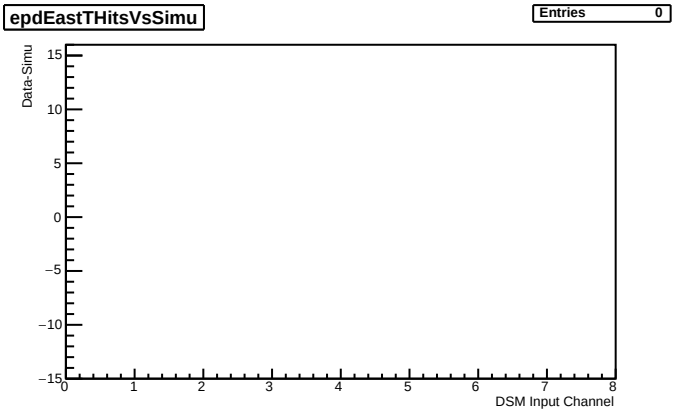

bbcSmallWestTacMax
Entries 217820

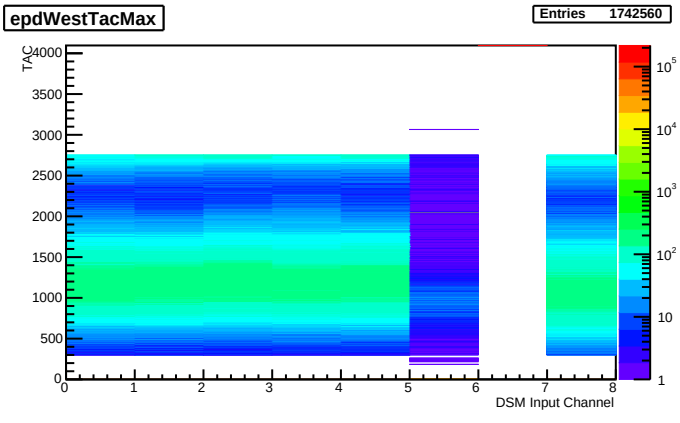

bbcSmallWestTacMaxVsSimu
Entries 181070
Data
Simu

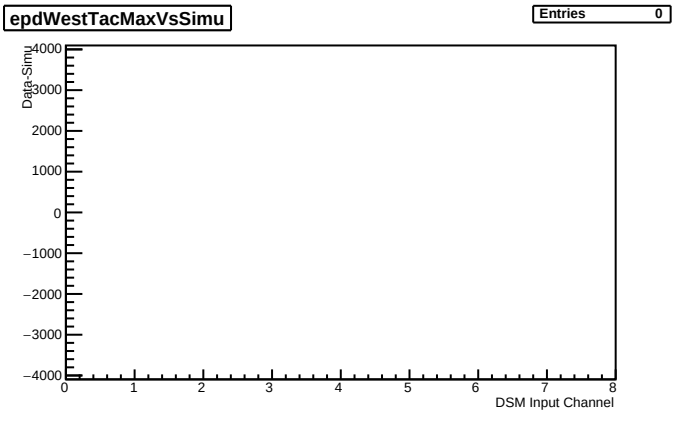

epdEastTacMax
Entries 1742560
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1742560
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1742560
TAC
DSM Input Channel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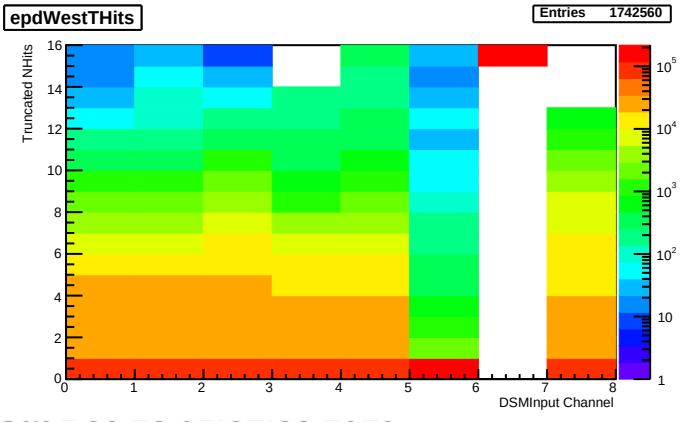
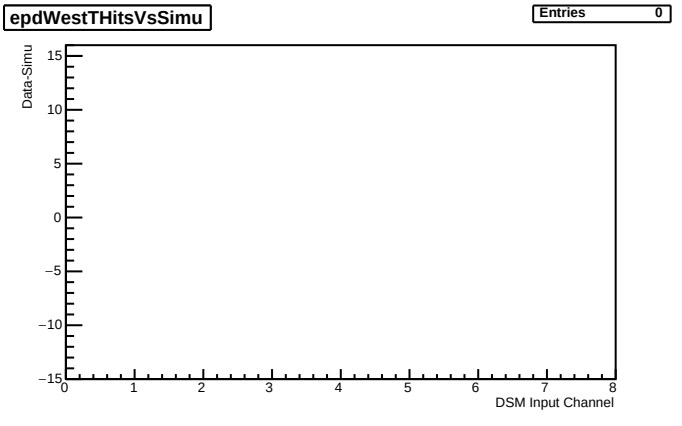
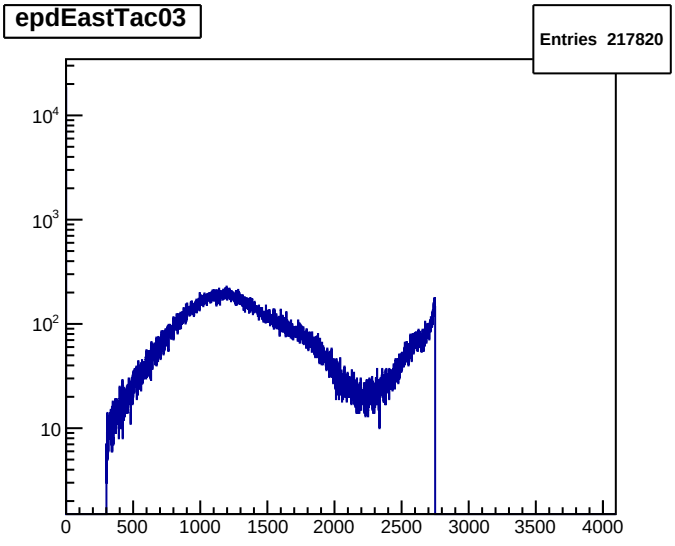
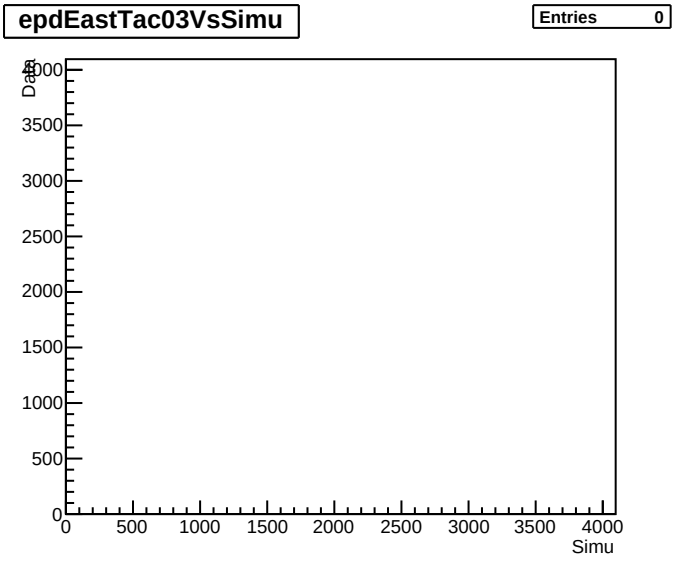
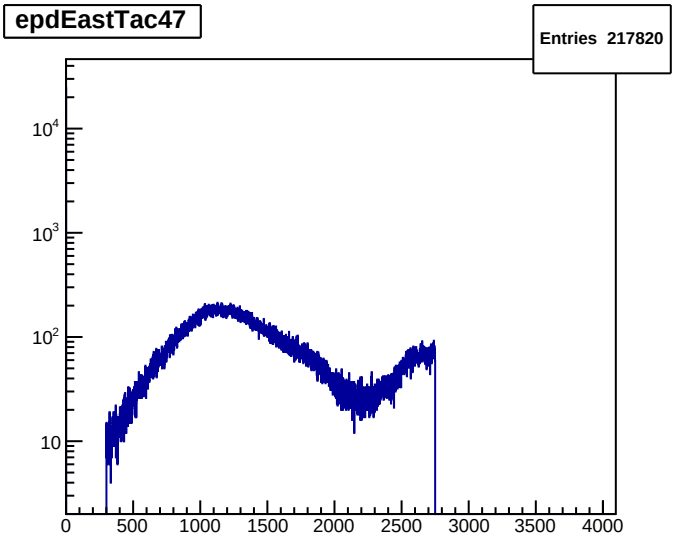
Entries 0
Data-Simu
DSM Input Channel

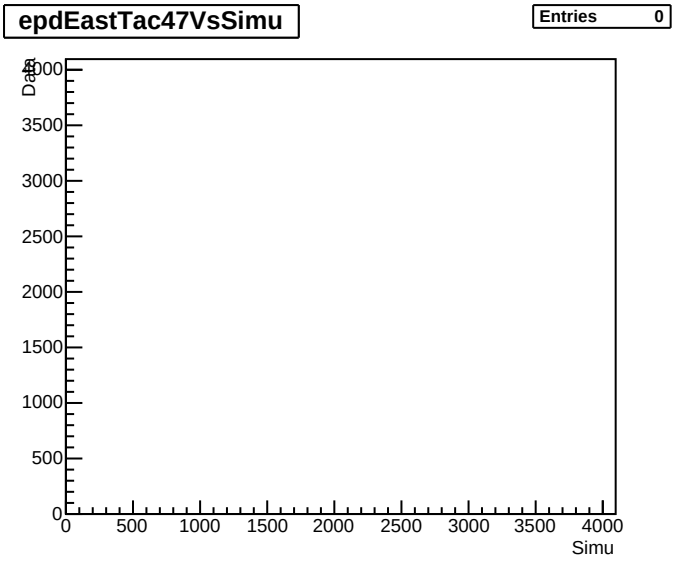

epdWestTHits
Entries 1742560
Truncated NHits
DSMInput Channel

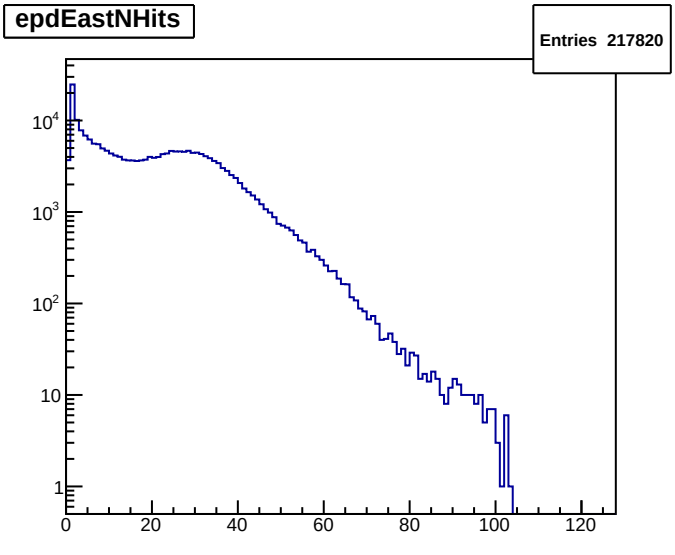

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

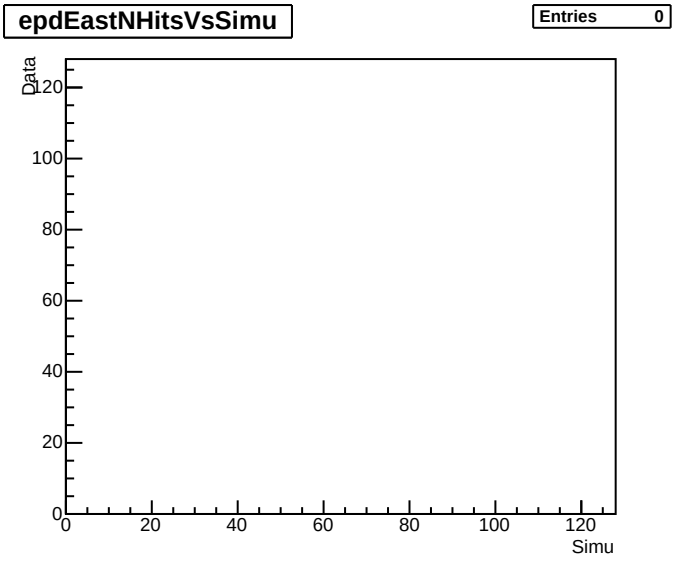

epdEastTac03
Entries 217820

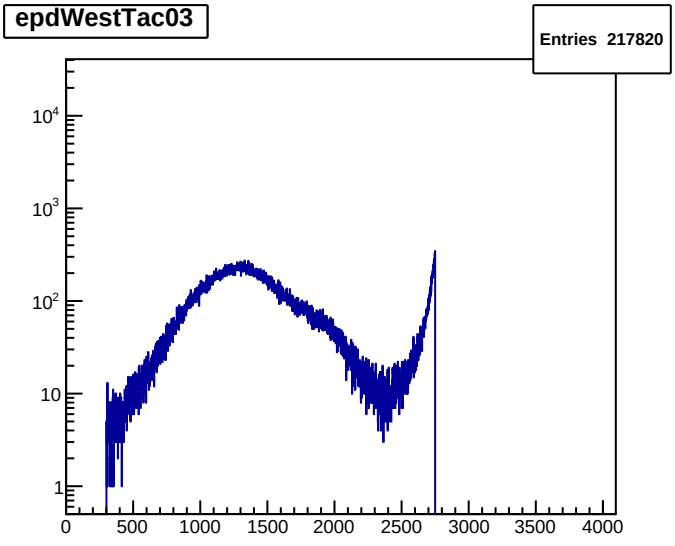

epdEastTac03VsSimu
Entries 0
Data
Simu

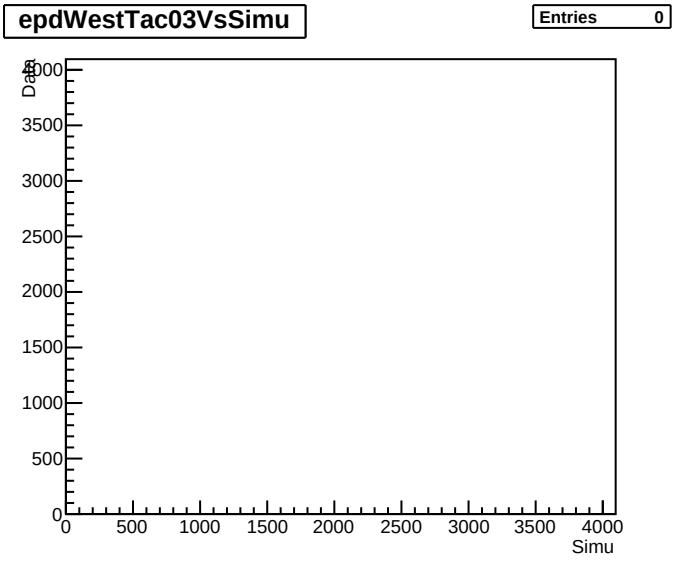

epdEastTac47
Entries 217820

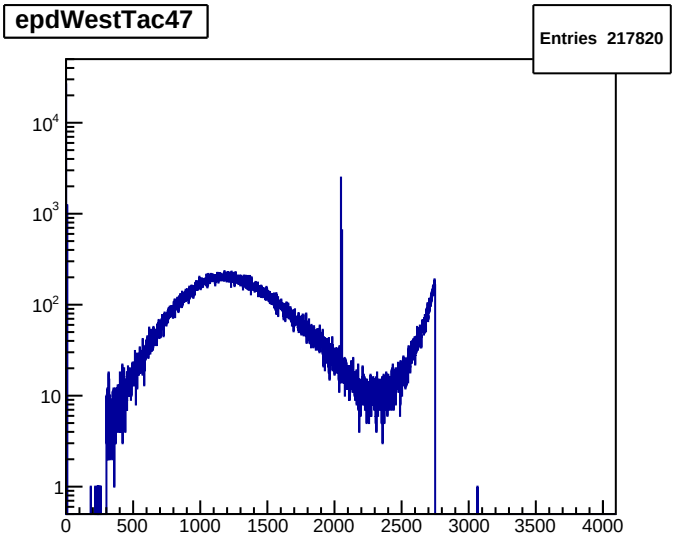

epdEastTac47VsSimu
Entries 0
Data
Simu

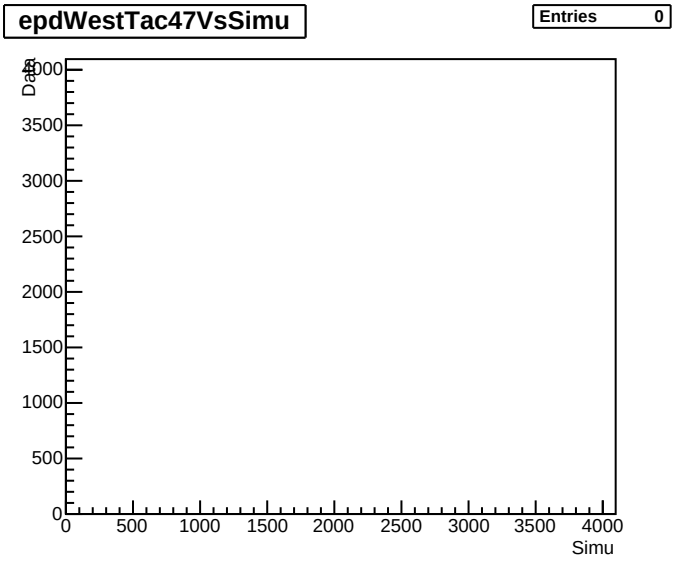

epdEastNHits
Entries 217820


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 217820


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 217820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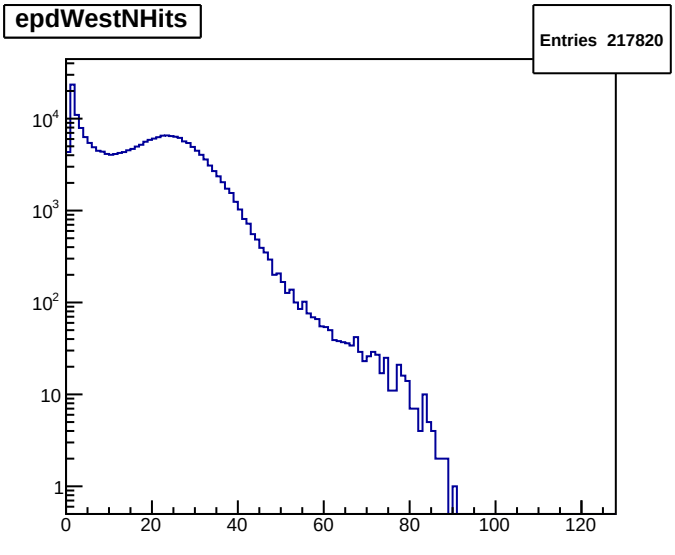
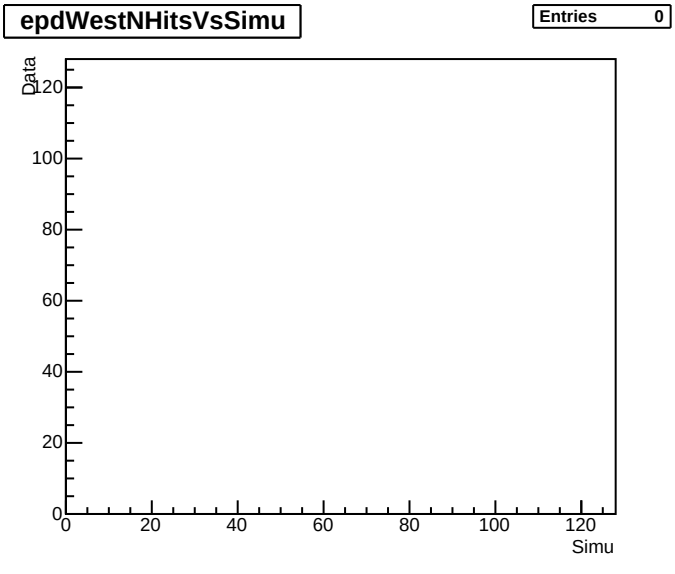
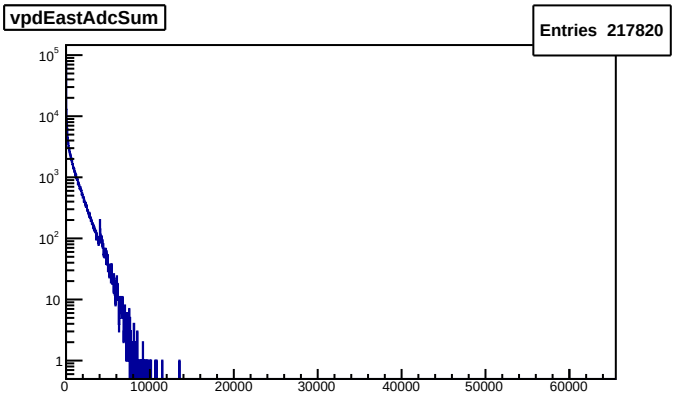
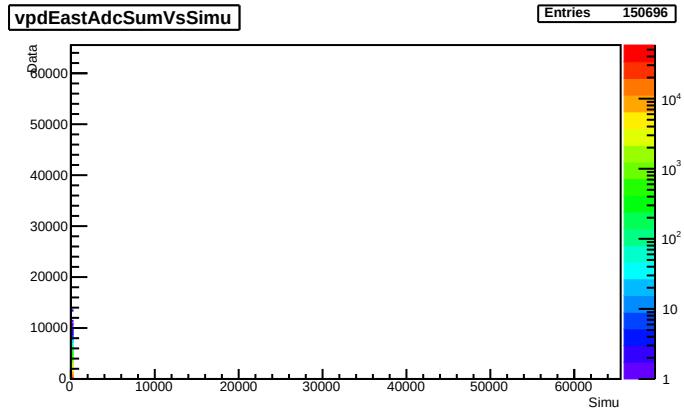
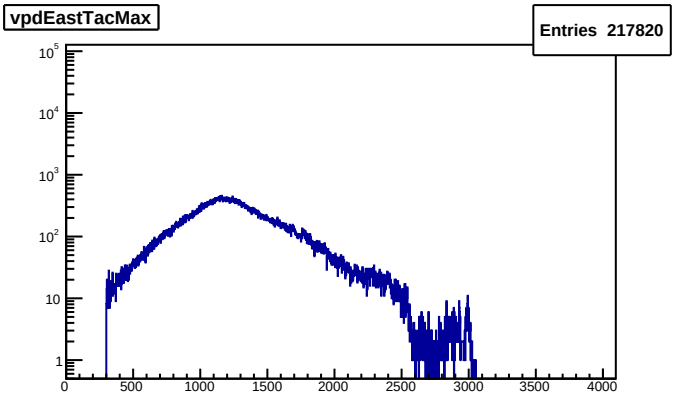
Entries 0
Data
Simu

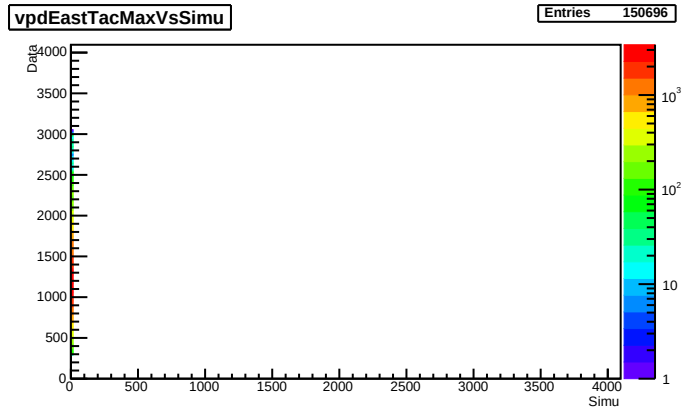

epdWestNHits
Entries 217820

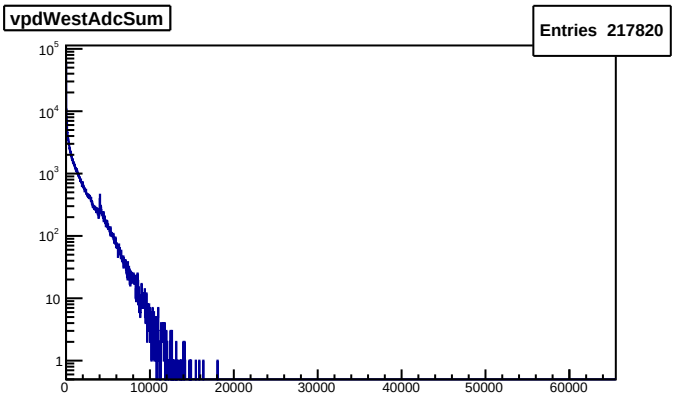

epdWestNHitsVsSimu
Entries 0
Data
Simu

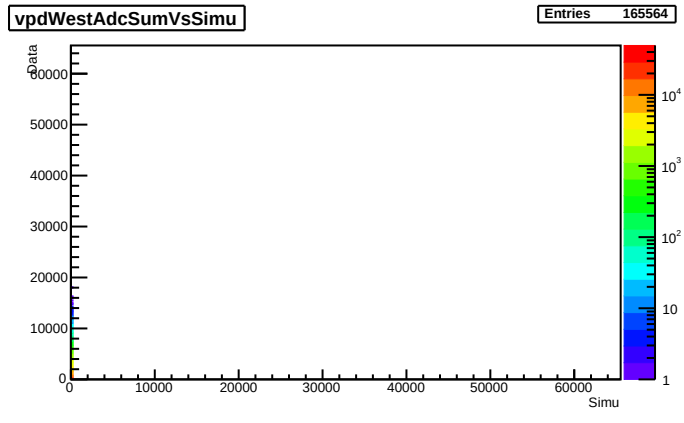

vpdEastAdcSum
Entries 217820

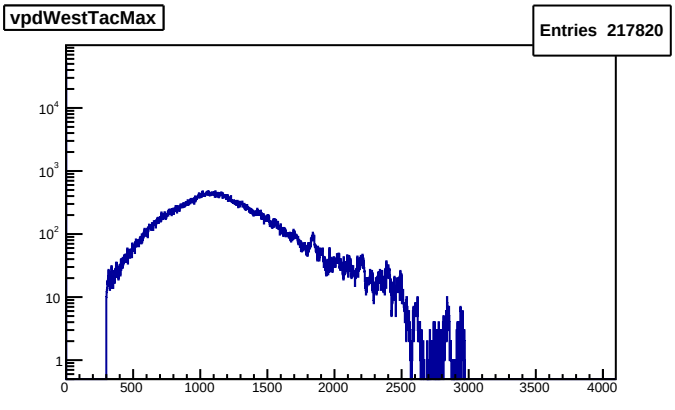

vpdEastAdcSumVsSimu
Entries 150696
Data
Simu

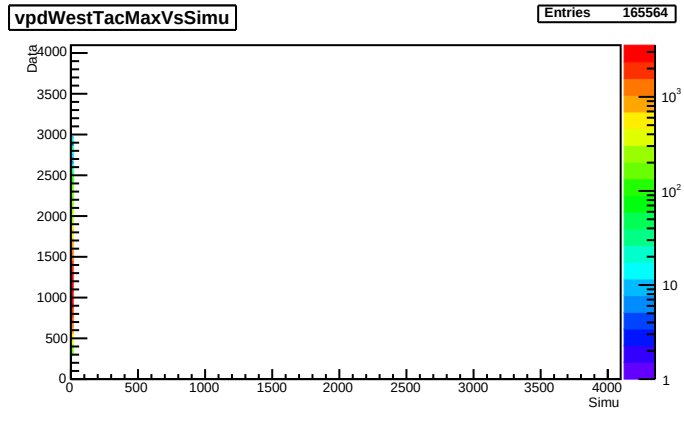

vpdEastTacMax
Entries 217820

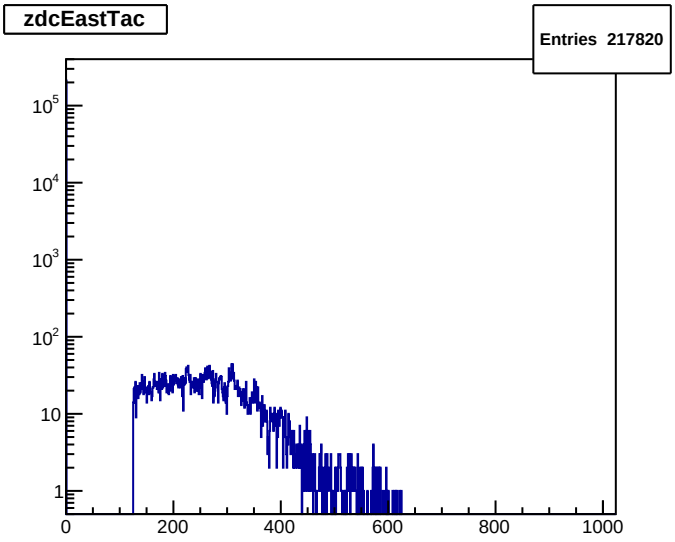

vpdEastTacMaxVsSimu
Entries 150696
Data
Simu

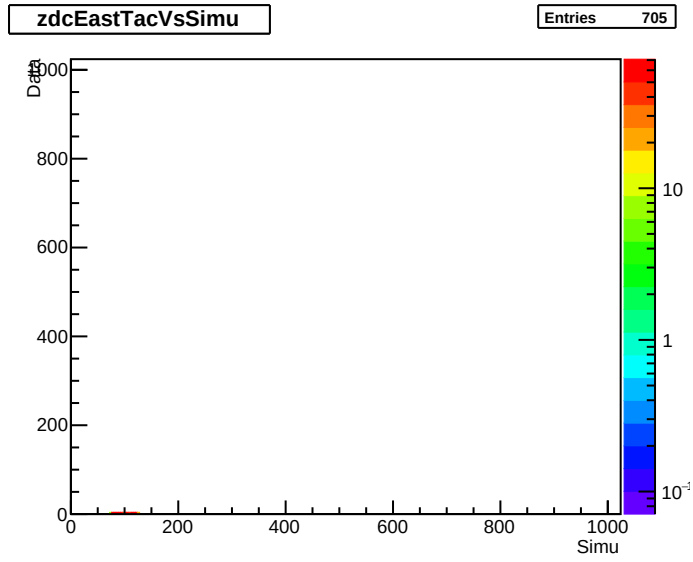

vpdWestAdcSum
Entries 217820

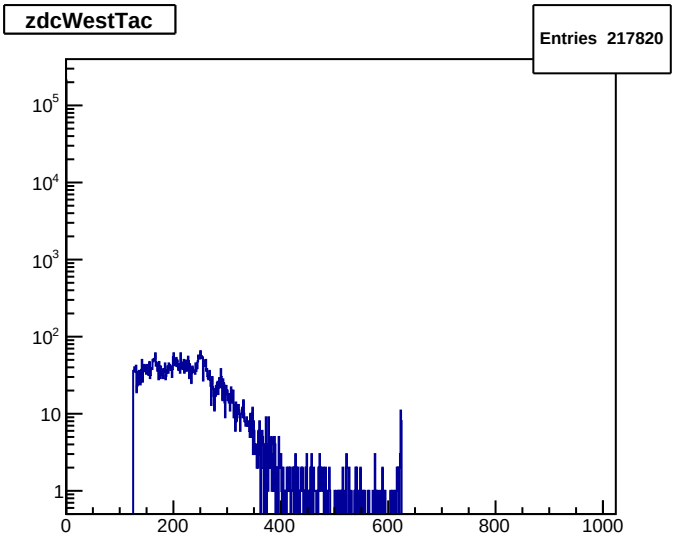

vpdWestAdcSumVsSimu
Entries 165564
Data
Simu

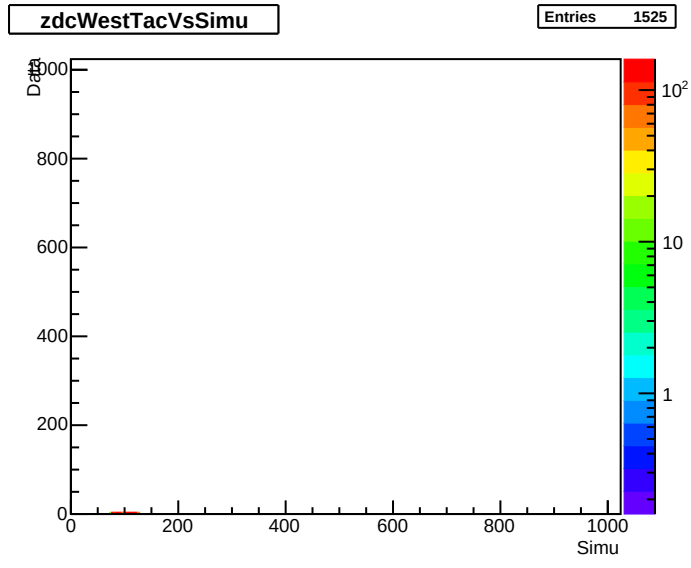

vpdWestTacMax
Entries 217820

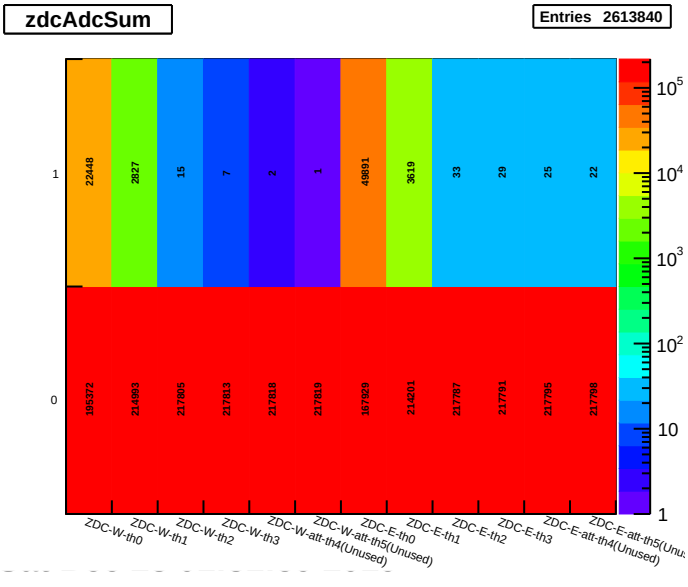

vpdWestTacMaxVsSimu
Entries 165564
Data
Simu

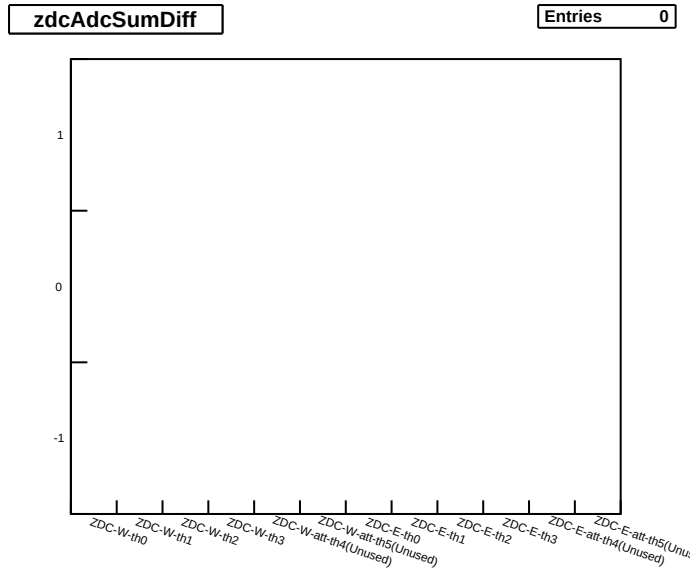

zdcEastTac
Entries 217820

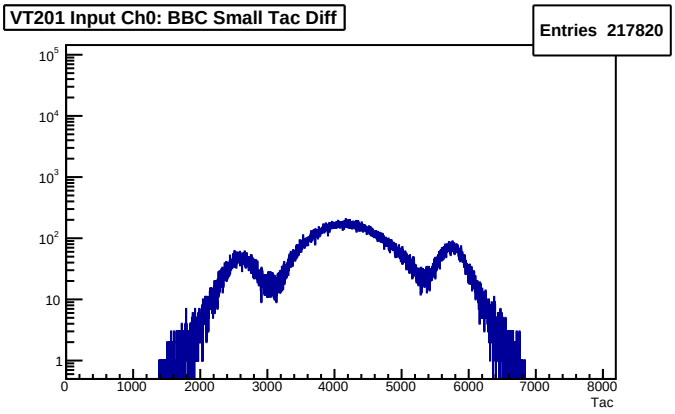

zdcEastTacVsSimu
Entries 705
Data
Simu

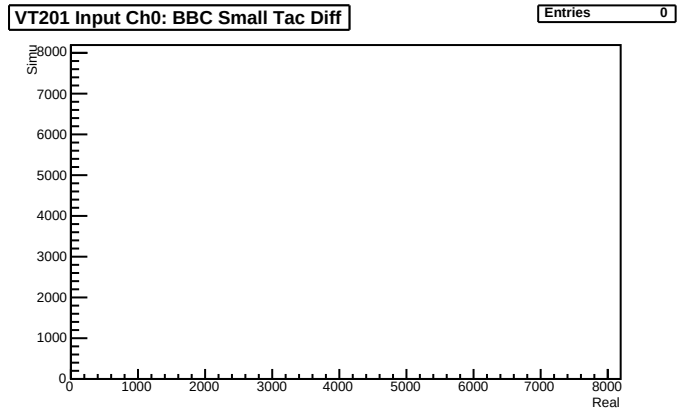

zdcWestTac
Entries 217820

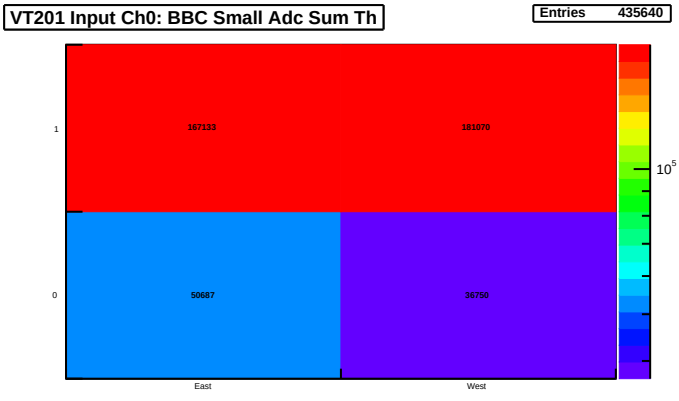

zdcWestTacVsSimu
Entries 1525
Data
Simu

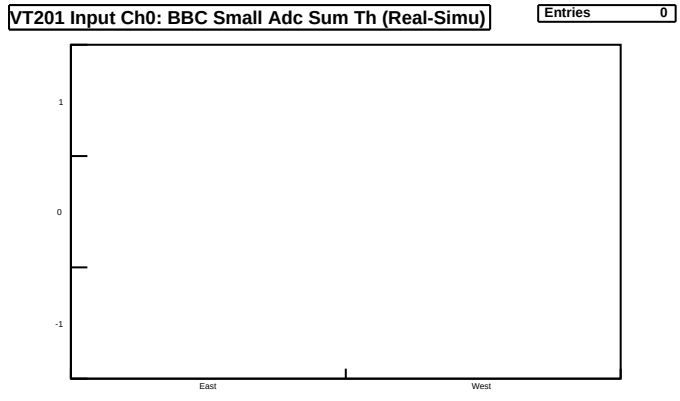

zdcAdcSum
Entries 2613840
22448
2827
15
7
2
1
49891
3619
33
29
25
22
195372
214893
217805
217813
217818
217819
167829
214201
217787
217791
217795
217798
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

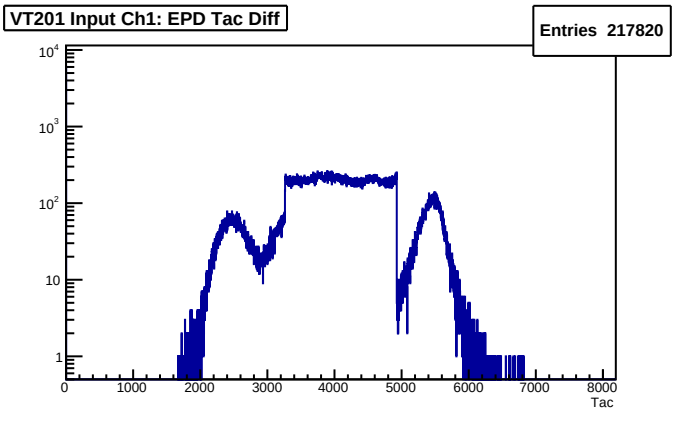

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

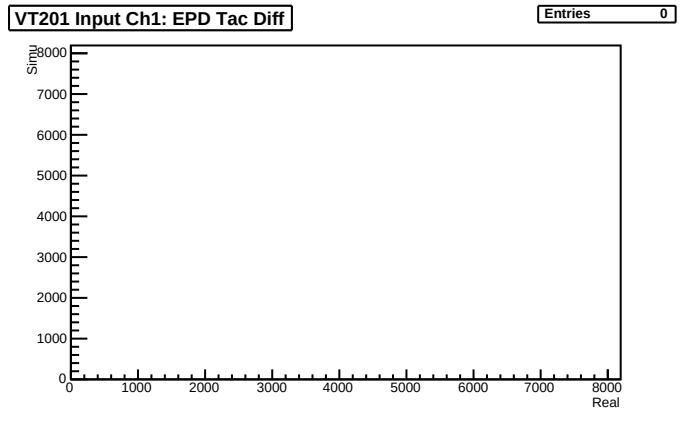

VT201 Input Ch0: BBC Small Tac Diff
Entries 217820
Tac

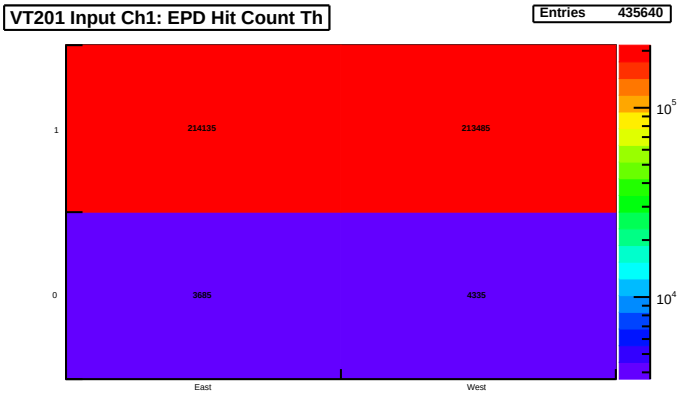

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

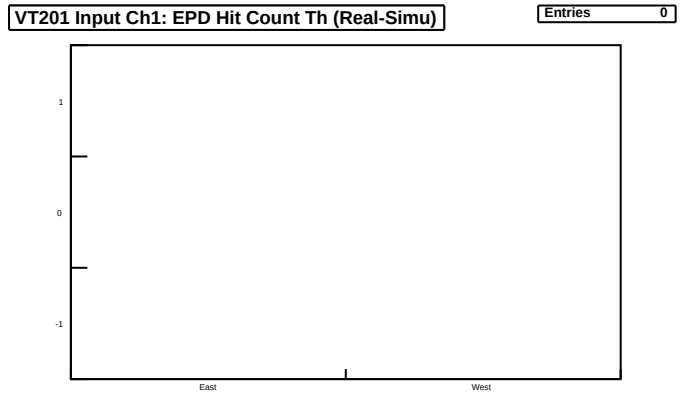

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 435640
167133
181070
50687
36750
East
West

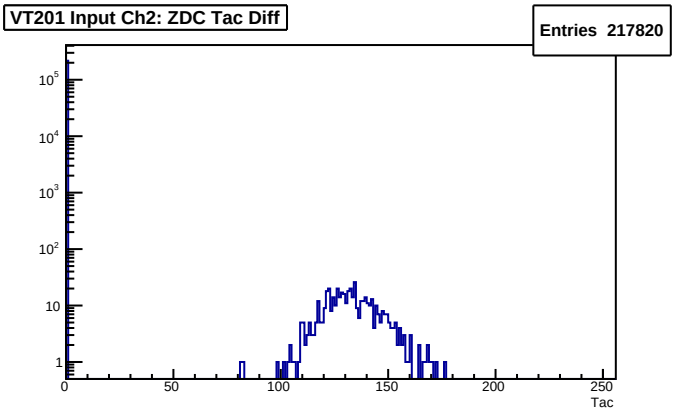

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

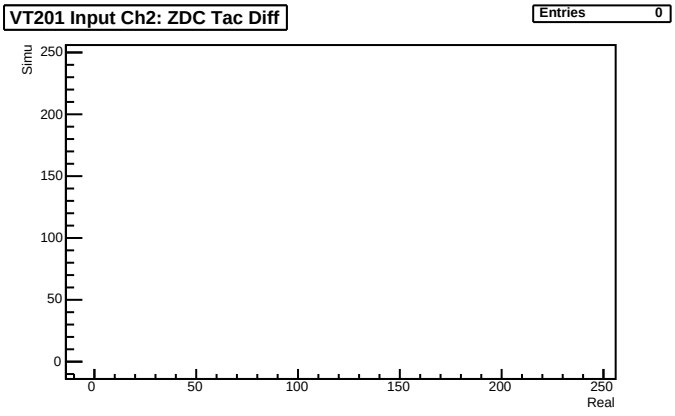

VT201 Input Ch1: EPD Tac Diff
Entries 217820
Tac

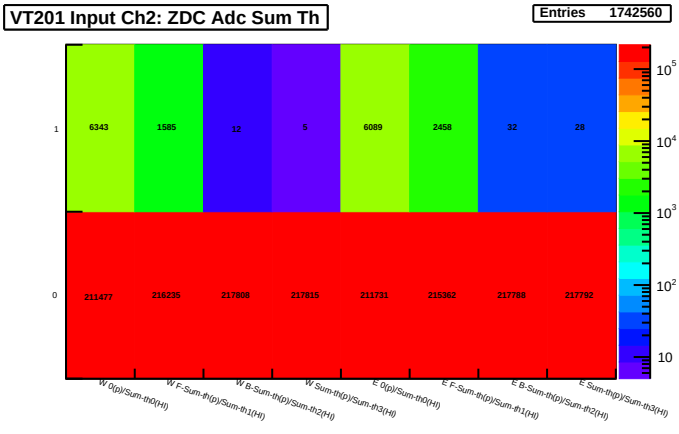

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

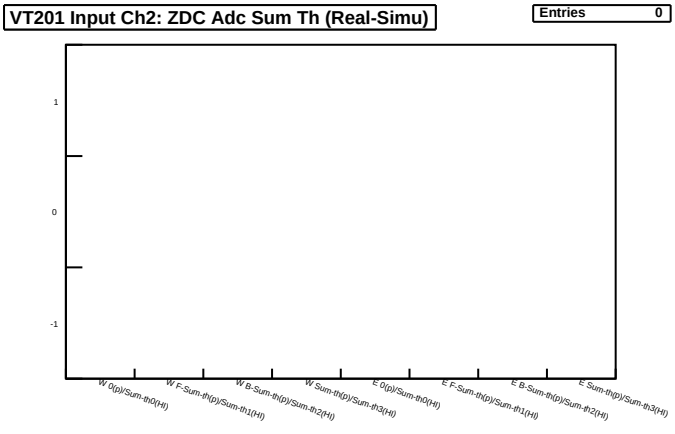

VT201 Input Ch1: EPD Hit Count Th
Entries 435640
214135
213485
3685
4335
East
West

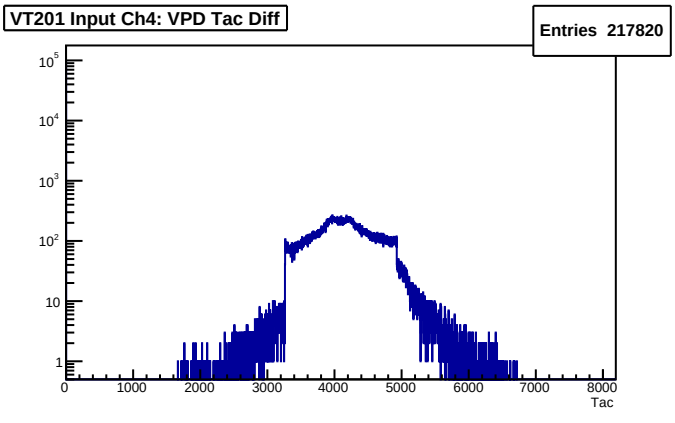

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

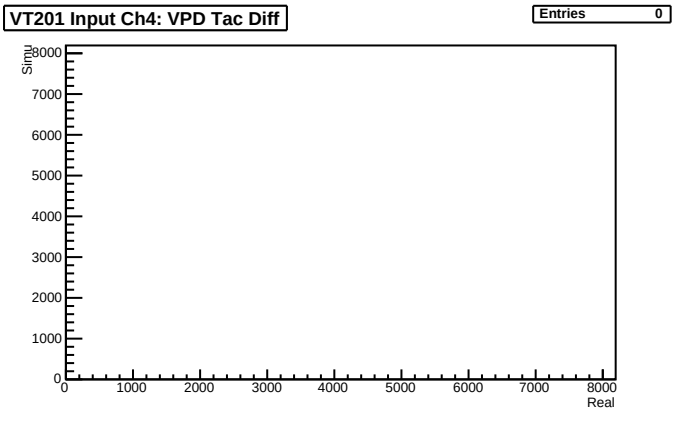

VT201 Input Ch2: ZDC Tac Diff
Entries 217820
Tac

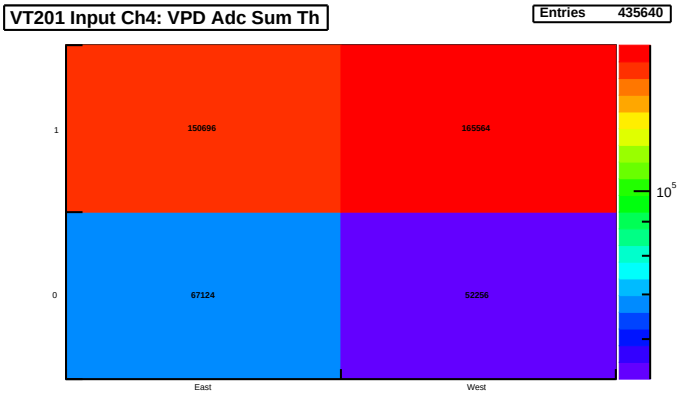

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

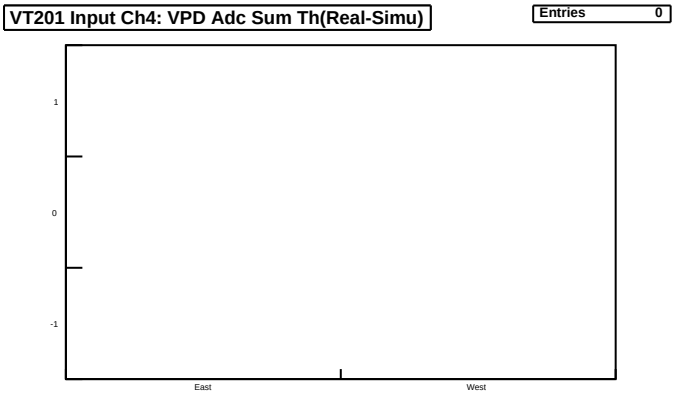

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1742560
6343
1585
12
5
6089
2458
32
28
211477
216235
217808
217815
211731
215362
217788
217792
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

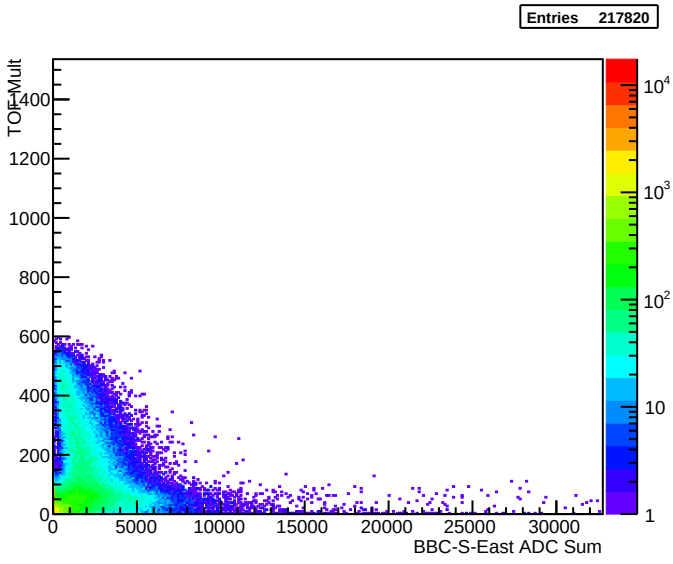

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

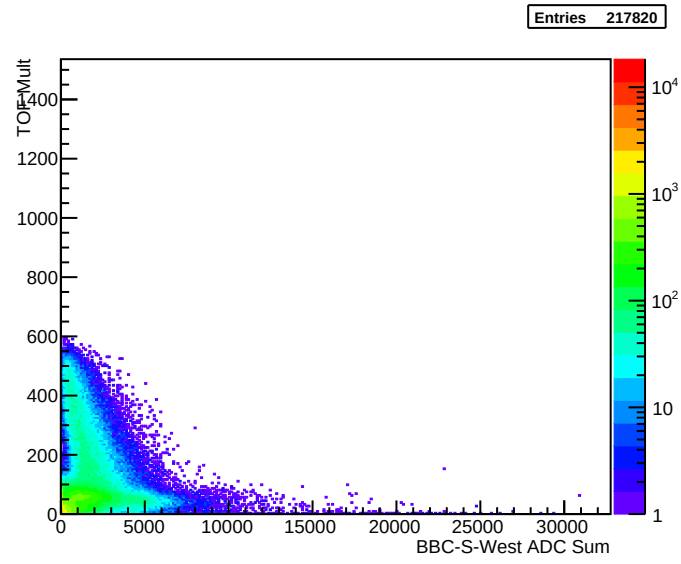

VT201 Input Ch4: VPD Tac Diff
Entries 217820
Tac

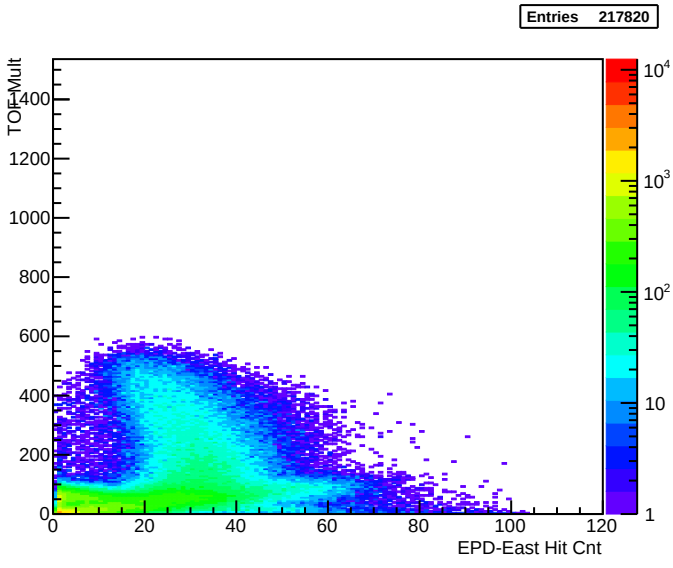

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

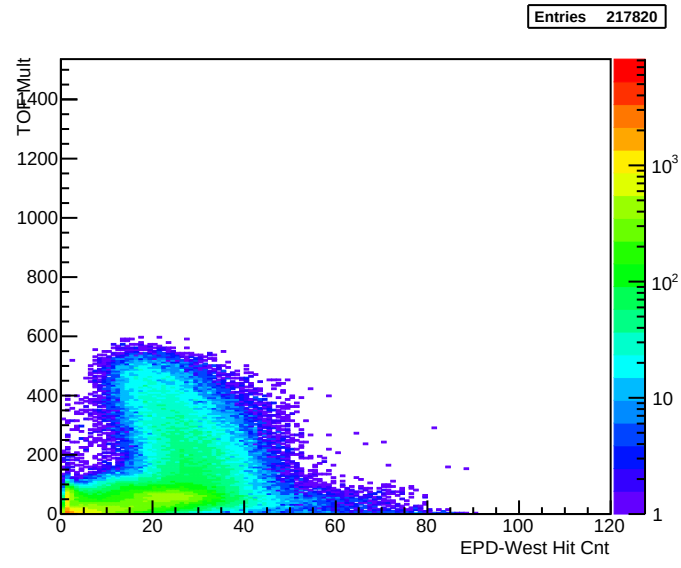

VT201 Input Ch4: VPD Adc Sum Th
Entries 435640
150696
165564
67124
52256
East
West

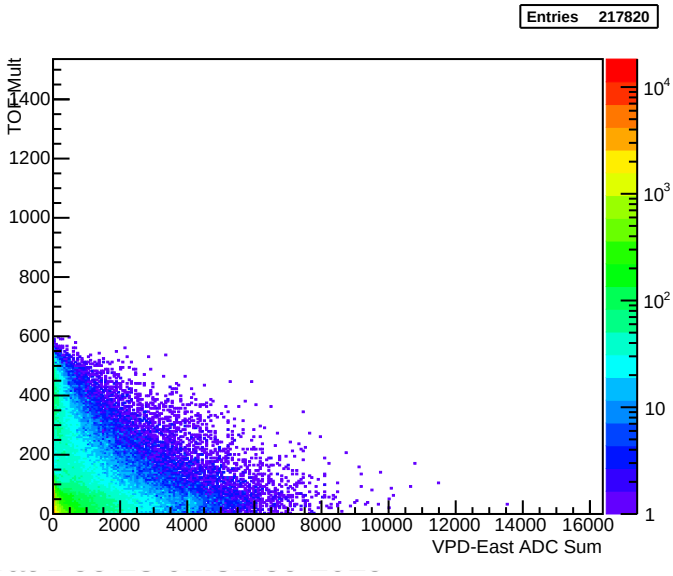

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

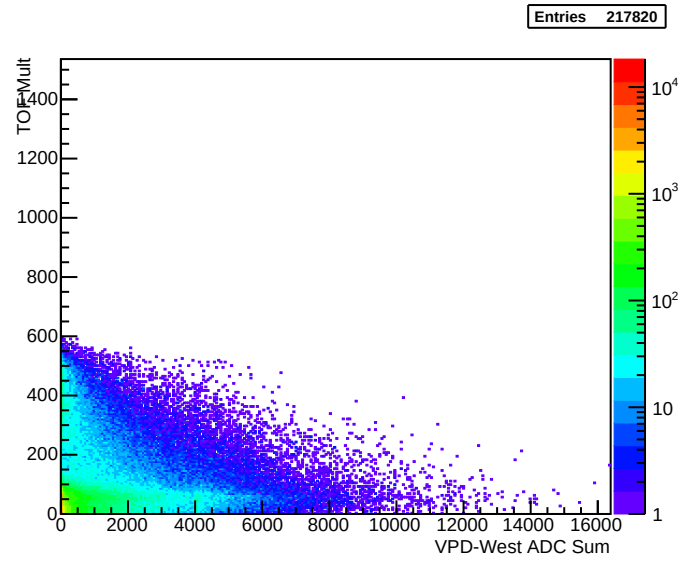

Entries 217820
TOF-Mult
BBC-S-East ADC Sum

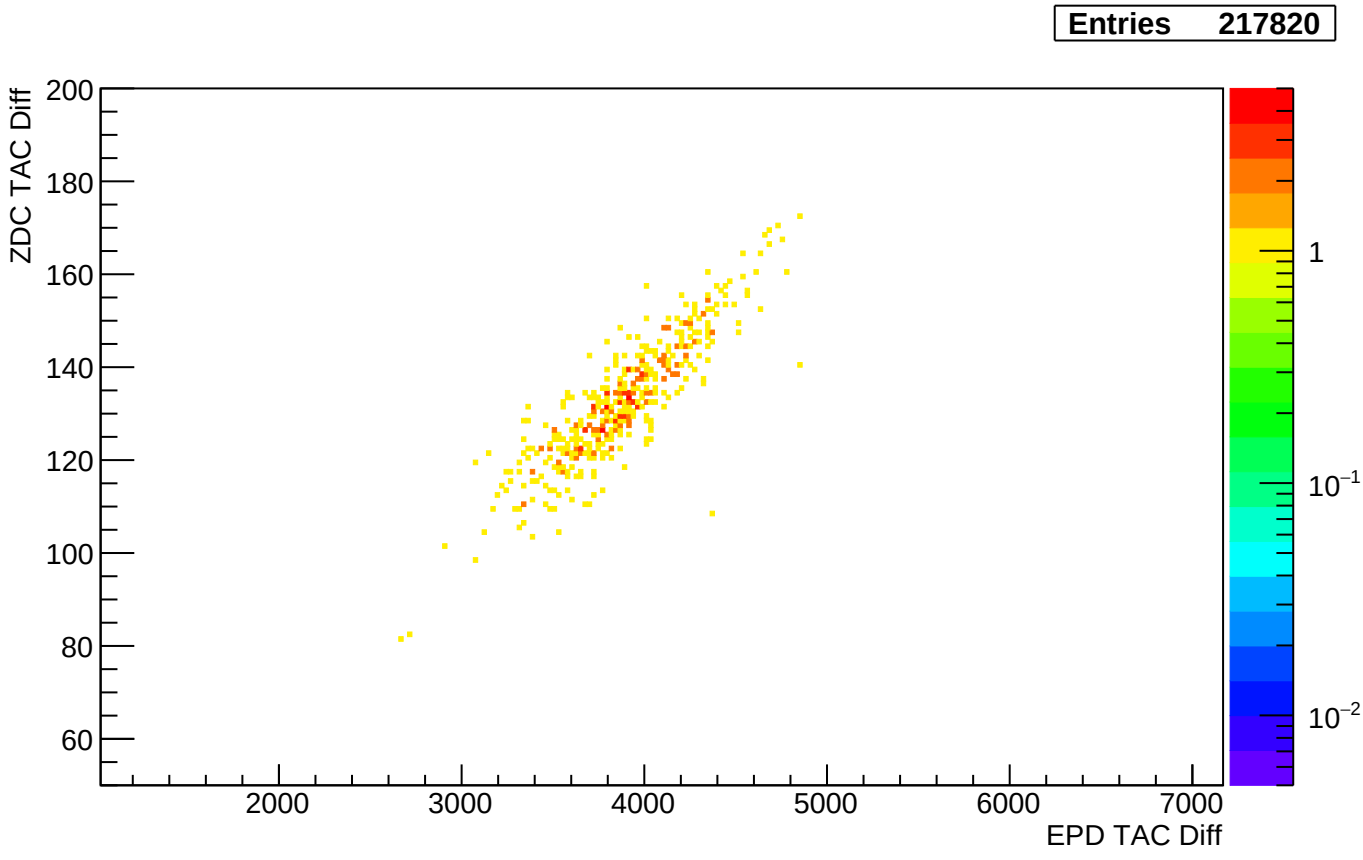

Entries 217820
TOF-Mult
BBC-S-West ADC Sum

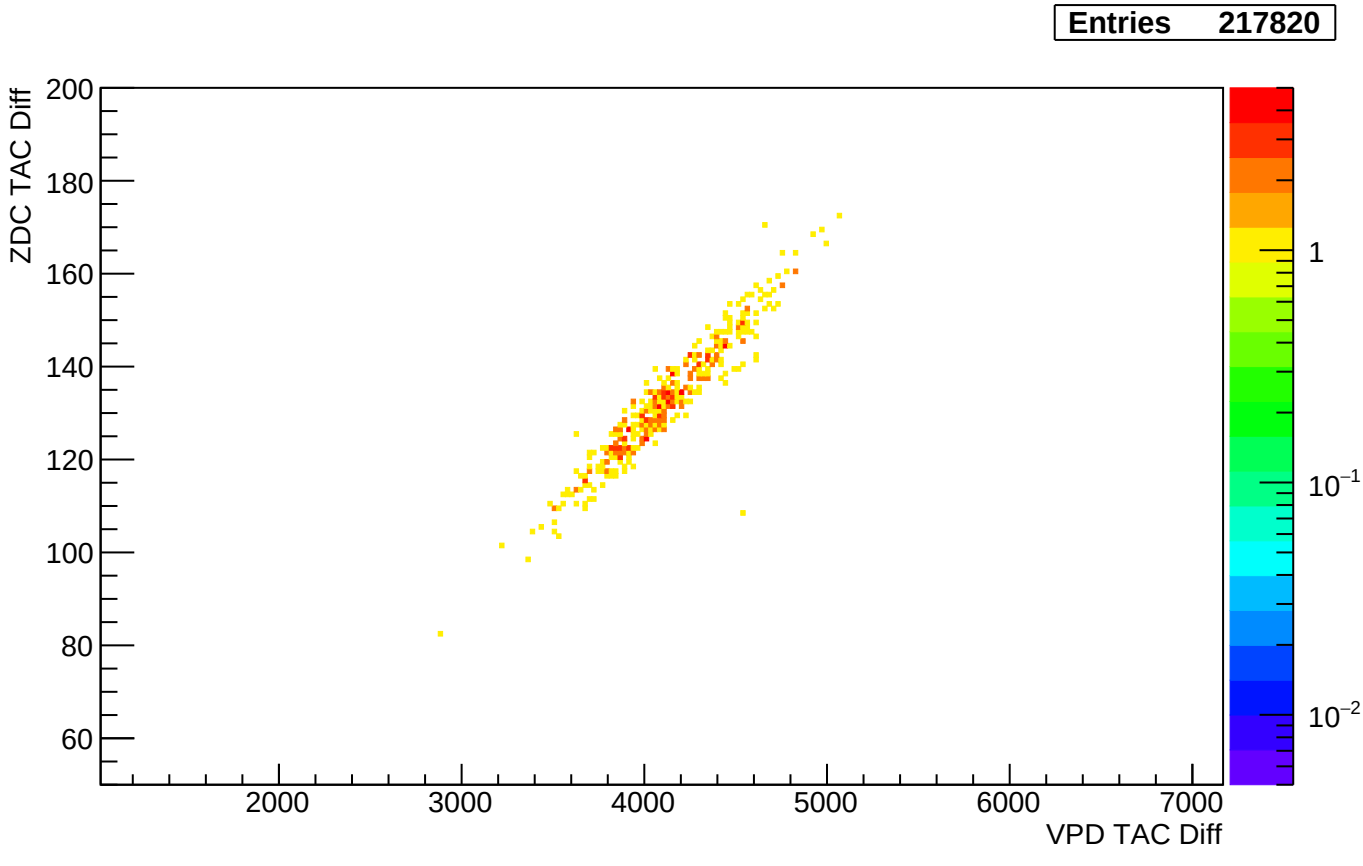

Entries 217820
TOF-Mult
EPD-East Hit Cnt

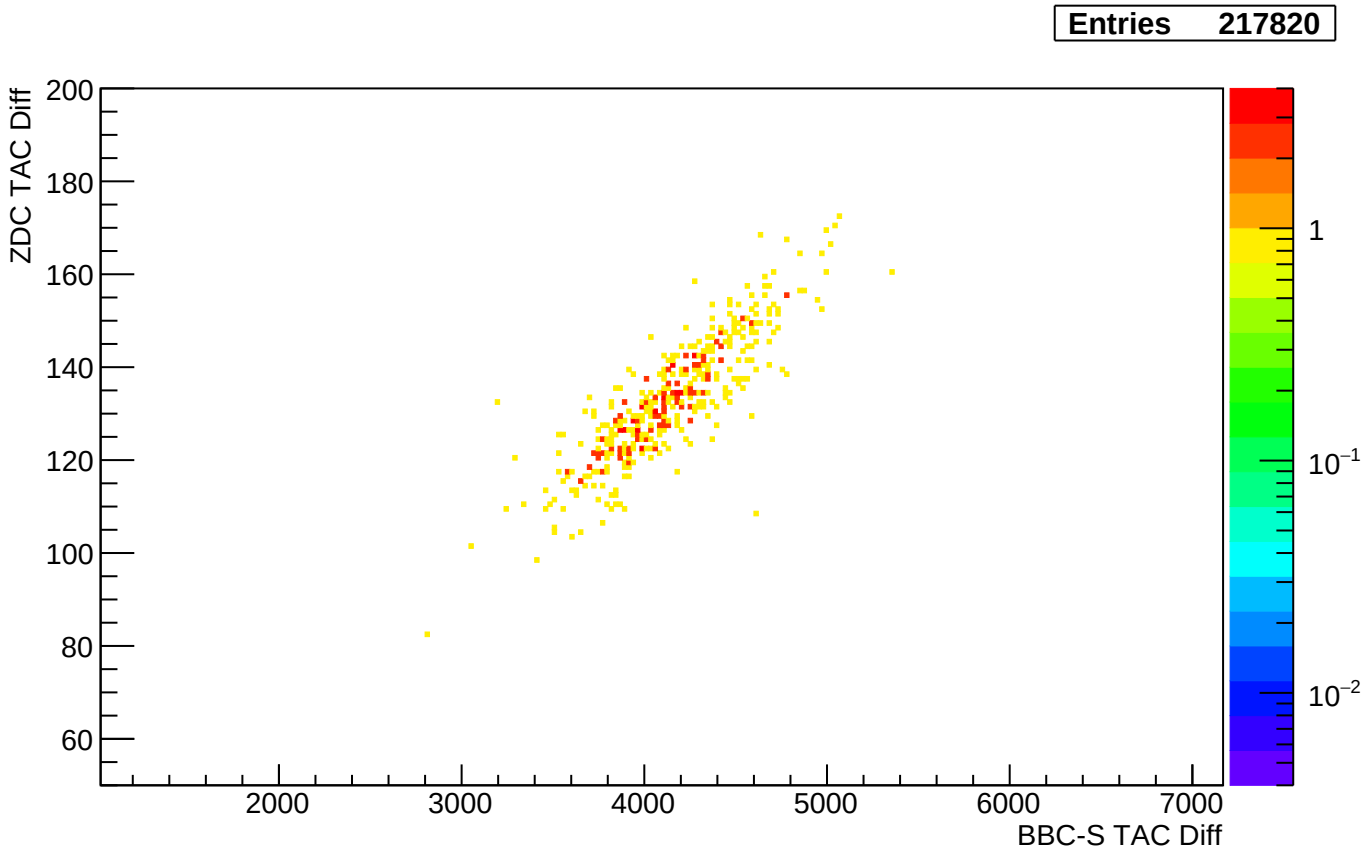

Entries 217820
TOF-Mult
EPD-West Hit Cnt

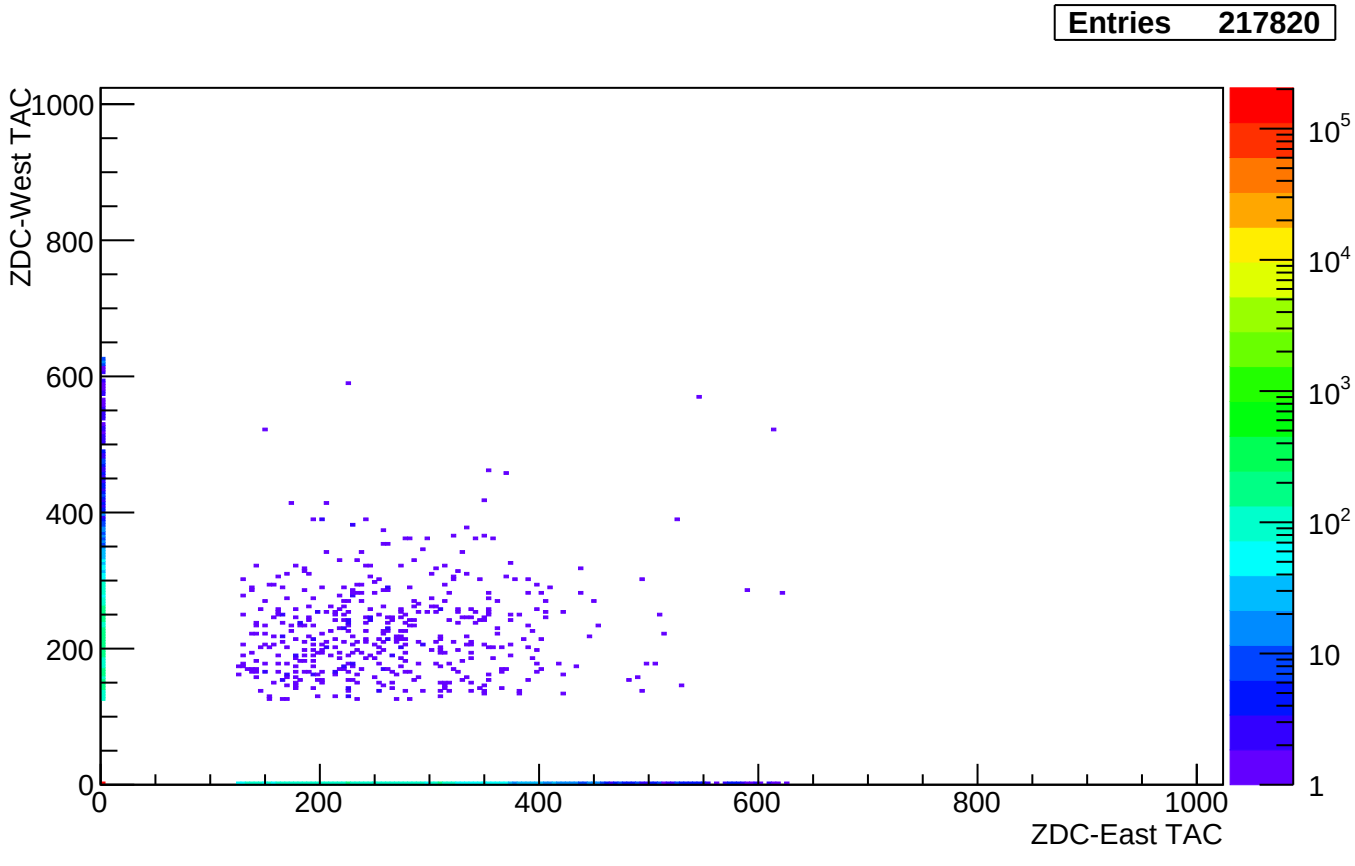

Entries 217820
TOF-Mult
VPD-East ADC Sum

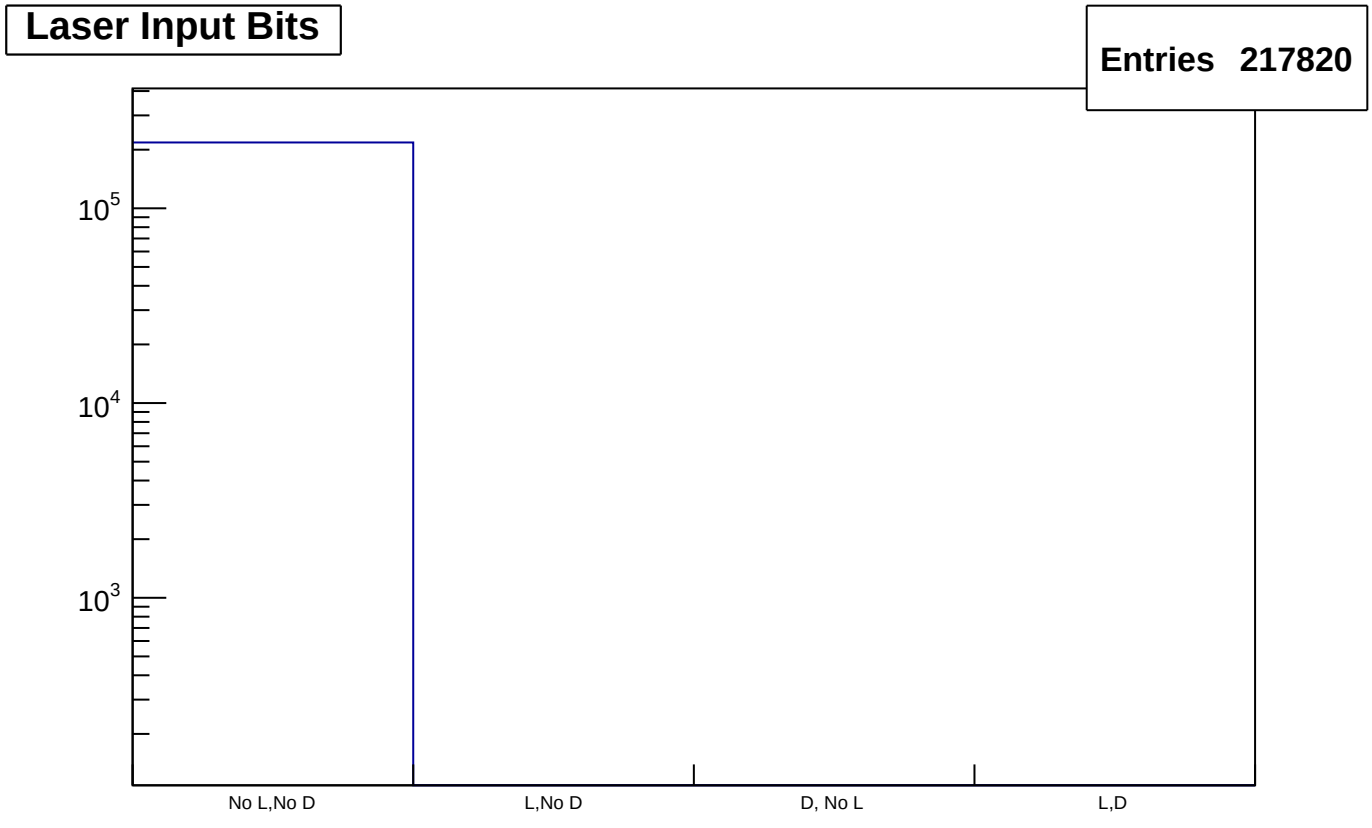

Entries 217820
TOF-Mult
VPD-West ADC Sum

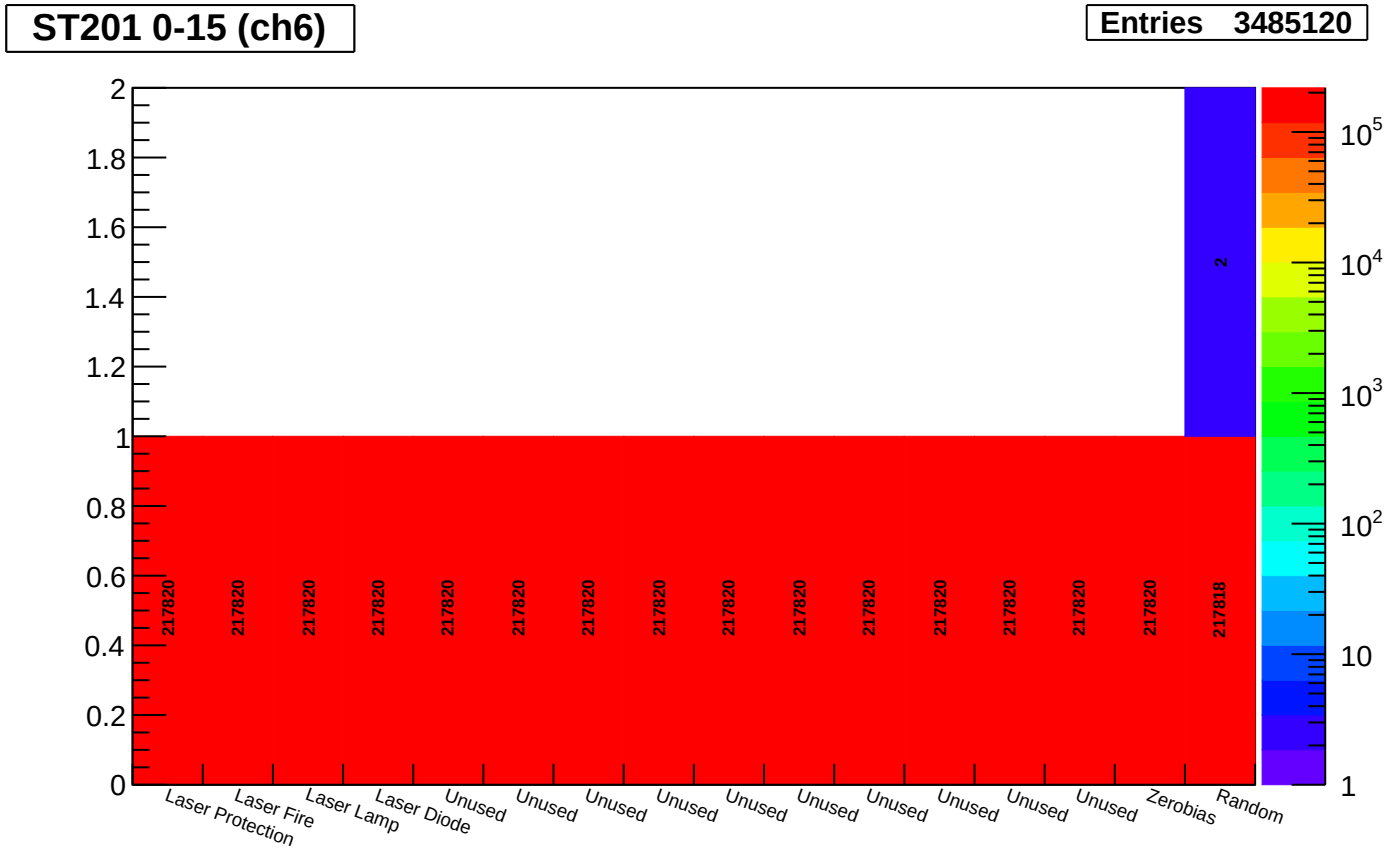

Entries 217820
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

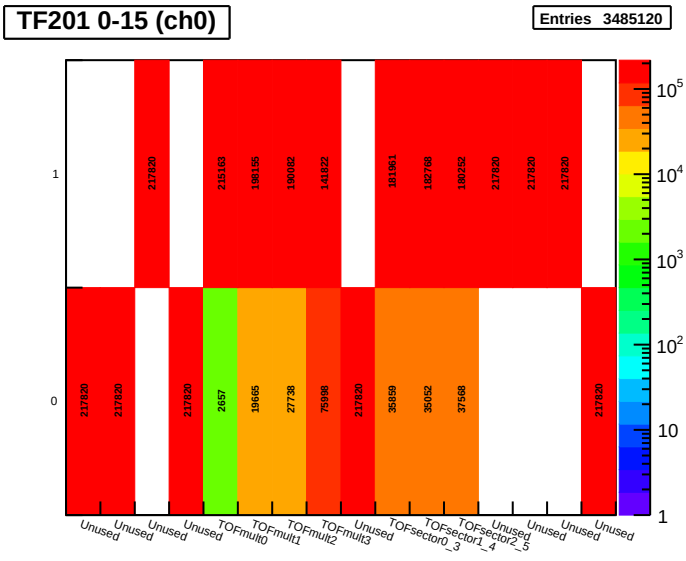

Entries 217820
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

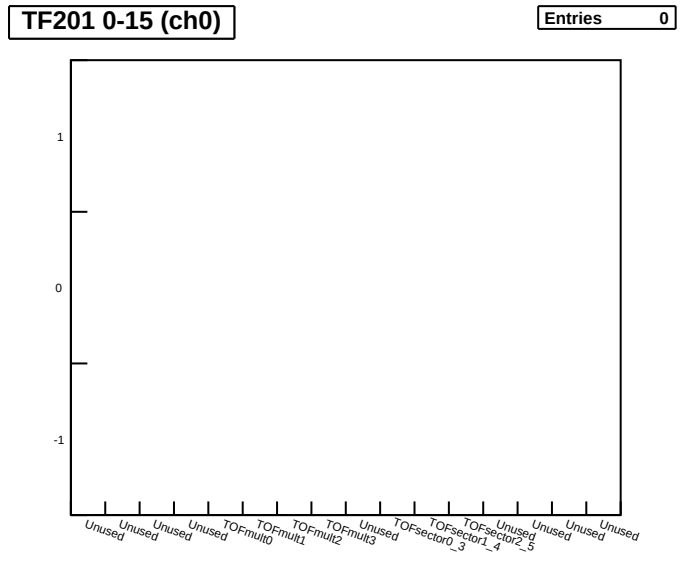

Entries 217820
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

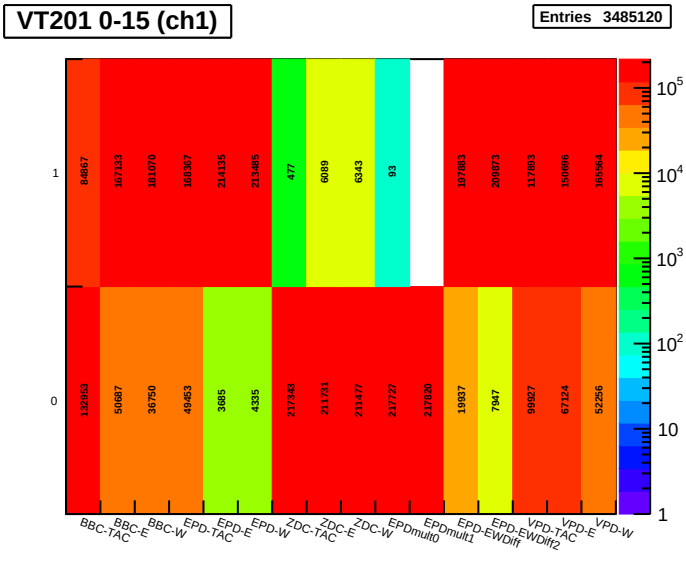

Entries 217820
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

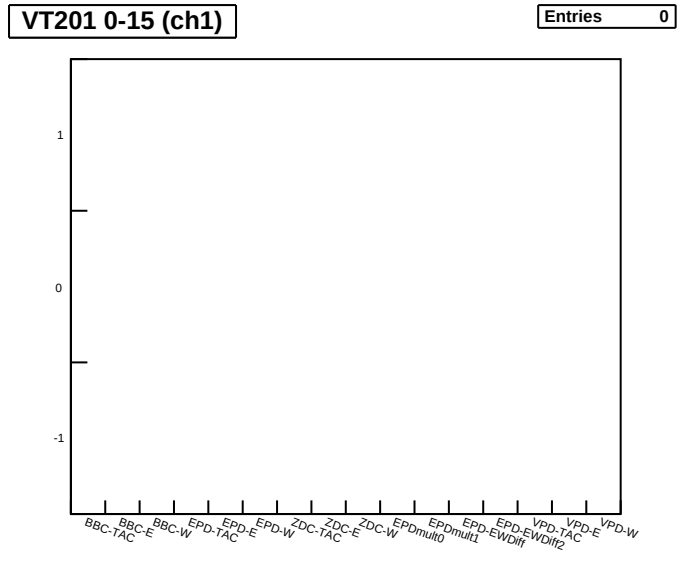

Laser Input Bits
Entries 217820
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

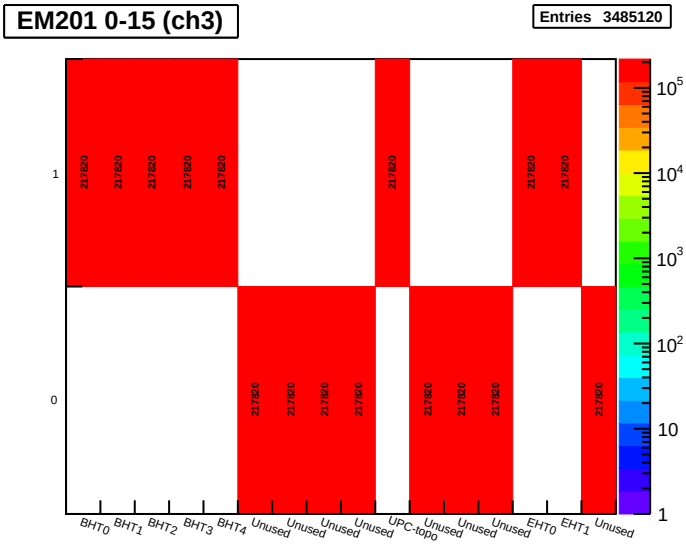

ST201 0-15 (ch6)
Entries 3485120
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
217820
217818
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

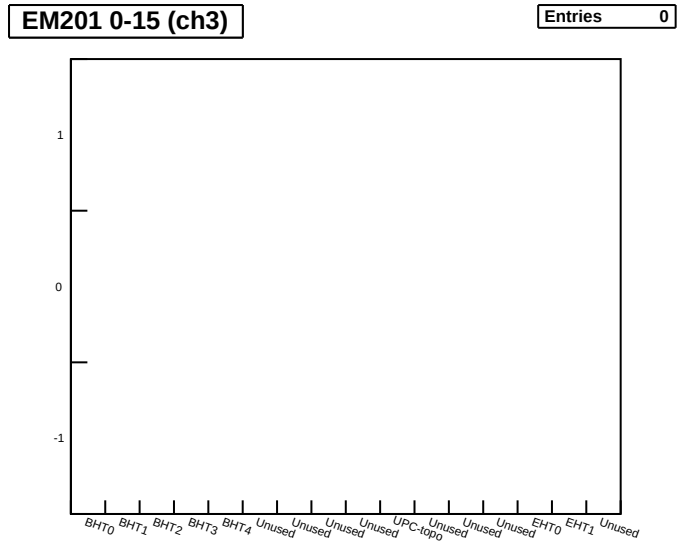

TF201 0-15 (ch0)
Entries 3485120
1
0
217820
215163
198155
190082
141822
181961
182768
180252
217820
217820
217820
217820
217820
217820
2657
19665
27738
75998
217820
35899
35052
37568
217820
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 3485120
1
0
84867
167133
181070
168367
214135
213485
477
6089
6343
93
197883
209873
117893
150696
165564
132953
50687
36750
49453
3685
4335
217343
211731
211477
217727
217820
19937
7947
99927
67124
52256
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 3485120
1
0
217820
217820
217820
217820
217820
217820
217820
217820
217820
217820
217820
217820
217820
217820
217820
217820
217820
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