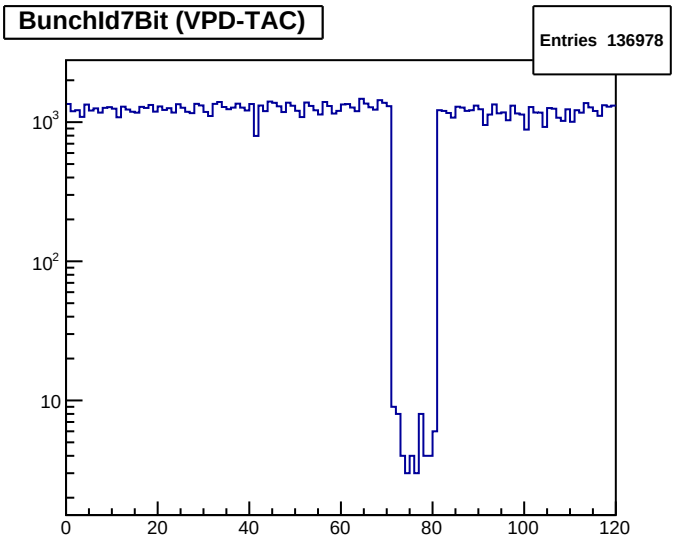
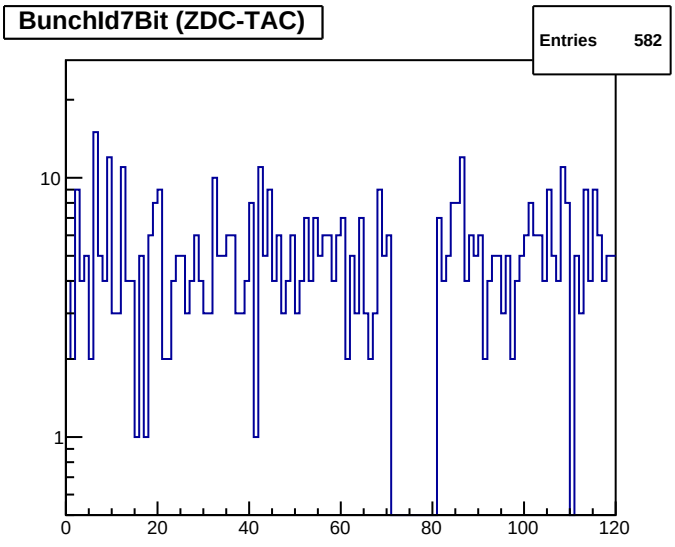
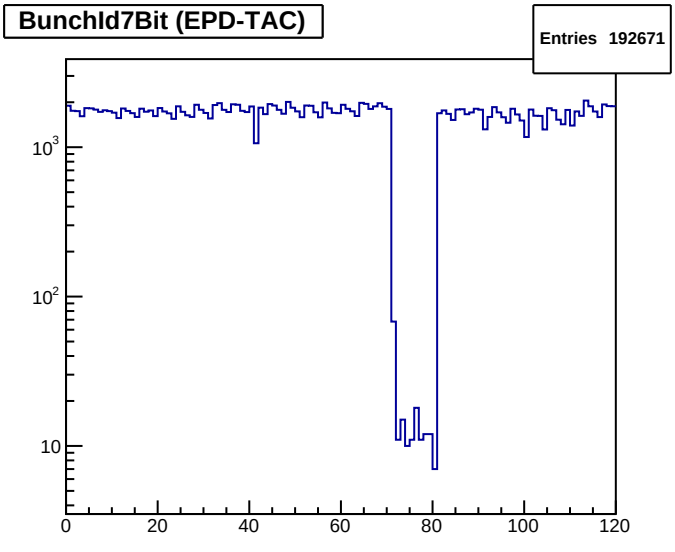
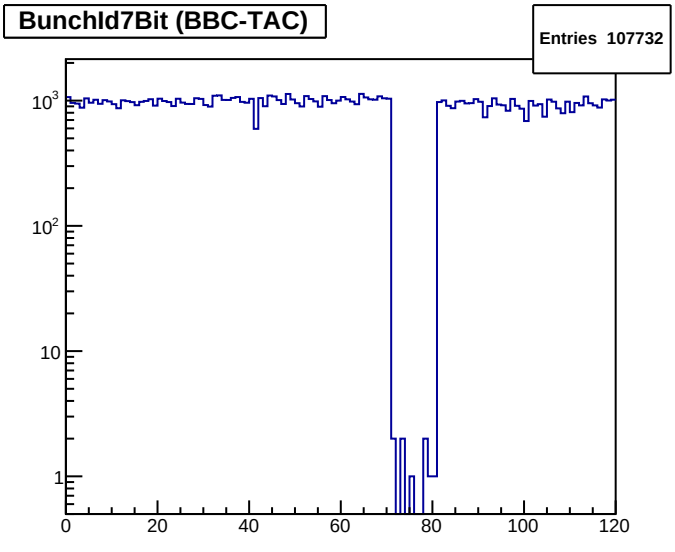
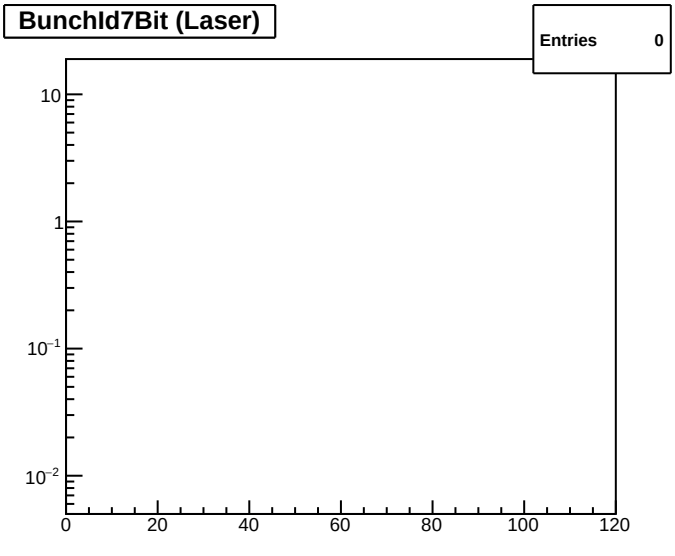
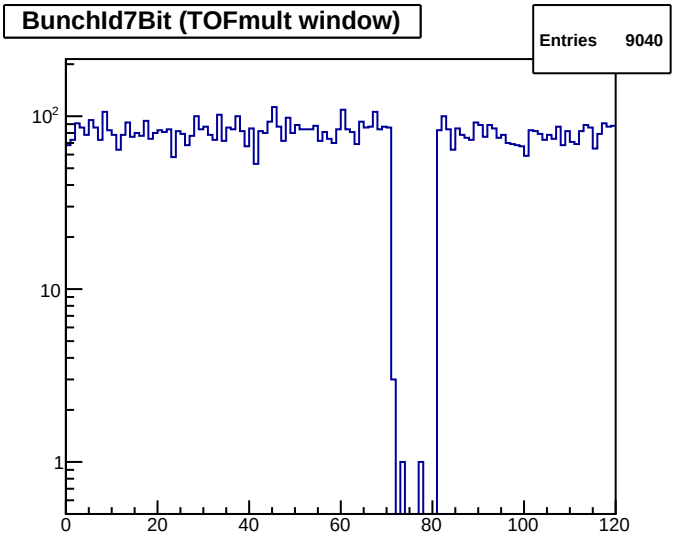

BunchId7Bit (VPD-TAC)
Entries 136978

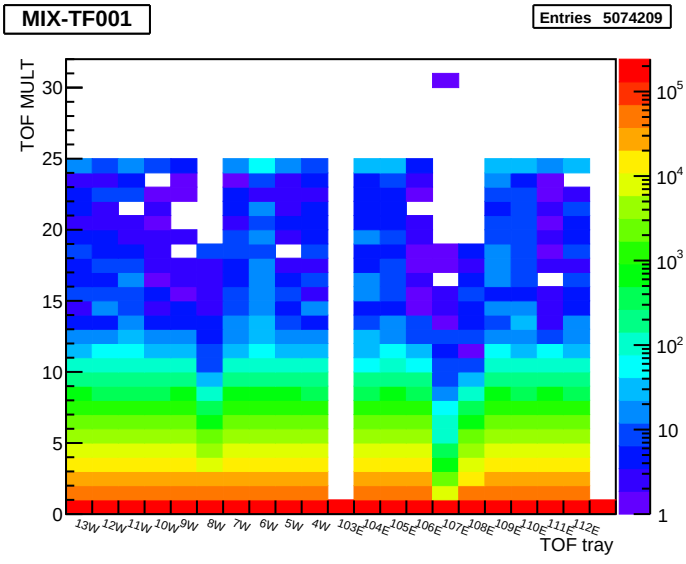

BunchId7Bit (ZDC-TAC)
Entries 582

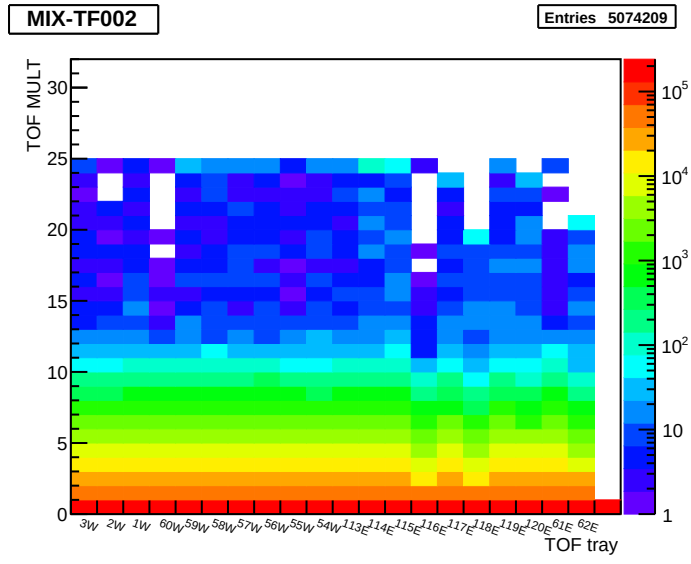

BunchId7Bit (EPD-TAC)
Entries 192671

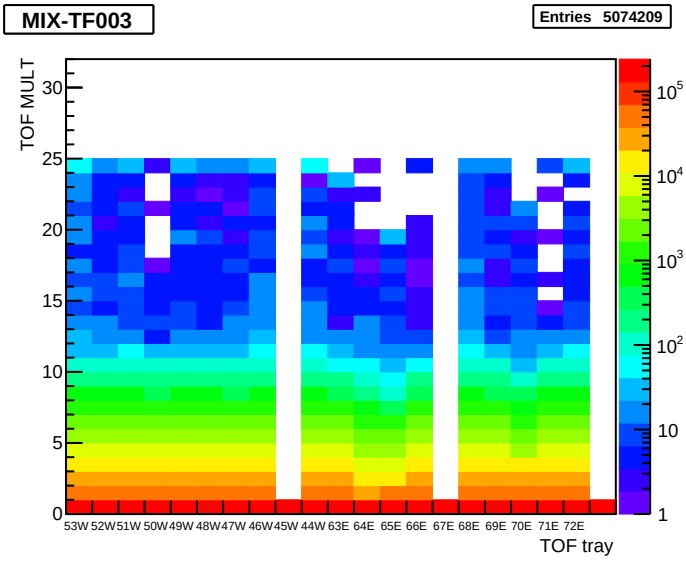

BunchId7Bit (BBC-TAC)
Entries 107732

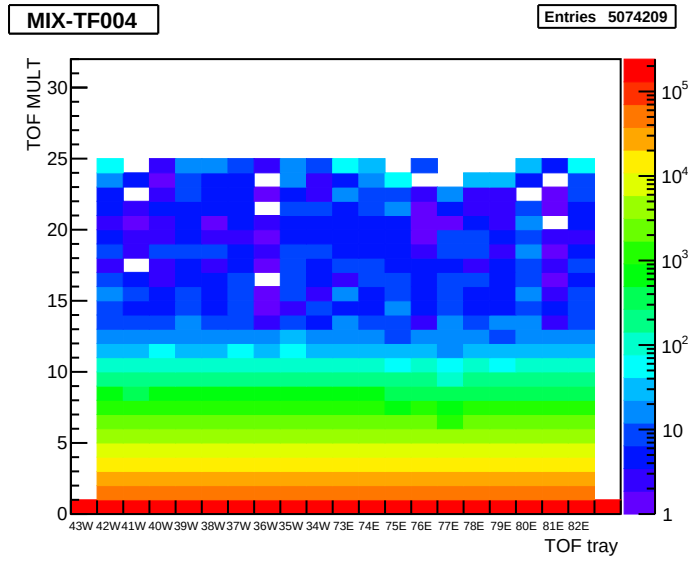

BunchId7Bit (Laser)
Entries 0

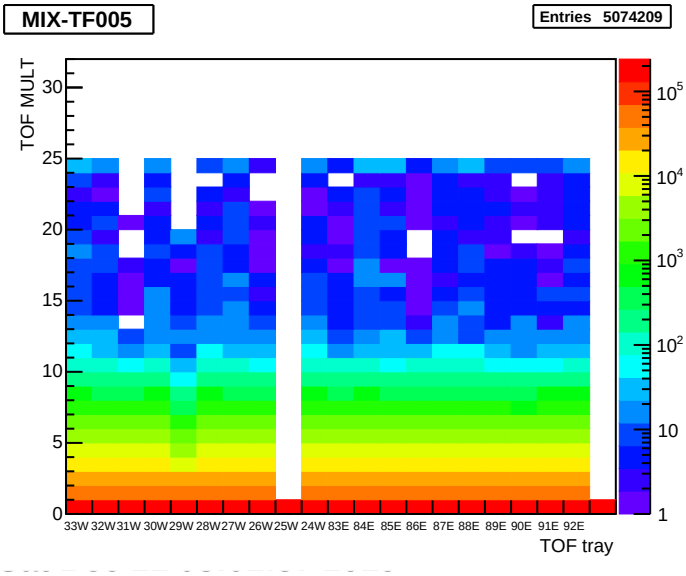

BunchId7Bit (TOFmult window)
Entries 9040

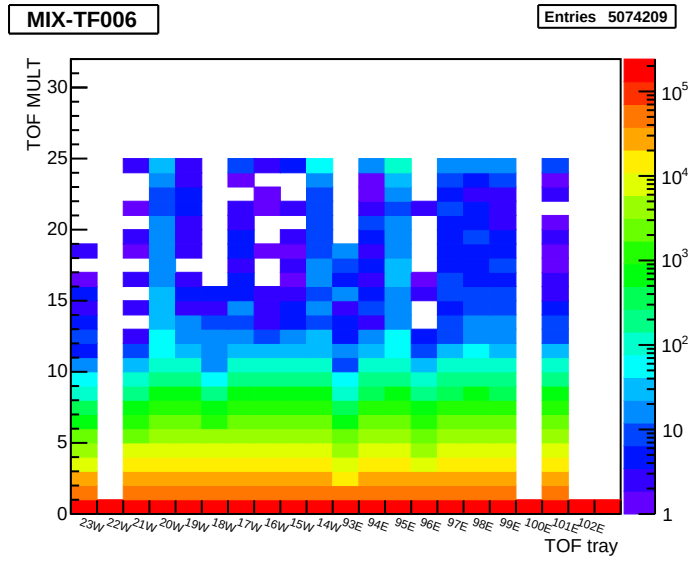

MIX-TF001
Entries 5074209
TOF MULT
TOF tray

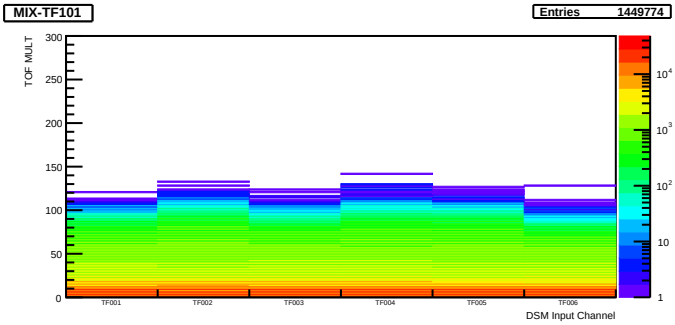

MIX-TF002
Entries 5074209
TOF MULT
TOF tray

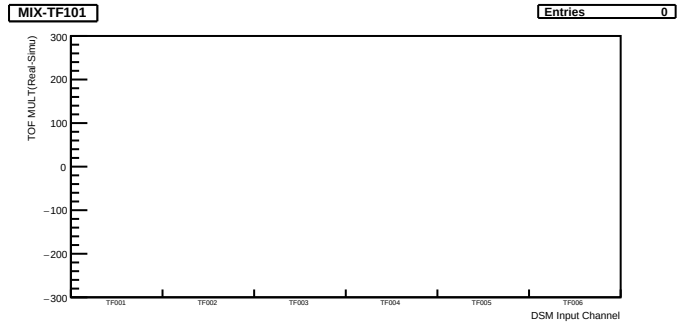

MIX-TF003
Entries 5074209
TOF MULT
TOF tray

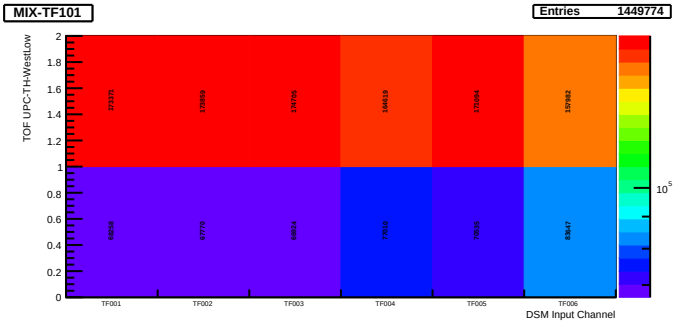

MIX-TF004
Entries 5074209
TOF MULT
TOF tray

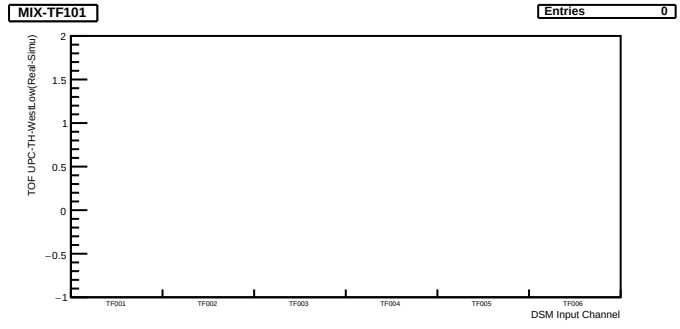

MIX-TF005
Entries 5074209
TOF MULT
TOF tray

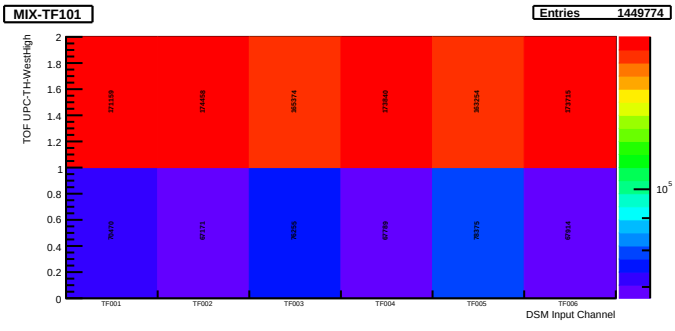

MIX-TF006
Entries 5074209
TOF MULT
TOF tray

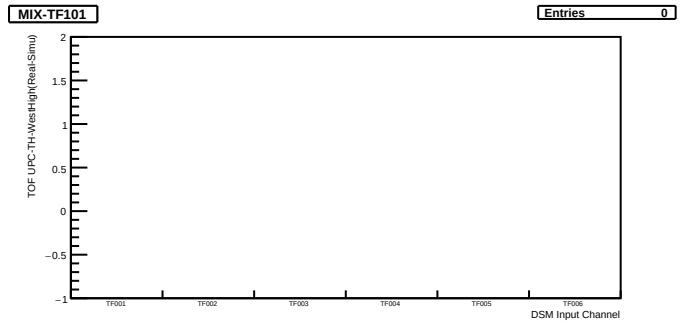

MIX-TF101
Entries 1449774
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

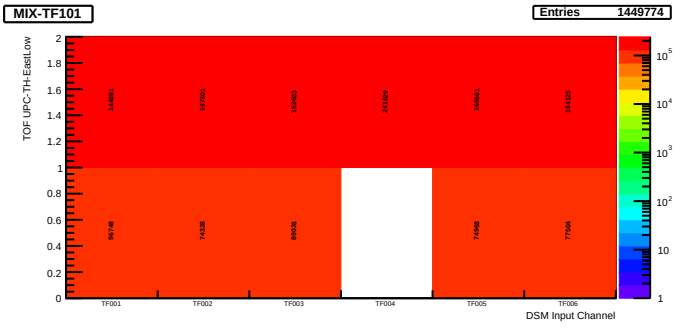

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

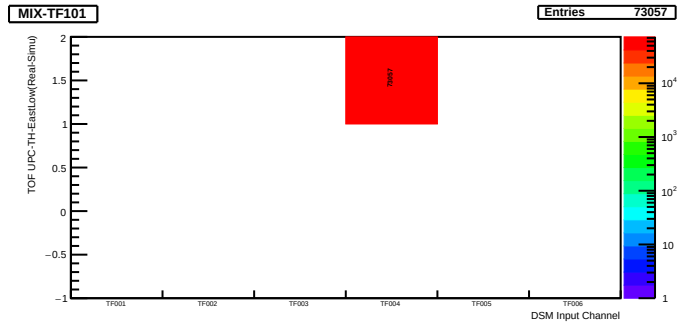

MIX-TF101
Entries 1449774
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

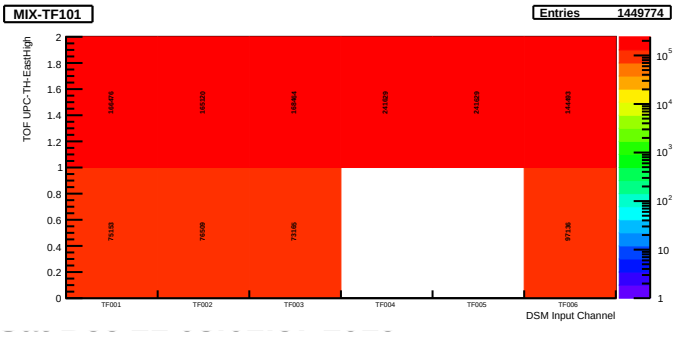

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

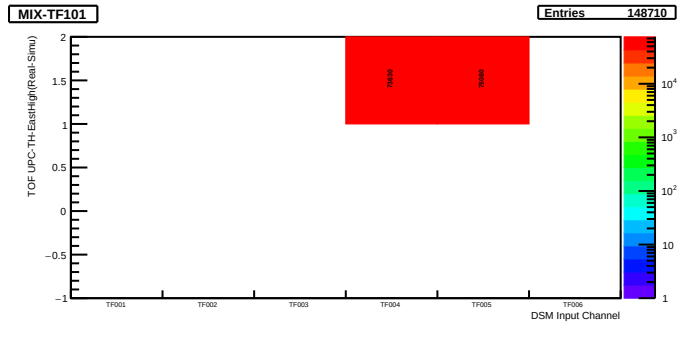

MIX-TF101
Entries 1449774
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

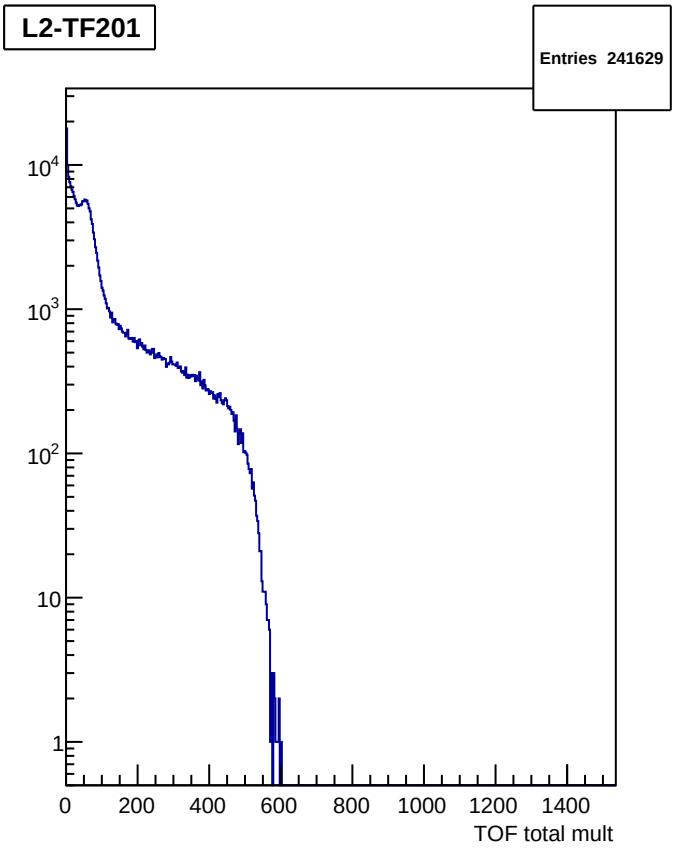

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

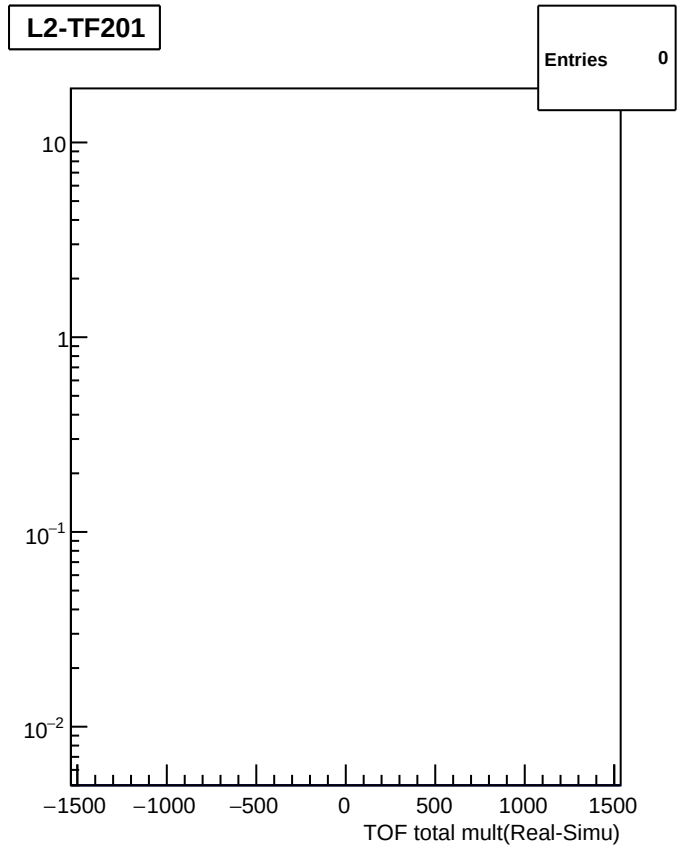

MIX-TF101
Entries 1449774
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

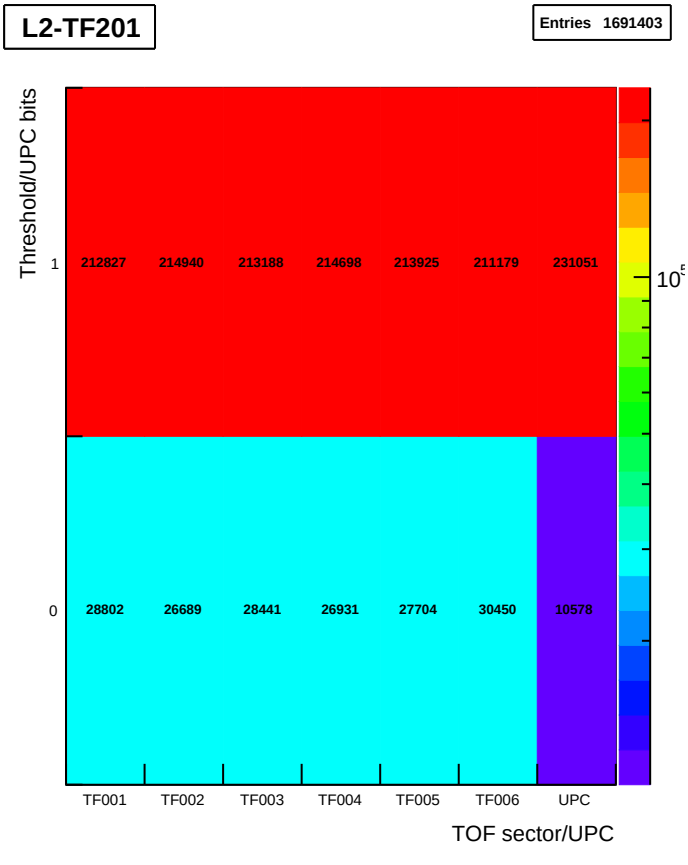

MIX-TF101
Entries 73057
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

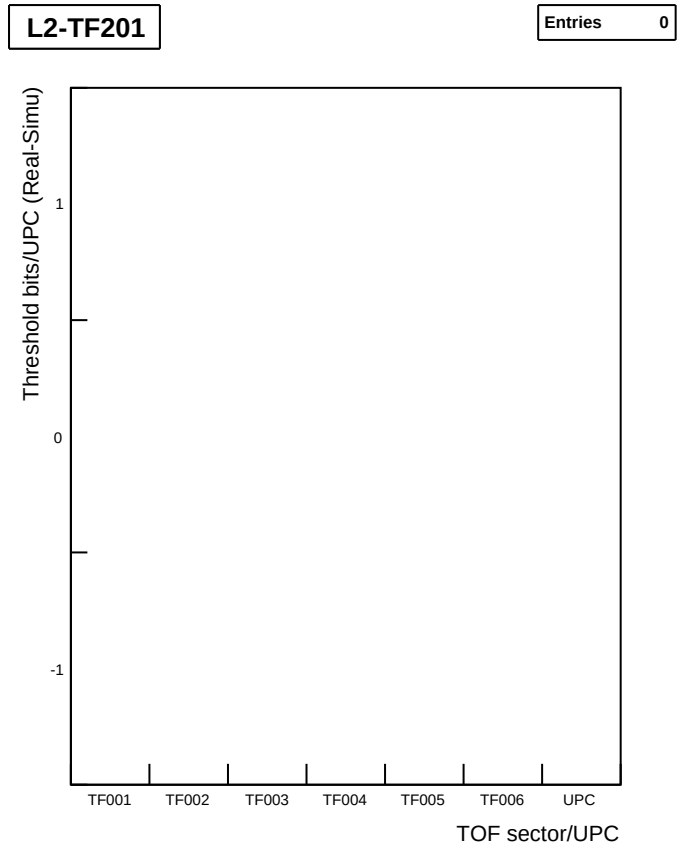

MIX-TF101
Entries 1449774
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

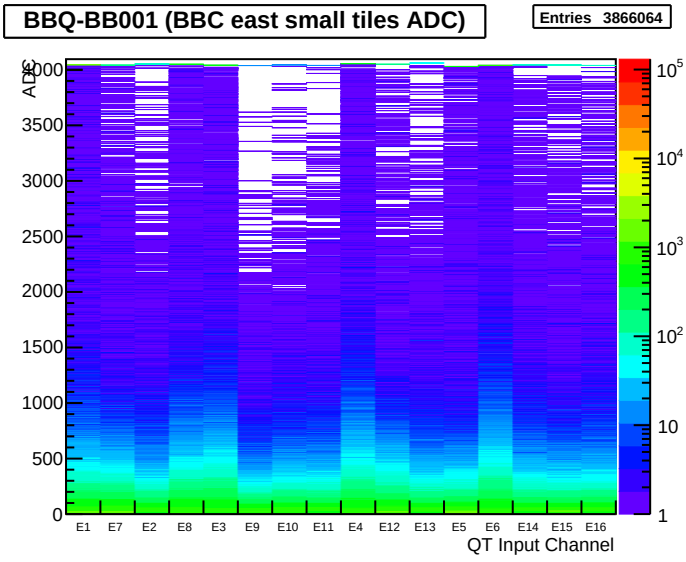

MIX-TF101
Entries 148710
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

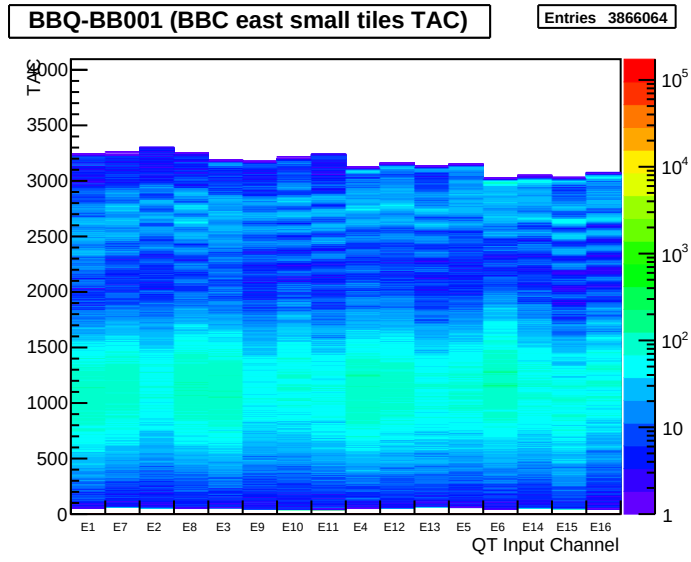

L2-TF201
Entries 241629
TOF total mult

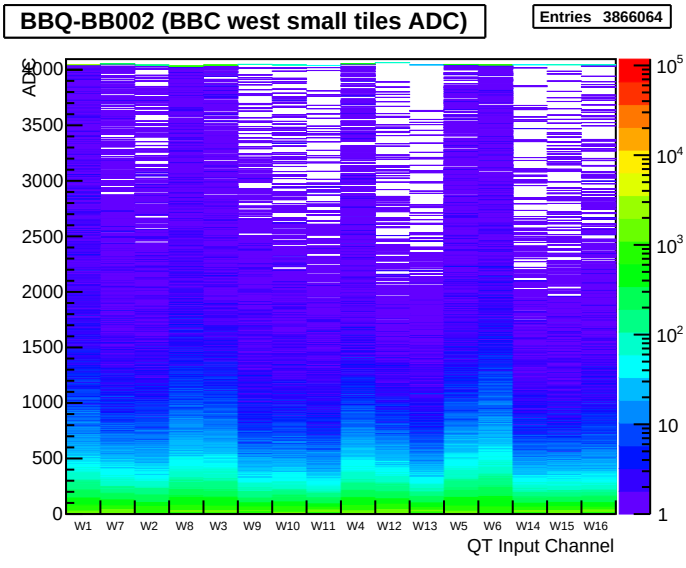

L2-TF201
Entries 0
TOF total mult(Real-Simu)

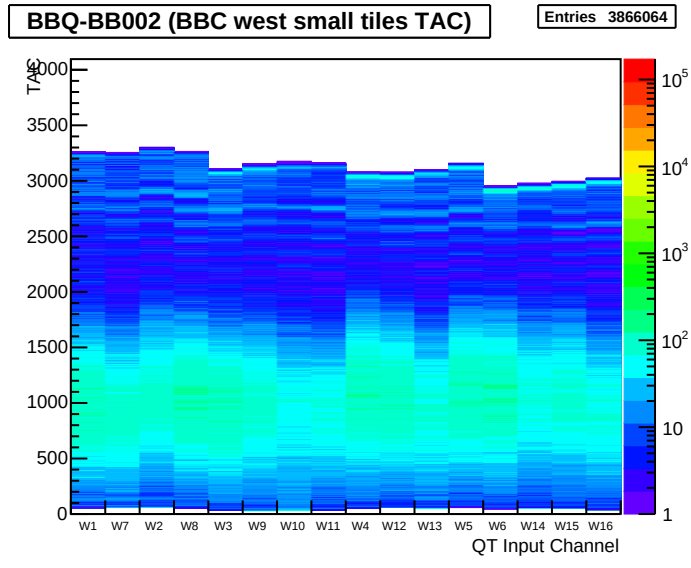

L2-TF201
Entries 1691403
Threshold/UPC bits
212827
214940
213188
214698
213925
211179
231051
28802
26689
28441
26931
27704
30450
10578
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

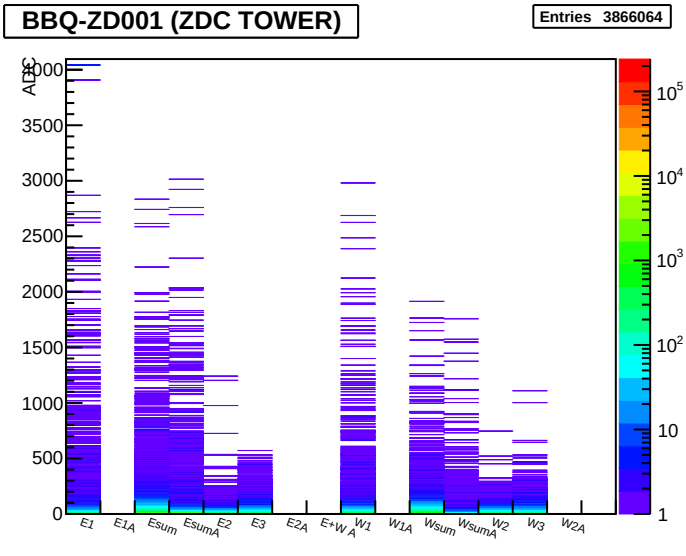

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

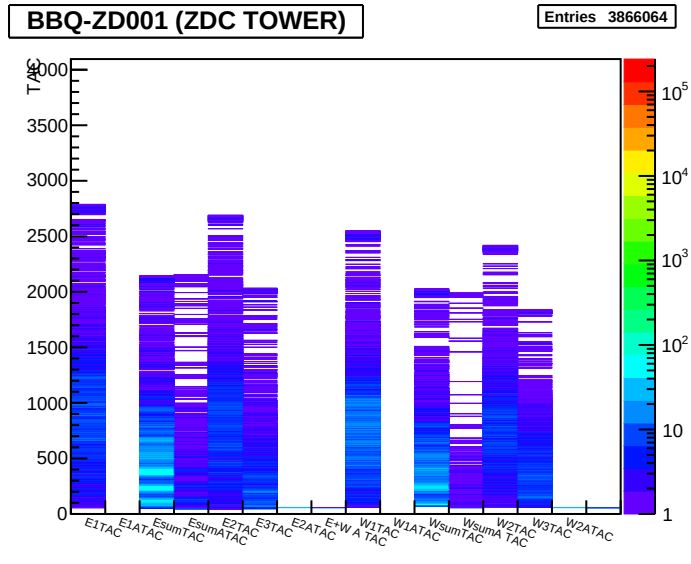

BBQ-BB001 (BBC east small tiles ADC)
Entries 3866064
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

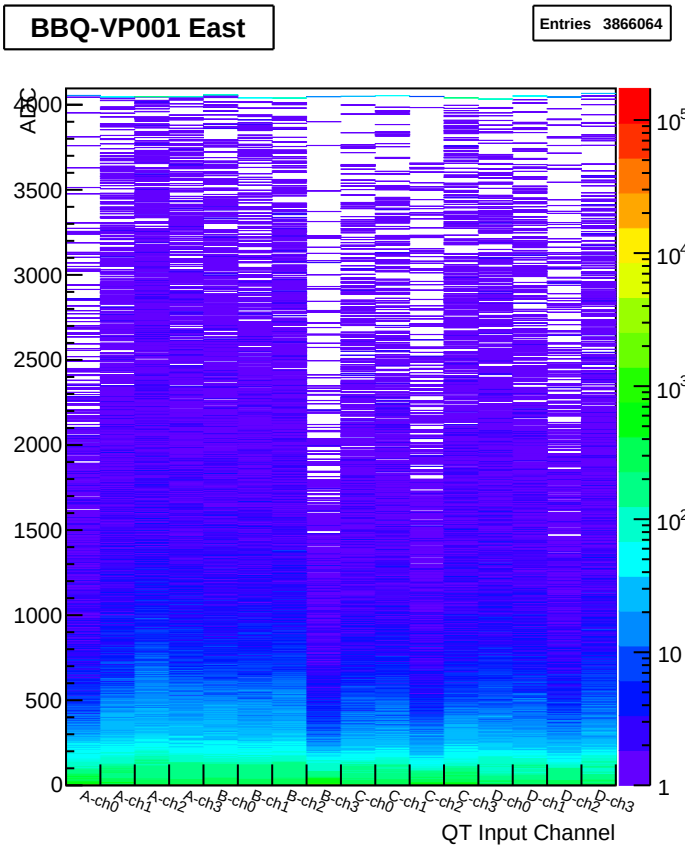

BBQ-BB001 (BBC east small tiles TAC)
Entries 3866064
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

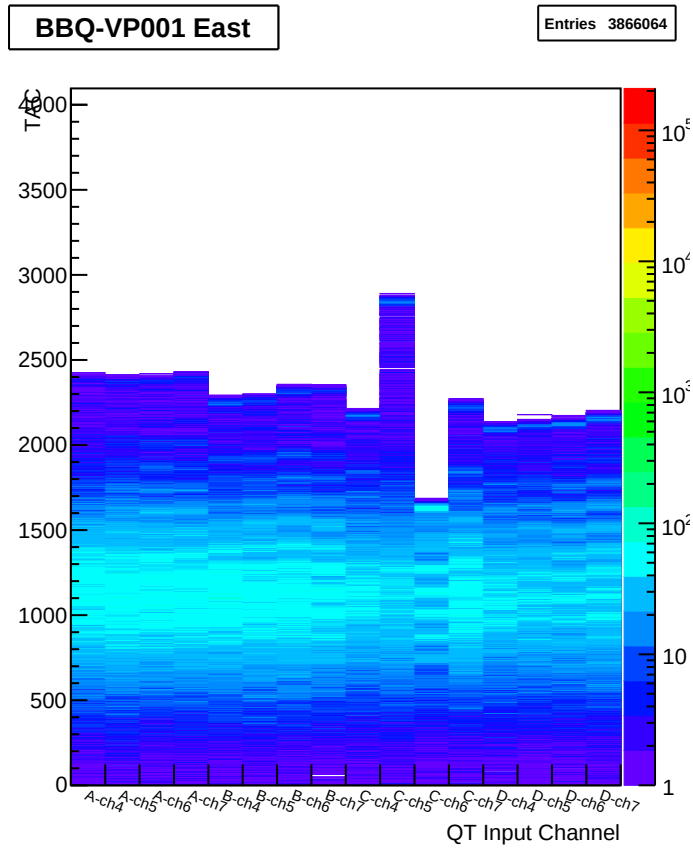

BBQ-BB002 (BBC west small tiles ADC)
Entries 3866064
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

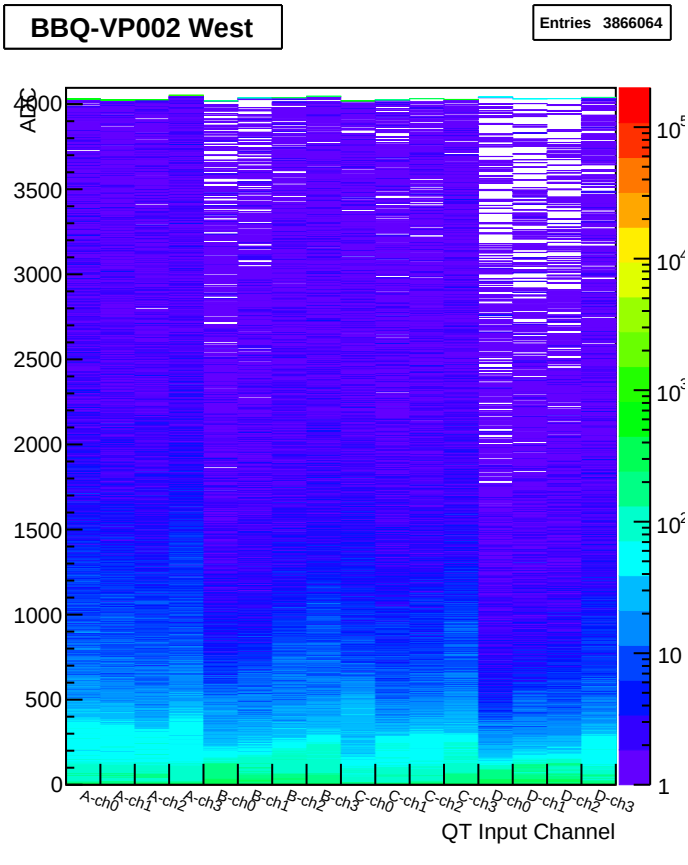

BBQ-BB002 (BBC west small tiles TAC)
Entries 3866064
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

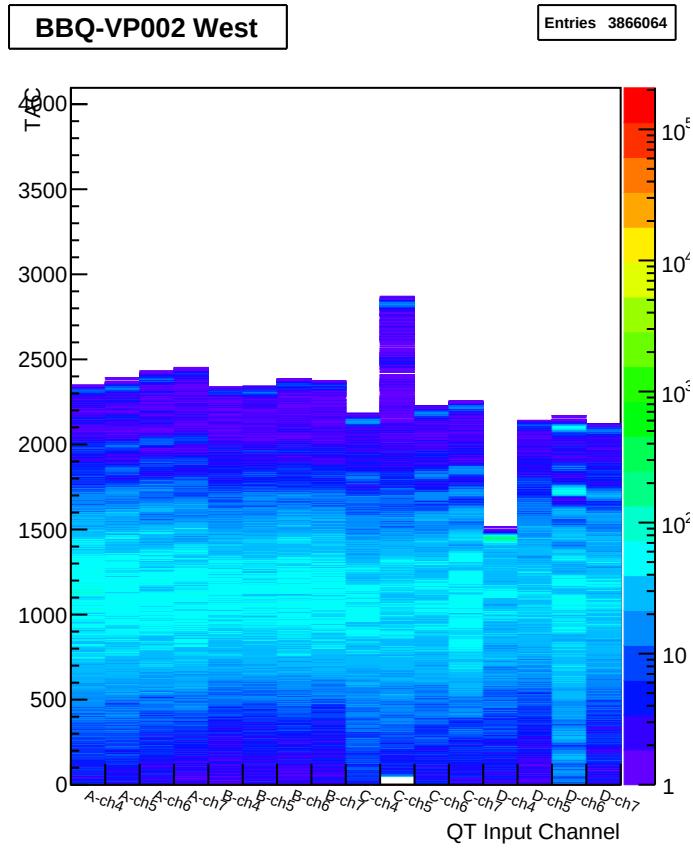

BBQ-ZD001 (ZDC TOWER)
Entries 3866064
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

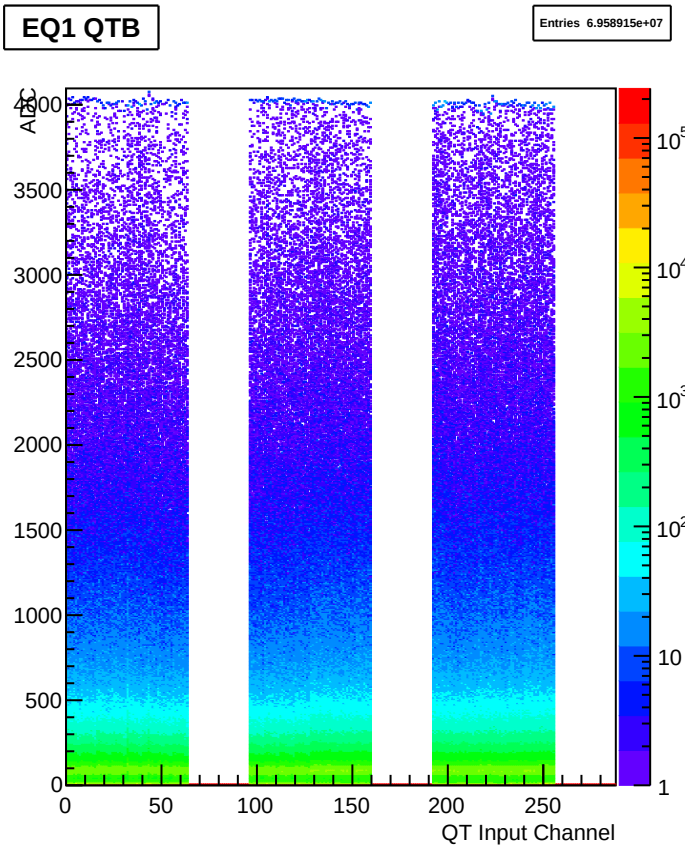

BBQ-ZD001 (ZDC TOWER)
Entries 3866064
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

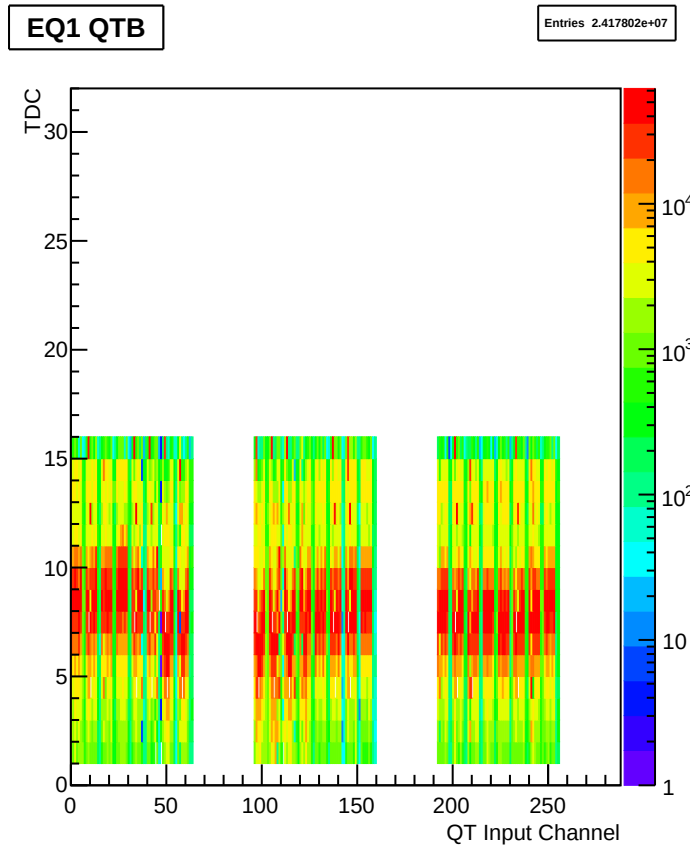

BBQ-VP001 East
Entries 3866064
ADC
QT Input Channel

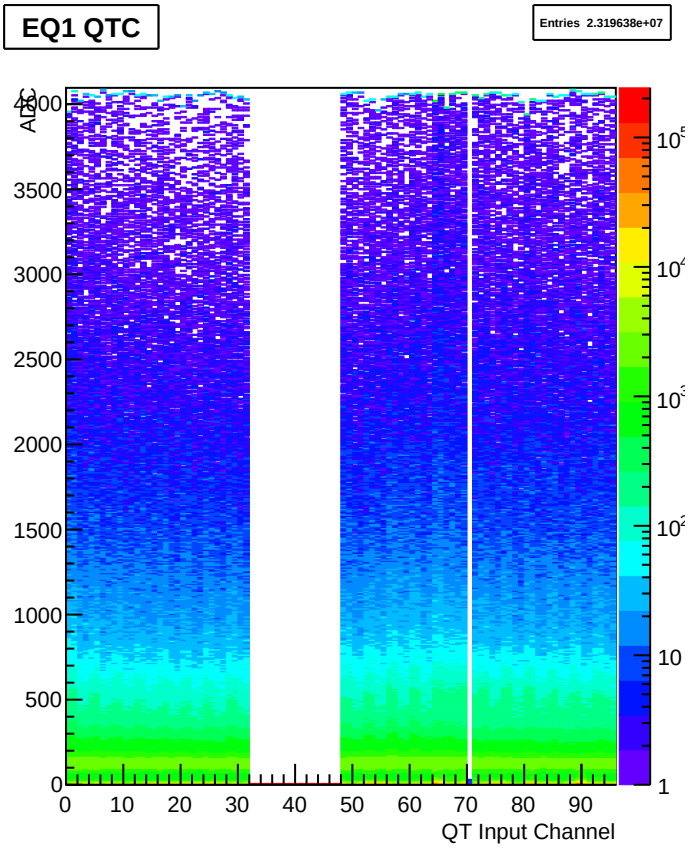

BBQ-VP001 East
Entries 3866064
TADC
QT Input Channel

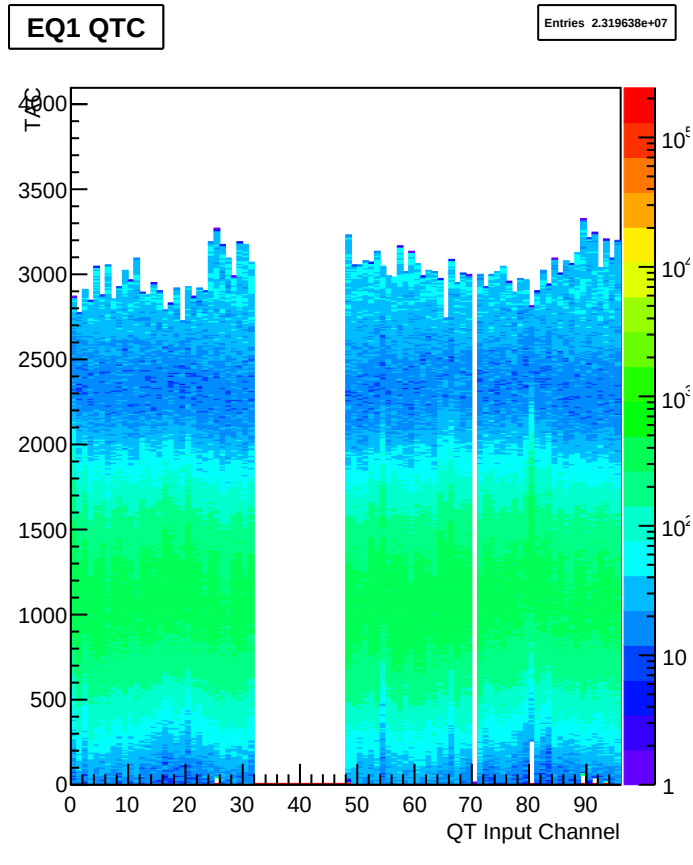

BBQ-VP002 West
Entries 3866064
ADC
QT Input Channel

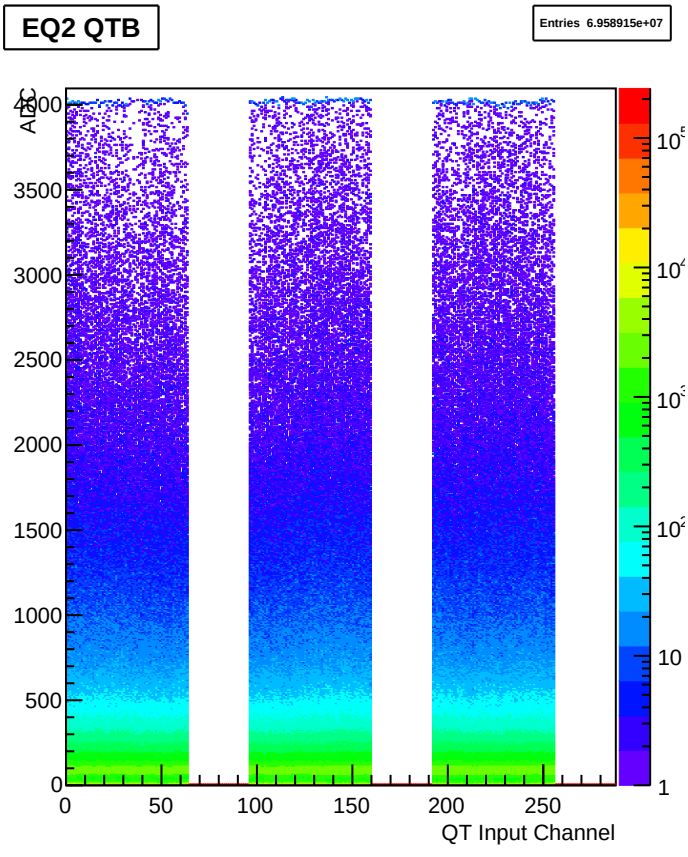

BBQ-VP002 West
Entries 3866064
TADC
QT Input Channel

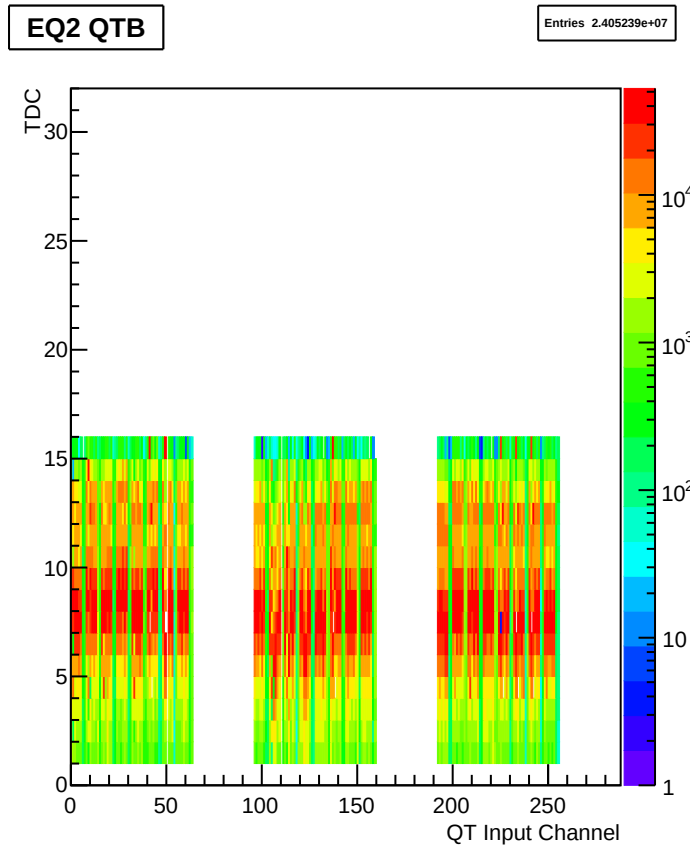

EQ1 QTB
Entries 6.958915e+07
ADC
QT Input Channel

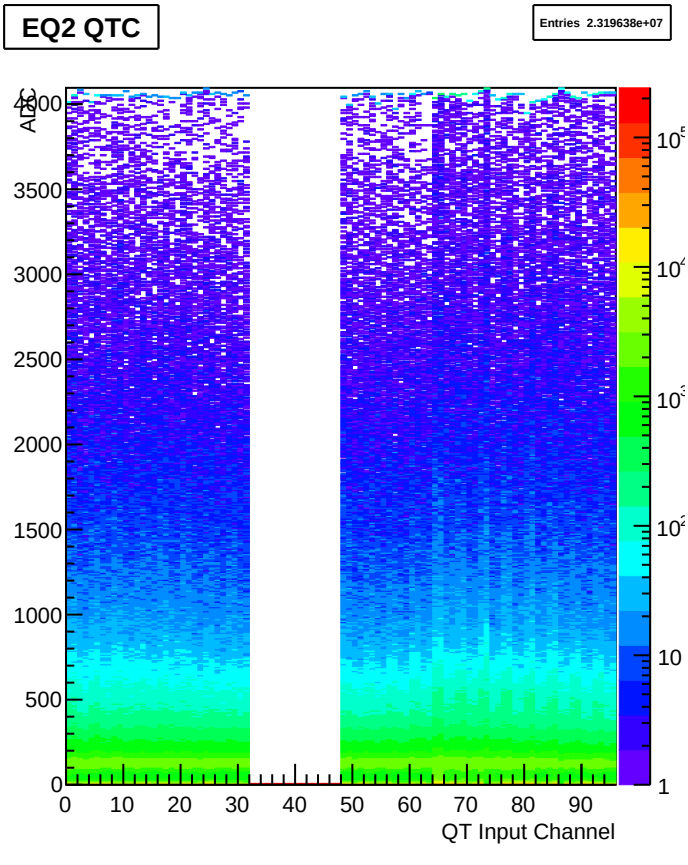

EQ1 QTB
Entries 2.417802e+07
TDC
QT Input Channel

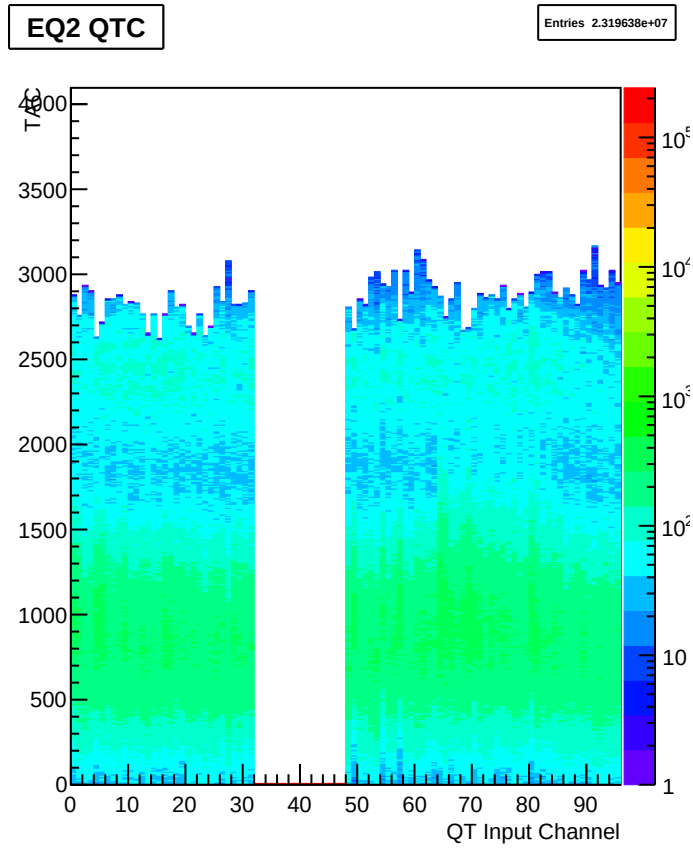

EQ1 QTC
Entries 2.319638e+07
ADC
QT Input Channel

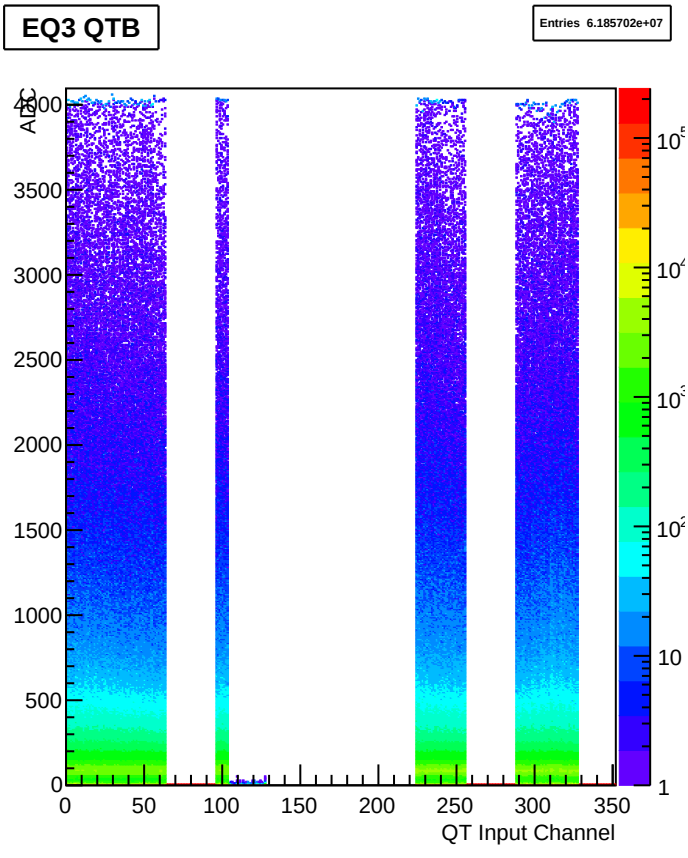

EQ1 QTC
Entries 2.319638e+07
TADC
QT Input Channel

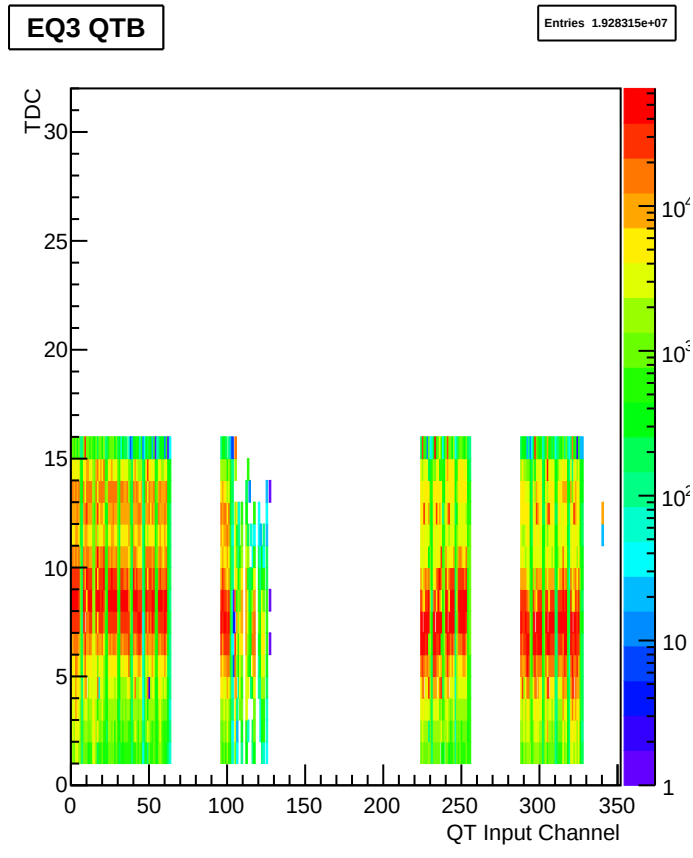

EQ2 QTB
Entries 6.958915e+07
ADC
QT Input Channel

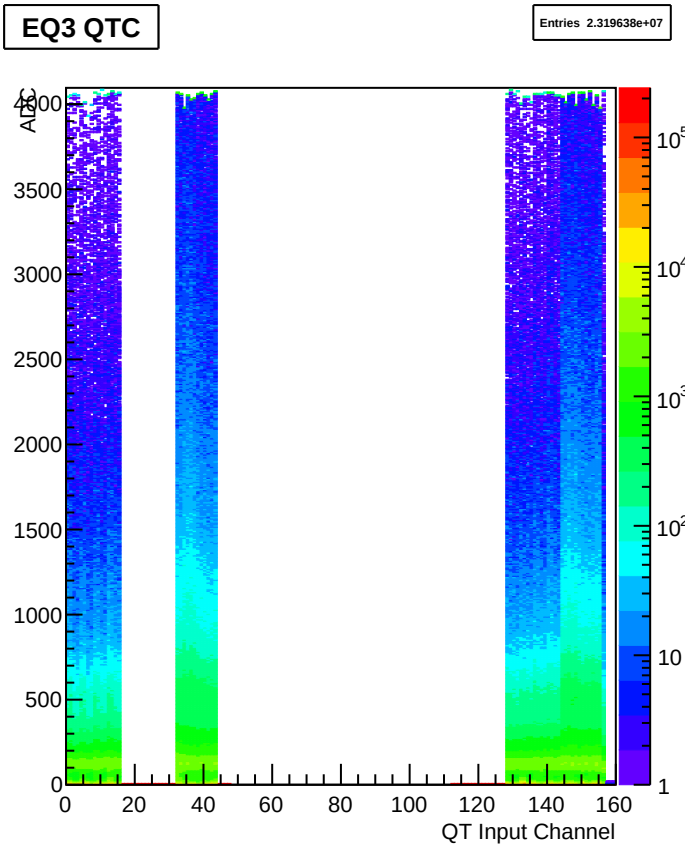

EQ2 QTB
Entries 2.405239e+07
TDC
QT Input Channel

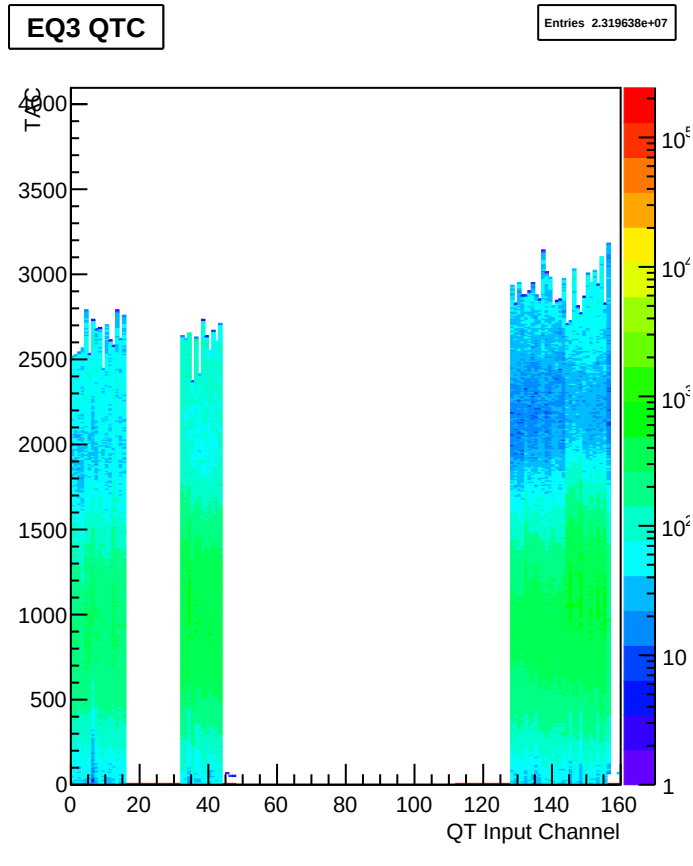

EQ2 QTC
Entries 2.319638e+07
ADC
QT Input Channel

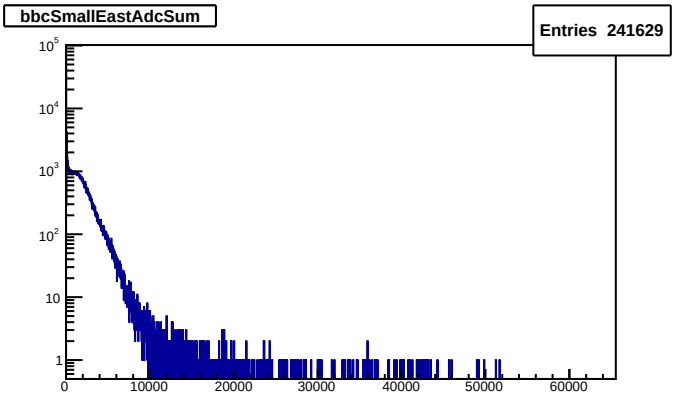

EQ2 QTC
Entries 2.319638e+07
TADC
QT Input Channel

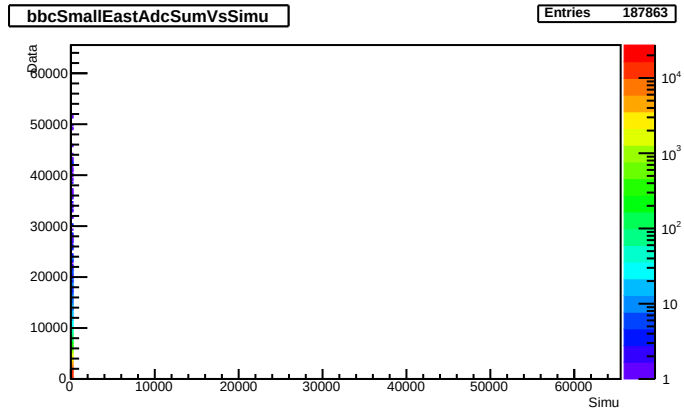

EQ3 QTB
Entries 6.185702e+07
ADC
QT Input Channel

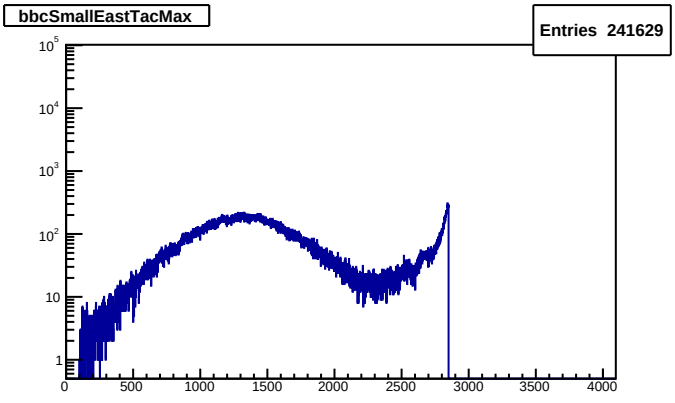

EQ3 QTB
Entries 1.928315e+07
TDC
QT Input Channel

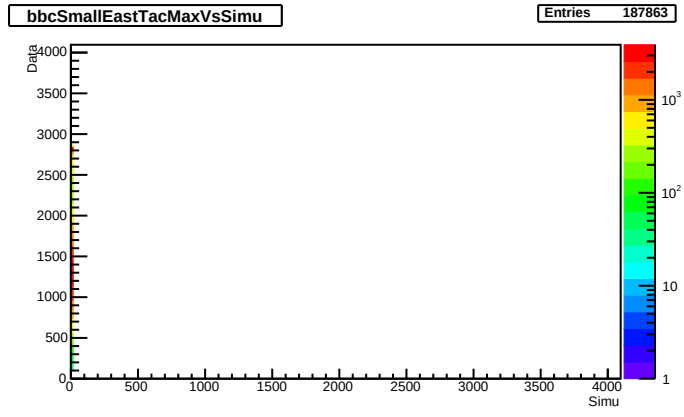

EQ3 QTC
Entries 2.319638e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.319638e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 241629


bbcSmallEastAdcSumVsSimu
Entries 187863
Data
Simu


bbcSmallEastTacMax
Entries 241629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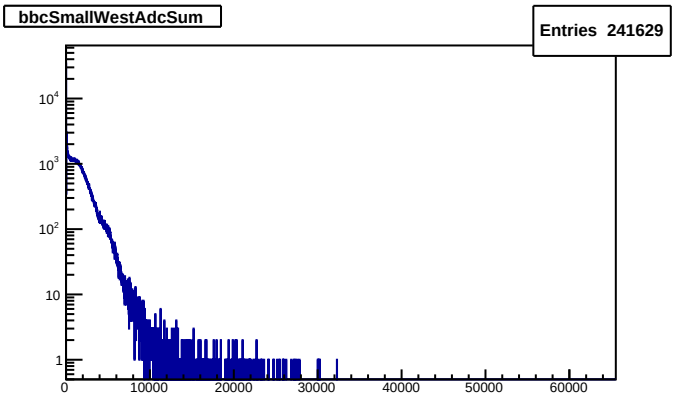
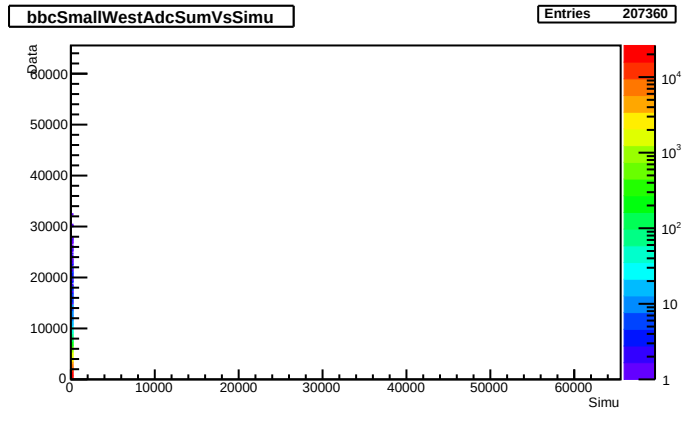
Entries 187863
Data
Simu


bbcSmallWestAdcSum
Entries 241629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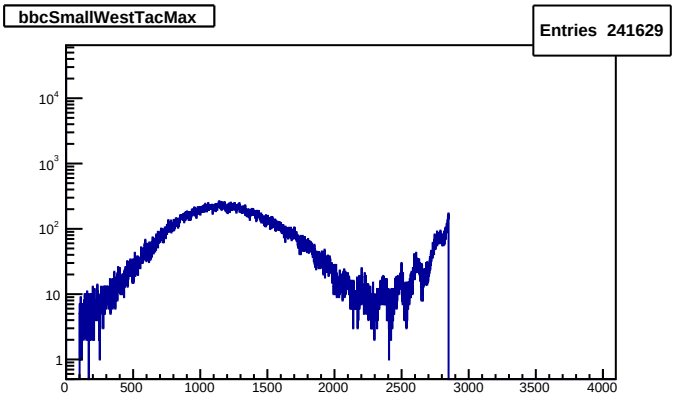
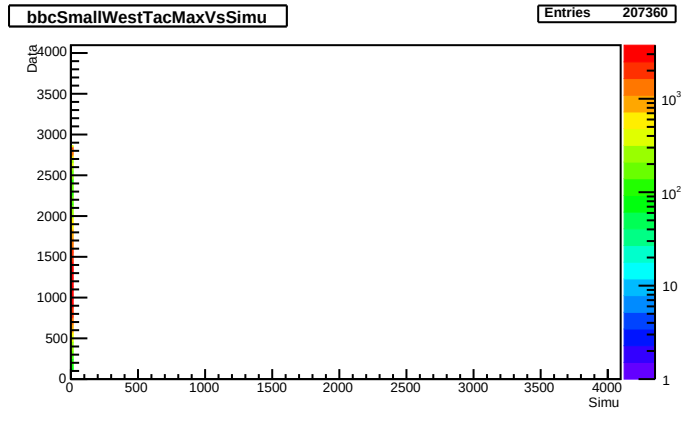
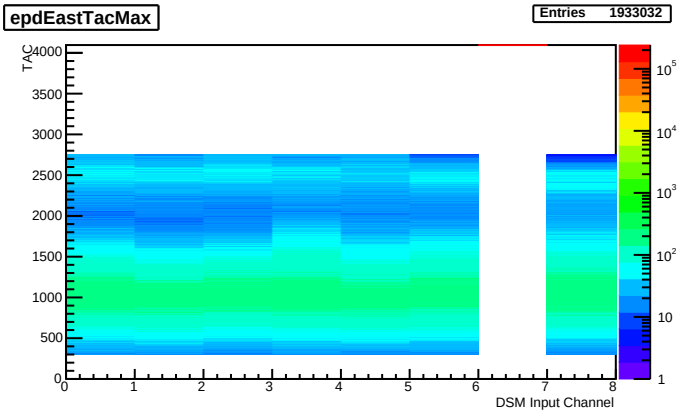
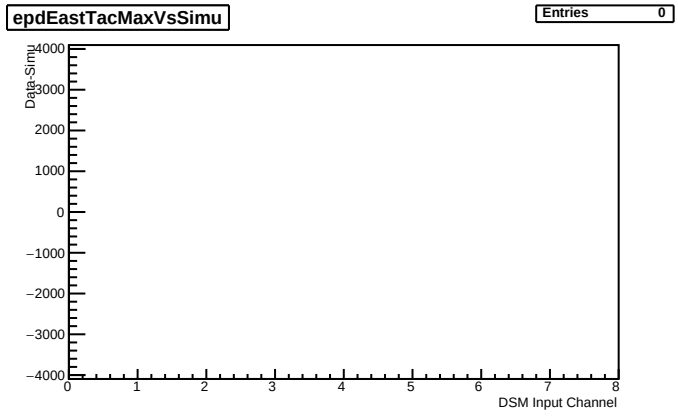
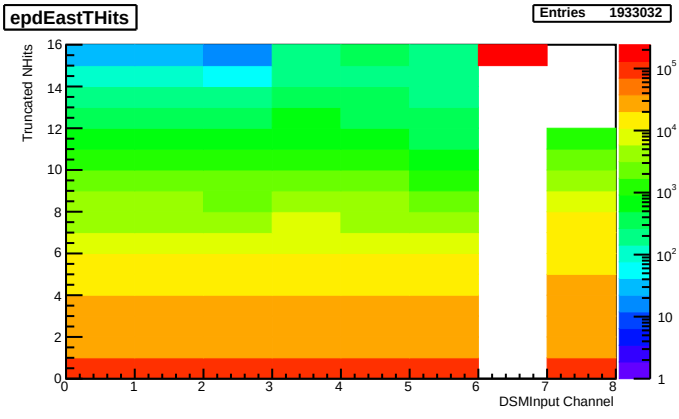
Entries 207360
Data
Simu

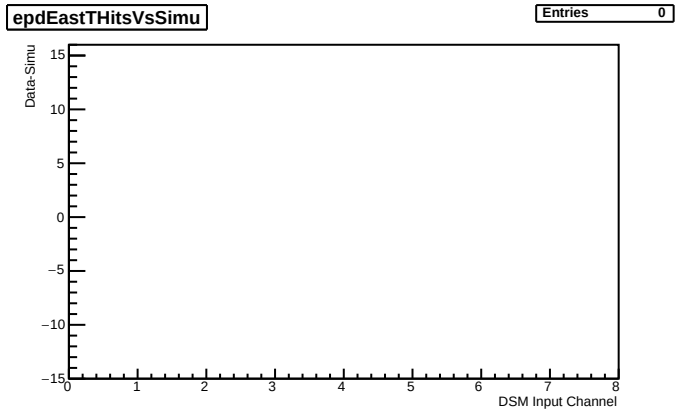

bbcSmallWestTacMax
Entries 241629


bbcSmallWestTacMaxVsSimu
Entries 207360
Data
Simu


epdEastTacMax
Entries 1933032
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1933032
Truncated NHits
DSMInput Channel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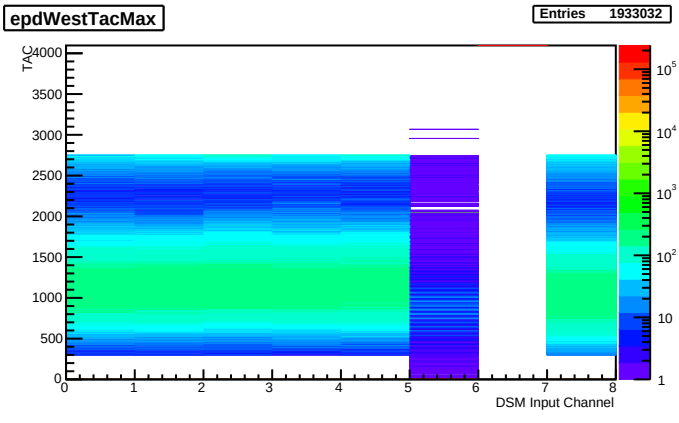
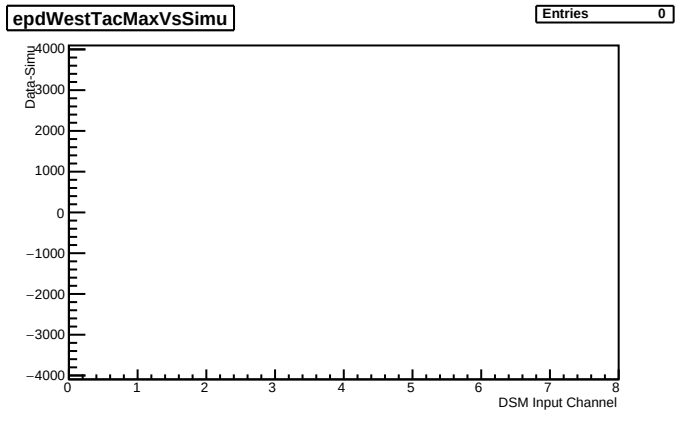
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1933032
TAC
DSM Input Channel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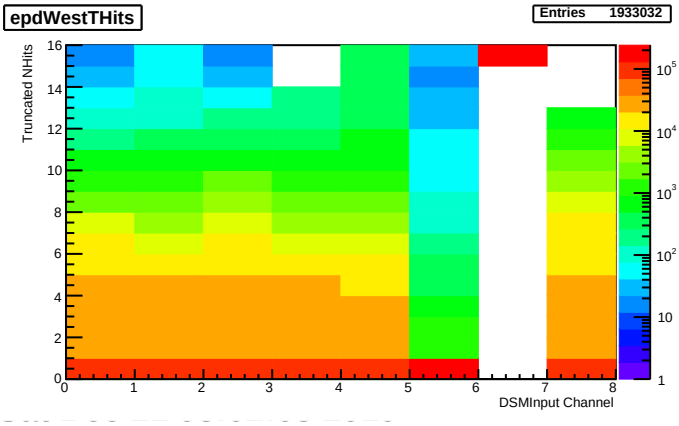
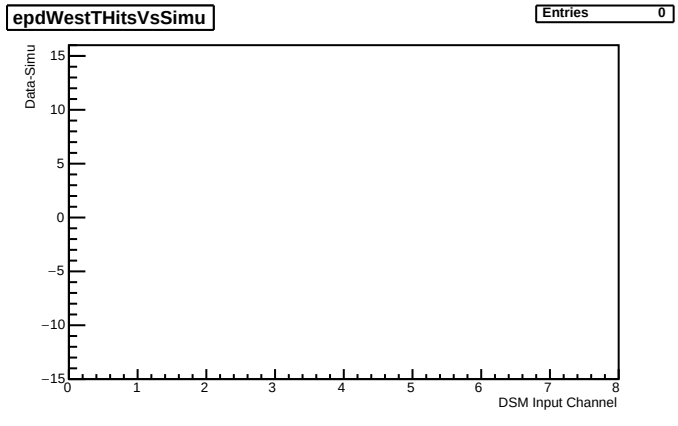
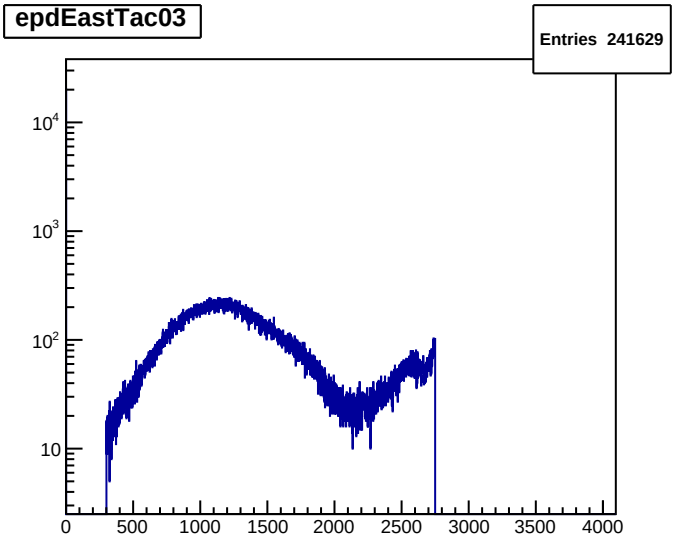
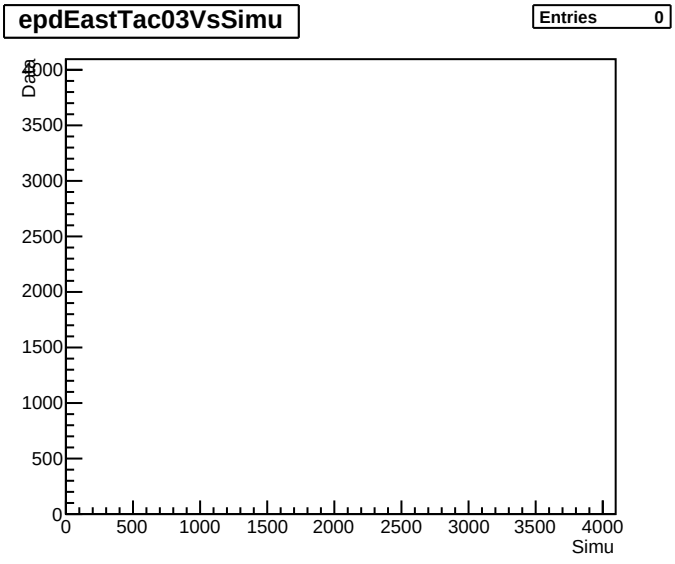
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1933032
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 241629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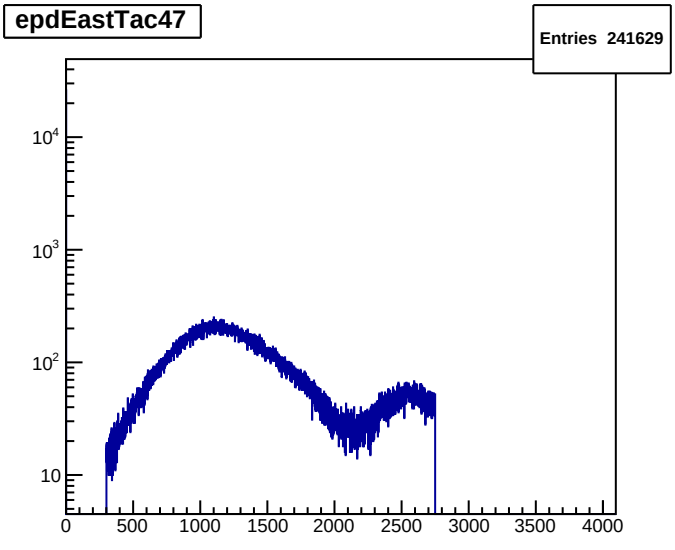
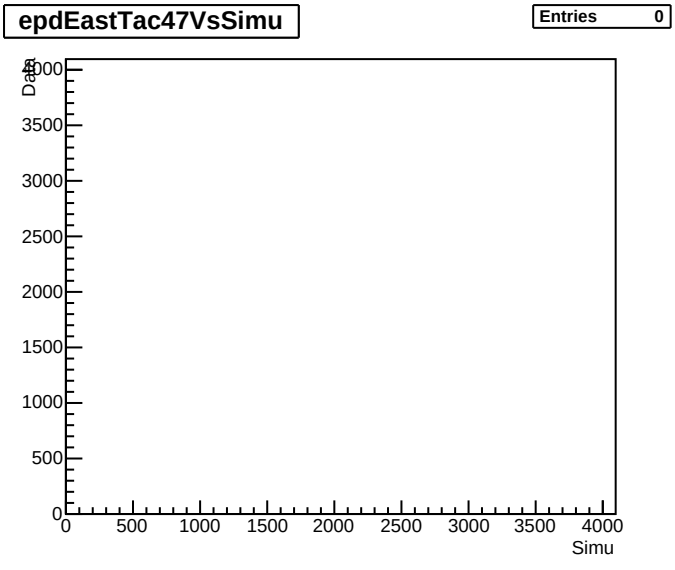
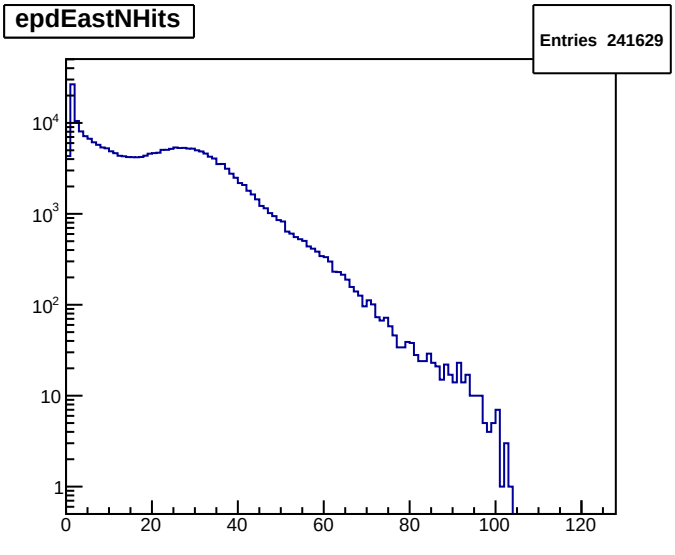
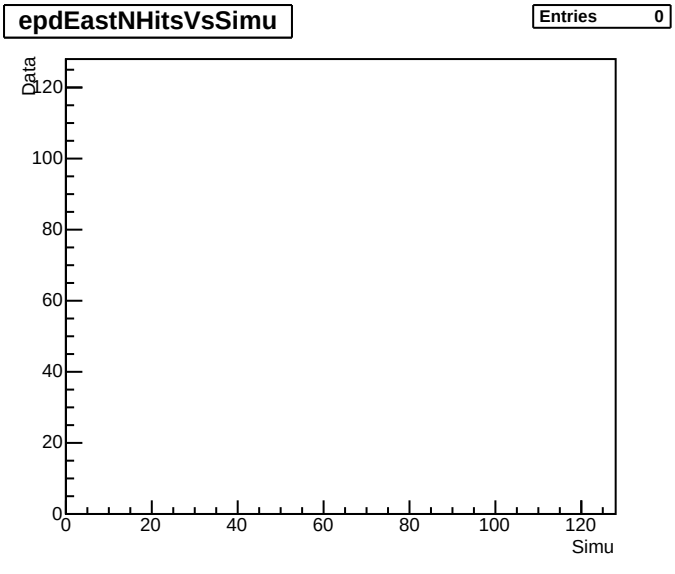
Entries 0
Data
Simu


epdEastTac47
Entries 241629


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 241629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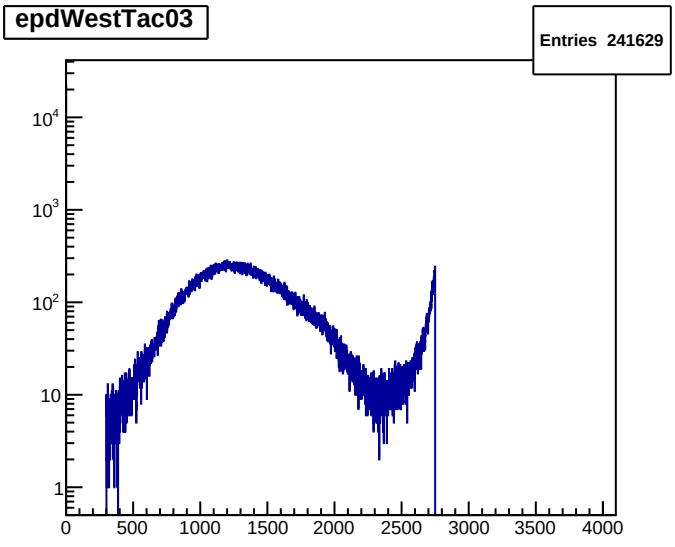
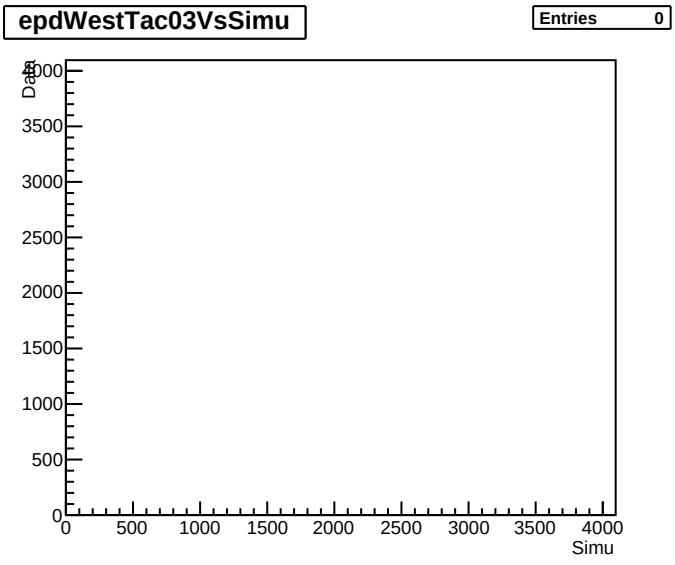
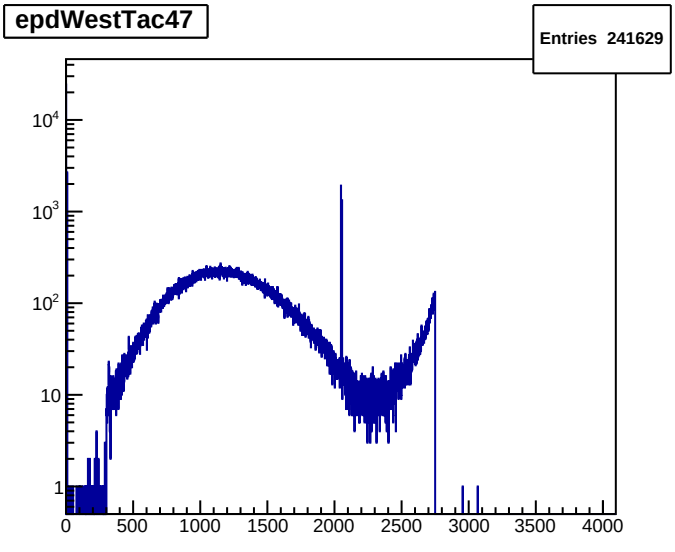
Entries 0
Data
Simu


epdWestTac03
Entries 241629


epdWestTac03VsSimu
Entries 0
Data
Simu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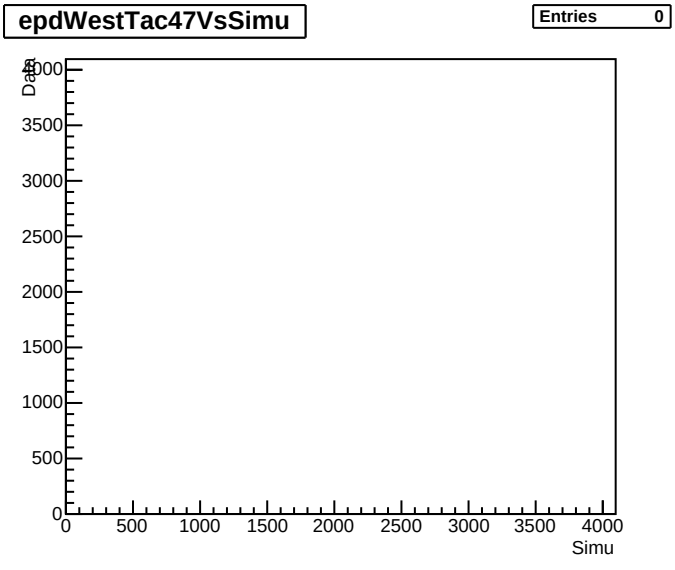
Entries 241629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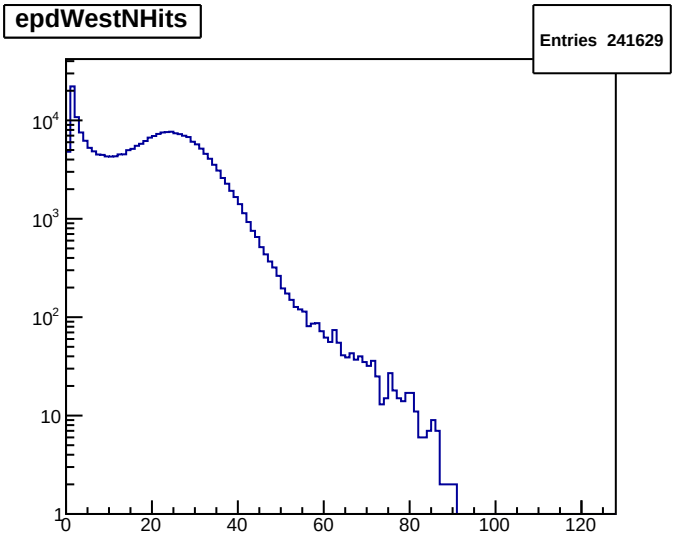
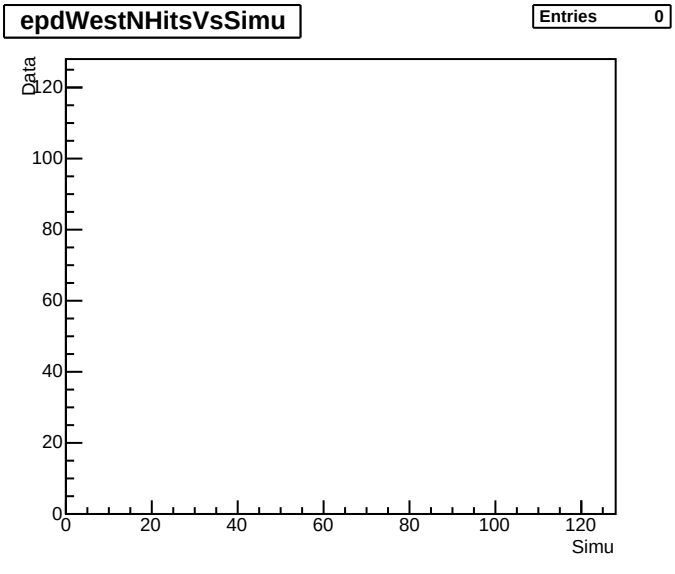
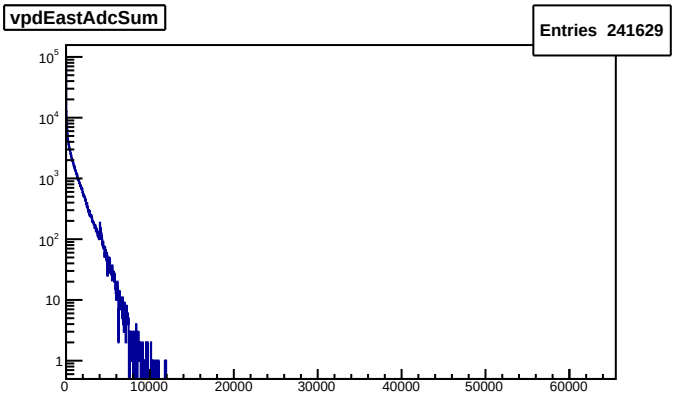
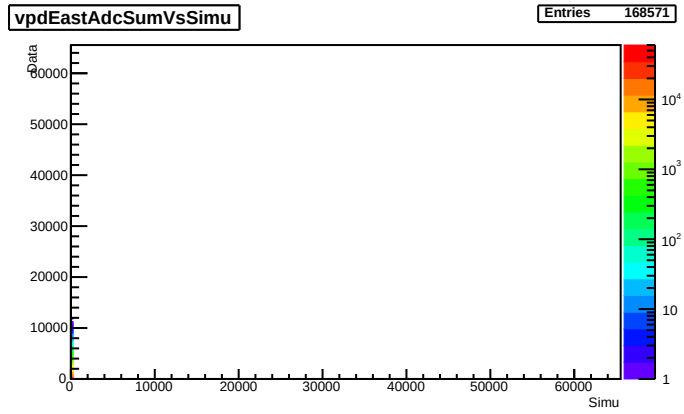
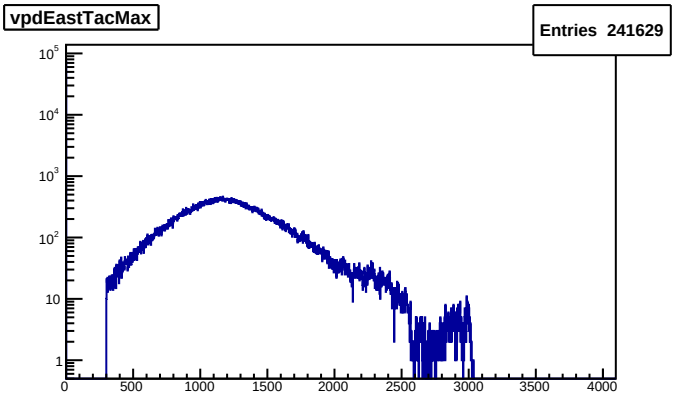
Entries 0
Data
Simu

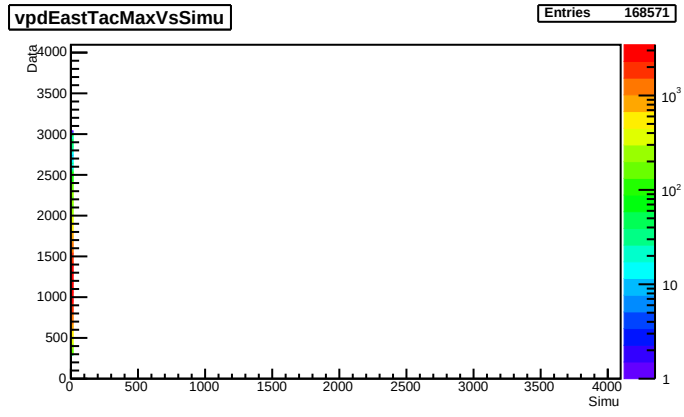

epdWestNHits
Entries 241629

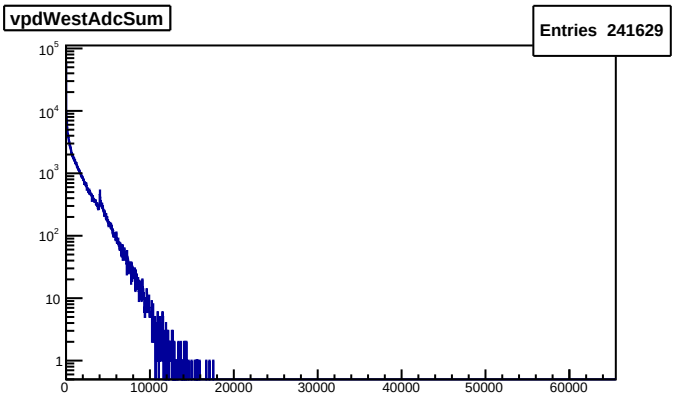

epdWestNHitsVsSimu
Entries 0
Data
Simu

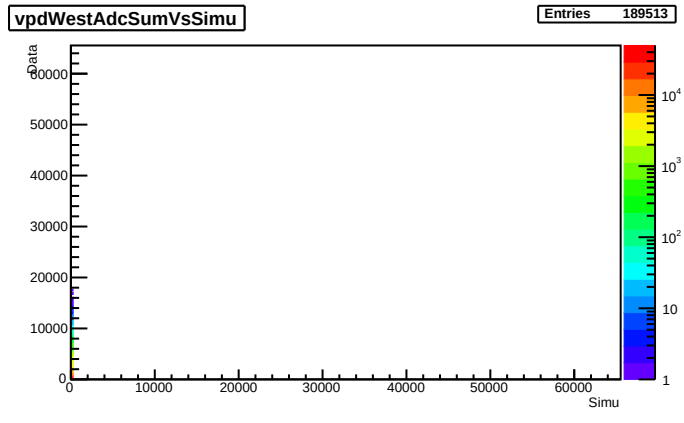

vpdEastAdcSum
Entries 241629

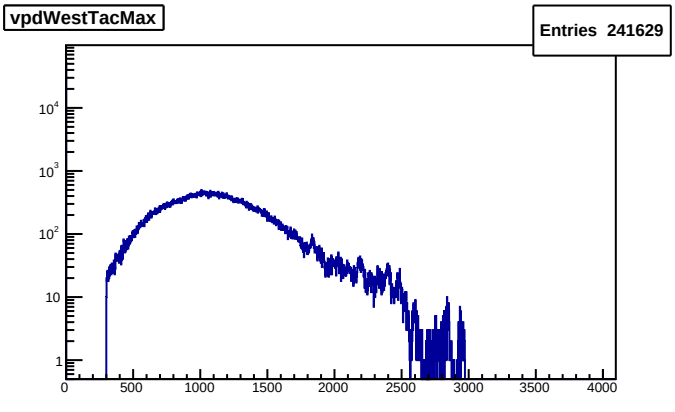

vpdEastAdcSumVsSimu
Entries 168571
Data
Simu

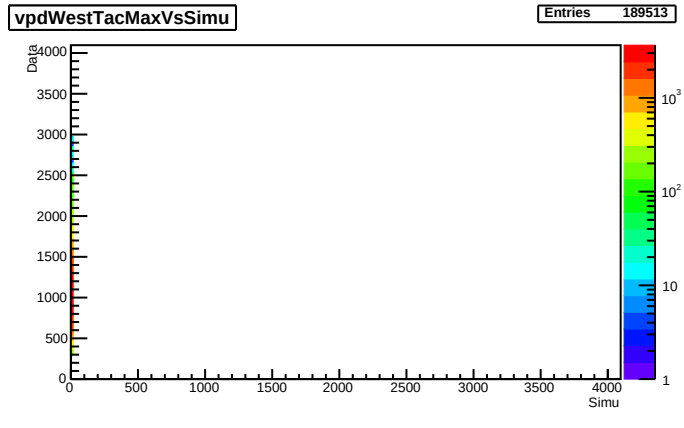

vpdEastTacMax
Entries 241629

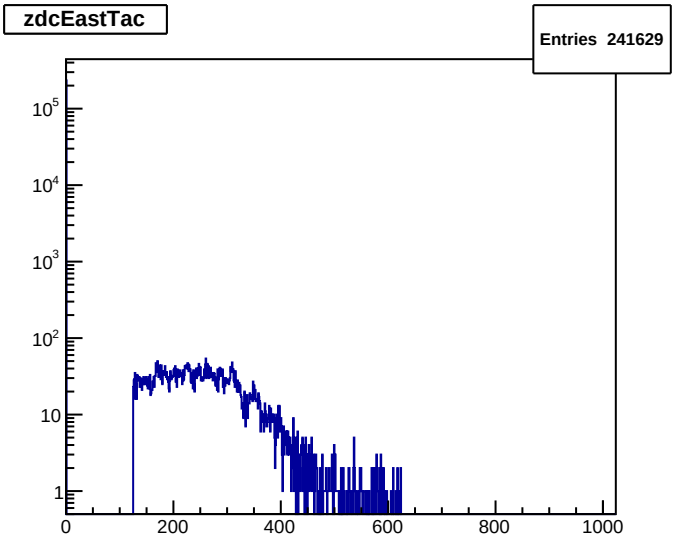

vpdEastTacMaxVsSimu
Entries 168571
Data
Simu

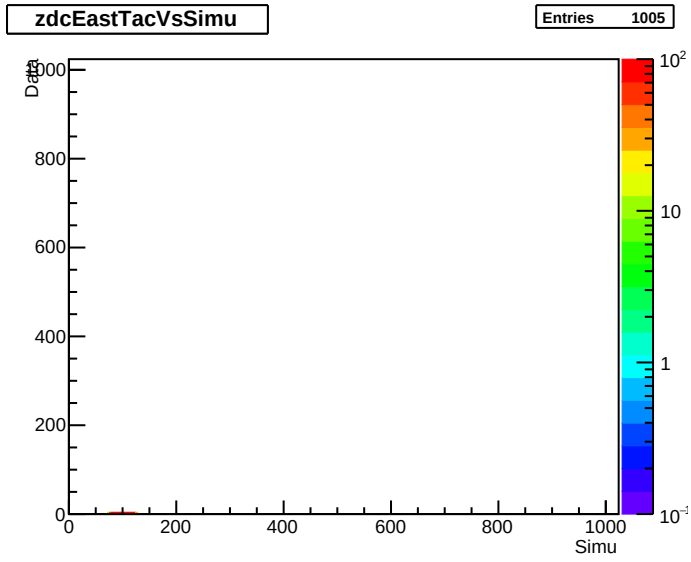

vpdWestAdcSum
Entries 241629

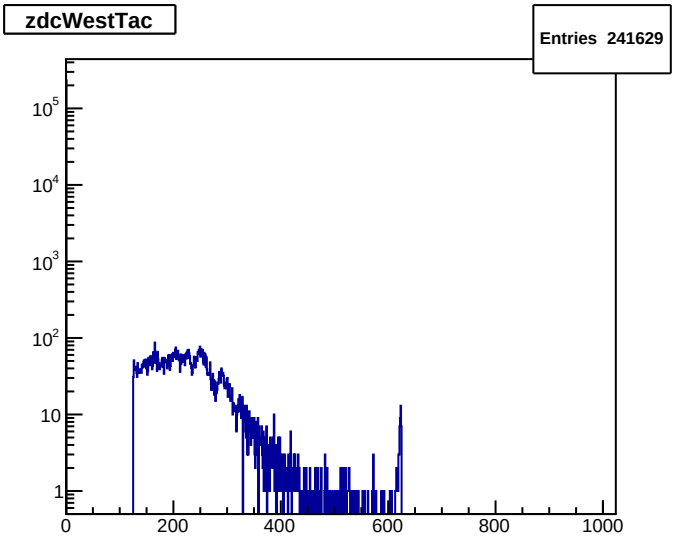

vpdWestAdcSumVsSimu
Entries 189513
Data
Simu

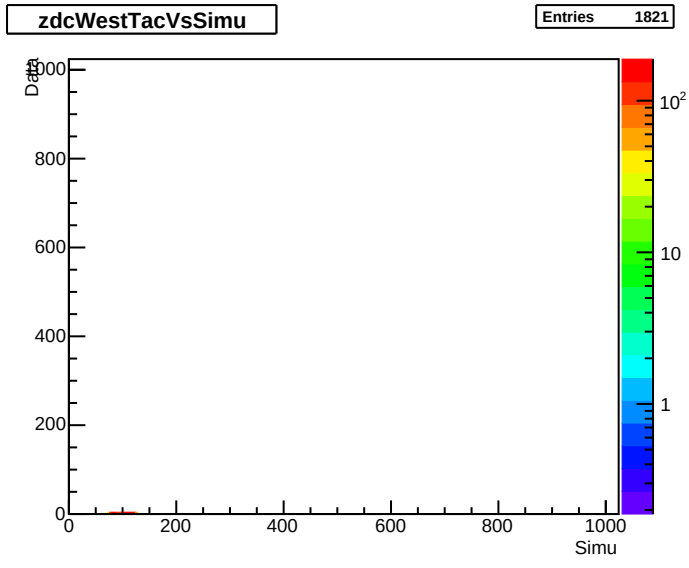

vpdWestTacMax
Entries 241629

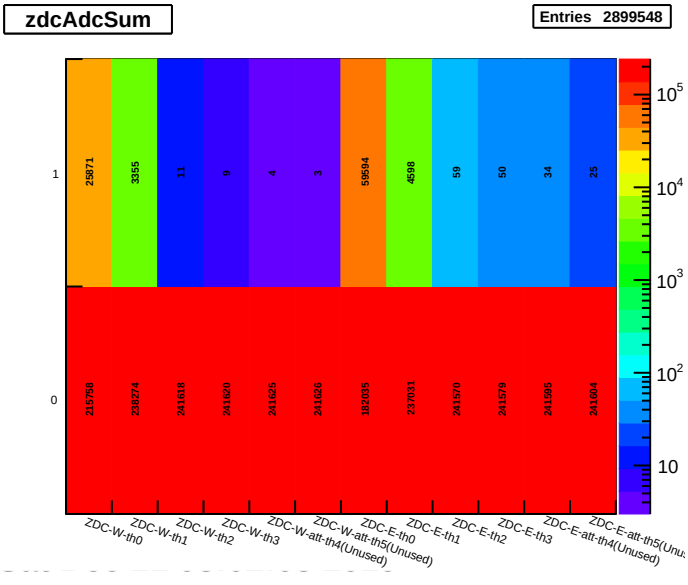

vpdWestTacMaxVsSimu
Entries 189513
Data
Simu

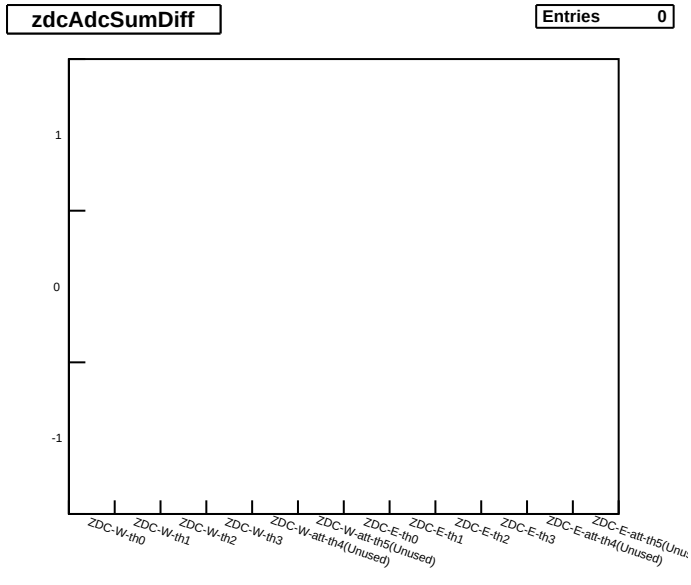

zdcEastTac
Entries 241629

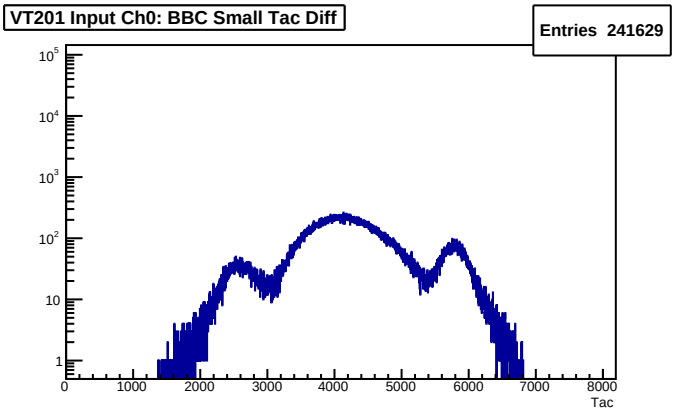

zdcEastTacVsSimu
Entries 1005
Data
Simu

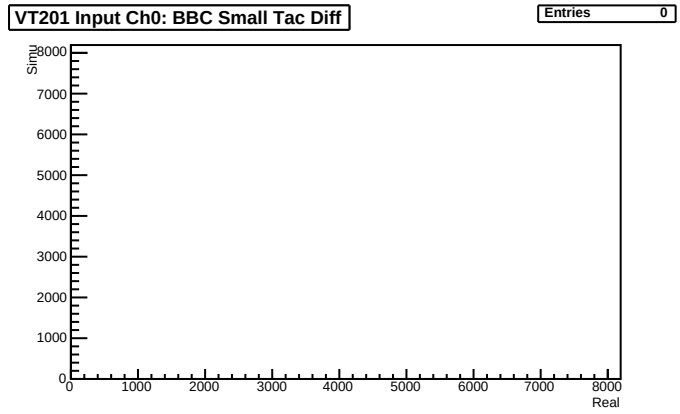

zdcWestTac
Entries 241629

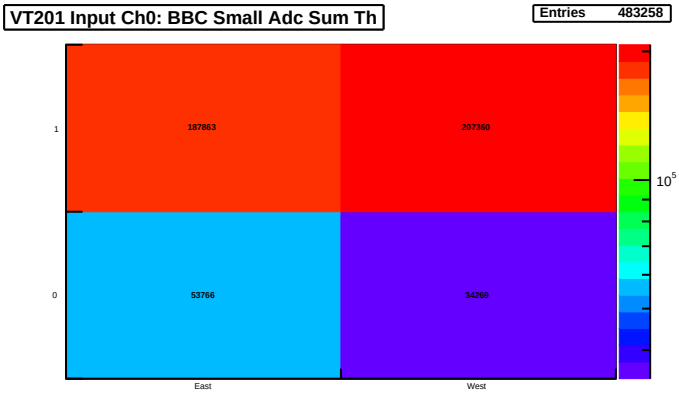

zdcWestTacVsSimu
Entries 1821
Data
Simu

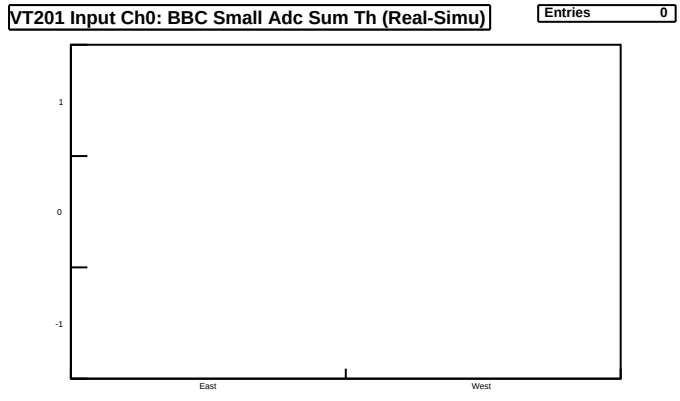

zdcAdcSum
Entries 2899548
25871
3355
11
9
4
3
59594
4598
59
50
34
25
215758
238274
241618
241620
241625
241626
182035
237031
241570
241579
241595
241604
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

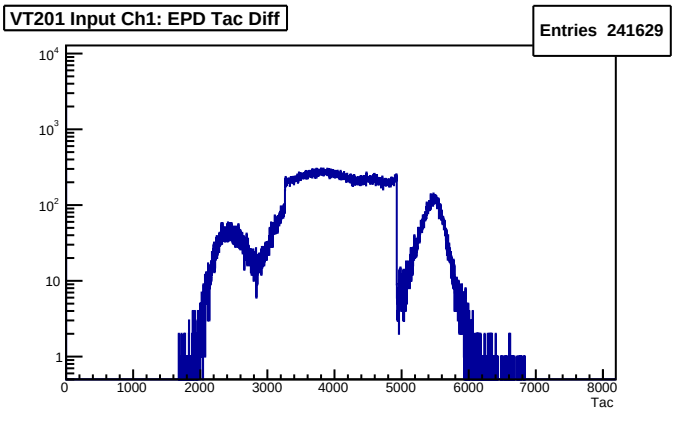

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

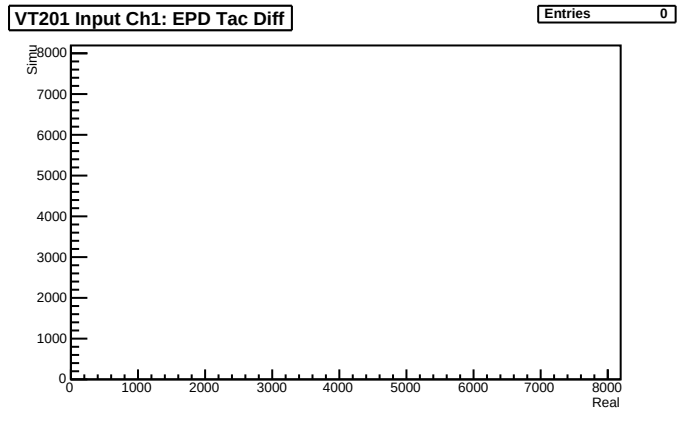

VT201 Input Ch0: BBC Small Tac Diff
Entries 241629
Tac

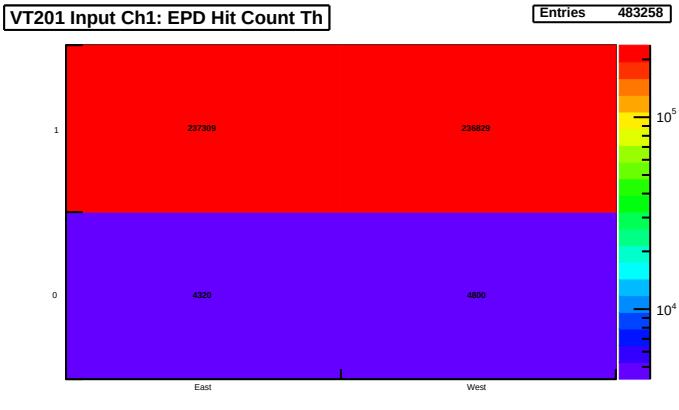

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

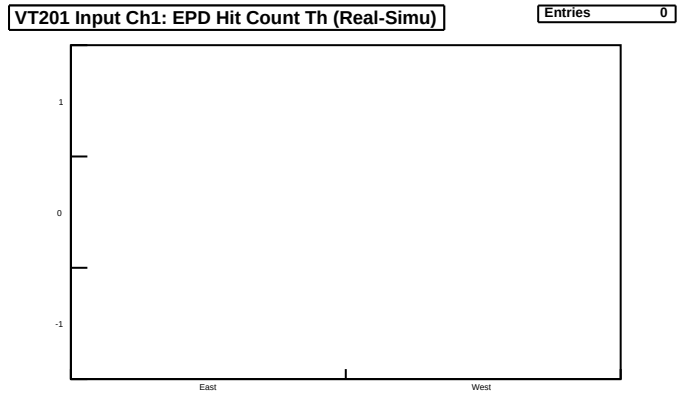

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 483258
187863
207360
53766
34269
East
West

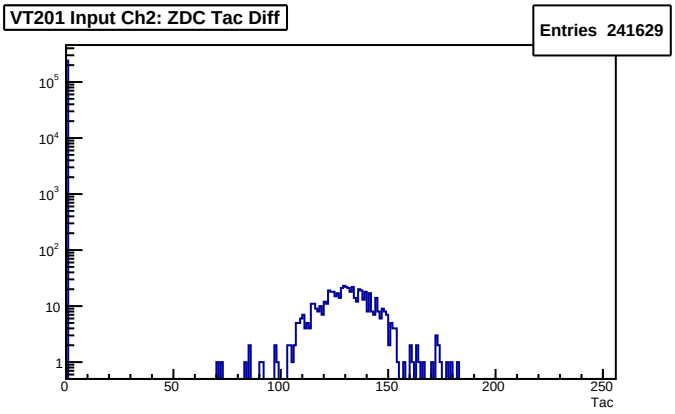

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

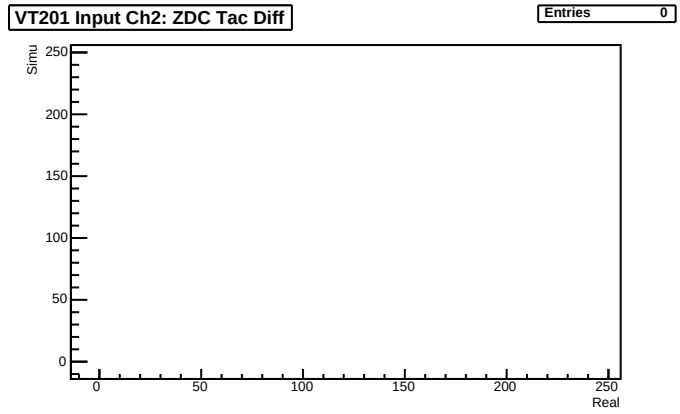

VT201 Input Ch1: EPD Tac Diff
Entries 241629
Tac

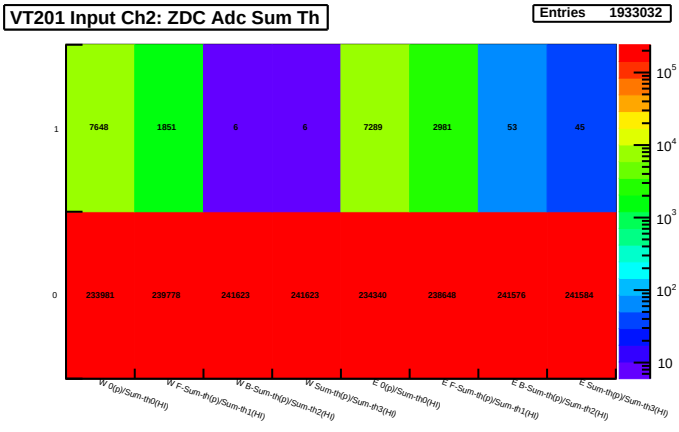

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

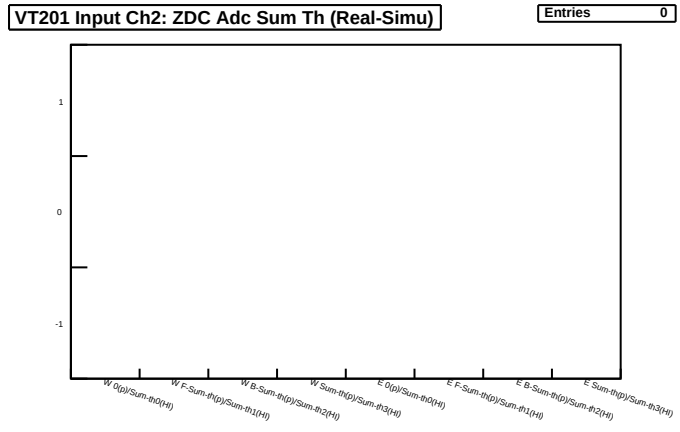

VT201 Input Ch1: EPD Hit Count Th
Entries 483258
237309
236829
4320
4900
East
West

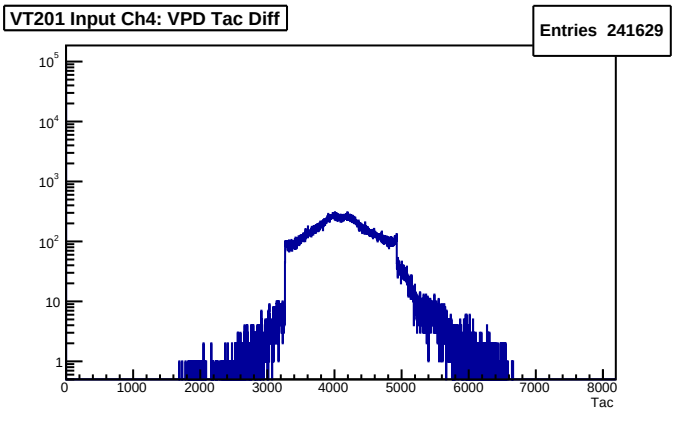

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

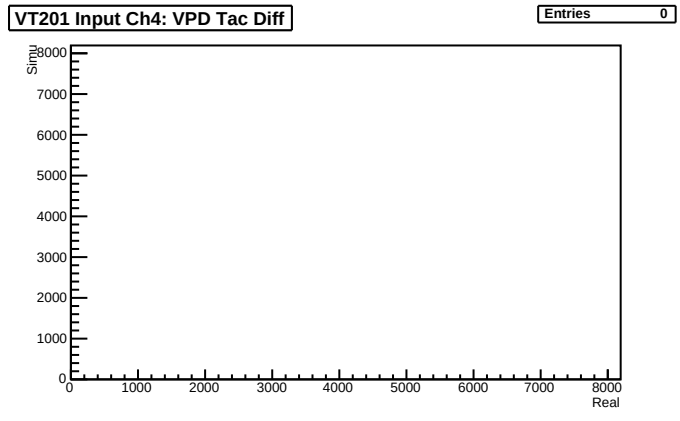

VT201 Input Ch2: ZDC Tac Diff
Entries 241629
Tac

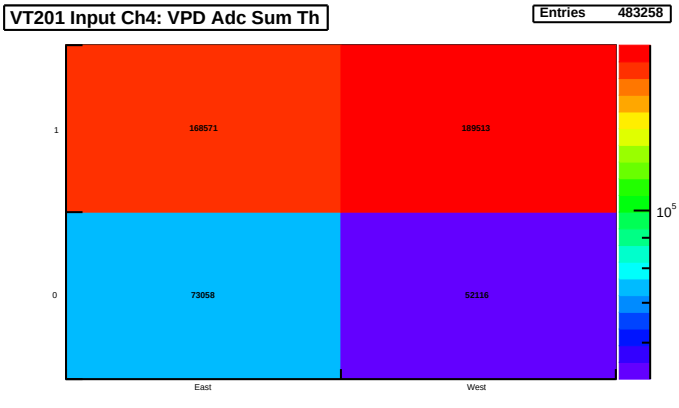

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

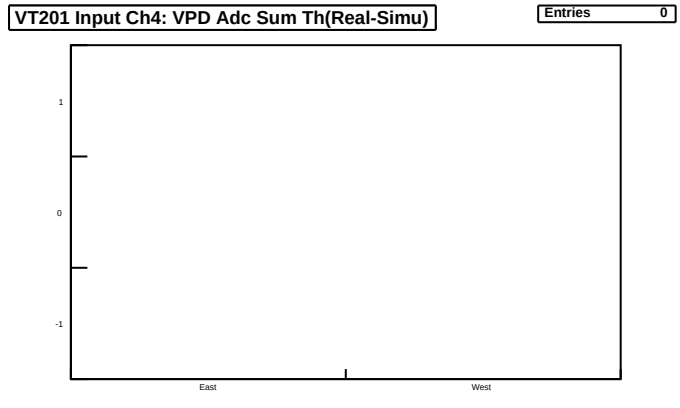

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1933032
7648
1851
6
6
7289
2981
53
45
233981
239778
241623
241623
234340
238648
241576
241584
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

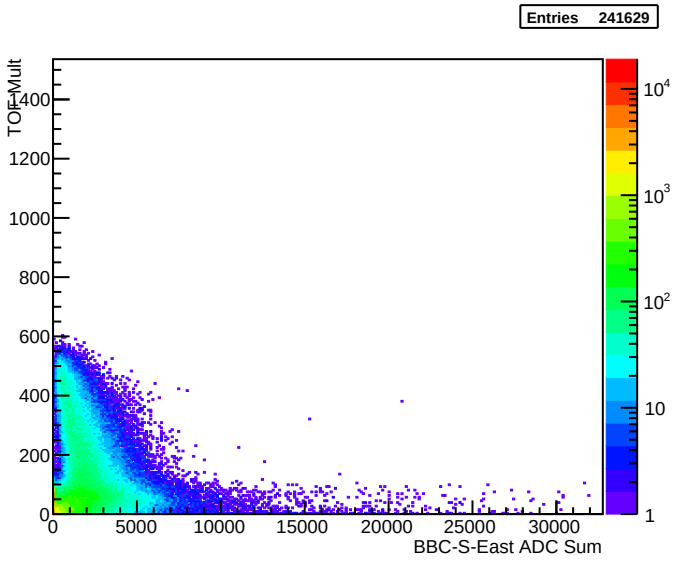

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

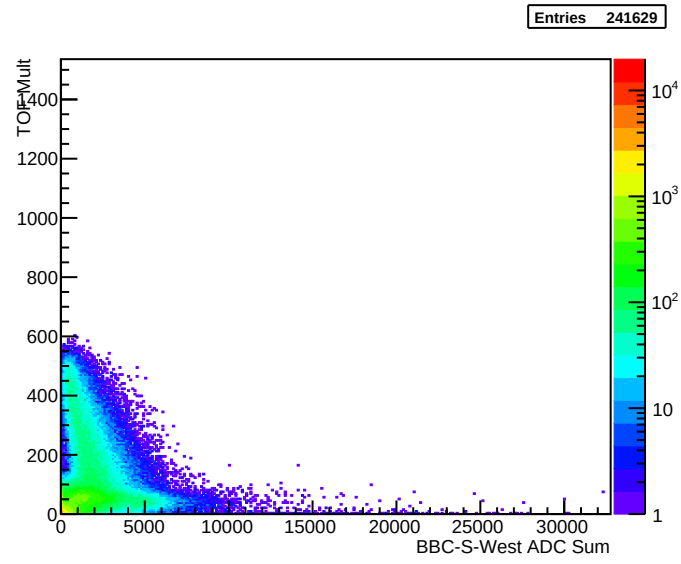

VT201 Input Ch4: VPD Tac Diff
Entries 241629
Tac

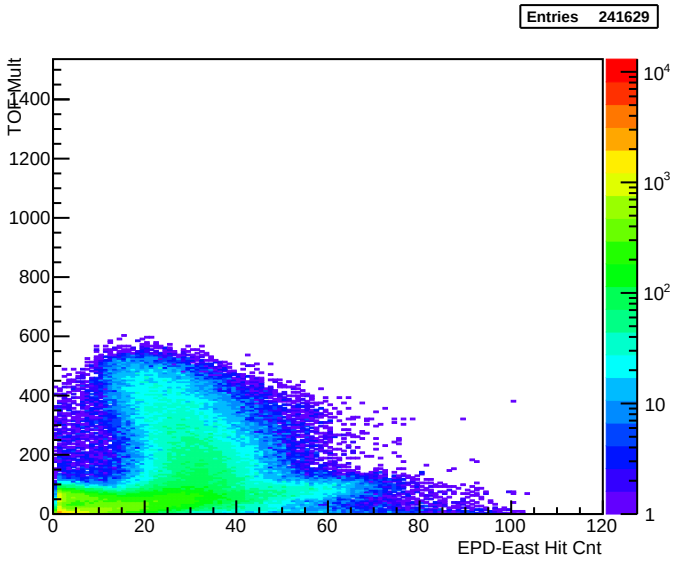

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

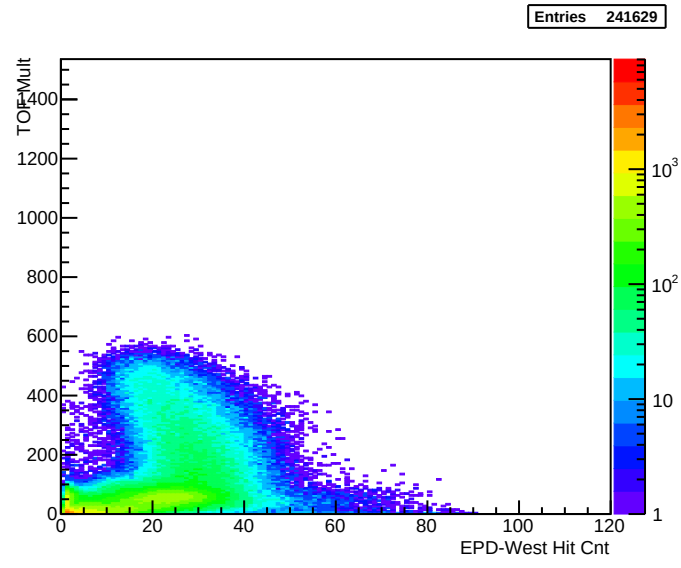

VT201 Input Ch4: VPD Adc Sum Th
Entries 483258
168571
189513
73058
52116
East
West

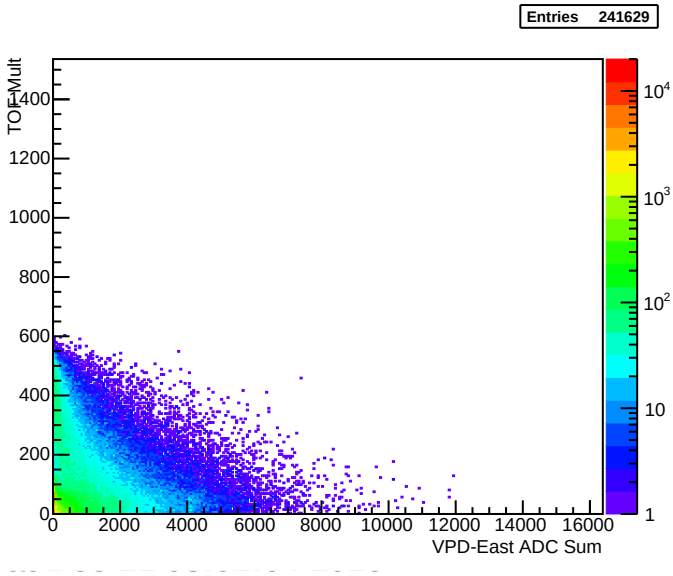

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

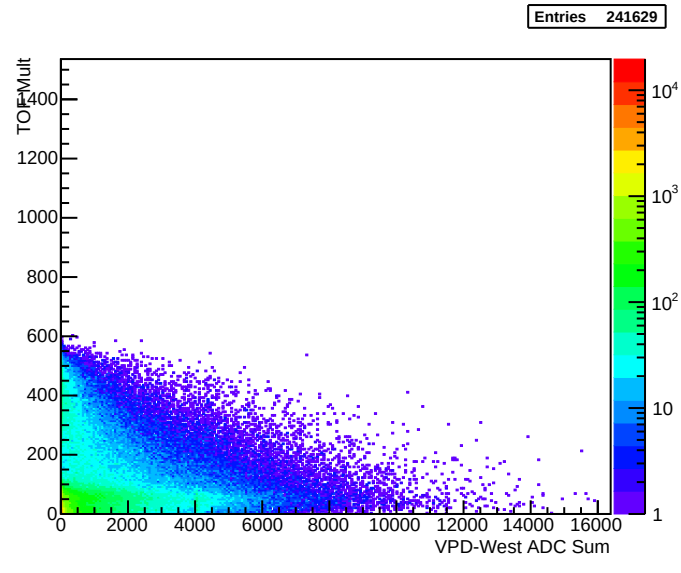

Entries 241629
TOF-Mult
BBC-S-East ADC Sum

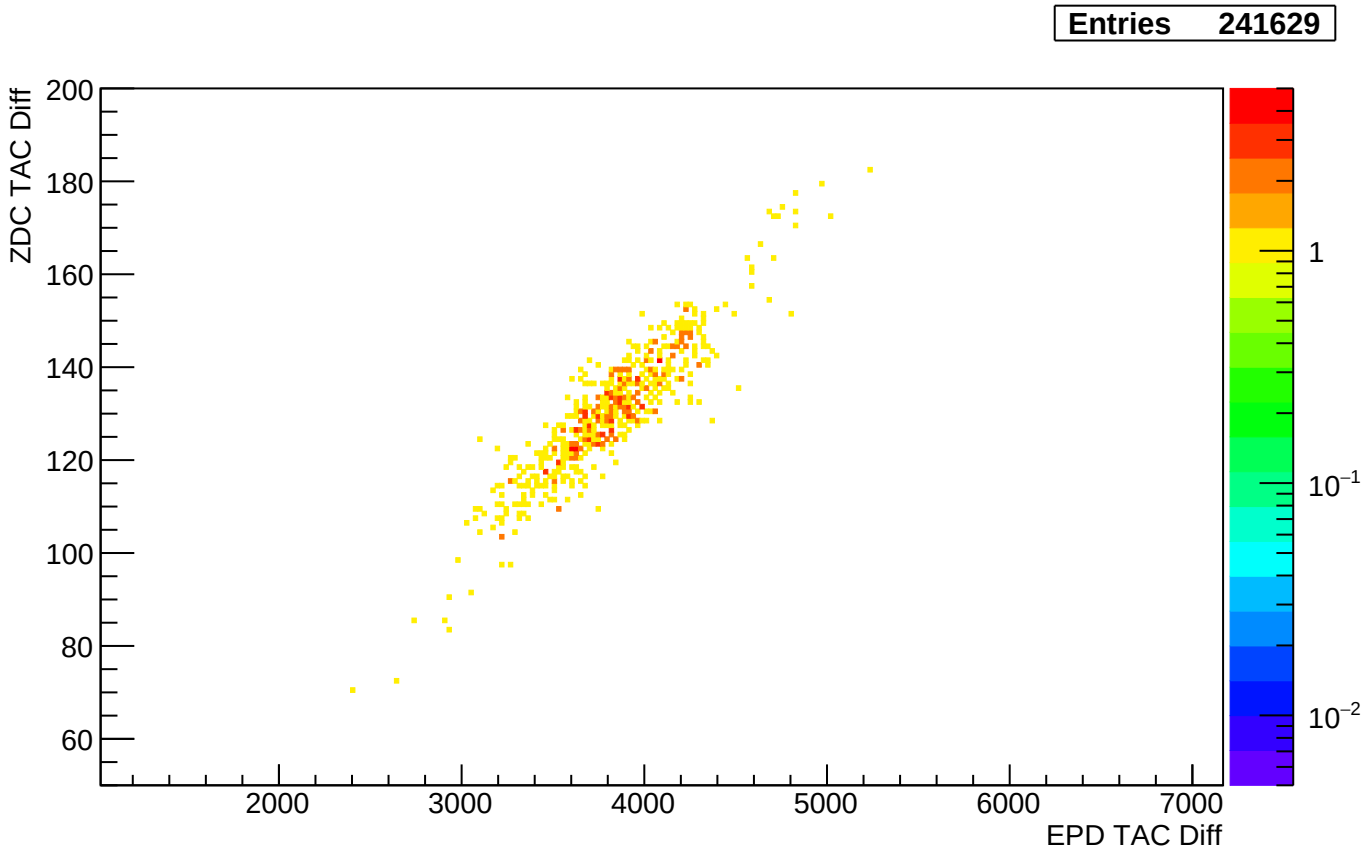

Entries 241629
TOF-Mult
BBC-S-West ADC Sum

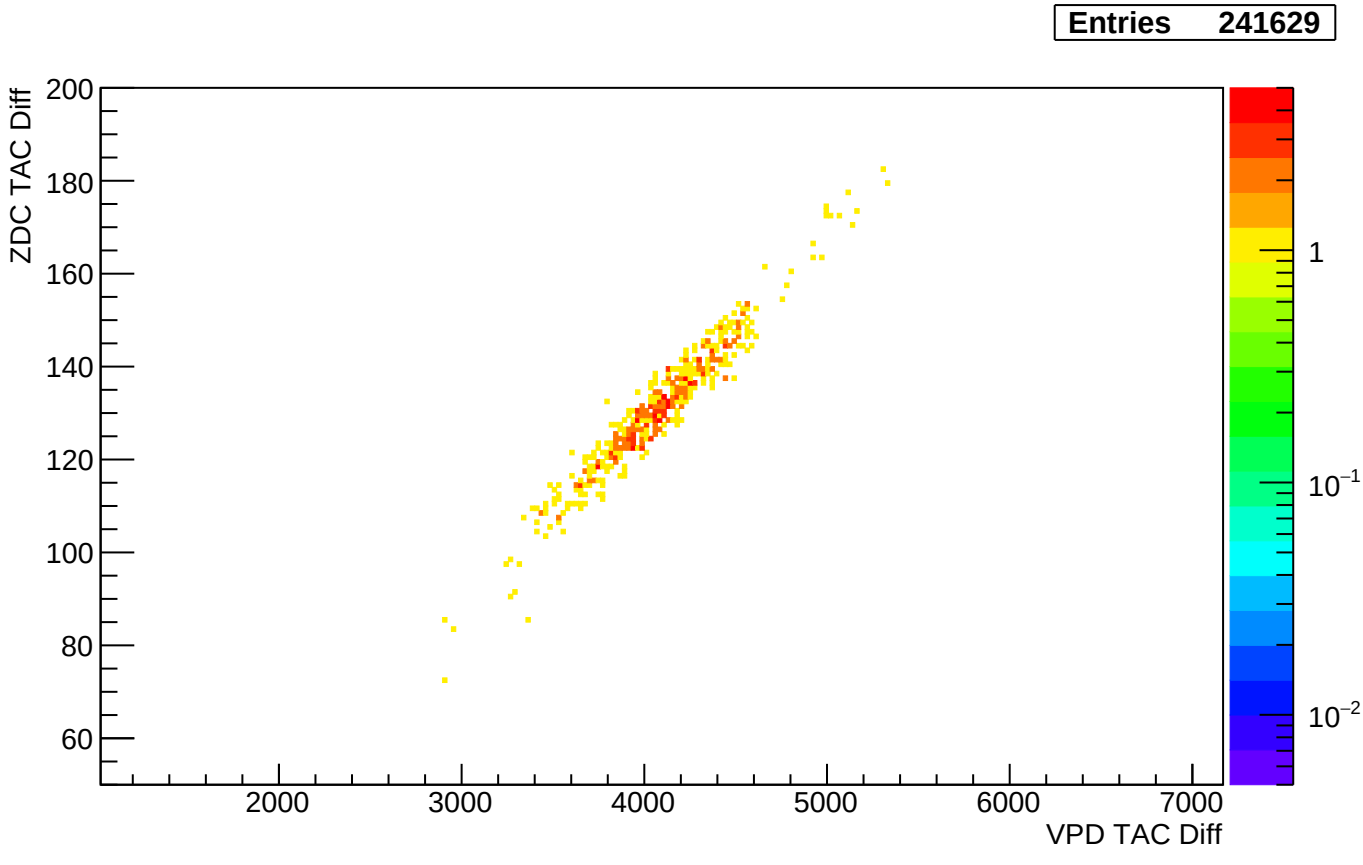

Entries 241629
TOF-Mult
EPD-East Hit Cnt

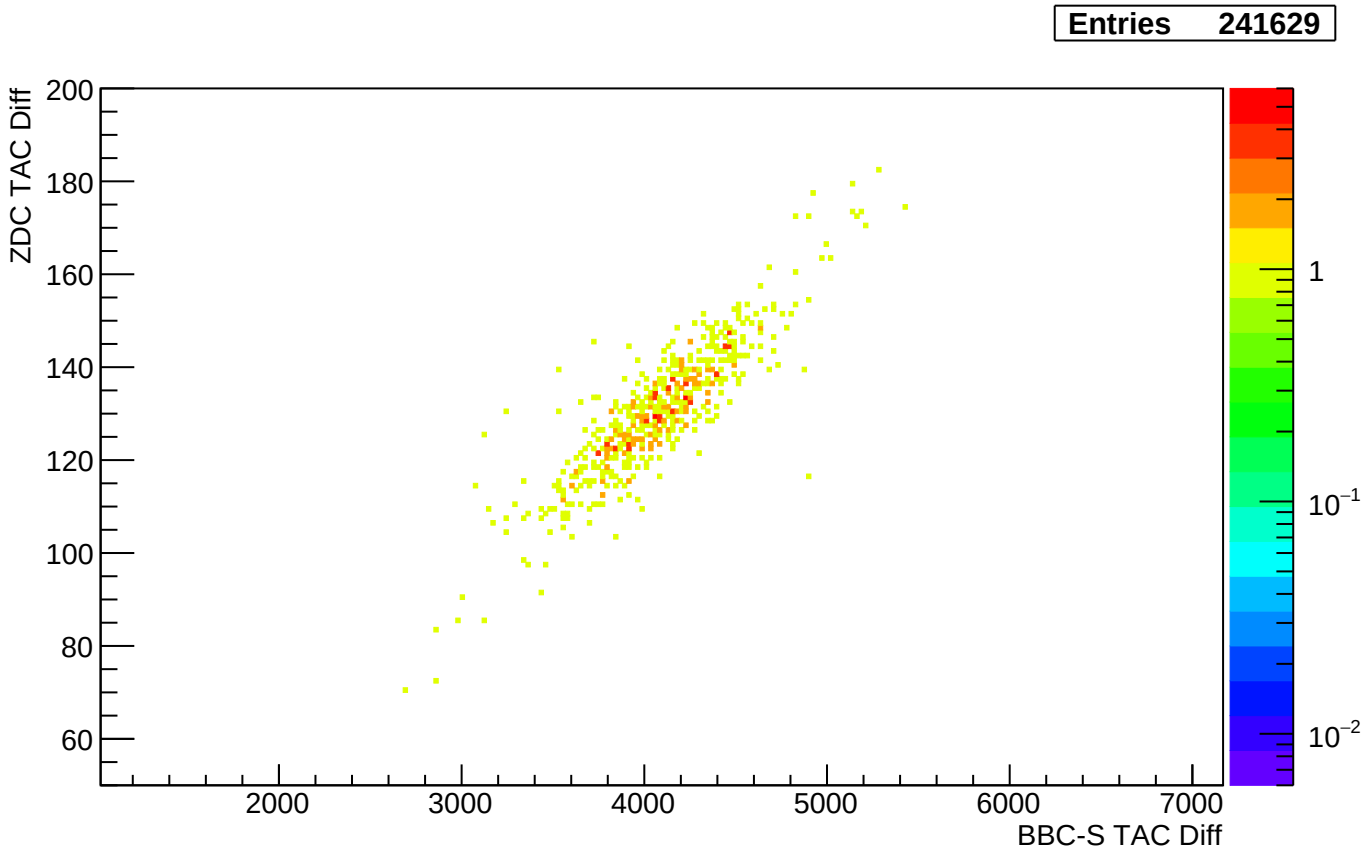

Entries 241629
TOF-Mult
EPD-West Hit Cnt

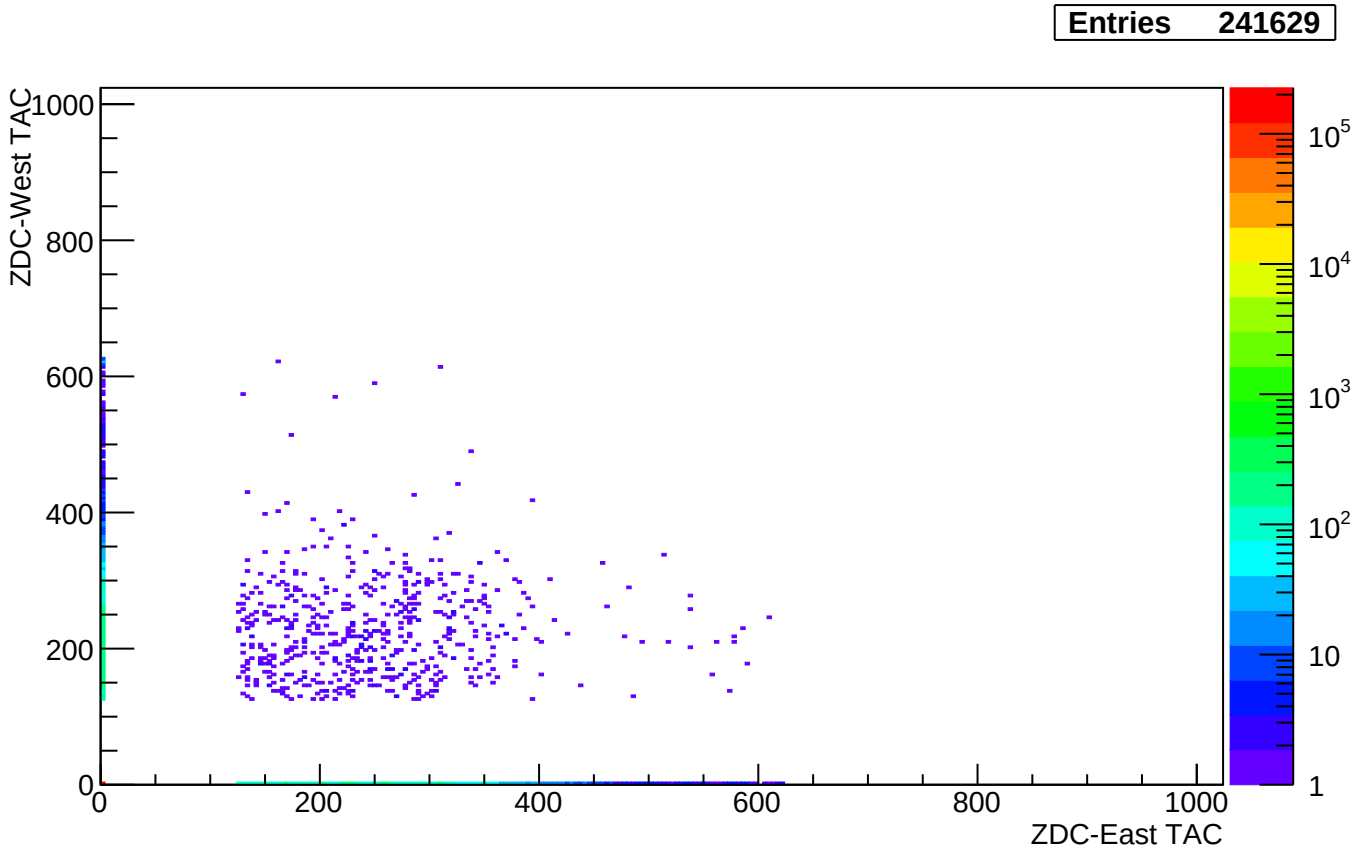

Entries 241629
TOF-Mult
VPD-East ADC Sum

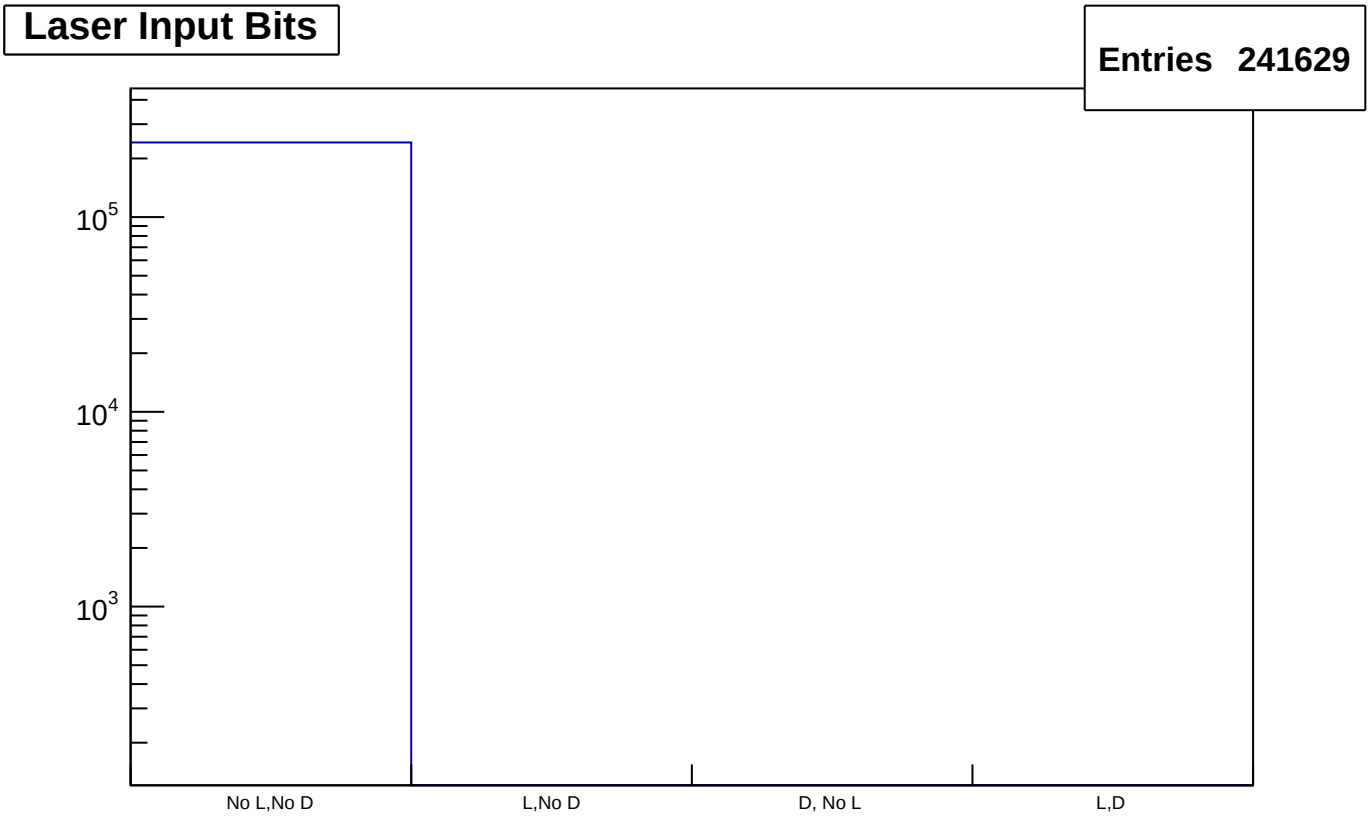

Entries 241629
TOF-Mult
VPD-West ADC Sum

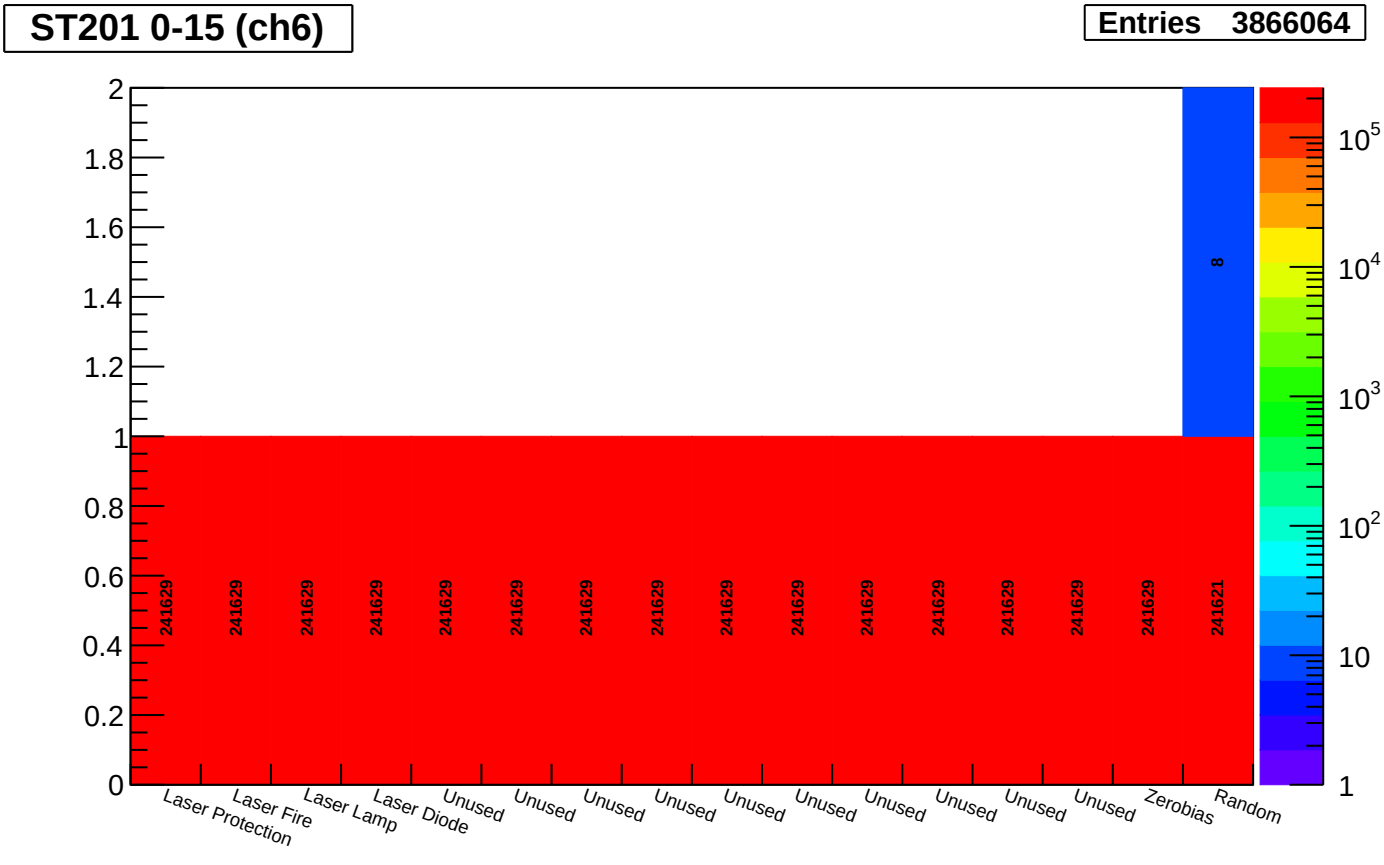

Entries 241629
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

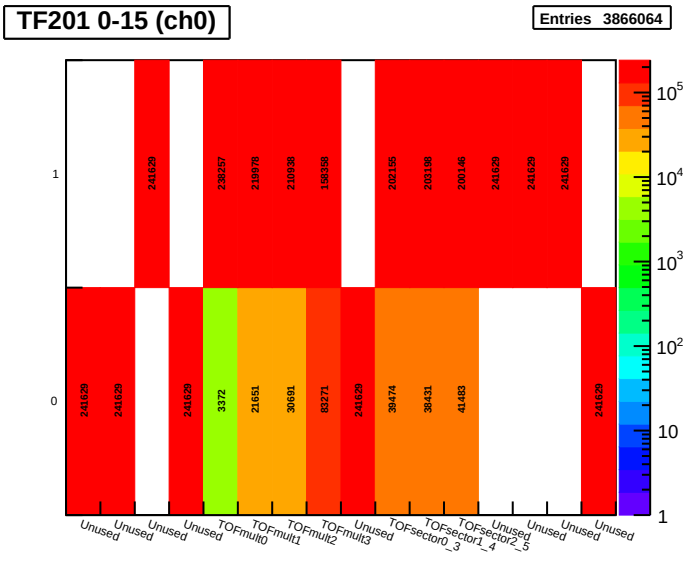

Entries 241629
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

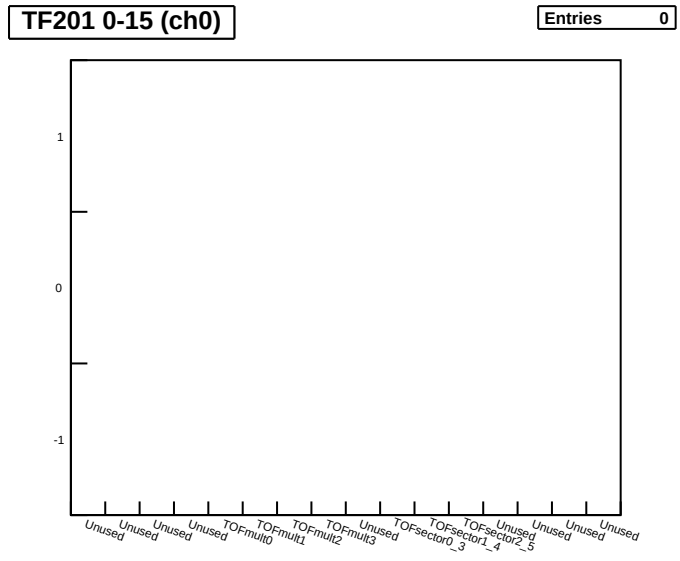

Entries 241629
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

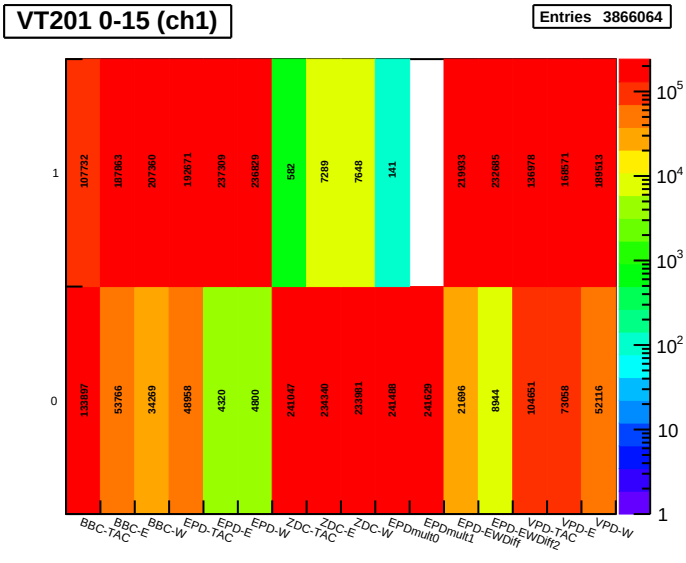

Entries 241629
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

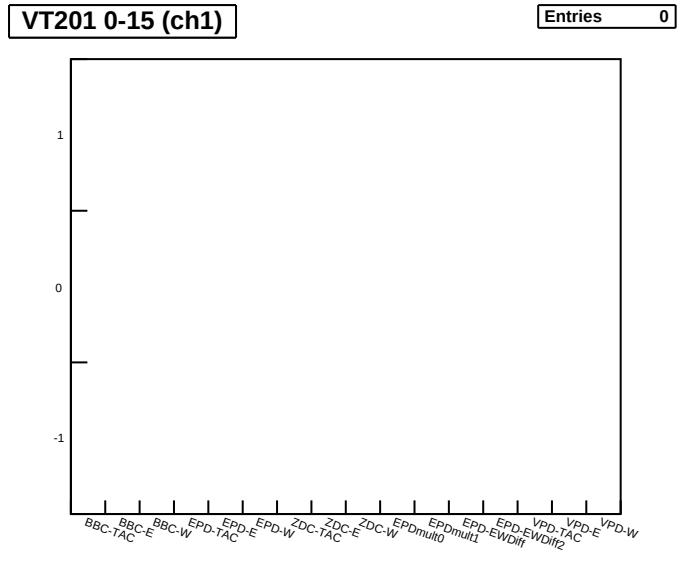

Laser Input Bits
Entries 241629
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

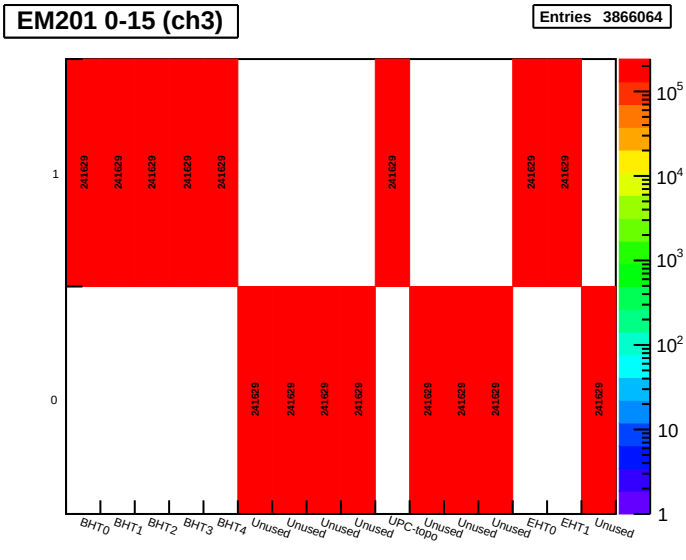

ST201 0-15 (ch6)
Entries 3866064
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
8
241629
241621
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

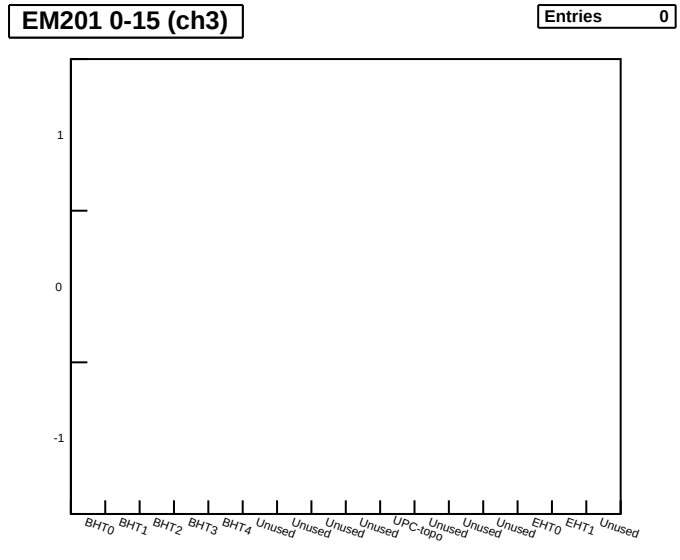

TF201 0-15 (ch0)
Entries 3866064
1
0
241629
238257
239978
210938
158358
202155
203198
200146
241629
241629
241629
241629
241629
3372
21651
30691
83271
241629
39474
38431
41483
241629
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 3866064
1
0
107732
187863
207360
192671
237309
236829
582
7289
7648
141
219933
232685
136978
168571
189513
133897
53766
34269
48958
4320
4800
241047
234340
233981
241488
241629
21696
8944
104651
73058
52116
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 3866064
1
0
241629
241629
241629
241629
241629
241629
241629
241629
241629
241629
241629
241629
241629
241629
241629
241629
241629
241629
241629
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1