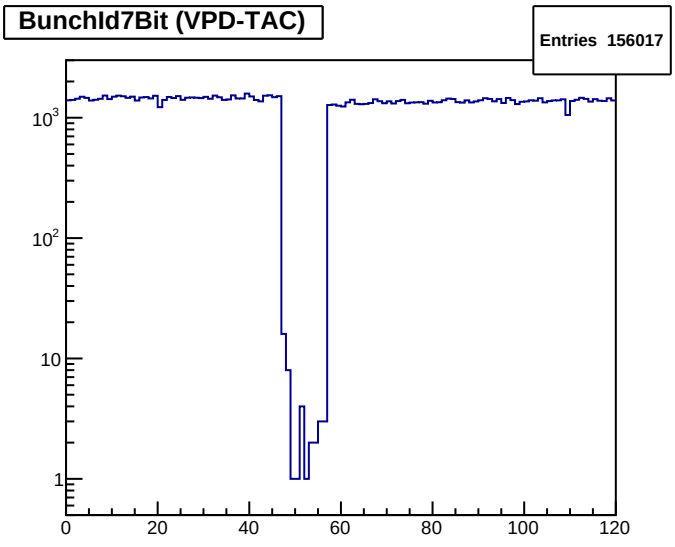
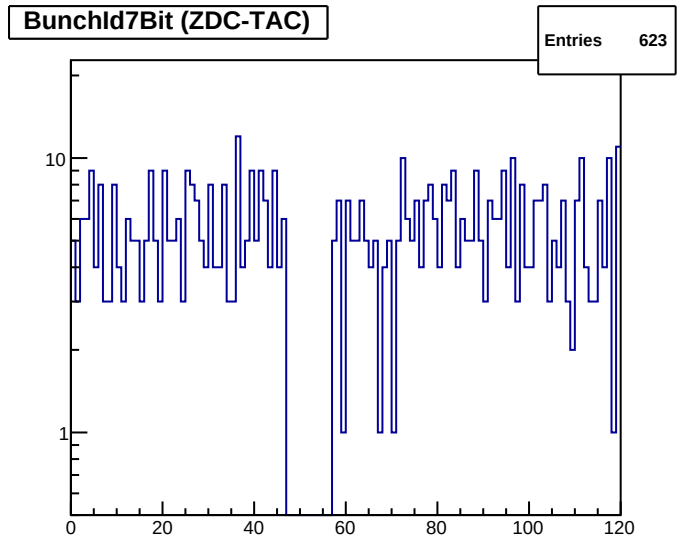
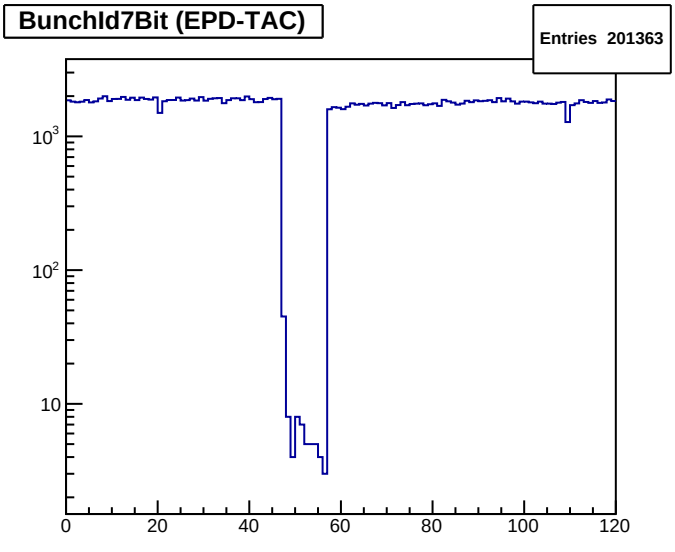
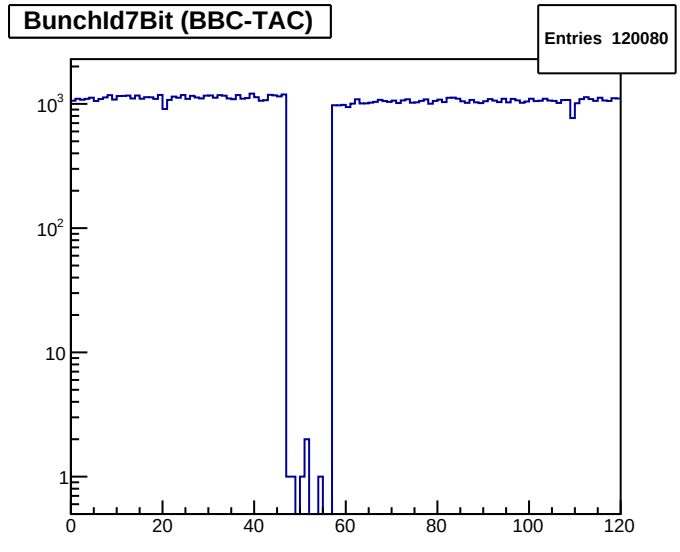
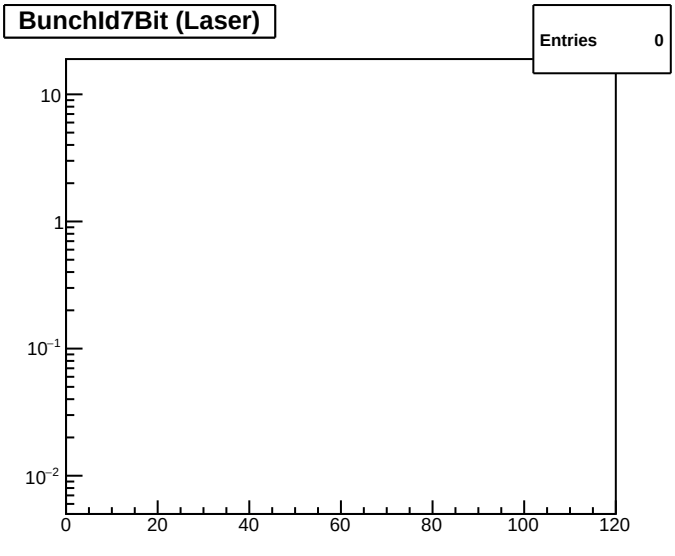
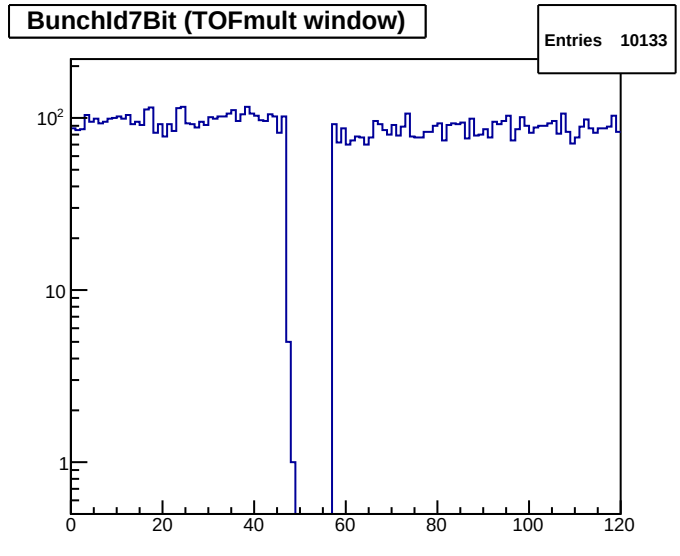

BunchId7Bit (VPD-TAC)
Entries 156017

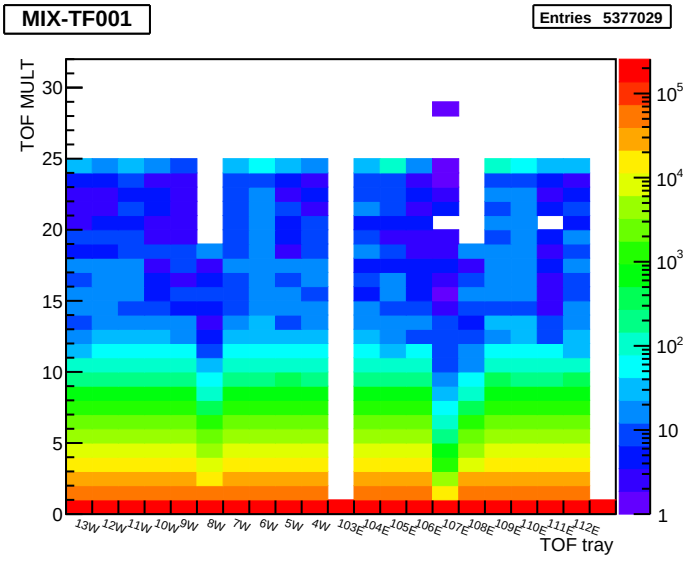

BunchId7Bit (ZDC-TAC)
Entries 623

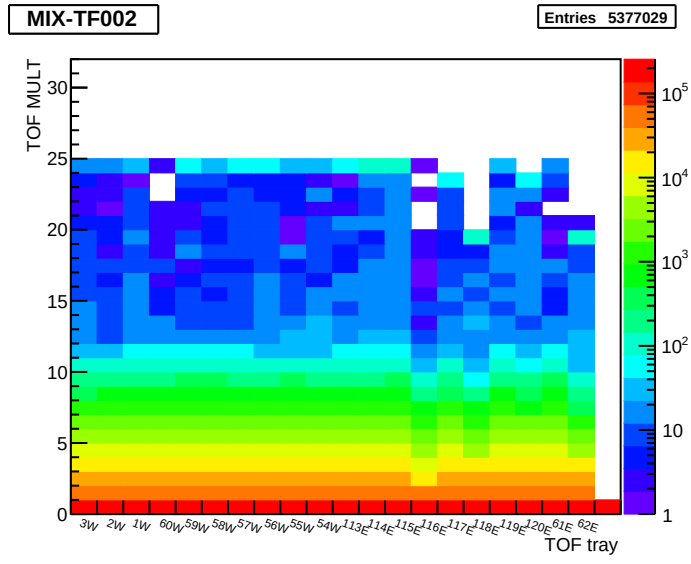

BunchId7Bit (EPD-TAC)
Entries 201363

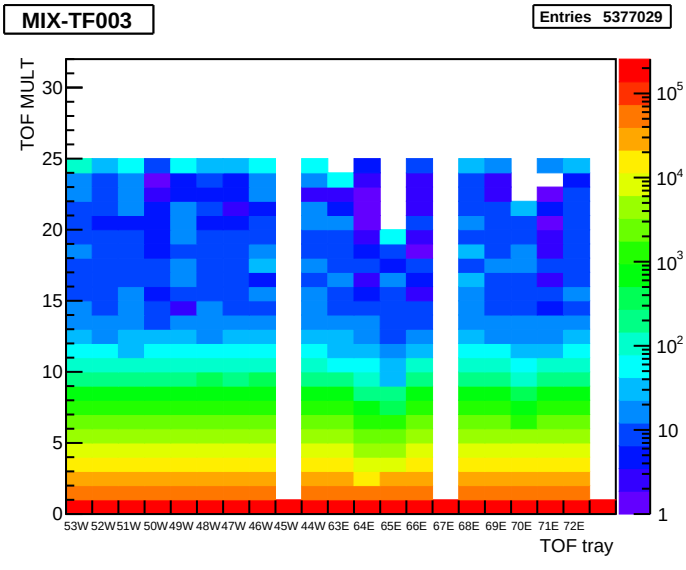

BunchId7Bit (BBC-TAC)
Entries 120080

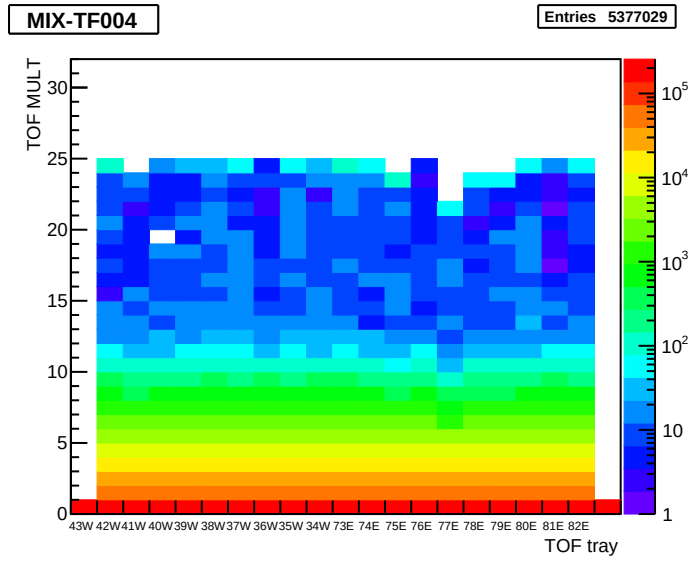

BunchId7Bit (Laser)
Entries 0

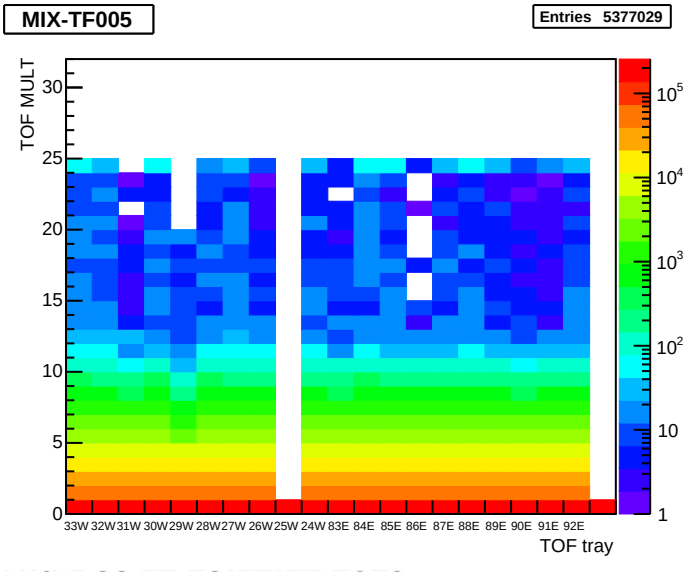

BunchId7Bit (TOFmult window)
Entries 10133

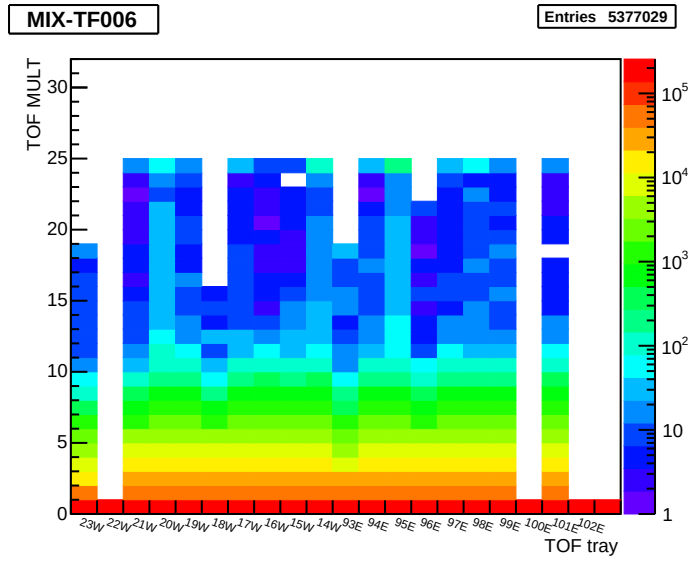

MIX-TF001
Entries 5377029
TOF MULT
TOF tray

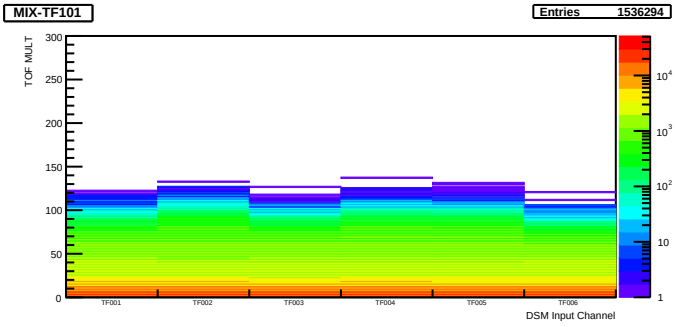

MIX-TF002
Entries 5377029
TOF MULT
TOF tray

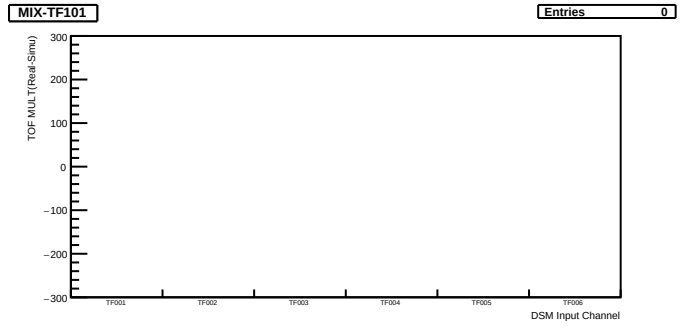

MIX-TF003
Entries 5377029
TOF MULT
TOF tray

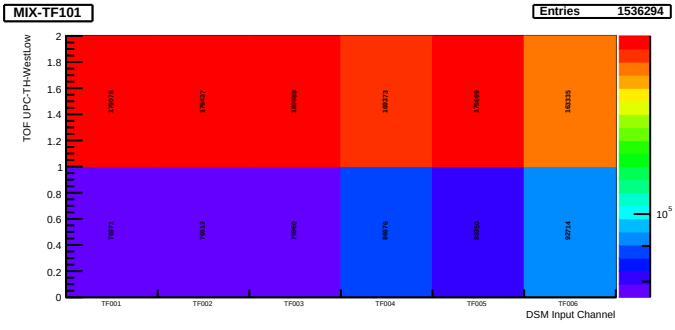

MIX-TF004
Entries 5377029
TOF MULT
TOF tray

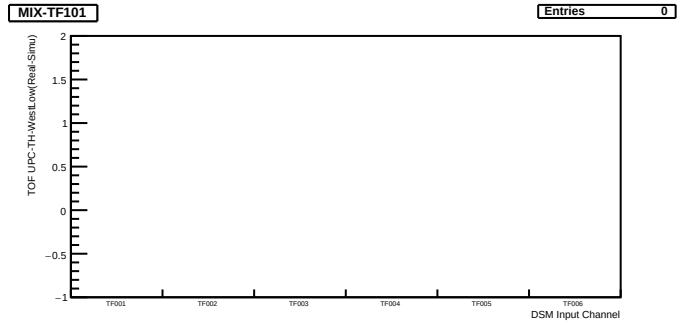

MIX-TF005
Entries 5377029
TOF MULT
TOF tray

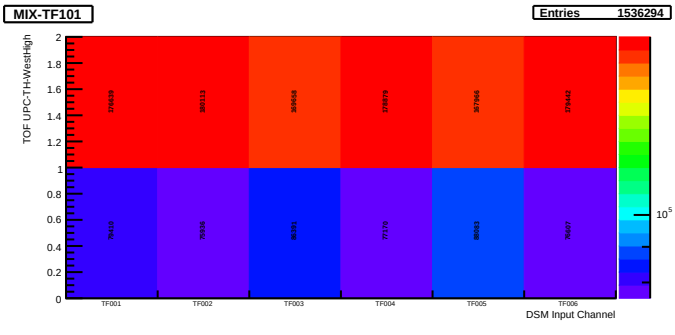

MIX-TF006
Entries 5377029
TOF MULT
TOF tray

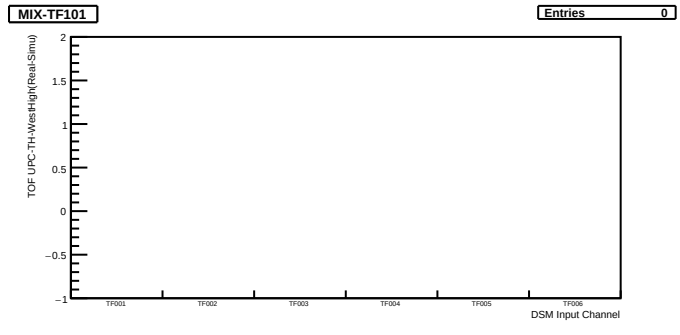

MIX-TF101
Entries 1536294
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

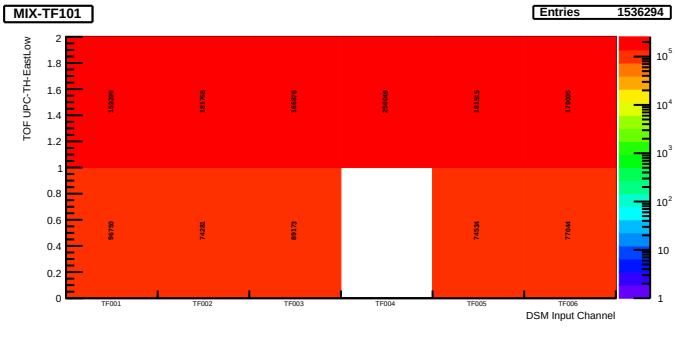

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

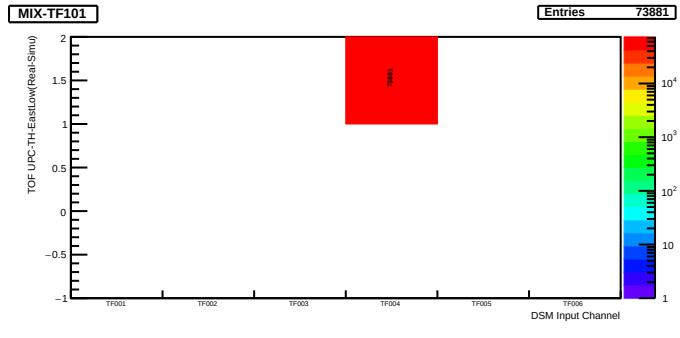

MIX-TF101
Entries 1536294
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

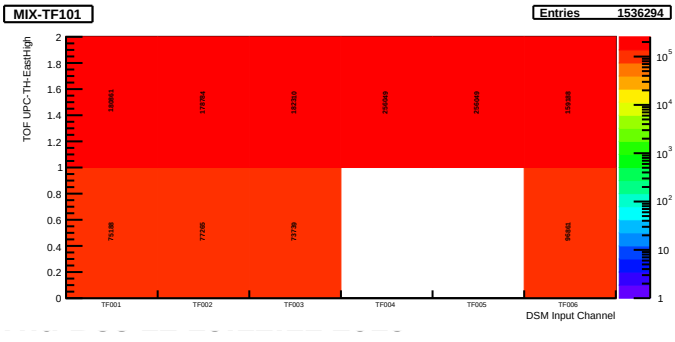

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

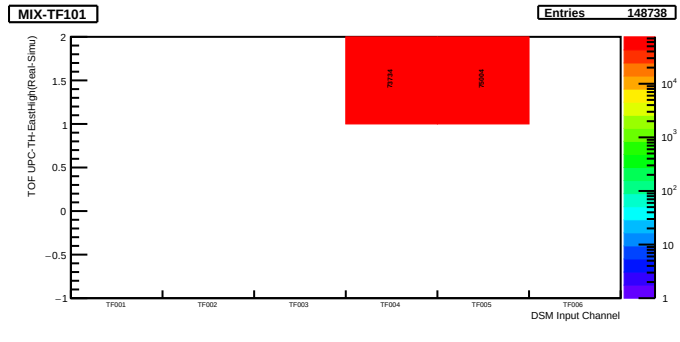

MIX-TF101
Entries 1536294
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

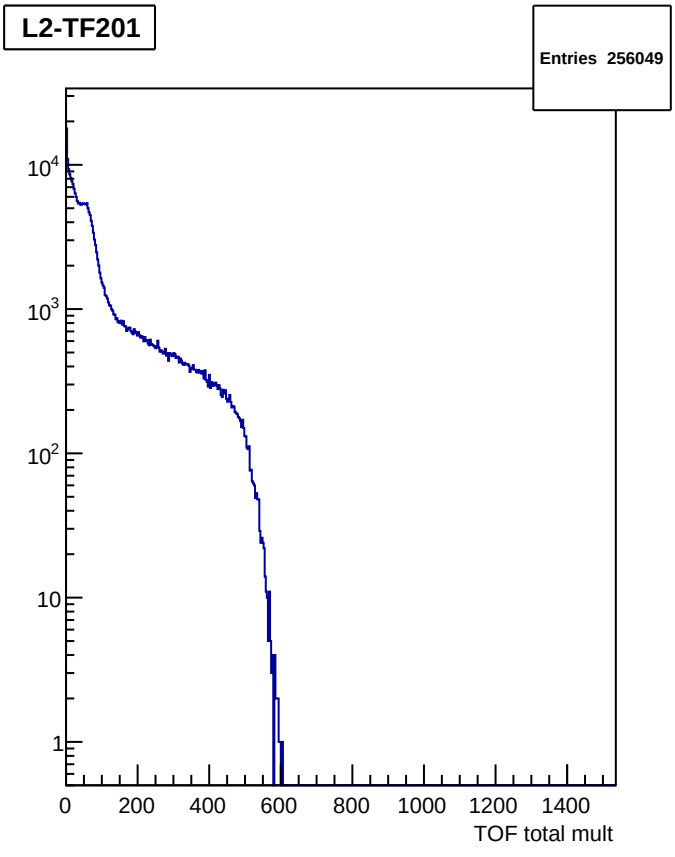

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

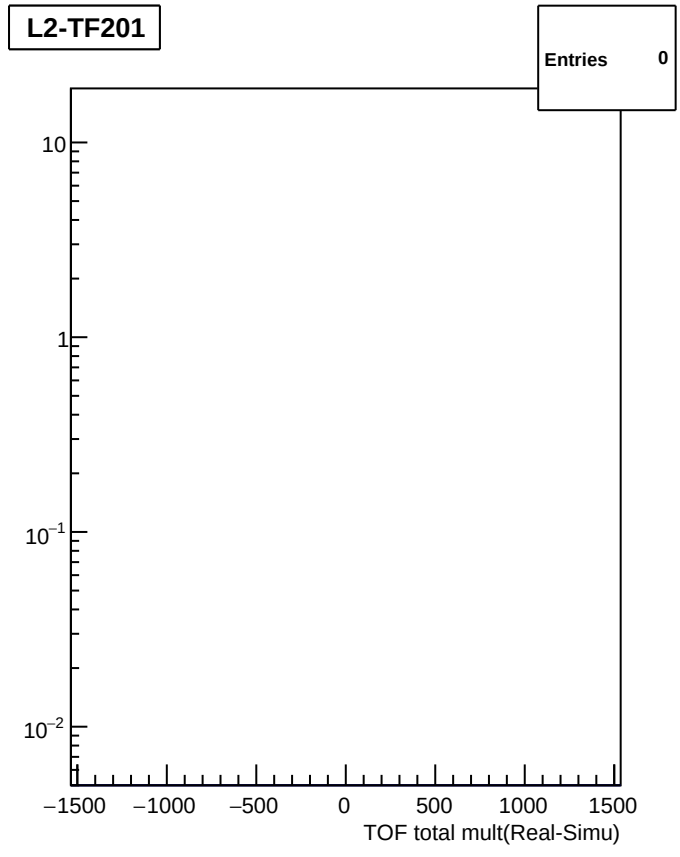

MIX-TF101
Entries 1536294
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

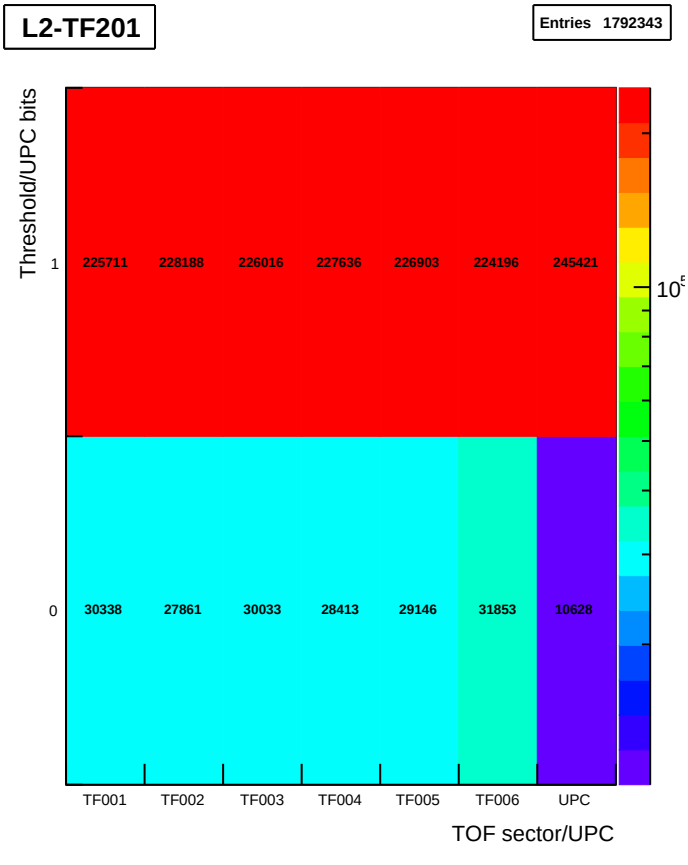

MIX-TF101
Entries 73881
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

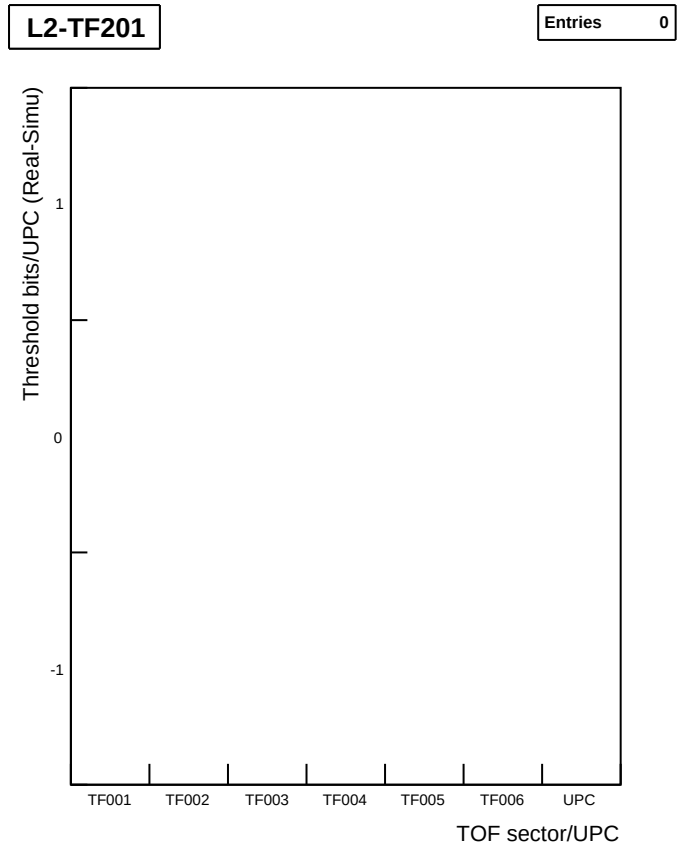

MIX-TF101
Entries 1536294
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

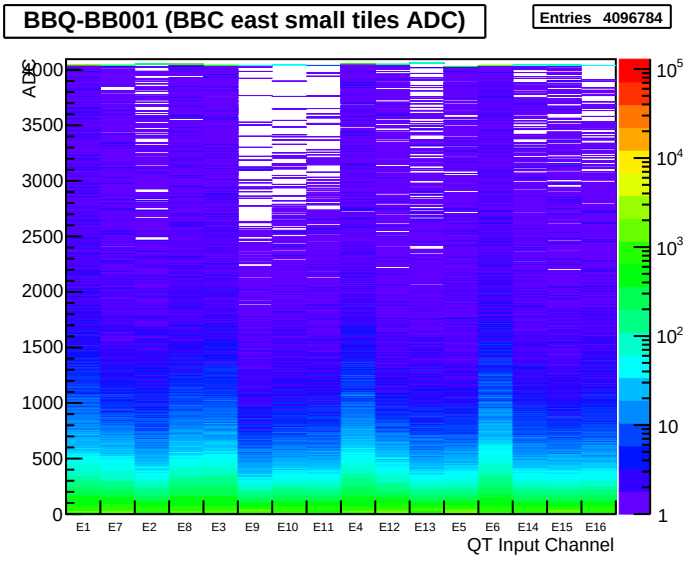

MIX-TF101
Entries 148738
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

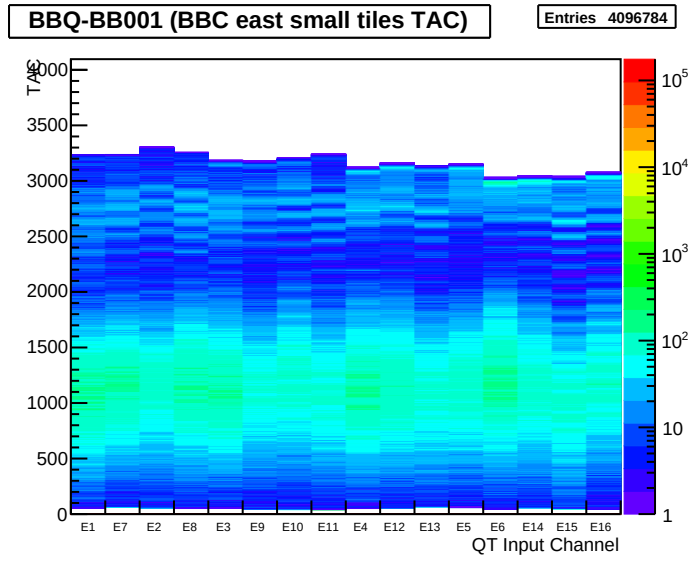

L2-TF201
Entries 256049
TOF total mult

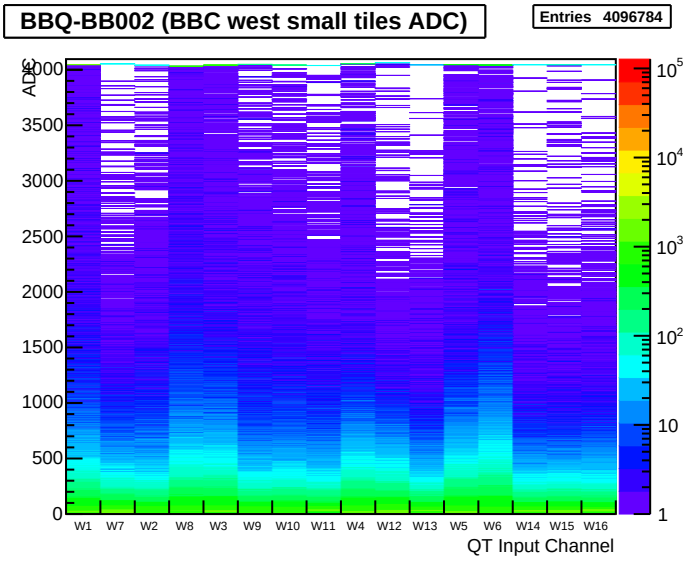

L2-TF201
Entries 0
TOF total mult(Real-Simu)

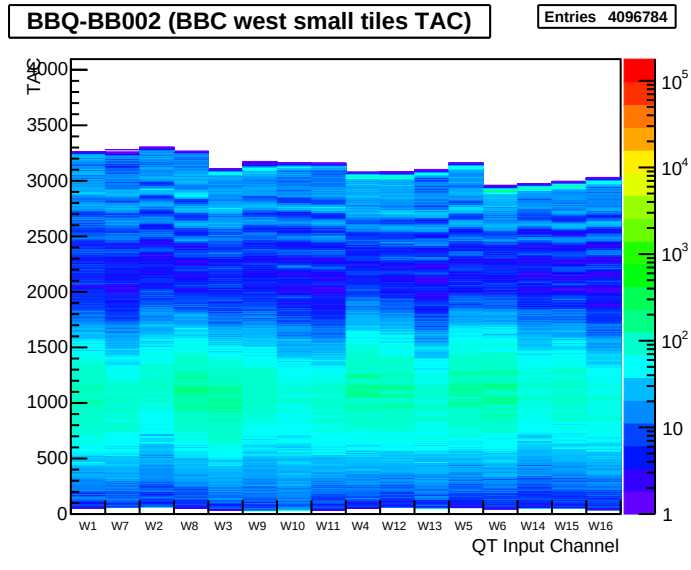

L2-TF201
Entries 1792343
Threshold/UPC bits
225711
228188
226016
227636
226903
224196
245421
30338
27861
30033
28413
29146
31853
10628
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

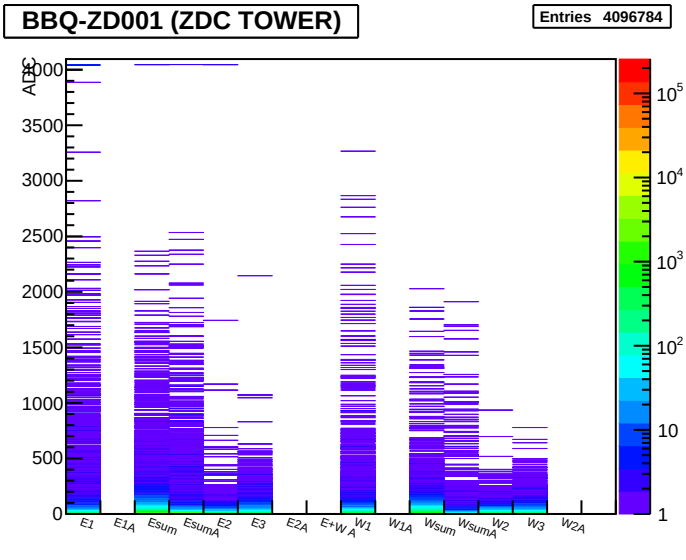

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

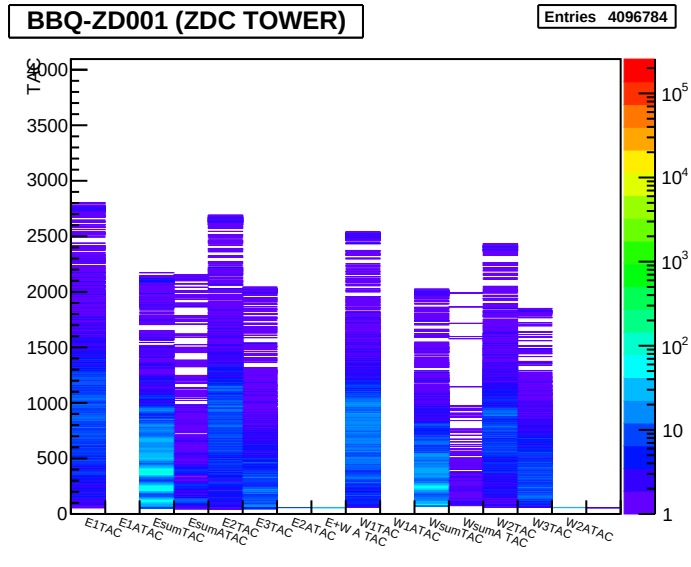

BBQ-BB001 (BBC east small tiles ADC)
Entries 4096784
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

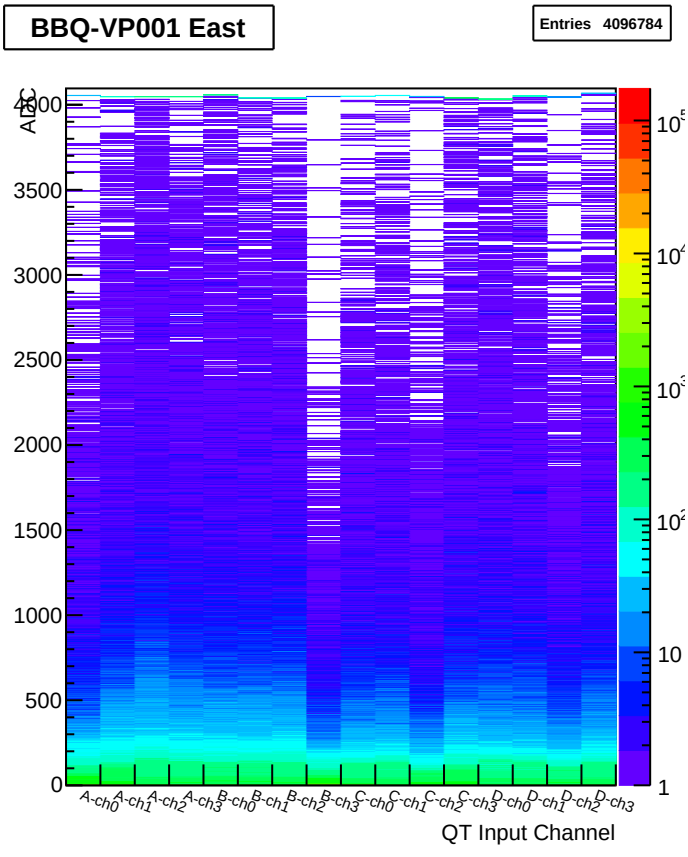

BBQ-BB001 (BBC east small tiles TAC)
Entries 4096784
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

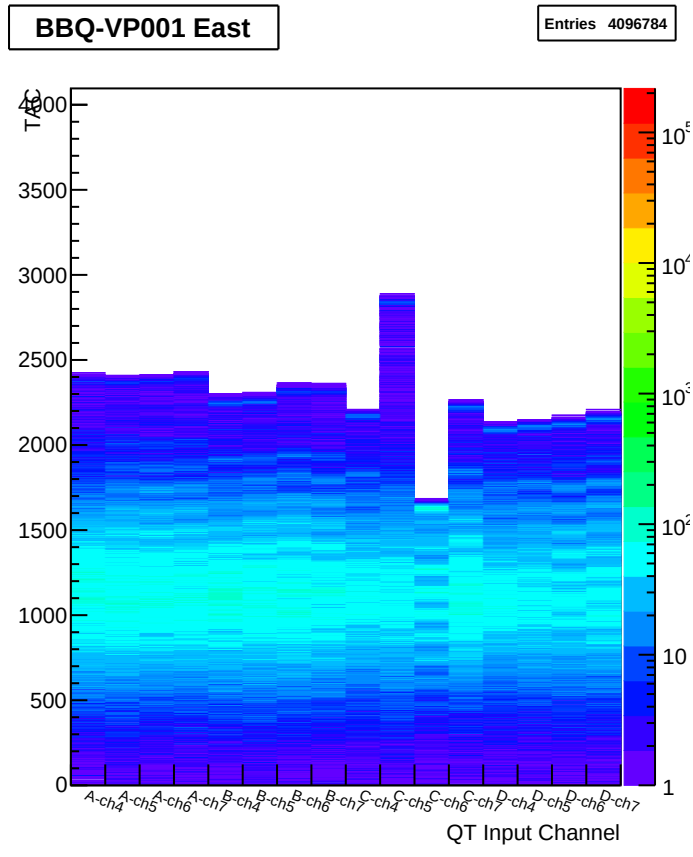

BBQ-BB002 (BBC west small tiles ADC)
Entries 4096784
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

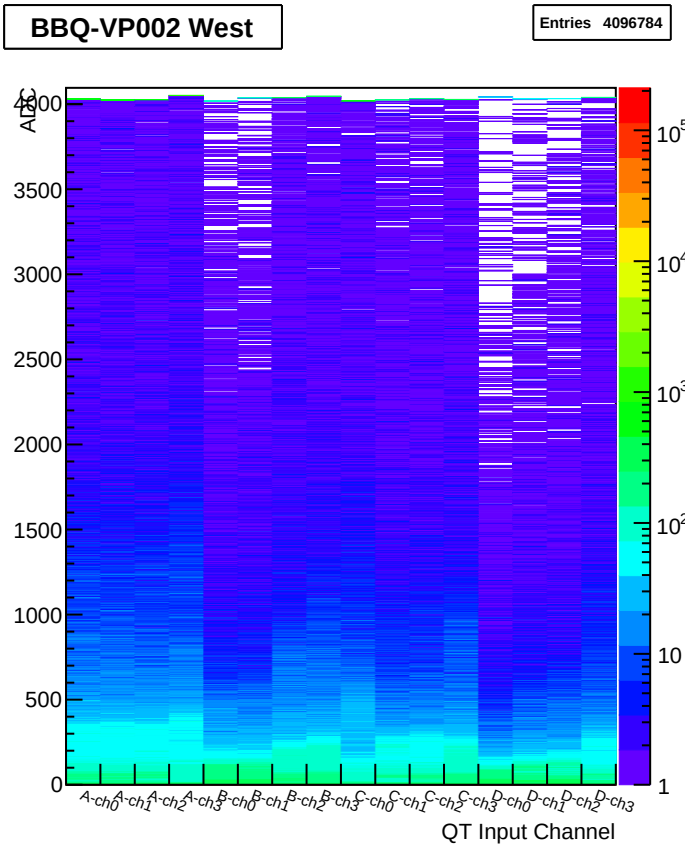

BBQ-BB002 (BBC west small tiles TAC)
Entries 4096784
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

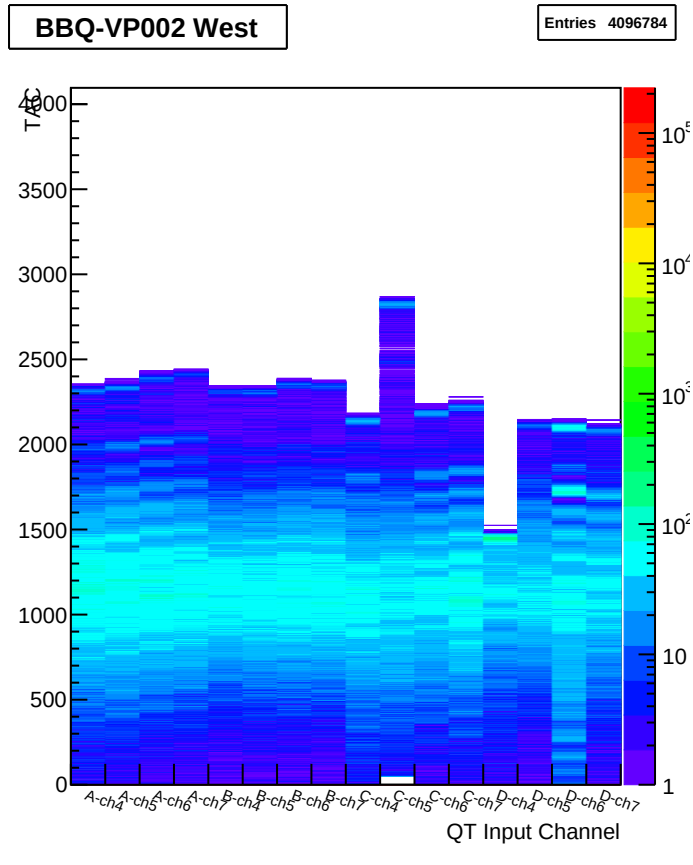

BBQ-ZD001 (ZDC TOWER)
Entries 4096784
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

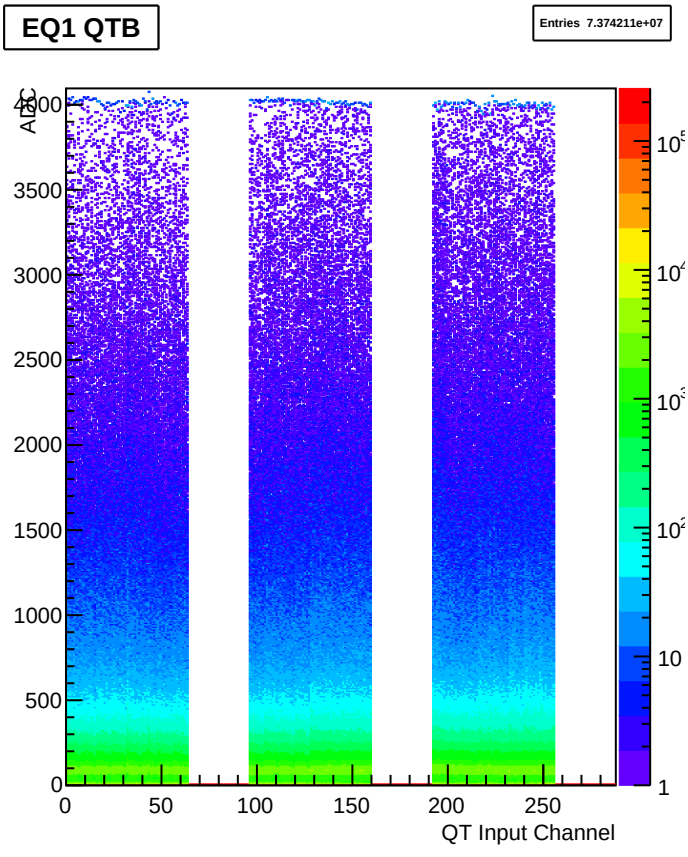

BBQ-ZD001 (ZDC TOWER)
Entries 4096784
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

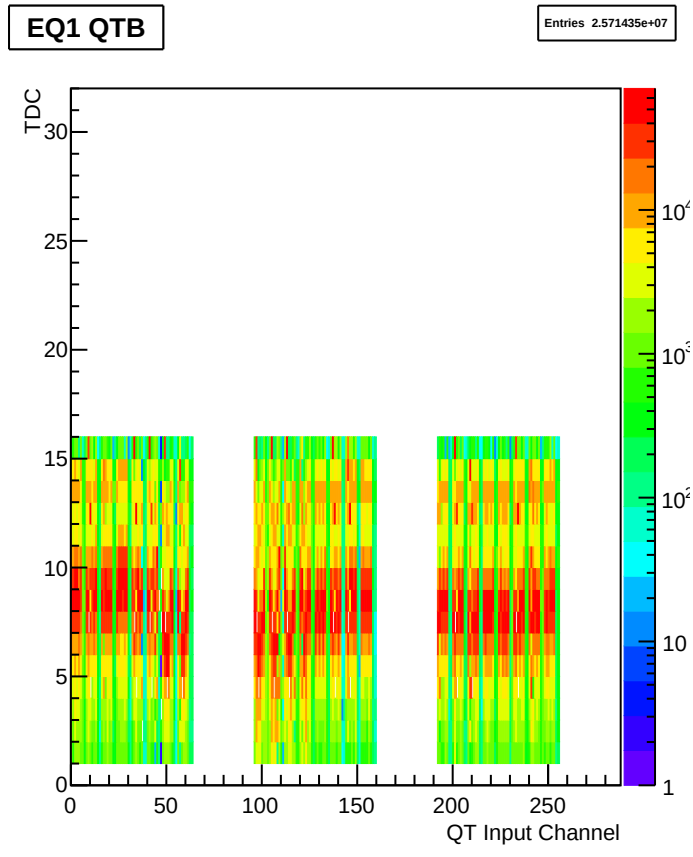

BBQ-VP001 East
Entries 4096784
ADC
QT Input Channel

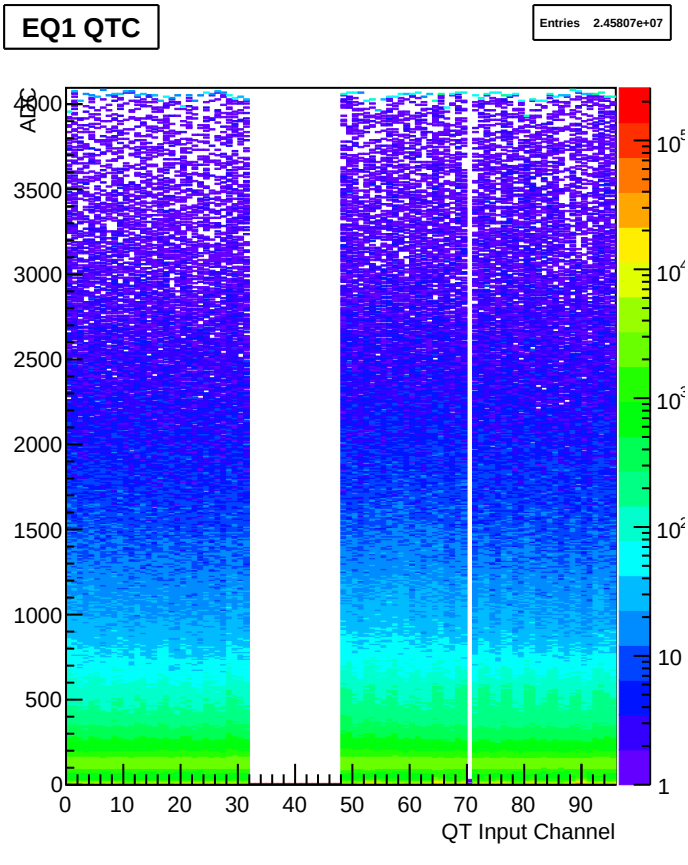

BBQ-VP001 East
Entries 4096784
ADC
QT Input Channel

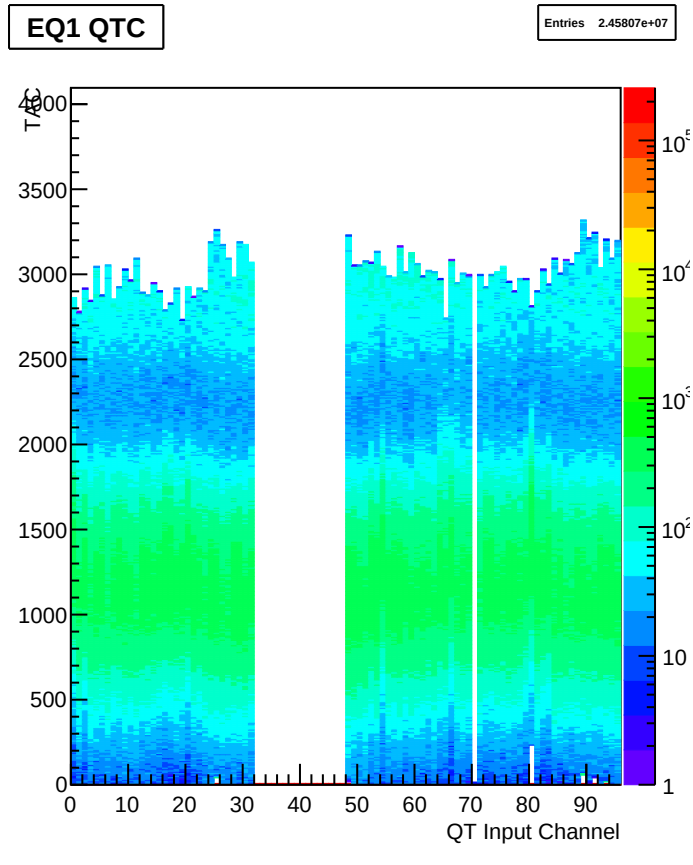

BBQ-VP002 West
Entries 4096784
ADC
QT Input Channel

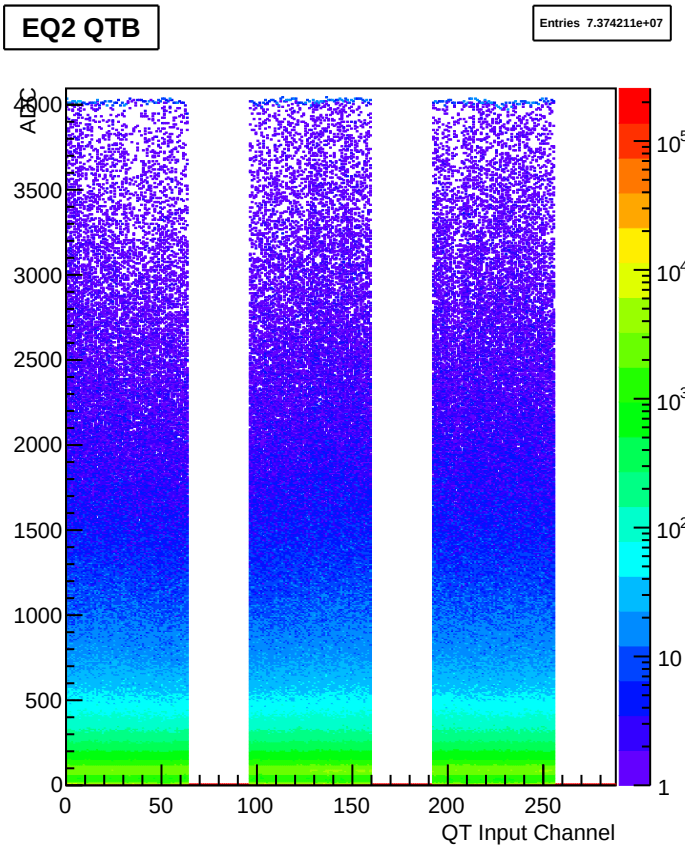

BBQ-VP002 West
Entries 4096784
ADC
QT Input Channel

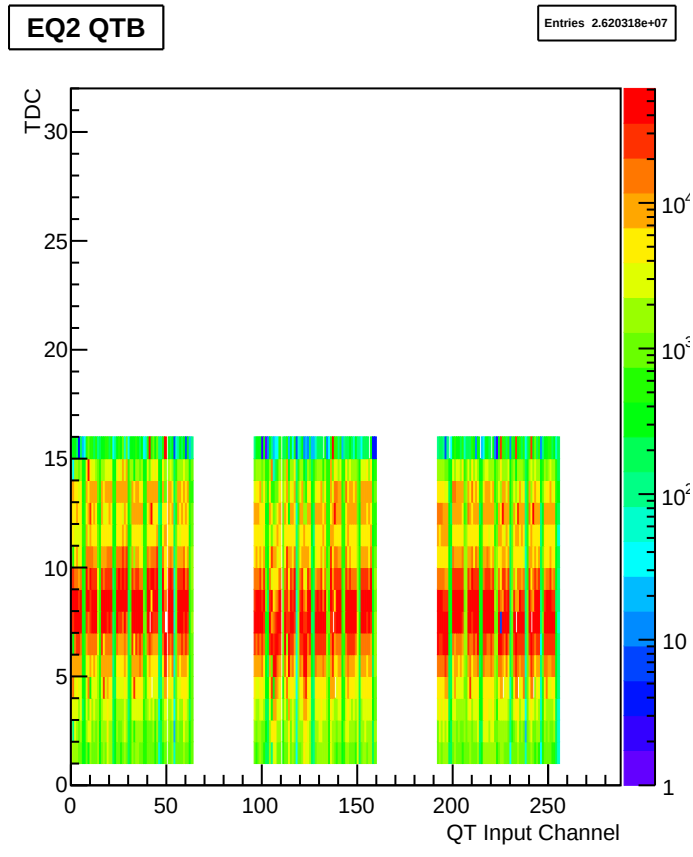

EQ1 QTB
Entries 7.374211e+07
ADC
QT Input Channel

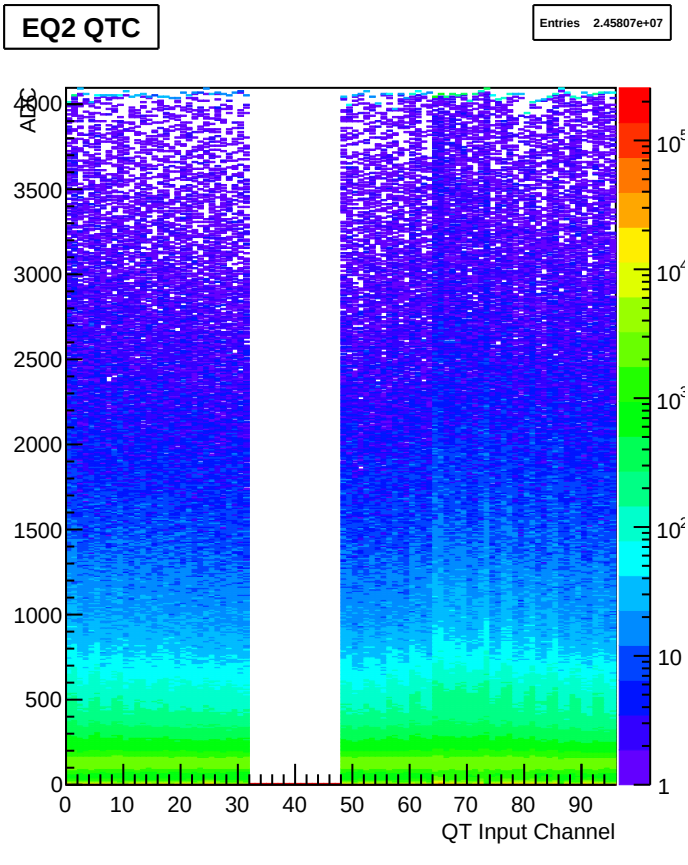

EQ1 QTB
Entries 2.571435e+07
TDC
QT Input Channel

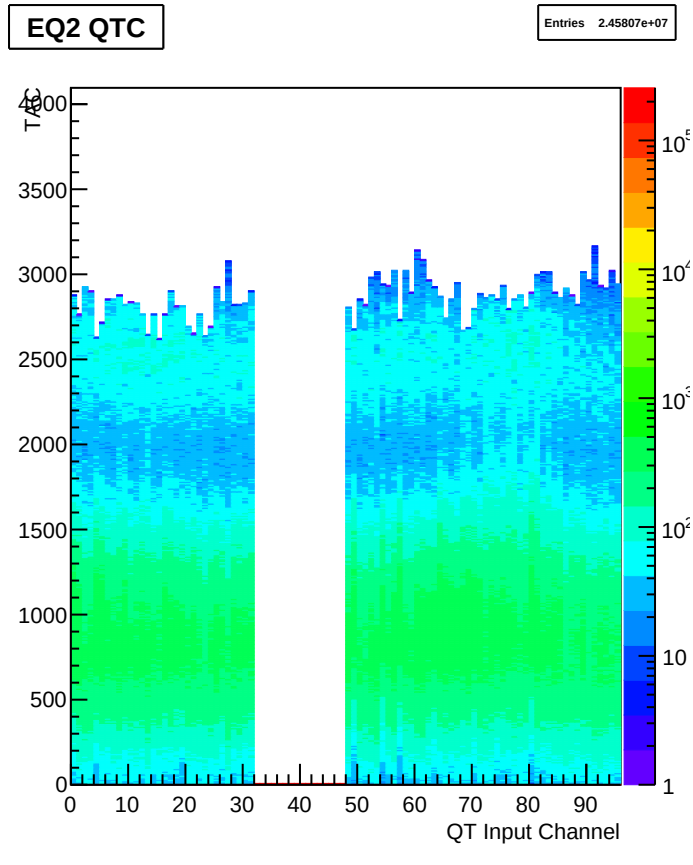

EQ1 QTC
Entries 2.45807e+07
ADC
QT Input Channel

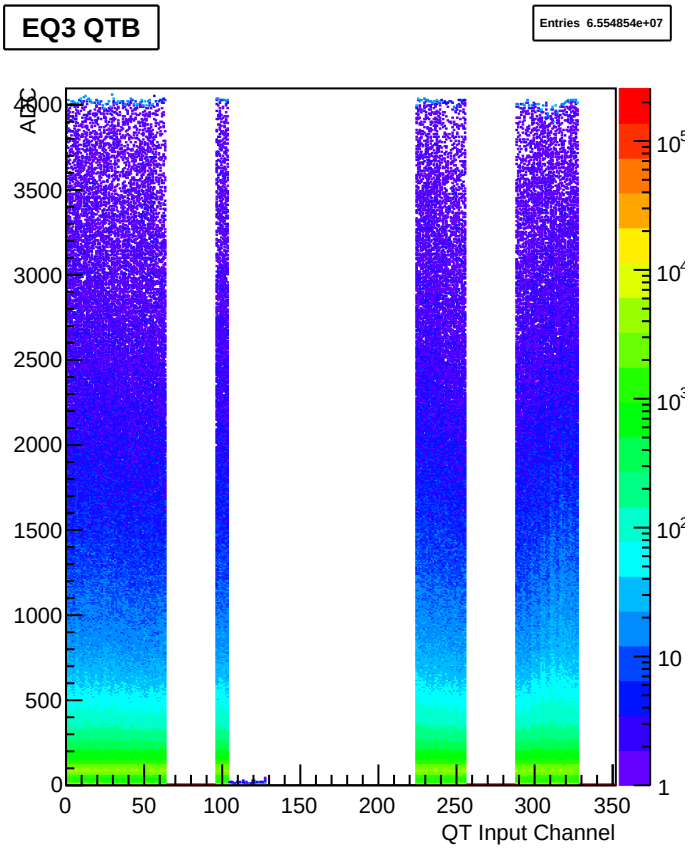

EQ1 QTC
Entries 2.45807e+07
TADC
QT Input Channel

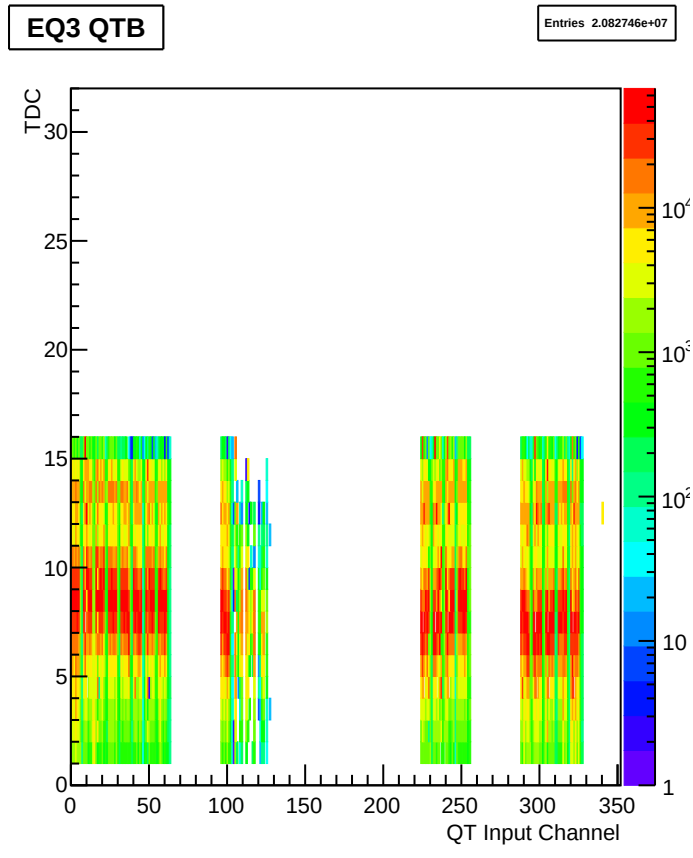

EQ2 QTB
Entries 7.374211e+07
ADC
QT Input Channel

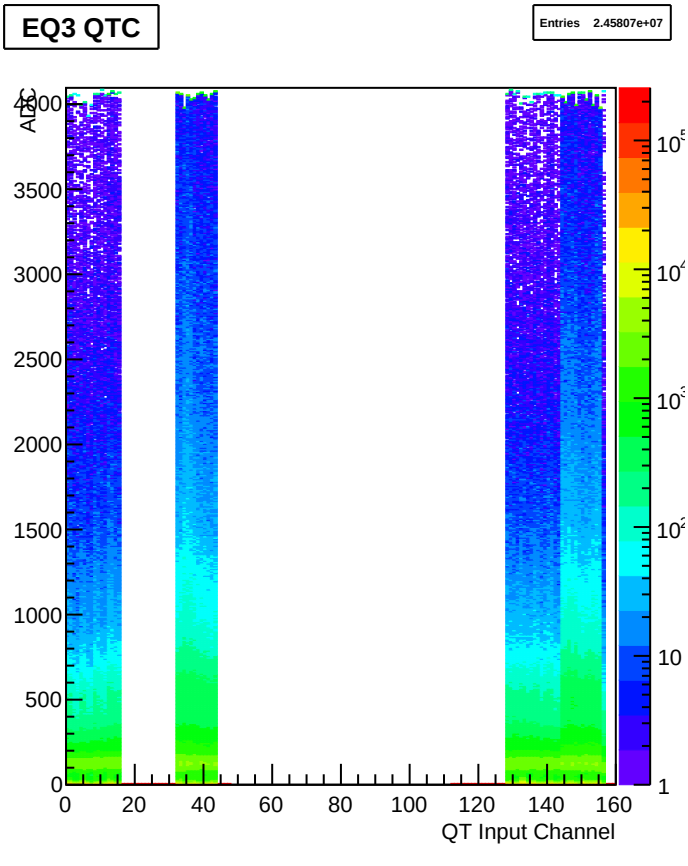

EQ2 QTB
Entries 2.620318e+07
TDC
QT Input Channel

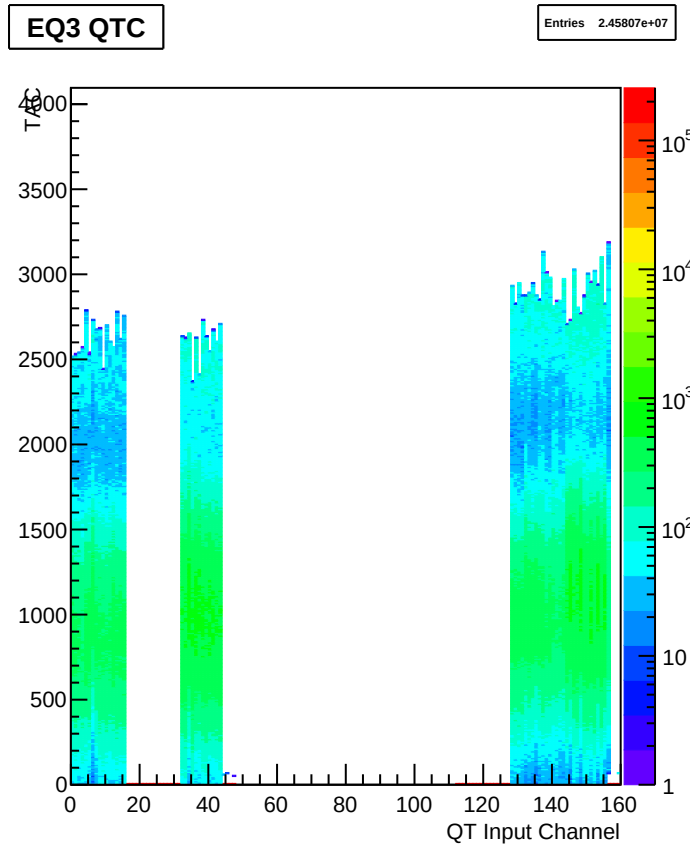

EQ2 QTC
Entries 2.45807e+07
ADC
QT Input Channel

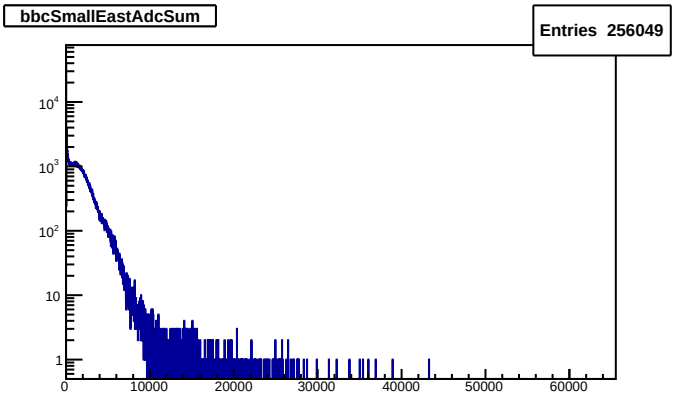

EQ2 QTC
Entries 2.45807e+07
TADC
QT Input Channel

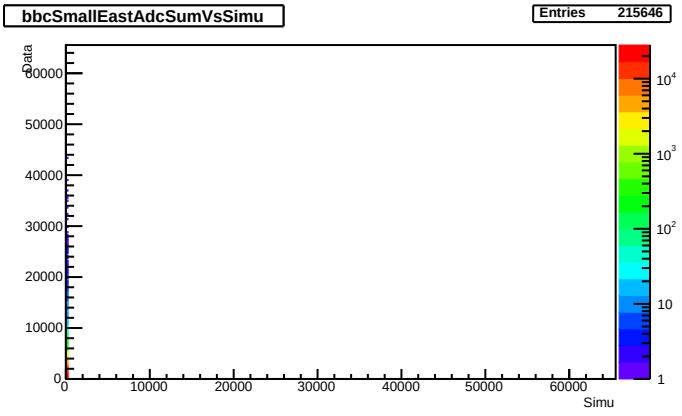

EQ3 QTB
Entries 6.554854e+07
ADC
QT Input Channel

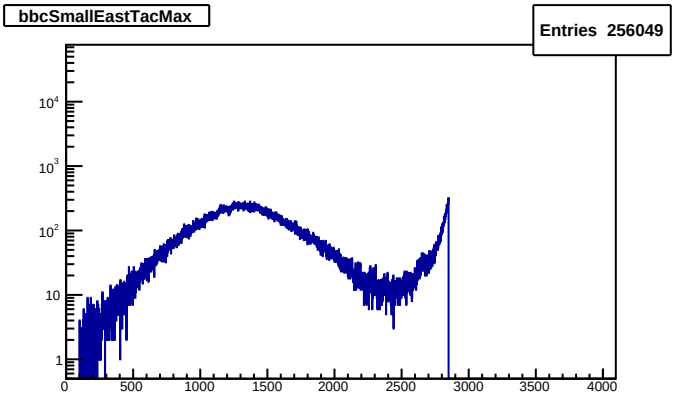

EQ3 QTB
Entries 2.082746e+07
TDC
QT Input Channel

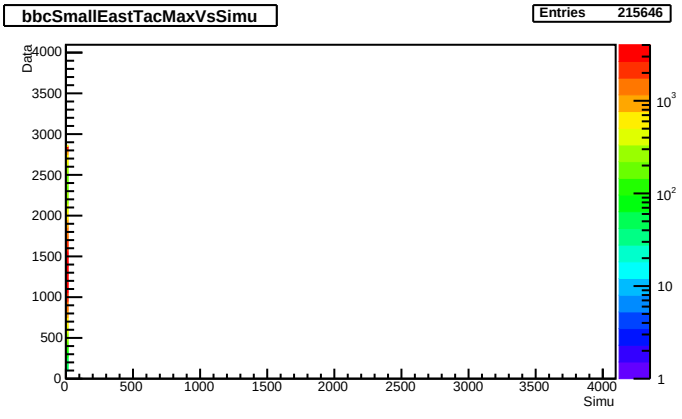

EQ3 QTC
Entries 2.45807e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.45807e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 256049


bbcSmallEastAdcSumVsSimu
Entries 215646
Data
Simu


bbcSmallEastTacMax
Entries 256049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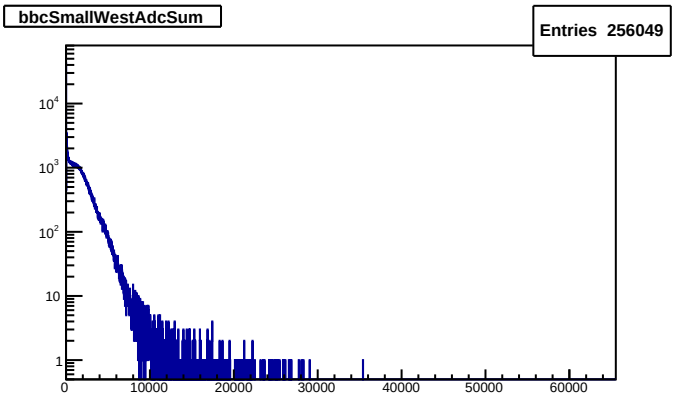
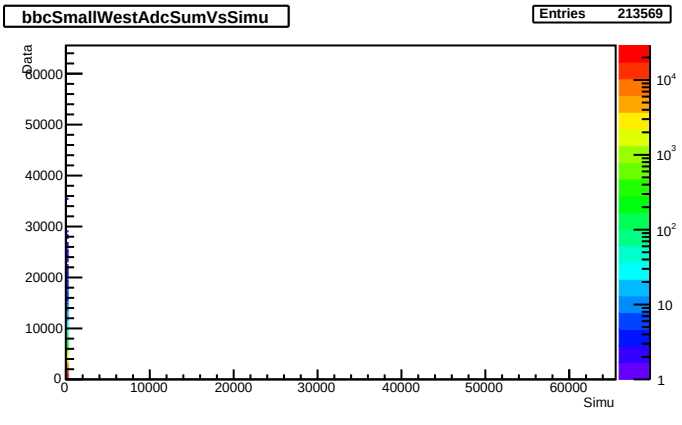
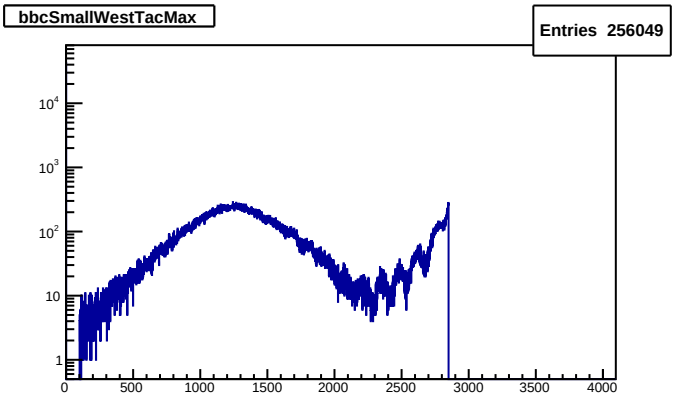
Entries 215646
Data
Simu


bbcSmallWestAdcSum
Entries 256049


bbcSmallWestAdcSumVsSimu
Entries 213569
Data
Simu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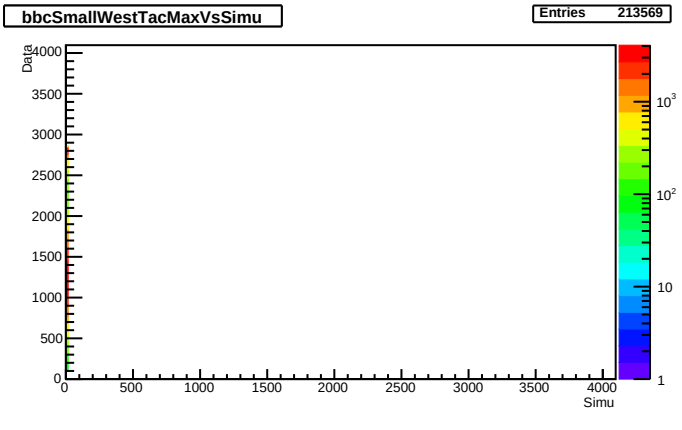
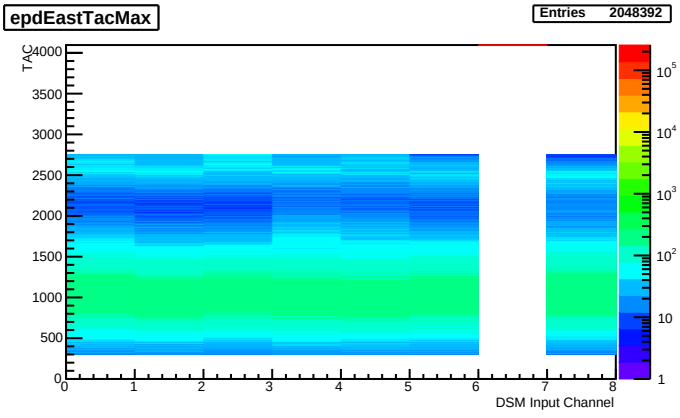
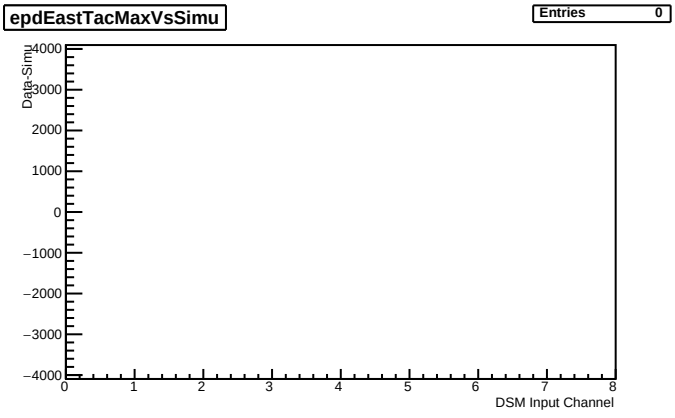
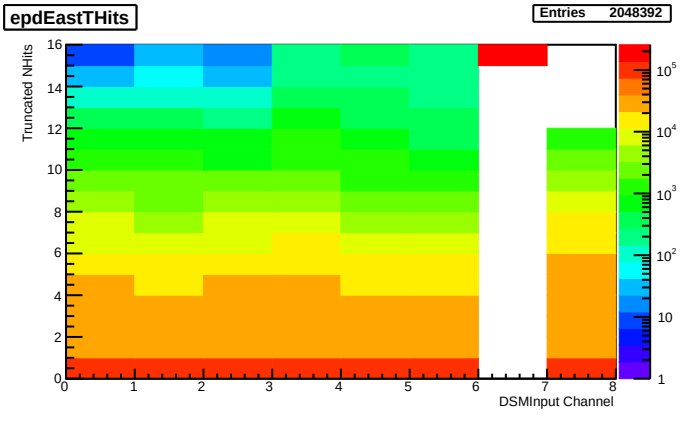
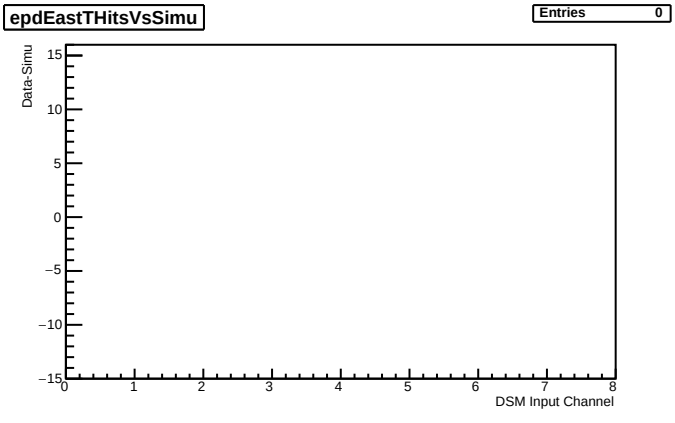
Entries 256049


bbcSmallWestTacMaxVsSimu
Entries 213569
Data
Simu


epdEastTacMax
Entries 2048392
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2048392
Truncated NHits
DSMInput Channel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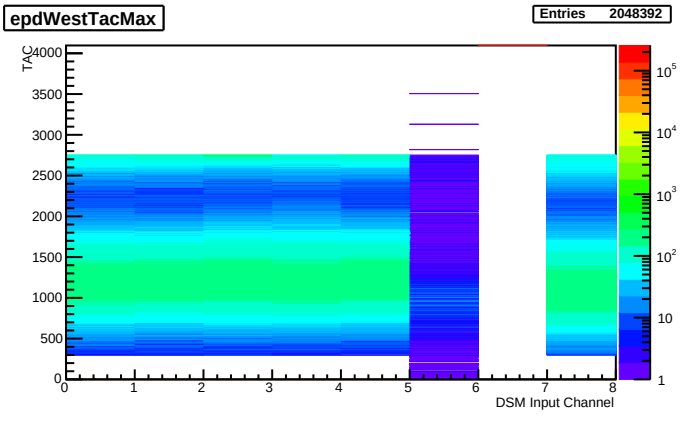
Data-Simu
DSM Input Channel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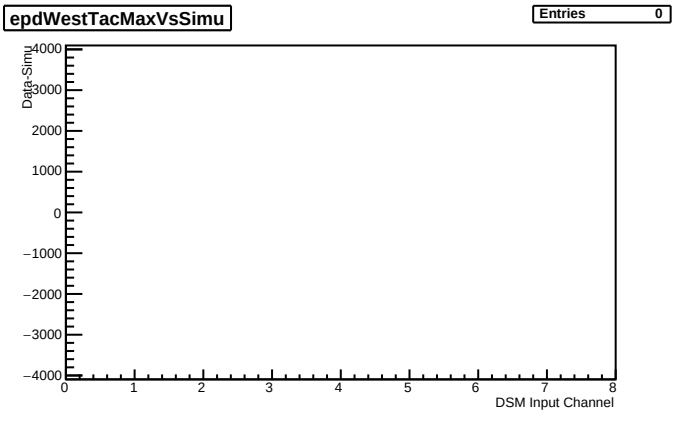
Entries 2048392
TAC
DSM Input Channel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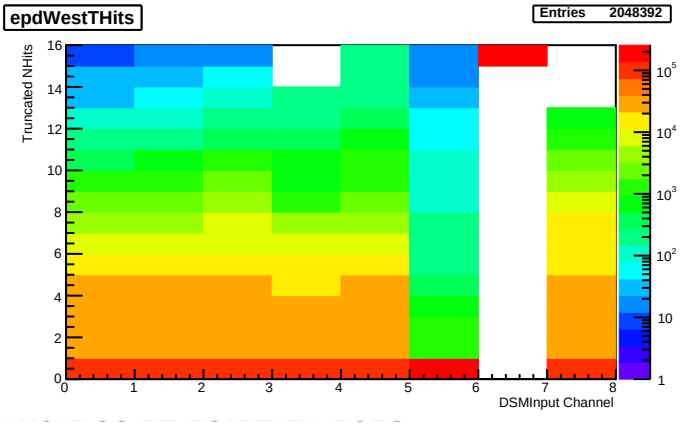
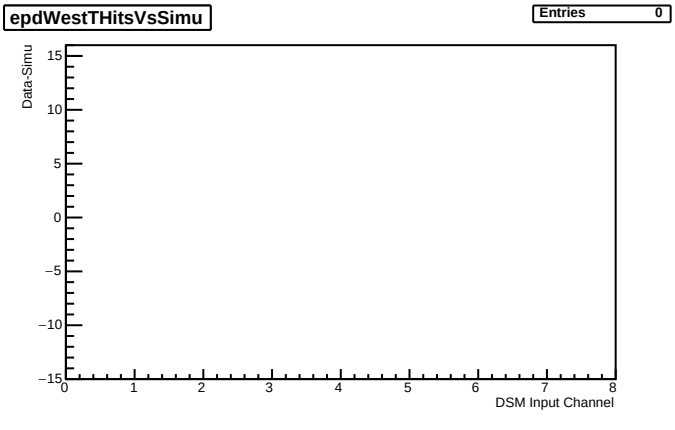
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2048392
Truncated NHits
DSMInput Channel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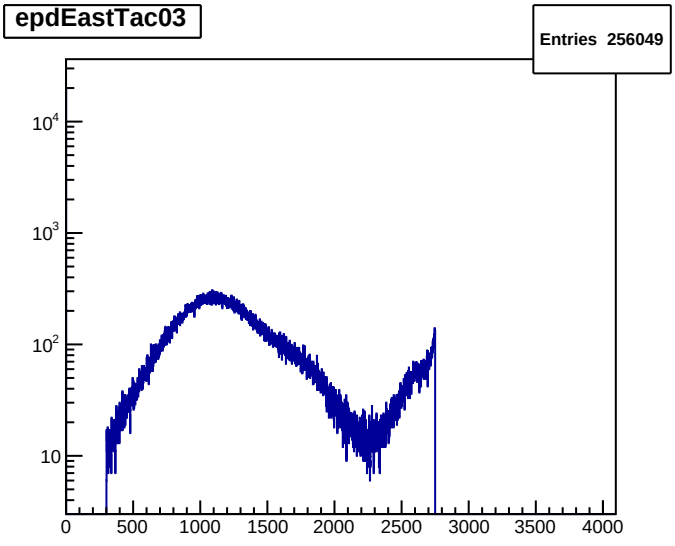
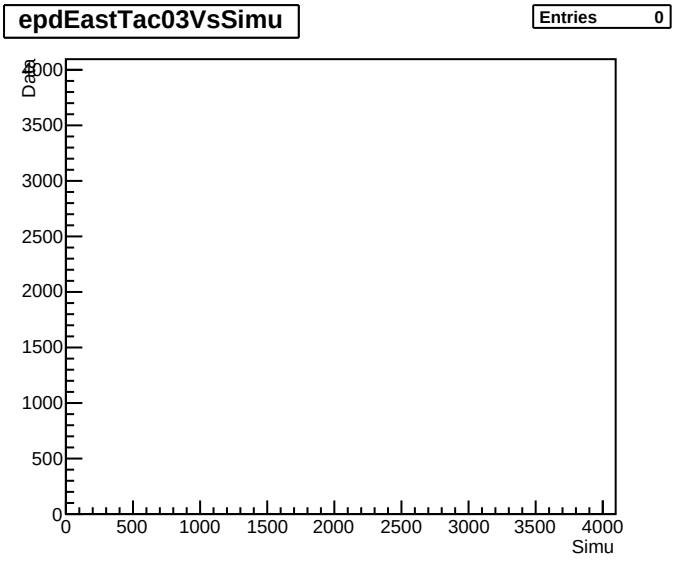
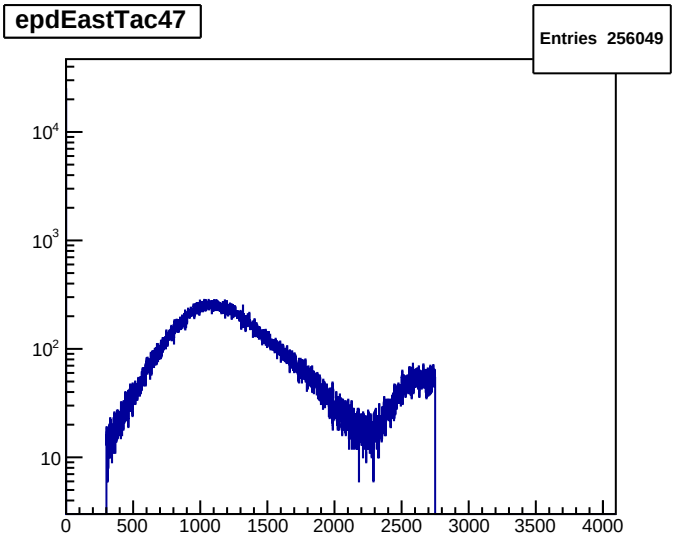
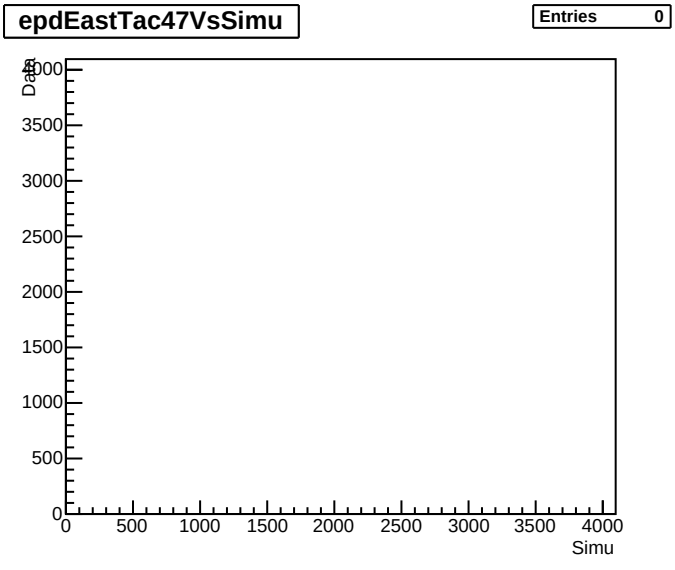
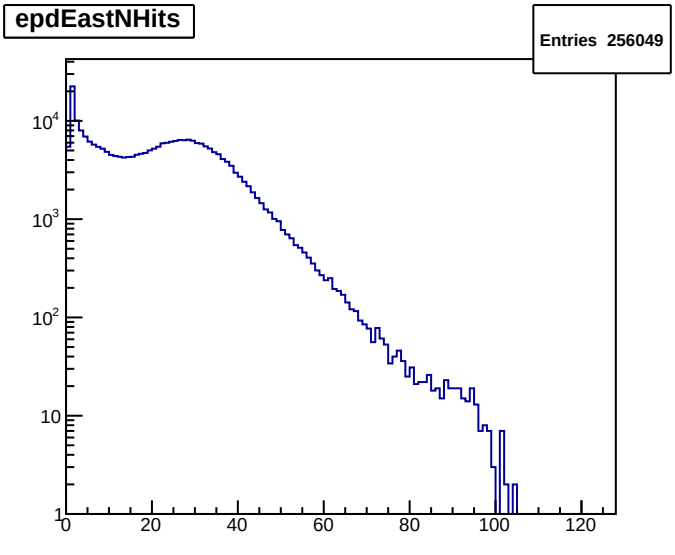
Entries 0
Data-Simu
DSM Input Channel

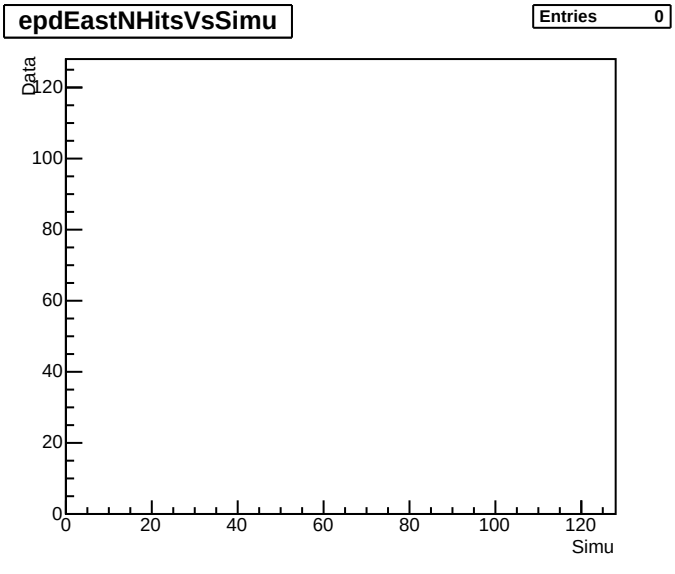

epdEastTac03
Entries 256049


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 256049


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 256049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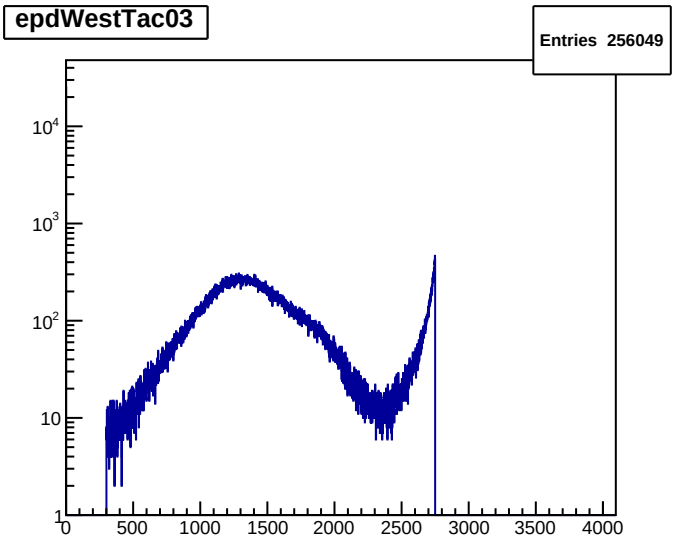
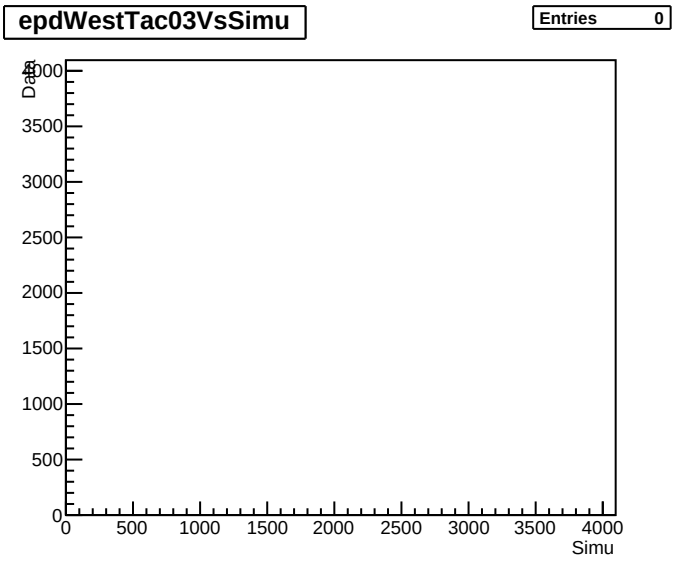
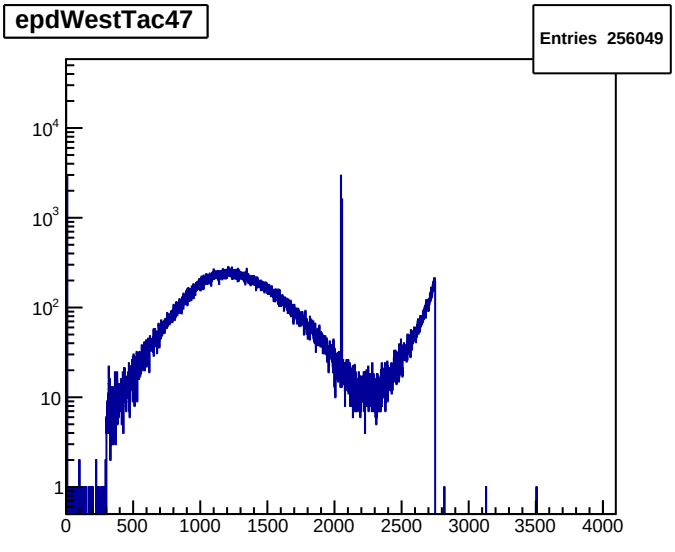
Entries 0
Data
Simu


epdWestTac03
Entries 256049


epdWestTac03VsSimu
Entries 0
Data
Simu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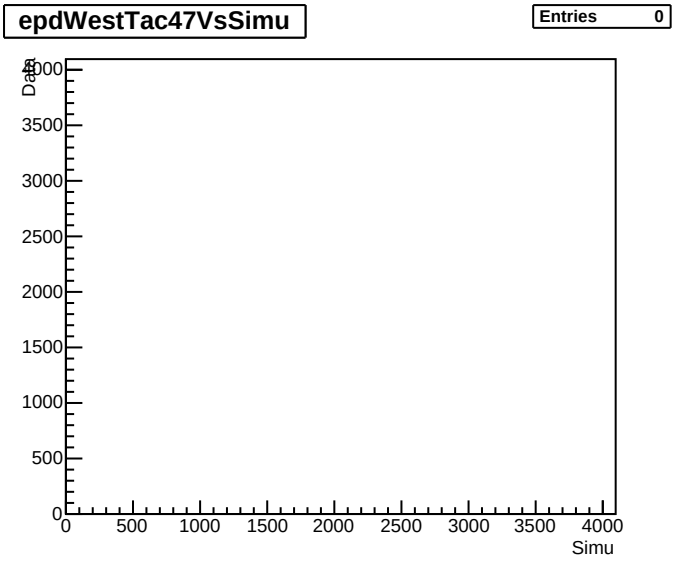
Entries 256049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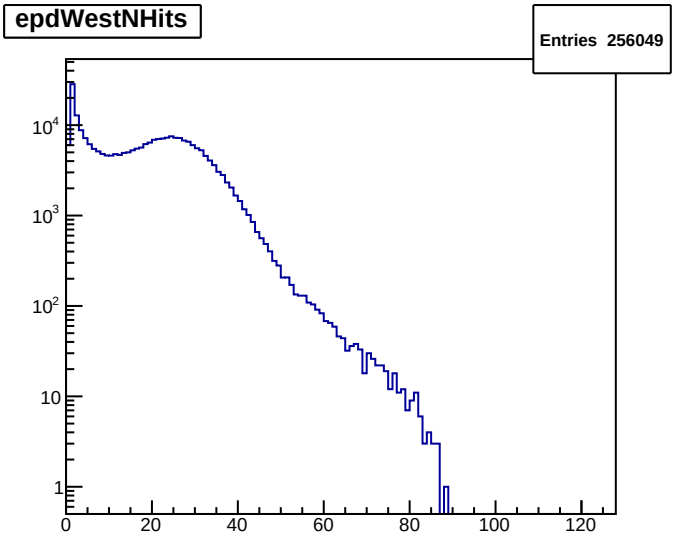
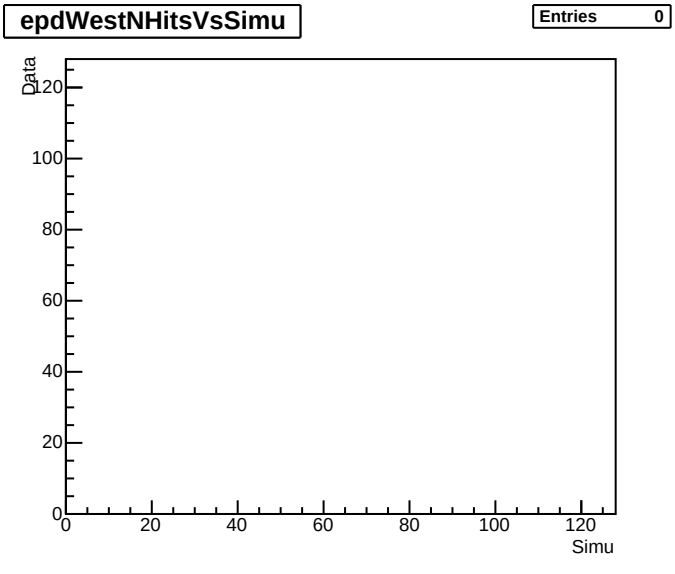
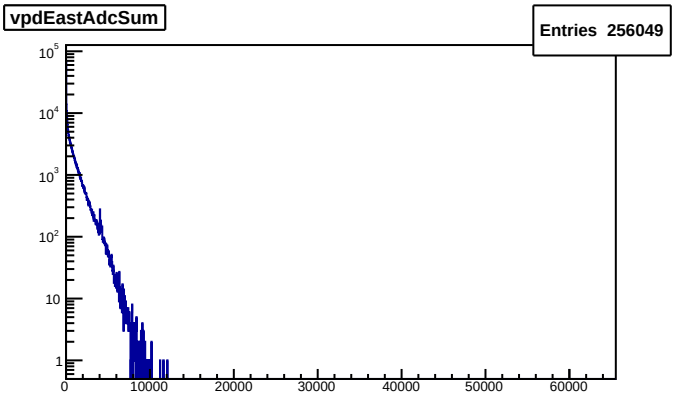
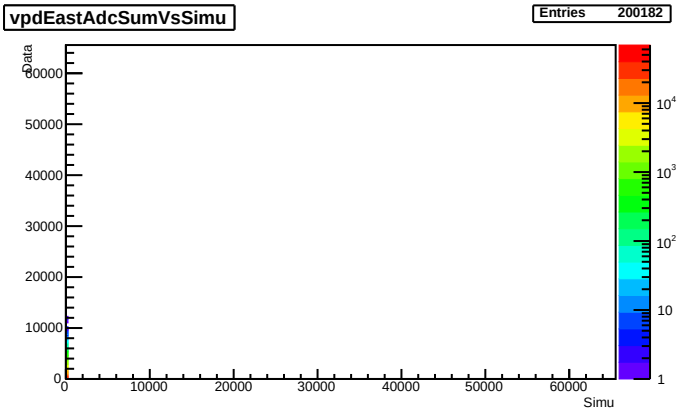
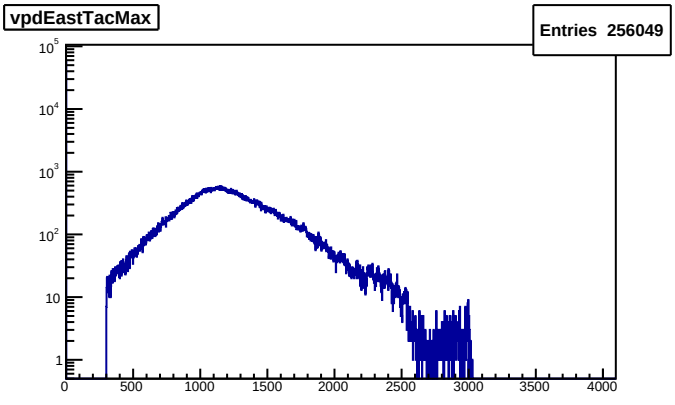
Entries 0
Data
Simu

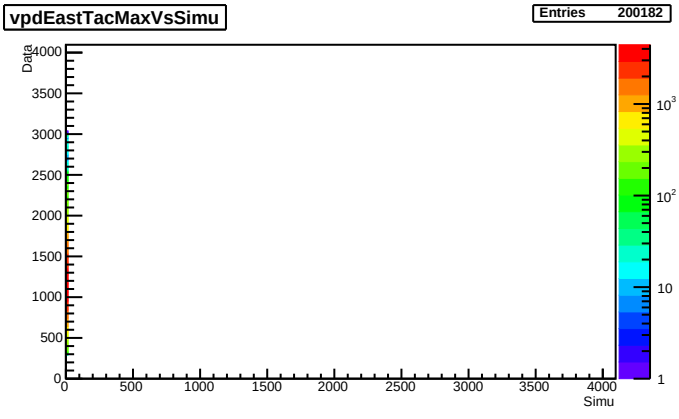

epdWestNHits
Entries 256049

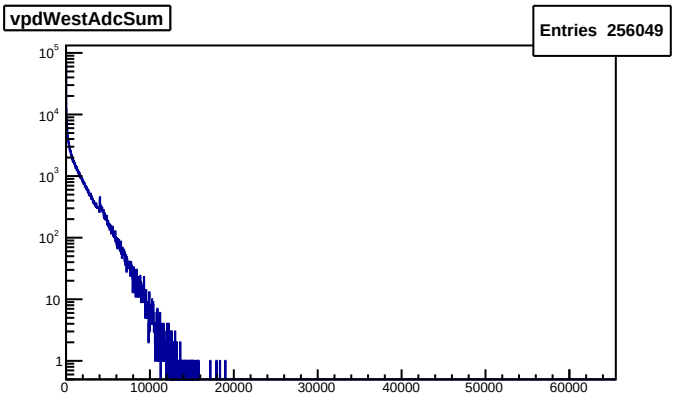

epdWestNHitsVsSimu
Entries 0
Data
Simu

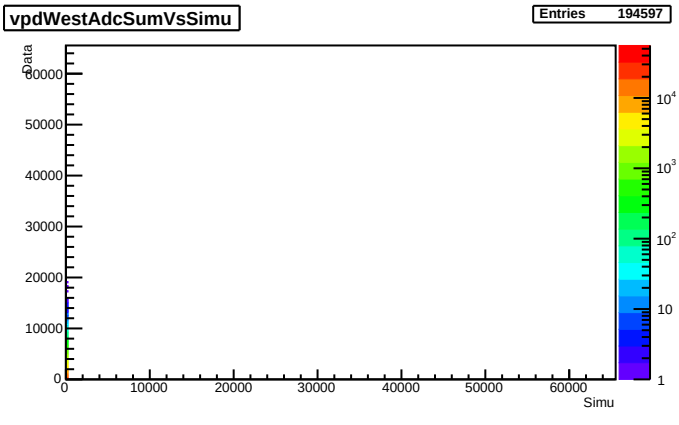

vpdEastAdcSum
Entries 256049

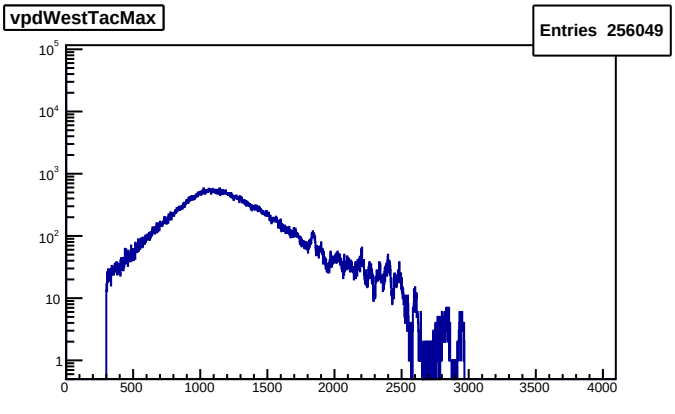

vpdEastAdcSumVsSimu
Entries 200182
Data
Simu

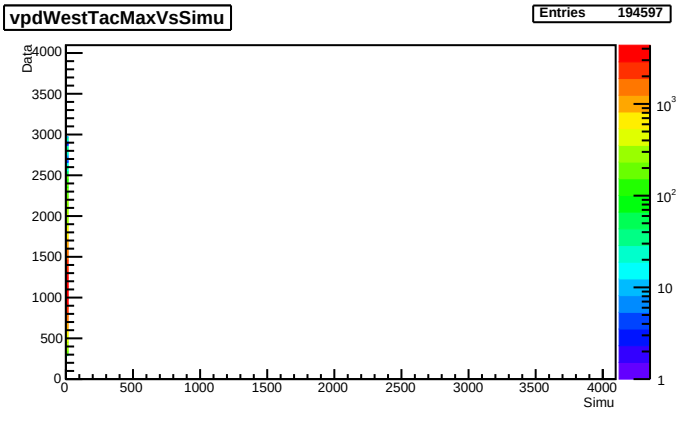

vpdEastTacMax
Entries 256049

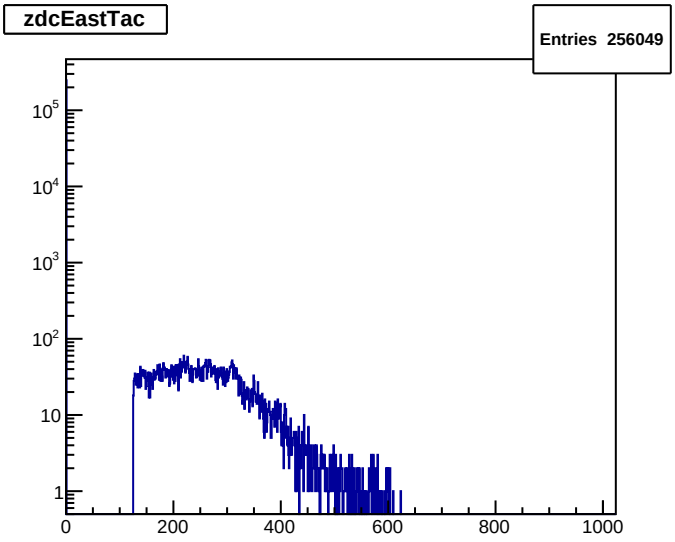

vpdEastTacMaxVsSimu
Entries 200182
Data
Simu

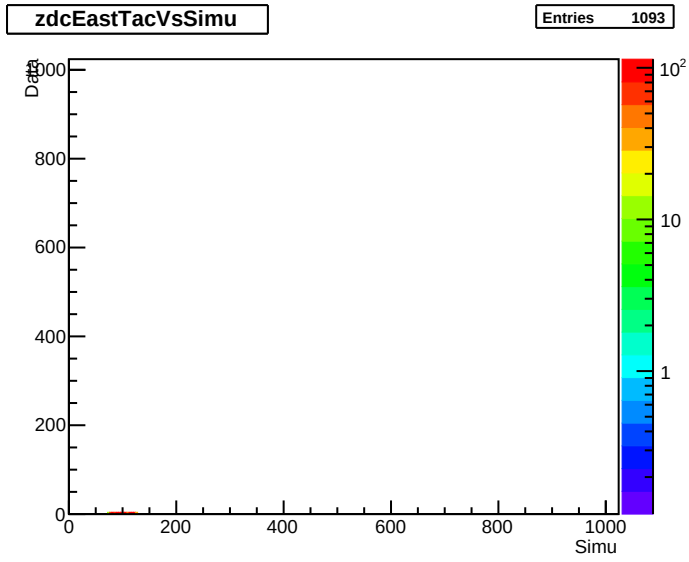

vpdWestAdcSum
Entries 256049

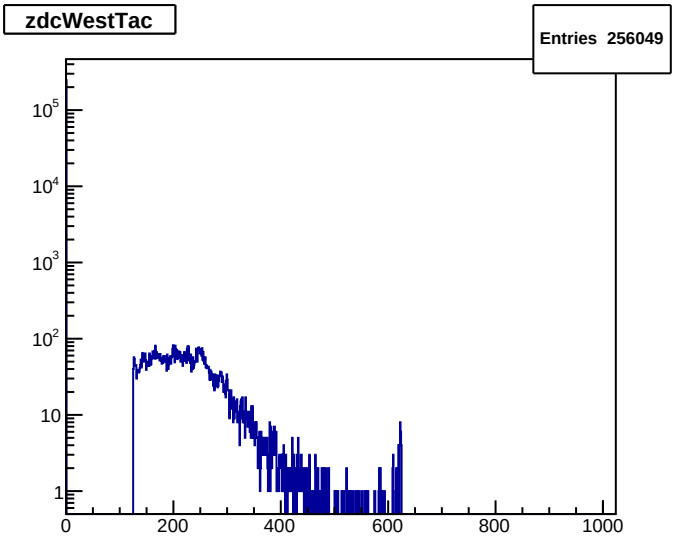

vpdWestAdcSumVsSimu
Entries 194597
Data
Simu

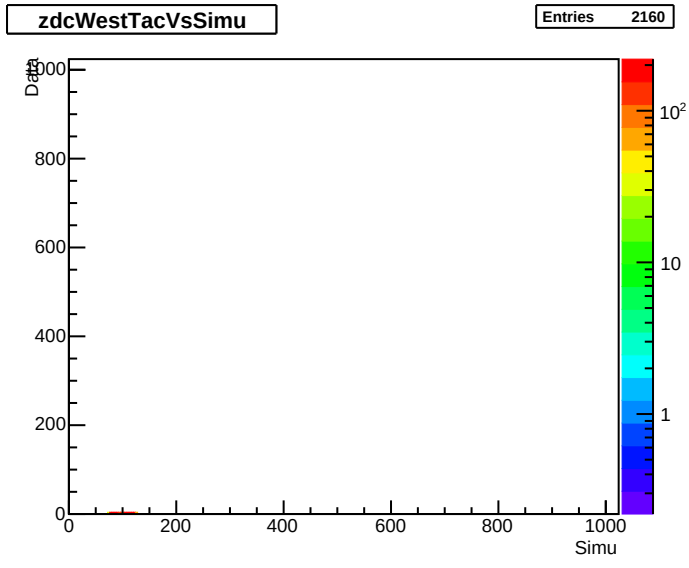

vpdWestTacMax
Entries 256049

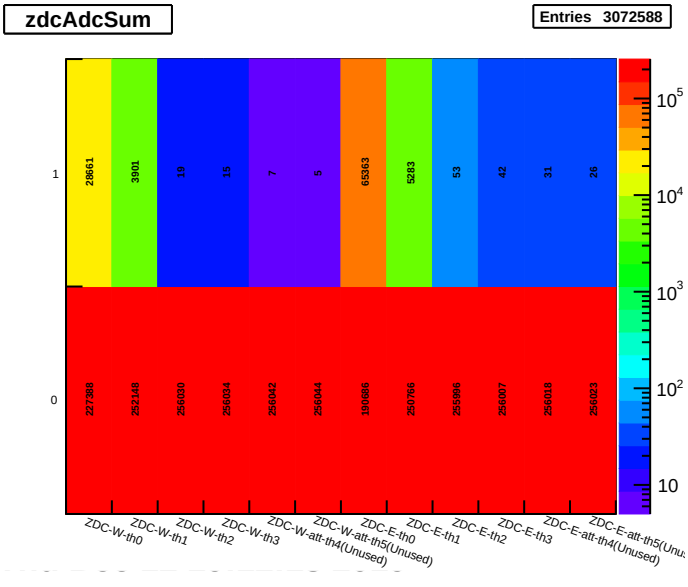

vpdWestTacMaxVsSimu
Entries 194597
Data
Simu

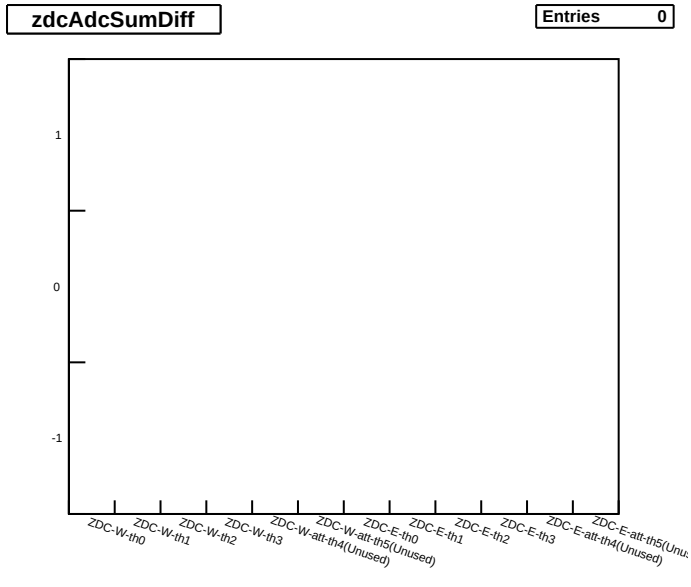

zdcEastTac
Entries 256049

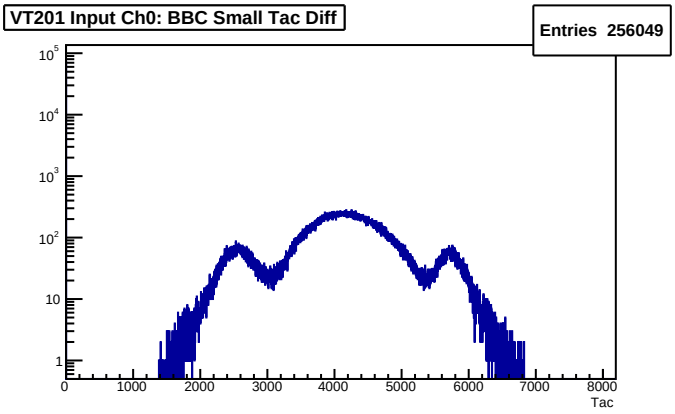

zdcEastTacVsSimu
Entries 1093
Data
Simu

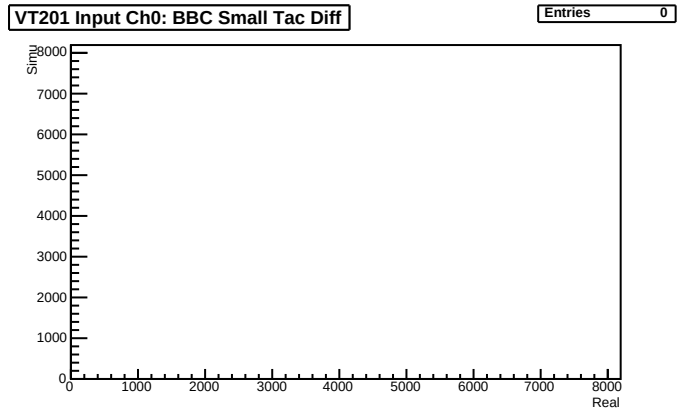

zdcWestTac
Entries 256049

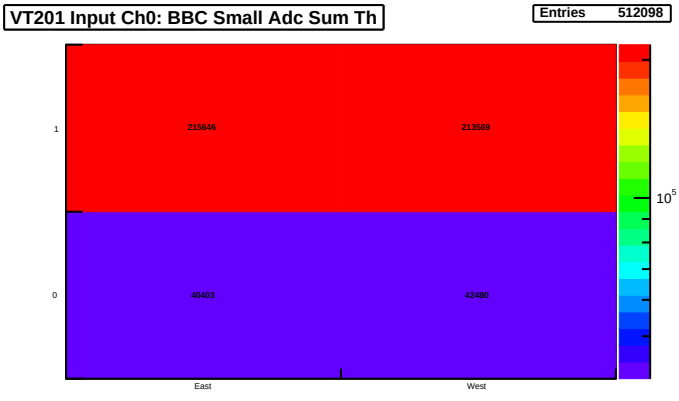

zdcWestTacVsSimu
Entries 2160
Data
Simu

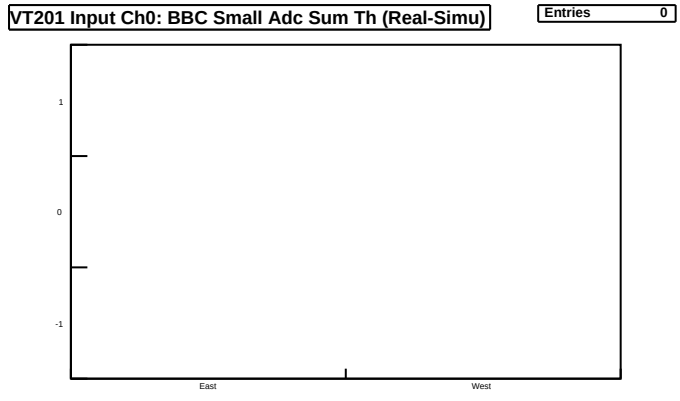

zdcAdcSum
Entries 3072588
28661
3901
19
15
7
5
65363
5283
53
42
31
26
227388
252148
256030
256034
256042
256044
190686
250766
255996
256007
256018
256023
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

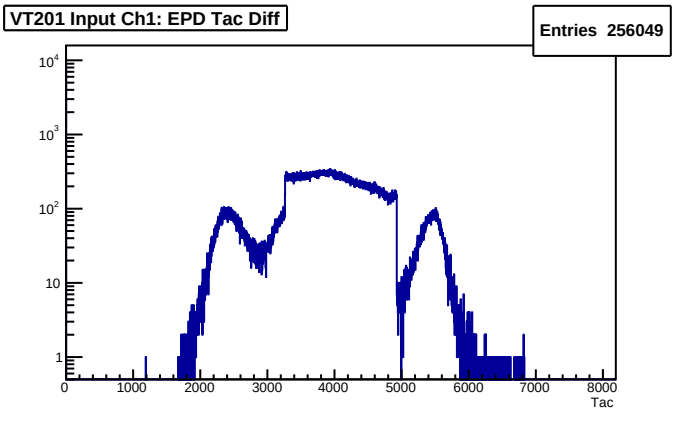

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

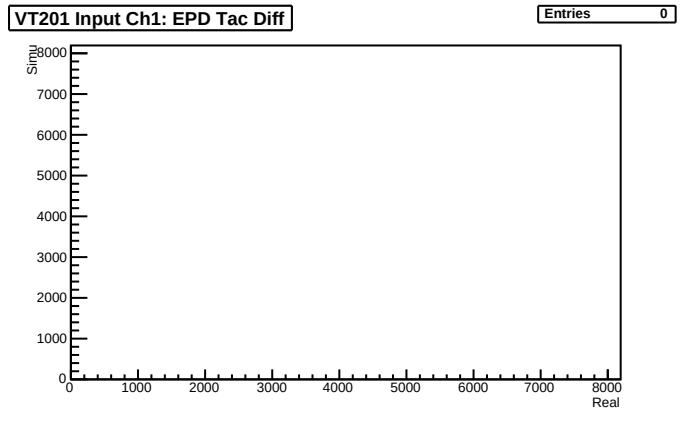

VT201 Input Ch0: BBC Small Tac Diff
Entries 256049
Tac

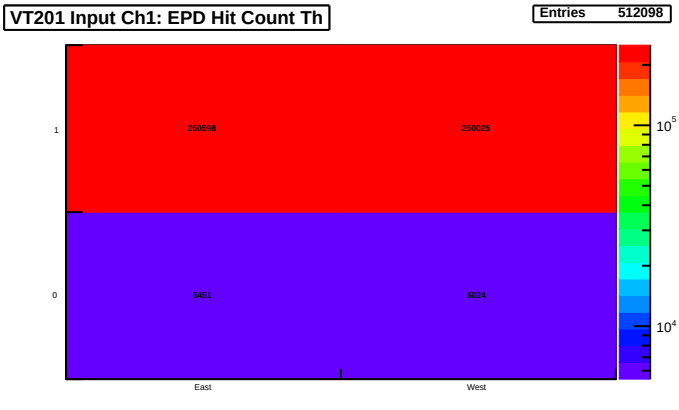

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

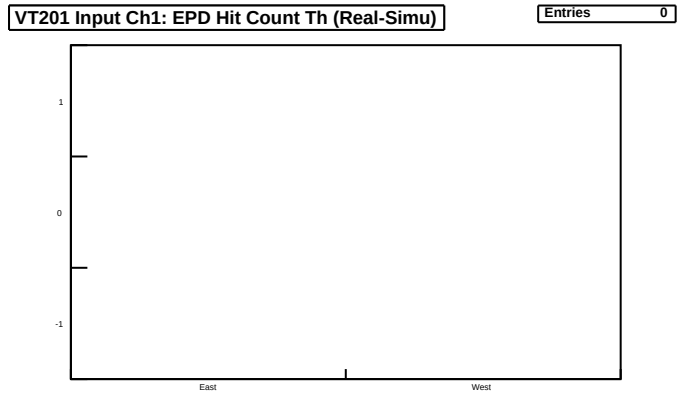

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 512098
215646
213569
40403
42480
East
West

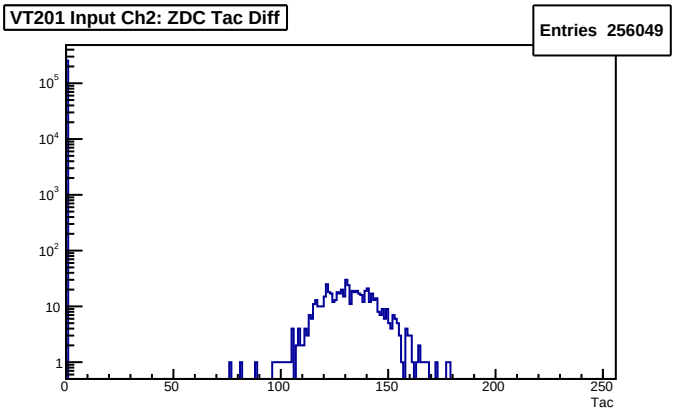

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

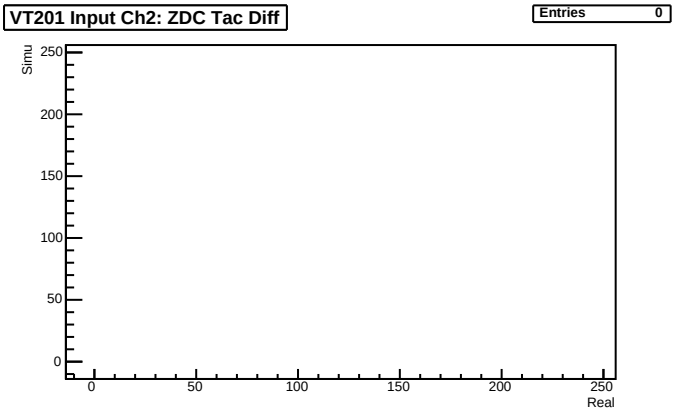

VT201 Input Ch1: EPD Tac Diff
Entries 256049
Tac

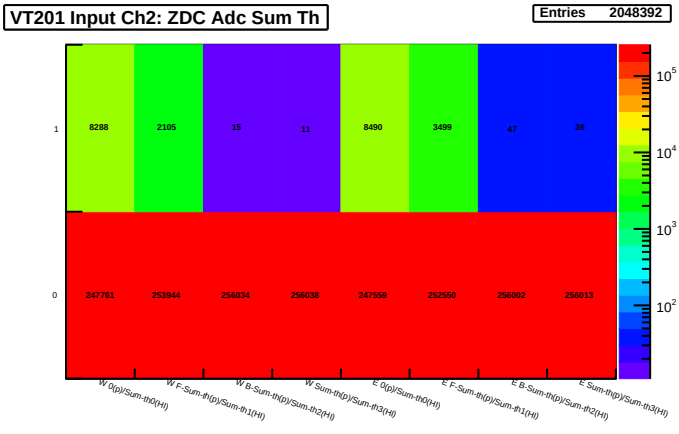

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

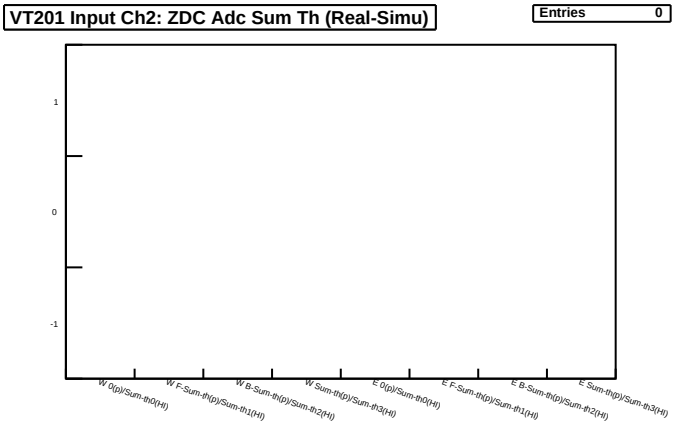

VT201 Input Ch1: EPD Hit Count Th
Entries 512098
250598
250025
5451
6024
East
West

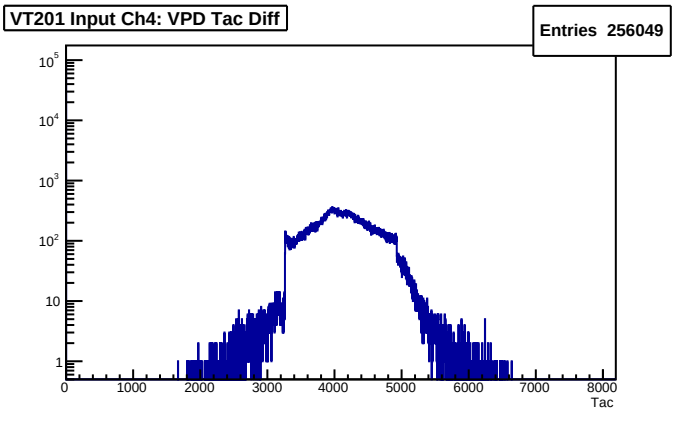

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

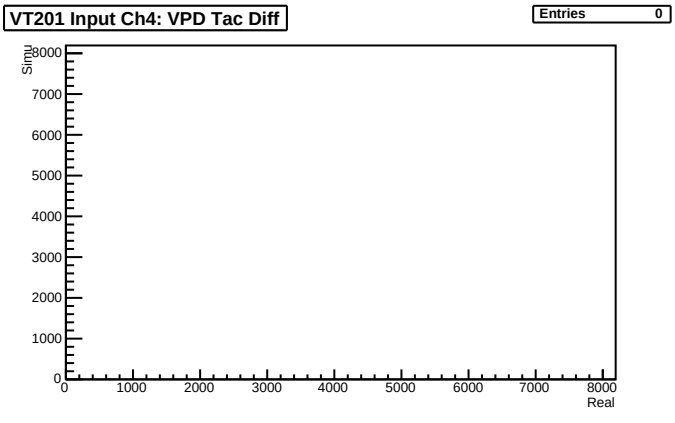

VT201 Input Ch2: ZDC Tac Diff
Entries 256049
Tac

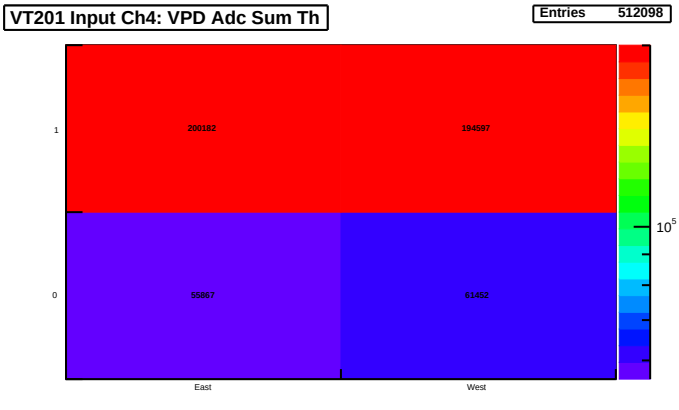

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

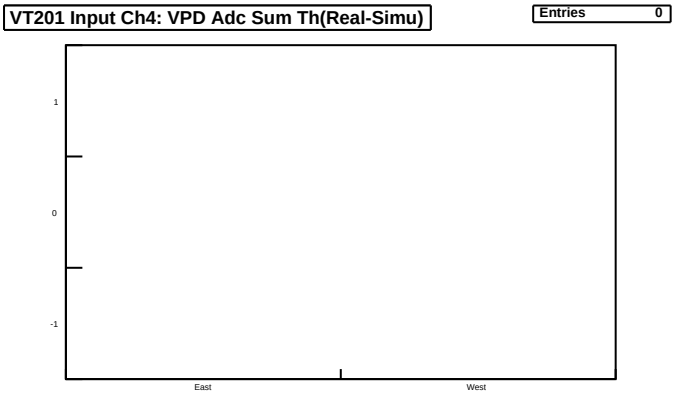

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2048392
8288
2105
15
11
8490
3499
47
36
247761
253944
256034
256038
247559
252550
256002
256013
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

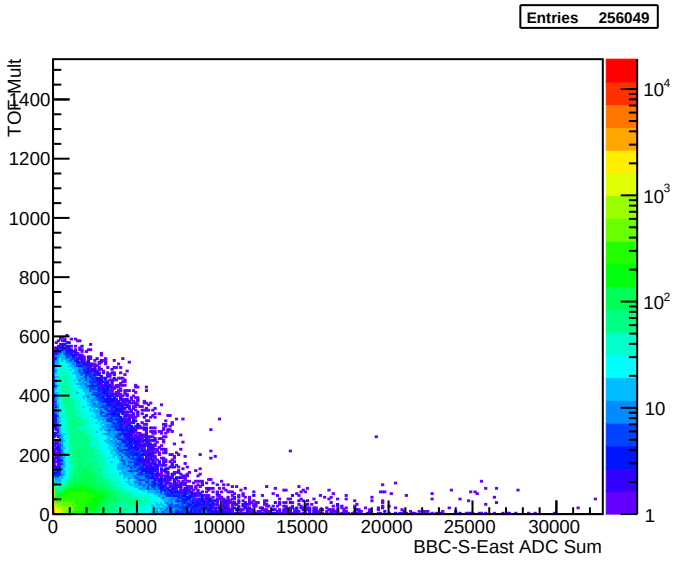

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

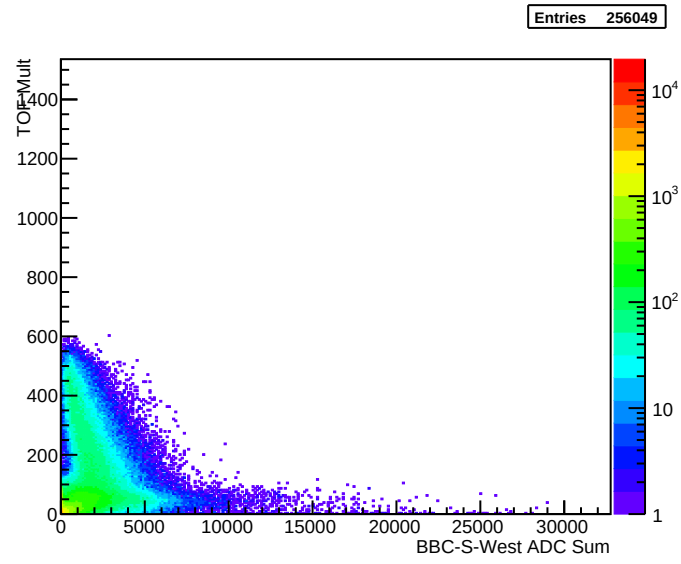

VT201 Input Ch4: VPD Tac Diff
Entries 256049
Tac

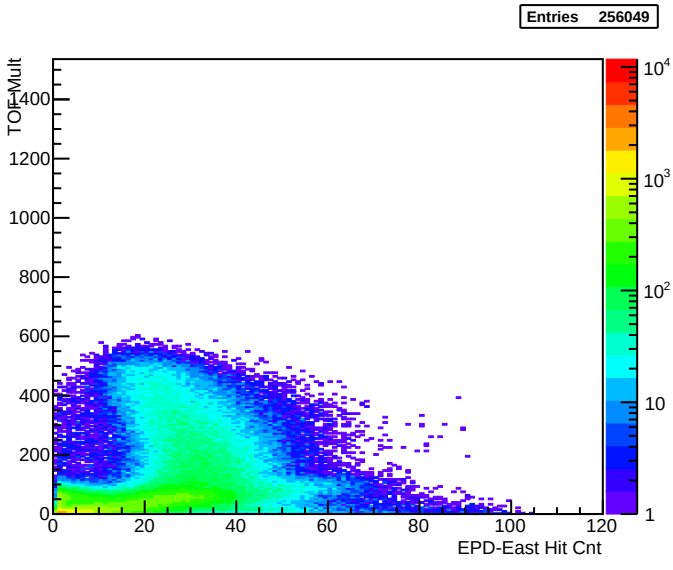

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

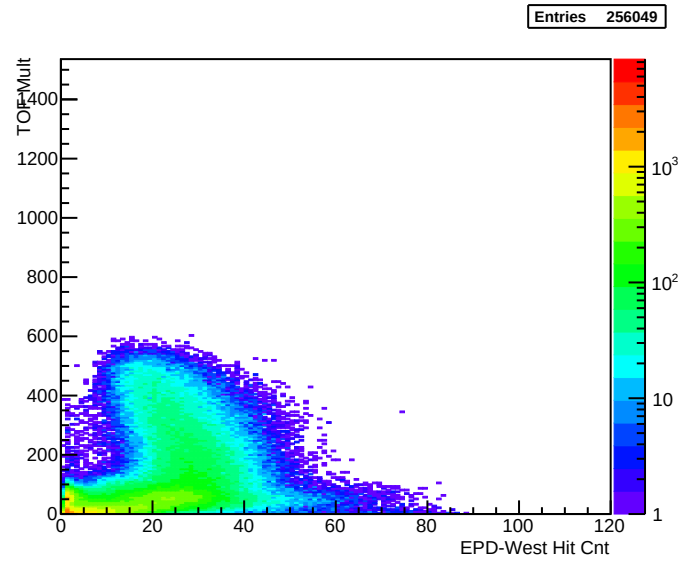

VT201 Input Ch4: VPD Adc Sum Th
Entries 512098
200182
194597
55867
61452
East
West

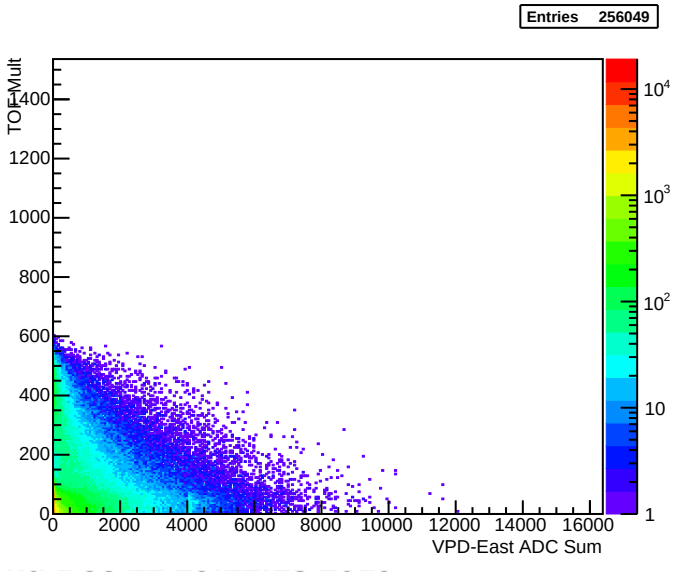

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

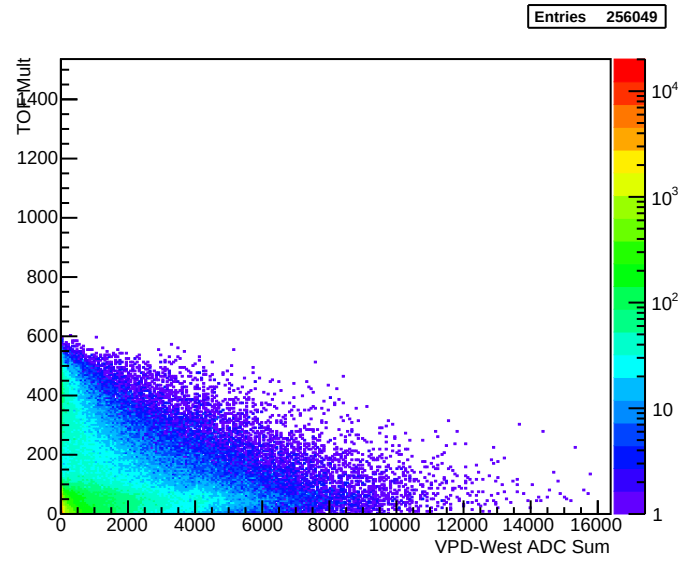

Entries 256049
TOF-Mult
BBC-S-East ADC Sum

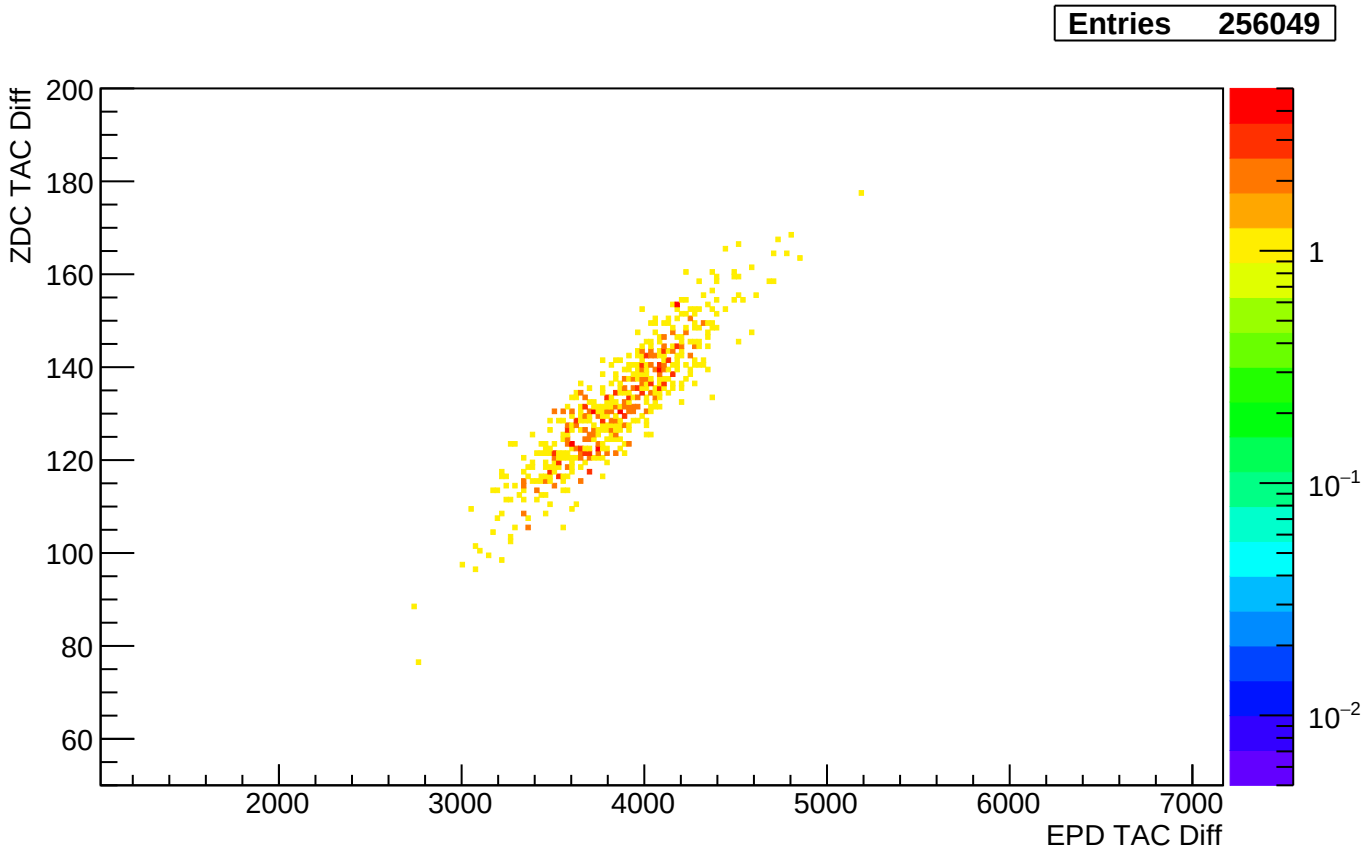

Entries 256049
TOF-Mult
BBC-S-West ADC Sum

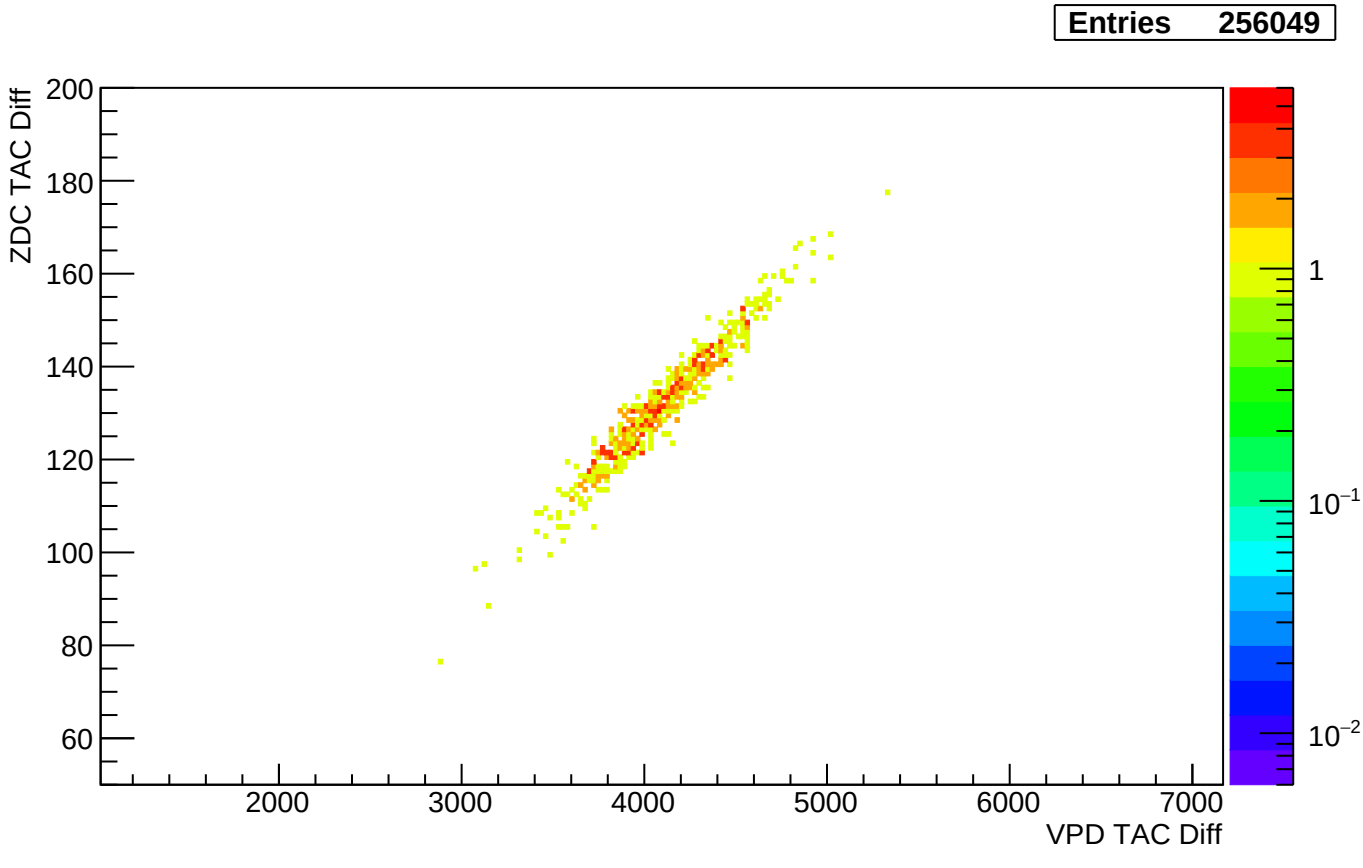

Entries 256049
TOF-Mult
EPD-East Hit Cnt

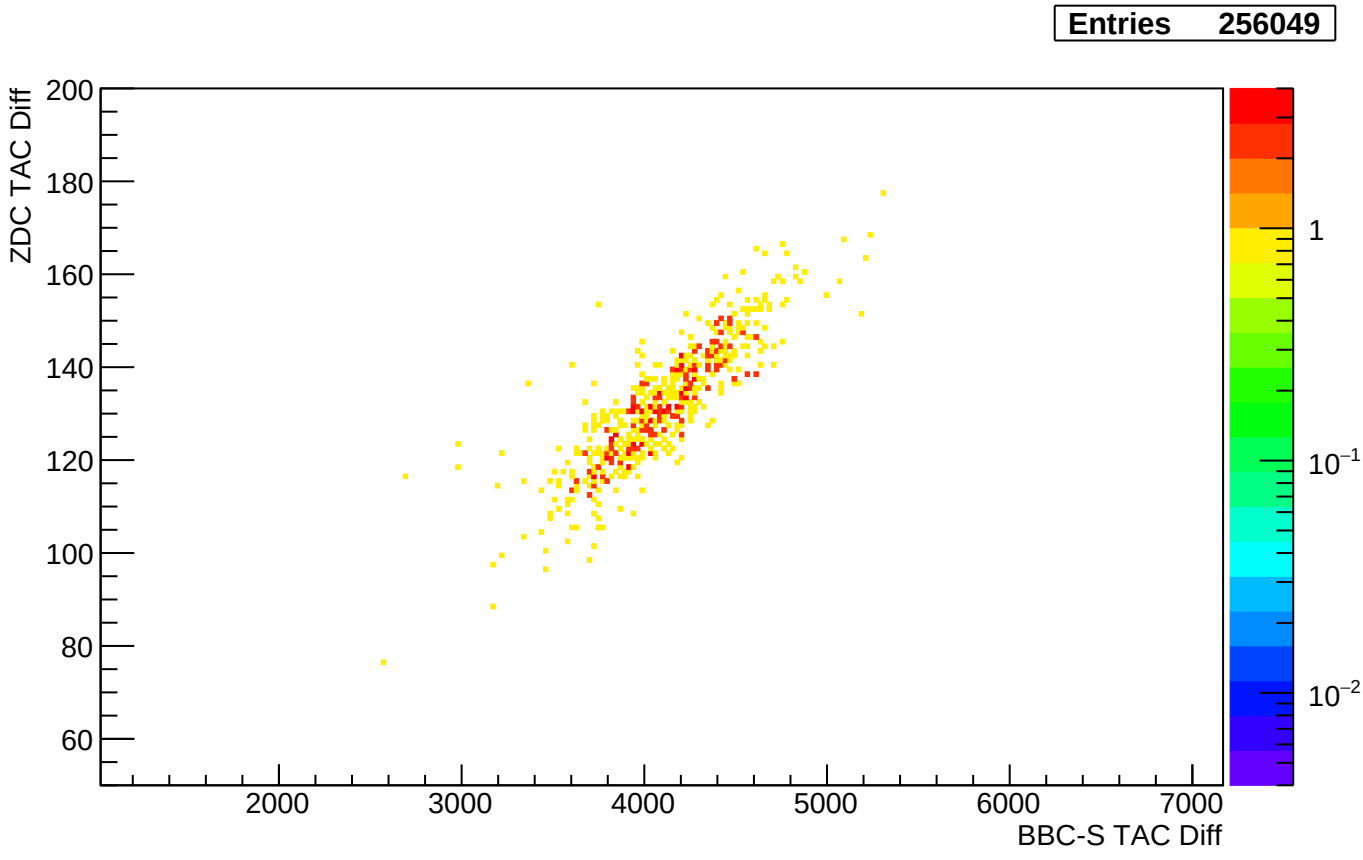

Entries 256049
TOF-Mult
EPD-West Hit Cnt

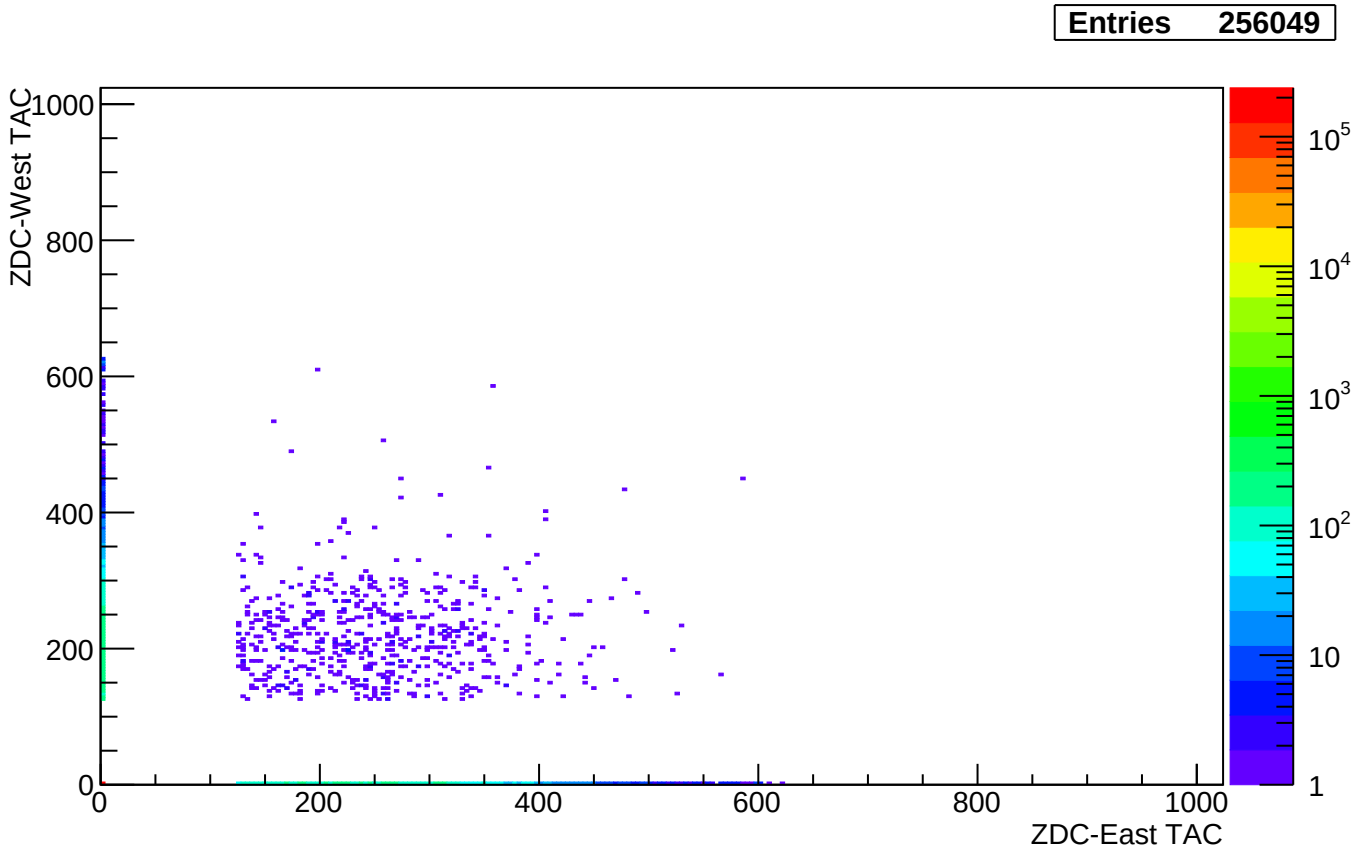

Entries 256049
TOF-Mult
VPD-East ADC Sum

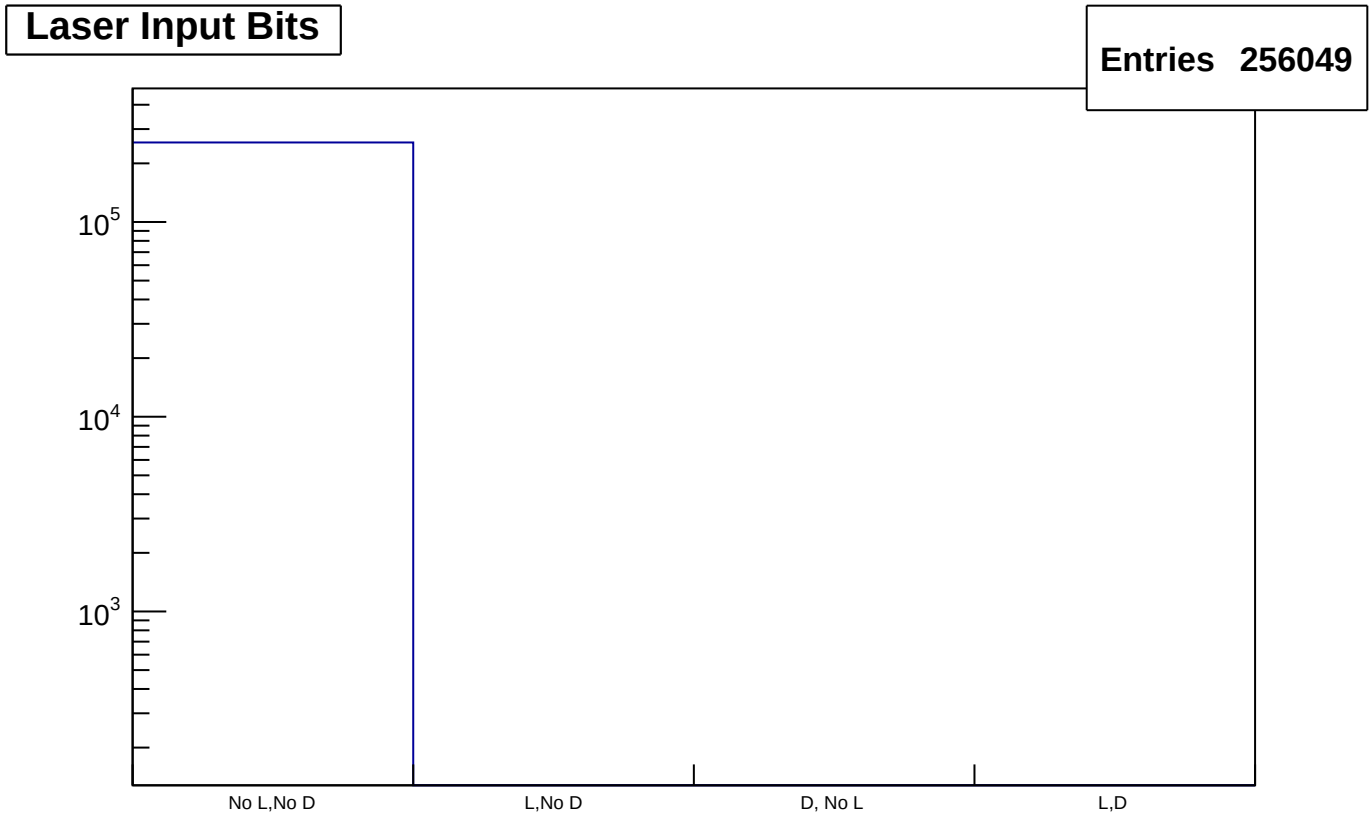

Entries 256049
TOF-Mult
VPD-West ADC Sum

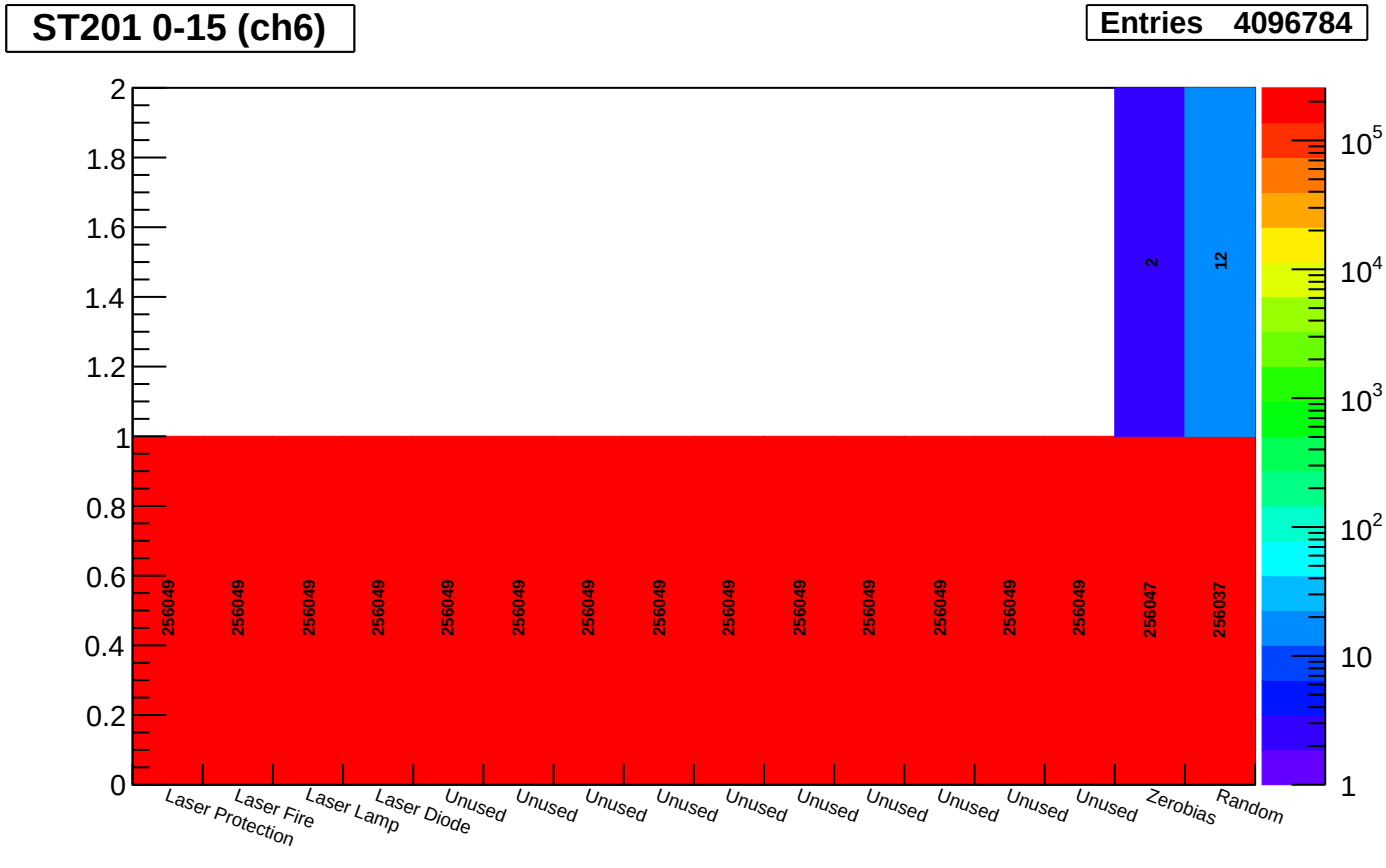

Entries 256049
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

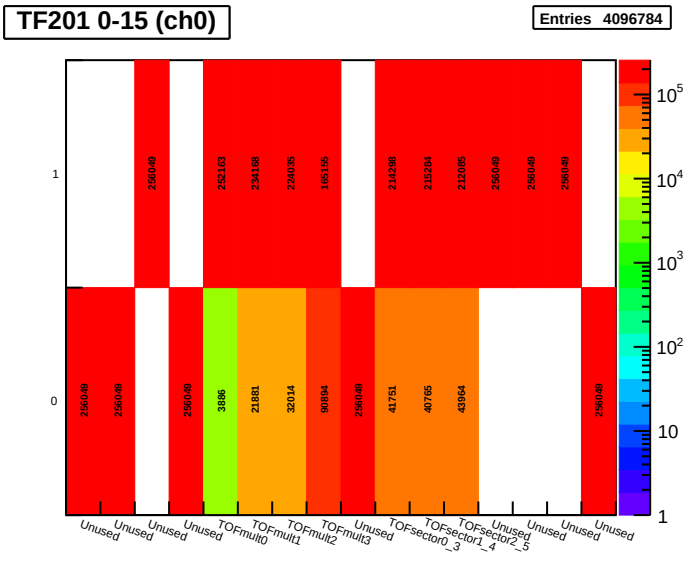

Entries 256049
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

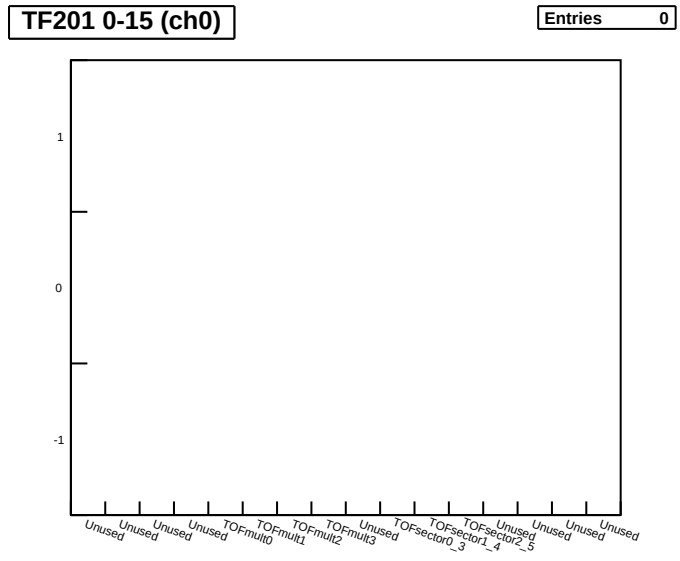

Entries 256049
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

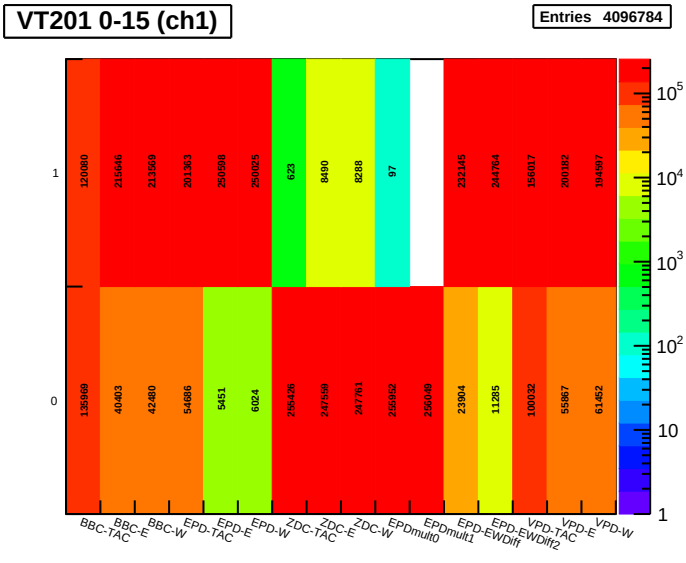

Entries 256049
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

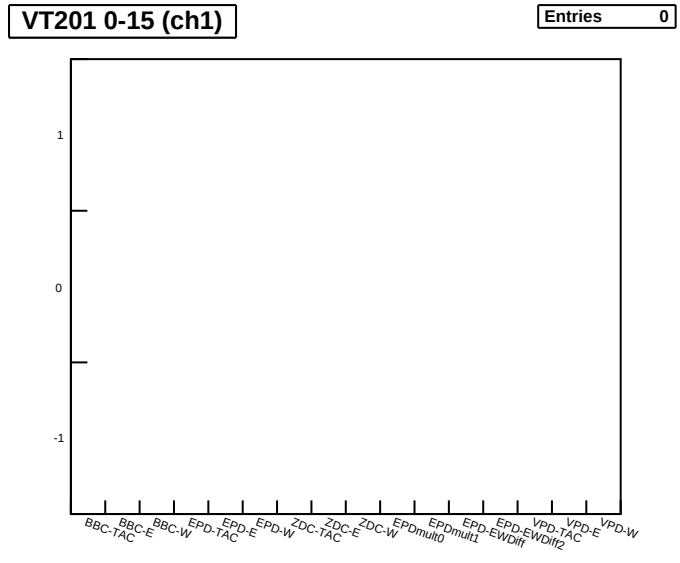

Laser Input Bits
Entries 256049
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

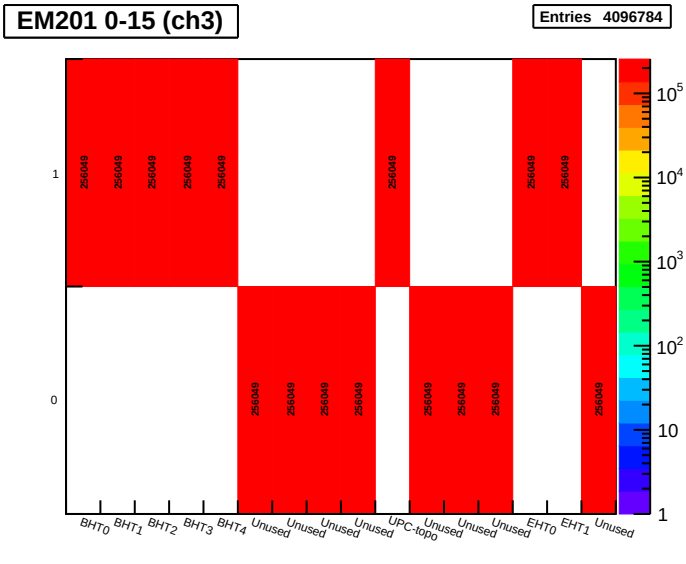

ST201 0-15 (ch6)
Entries 4096784
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
256049
256049
256049
256049
256049
256049
256049
256049
256049
256049
256049
256049
256049
256049
256047
256037
2
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

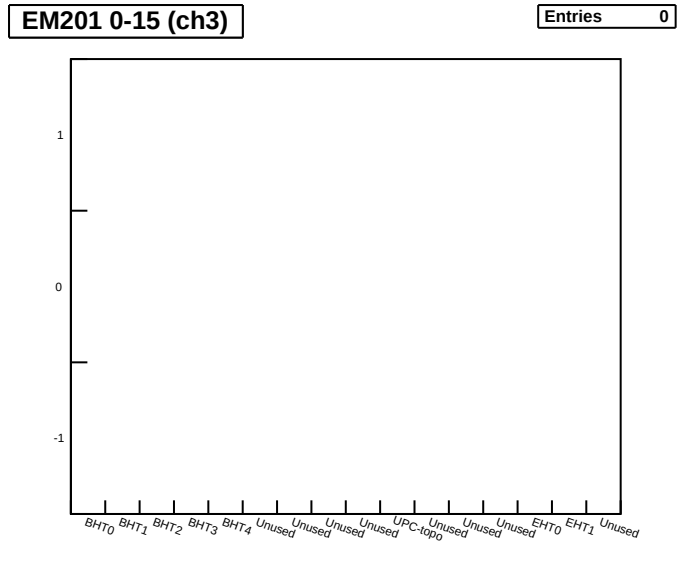

TF201 0-15 (ch0)
Entries 4096784
1
0
256049 256049 256049 3986 21881 32014 90894 256049 41751 40765 43964 256049
256049 232163 234168 224035 165155 214298 215284 212065 256049 256049 256049
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 4096784
1
0
120060 215646 213569 201353 250938 250025 623 8490 8288 97 232145 244764 155017 200182 194397
135969 40403 42480 54686 5451 6024 255426 247559 247761 255952 256049 23904 11285 100032 55867 61452
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 4096784
1
0
256049 256049 256049 256049 256049 256049 256049 256049 256049
256049 256049 256049 256049 256049 256049 256049 256049
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