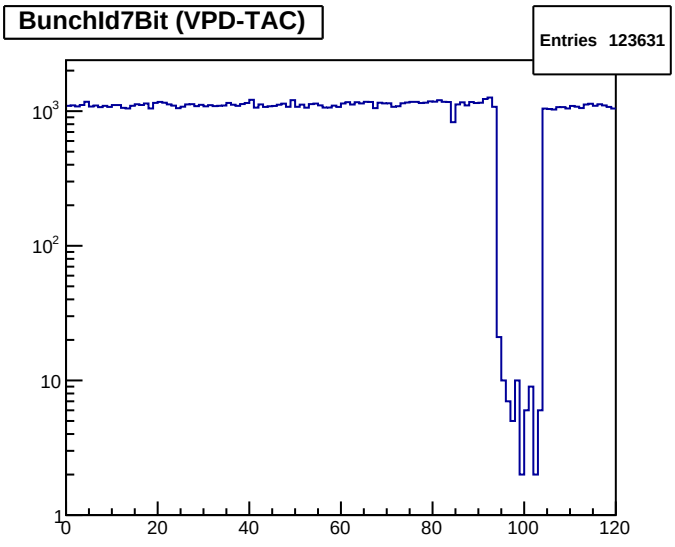
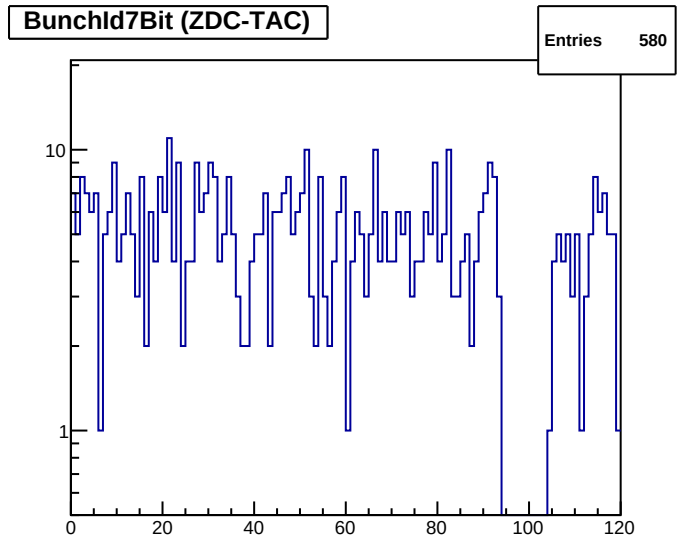
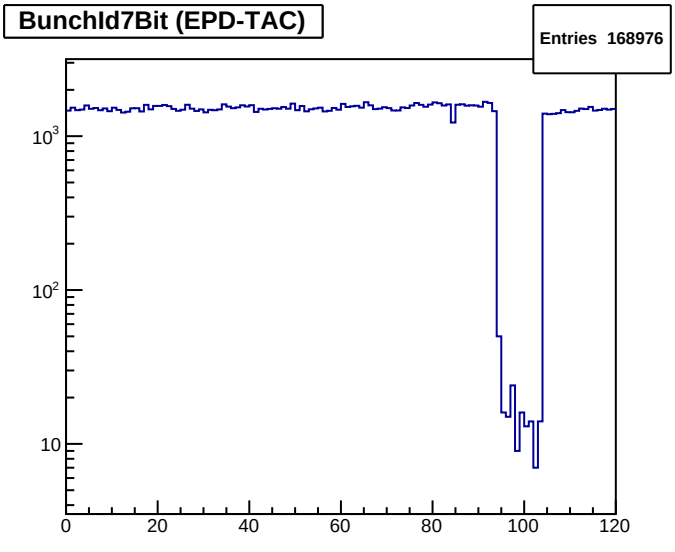
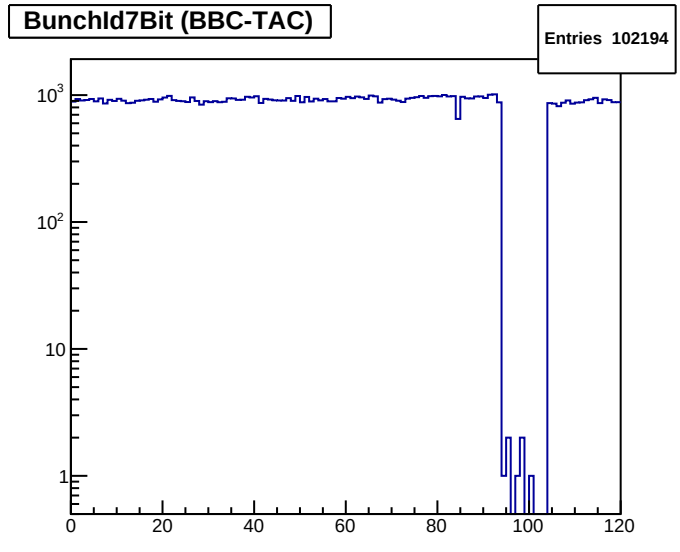
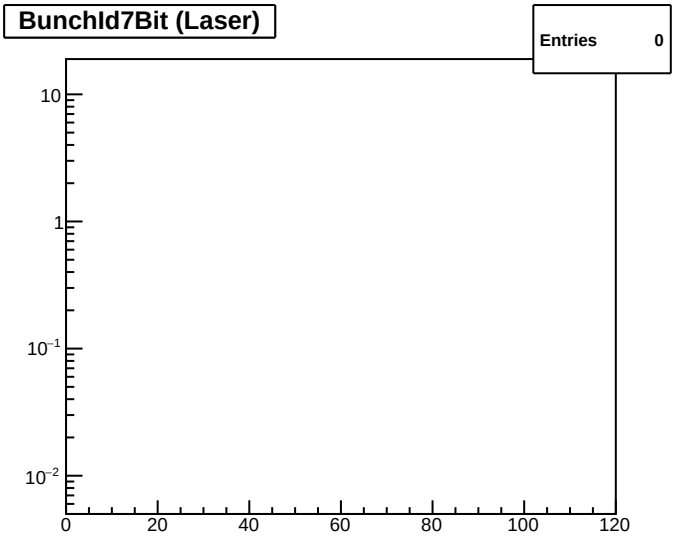
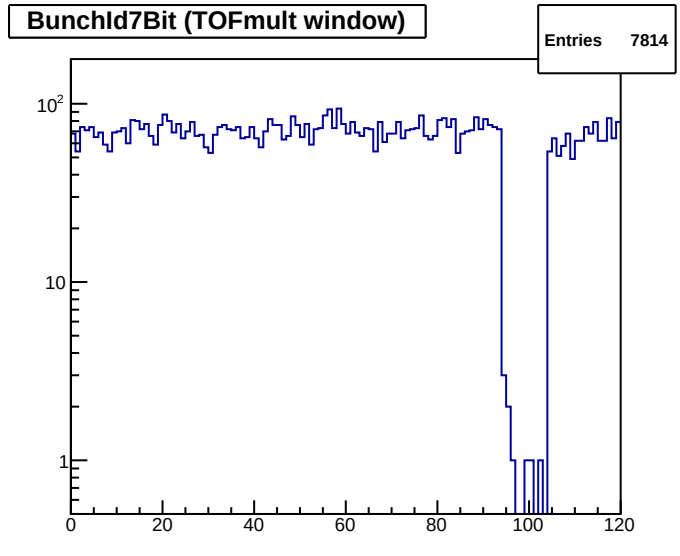

BunchId7Bit (VPD-TAC)
Entries 123631

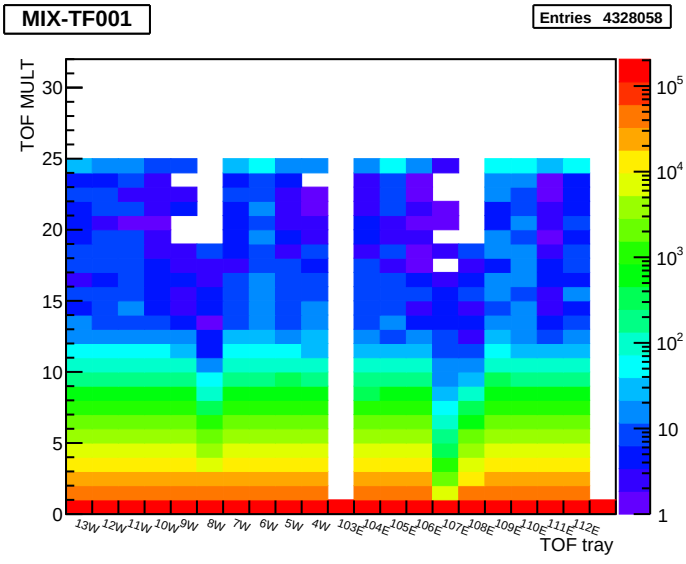

BunchId7Bit (ZDC-TAC)
Entries 580

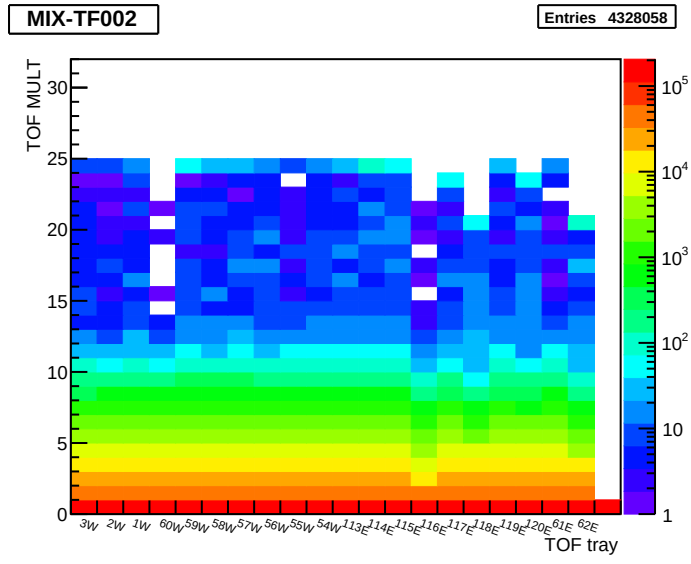

BunchId7Bit (EPD-TAC)
Entries 168976

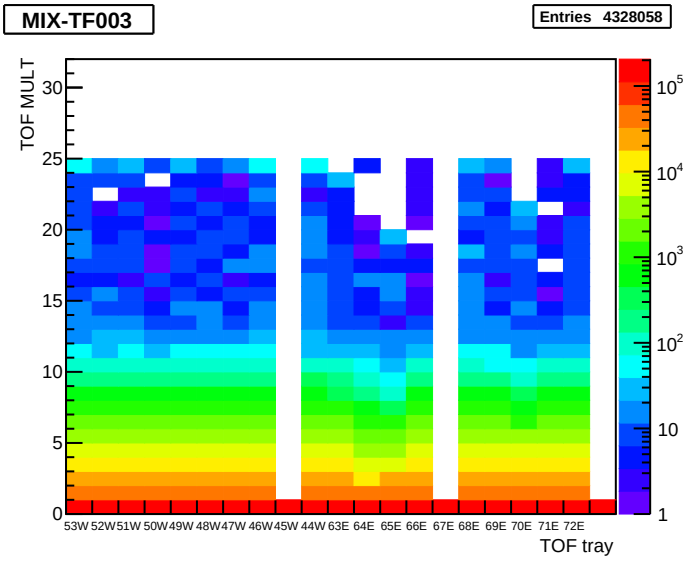

BunchId7Bit (BBC-TAC)
Entries 102194

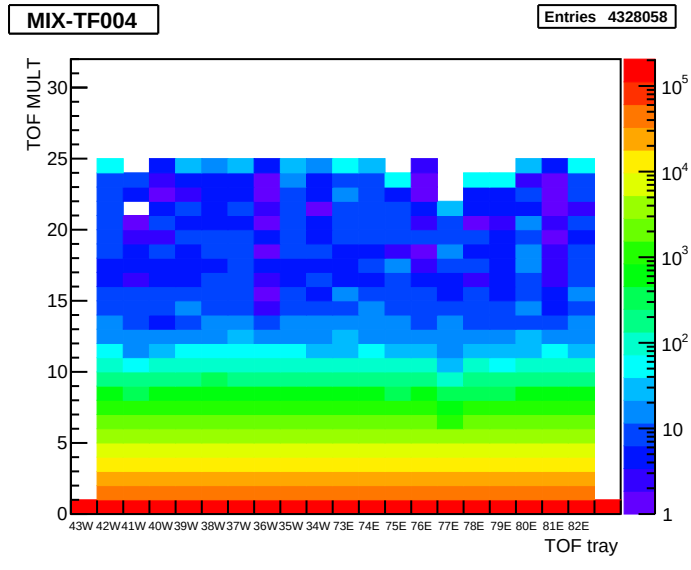

BunchId7Bit (Laser)
Entries 0

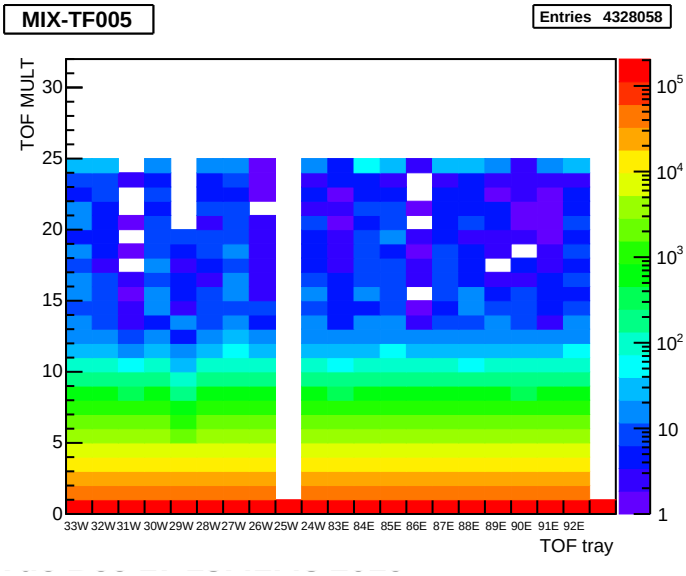

BunchId7Bit (TOFmult window)
Entries 7814

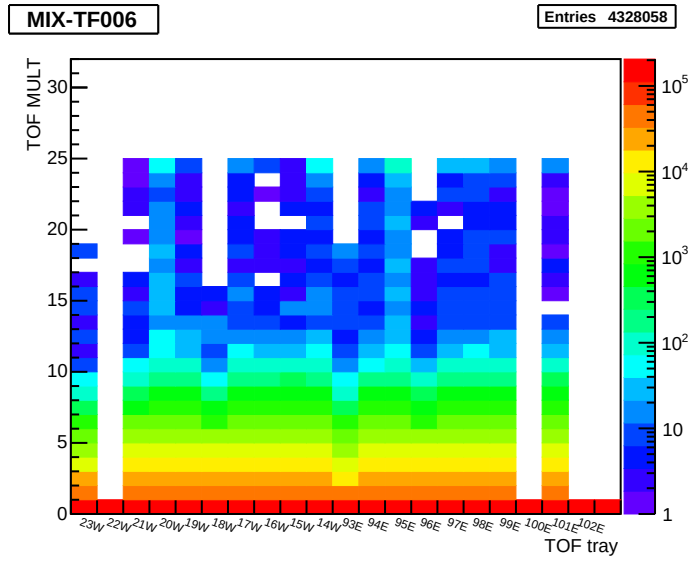

MIX-TF001
Entries 4328058
TOF MULT
TOF tray

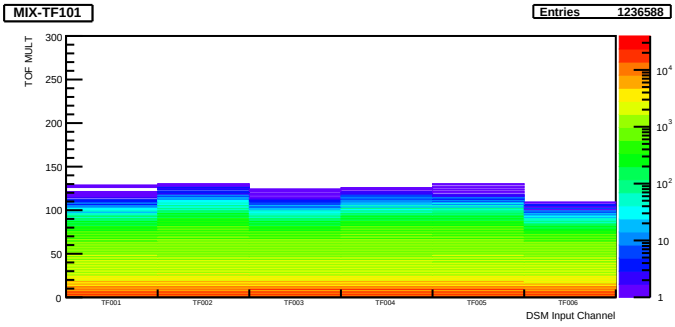

MIX-TF002
Entries 4328058
TOF MULT
TOF tray

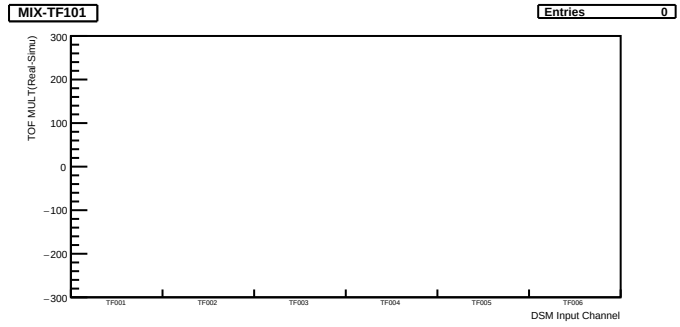

MIX-TF003
Entries 4328058
TOF MULT
TOF tray

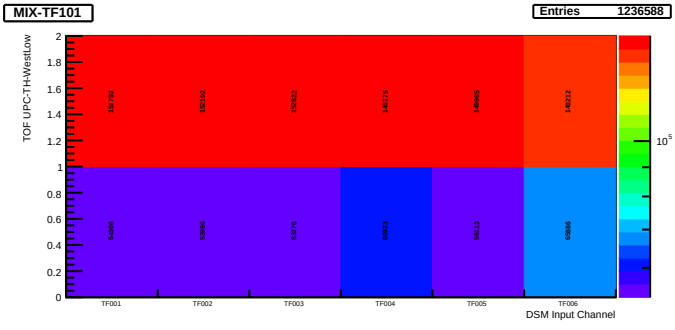

MIX-TF004
Entries 4328058
TOF MULT
TOF tray

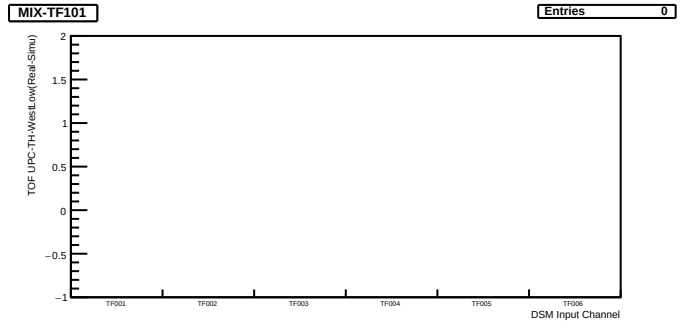

MIX-TF005
Entries 4328058
TOF MULT
TOF tray

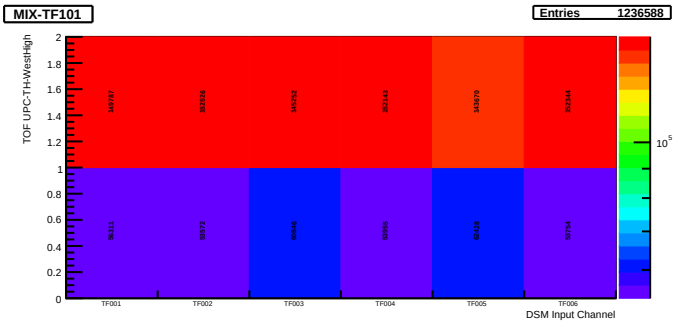

MIX-TF006
Entries 4328058
TOF MULT
TOF tray

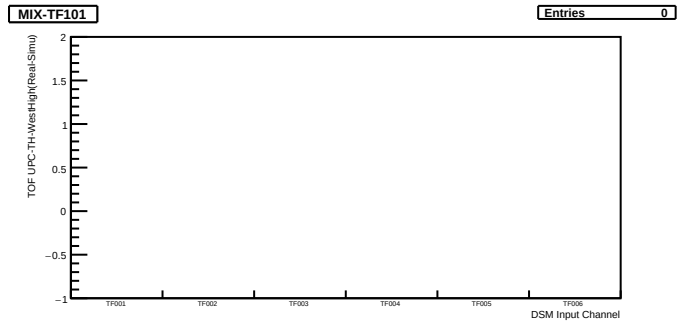

MIX-TF101
Entries 1236588
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

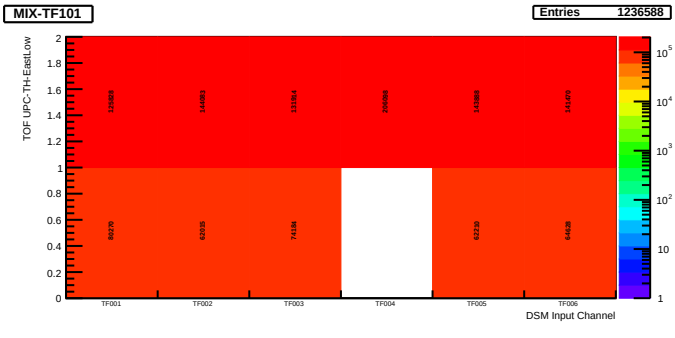

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

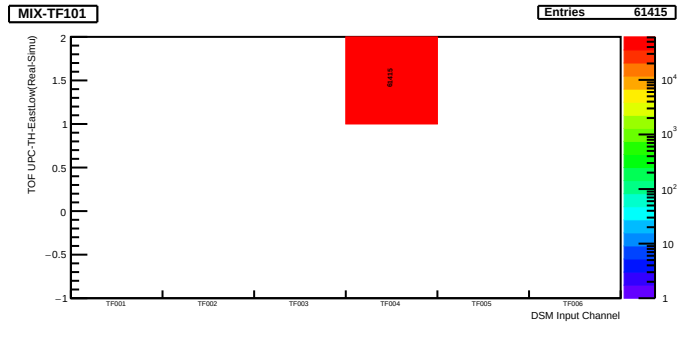

MIX-TF101
Entries 1236588
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

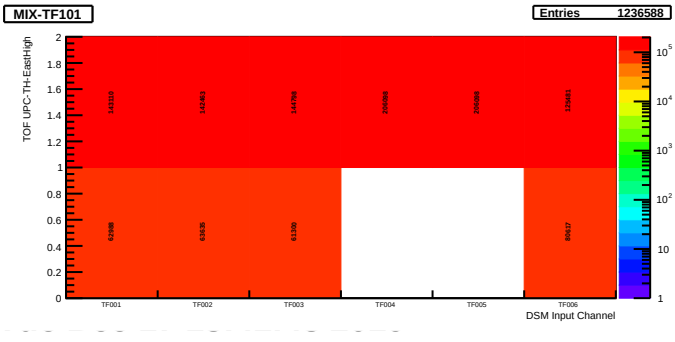

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

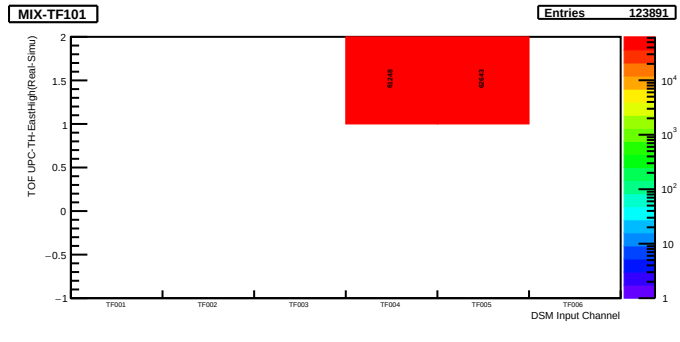

MIX-TF101
Entries 1236588
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

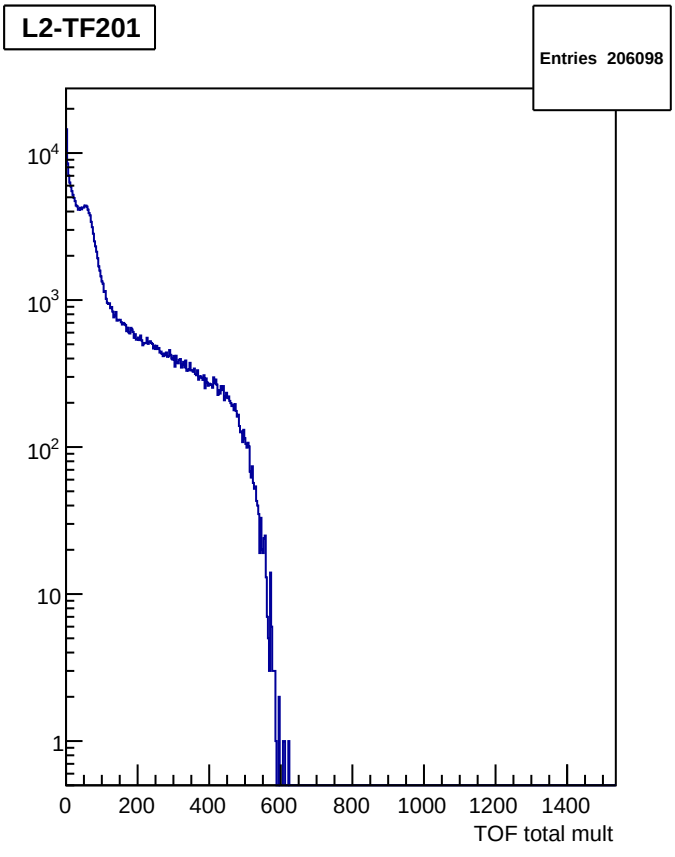

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

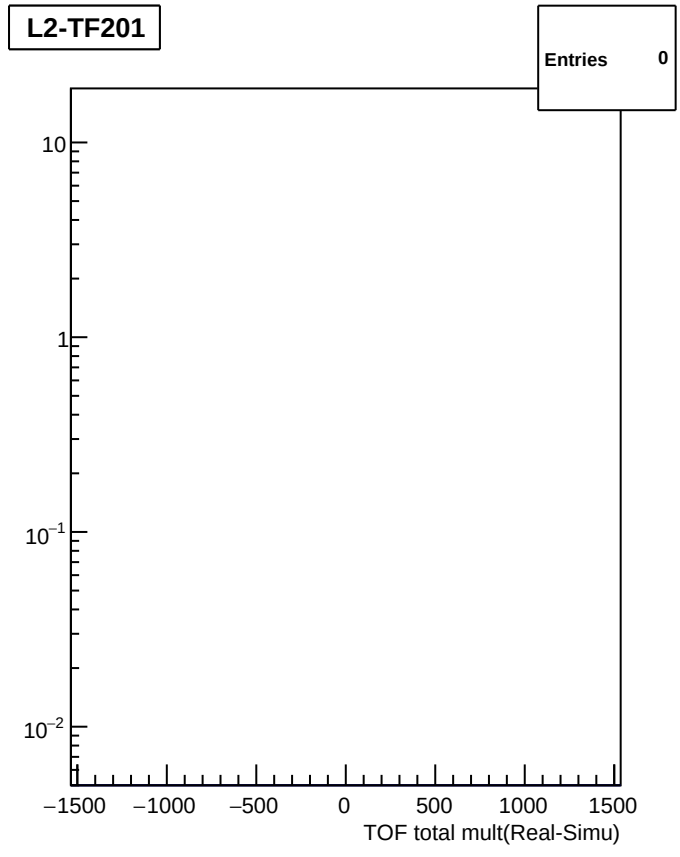

MIX-TF101
Entries 1236588
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

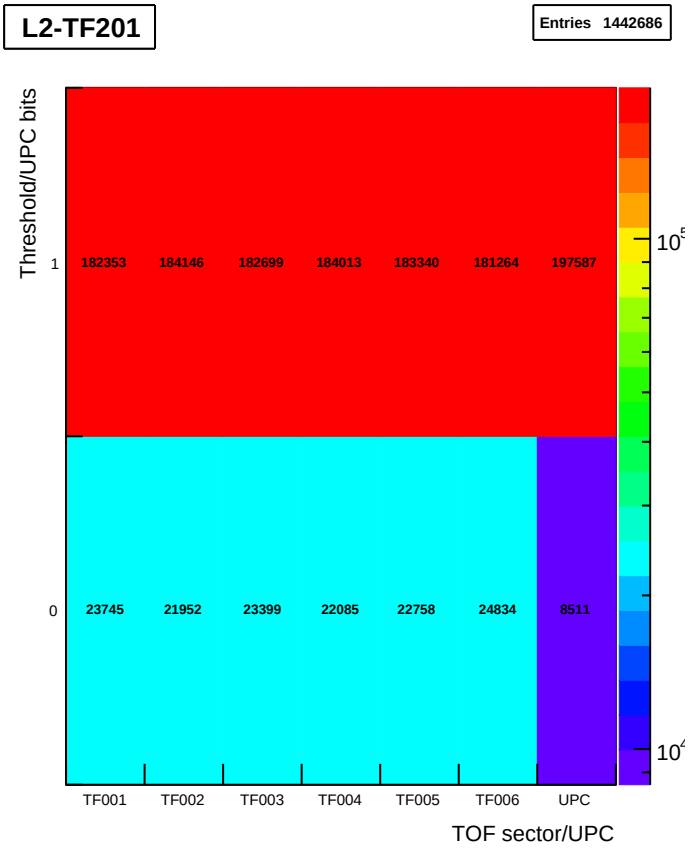

MIX-TF101
Entries 61415
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

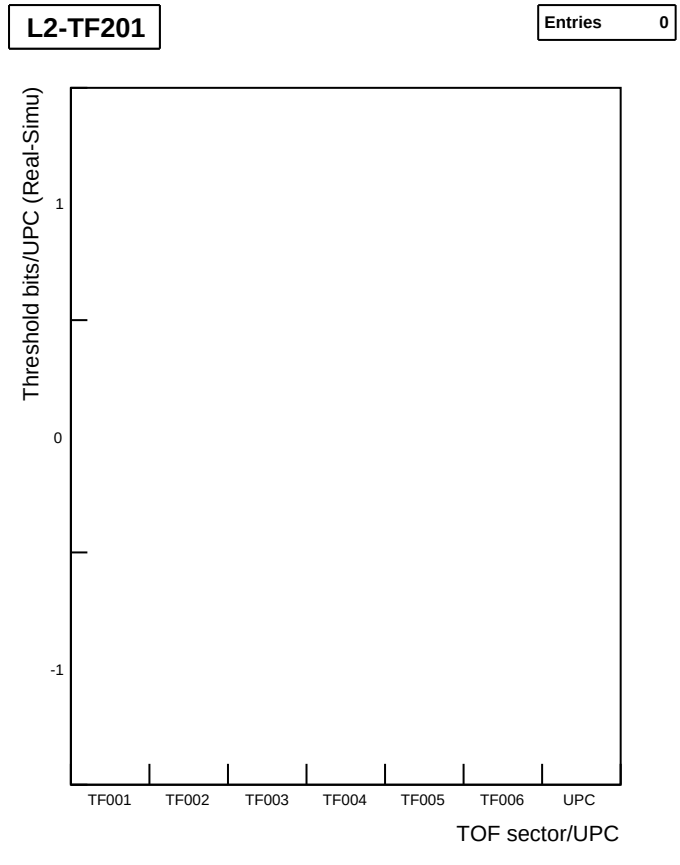

MIX-TF101
Entries 1236588
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

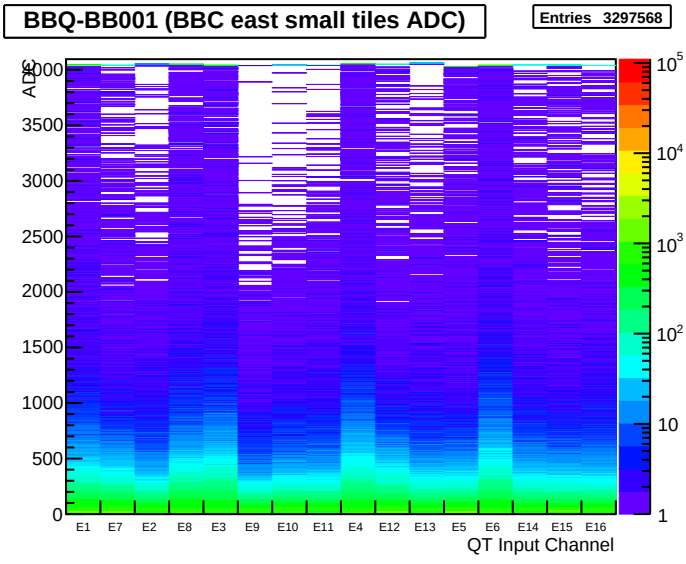

MIX-TF101
Entries 123891
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

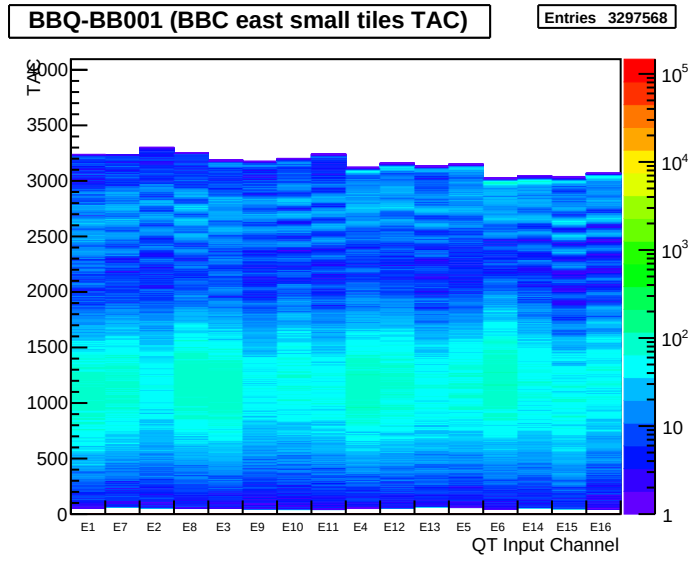

L2-TF201
Entries 206098
TOF total mult

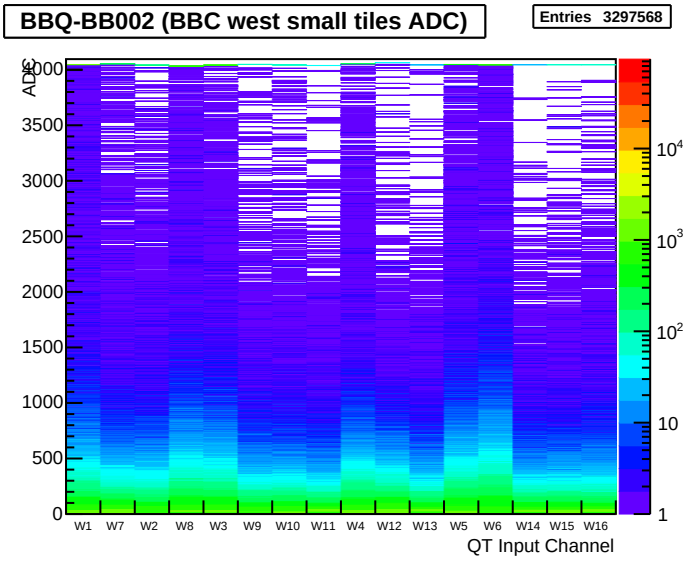

L2-TF201
Entries 0
TOF total mult(Real-Simu)

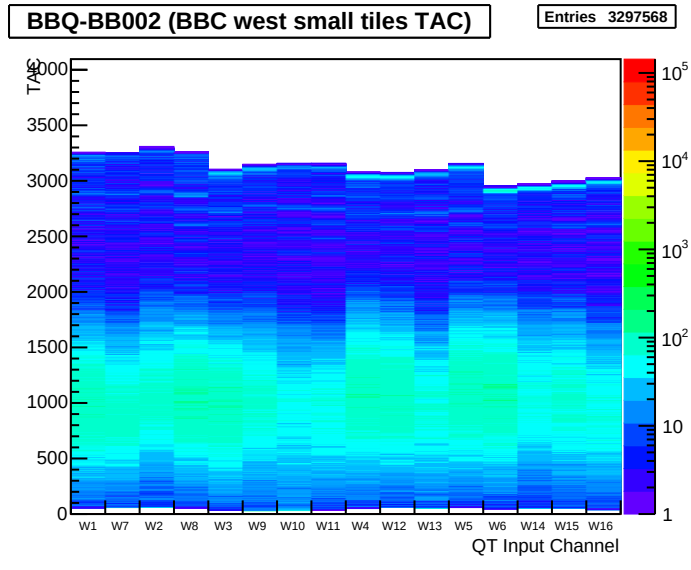

L2-TF201
Entries 1442686
Threshold/UPC bits
182353
184146
182699
184013
183340
181264
197587
23745
21952
23399
22085
22758
24834
8511
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

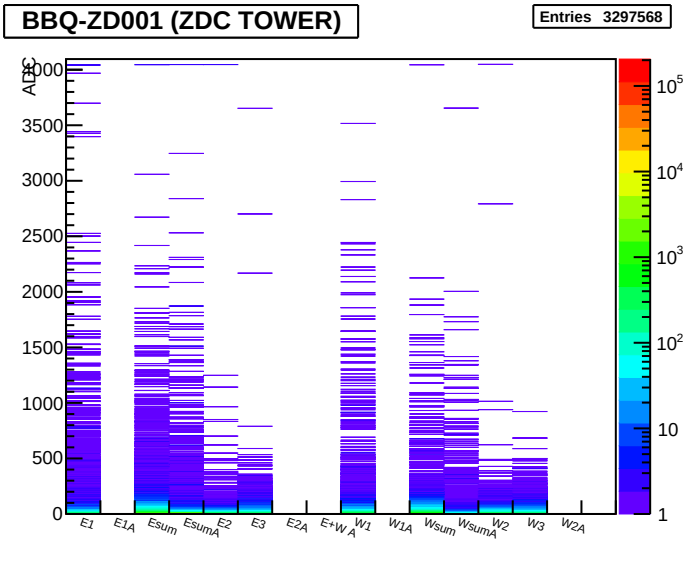

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

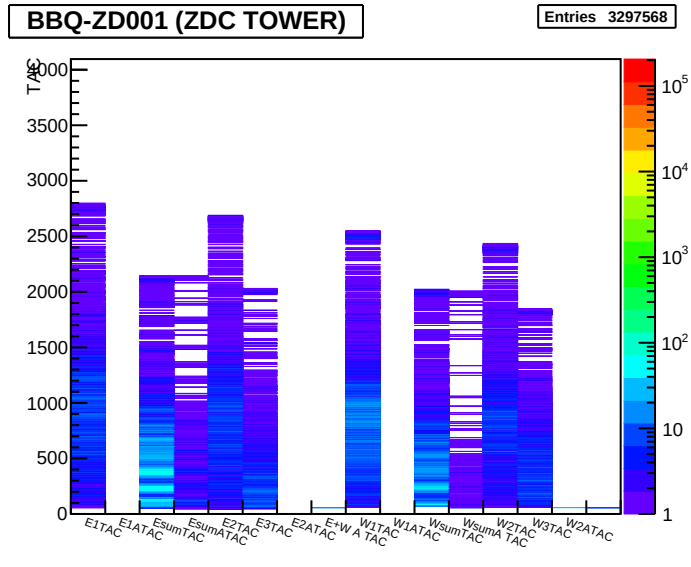

BBQ-BB001 (BBC east small tiles ADC)
Entries 3297568
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

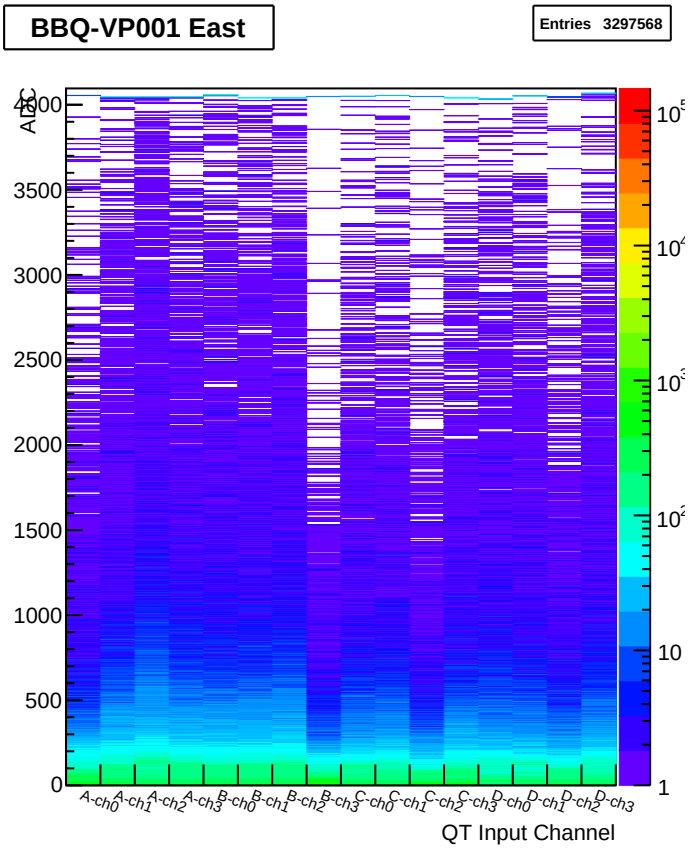

BBQ-BB001 (BBC east small tiles TAC)
Entries 3297568
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

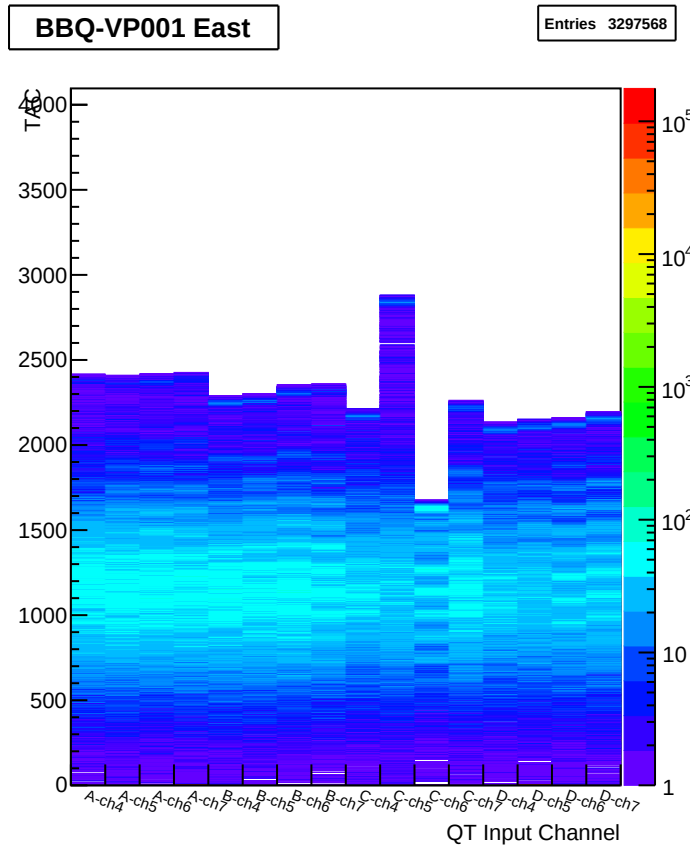

BBQ-BB002 (BBC west small tiles ADC)
Entries 3297568
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

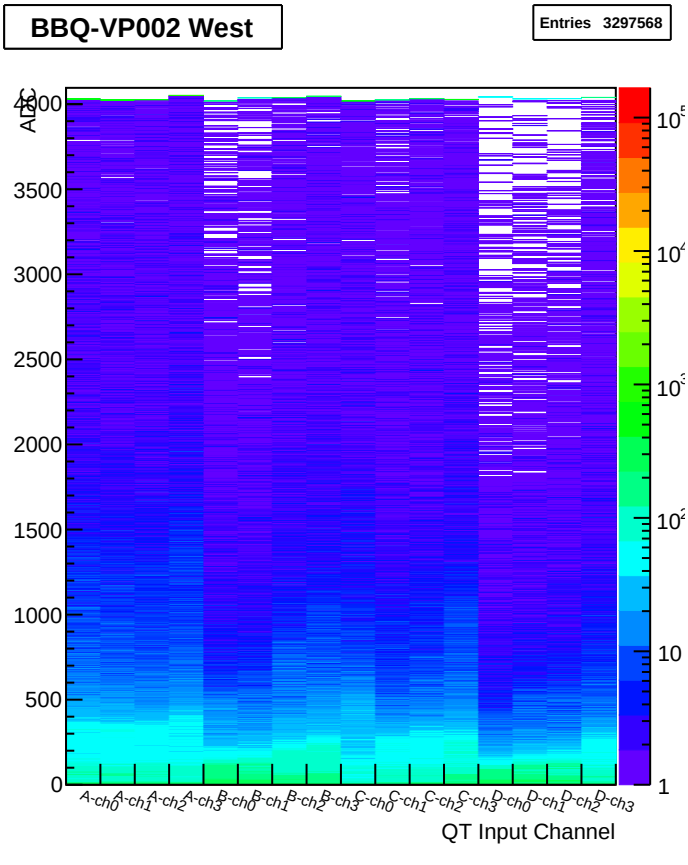

BBQ-BB002 (BBC west small tiles TAC)
Entries 3297568
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

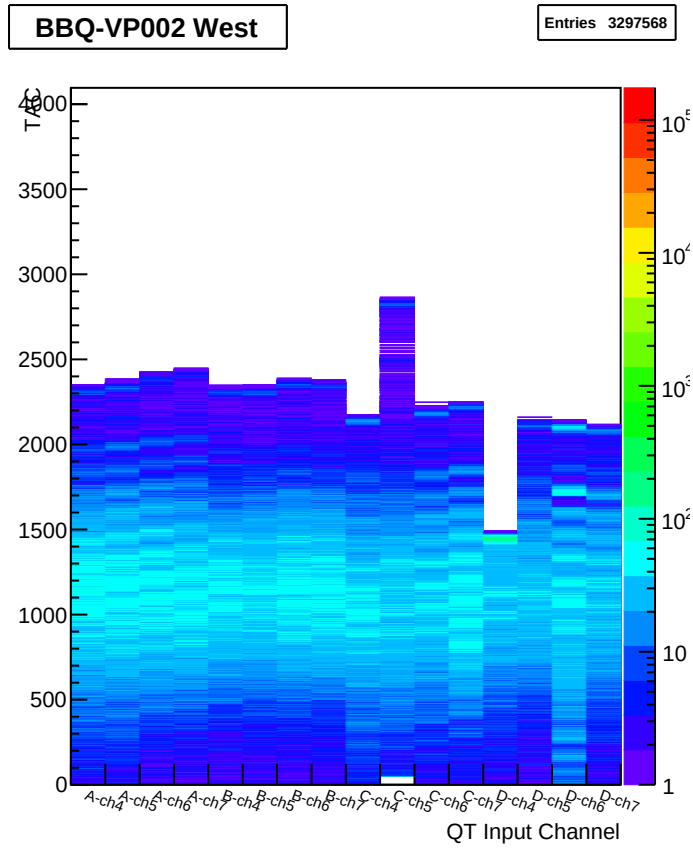

BBQ-ZD001 (ZDC TOWER)
Entries 3297568
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

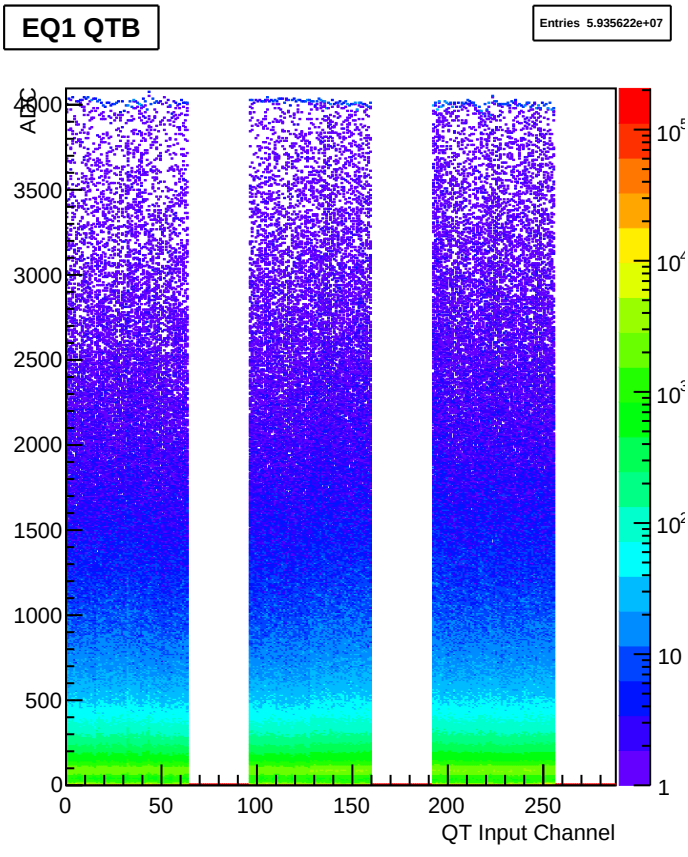

BBQ-ZD001 (ZDC TOWER)
Entries 3297568
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

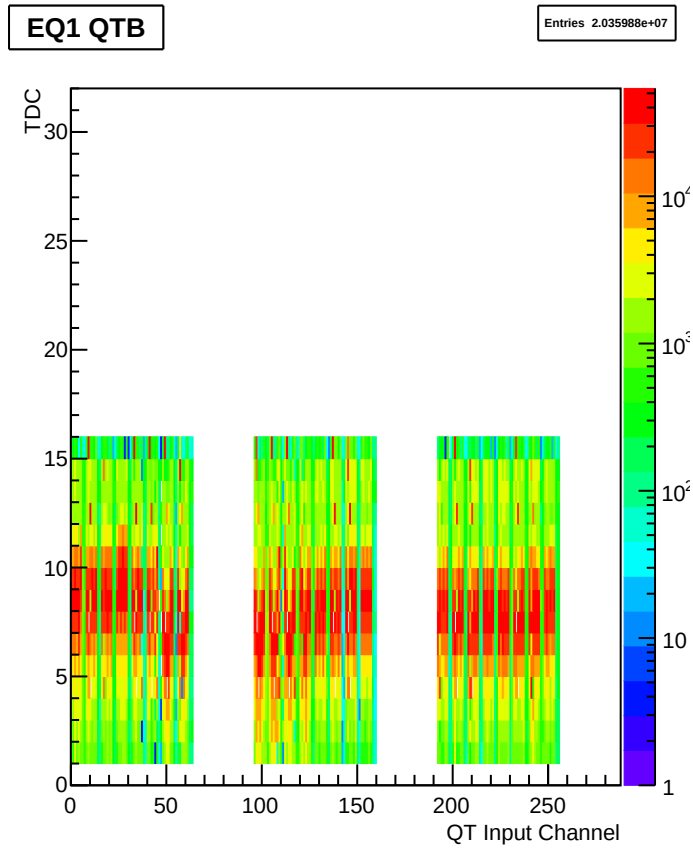

BBQ-VP001 East
Entries 3297568
ADC
QT Input Channel

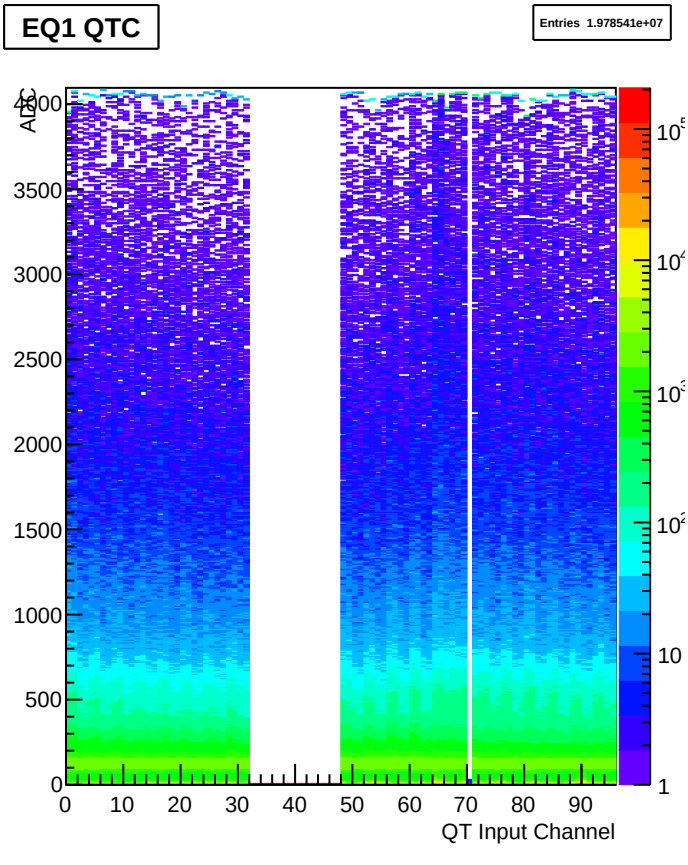

BBQ-VP001 East
Entries 3297568
TADC
QT Input Channel

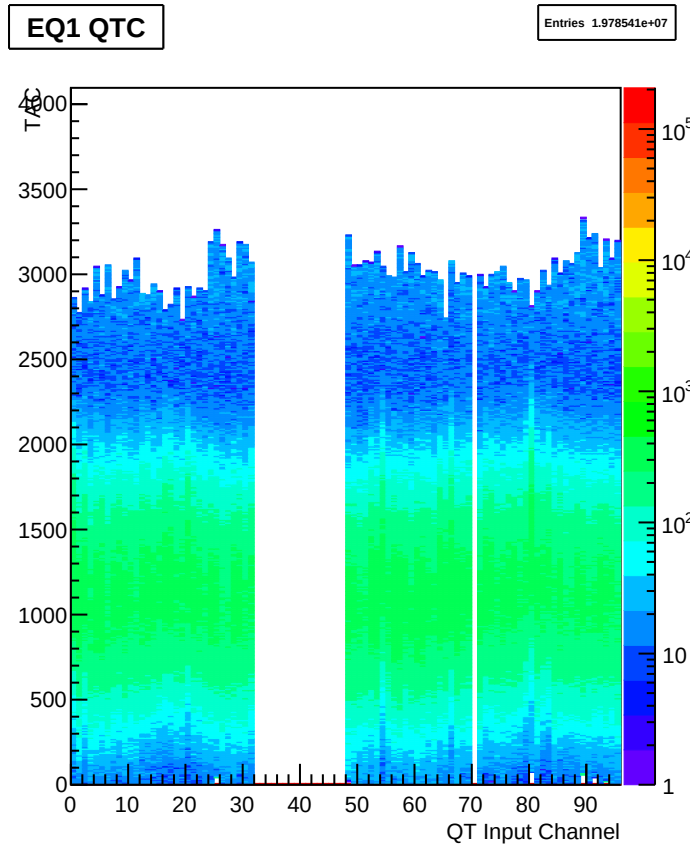

BBQ-VP002 West
Entries 3297568
ADC
QT Input Channel

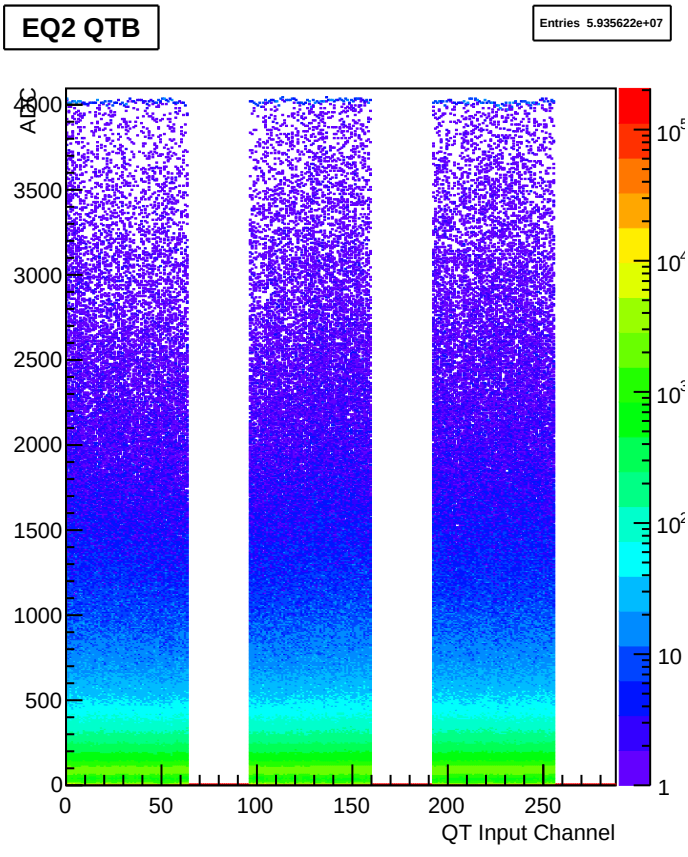

BBQ-VP002 West
Entries 3297568
TADC
QT Input Channel

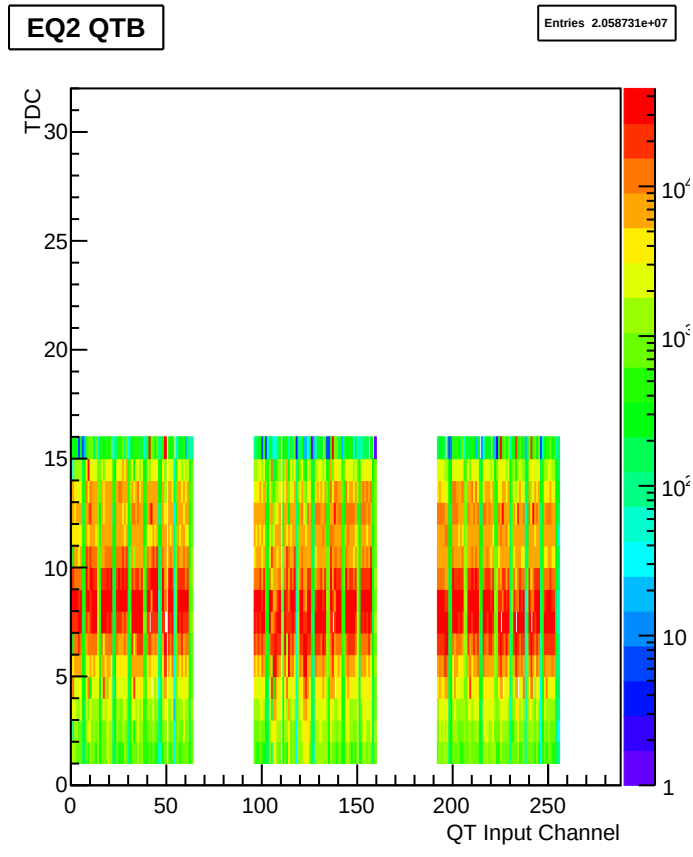

EQ1 QTB
Entries 5.935622e+07
ADC
QT Input Channel

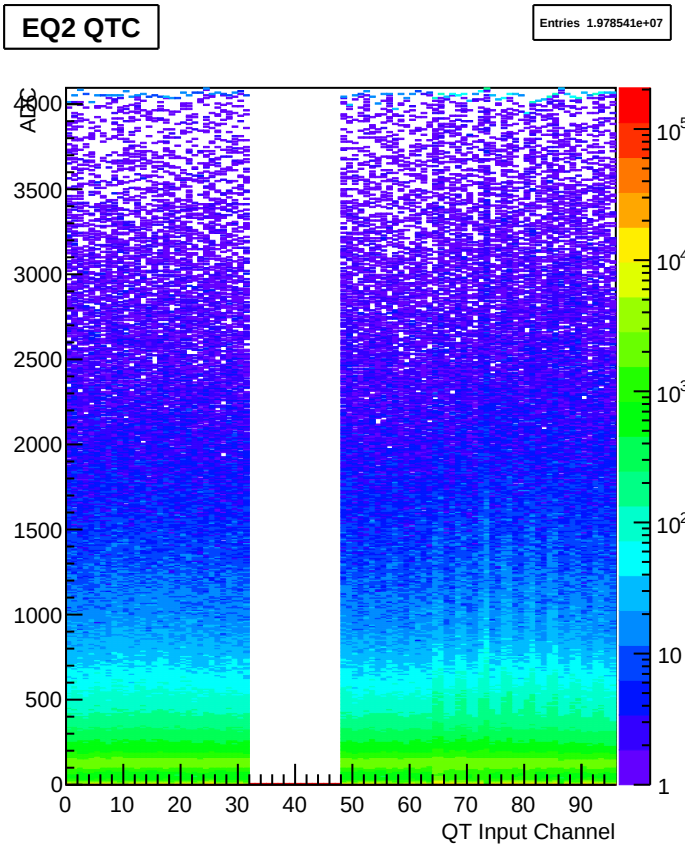

EQ1 QTB
Entries 2.035988e+07
TDC
QT Input Channel

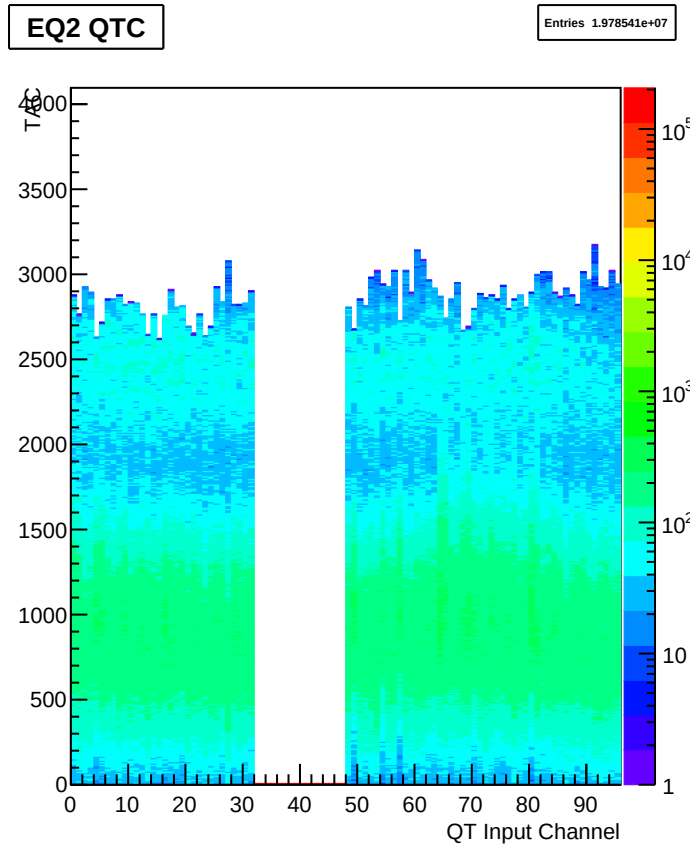

EQ1 QTC
Entries 1.978541e+07
ADC
QT Input Channel

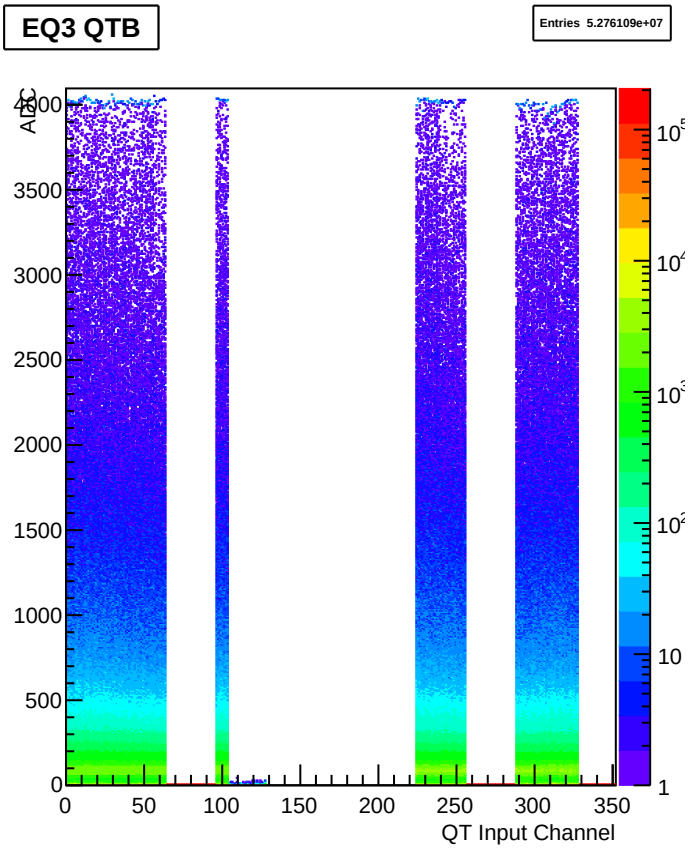

EQ1 QTC
Entries 1.978541e+07
TADC
QT Input Channel

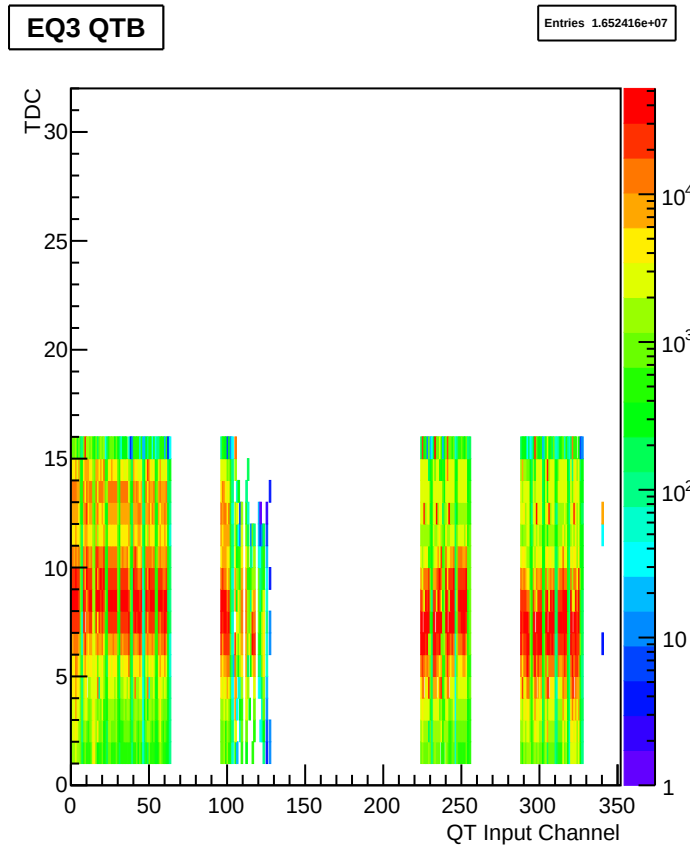

EQ2 QTB
Entries 5.935622e+07
ADC
QT Input Channel

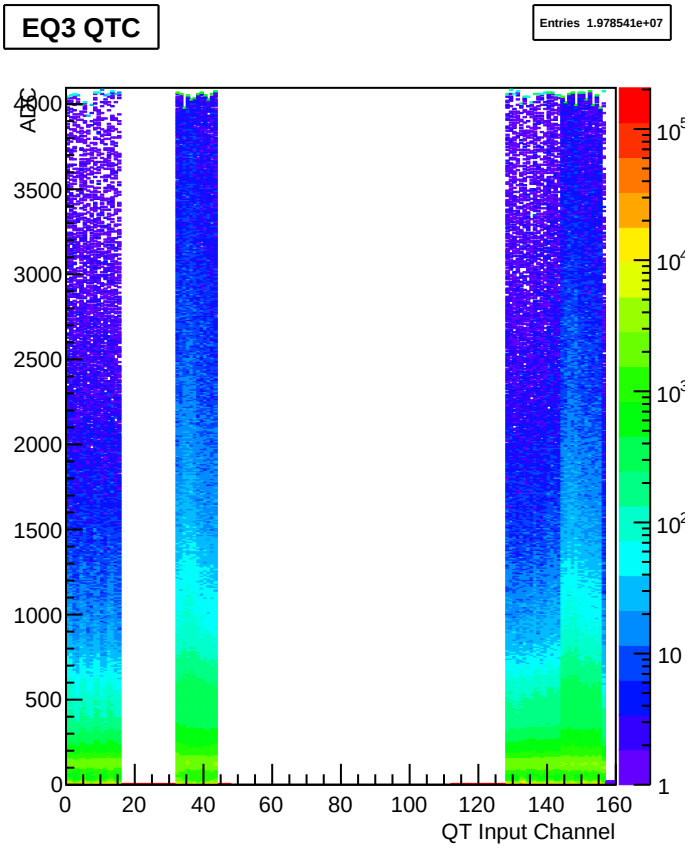

EQ2 QTB
Entries 2.058731e+07
TDC
QT Input Channel

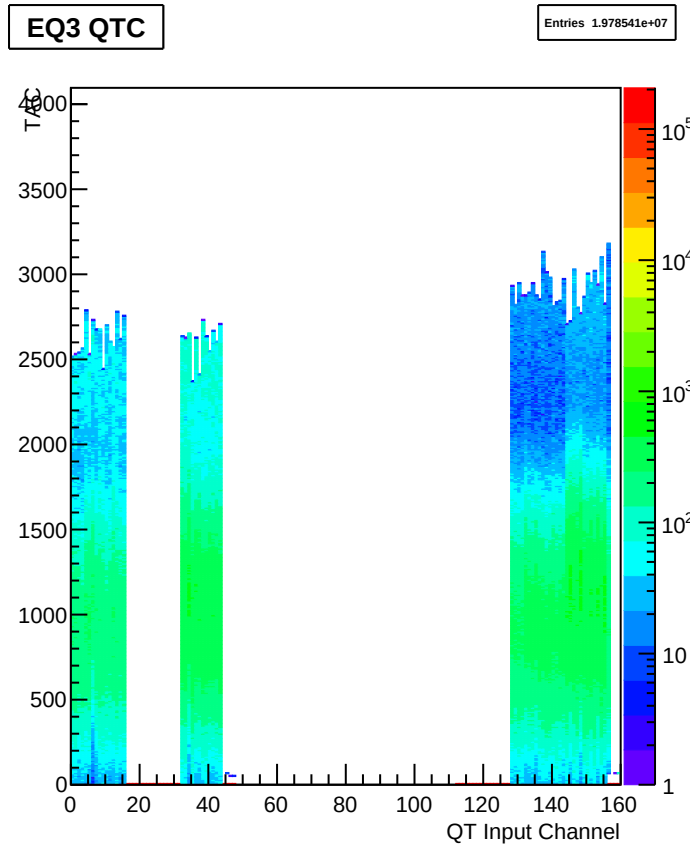

EQ2 QTC
Entries 1.978541e+07
ADC
QT Input Channel

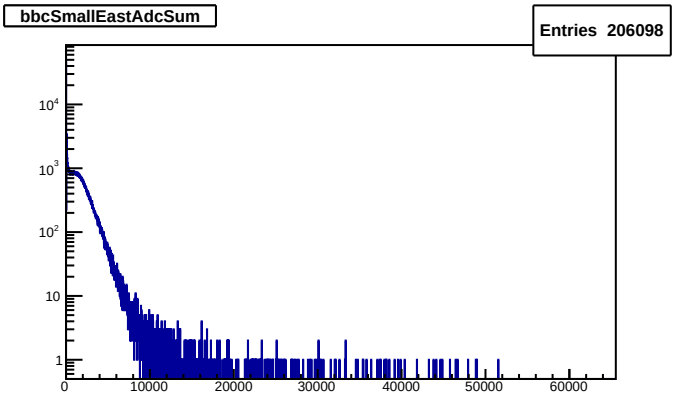

EQ2 QTC
Entries 1.978541e+07
TADC
QT Input Channel

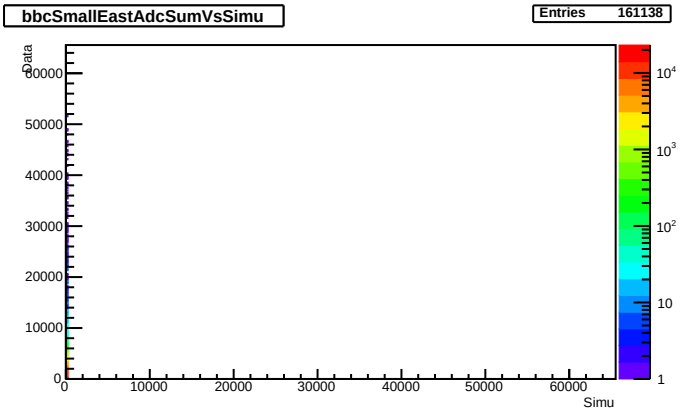

EQ3 QTB
Entries 5.276109e+07
ADC
QT Input Channel

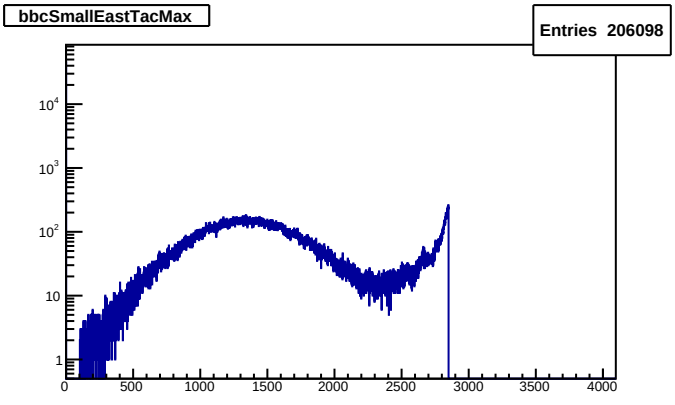

EQ3 QTB
Entries 1.652416e+07
TDC
QT Input Channel

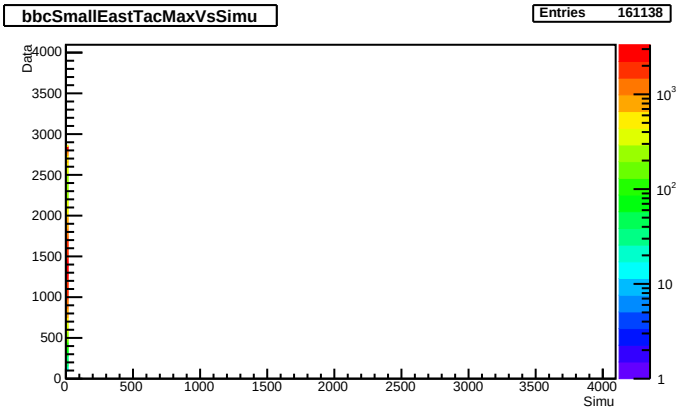

EQ3 QTC
Entries 1.978541e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.978541e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 206098


bbcSmallEastAdcSumVsSimu
Entries 161138
Data
Simu


bbcSmallEastTacMax
Entries 206098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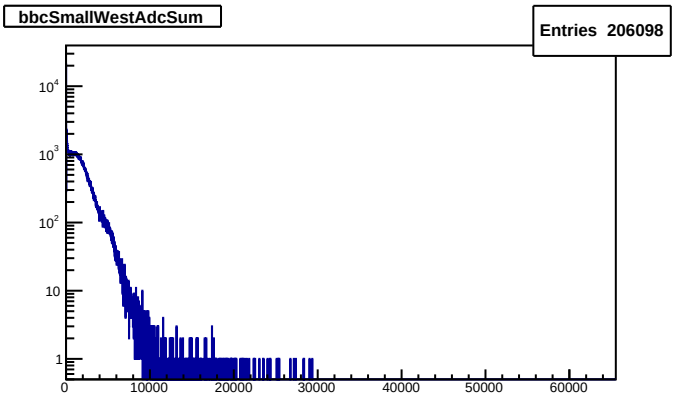
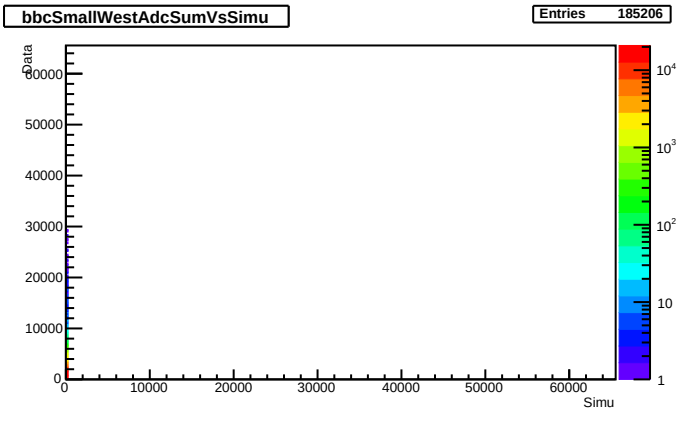
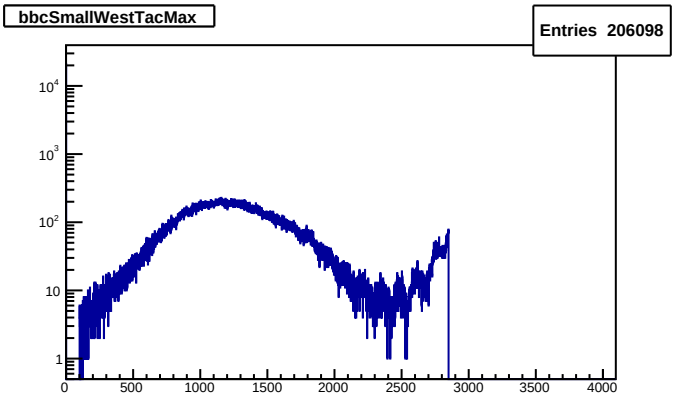
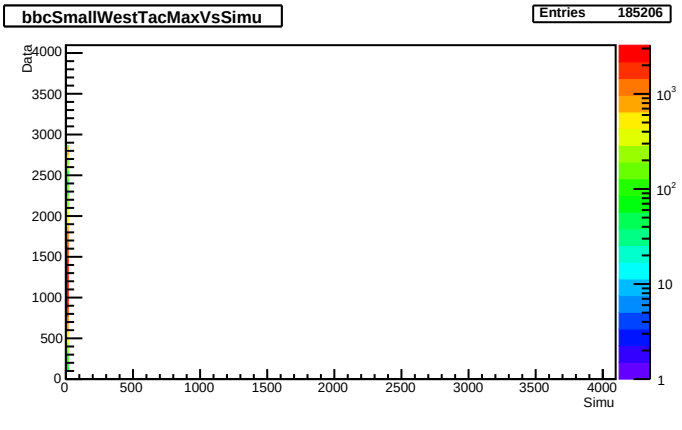
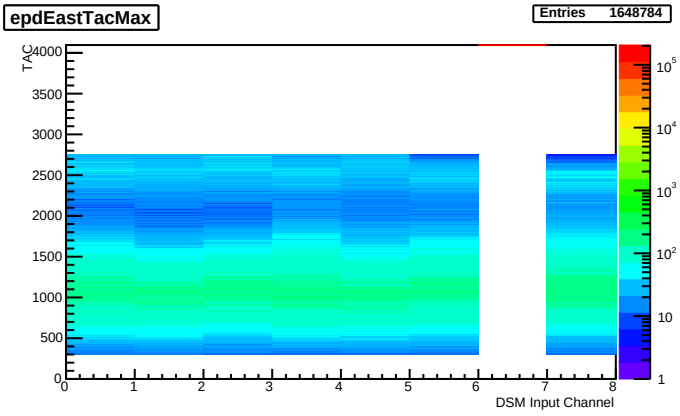
Entries 161138
Data
Simu

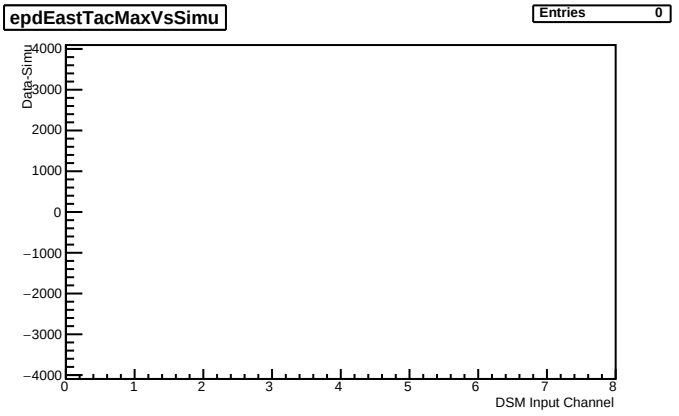

bbcSmallWestAdcSum
Entries 206098

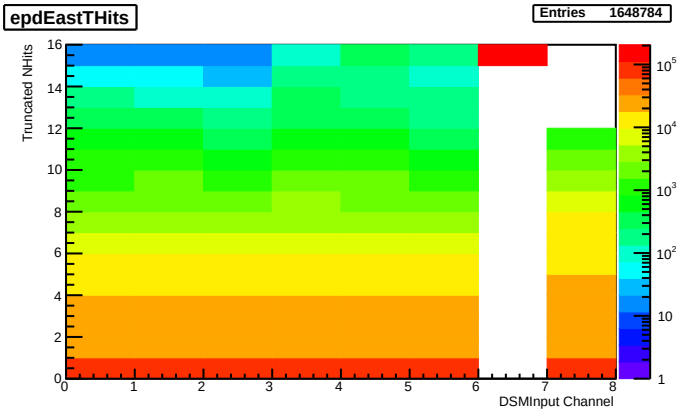

bbcSmallWestAdcSumVsSimu
Entries 185206
Data
Simu

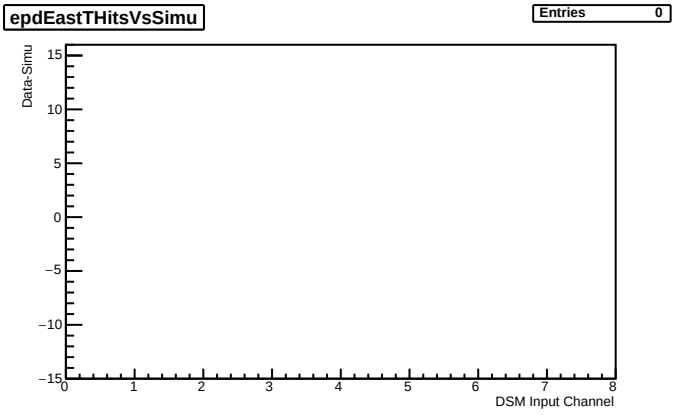

bbcSmallWestTacMax
Entries 206098


bbcSmallWestTacMaxVsSimu
Entries 185206
Data
Simu


epdEastTacMax
Entries 1648784
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1648784
Truncated NHits
DSMInput Channel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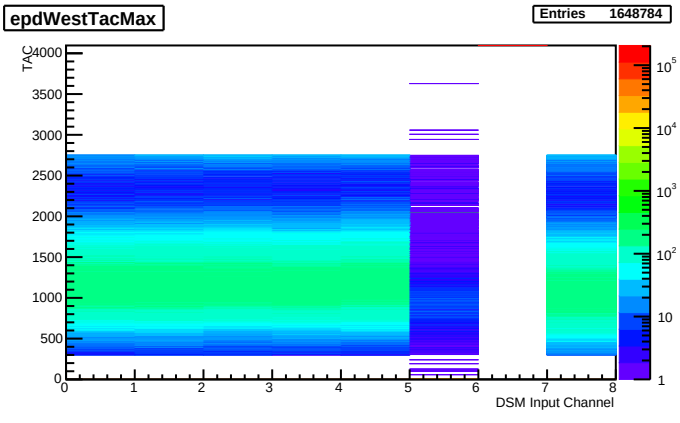
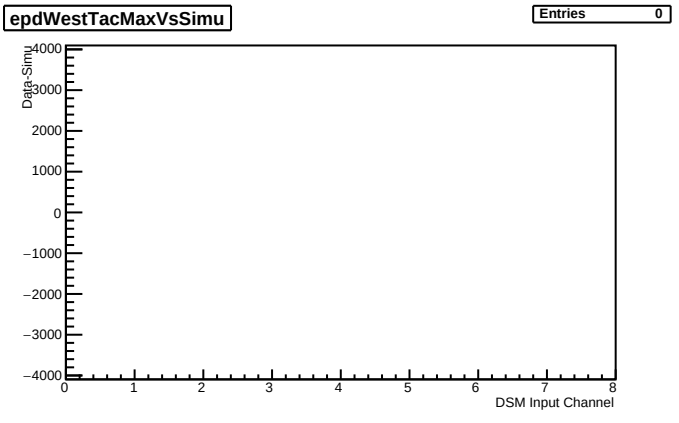
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1648784
TAC
DSM Input Channel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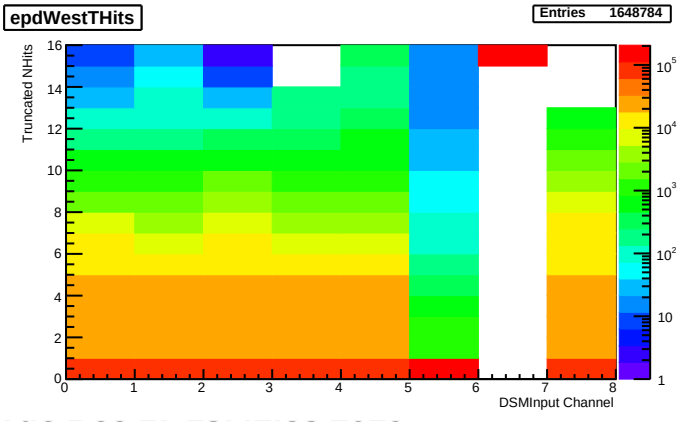
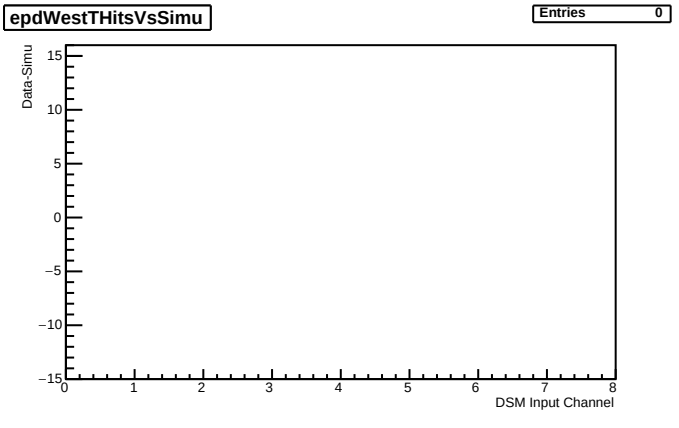
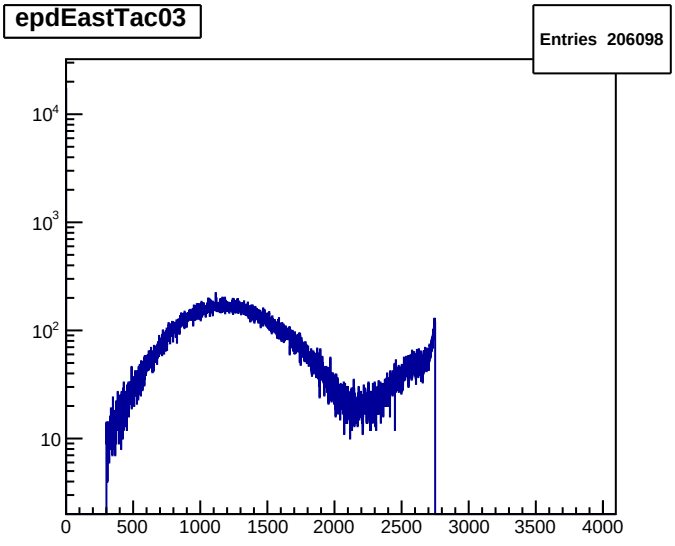
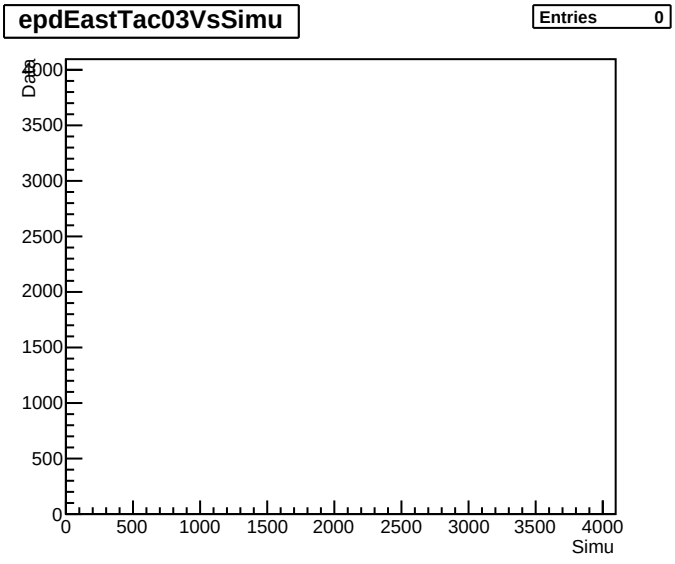
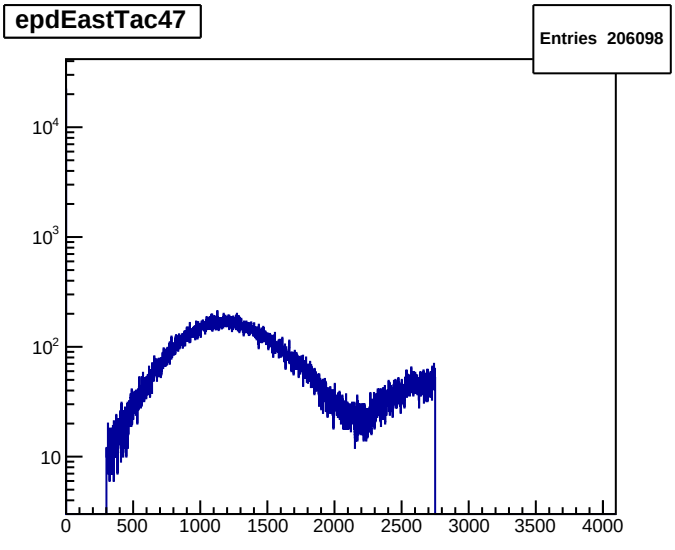
Entries 0
Data-Simu
DSM Input Channel

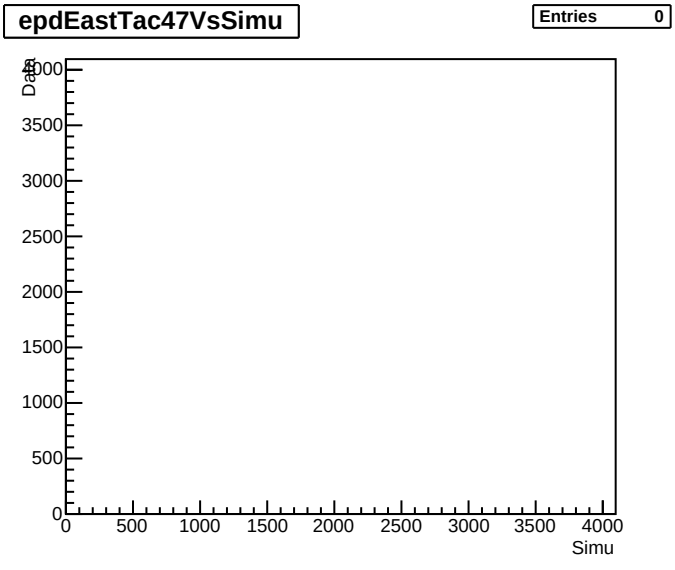

epdWestTHits
Entries 1648784
Truncated NHits
DSMInput Channel

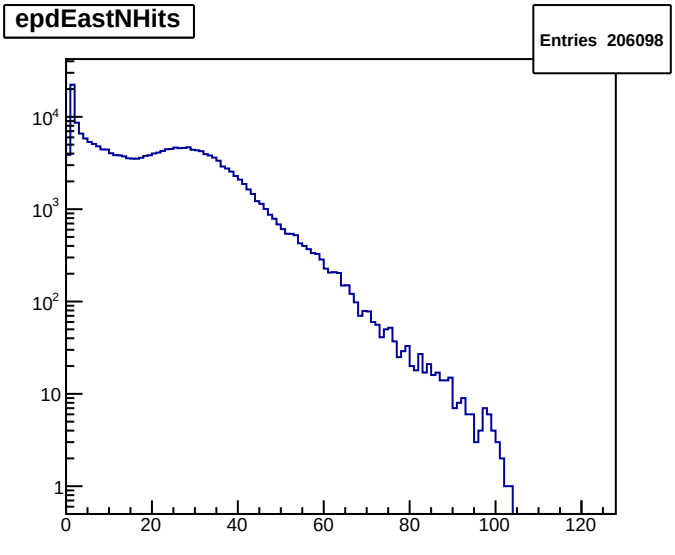

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

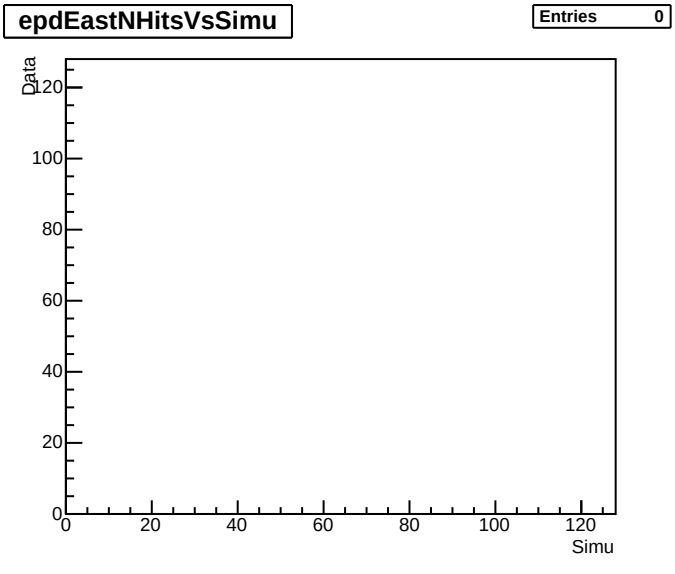

epdEastTac03
Entries 206098


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 206098


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 206098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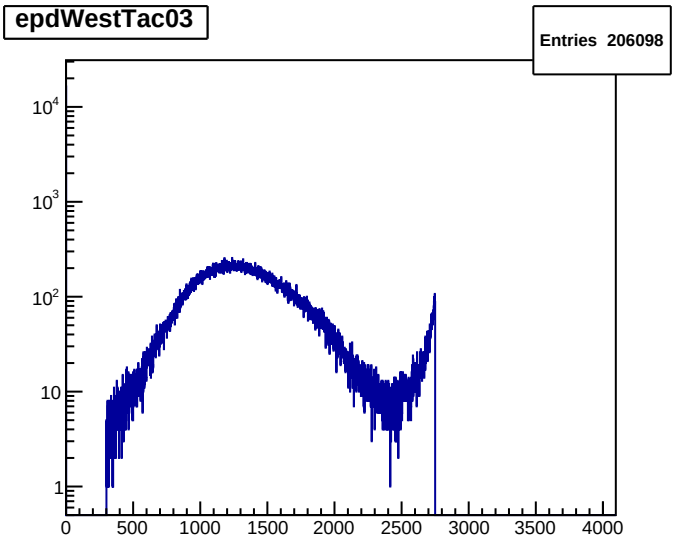
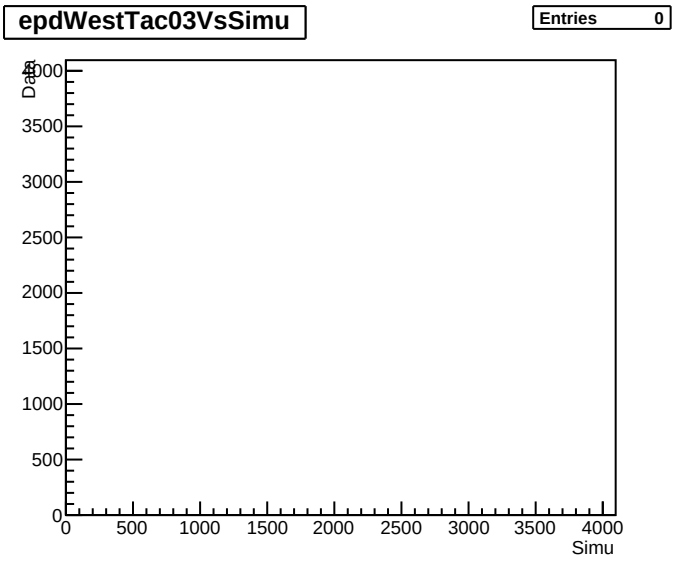
Entries 0
Data
Simu


epdWestTac03
Entries 206098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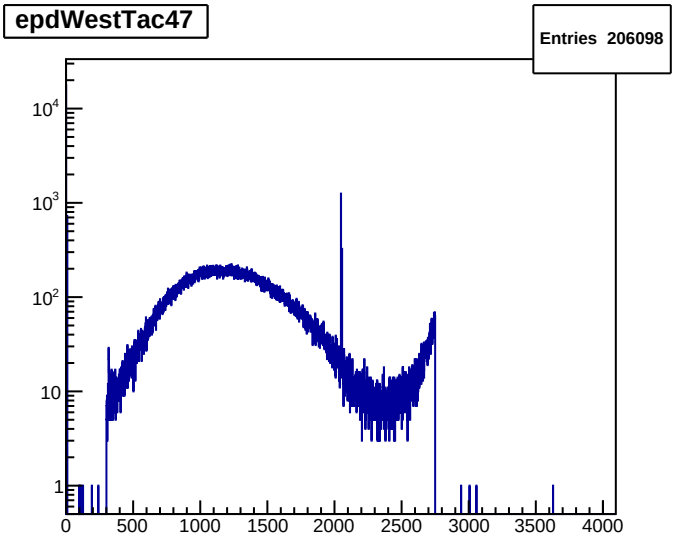
Entries 0
Data
Simu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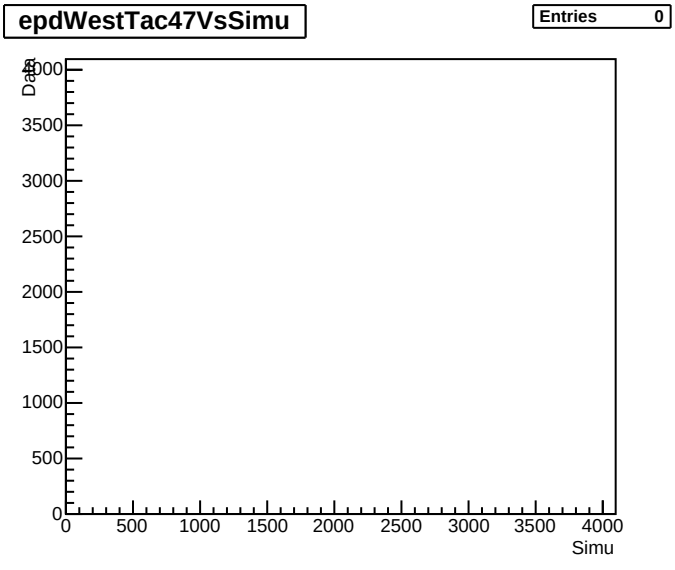
Entries 206098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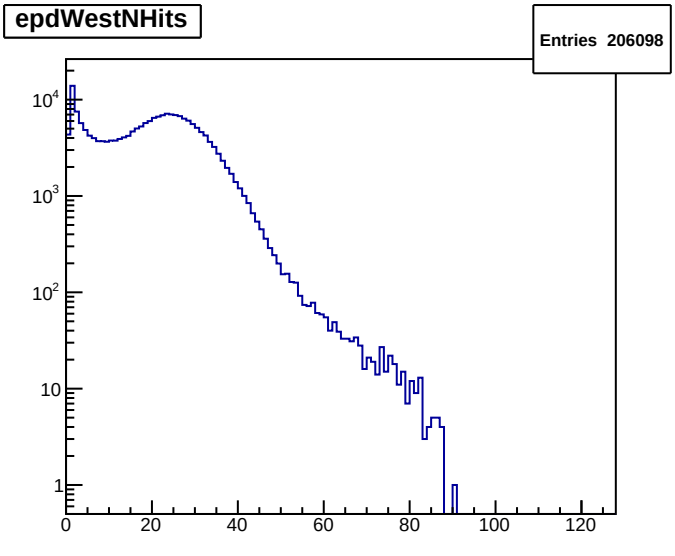
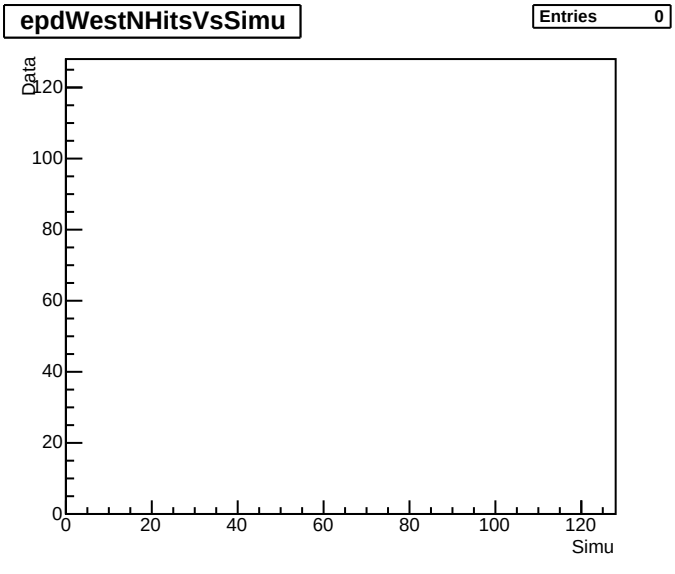
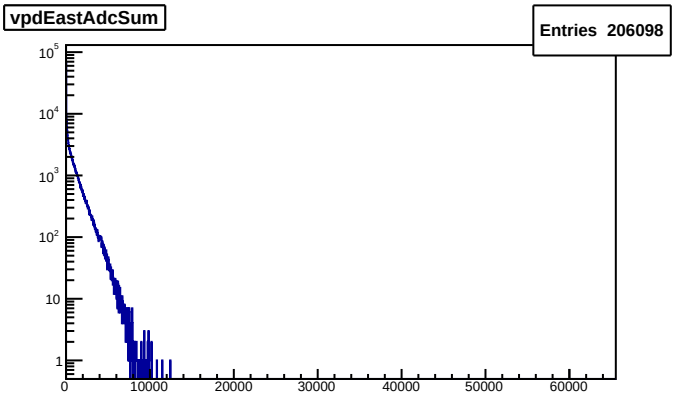
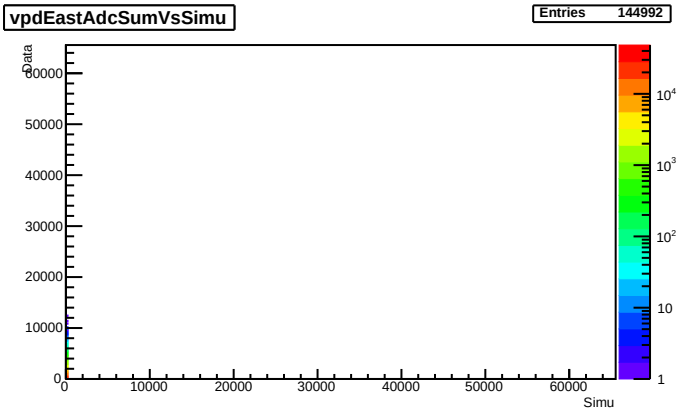
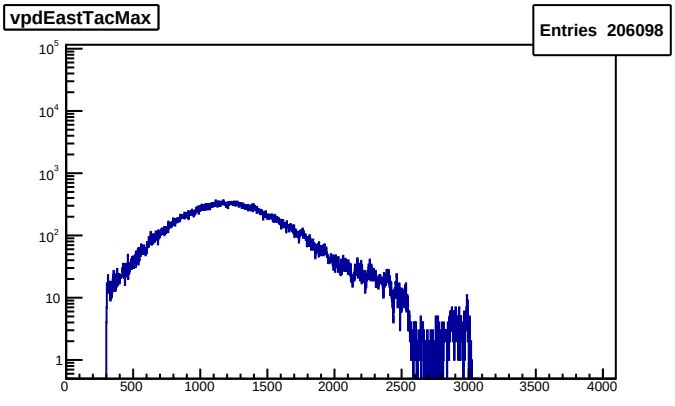
Entries 0
Data
Simu

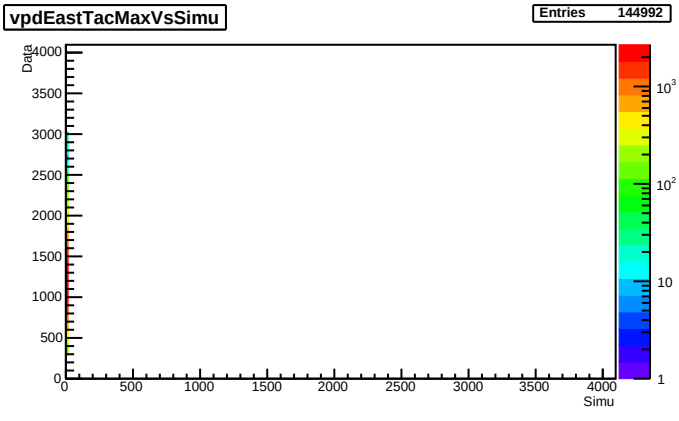

epdWestNHits
Entries 206098

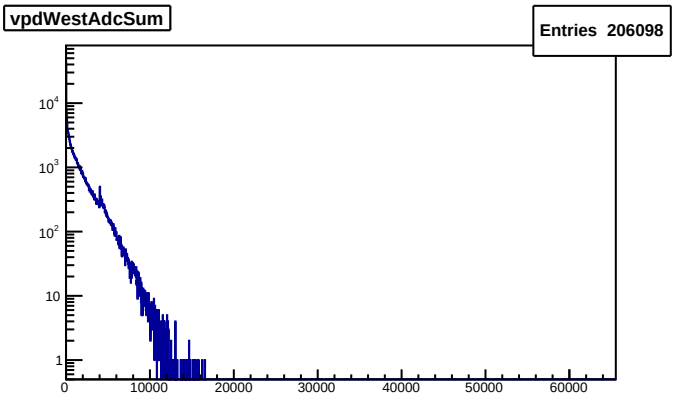

epdWestNHitsVsSimu
Entries 0
Data
Simu

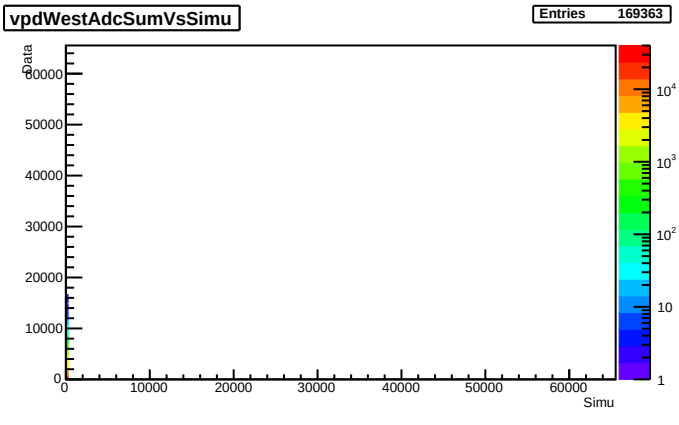

vpdEastAdcSum
Entries 206098

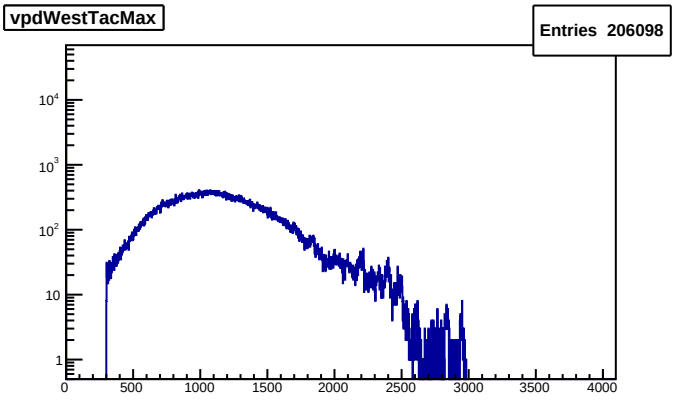

vpdEastAdcSumVsSimu
Entries 144992
Data
Simu

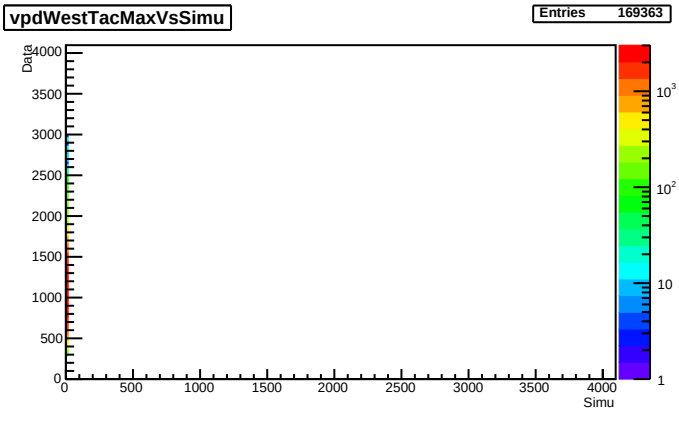

vpdEastTacMax
Entries 206098

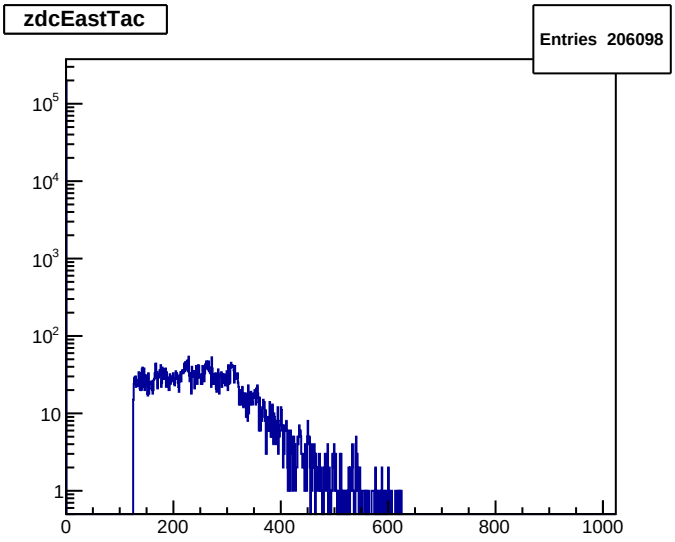

vpdEastTacMaxVsSimu
Entries 144992
Data
Simu

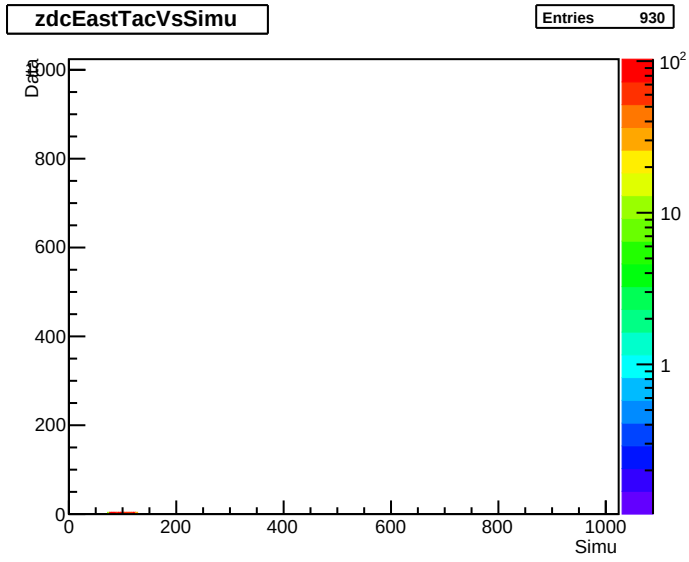

vpdWestAdcSum
Entries 206098

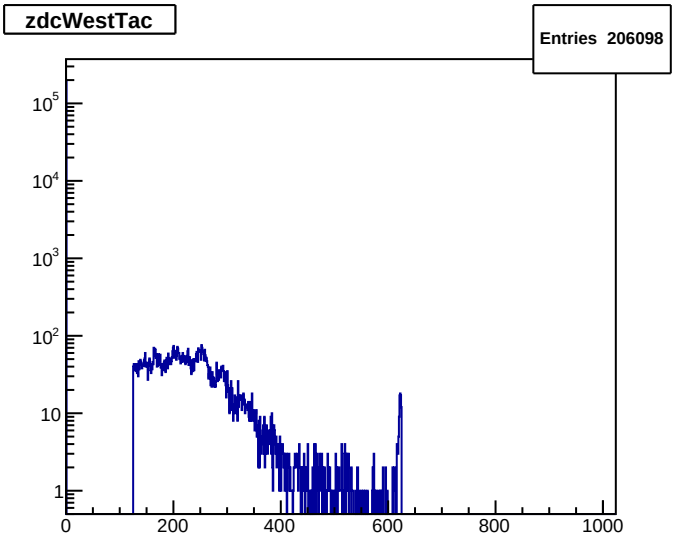

vpdWestAdcSumVsSimu
Entries 169363
Data
Simu

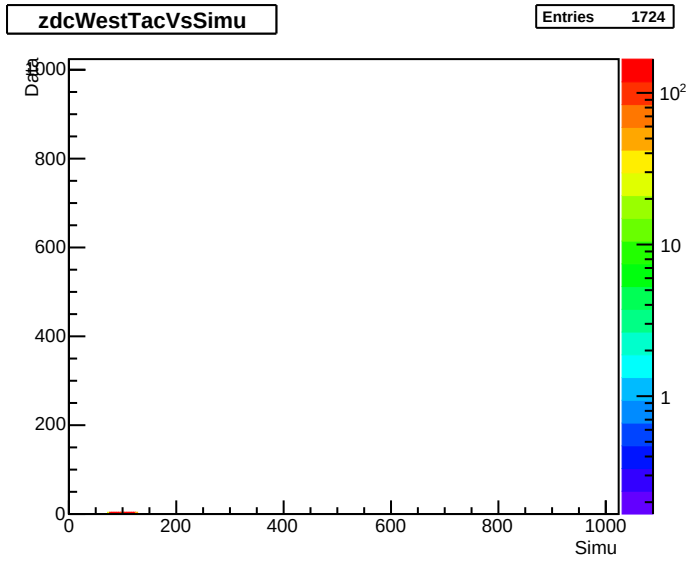

vpdWestTacMax
Entries 206098

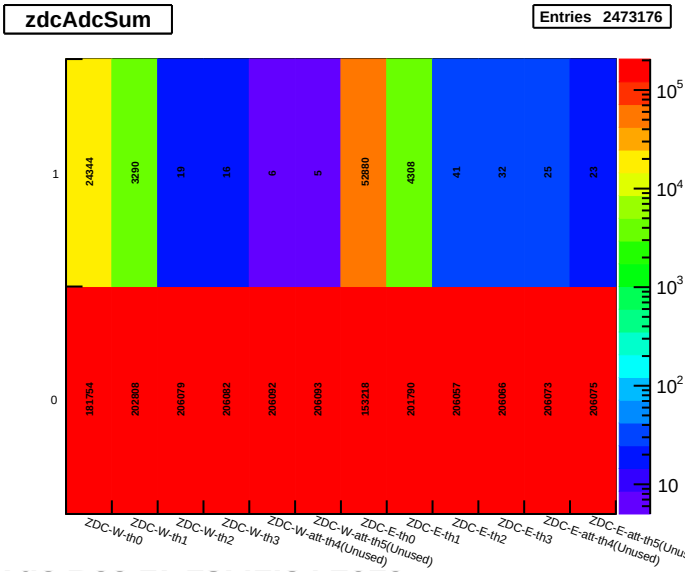

vpdWestTacMaxVsSimu
Entries 169363
Data
Simu

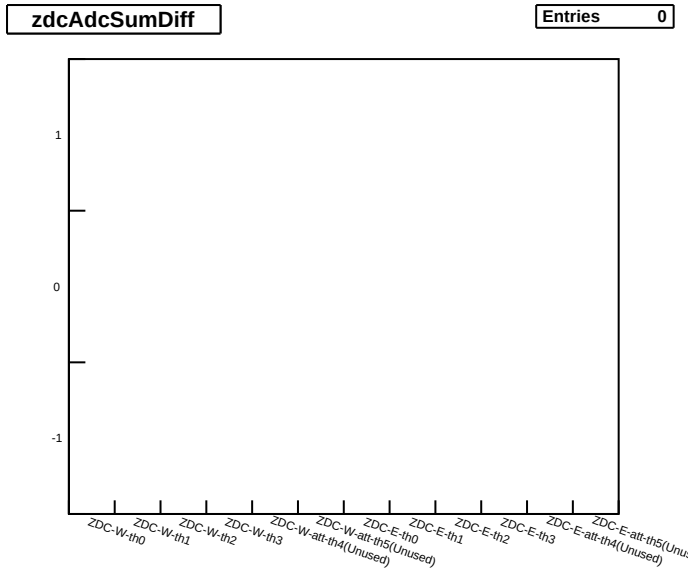

zdcEastTac
Entries 206098

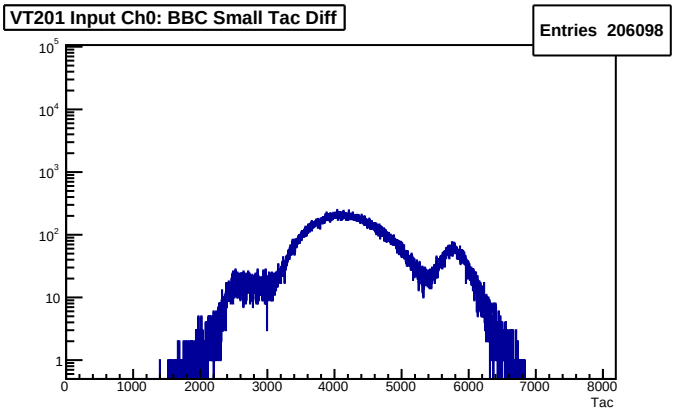

zdcEastTacVsSimu
Entries 930
Data
Simu

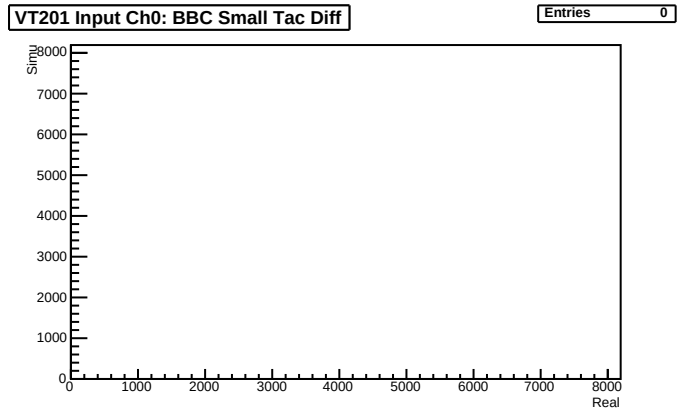

zdcWestTac
Entries 206098

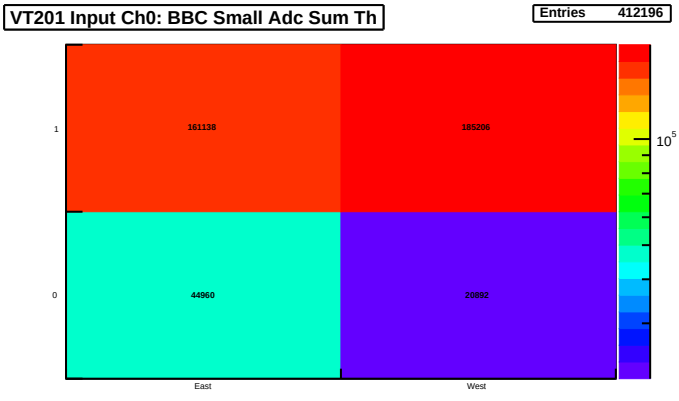

zdcWestTacVsSimu
Entries 1724
Data
Simu

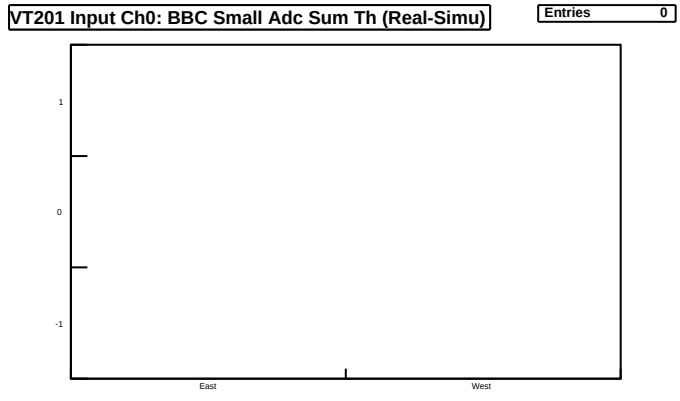

zdcAdcSum
Entries 2473176
24344
3290
19
16
6
5
52880
4308
41
32
25
23
181754
202808
206079
206082
206092
206093
153218
201790
206057
206066
206073
206075
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

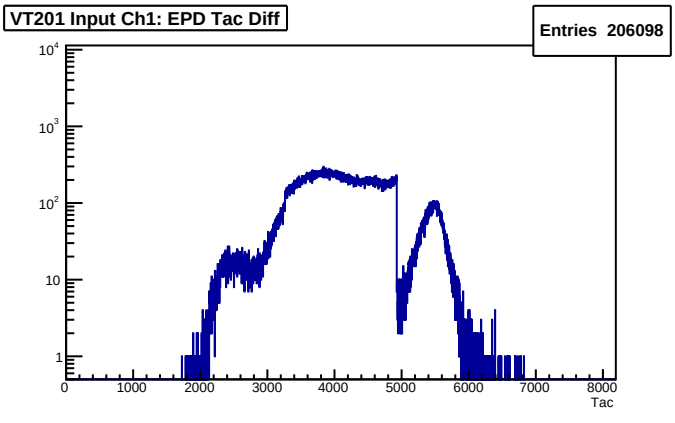

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

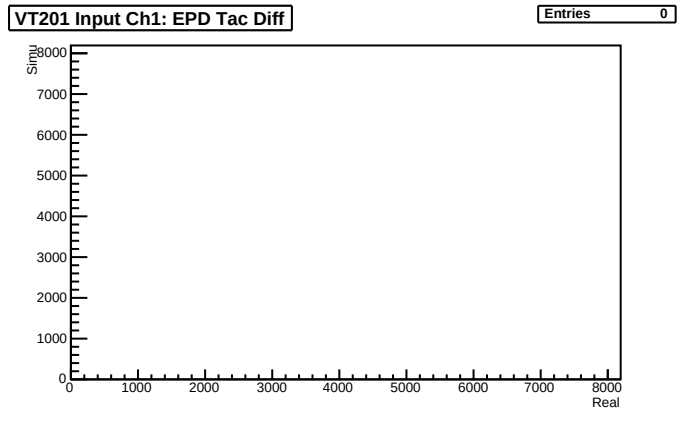

VT201 Input Ch0: BBC Small Tac Diff
Entries 206098
Tac

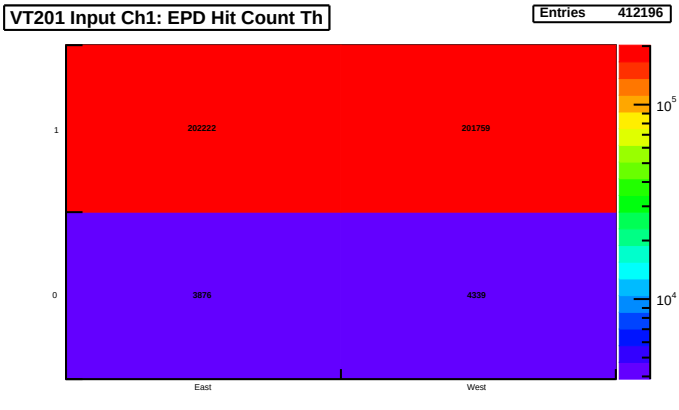

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

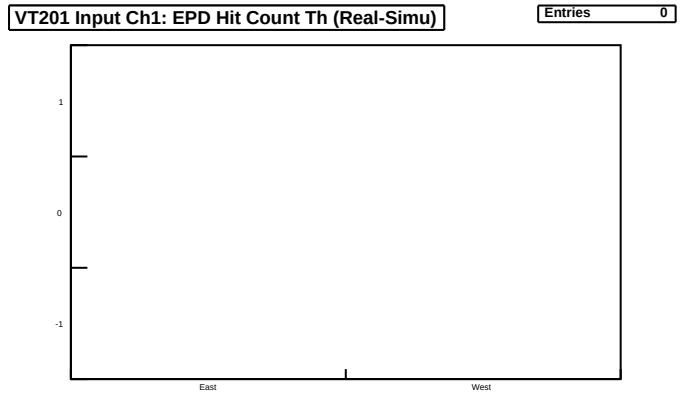

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 412196
161138
185206
44960
20892
East
West

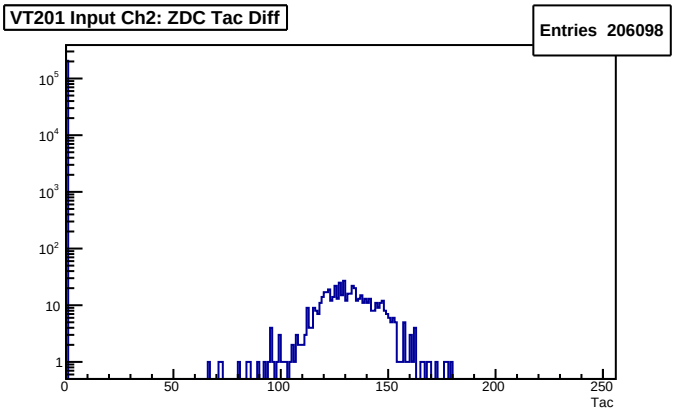

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

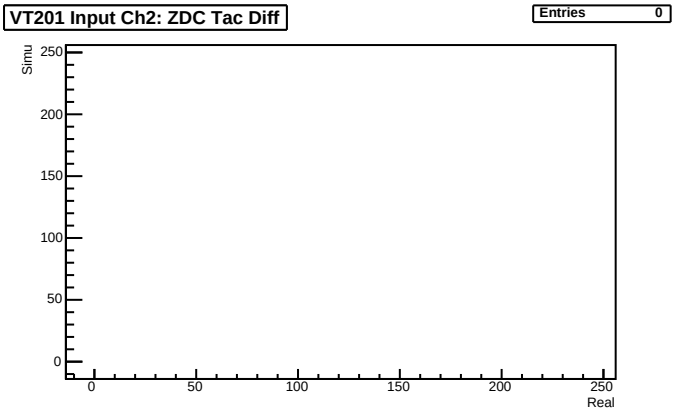

VT201 Input Ch1: EPD Tac Diff
Entries 206098
Tac

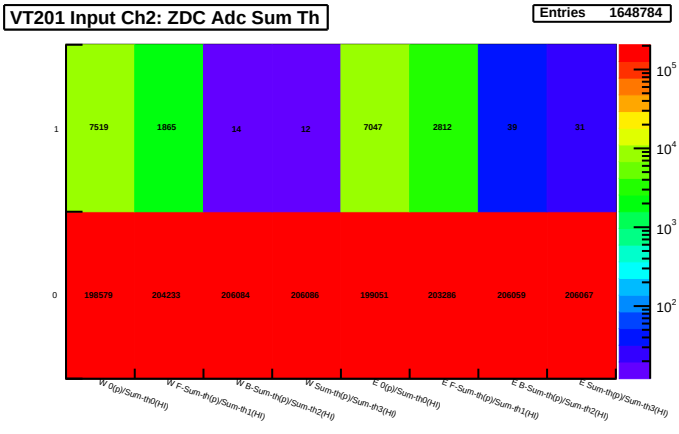

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

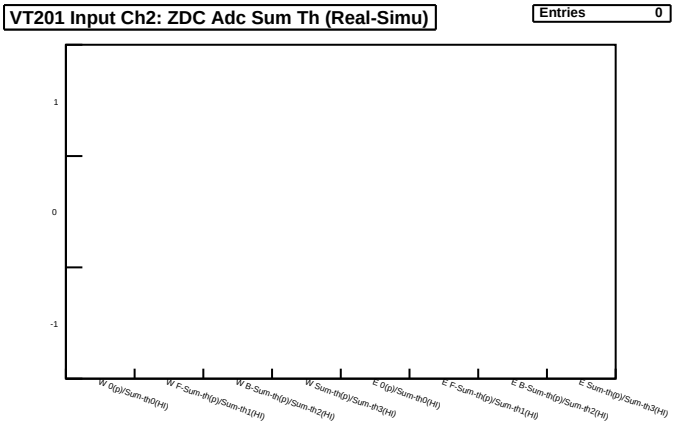

VT201 Input Ch1: EPD Hit Count Th
Entries 412196
202222
201759
3876
4339
East
West

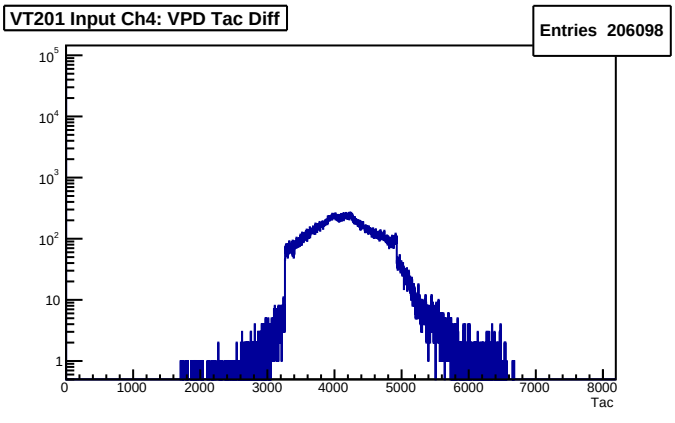

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

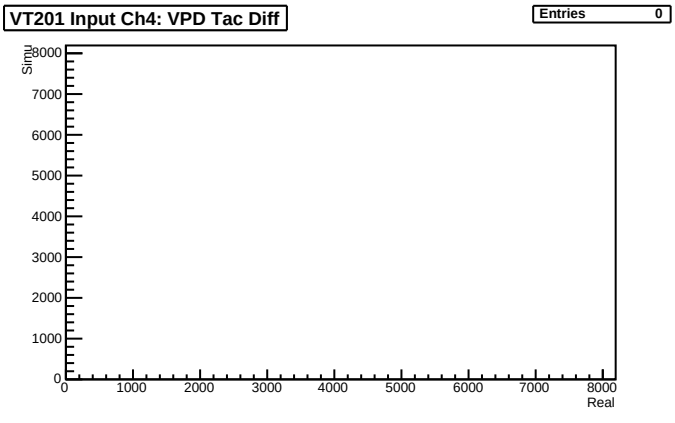

VT201 Input Ch2: ZDC Tac Diff
Entries 206098
Tac

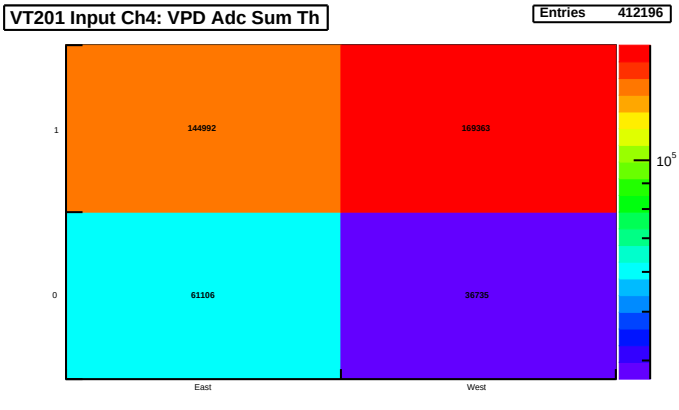

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

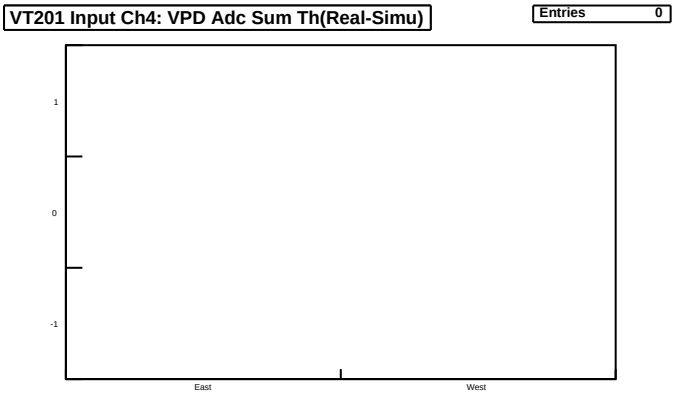

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1648784
7519
1865
14
12
7047
2812
39
31
198579
204233
206084
206086
199051
203286
206059
206067
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

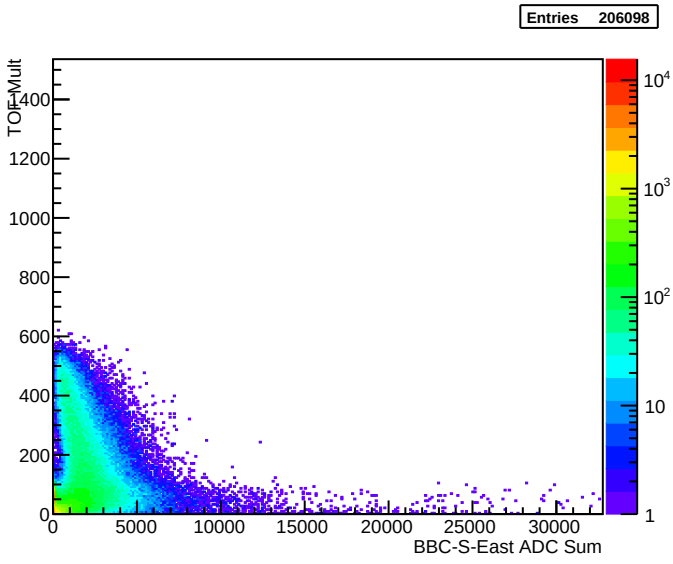

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

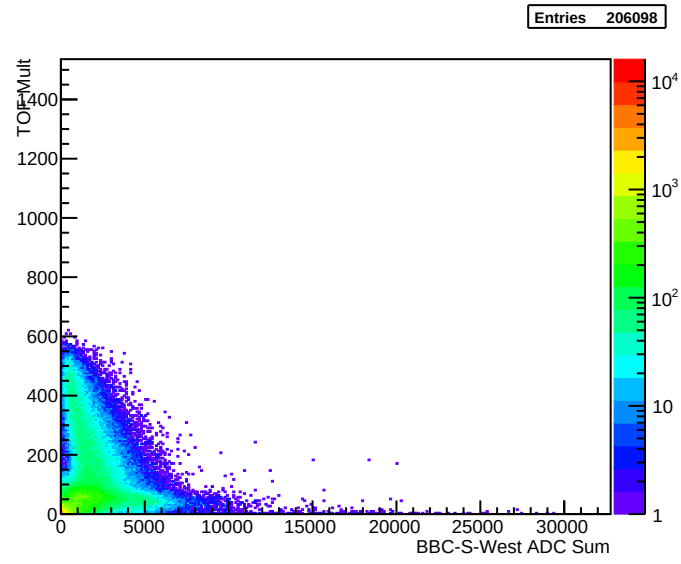

VT201 Input Ch4: VPD Tac Diff
Entries 206098
Tac

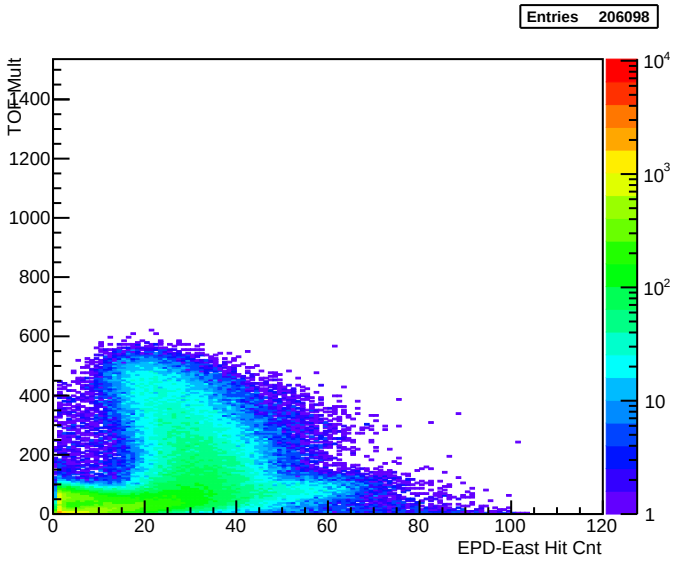

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

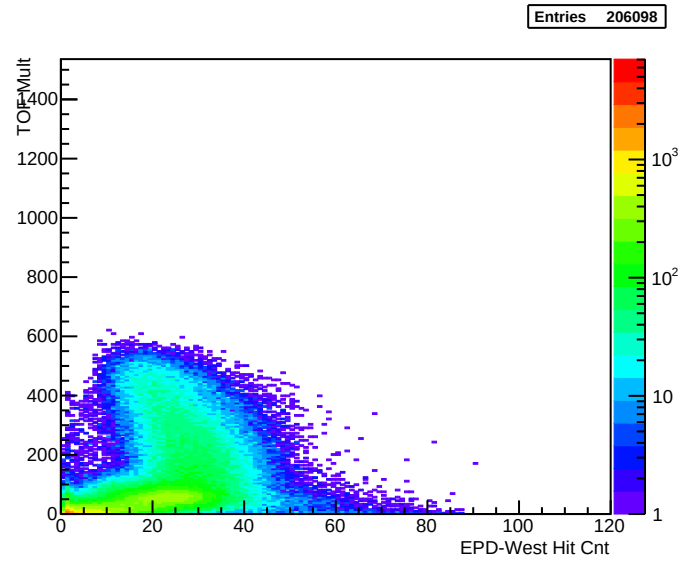

VT201 Input Ch4: VPD Adc Sum Th
Entries 412196
144992
169363
61106
36735
East
West

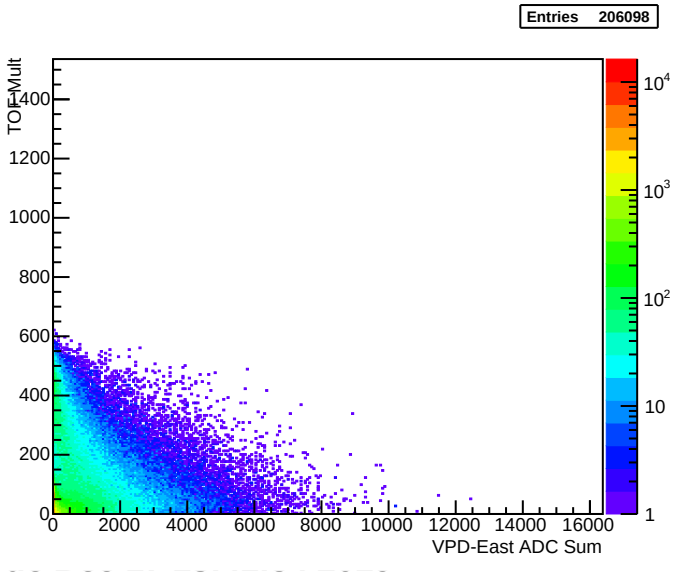

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

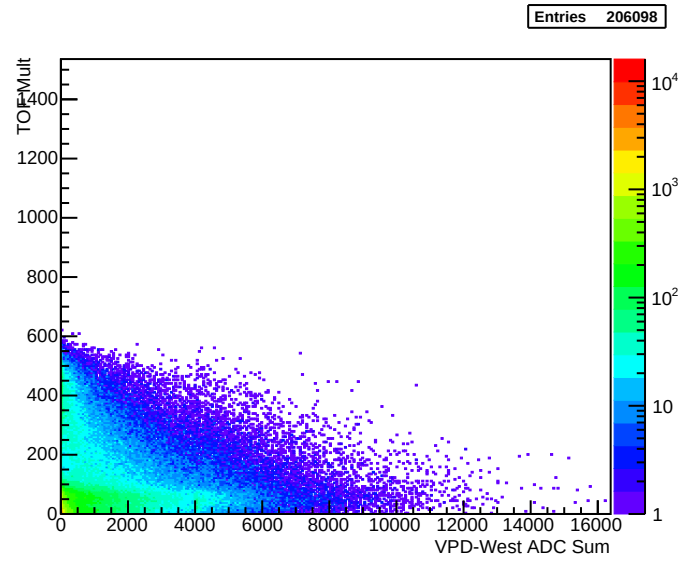

Entries 206098
TOF-Mult
BBC-S-East ADC Sum

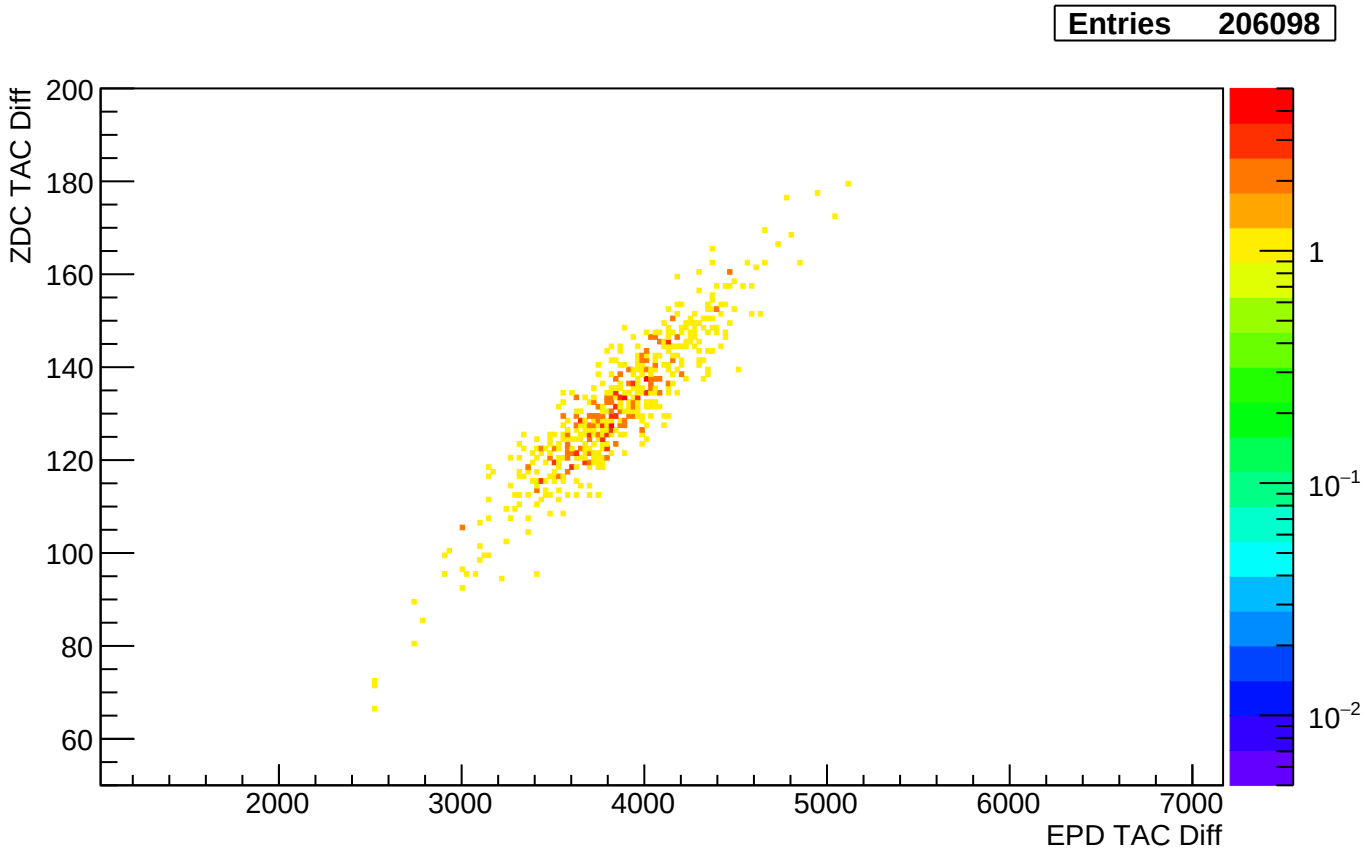

Entries 206098
TOF-Mult
BBC-S-West ADC Sum

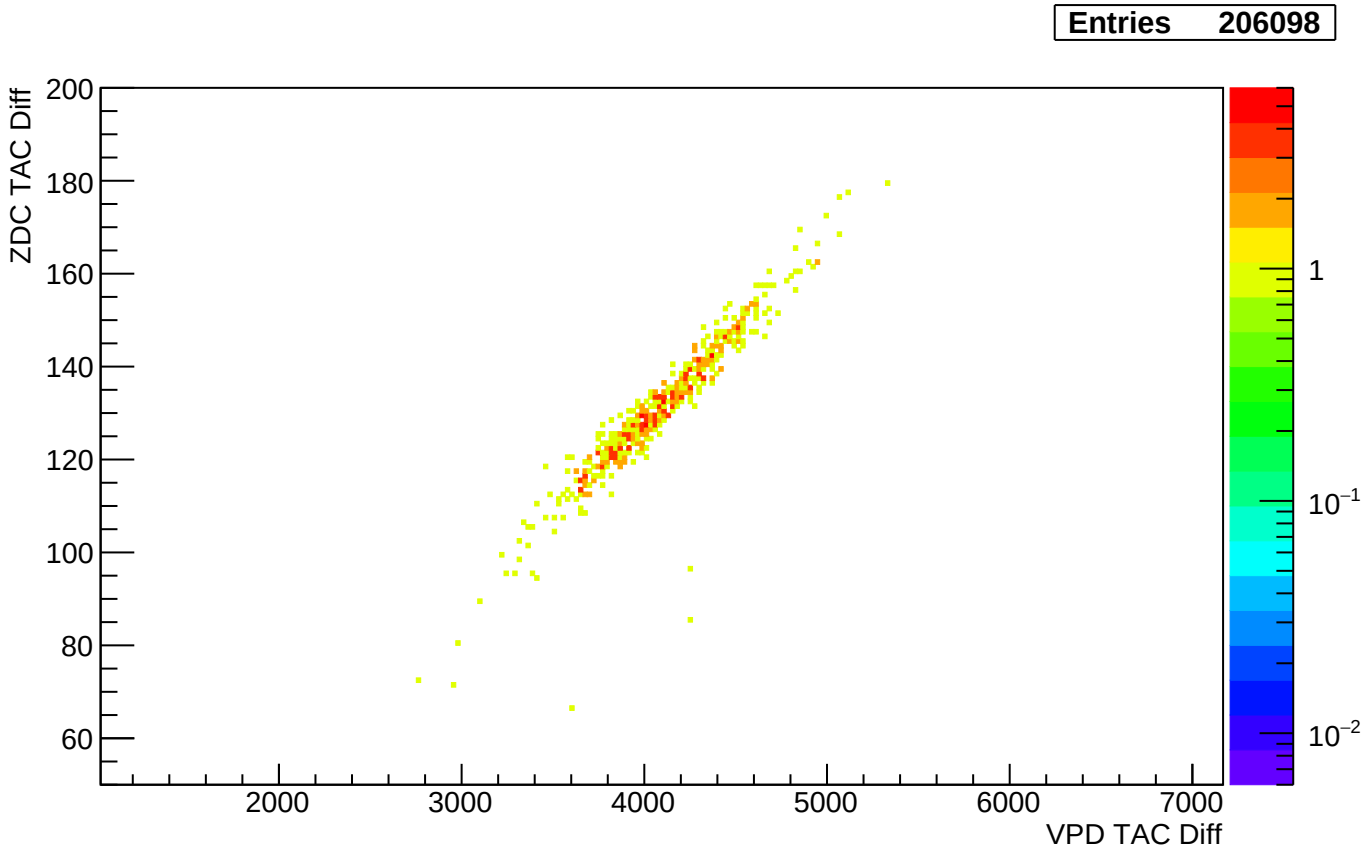

Entries 206098
TOF-Mult
EPD-East Hit Cnt

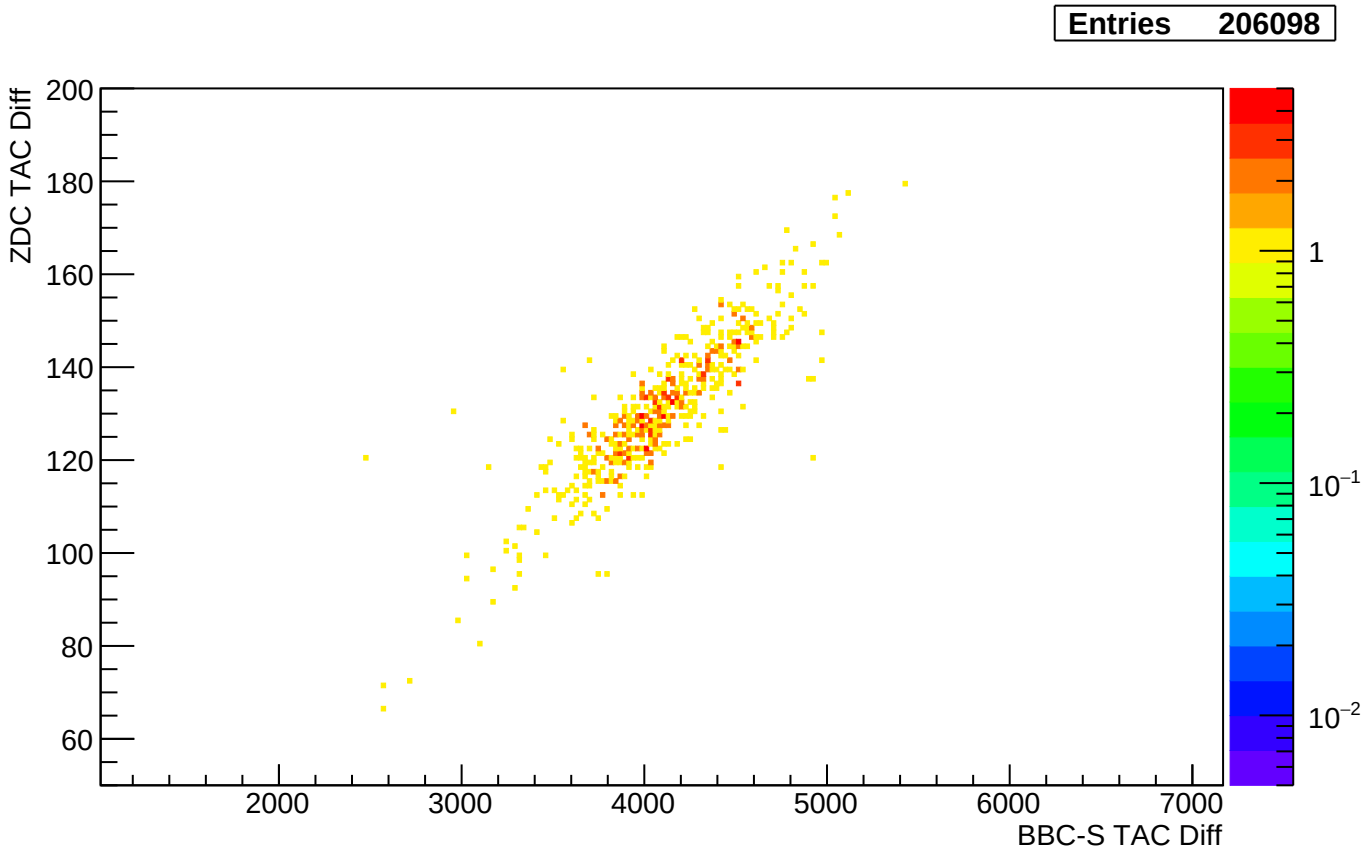

Entries 206098
TOF-Mult
EPD-West Hit Cnt

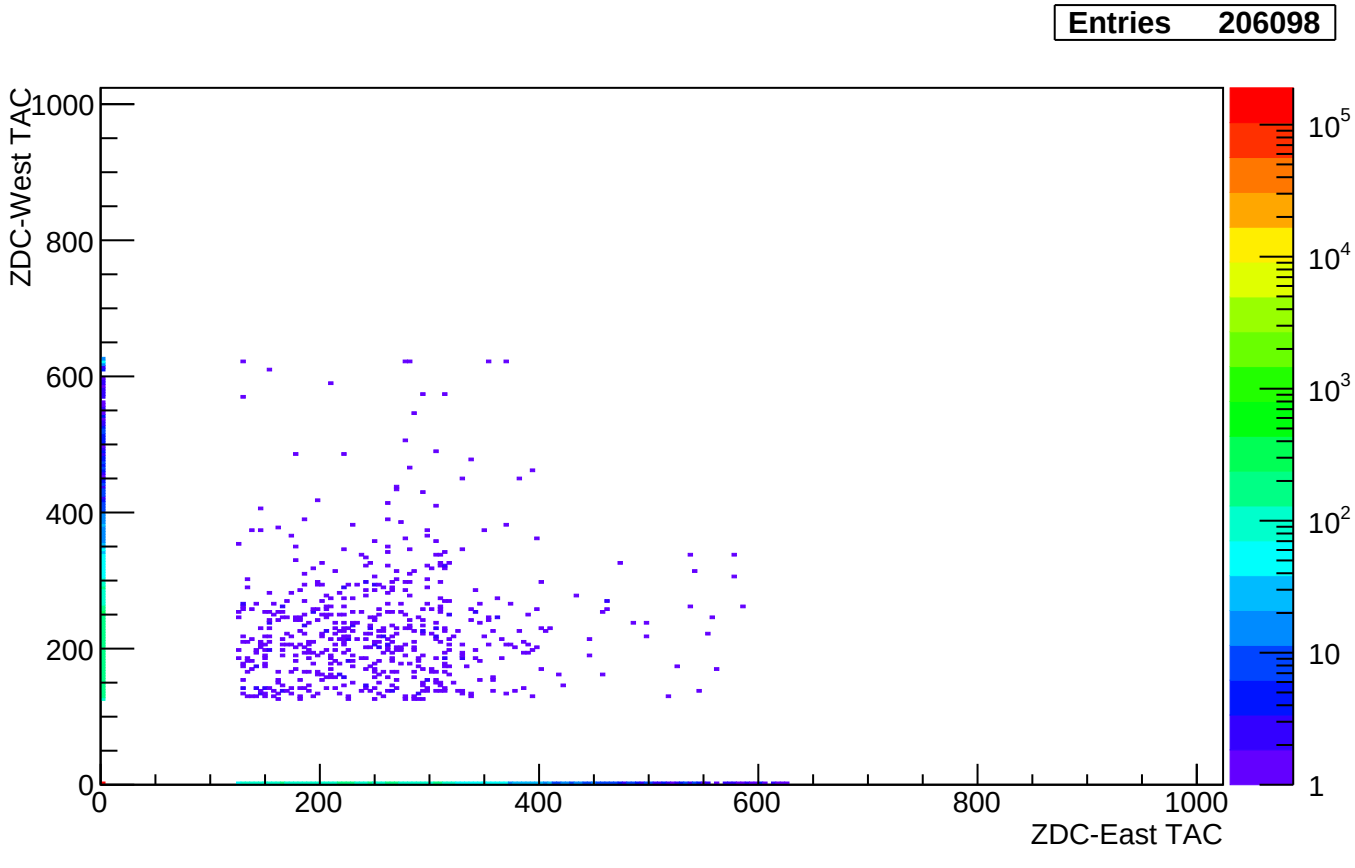

Entries 206098
TOF-Mult
VPD-East ADC Sum

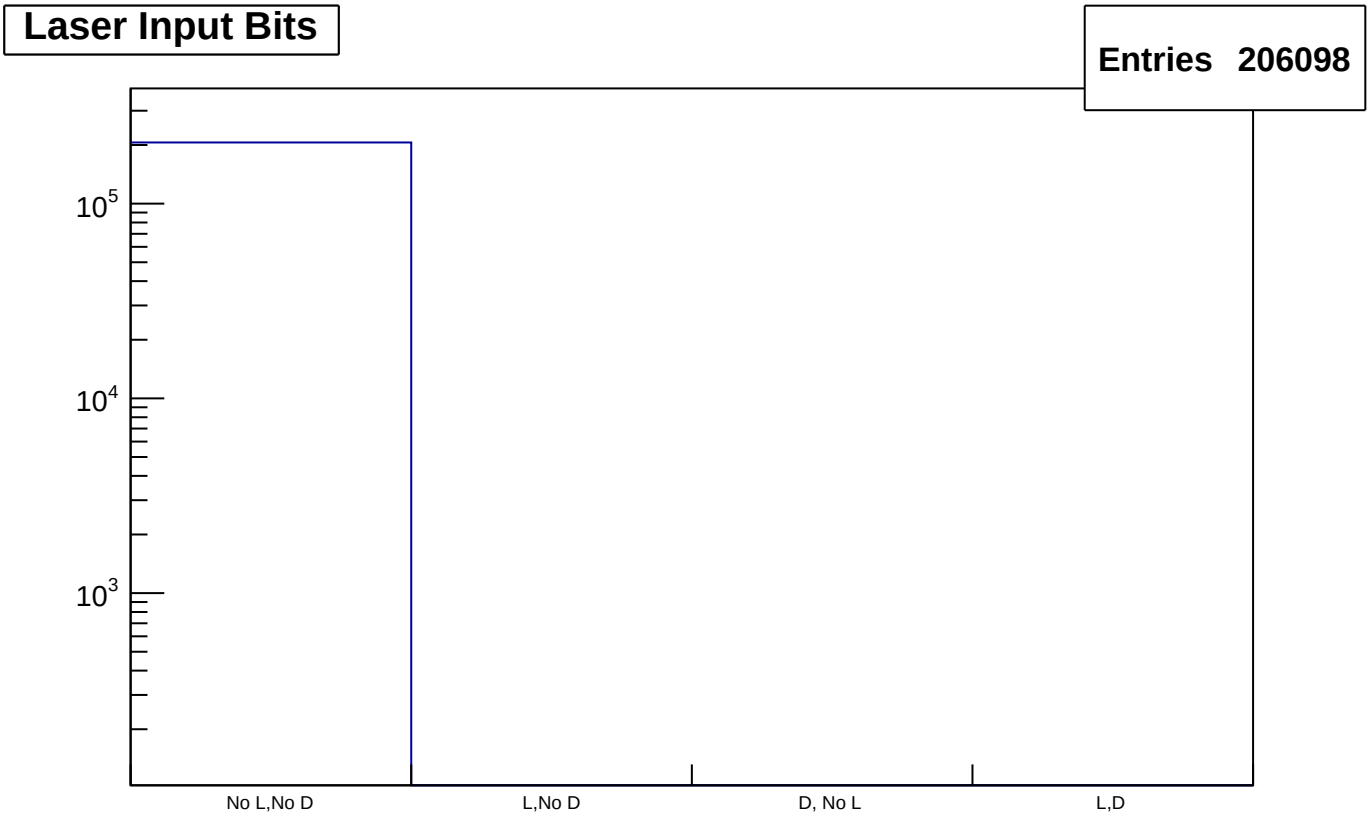

Entries 206098
TOF-Mult
VPD-West ADC Sum

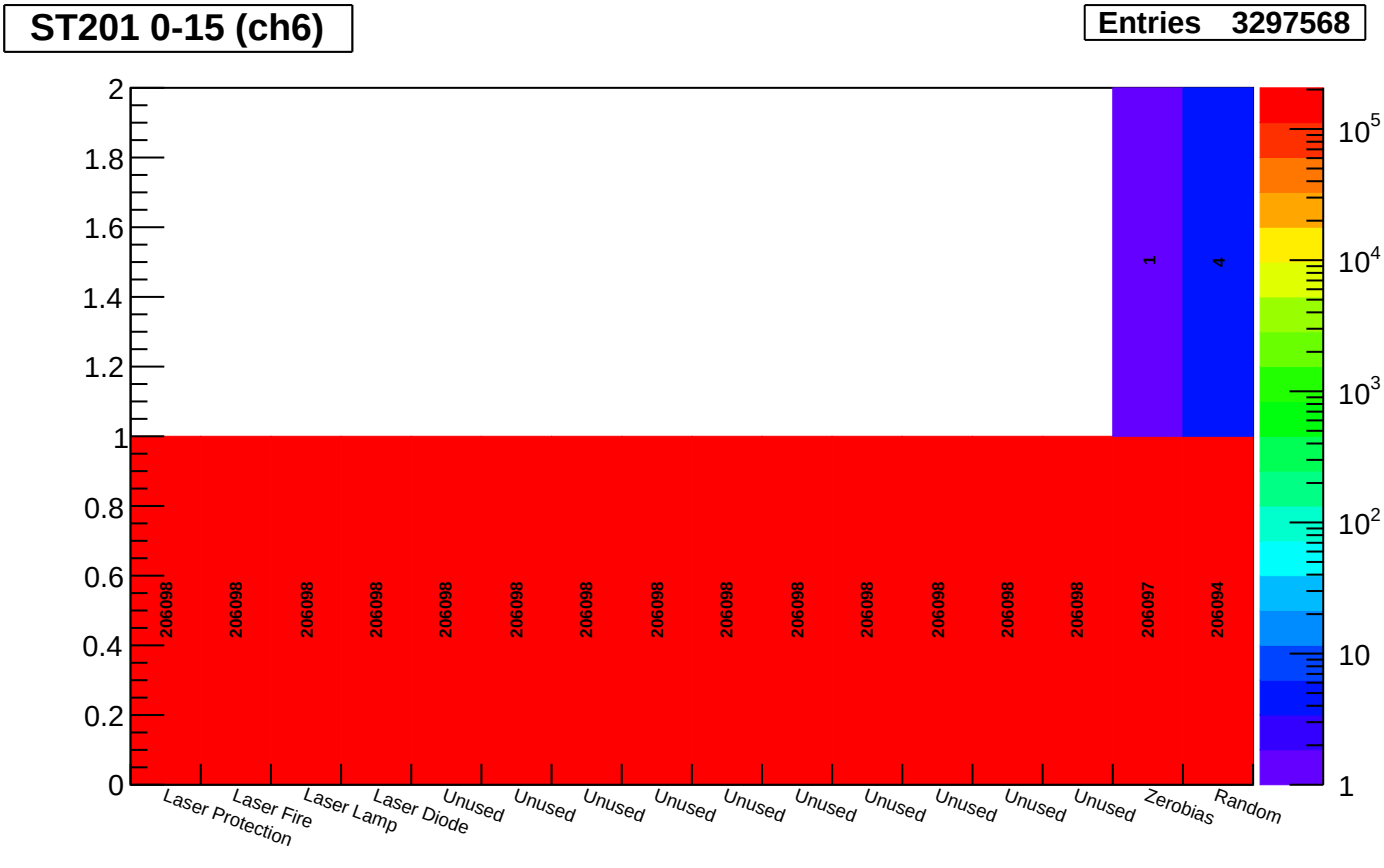

Entries 206098
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

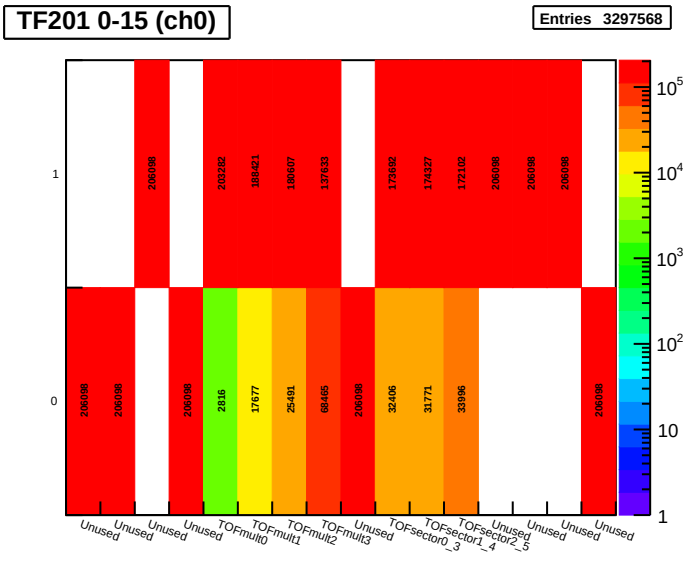

Entries 206098
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

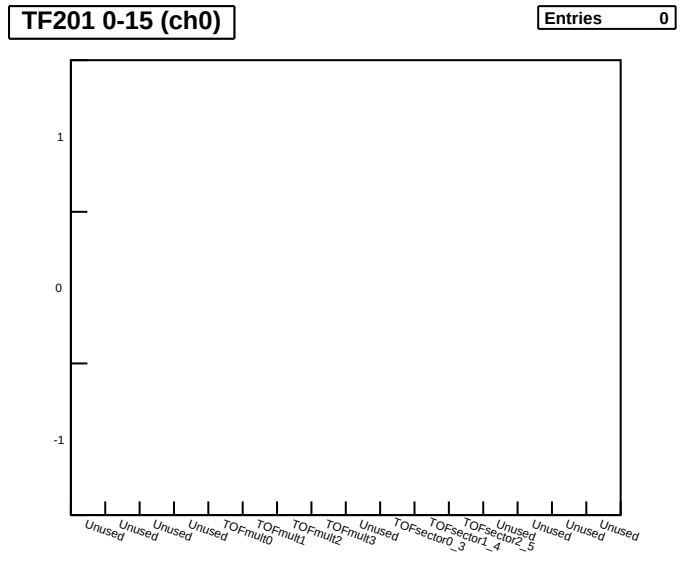

Entries 206098
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

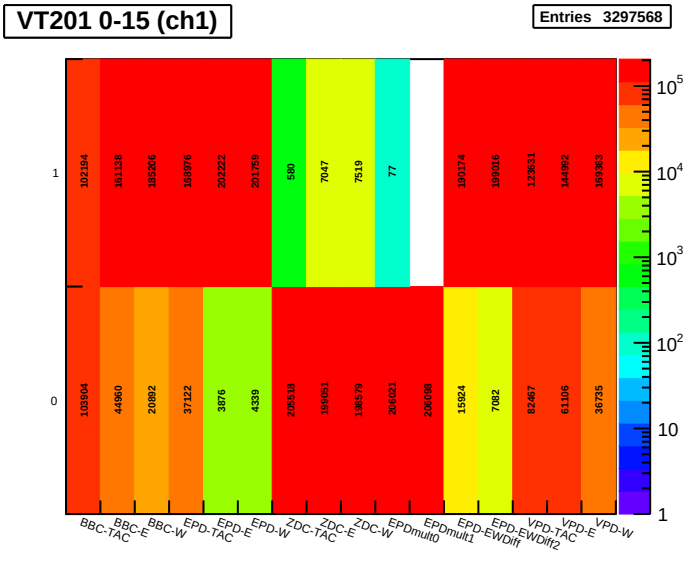

Entries 206098
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

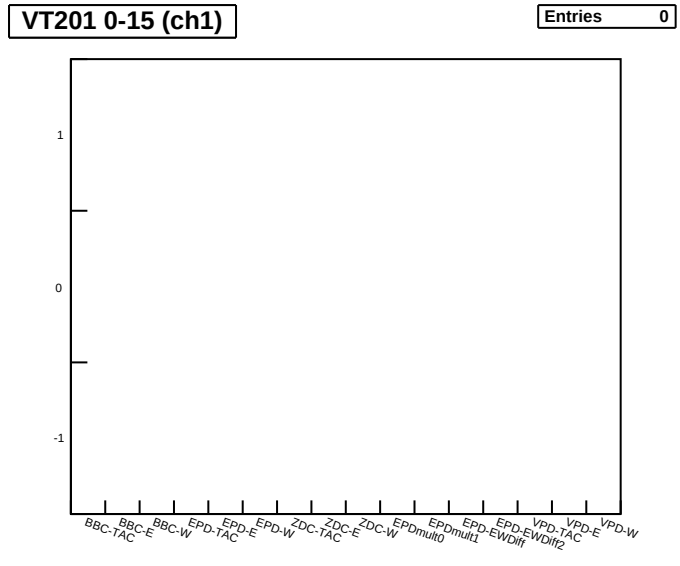

Laser Input Bits
Entries 206098
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

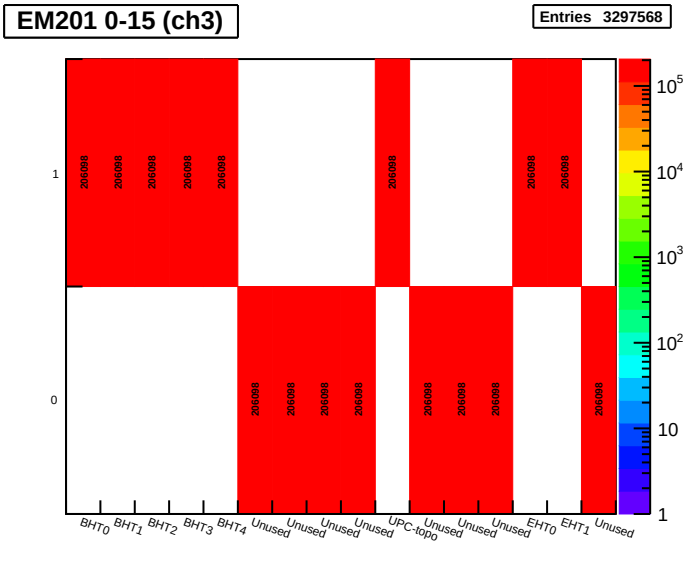

ST201 0-15 (ch6)
Entries 3297568
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
206098
206098
206098
206098
206098
206098
206098
206098
206098
206098
206098
206098
206098
206098
206097
206094
1
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

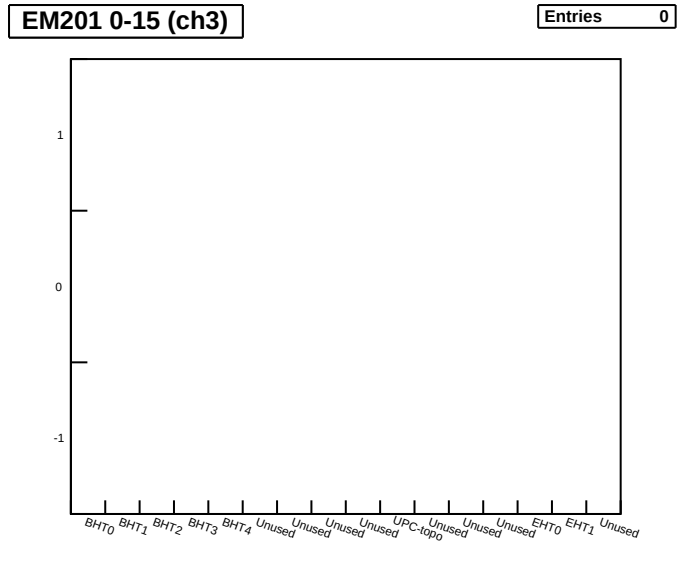

TF201 0-15 (ch0)
Entries 3297568
1
0
206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098
2816 17677 25491 68465 32406 31771 33996
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 3297568
1
0
102194 161138 185206 168976 202222 201759 580 7047 7519 77 190174 199016 123631 144992 169353
103904 44960 20892 37122 3876 4339 205518 199051 198579 206021 206098 15924 7082 82467 61106 36735
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 3297568
1
0
206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098 206098
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