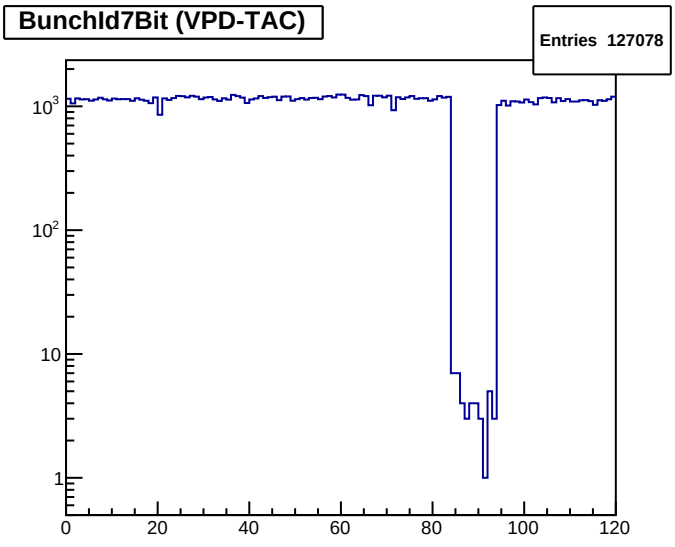
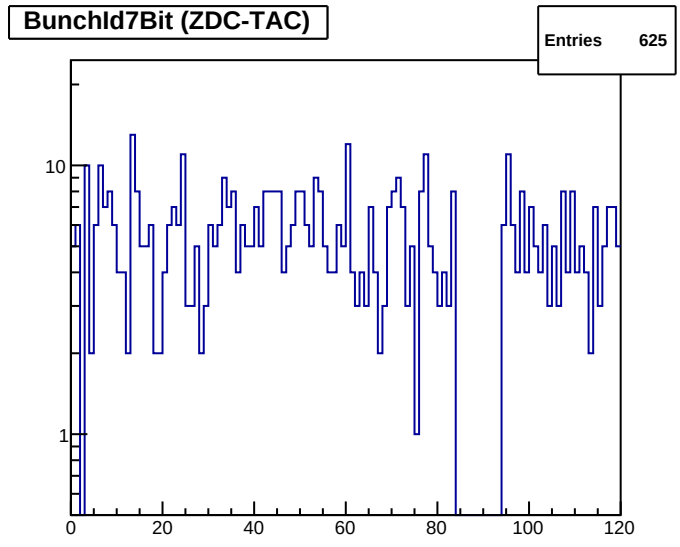
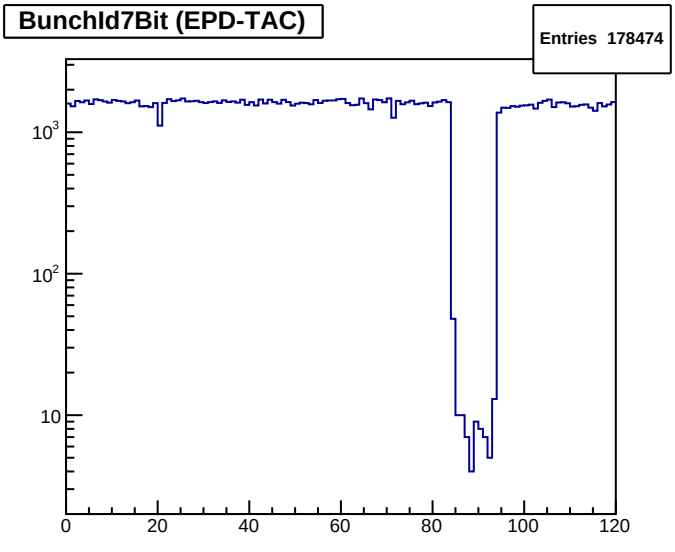
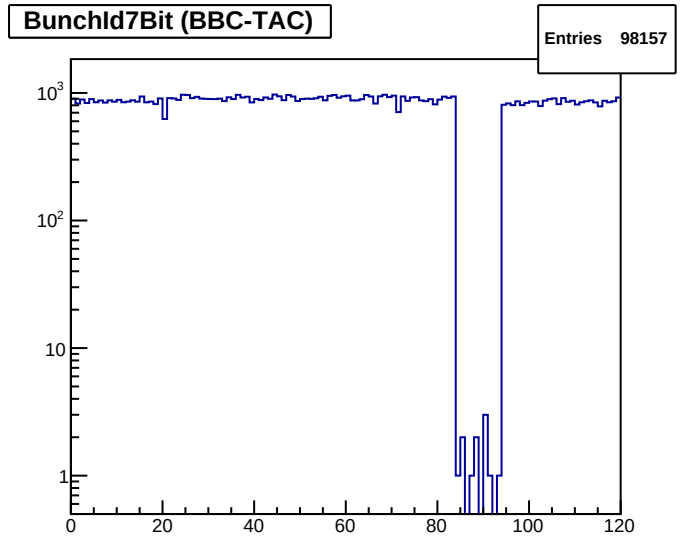
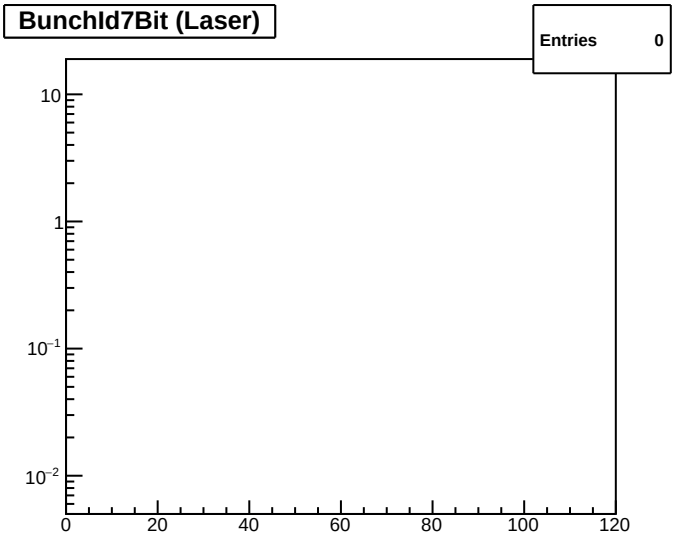
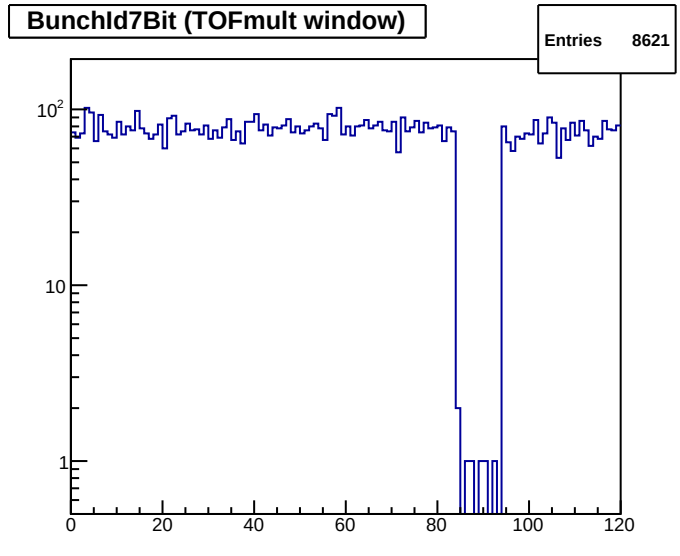

BunchId7Bit (VPD-TAC)
Entries 127078

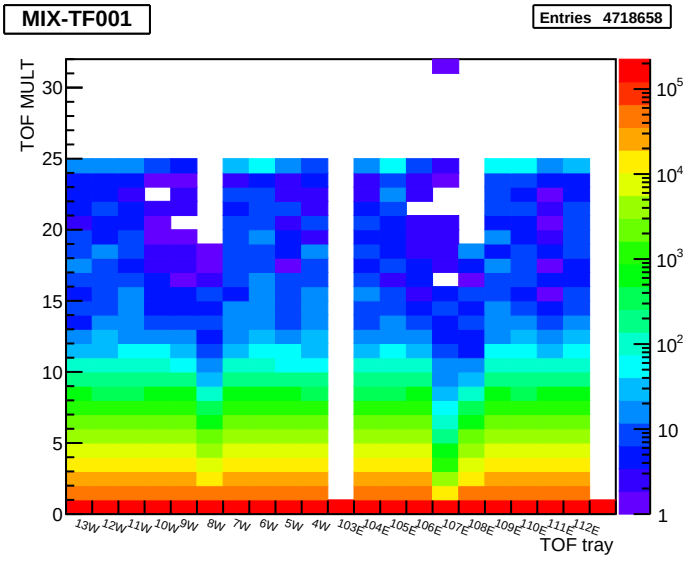

BunchId7Bit (ZDC-TAC)
Entries 625

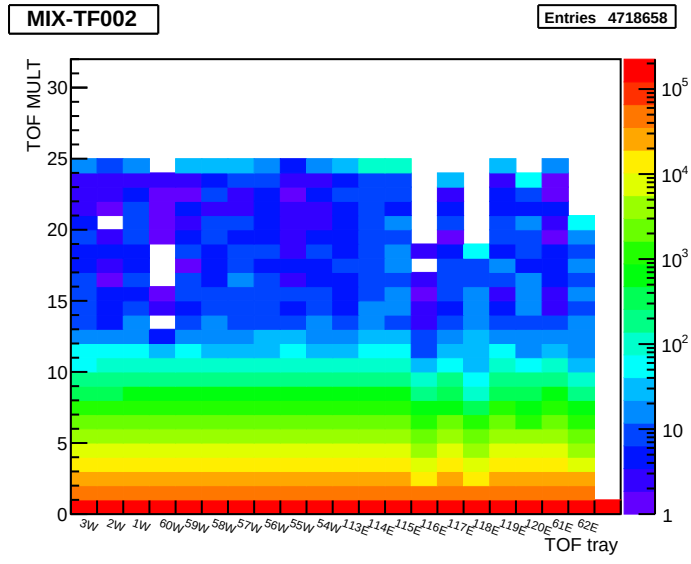

BunchId7Bit (EPD-TAC)
Entries 178474

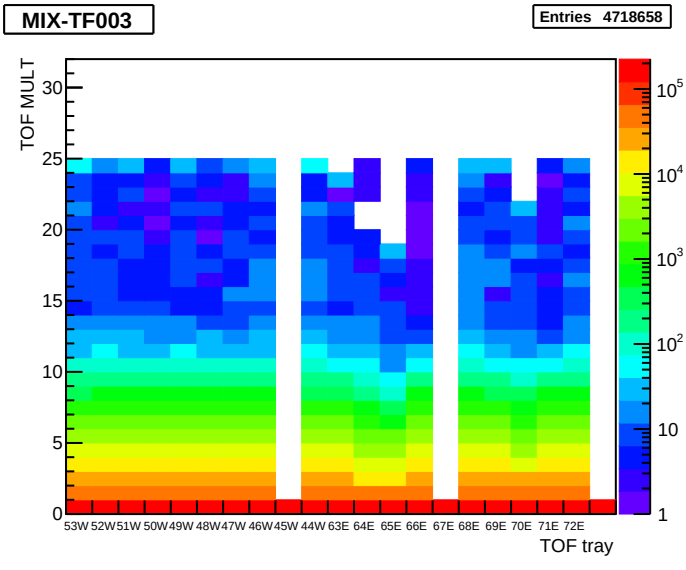

BunchId7Bit (BBC-TAC)
Entries 98157

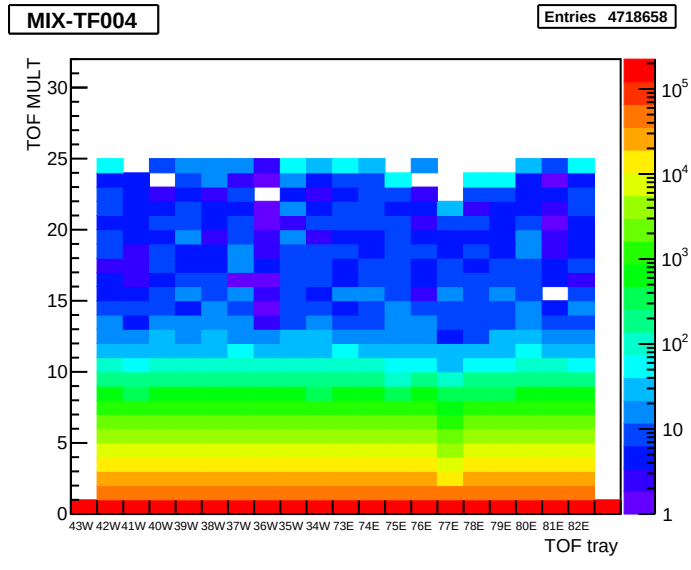

BunchId7Bit (Laser)
Entries 0

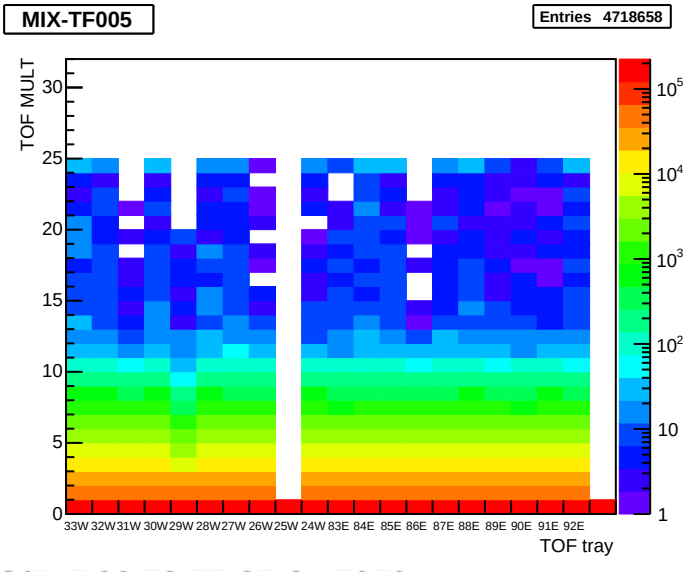

BunchId7Bit (TOFmult window)
Entries 8621

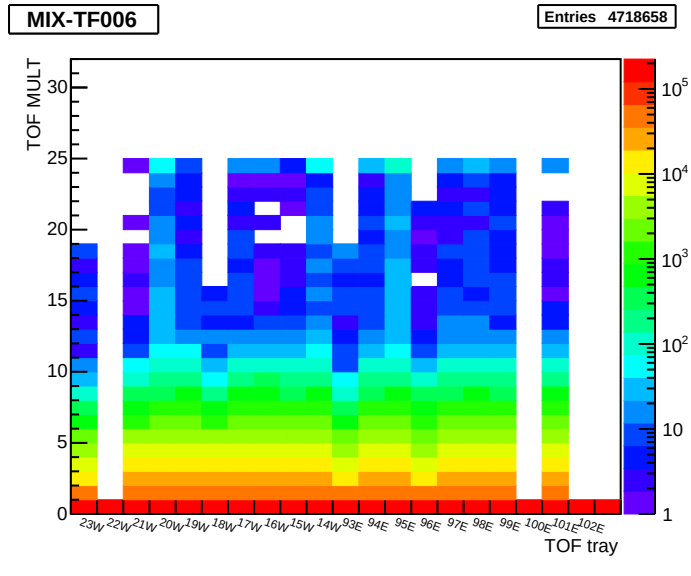

MIX-TF001
Entries 4718658
TOF MULT
TOF tray

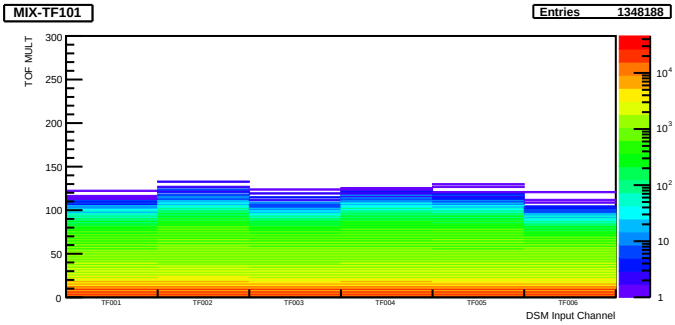

MIX-TF002
Entries 4718658
TOF MULT
TOF tray

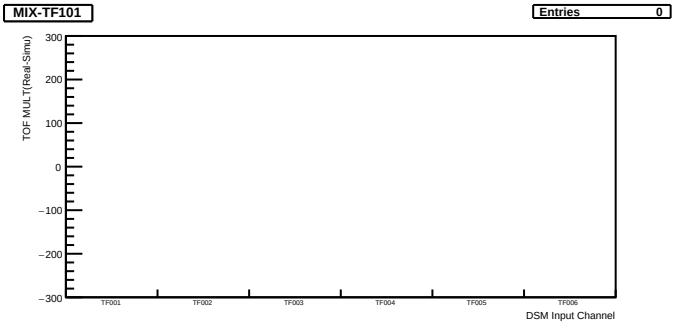

MIX-TF003
Entries 4718658
TOF MULT
TOF tray

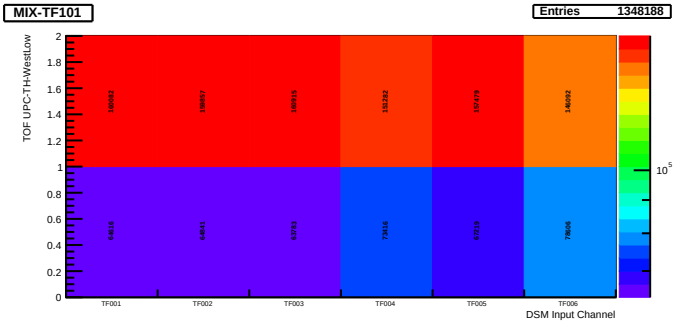

MIX-TF004
Entries 4718658
TOF MULT
TOF tray

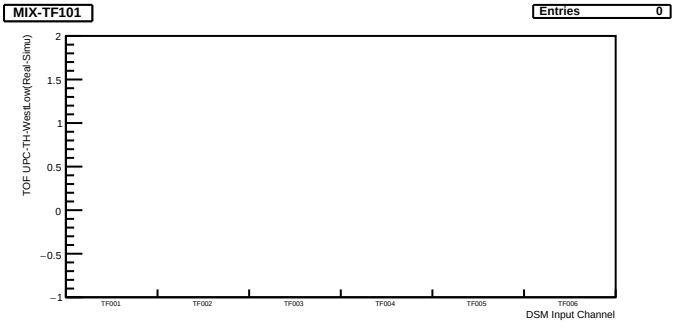

MIX-TF005
Entries 4718658
TOF MULT
TOF tray

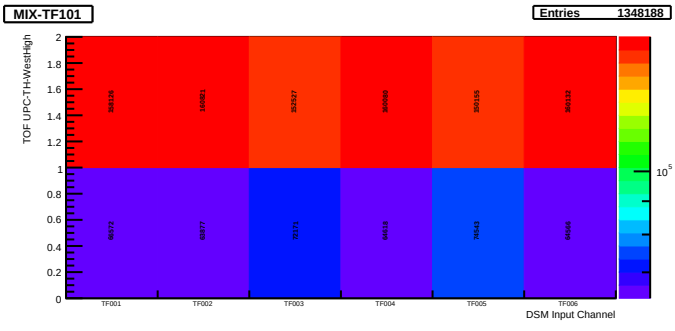

MIX-TF006
Entries 4718658
TOF MULT
TOF tray

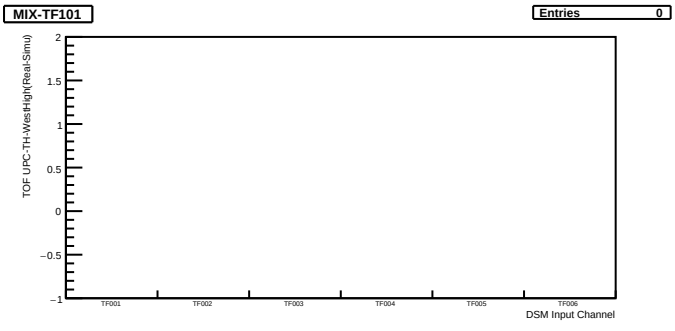

MIX-TF101
Entries 1348188
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

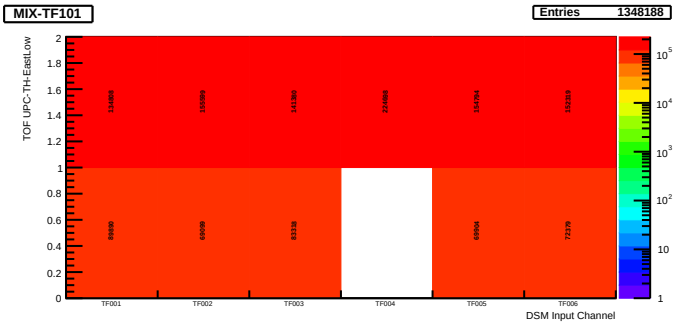

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

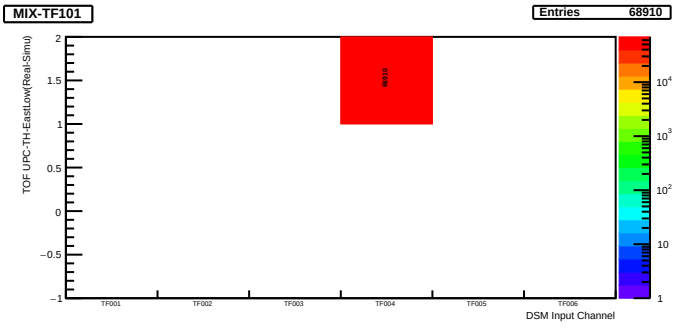

MIX-TF101
Entries 1348188
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

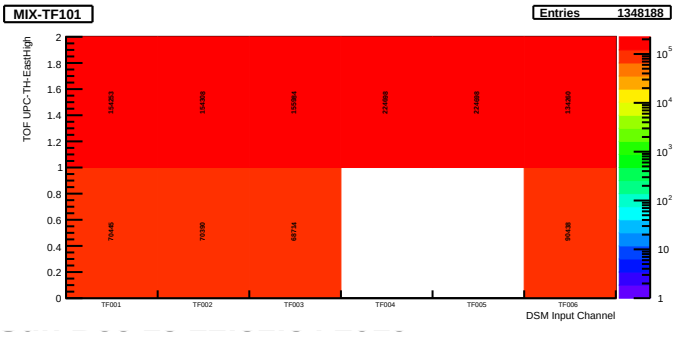

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

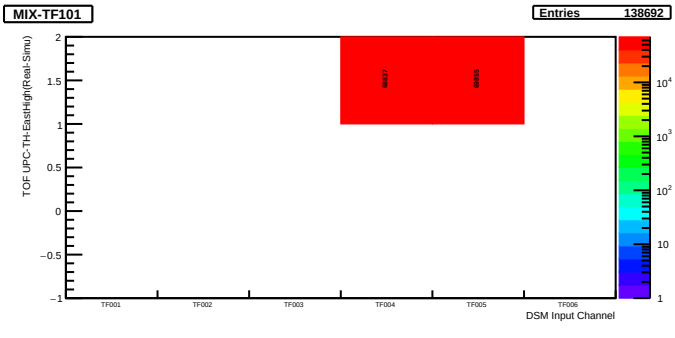

MIX-TF101
Entries 1348188
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

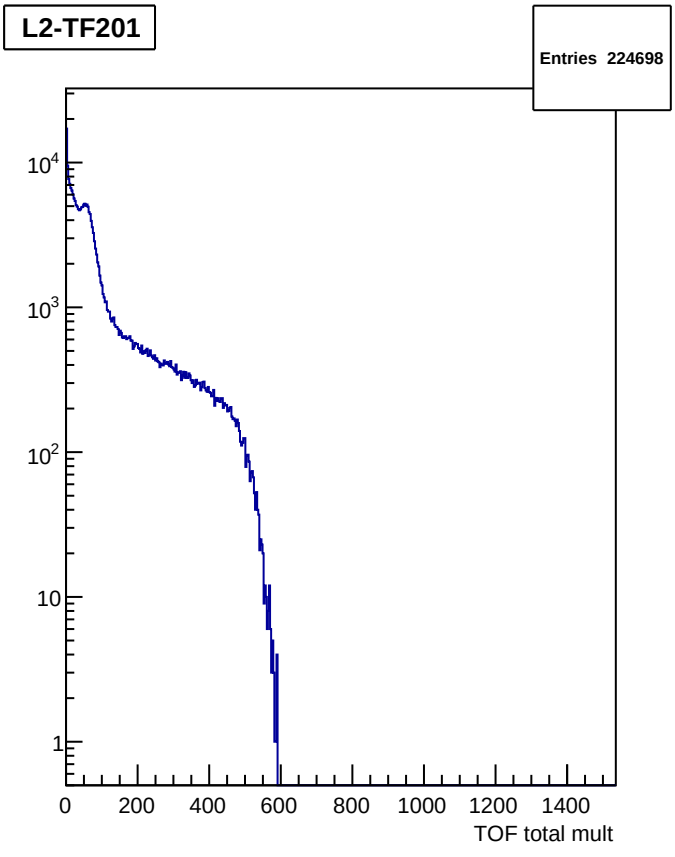

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

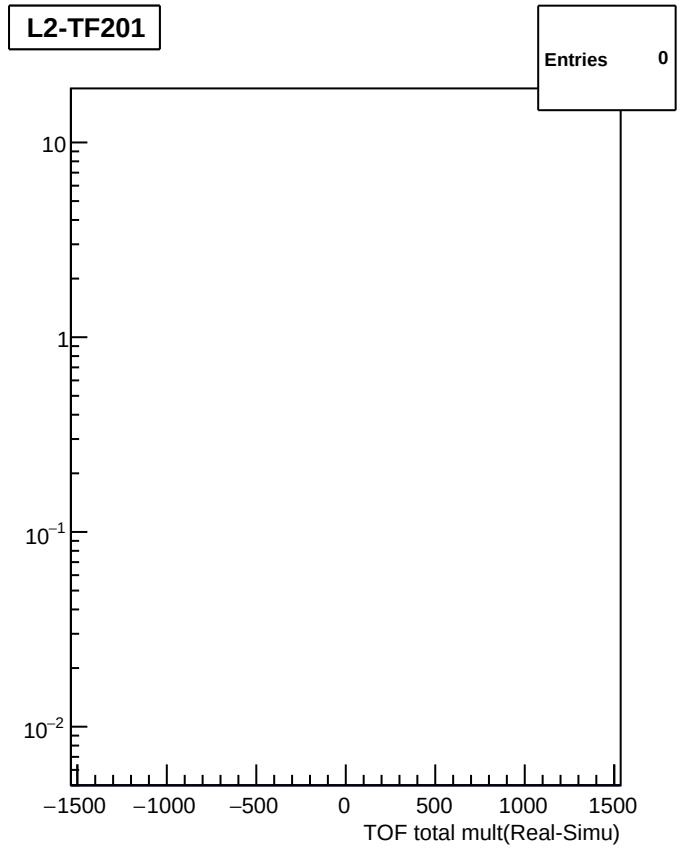

MIX-TF101
Entries 1348188
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

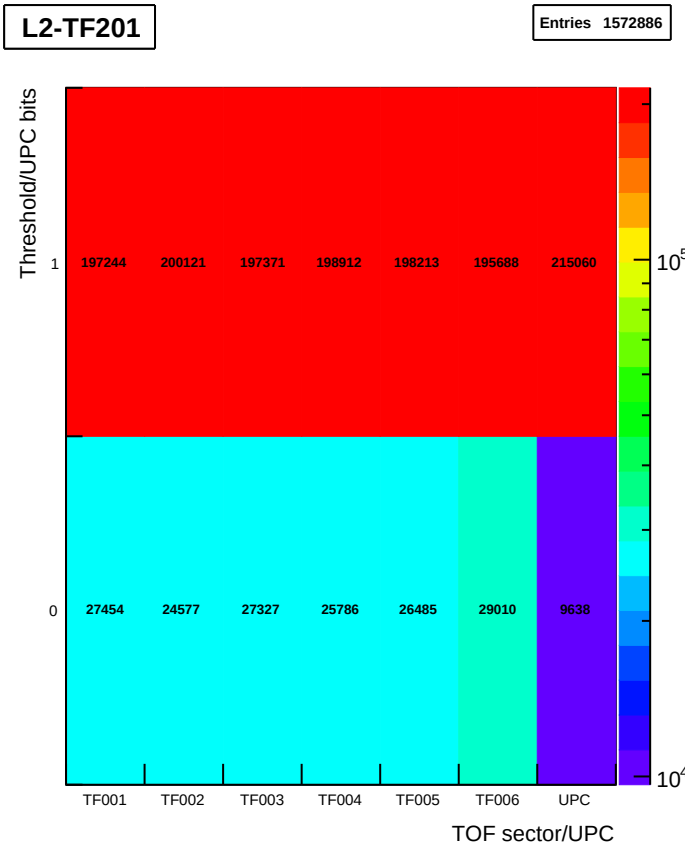

MIX-TF101
Entries 68910
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

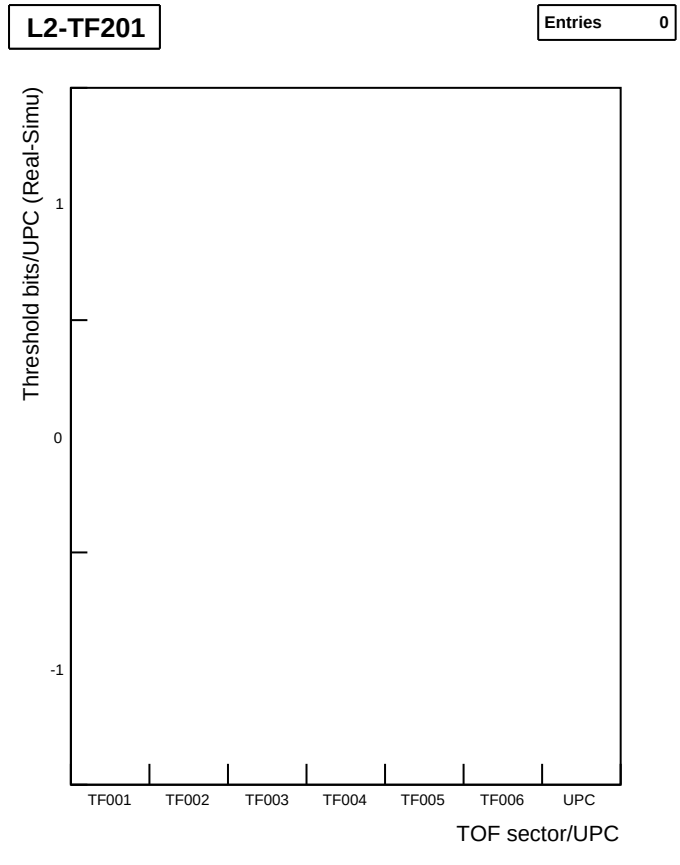

MIX-TF101
Entries 1348188
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

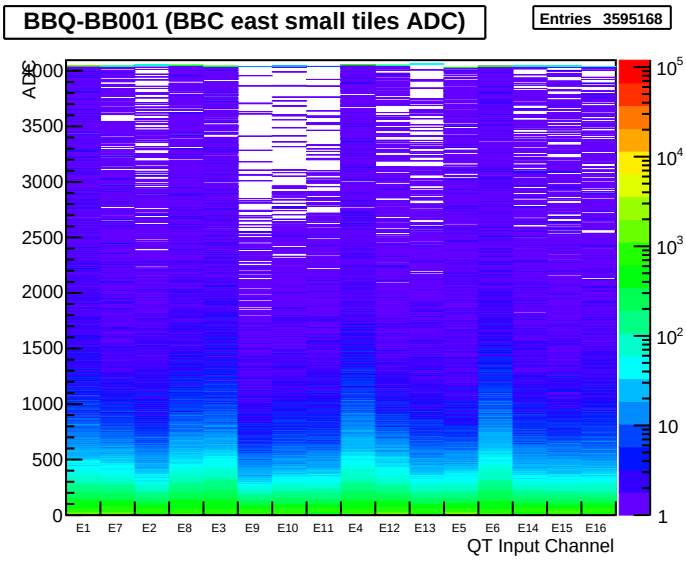

MIX-TF101
Entries 138692
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

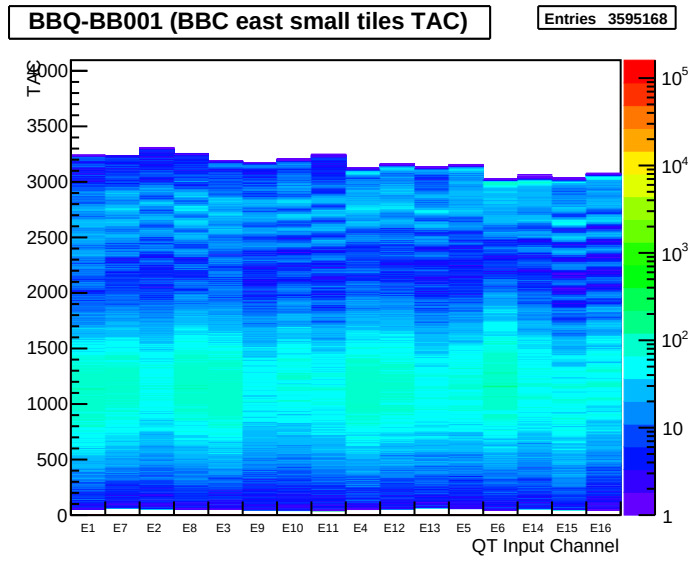

L2-TF201
Entries 224698
TOF total mult

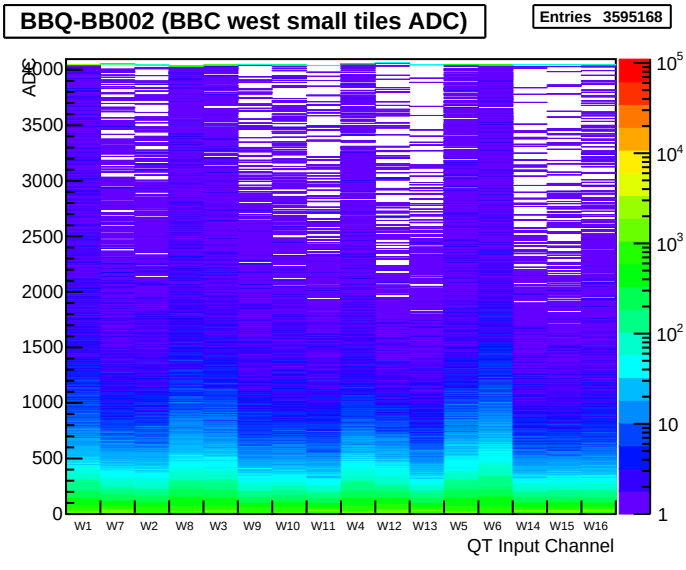

L2-TF201
Entries 0
TOF total mult(Real-Simu)

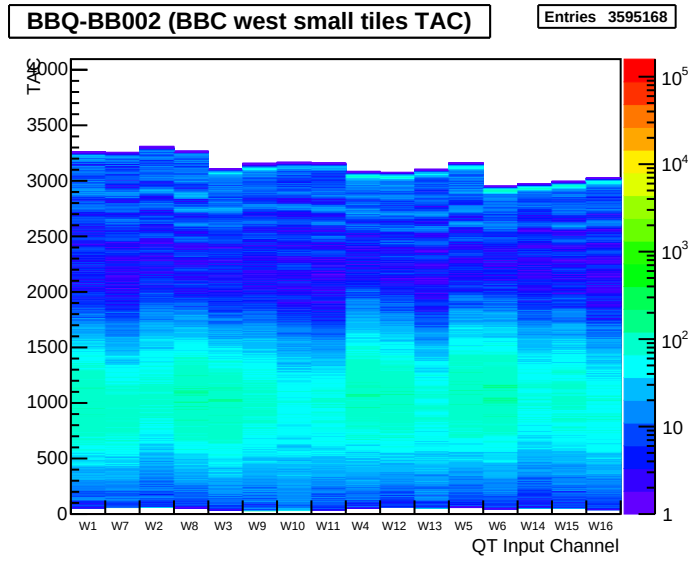

L2-TF201
Entries 1572886
Threshold/UPC bits
197244
200121
197371
198912
198213
195688
215060
27454
24577
27327
25786
26485
29010
9638
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

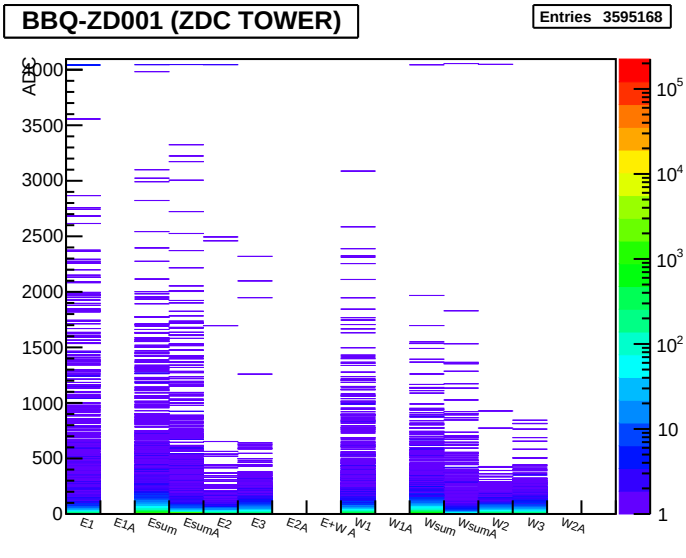

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

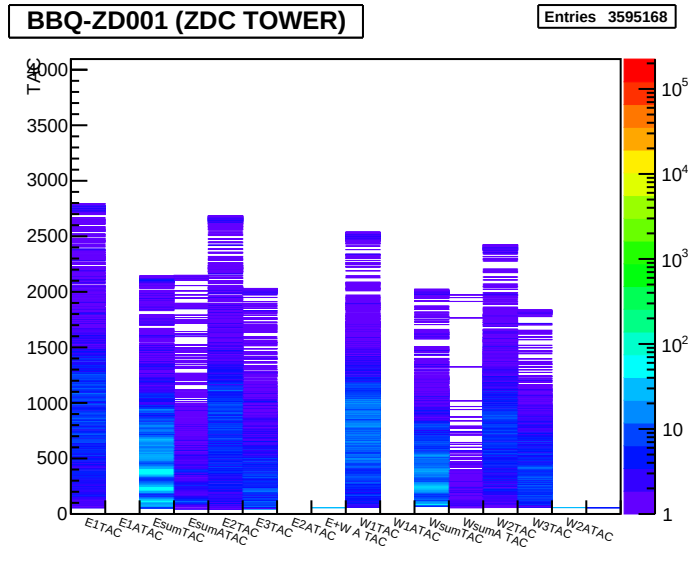

BBQ-BB001 (BBC east small tiles ADC)
Entries 3595168
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

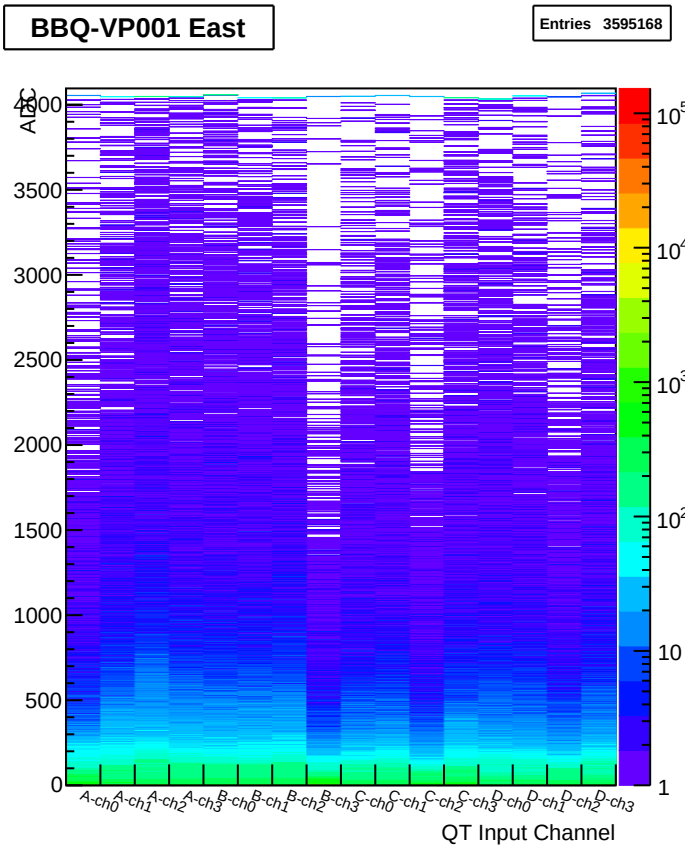

BBQ-BB001 (BBC east small tiles TAC)
Entries 3595168
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

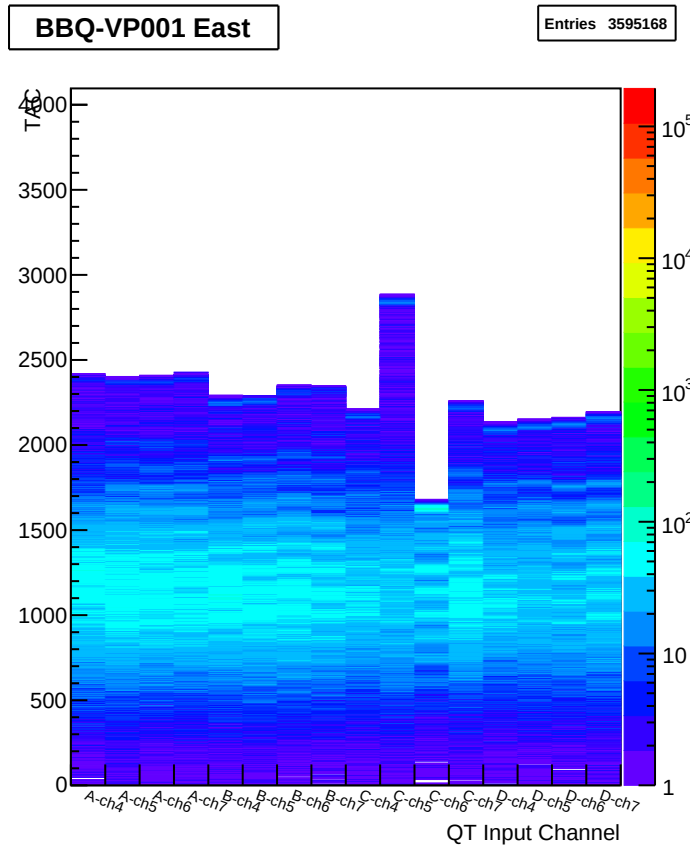

BBQ-BB002 (BBC west small tiles ADC)
Entries 3595168
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

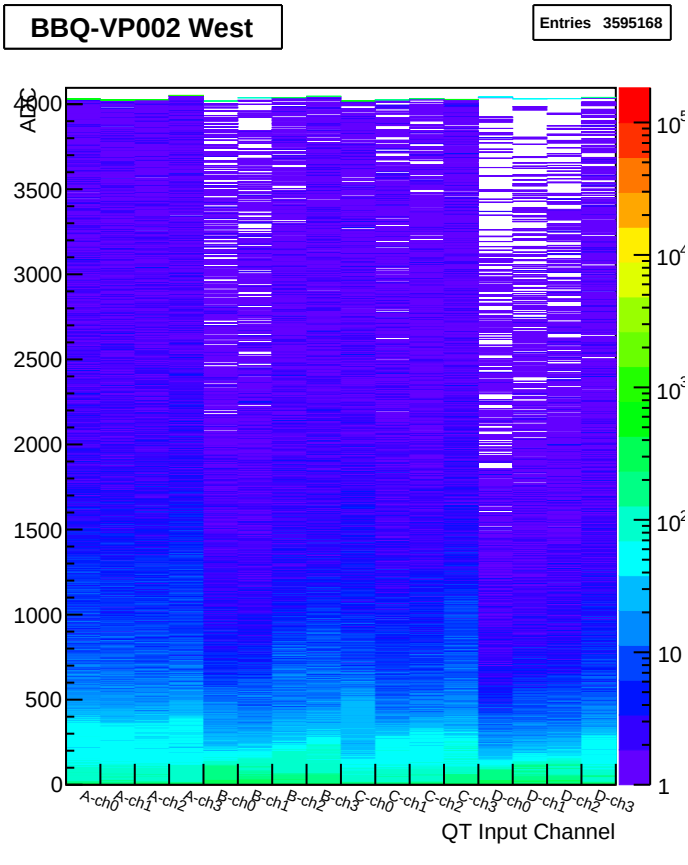

BBQ-BB002 (BBC west small tiles TAC)
Entries 3595168
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

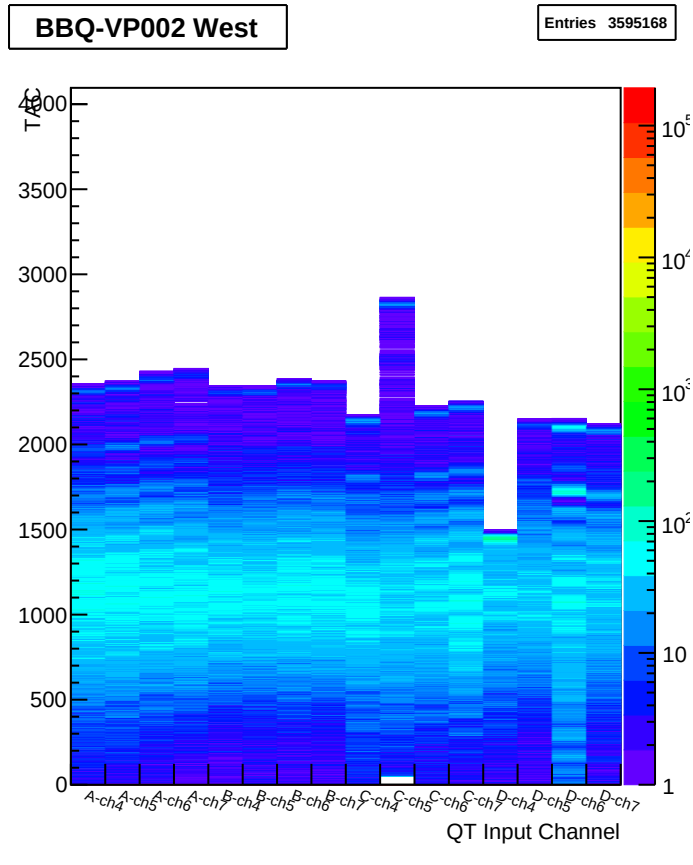

BBQ-ZD001 (ZDC TOWER)
Entries 3595168
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

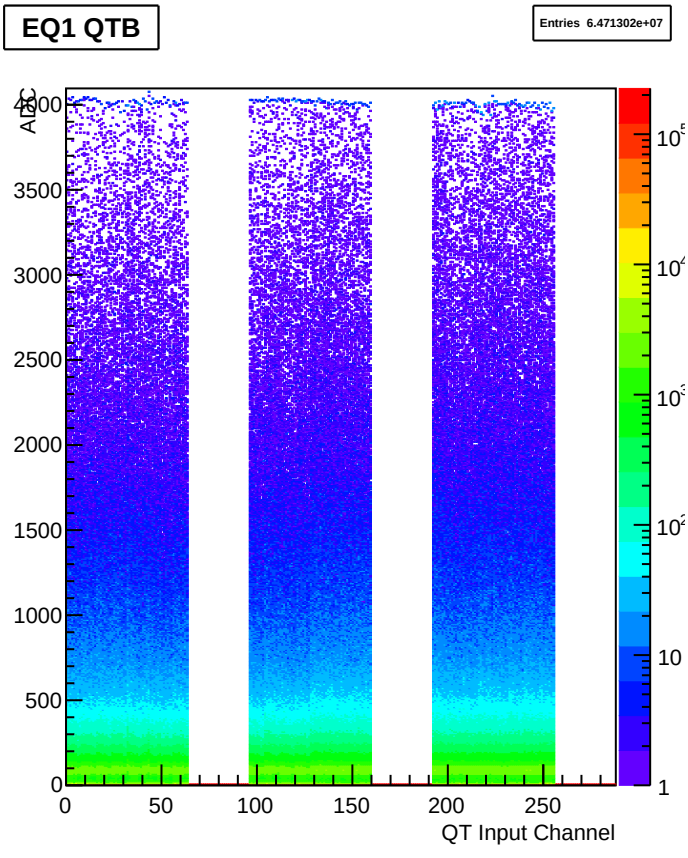

BBQ-ZD001 (ZDC TOWER)
Entries 3595168
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

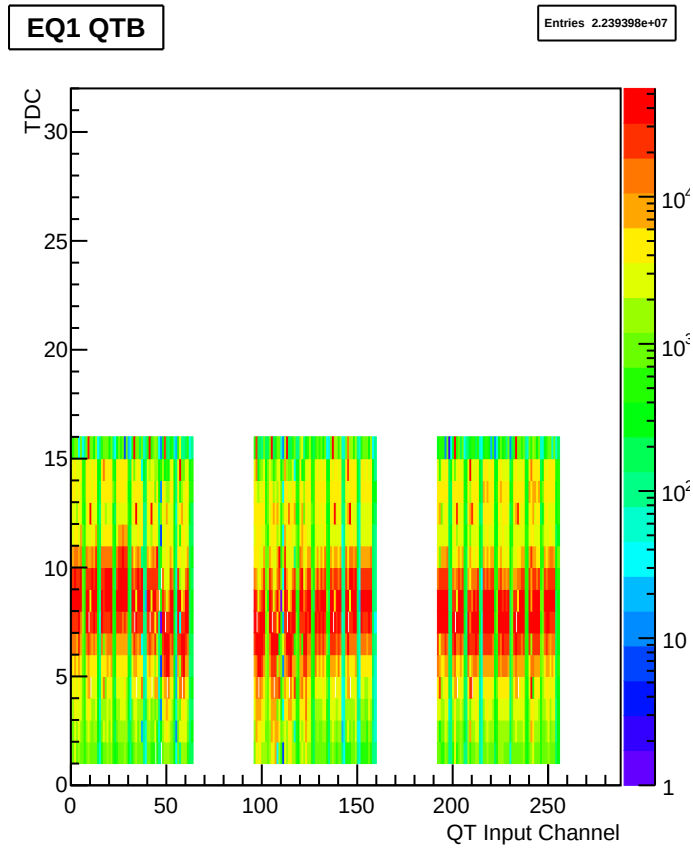

BBQ-VP001 East
Entries 3595168
ADC
QT Input Channel

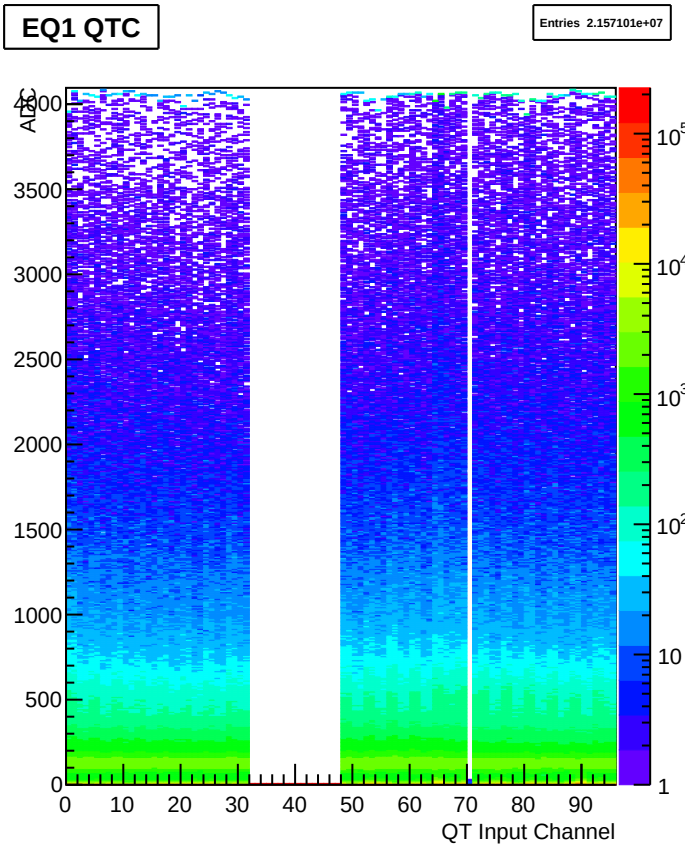

BBQ-VP001 East
Entries 3595168
TADC
QT Input Channel

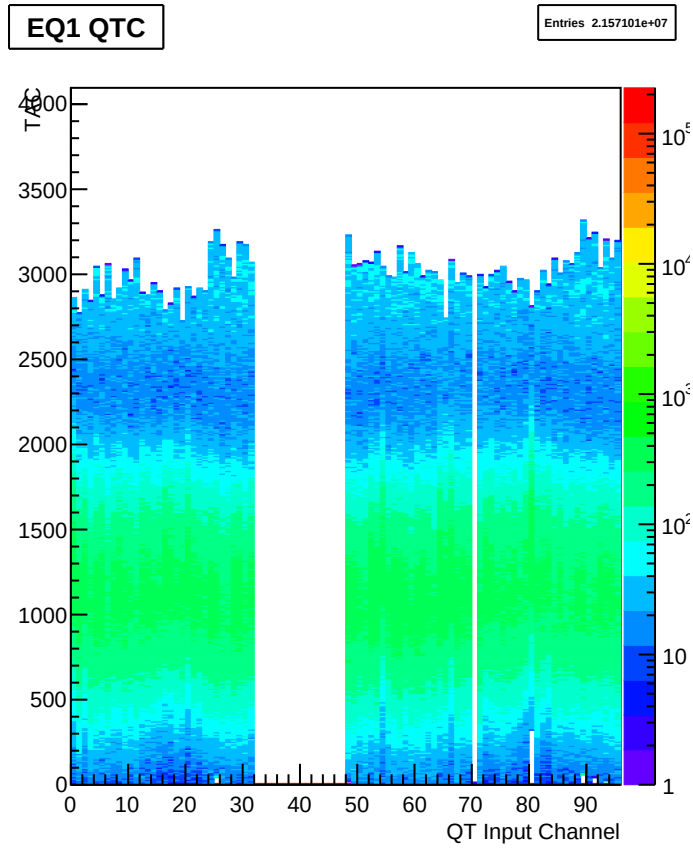

BBQ-VP002 West
Entries 3595168
ADC
QT Input Channel

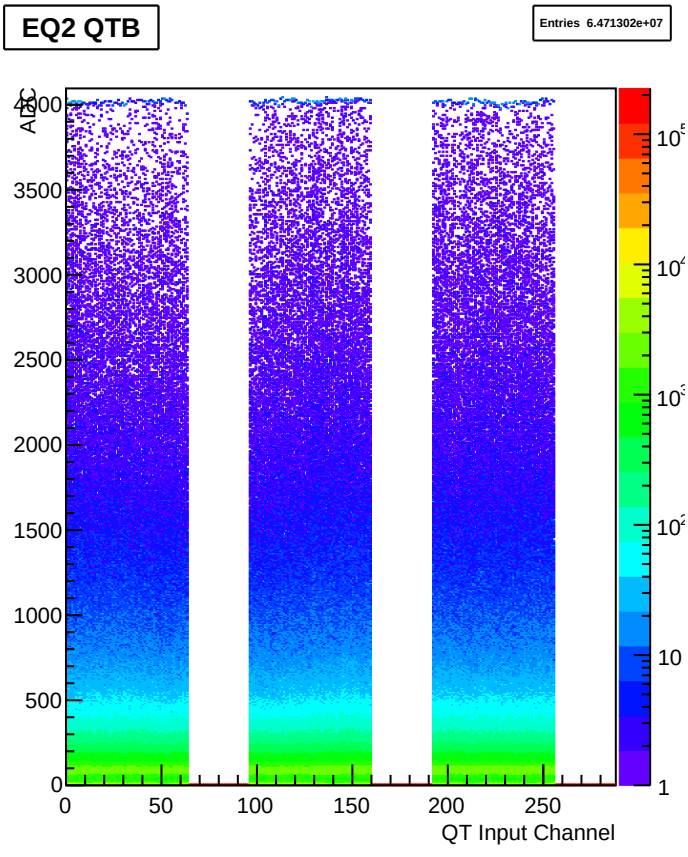

BBQ-VP002 West
Entries 3595168
TADC
QT Input Channel

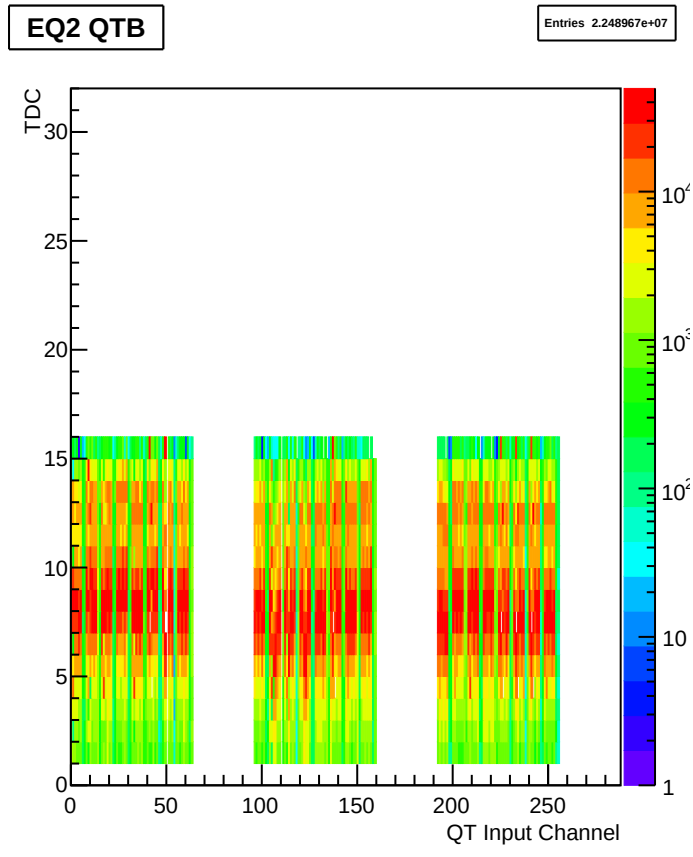

EQ1 QTB
Entries 6.471302e+07
ADC
QT Input Channel

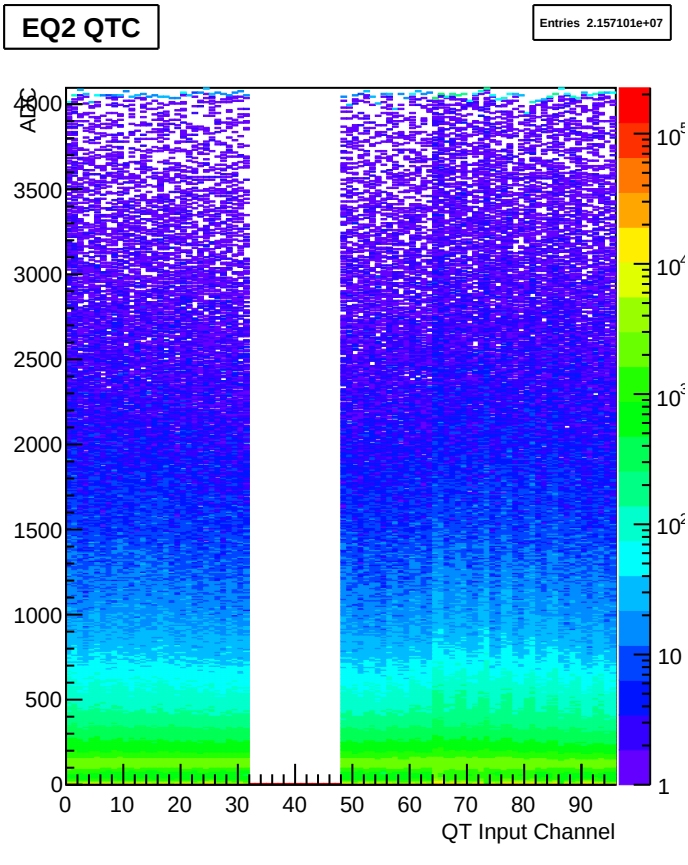

EQ1 QTB
Entries 2.239398e+07
TDC
QT Input Channel

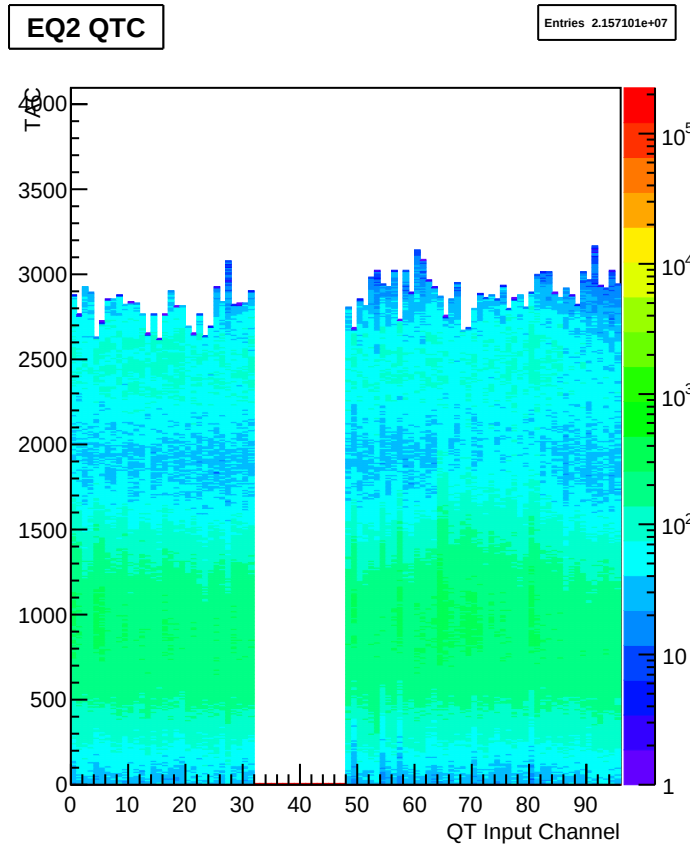

EQ1 QTC
Entries 2.157101e+07
ADC
QT Input Channel

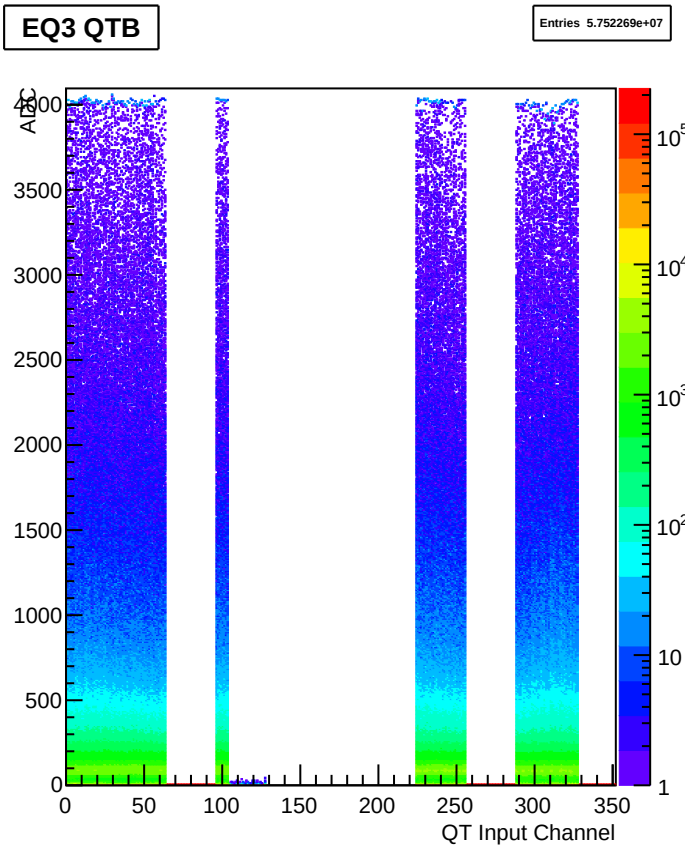

EQ1 QTC
Entries 2.157101e+07
TADC
QT Input Channel

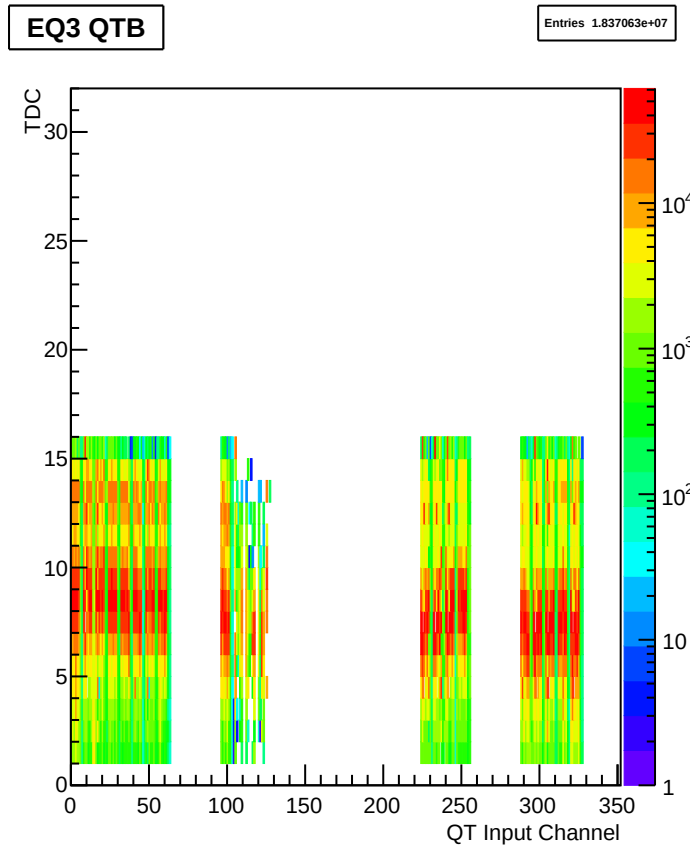

EQ2 QTB
Entries 6.471302e+07
ADC
QT Input Channel

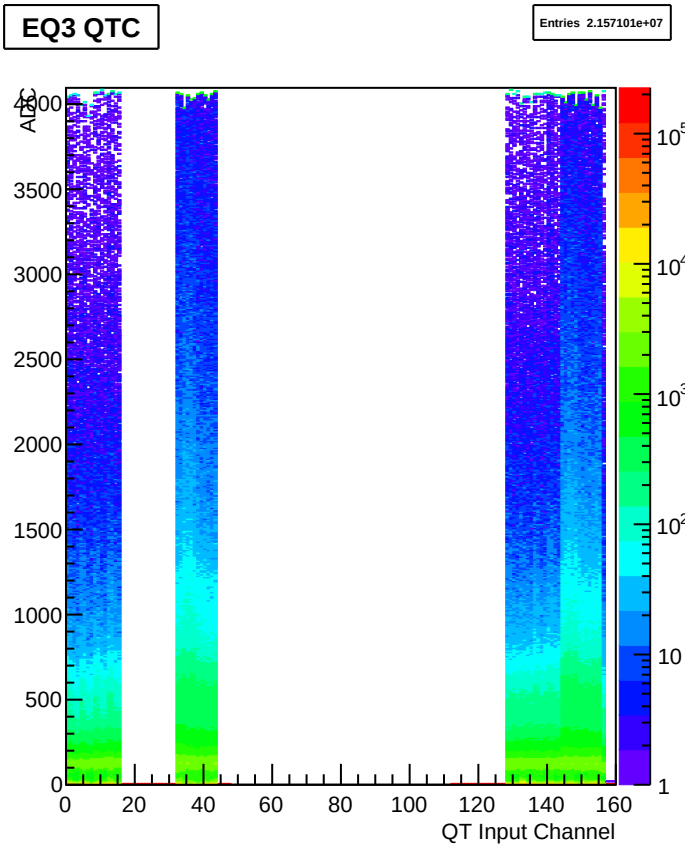

EQ2 QTB
Entries 2.248967e+07
TDC
QT Input Channel

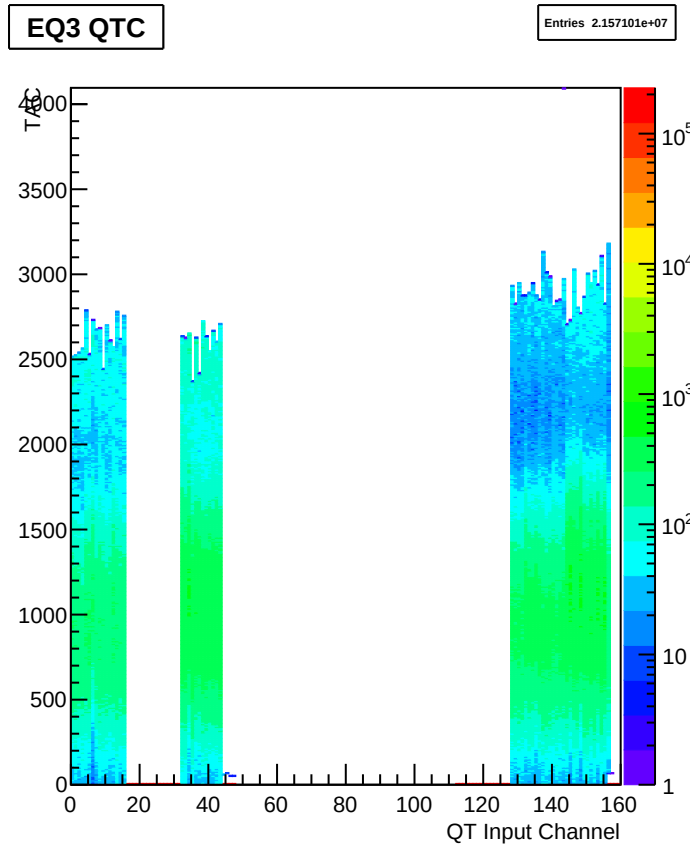

EQ2 QTC
Entries 2.157101e+07
ADC
QT Input Channel

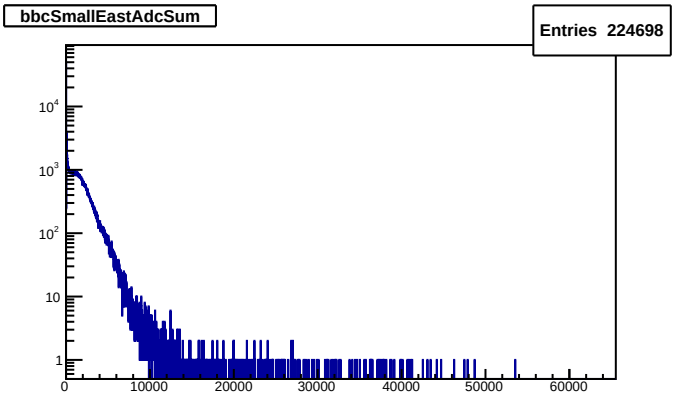

EQ2 QTC
Entries 2.157101e+07
TADC
QT Input Channel

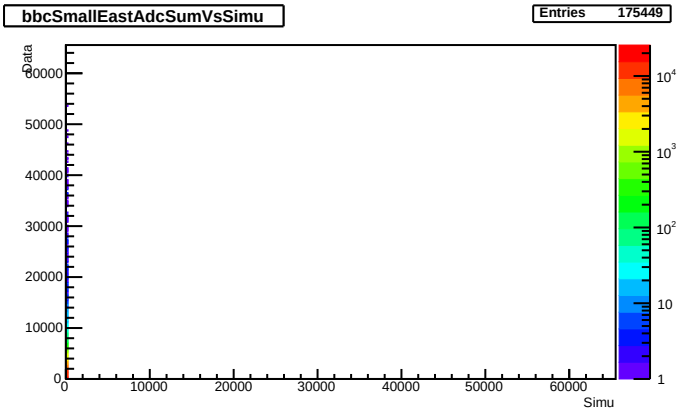

EQ3 QTB
Entries 5.752269e+07
ADC
QT Input Channel

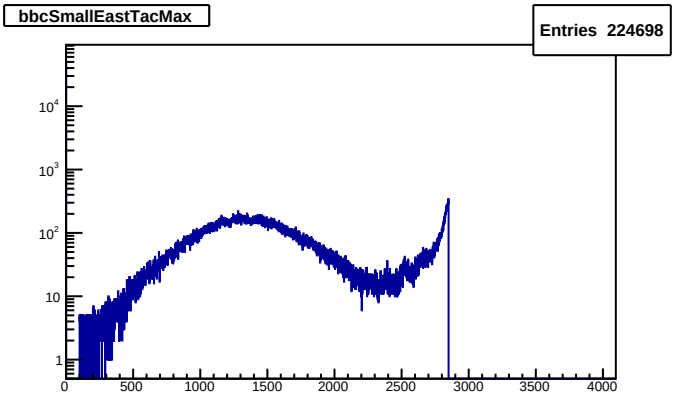

EQ3 QTB
Entries 1.837063e+07
TDC
QT Input Channel

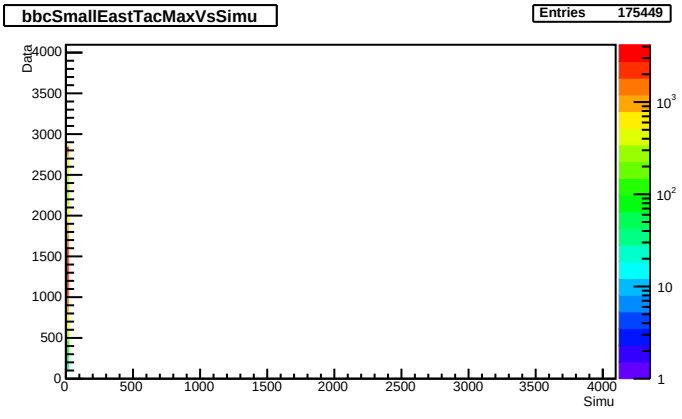

EQ3 QTC
Entries 2.157101e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.157101e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 224698


bbcSmallEastAdcSumVsSimu
Entries 175449
Data
Simu


bbcSmallEastTacMax
Entries 224698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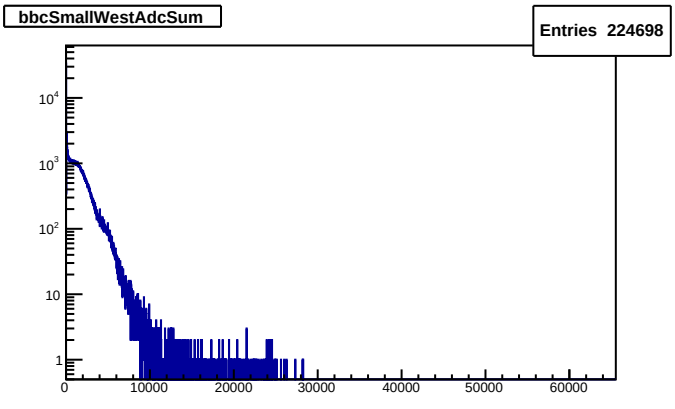
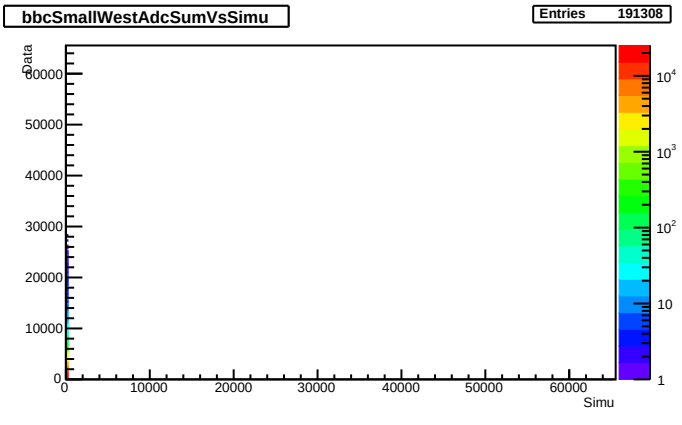
Entries 175449
Data
Simu


bbcSmallWestAdcSum
Entries 224698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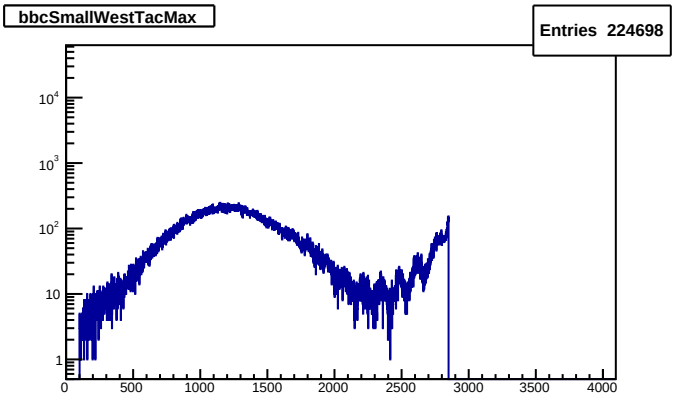
Entries 191308
Data
Simu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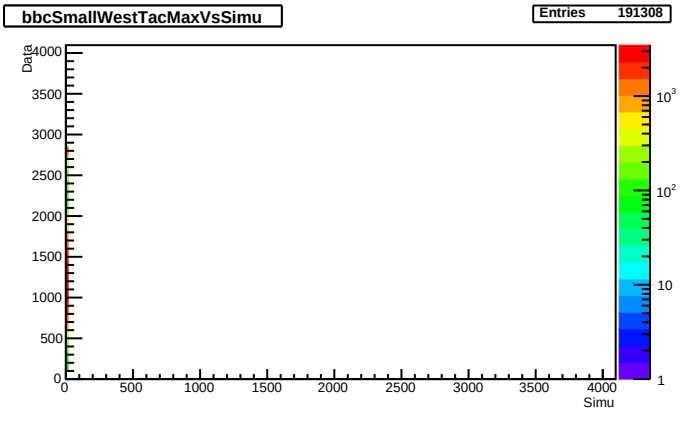
Entries 224698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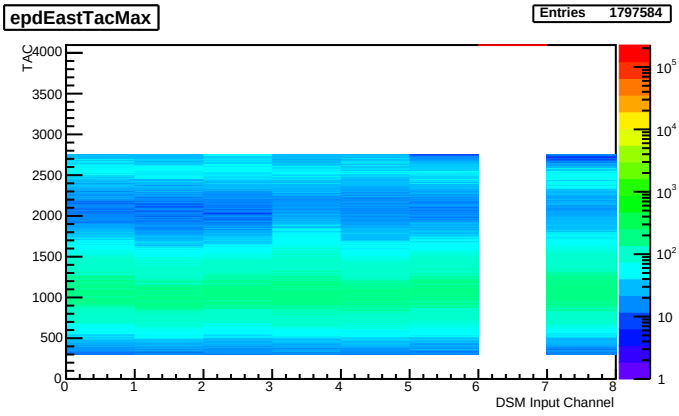
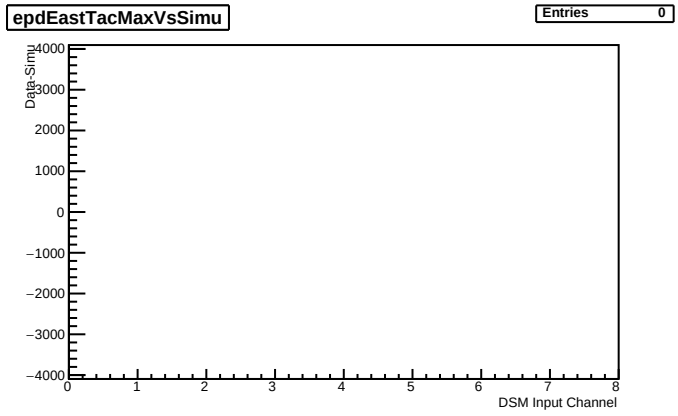
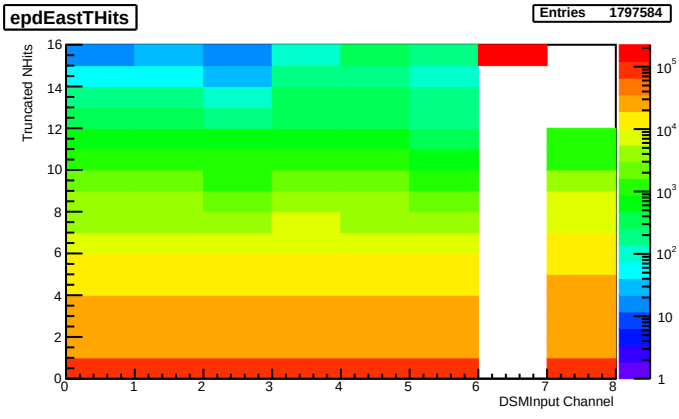
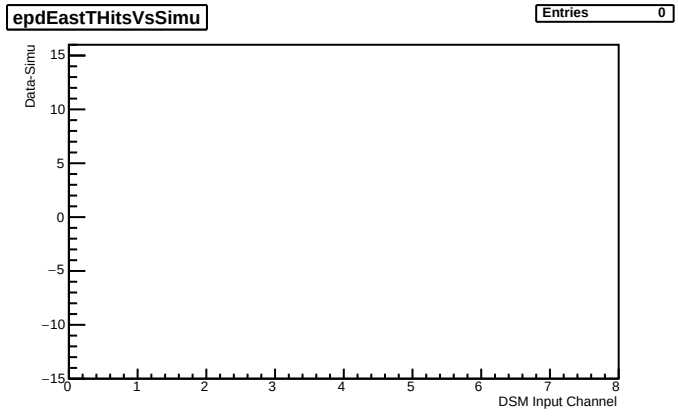
Entries 191308
Data
Simu


epdEastTacMax
Entries 1797584
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1797584
Truncated NHits
DSMInput Channel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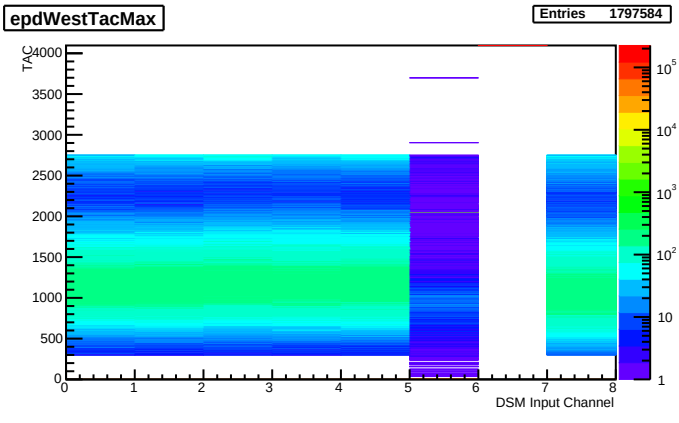
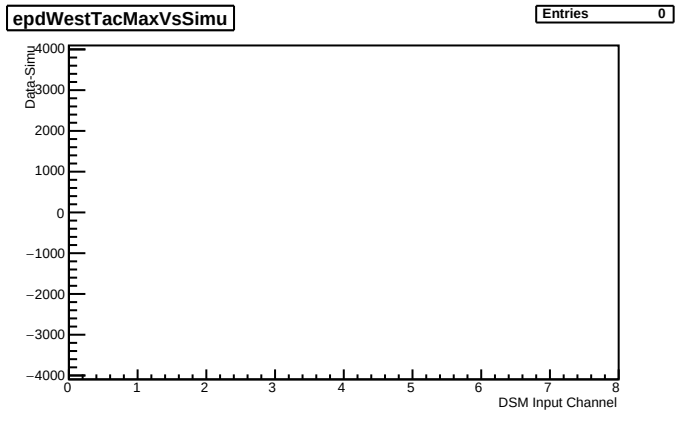
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1797584
TAC
DSM Input Channel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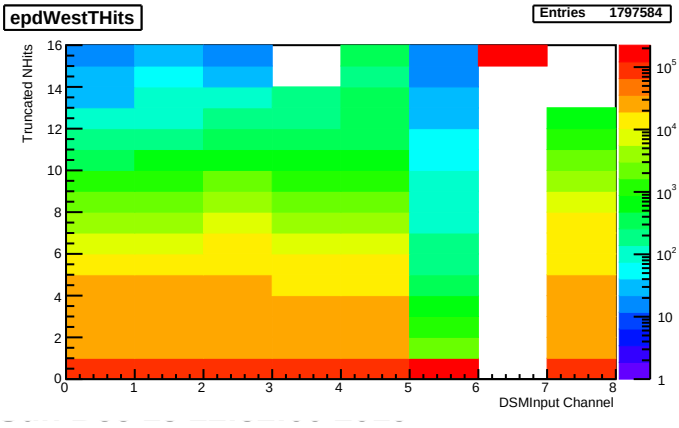
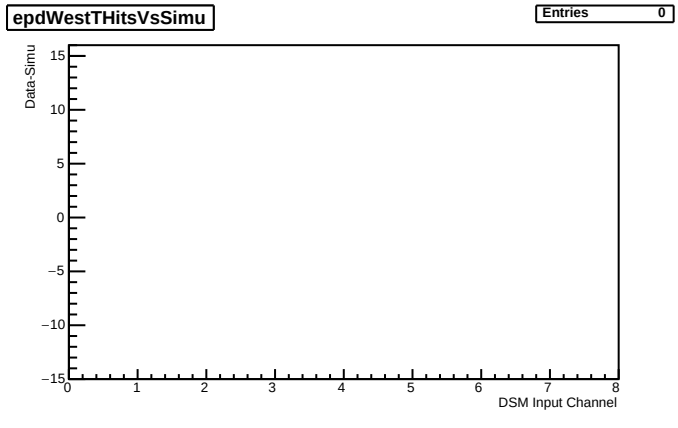
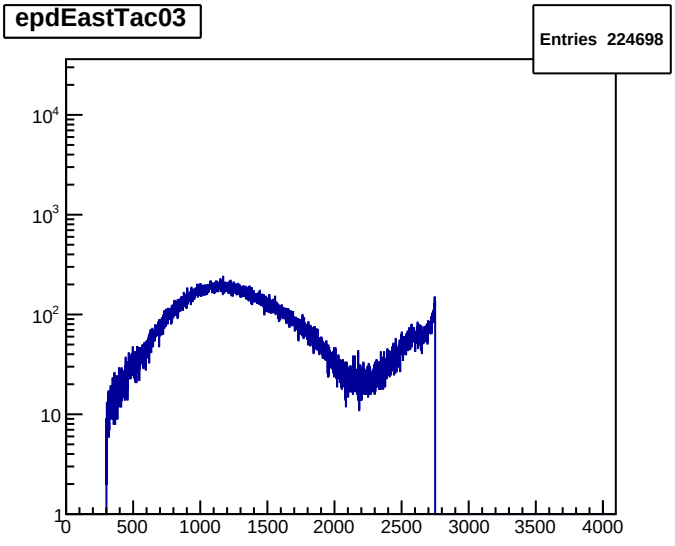
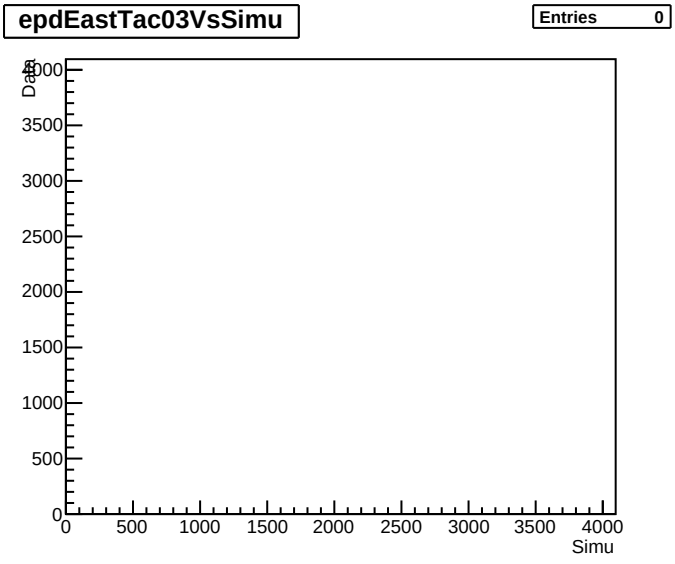
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1797584
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 224698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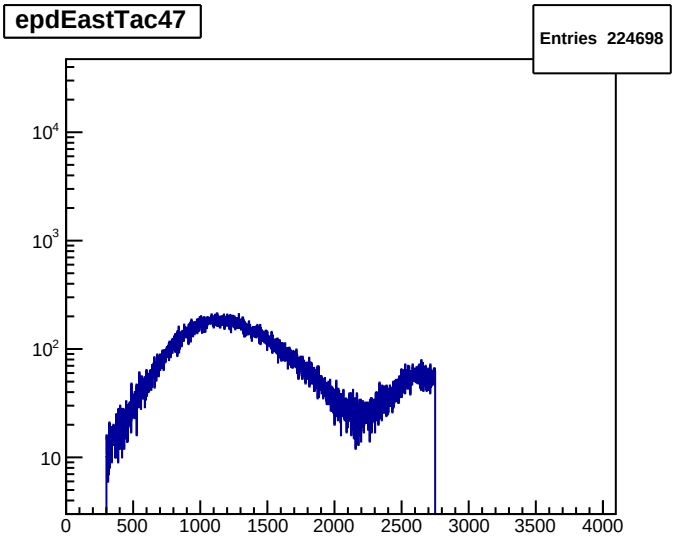
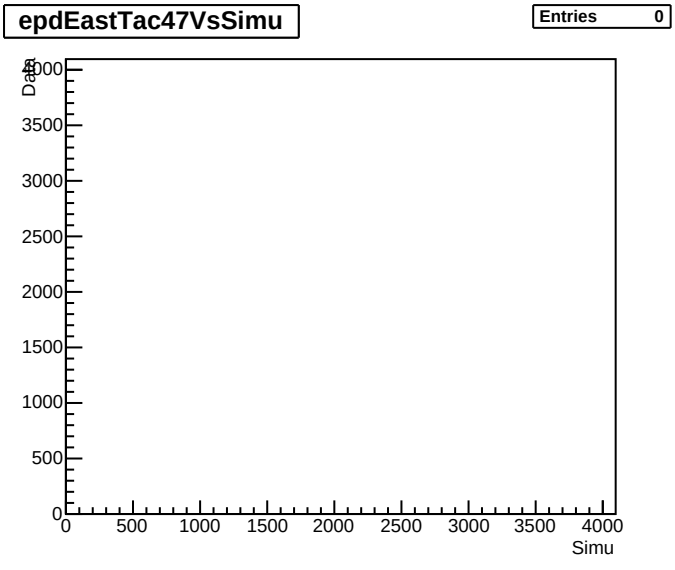
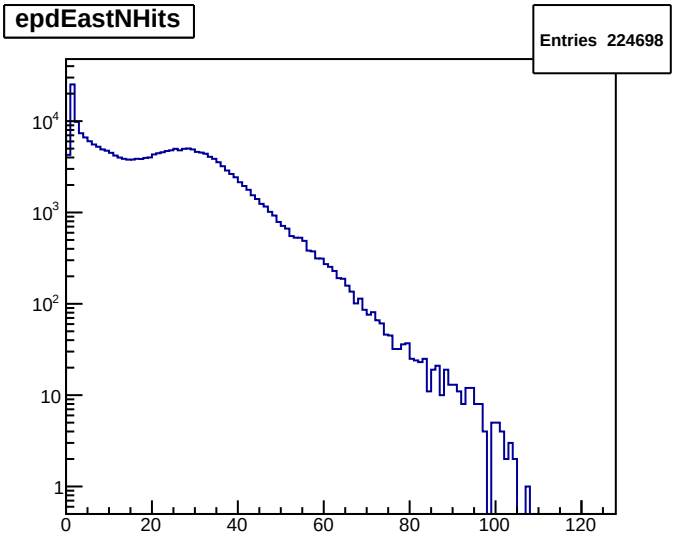
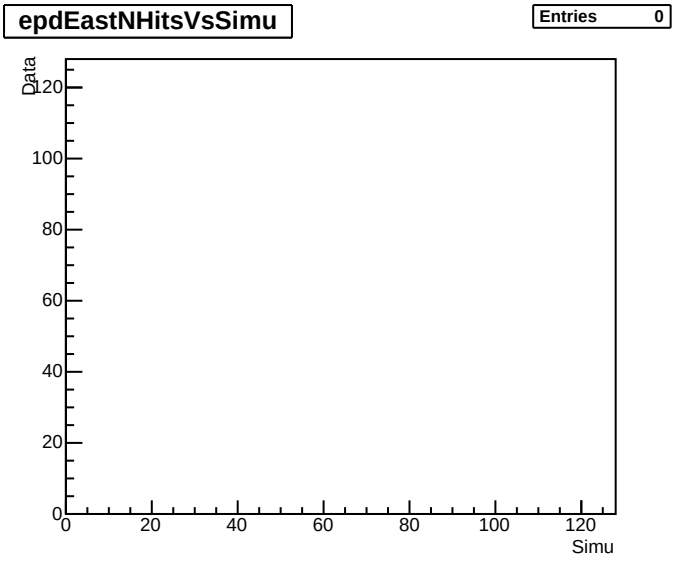
Entries 0
Data
Simu


epdEastTac47
Entries 224698


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 224698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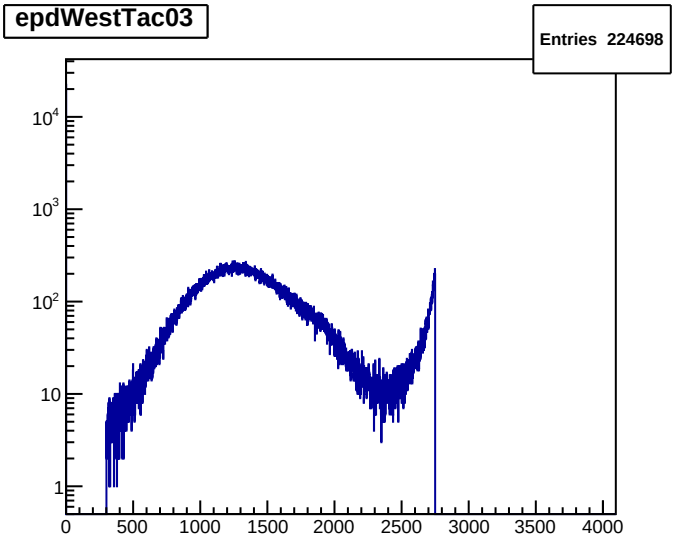
Entries 0
Data
Simu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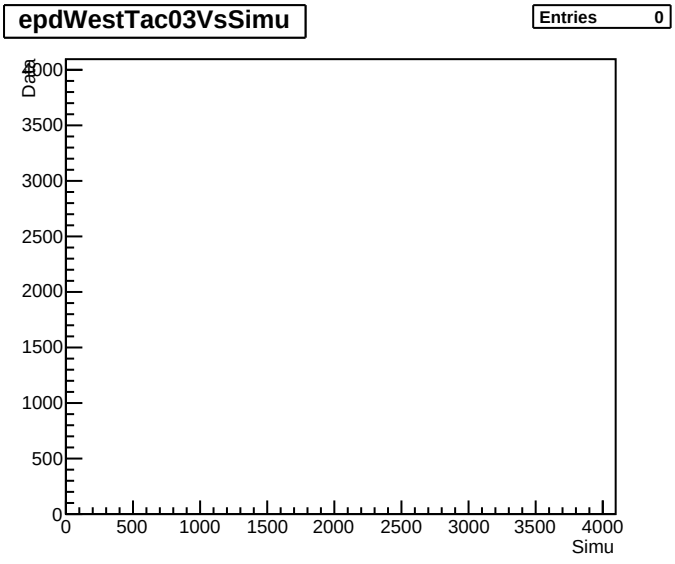
Entries 224698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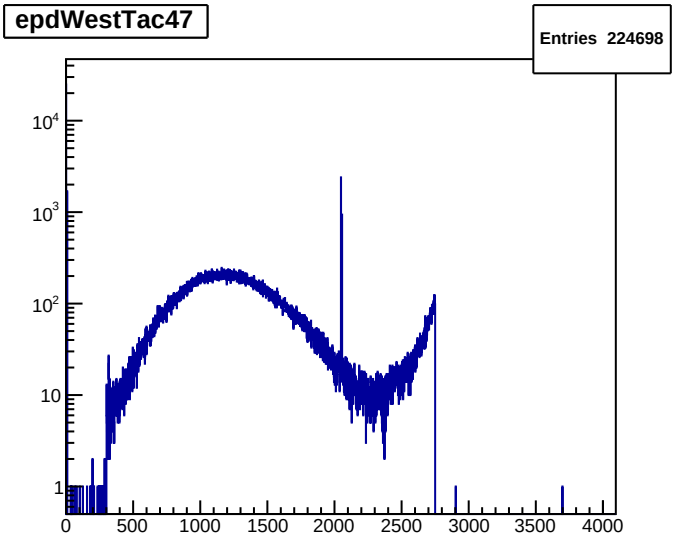
Entries 0
Data
Simu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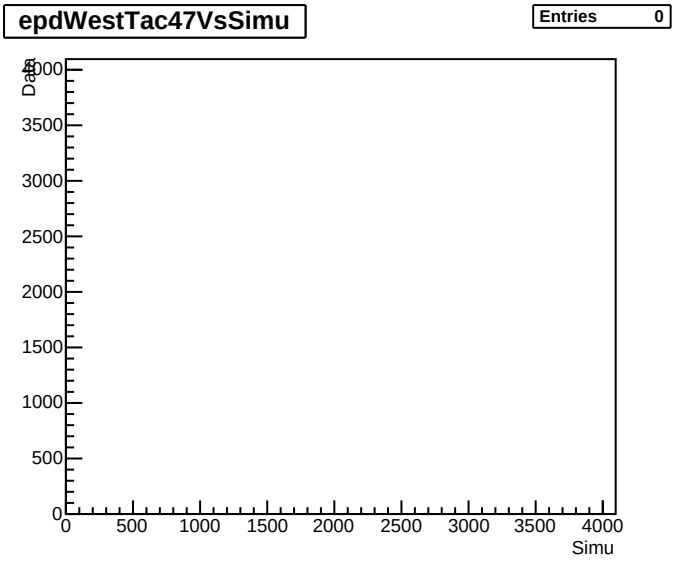
Entries 224698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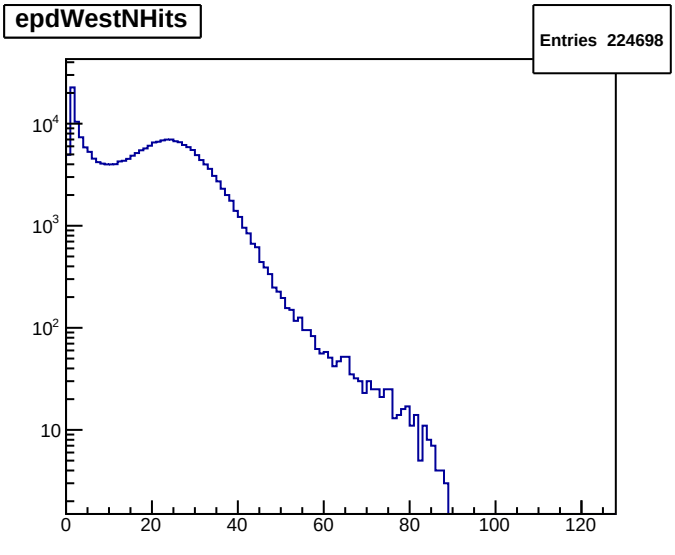
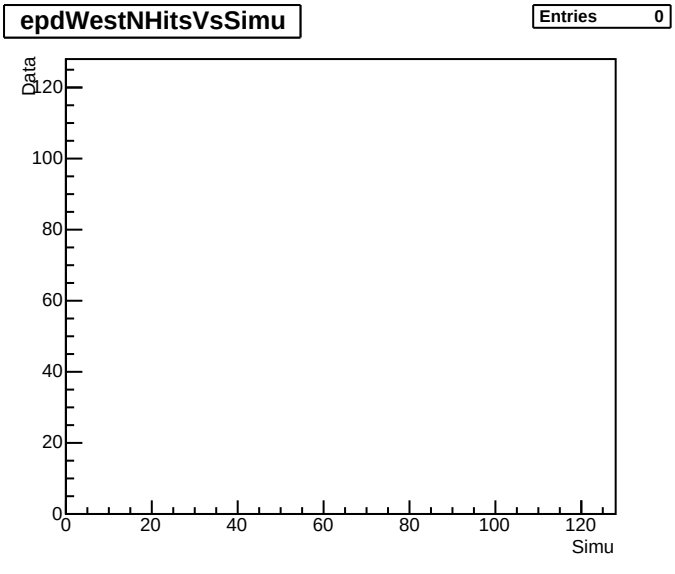
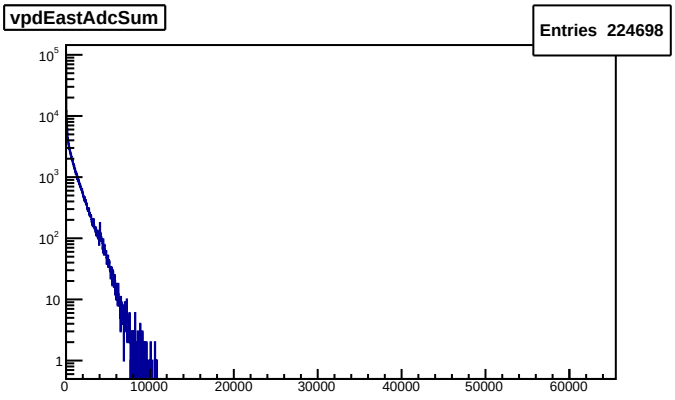
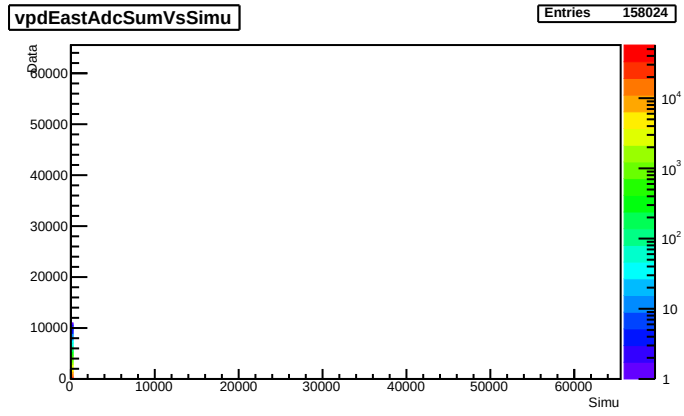
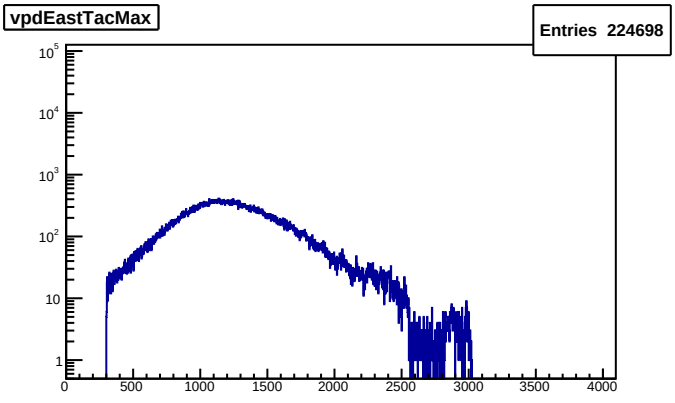
Entries 0
Data
Simu

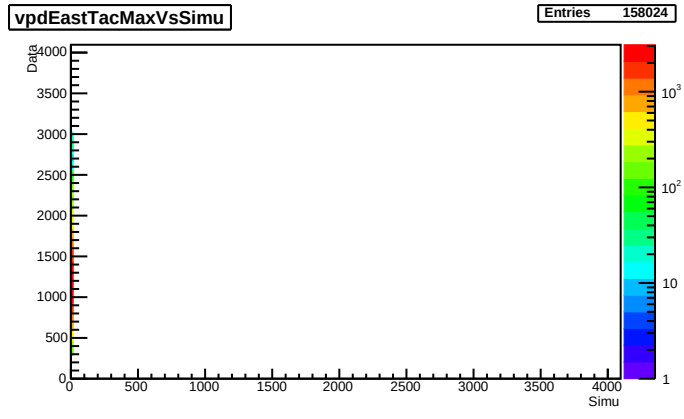

epdWestNHits
Entries 224698

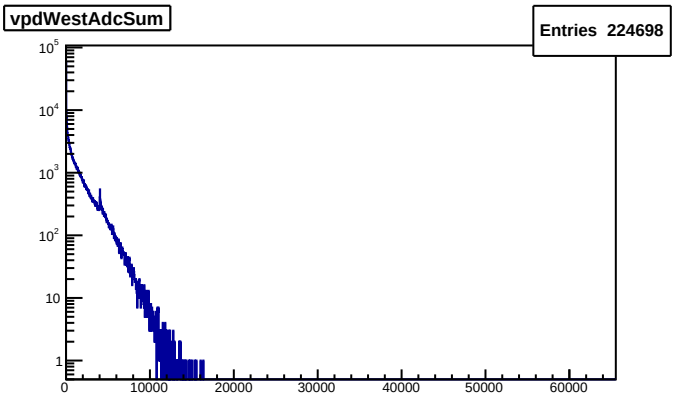

epdWestNHitsVsSimu
Entries 0
Data
Simu

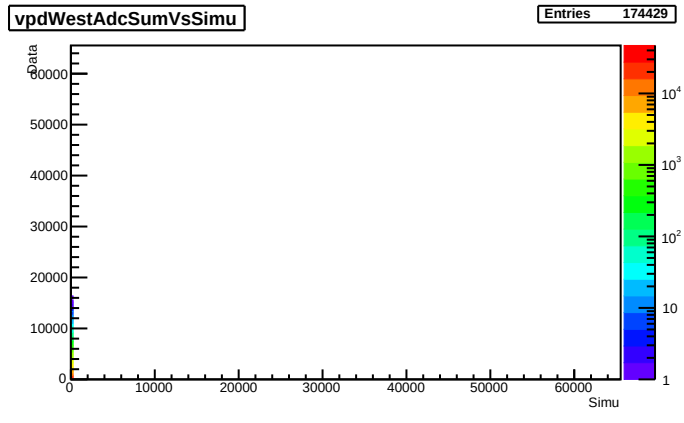

vpdEastAdcSum
Entries 224698

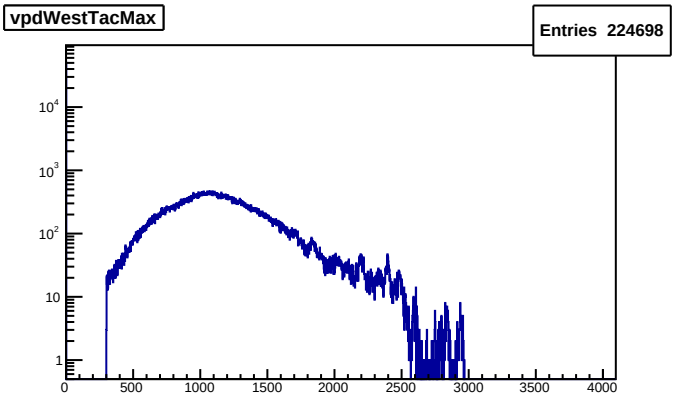

vpdEastAdcSumVsSimu
Entries 158024
Data
Simu

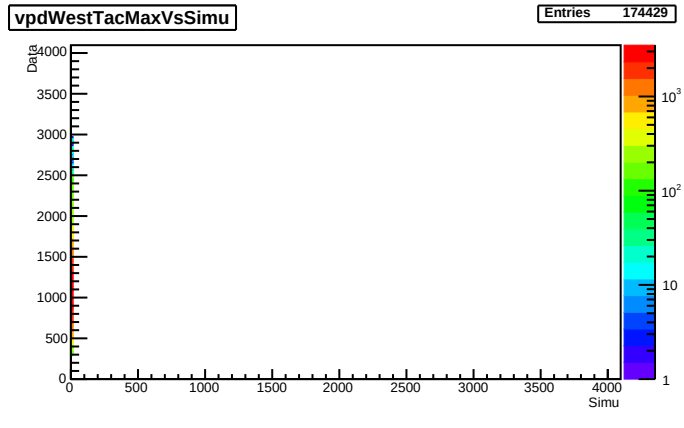

vpdEastTacMax
Entries 224698

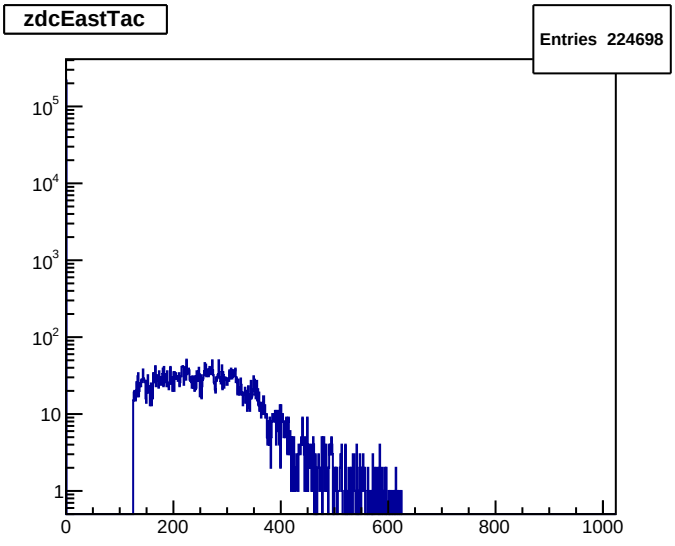

vpdEastTacMaxVsSimu
Entries 158024
Data
Simu

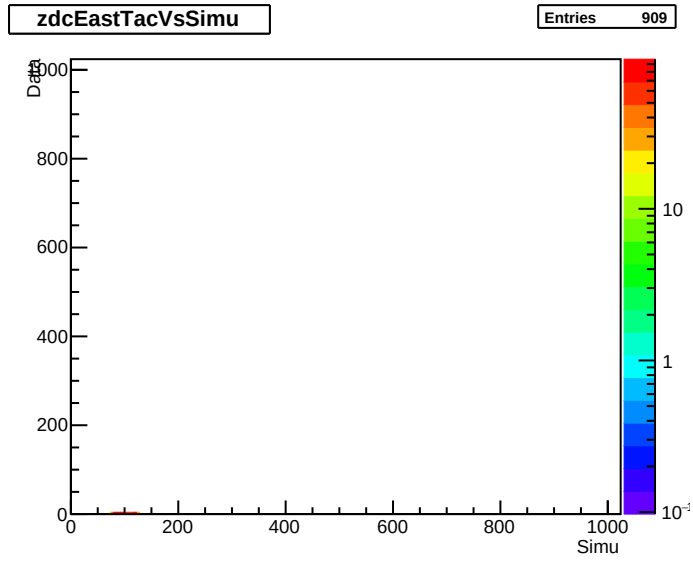

vpdWestAdcSum
Entries 224698

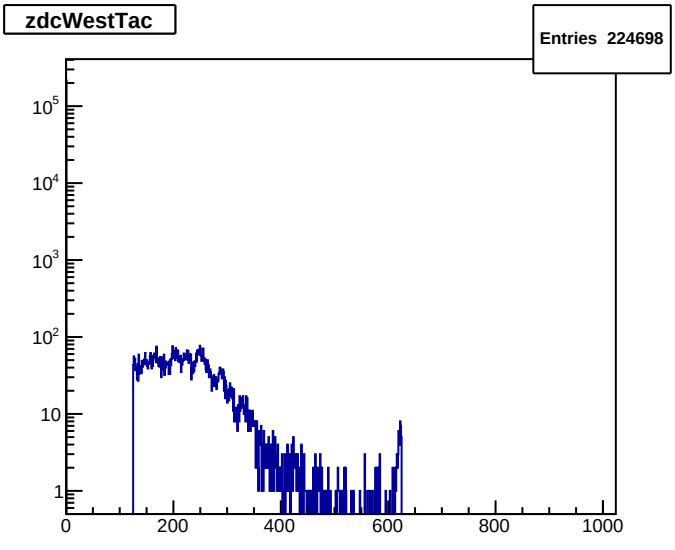

vpdWestAdcSumVsSimu
Entries 174429
Data
Simu

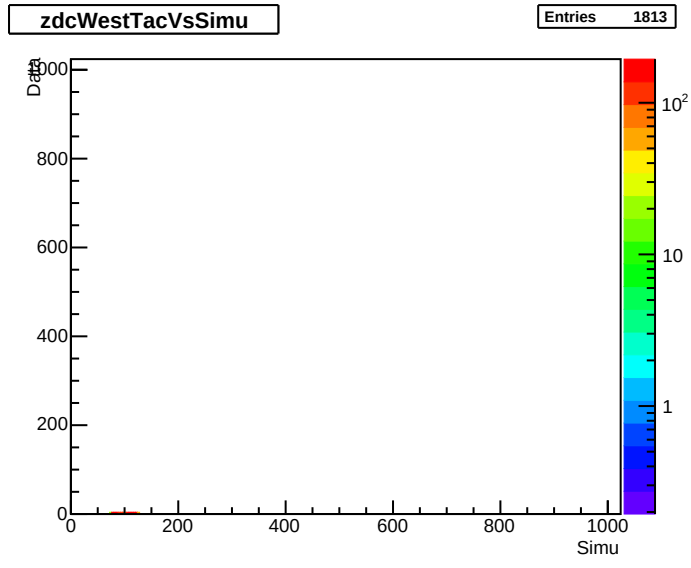

vpdWestTacMax
Entries 224698

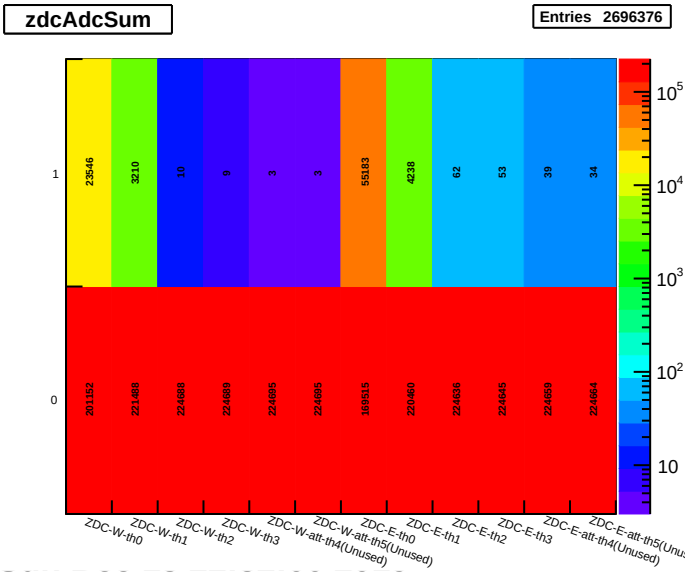

vpdWestTacMaxVsSimu
Entries 174429
Data
Simu

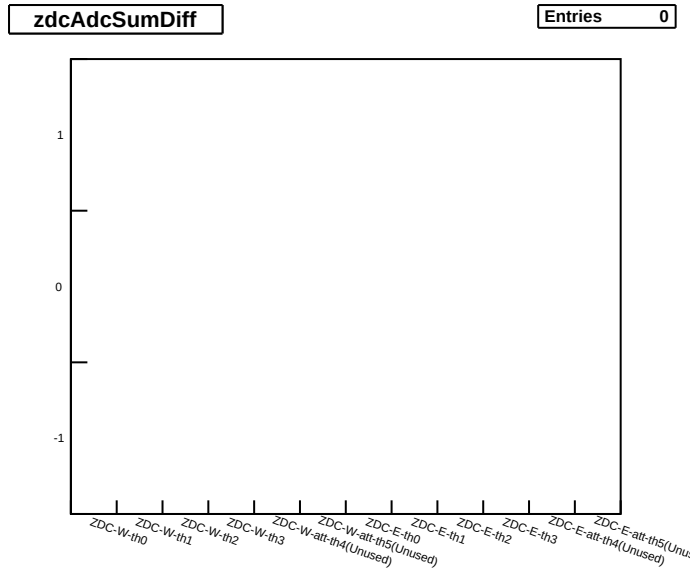

zdcEastTac
Entries 224698

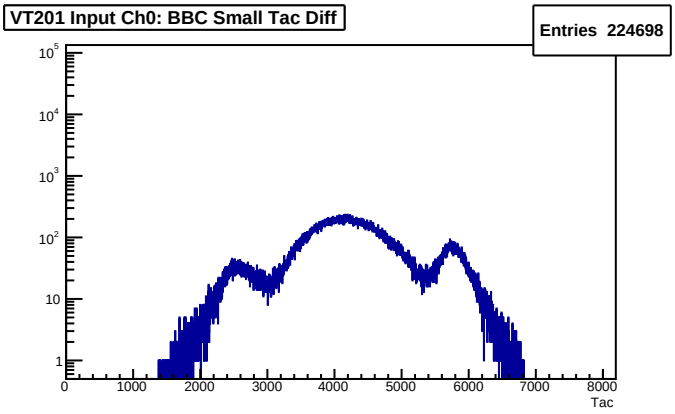

zdcEastTacVsSimu
Entries 909
Data
Simu

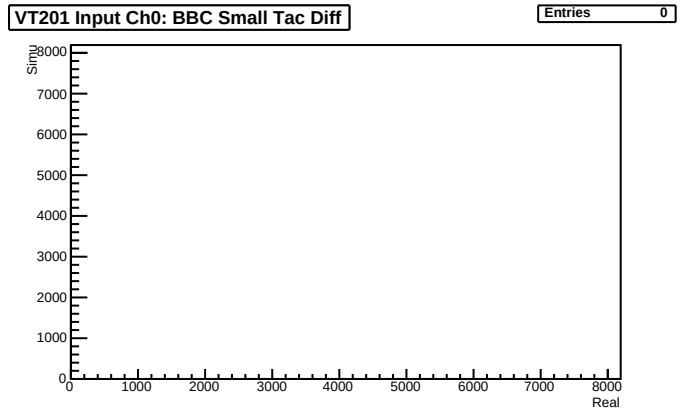

zdcWestTac
Entries 224698

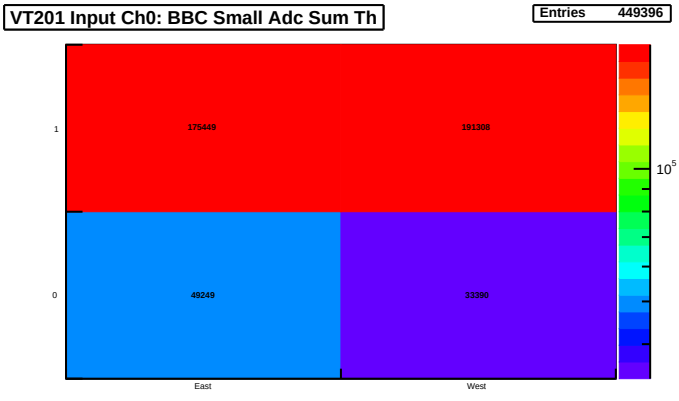

zdcWestTacVsSimu
Entries 1813
Data
Simu

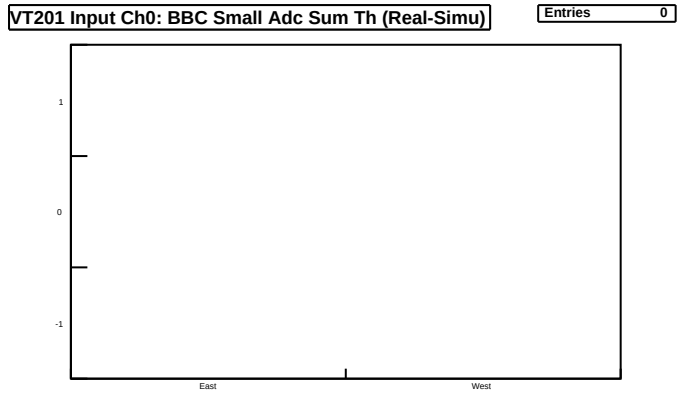

zdcAdcSum
Entries 2696376
23546
3210
10
9
3
3
55183
4238
62
53
39
34
201152
221493
224688
224689
224695
224695
169515
220460
224636
224645
224659
224664
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

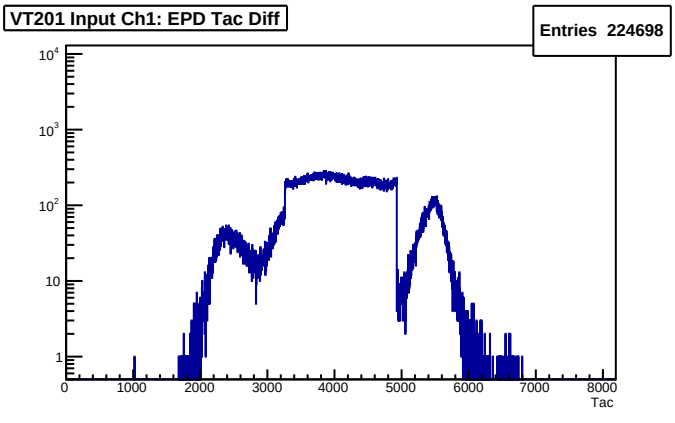

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

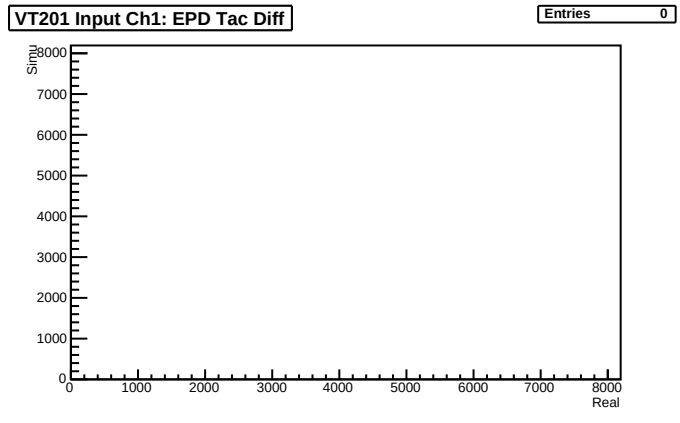

VT201 Input Ch0: BBC Small Tac Diff
Entries 224698
Tac

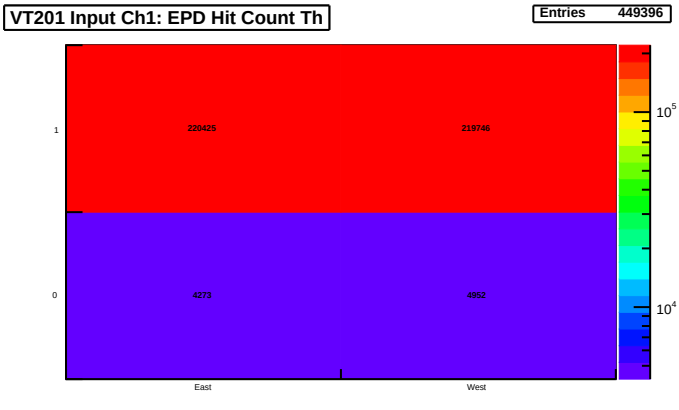

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

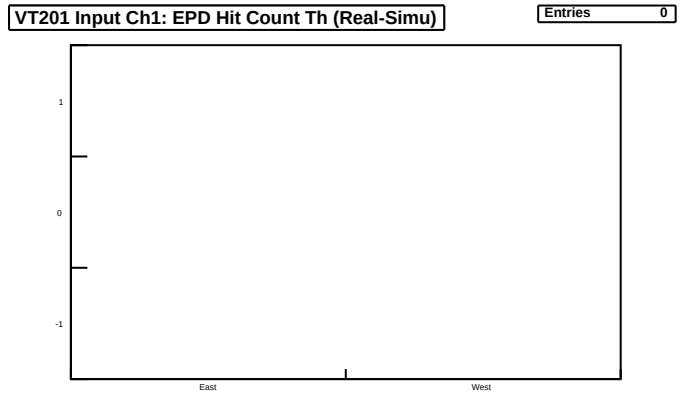

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 449396
175449
191308
49249
33390
East
West

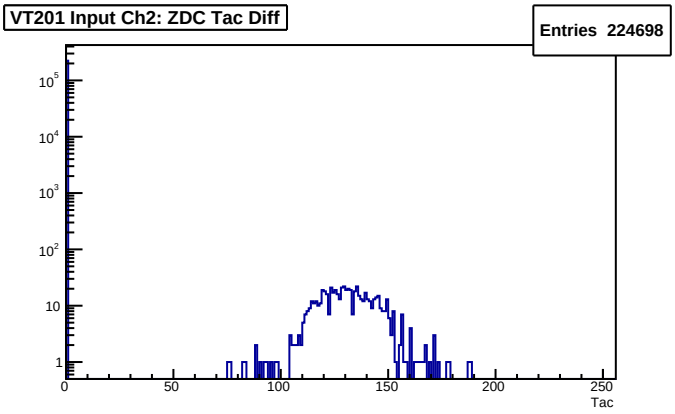

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

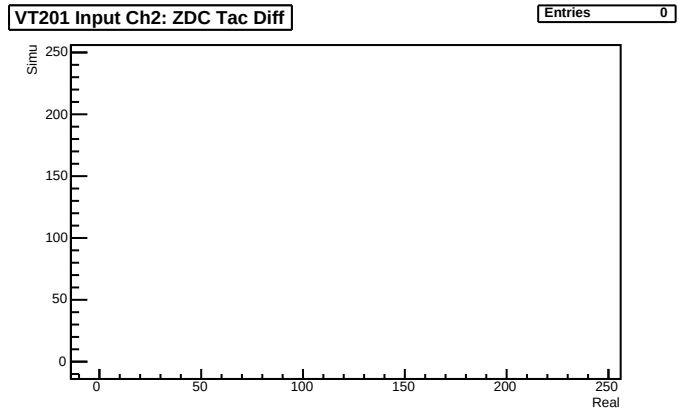

VT201 Input Ch1: EPD Tac Diff
Entries 224698
Tac

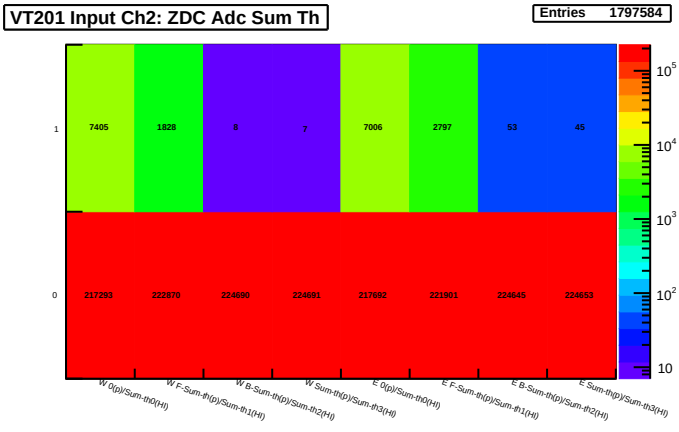

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

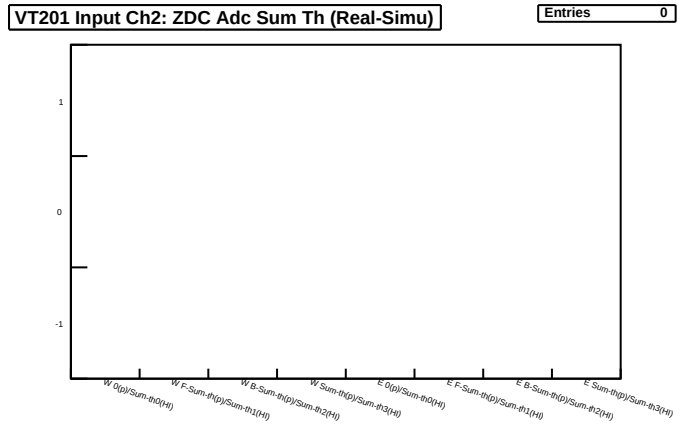

VT201 Input Ch1: EPD Hit Count Th
Entries 449396
220425
219746
4273
4952
East
West

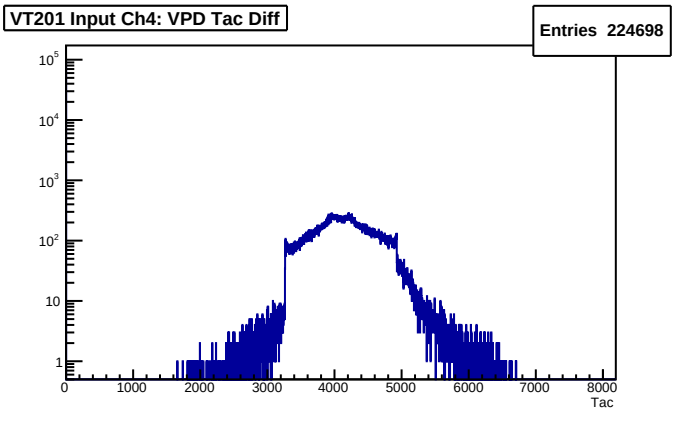

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

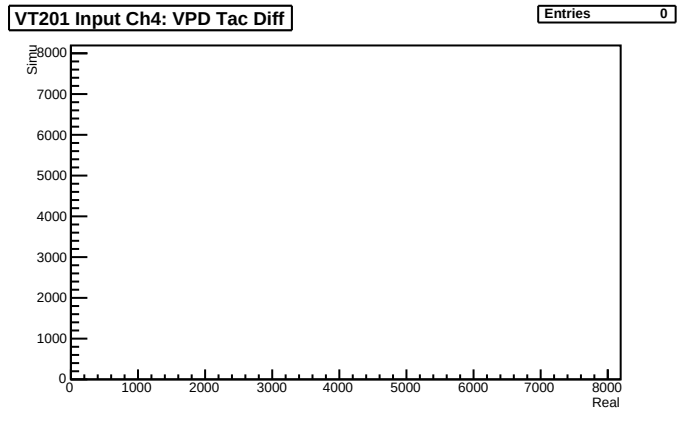

VT201 Input Ch2: ZDC Tac Diff
Entries 224698
Tac

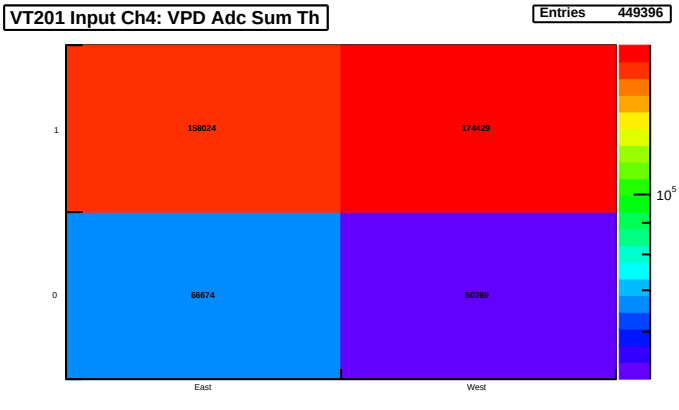

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

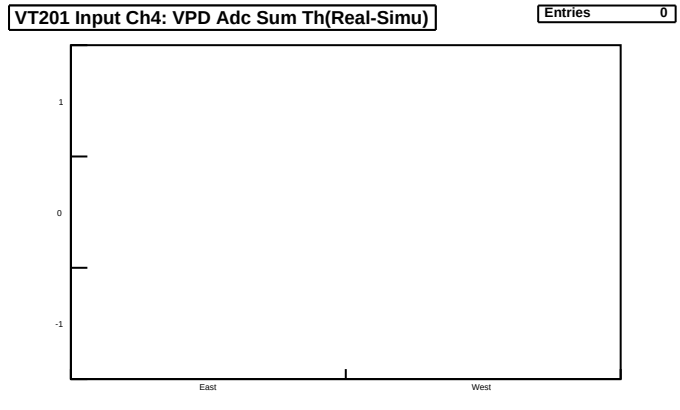

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1797584
7405
1828
8
7
7006
2797
53
45
217293
222870
224690
224691
217692
221901
224645
224653
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

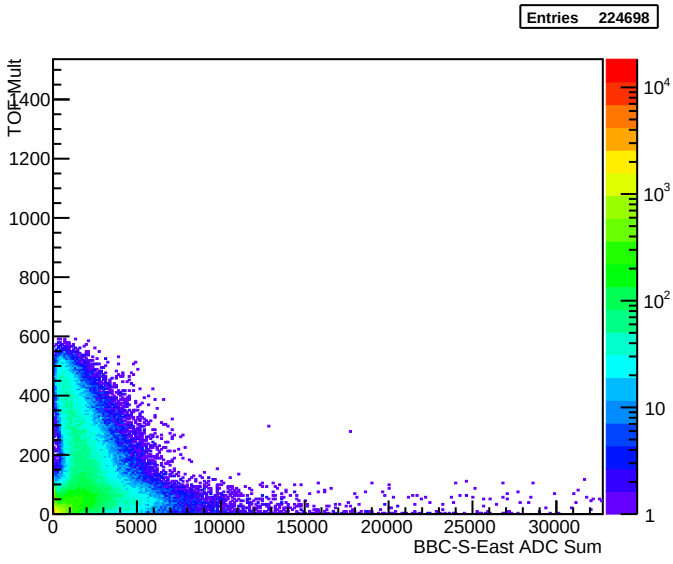

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

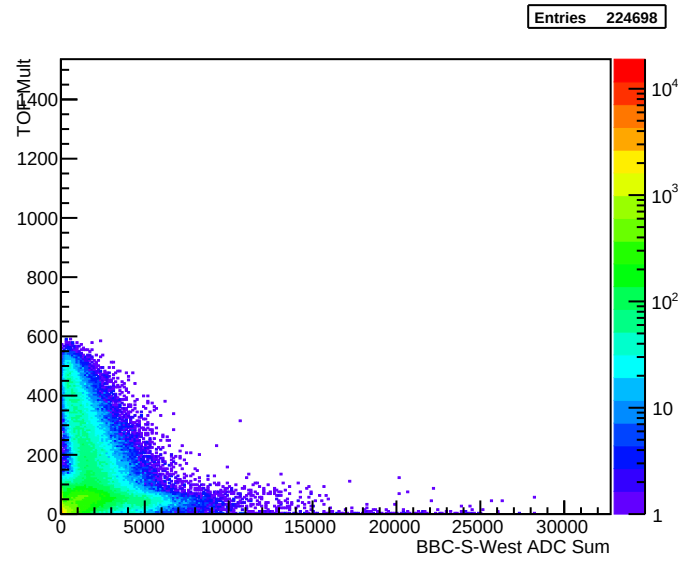

VT201 Input Ch4: VPD Tac Diff
Entries 224698
Tac

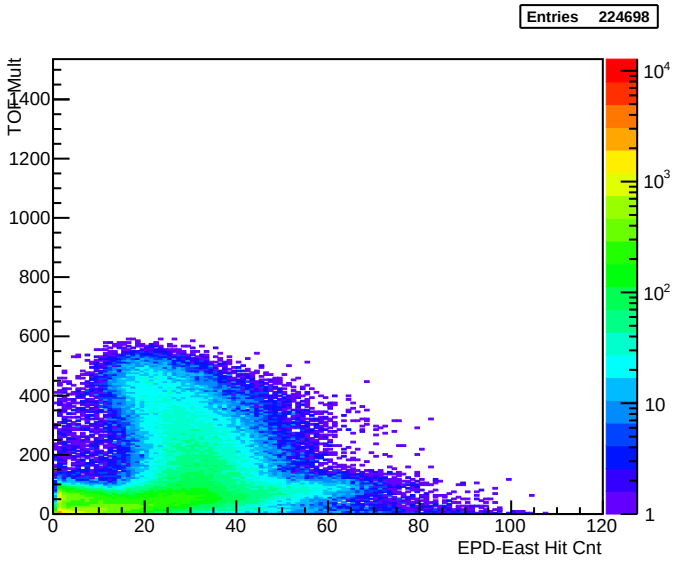

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

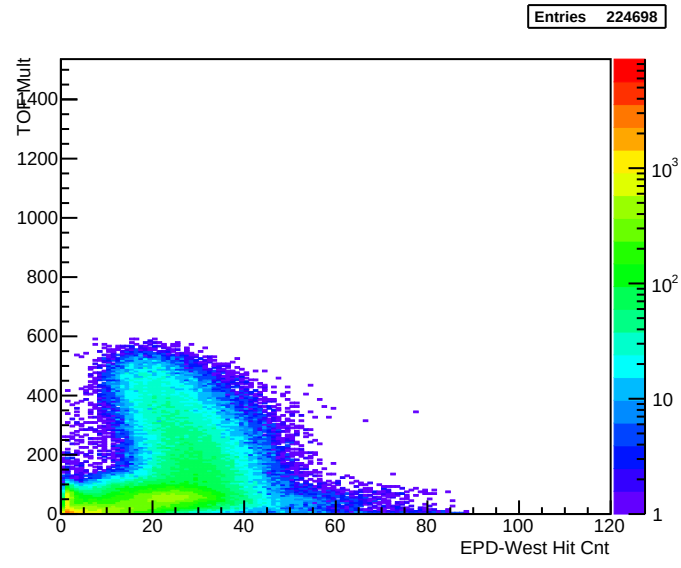

VT201 Input Ch4: VPD Adc Sum Th
Entries 449396
158024
174429
66674
50269
East
West

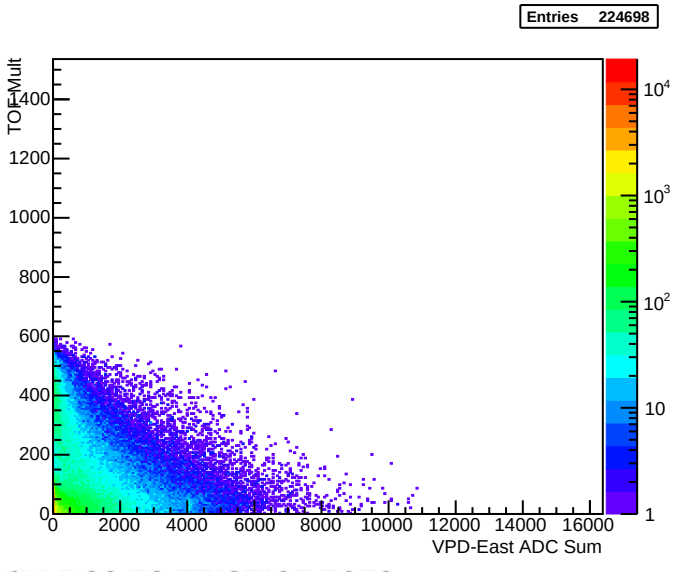

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

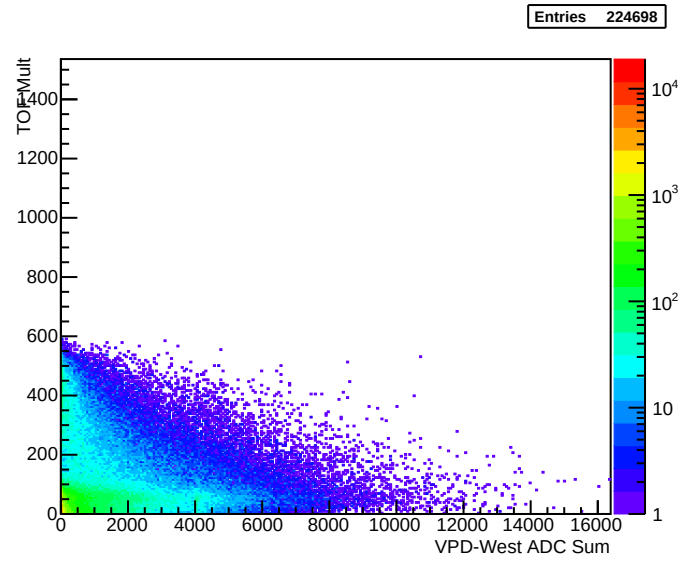

Entries 224698
TOF-Mult
BBC-S-East ADC Sum

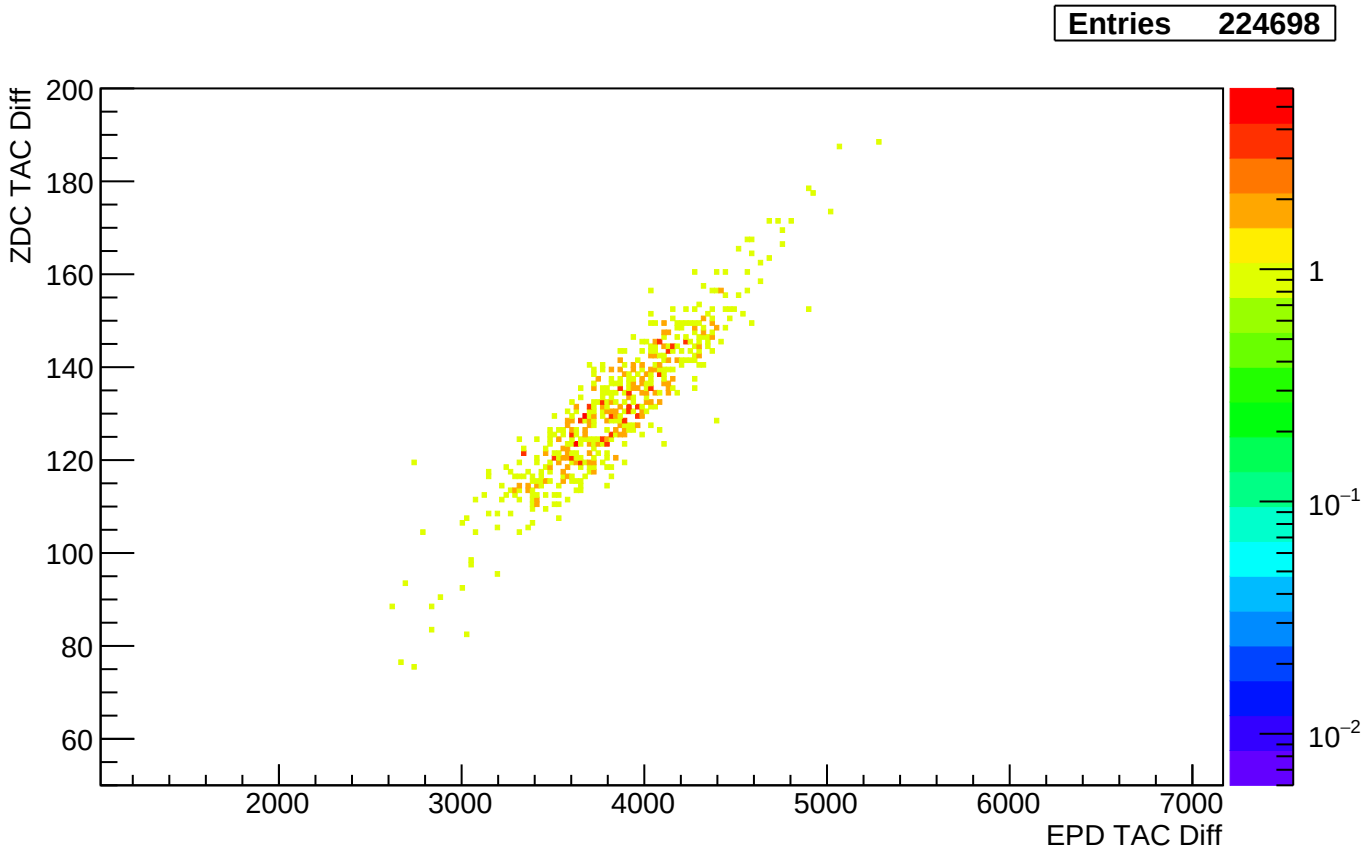

Entries 224698
TOF-Mult
BBC-S-West ADC Sum

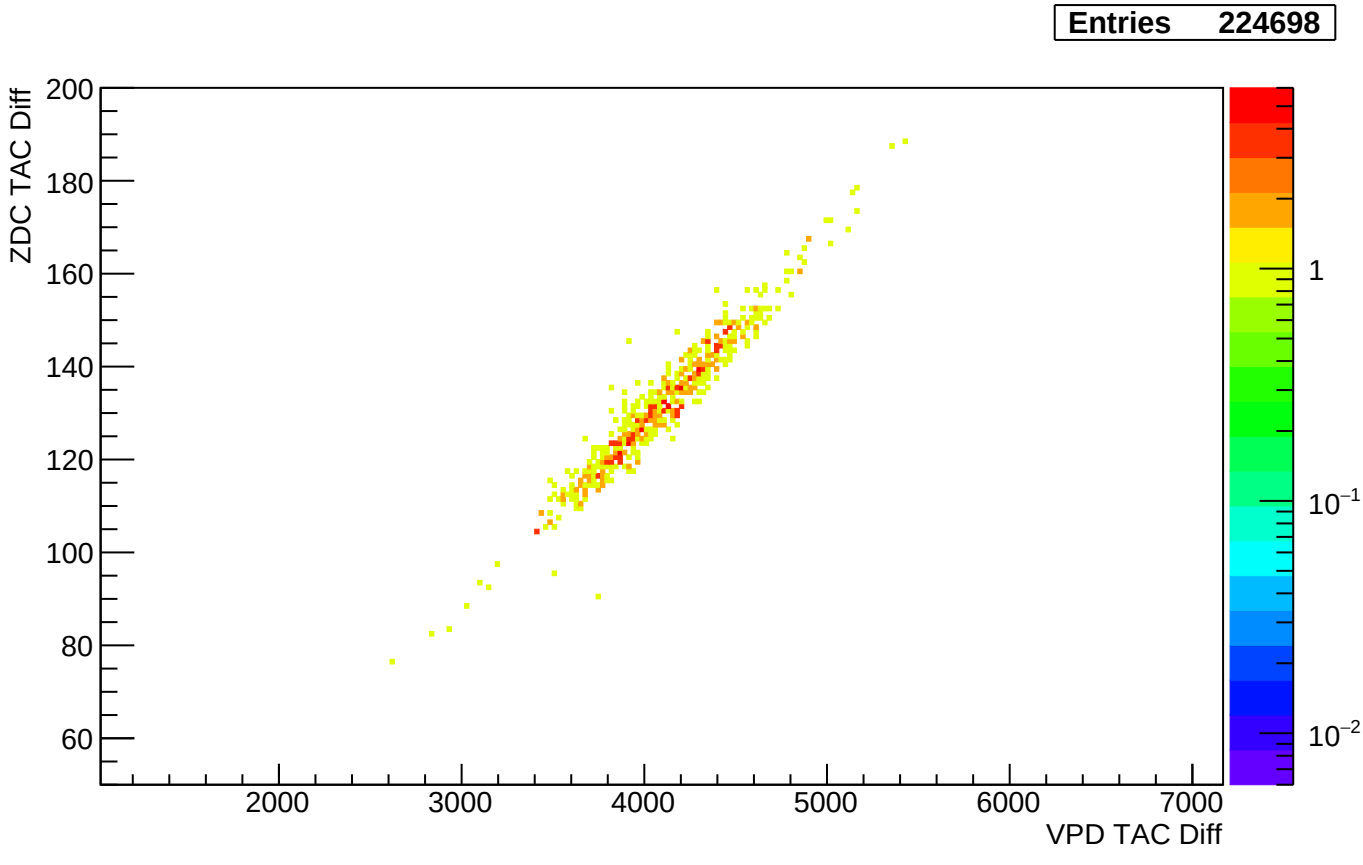

Entries 224698
TOF-Mult
EPD-East Hit Cnt

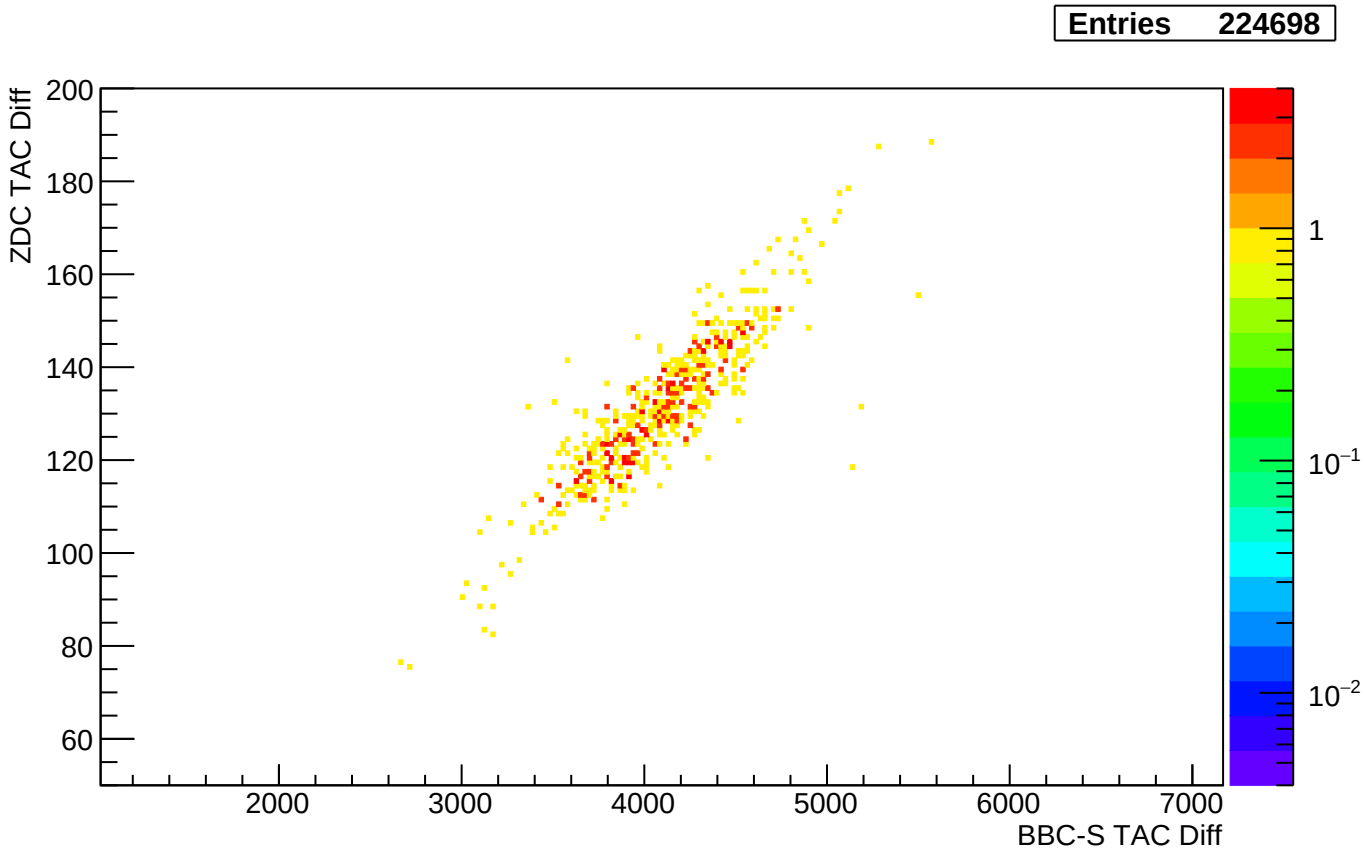

Entries 224698
TOF-Mult
EPD-West Hit Cnt

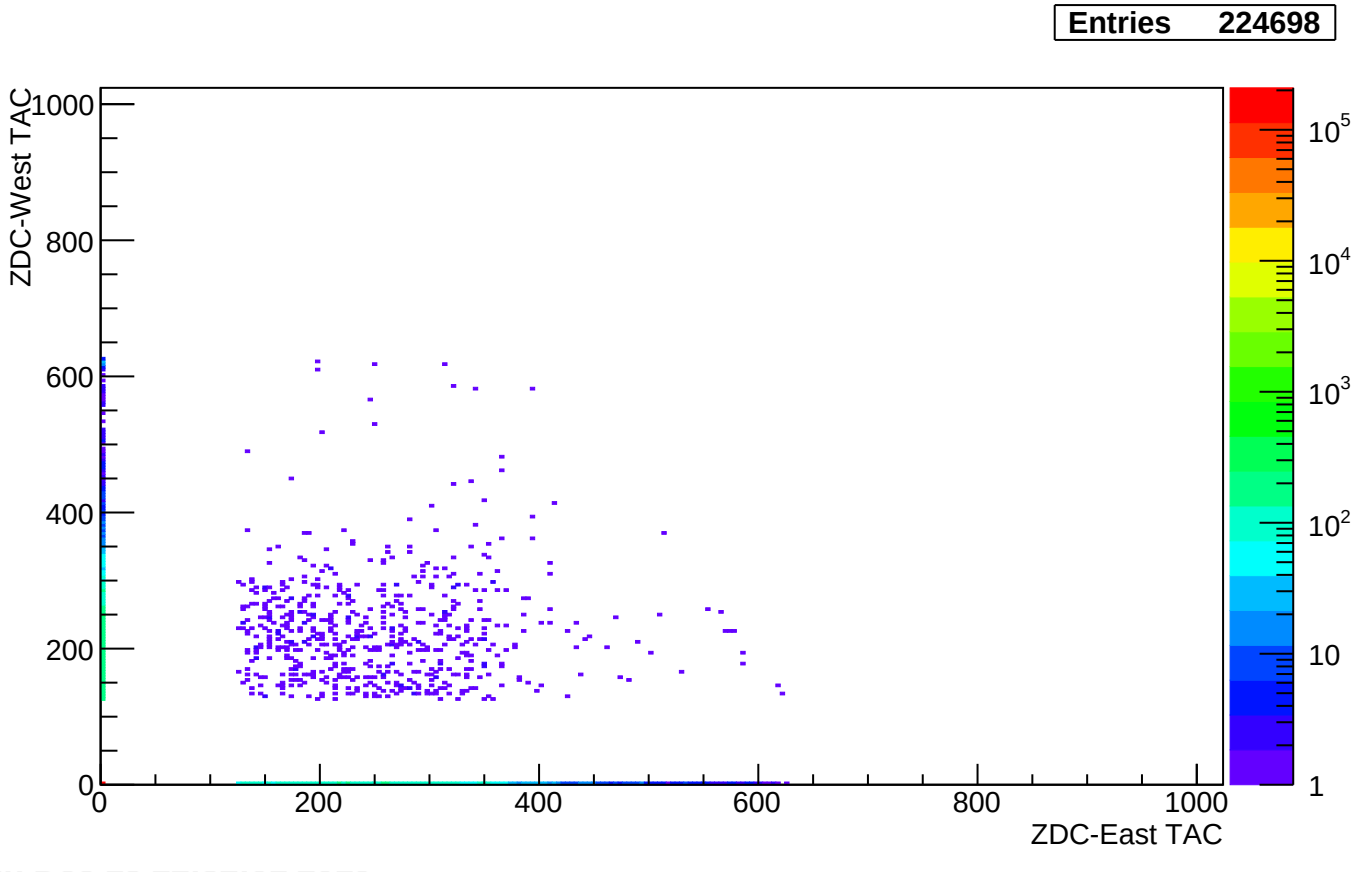

Entries 224698
TOF-Mult
VPD-East ADC Sum

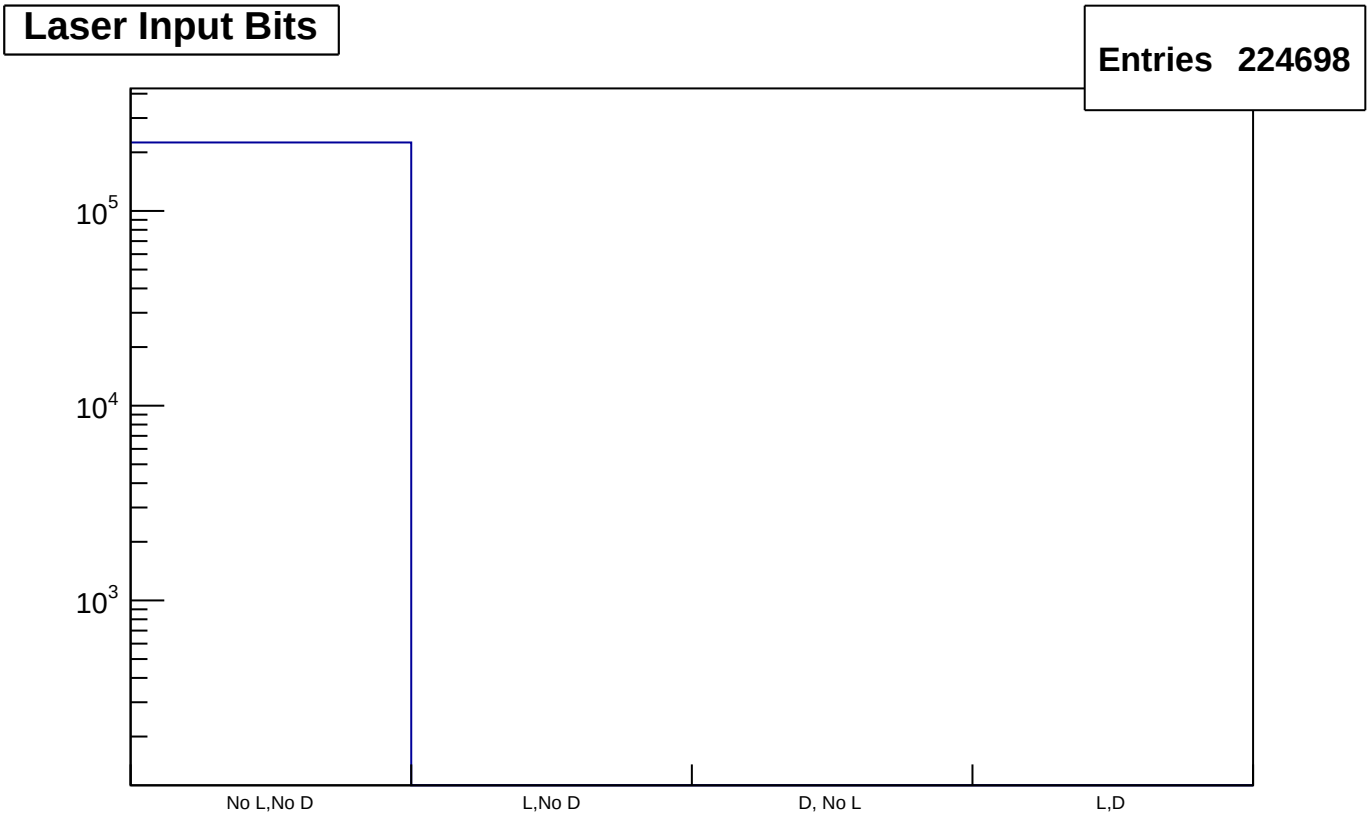

Entries 224698
TOF-Mult
VPD-West ADC Sum

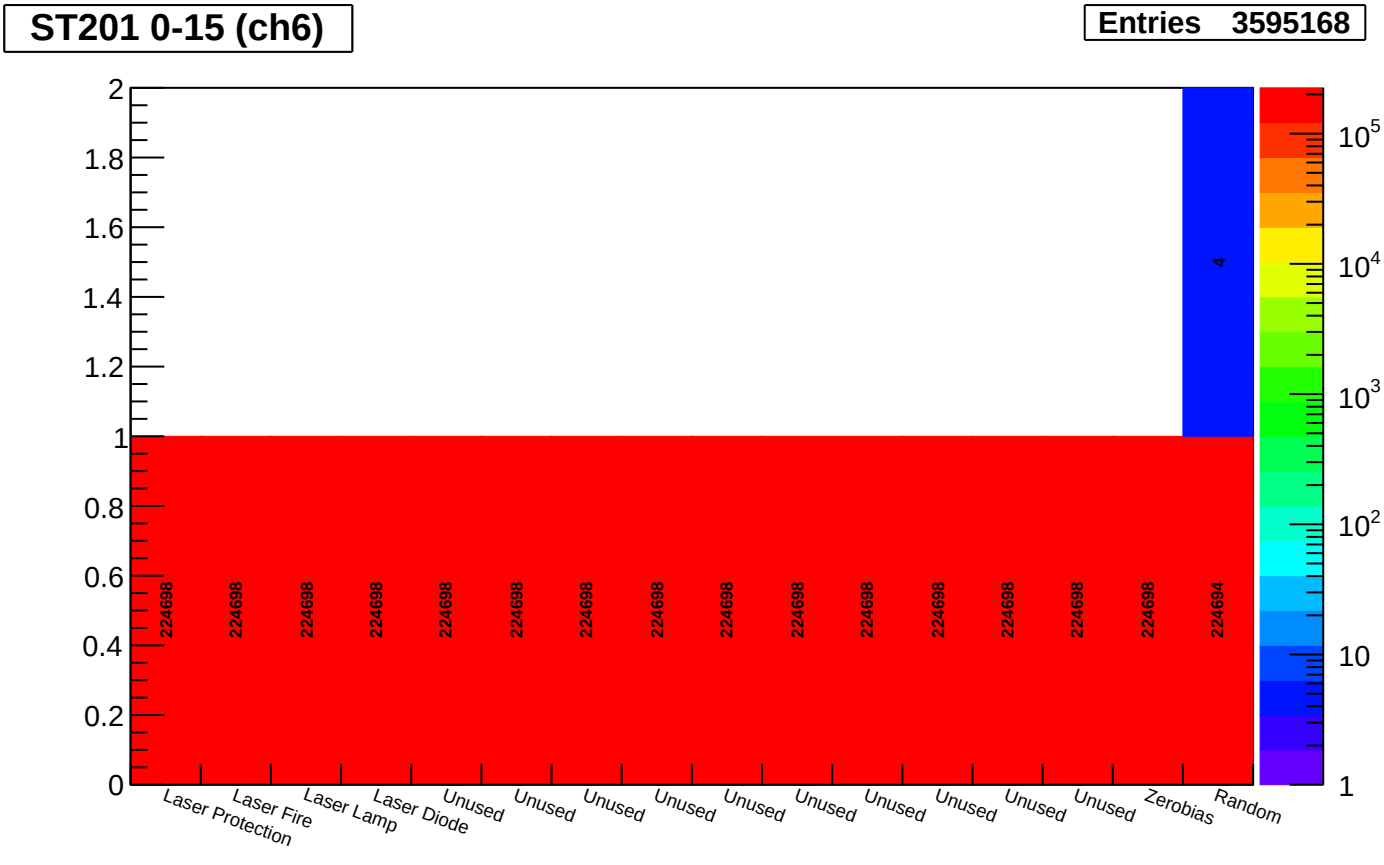

Entries 224698
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

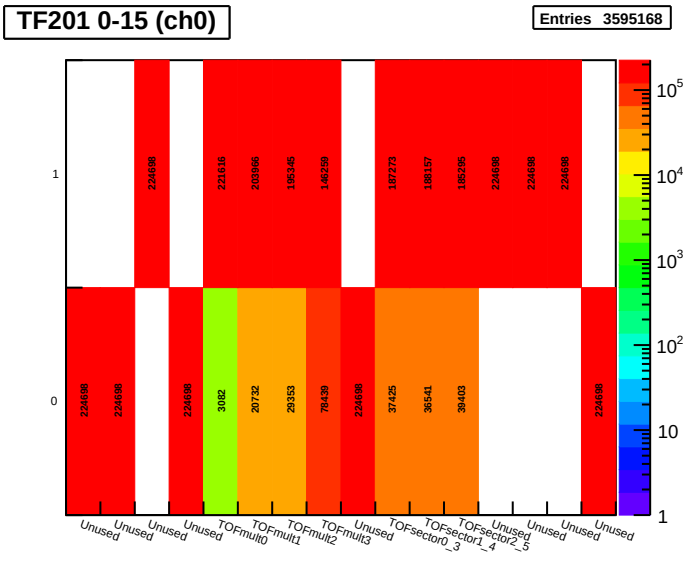

Entries 224698
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

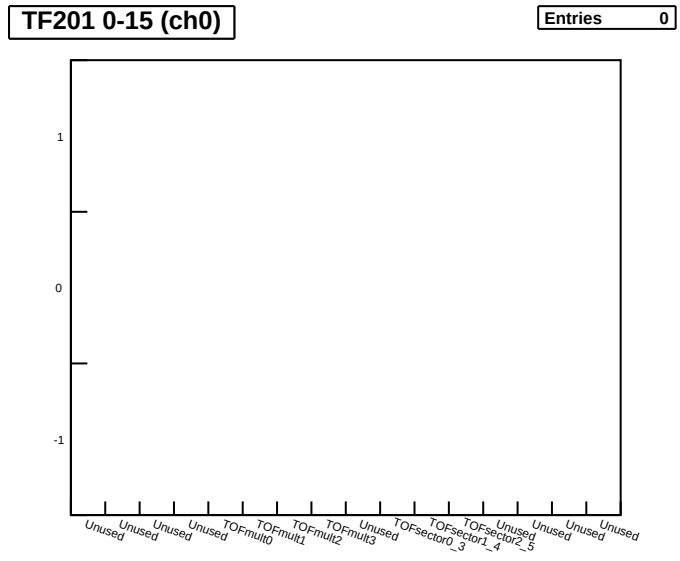

Entries 224698
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

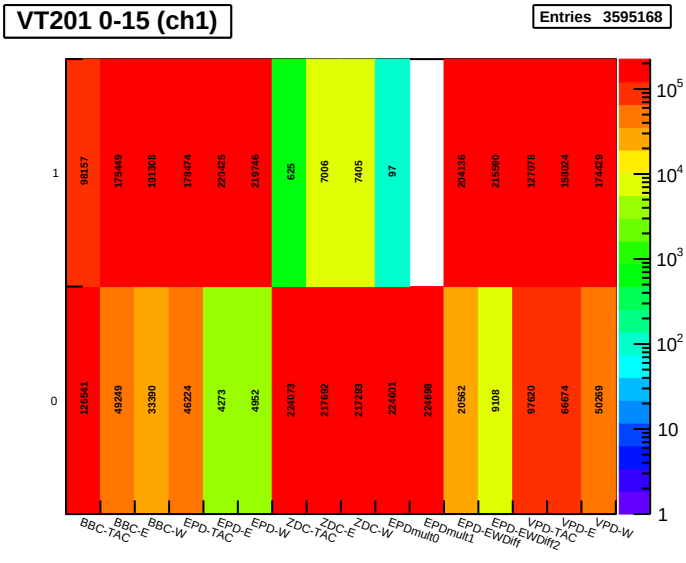

Entries 224698
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

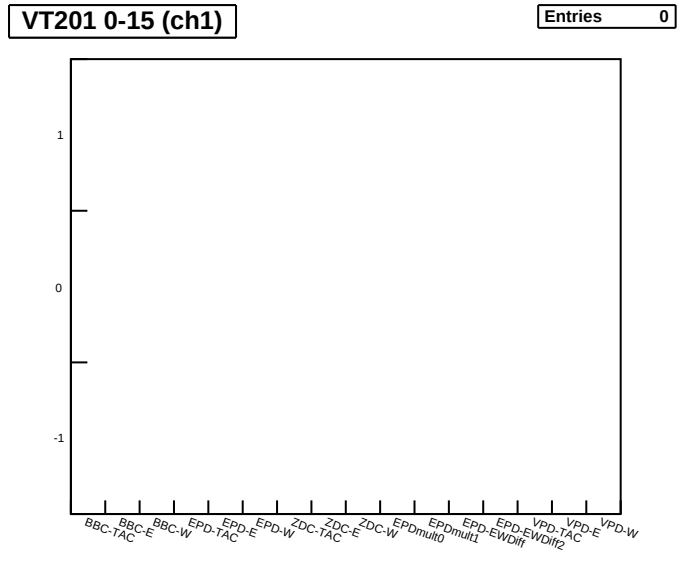

Laser Input Bits
Entries 224698
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

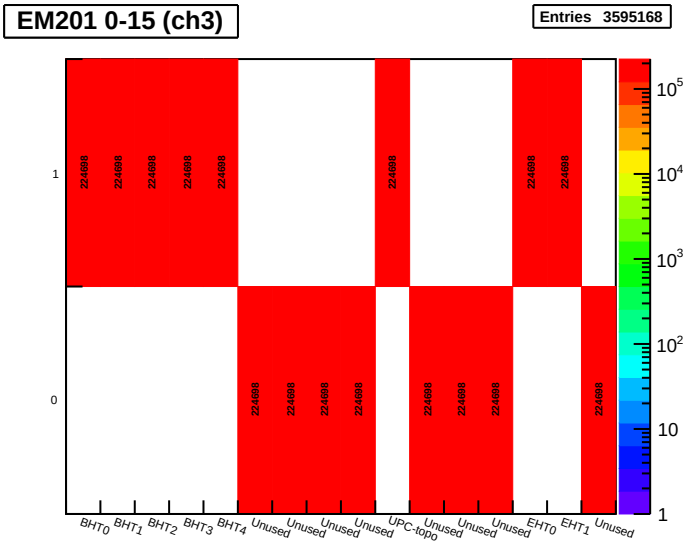

ST201 0-15 (ch6)
Entries 3595168
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
224698
224698
224698
224698
224698
224698
224698
224698
224698
224698
224698
224698
224698
224698
224694
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

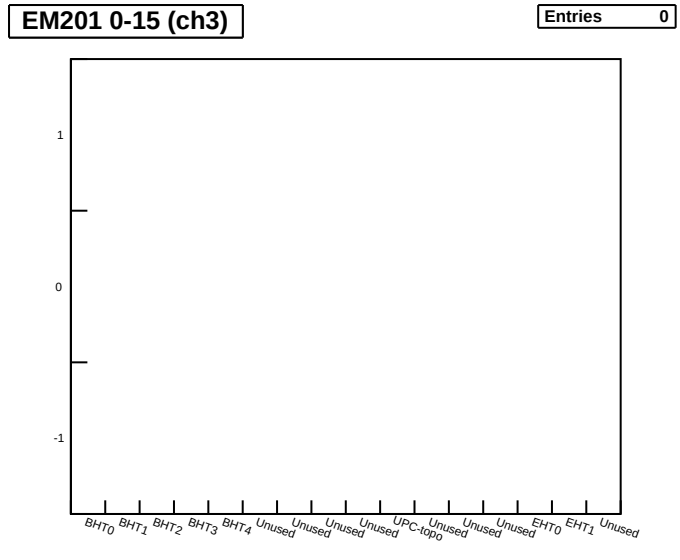

TF201 0-15 (ch0)
Entries 3595168
1
0
224698 224698 224698 224698 221616 203966 195345 146259 187273 188157 185295 224698 224698 224698
224698 224698 224698 3082 20732 29353 79439 224698 37425 36541 39403 224698
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 3595168
1
0
98157 175449 191308 178474 220425 219746 625 7006 7405 97 204156 215590 127078 158024 174429
126541 49249 33390 46224 4273 4952 224073 217692 217293 224601 224698 20562 9108 97620 66674 50269
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 3595168
1
0
224698 224698 224698 224698 224698 224698 224698 224698
224698 224698 224698 224698 224698 224698 224698 224698
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