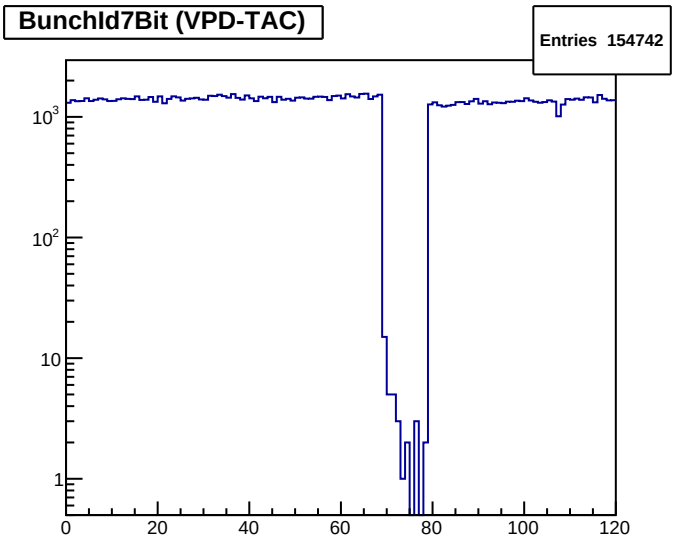
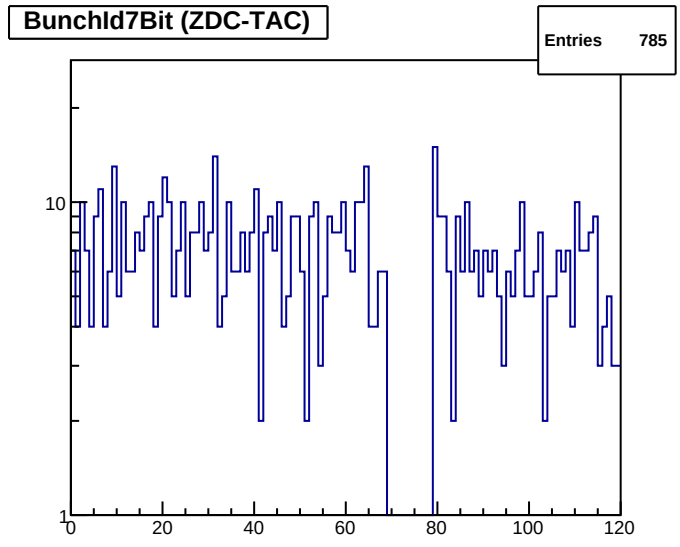
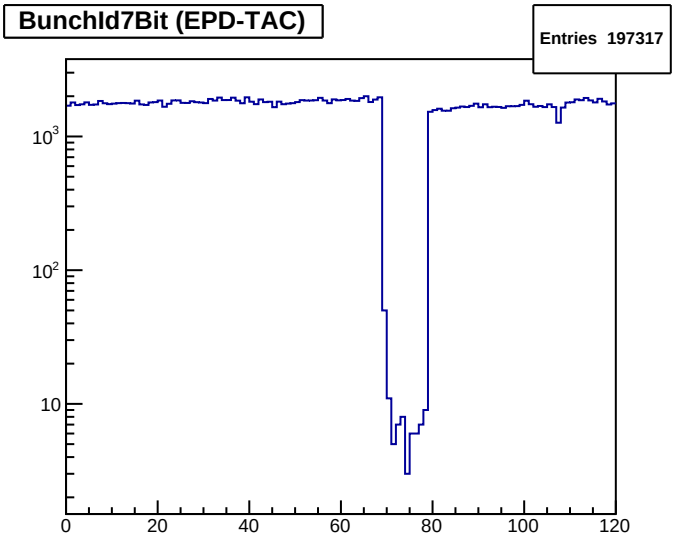
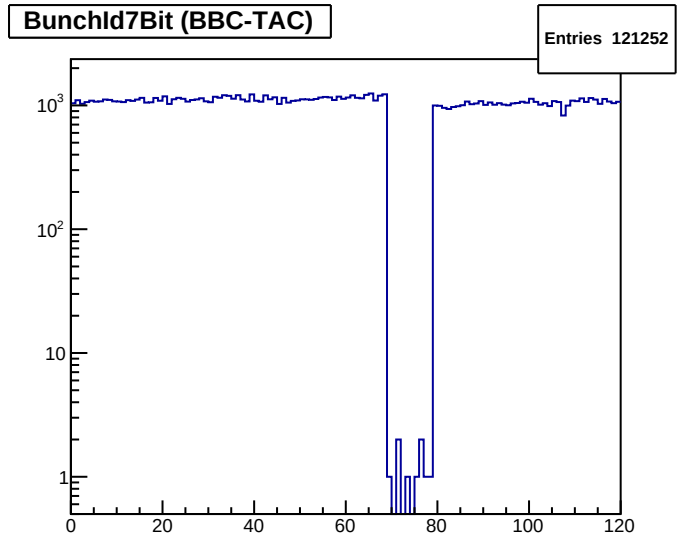
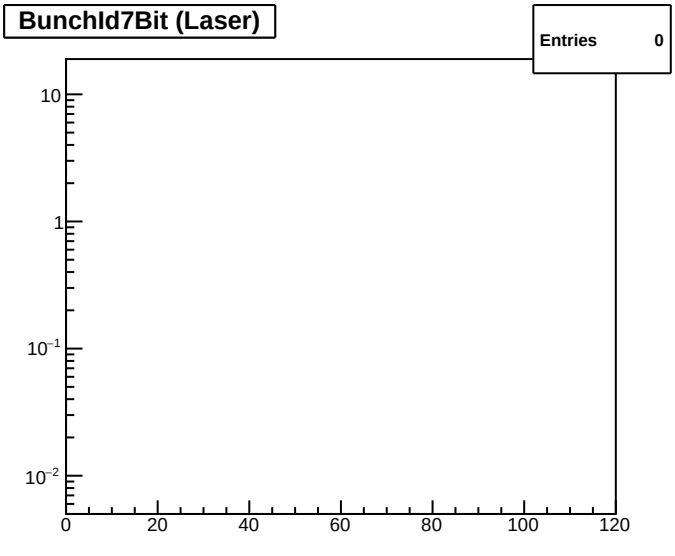
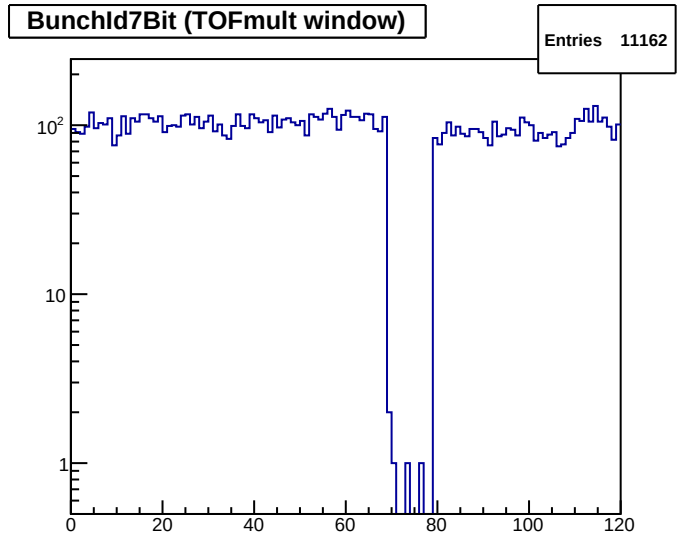

BunchId7Bit (VPD-TAC)
Entries 154742

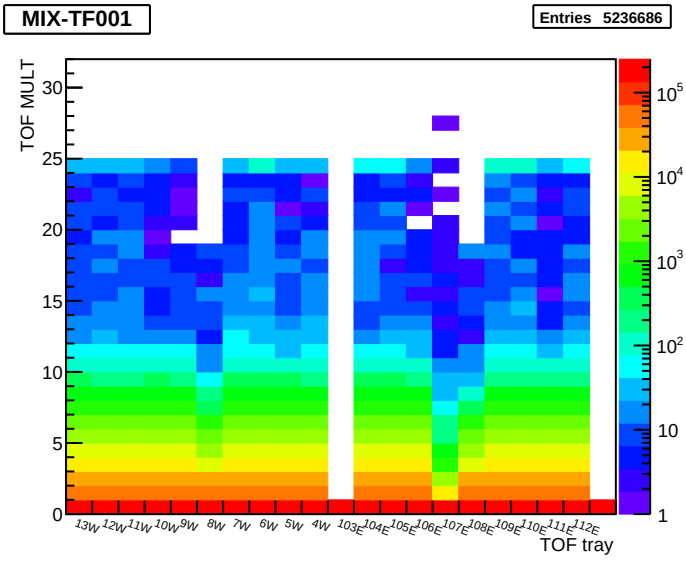

BunchId7Bit (ZDC-TAC)
Entries 785

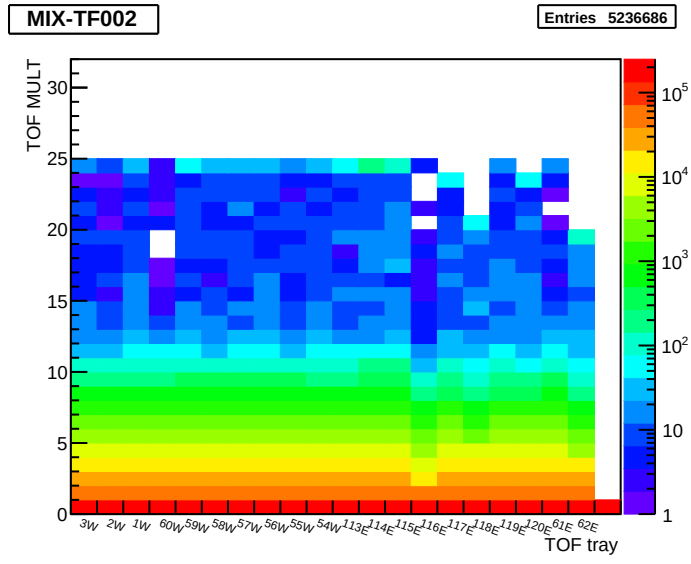

BunchId7Bit (EPD-TAC)
Entries 197317

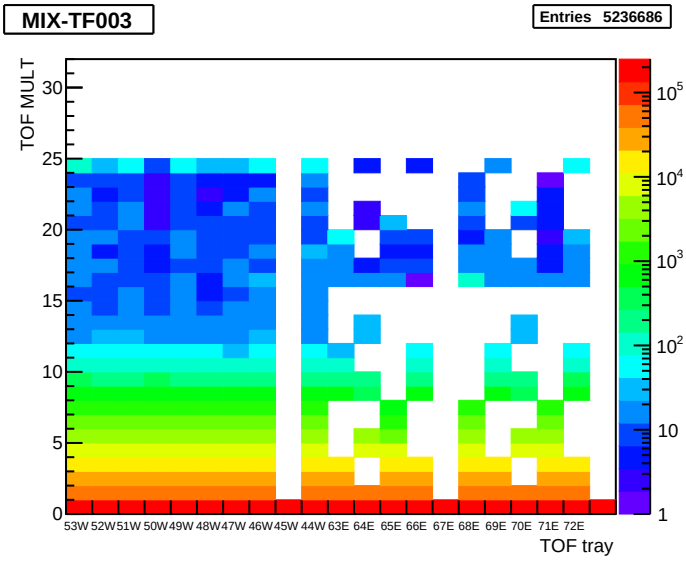

BunchId7Bit (BBC-TAC)
Entries 121252

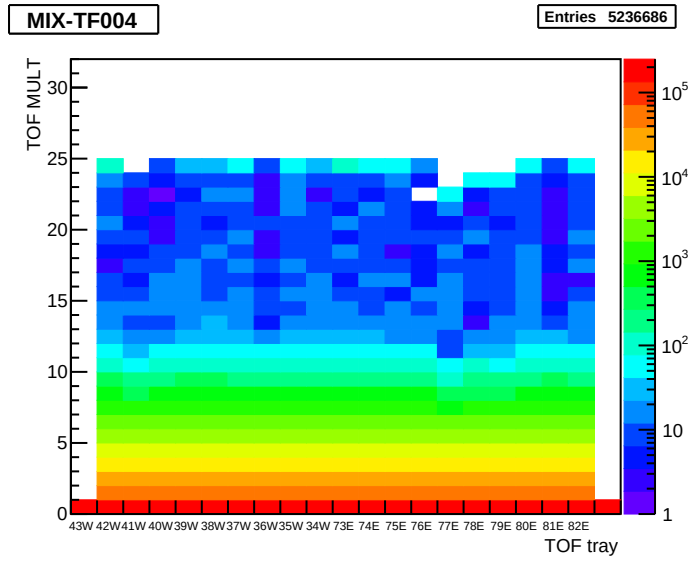

BunchId7Bit (Laser)
Entries 0

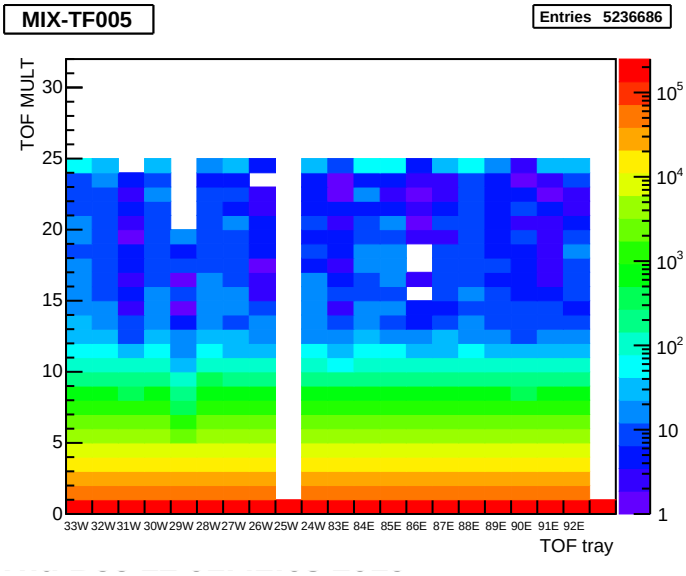

BunchId7Bit (TOFmult window)
Entries 11162

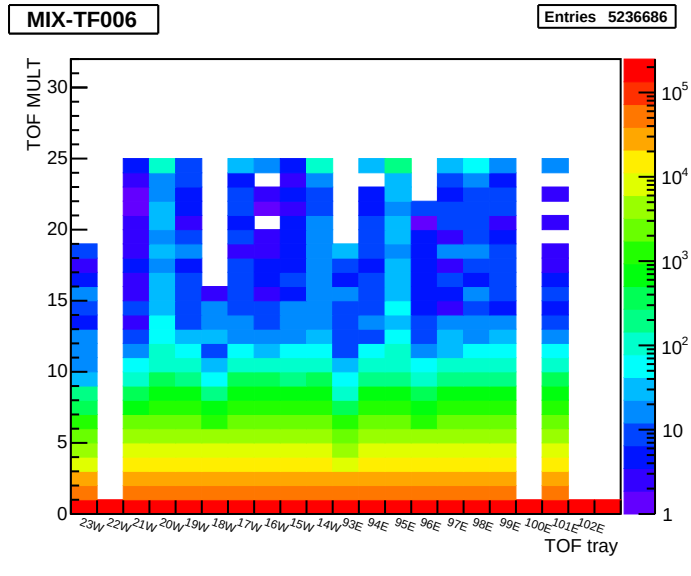

MIX-TF001
Entries 5236686
TOF MULT
TOF tray

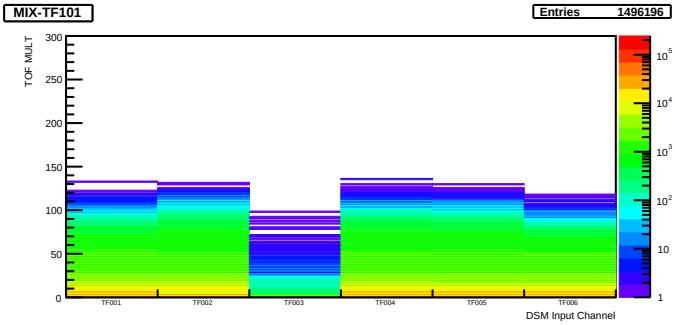

MIX-TF002
Entries 5236686
TOF MULT
TOF tray

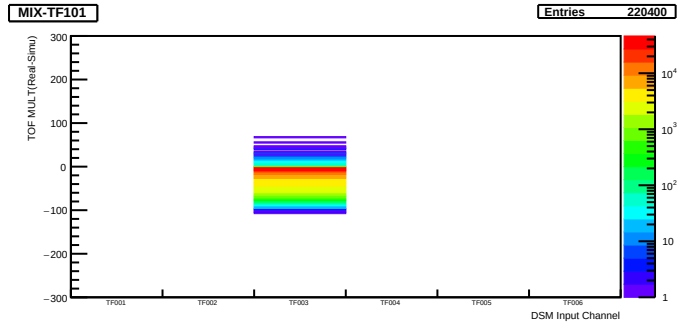

MIX-TF003
Entries 5236686
TOF MULT
TOF tray

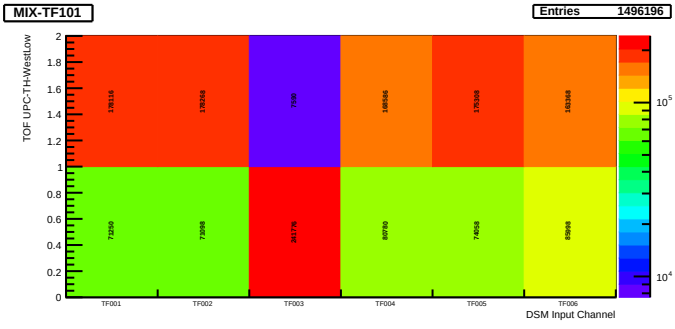

MIX-TF004
Entries 5236686
TOF MULT
TOF tray

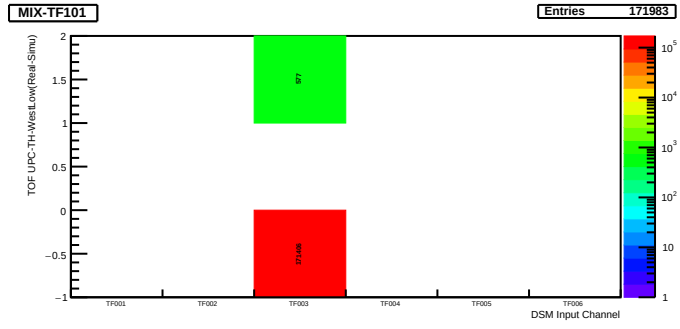

MIX-TF005
Entries 5236686
TOF MULT
TOF tray

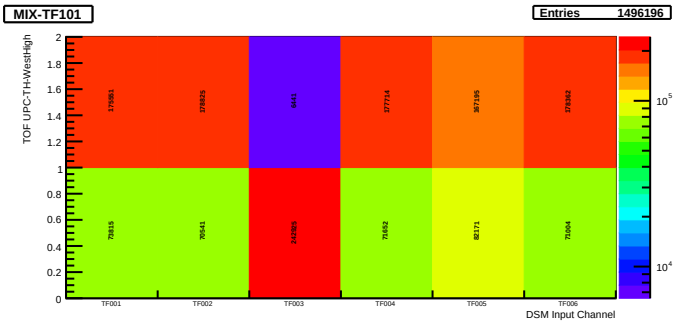

MIX-TF006
Entries 5236686
TOF MULT
TOF tray

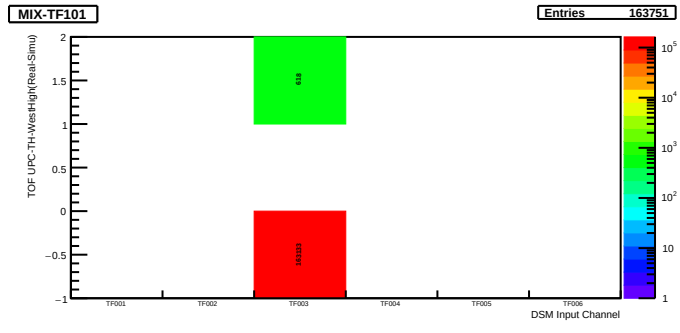

MIX-TF101
Entries 1496196
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

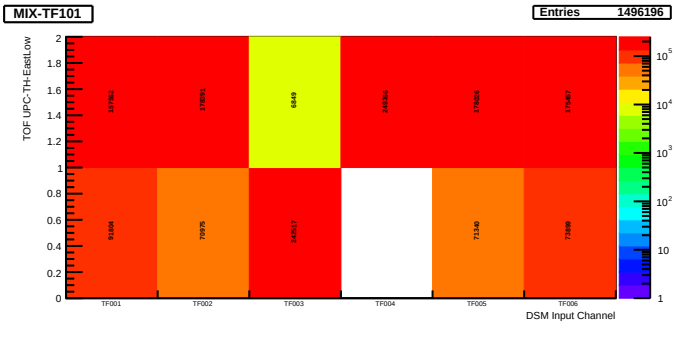

MIX-TF101
Entries 220400
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

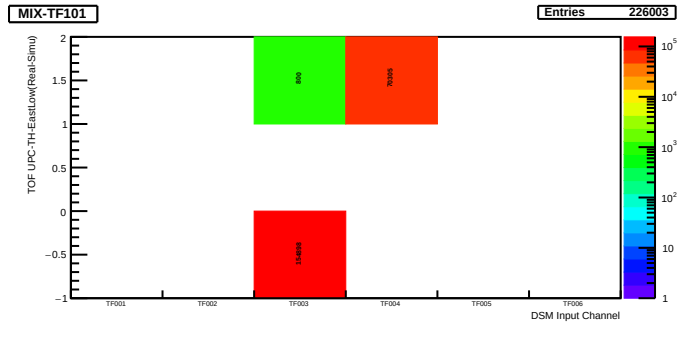

MIX-TF101
Entries 1496196
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

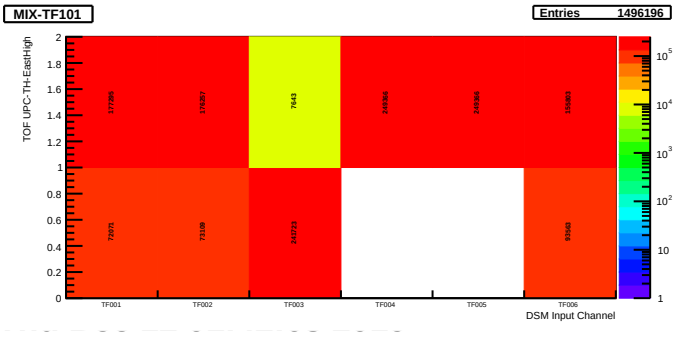

MIX-TF101
Entries 171983
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

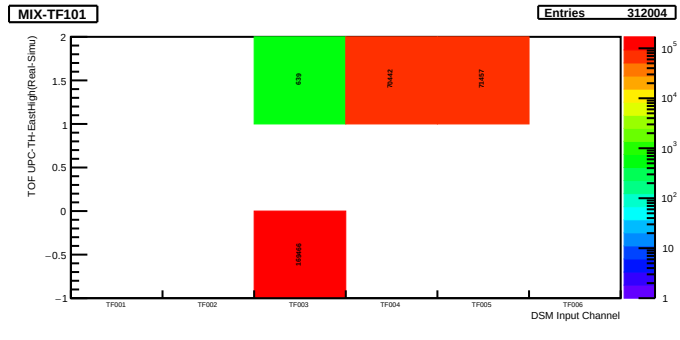

MIX-TF101
Entries 1496196
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

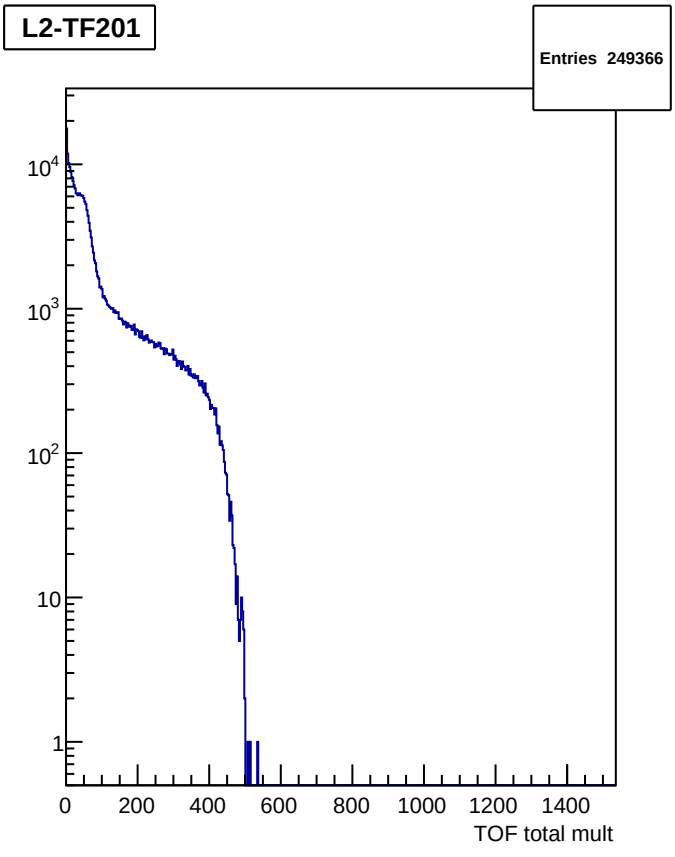

MIX-TF101
Entries 163751
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

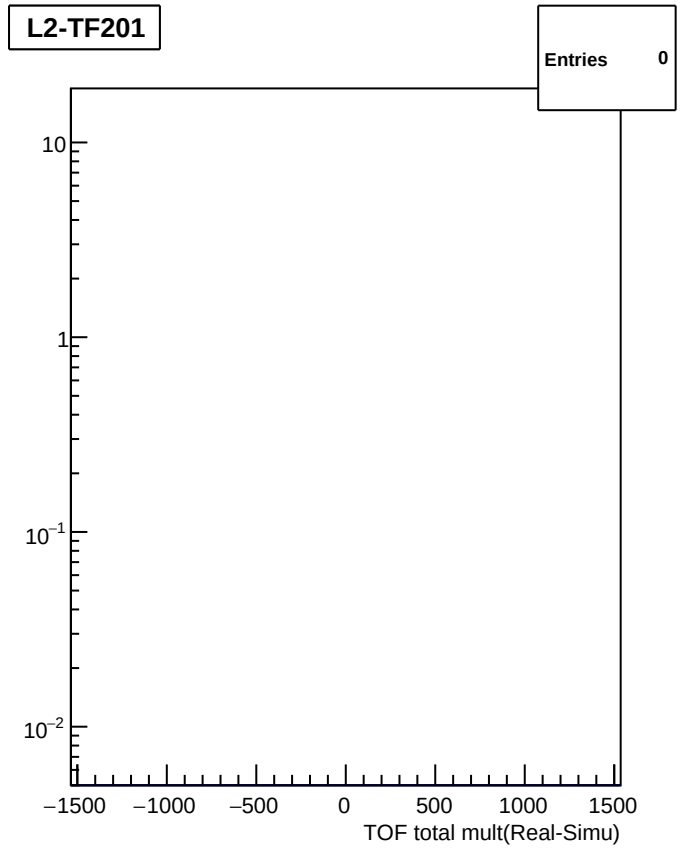

MIX-TF101
Entries 1496196
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

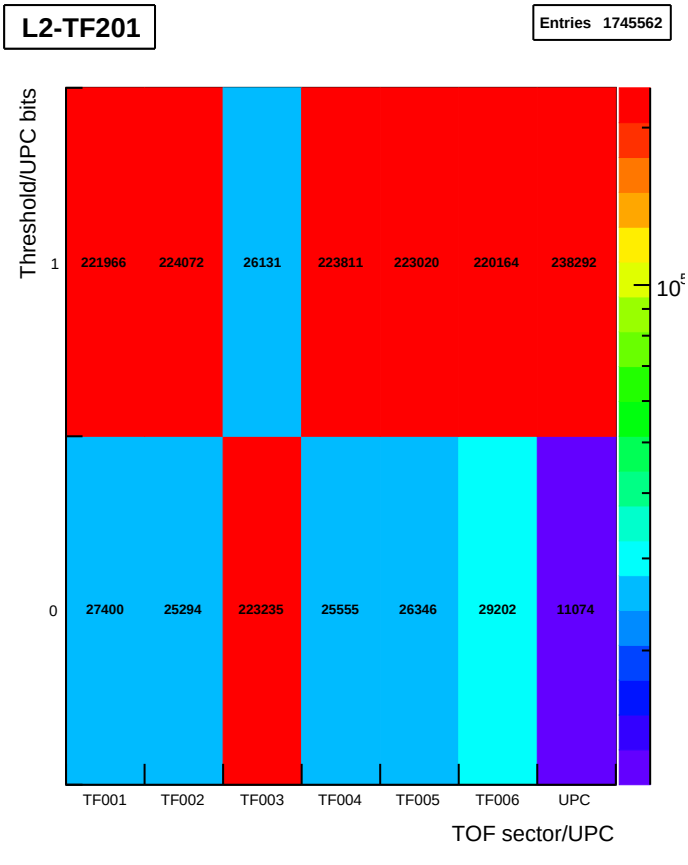

MIX-TF101
Entries 226003
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

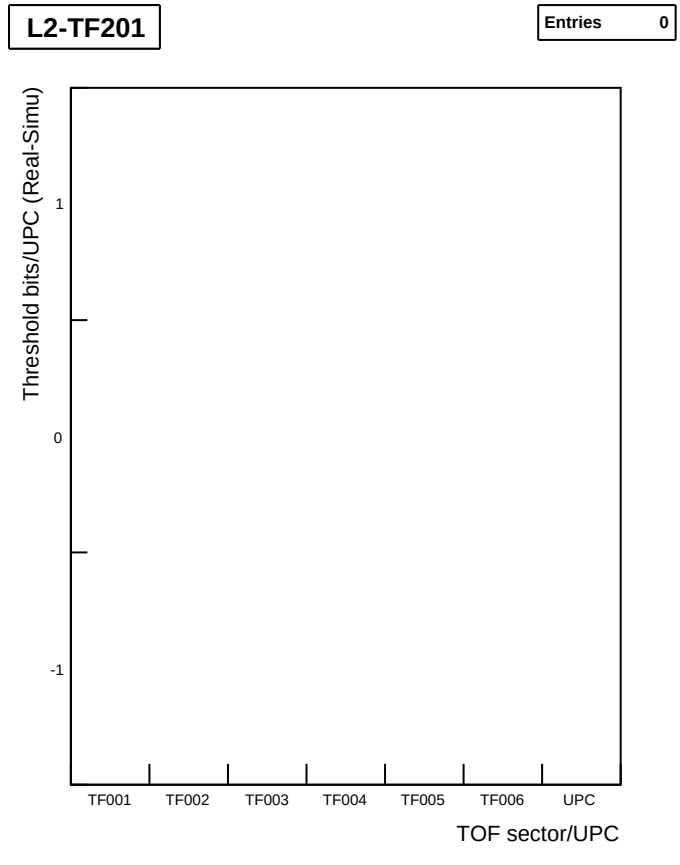

MIX-TF101
Entries 1496196
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

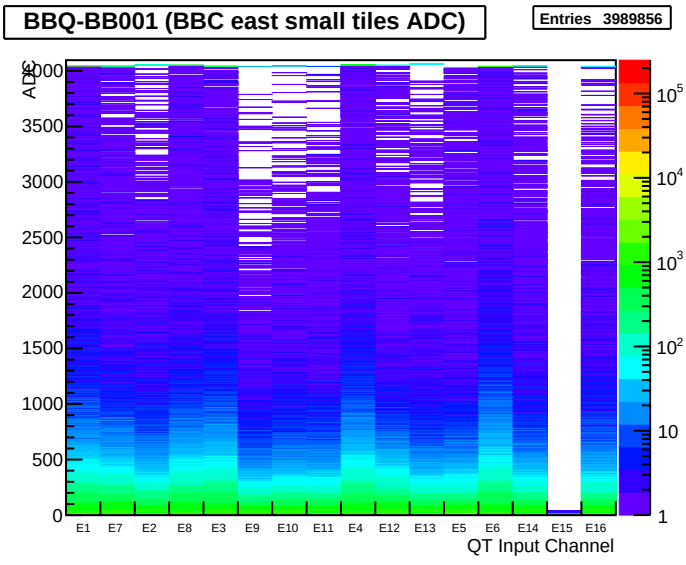

MIX-TF101
Entries 312004
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

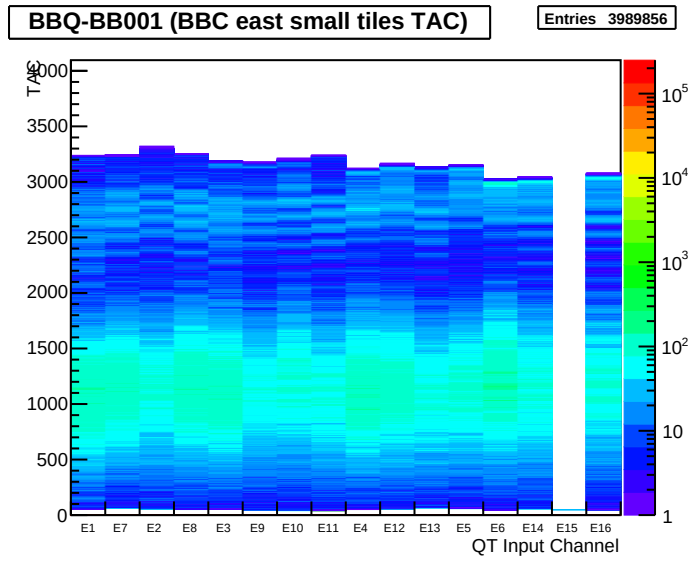

L2-TF201
Entries 249366
TOF total mult

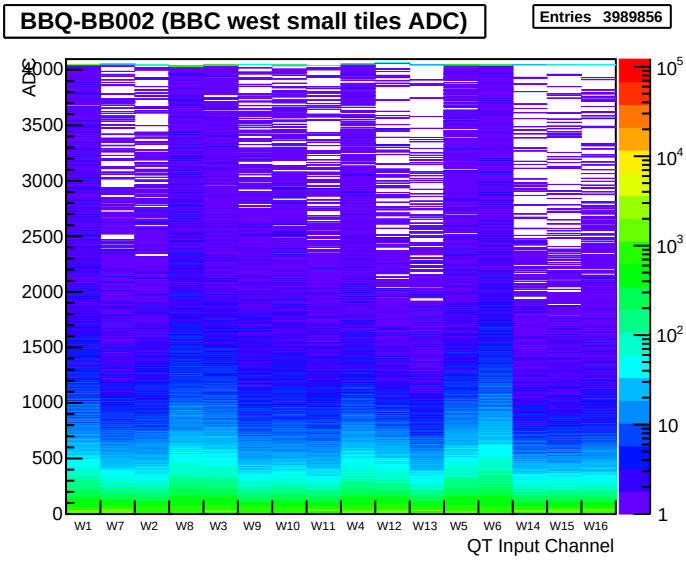

L2-TF201
Entries 0
TOF total mult(Real-Simu)

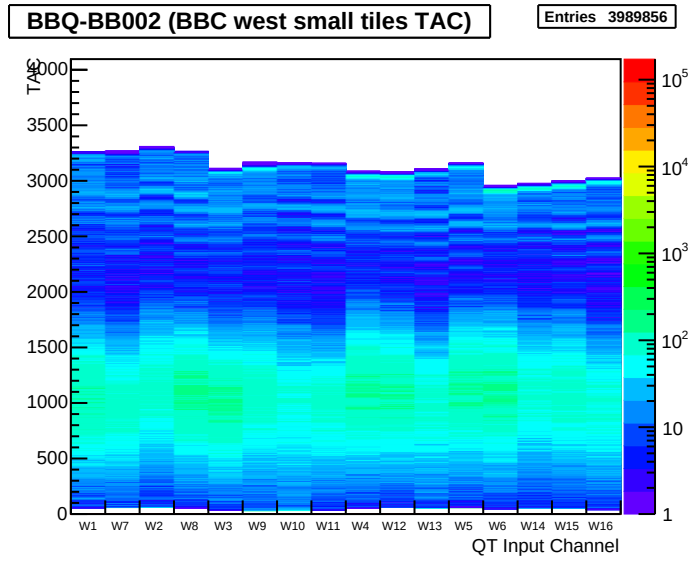

L2-TF201
Entries 1745562
Threshold/UPC bits
221966
224072
26131
223811
223020
220164
238292
27400
25294
223235
25555
26346
29202
11074
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

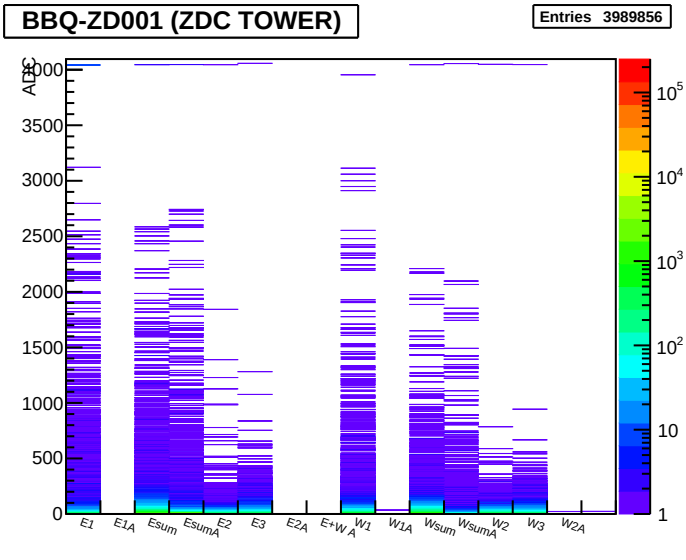

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

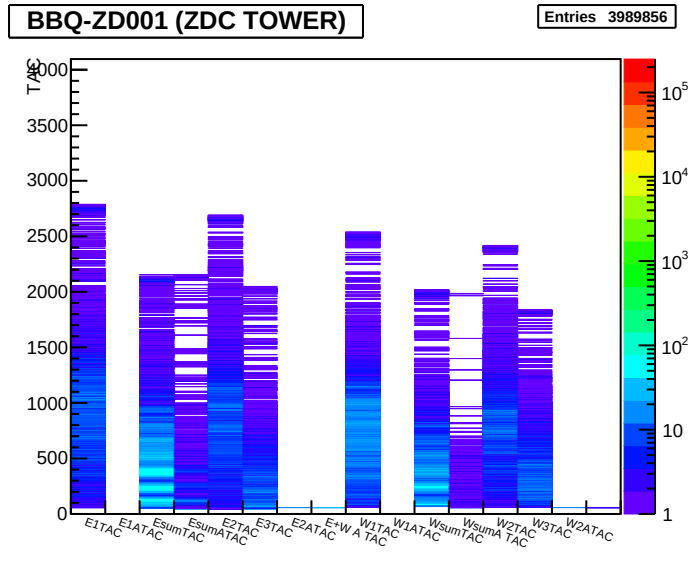

BBQ-BB001 (BBC east small tiles ADC)
Entries 3989856
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

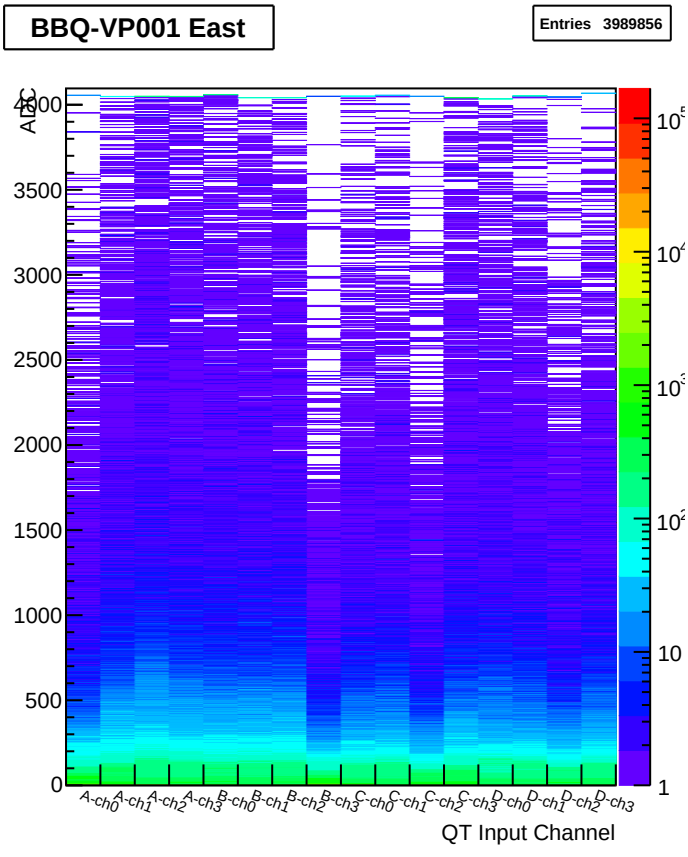

BBQ-BB001 (BBC east small tiles TAC)
Entries 3989856
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

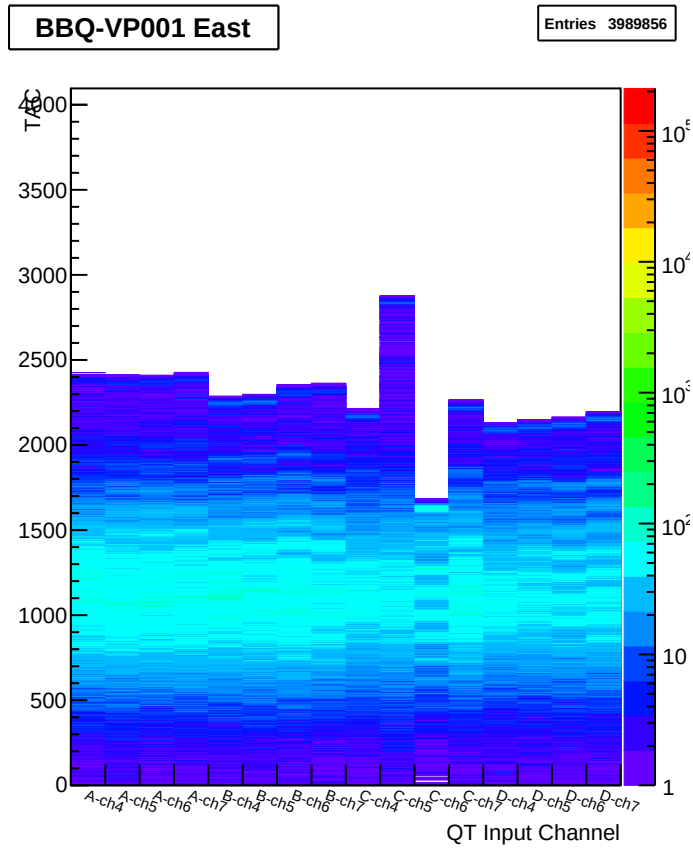

BBQ-BB002 (BBC west small tiles ADC)
Entries 3989856
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

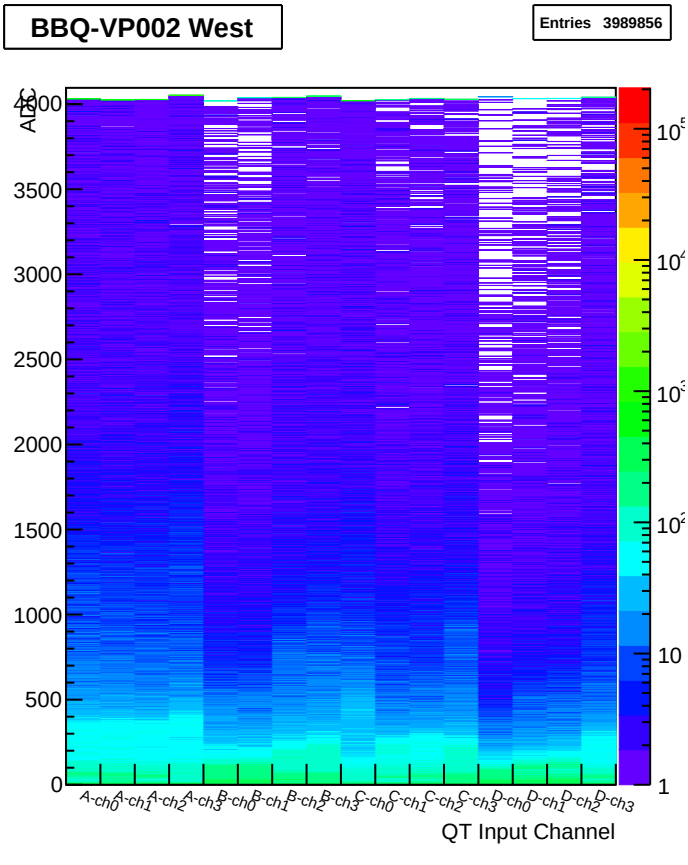

BBQ-BB002 (BBC west small tiles TAC)
Entries 3989856
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

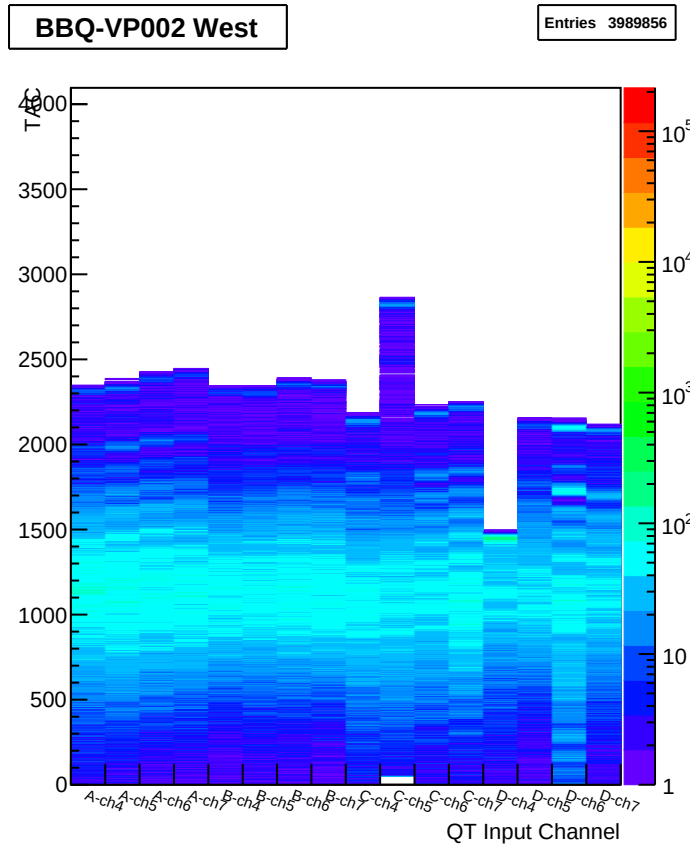

BBQ-ZD001 (ZDC TOWER)
Entries 3989856
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

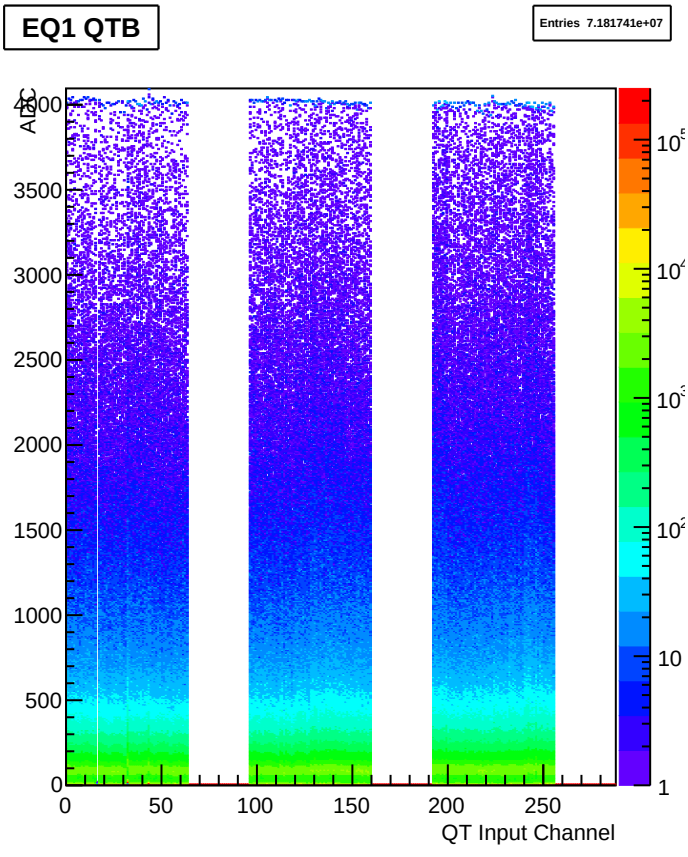

BBQ-ZD001 (ZDC TOWER)
Entries 3989856
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

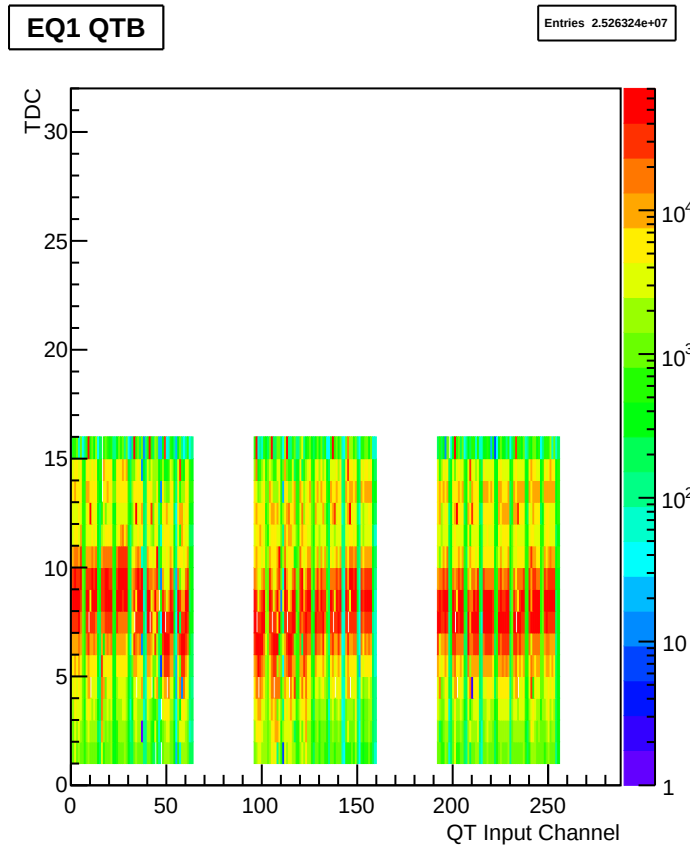

BBQ-VP001 East
Entries 3989856
ADC
QT Input Channel

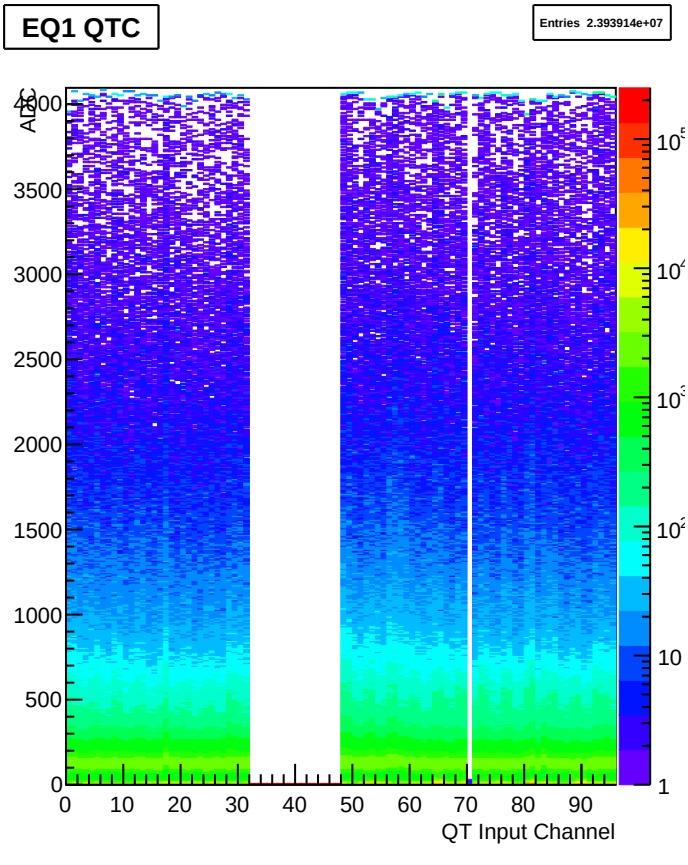

BBQ-VP001 East
Entries 3989856
TADC
QT Input Channel

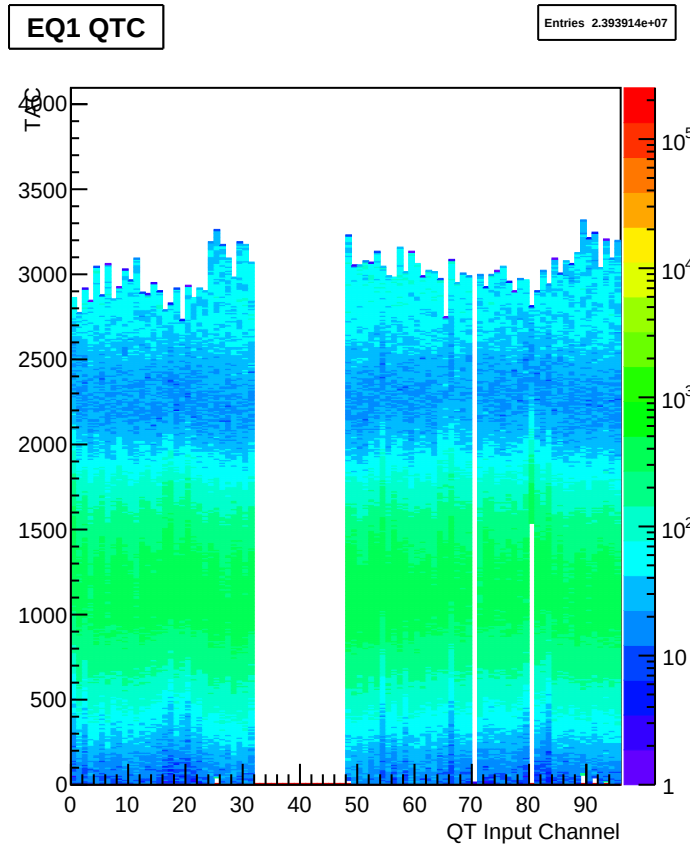

BBQ-VP002 West
Entries 3989856
ADC
QT Input Channel

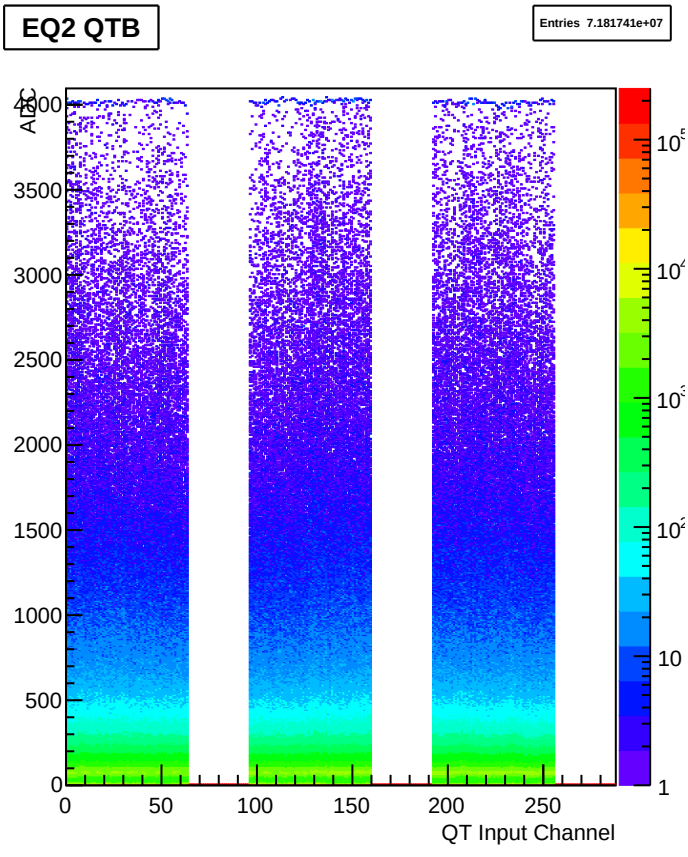

BBQ-VP002 West
Entries 3989856
TADC
QT Input Channel

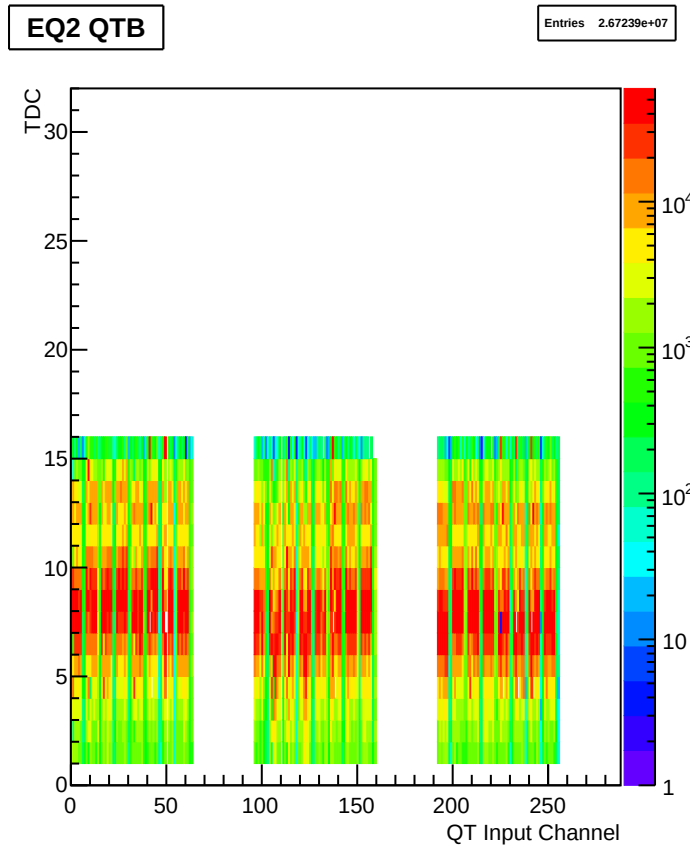

EQ1 QTB
Entries 7.181741e+07
ADC
QT Input Channel

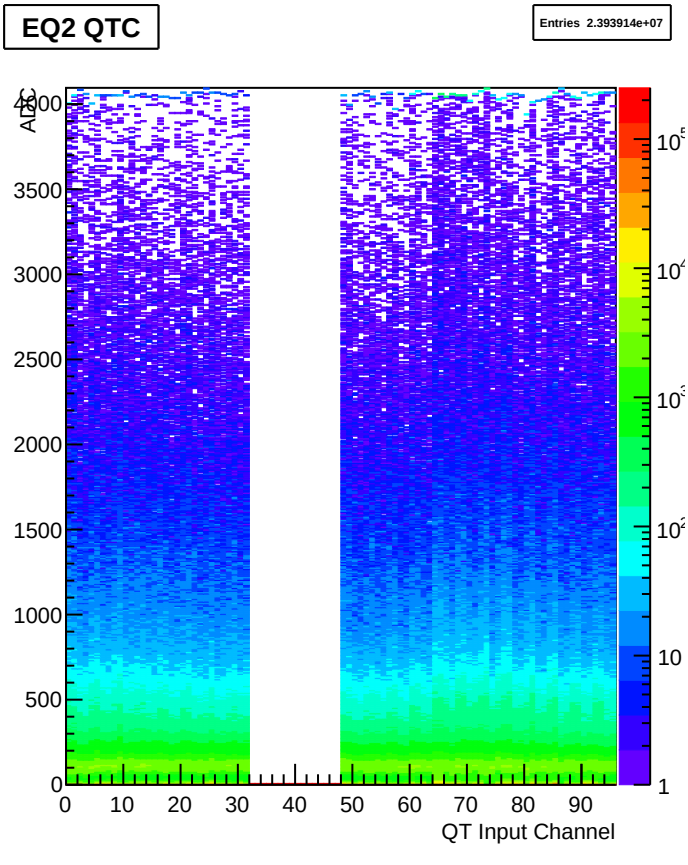

EQ1 QTB
Entries 2.526324e+07
TDC
QT Input Channel

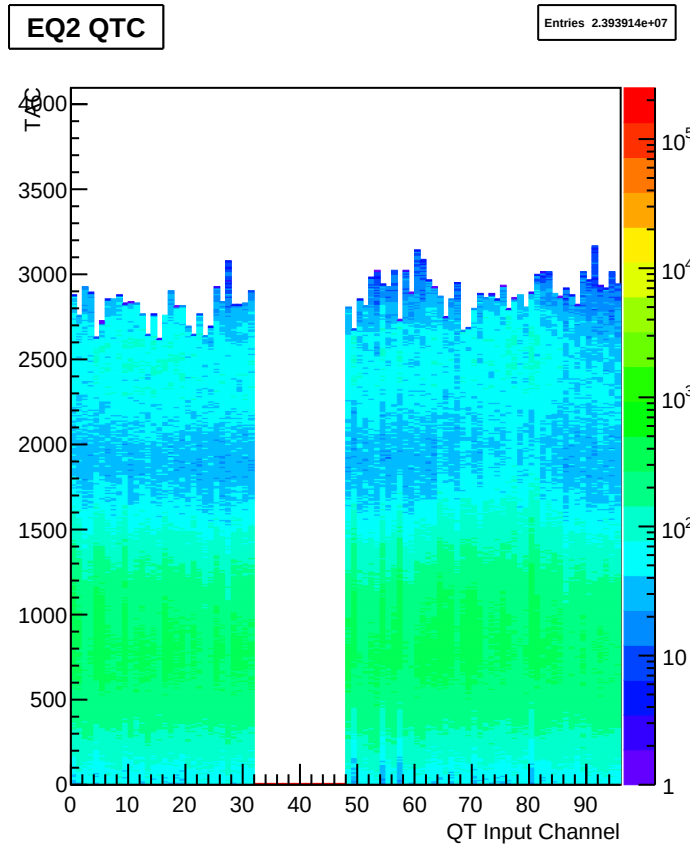

EQ1 QTC
Entries 2.393914e+07
ADC
QT Input Channel

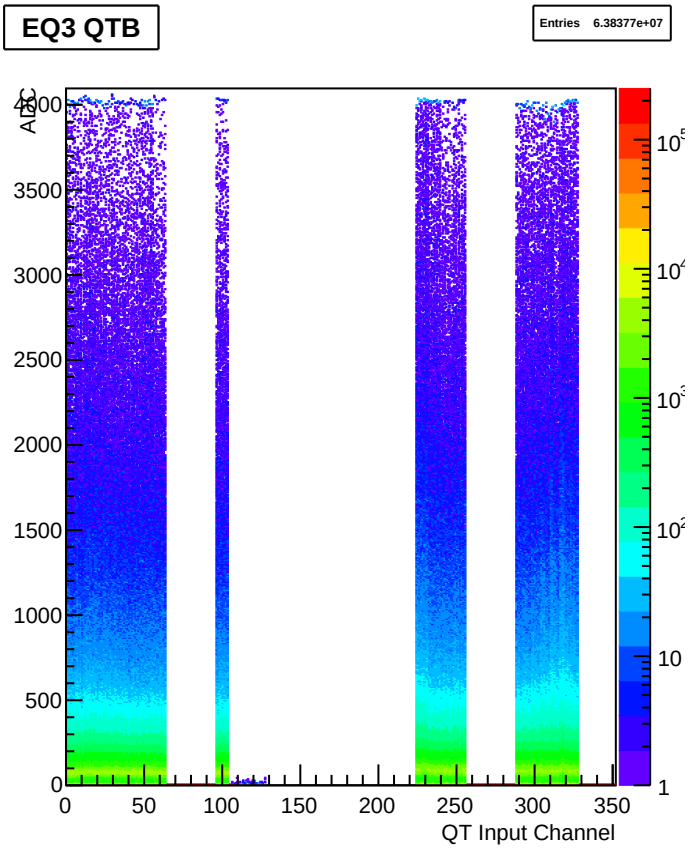

EQ1 QTC
Entries 2.393914e+07
TADC
QT Input Channel

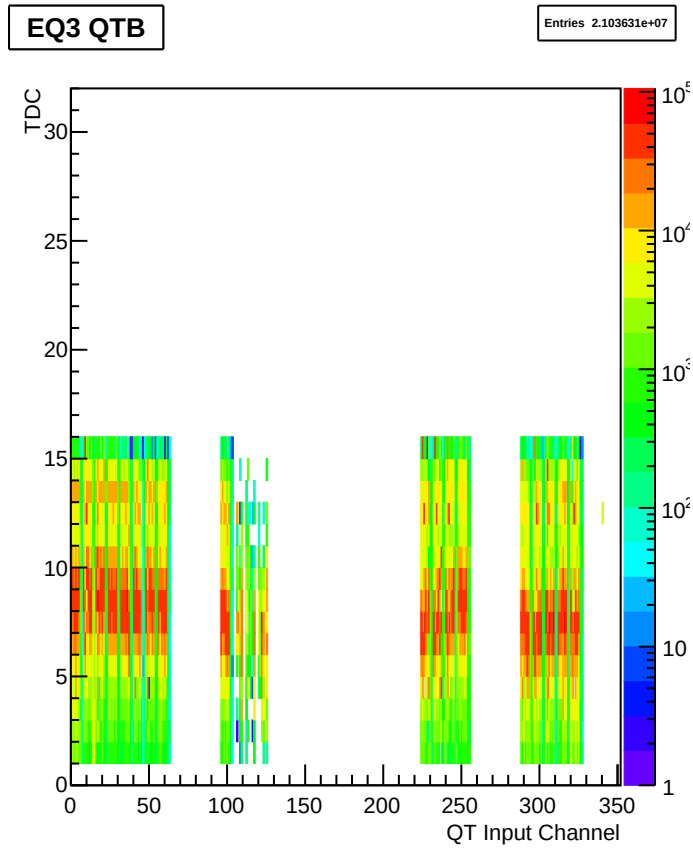

EQ2 QTB
Entries 7.181741e+07
ADC
QT Input Channel

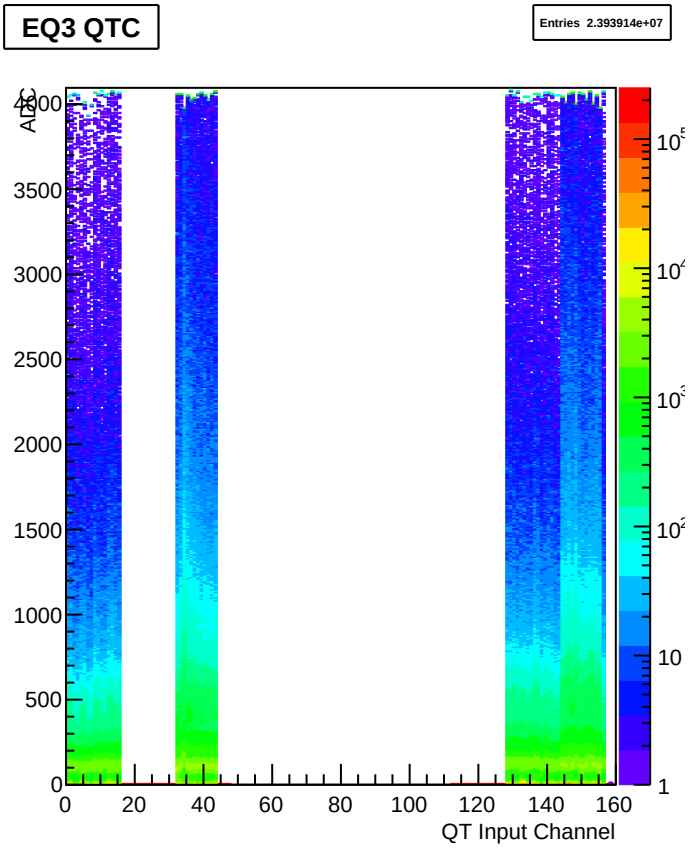

EQ2 QTB
Entries 2.67239e+07
TDC
QT Input Channel

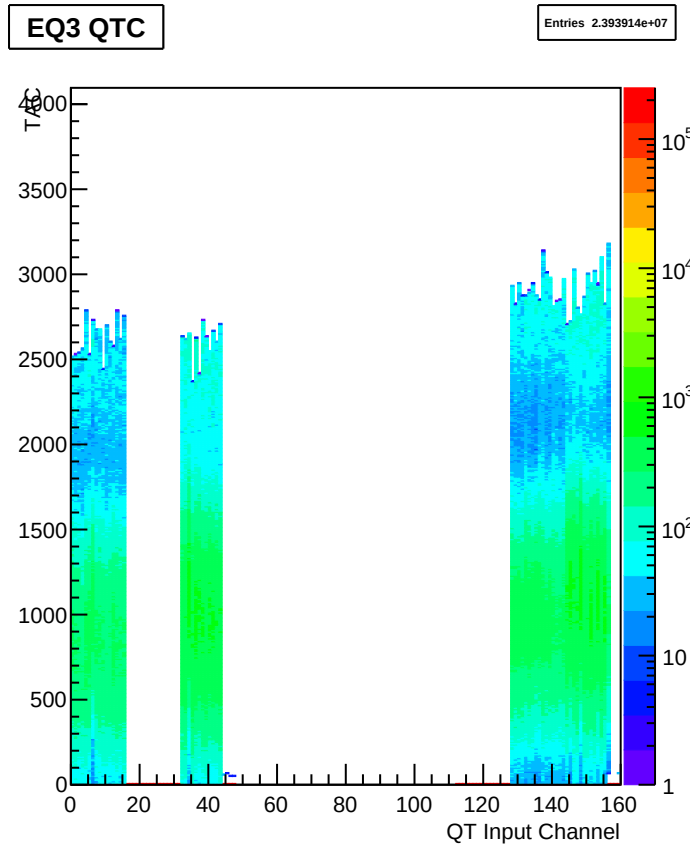

EQ2 QTC
Entries 2.393914e+07
ADC
QT Input Channel

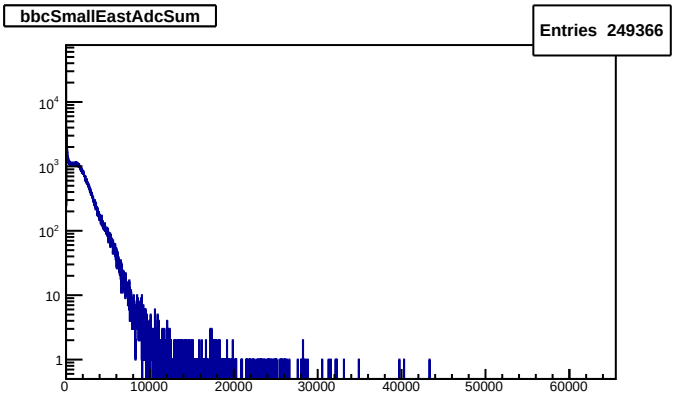

EQ2 QTC
Entries 2.393914e+07
TADC
QT Input Channel

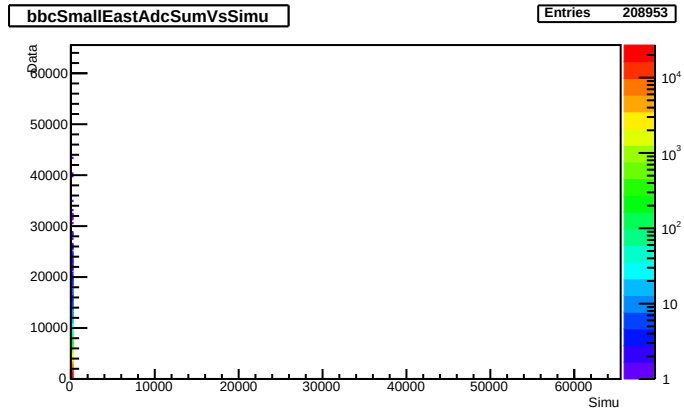

EQ3 QTB
Entries 6.38377e+07
ADC
QT Input Channel

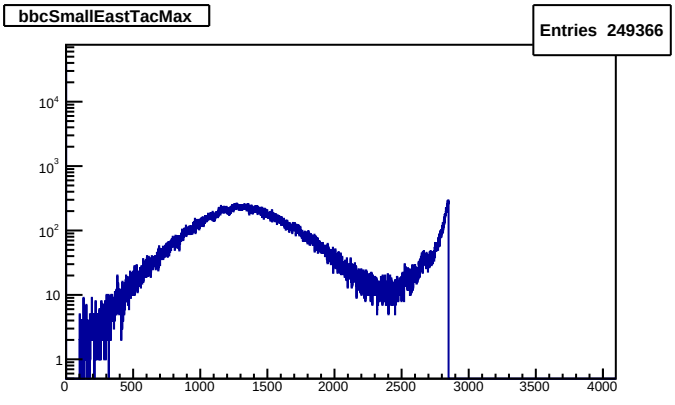

EQ3 QTB
Entries 2.103631e+07
TDC
QT Input Channel

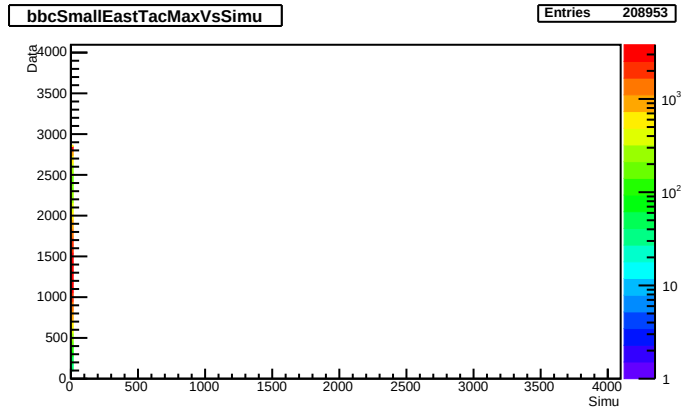

EQ3 QTC
Entries 2.393914e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.393914e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 249366


bbcSmallEastAdcSumVsSimu
Entries 208953
Data
Simu


bbcSmallEastTacMax
Entries 249366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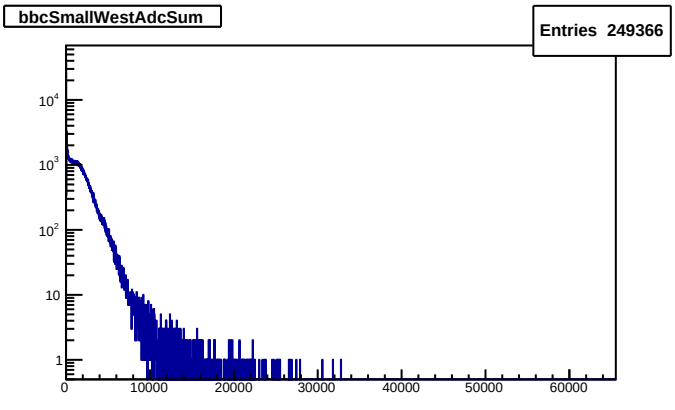
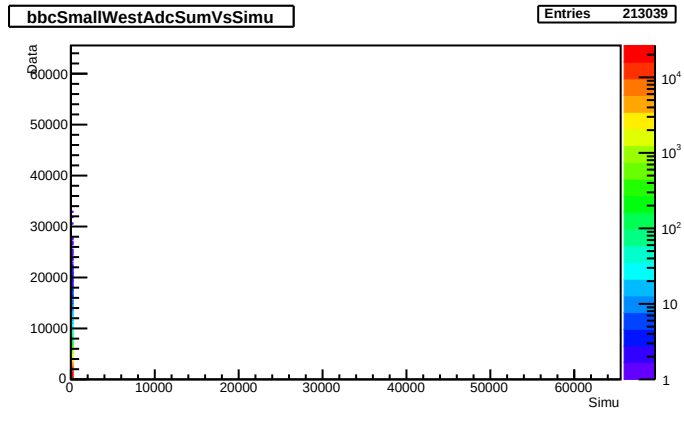
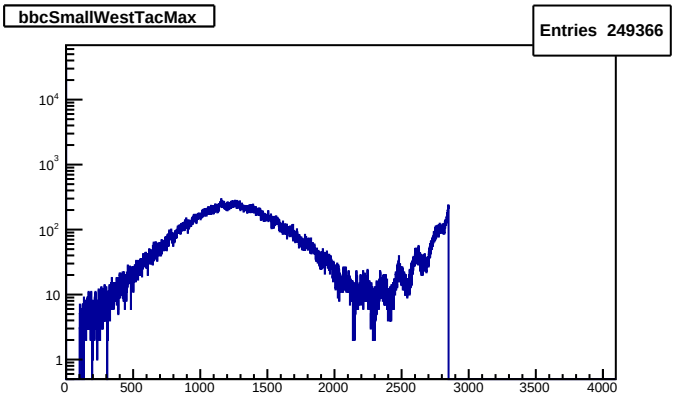
Entries 208953
Data
Simu


bbcSmallWestAdcSum
Entries 249366


bbcSmallWestAdcSumVsSimu
Entries 213039
Data
Simu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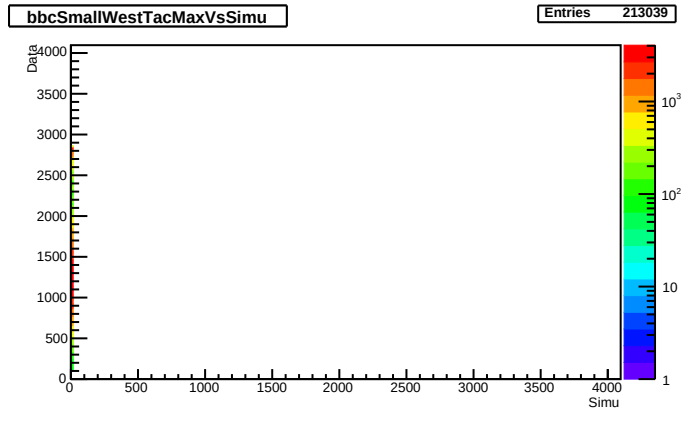
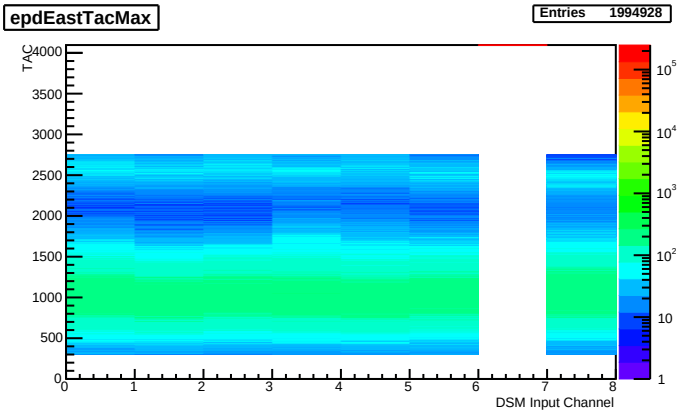
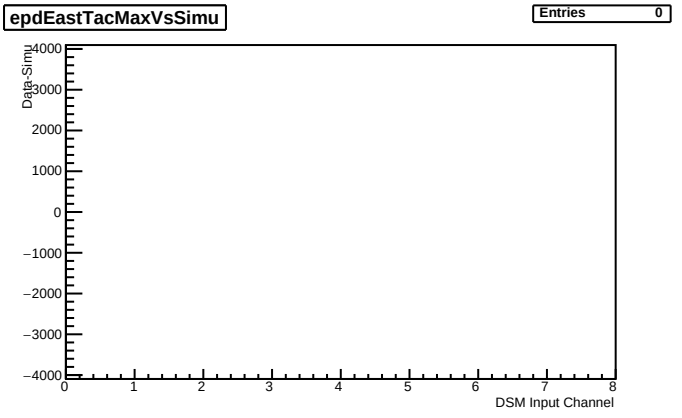
Entries 249366


bbcSmallWestTacMaxVsSimu
Entries 213039
Data
Simu


epdEastTacMax
Entries 1994928
TAC
DSM Input Channel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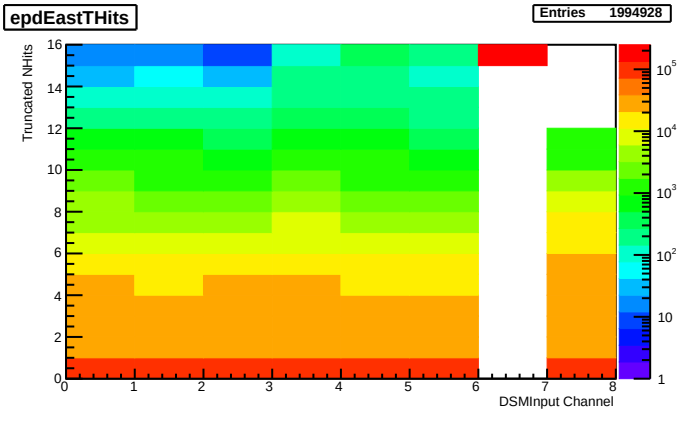
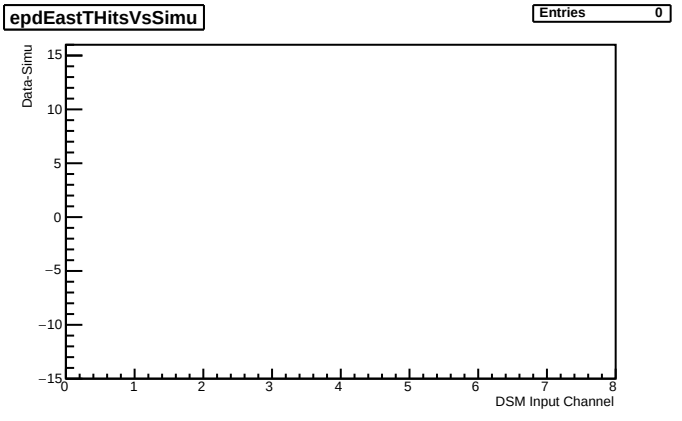
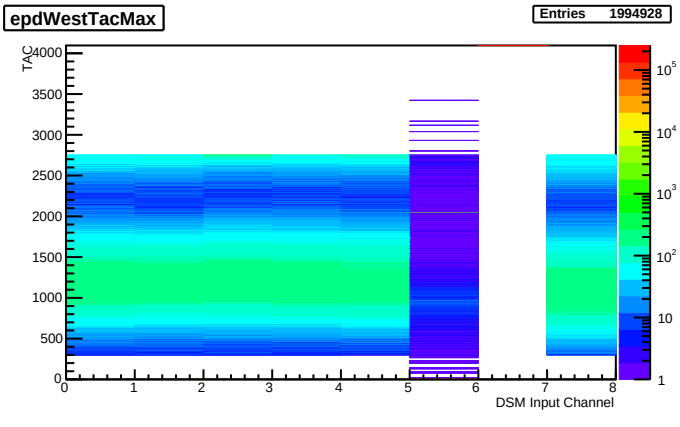
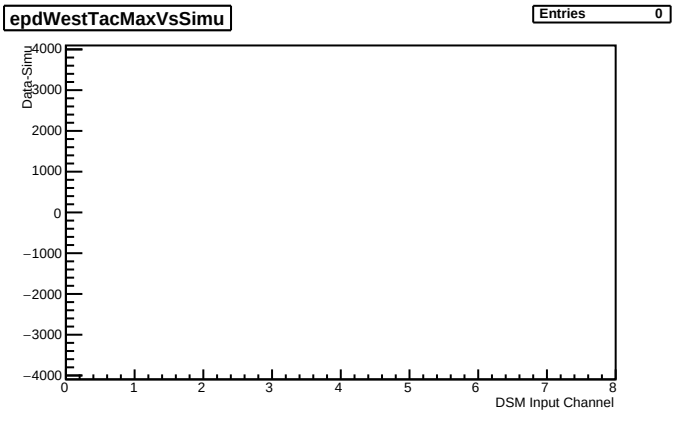
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1994928
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1994928
TAC
DSM Input Channel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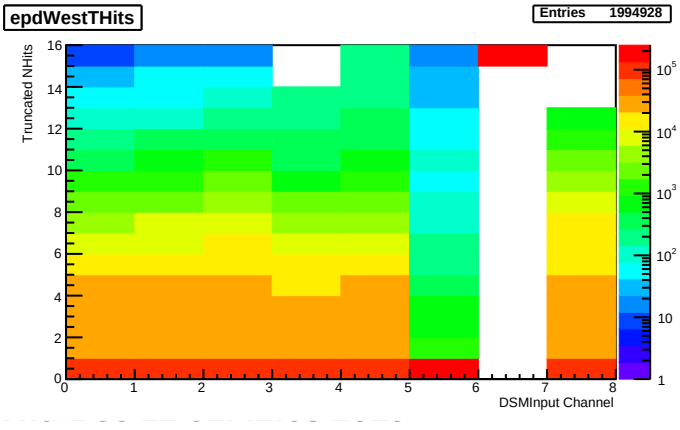
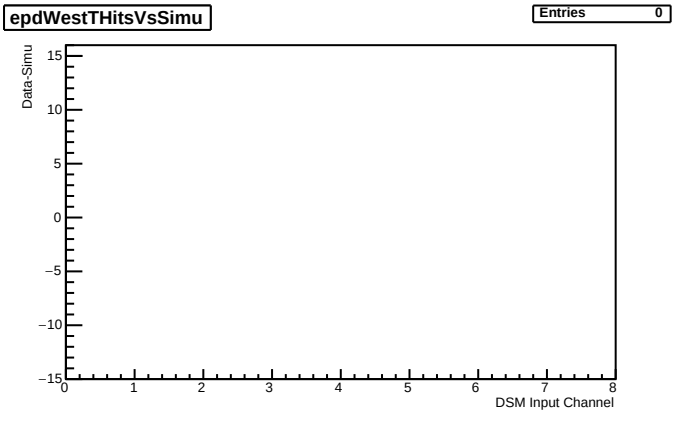
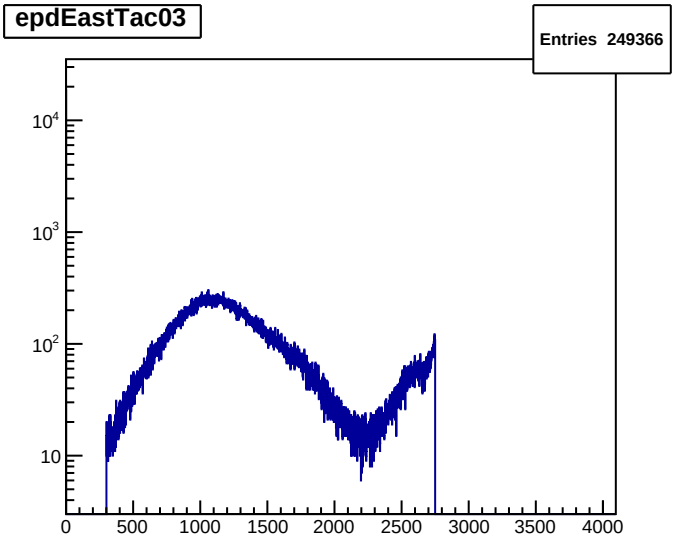
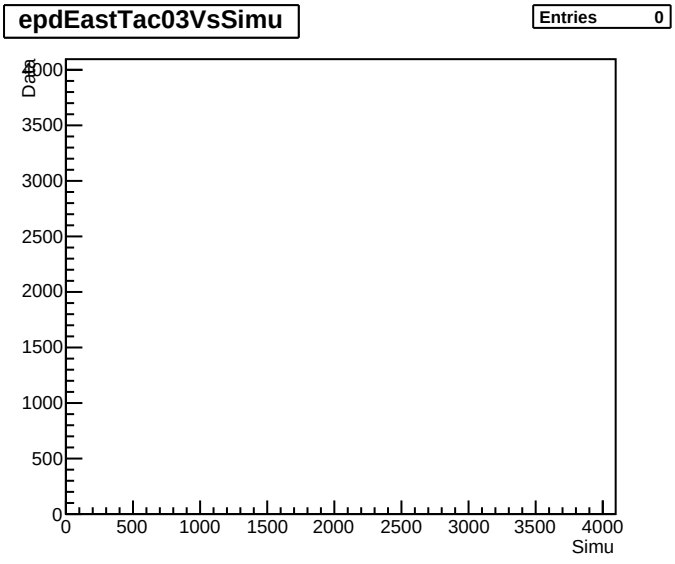
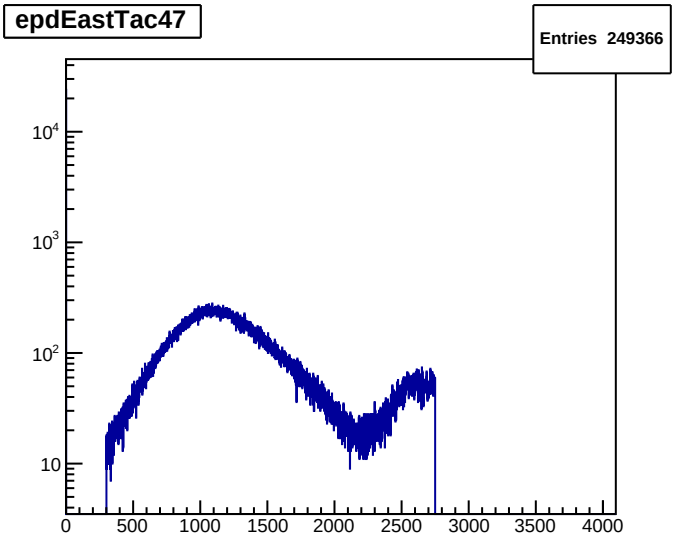
Entries 0
Data-Simu
DSM Input Channel

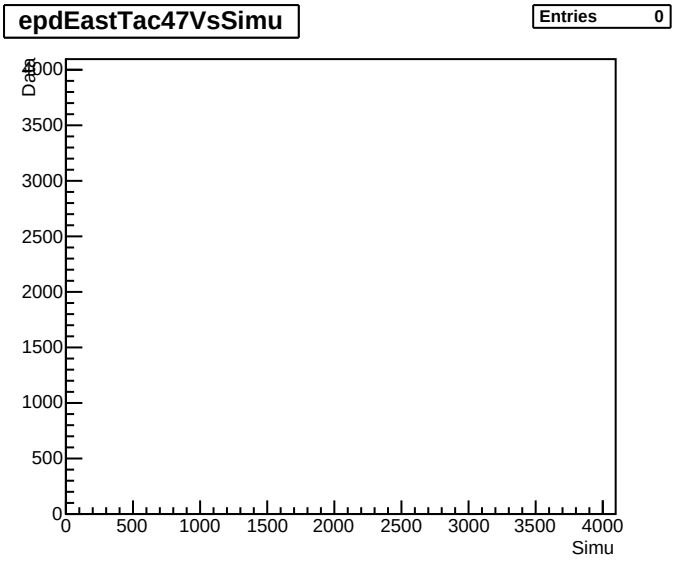

epdWestTHits
Entries 1994928
Truncated NHits
DSMInput Channel

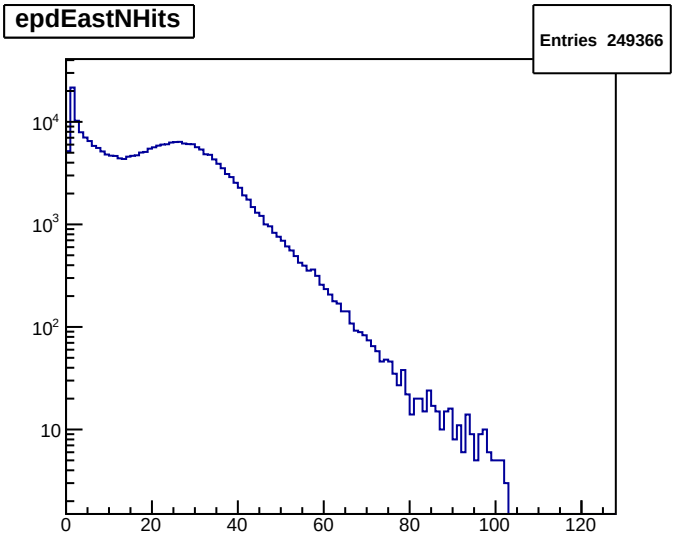

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

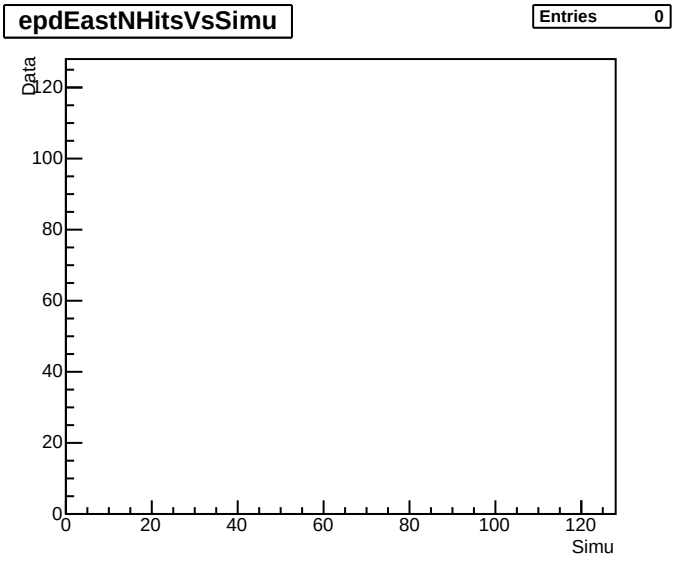

epdEastTac03
Entries 249366


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 249366


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 249366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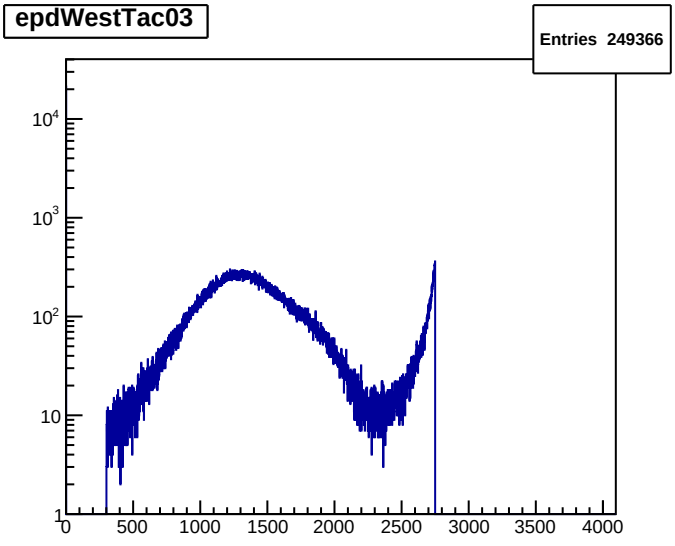
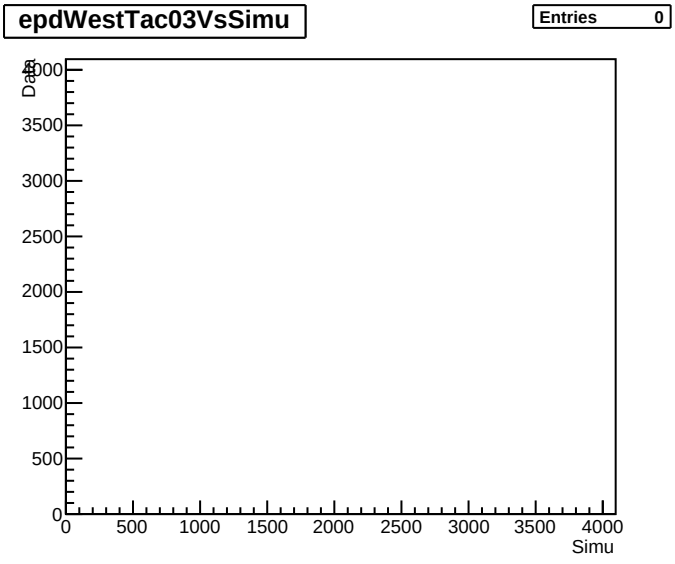
Entries 0
Data
Simu


epdWestTac03
Entries 249366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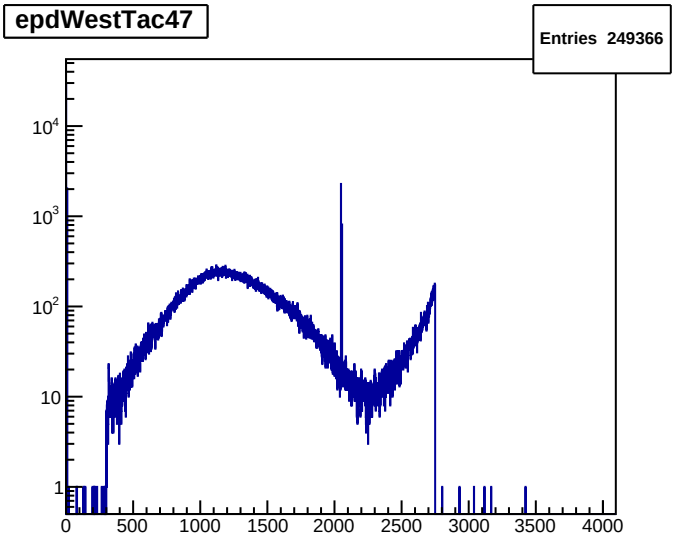
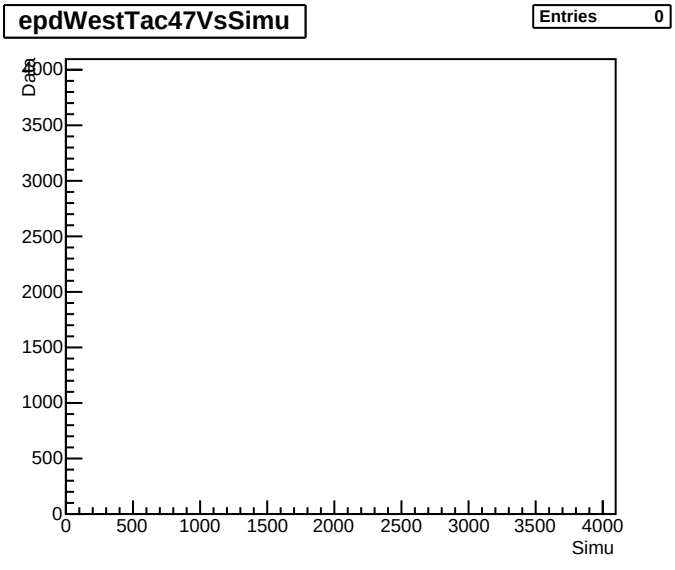
Entries 0
Data
Simu


epdWestTac47
Entries 249366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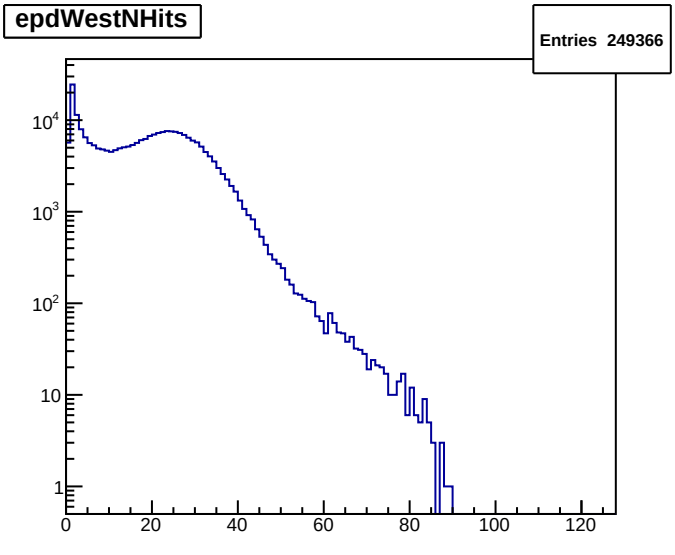
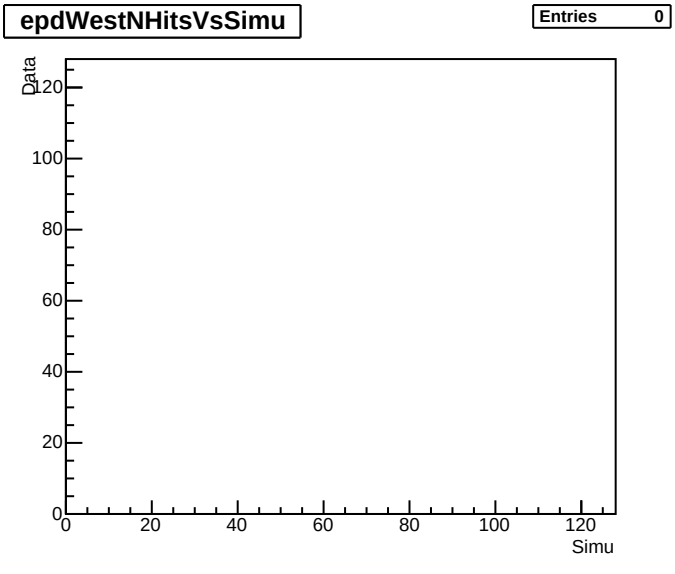
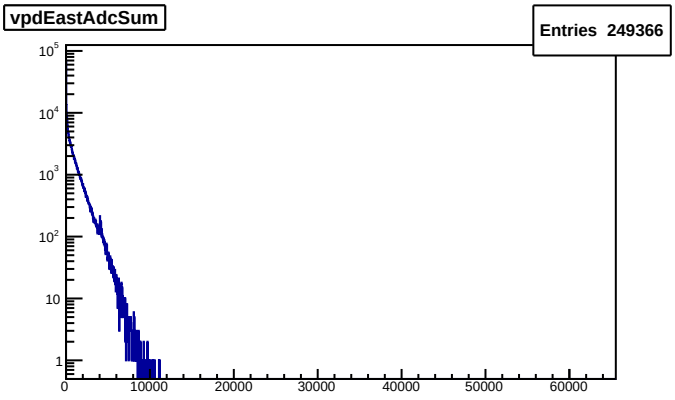
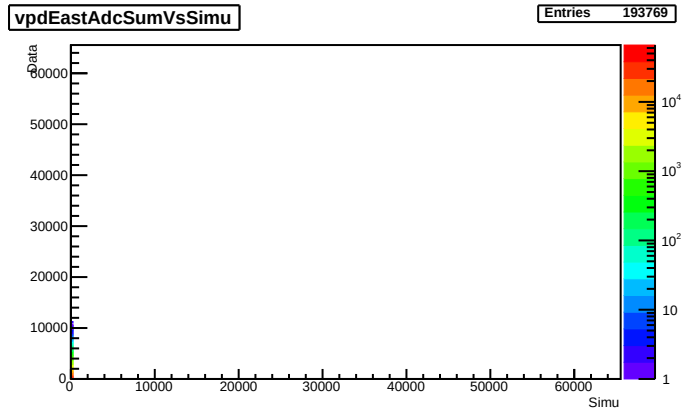
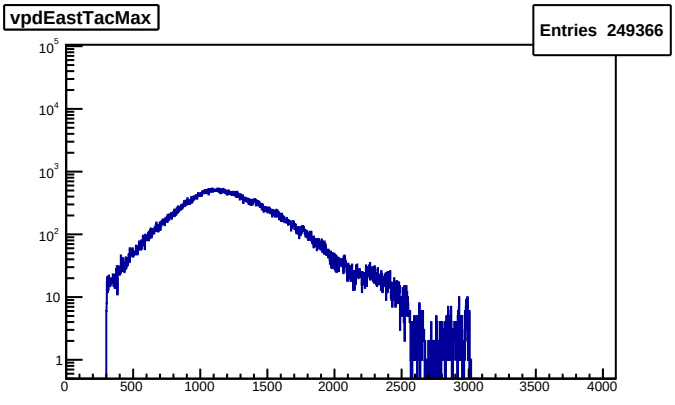
Entries 0
Data
Simu

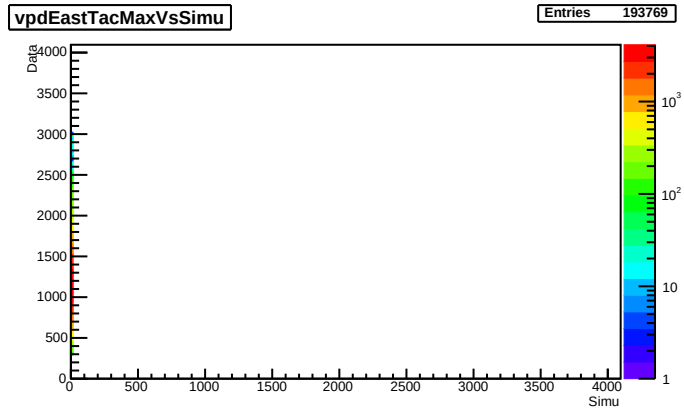

epdWestNHits
Entries 249366

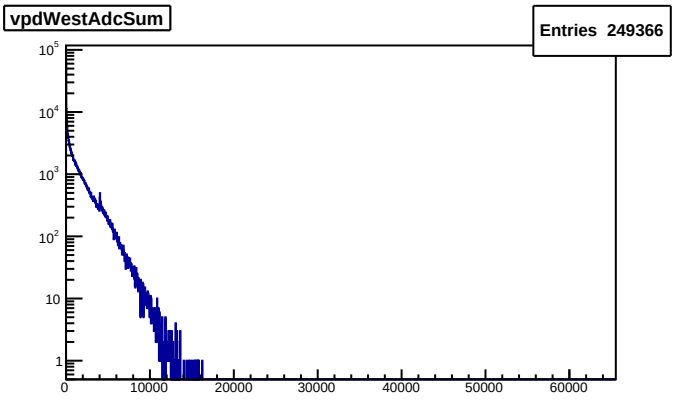

epdWestNHitsVsSimu
Entries 0
Data
Simu

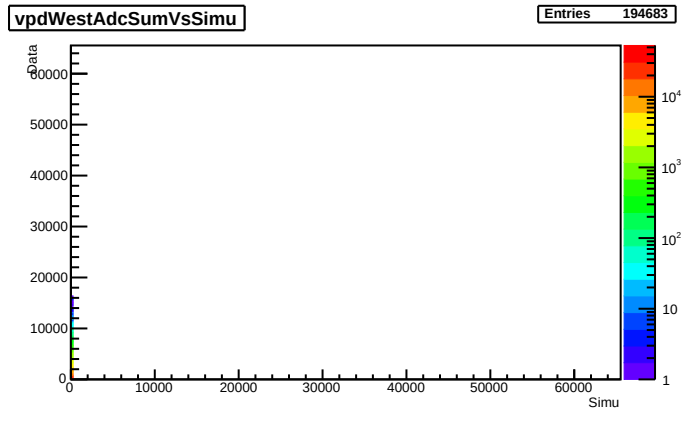

vpdEastAdcSum
Entries 249366

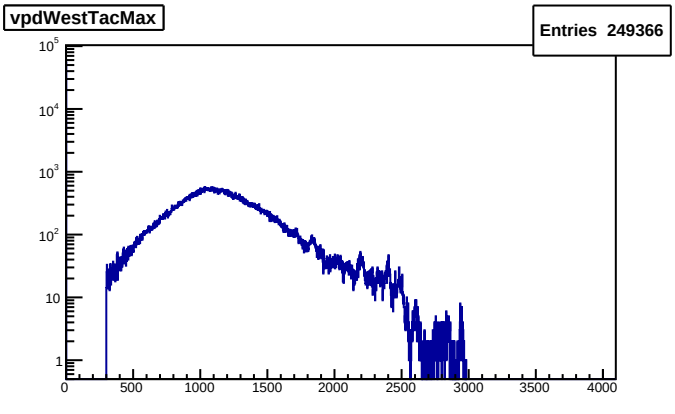

vpdEastAdcSumVsSimu
Entries 193769
Data
Simu

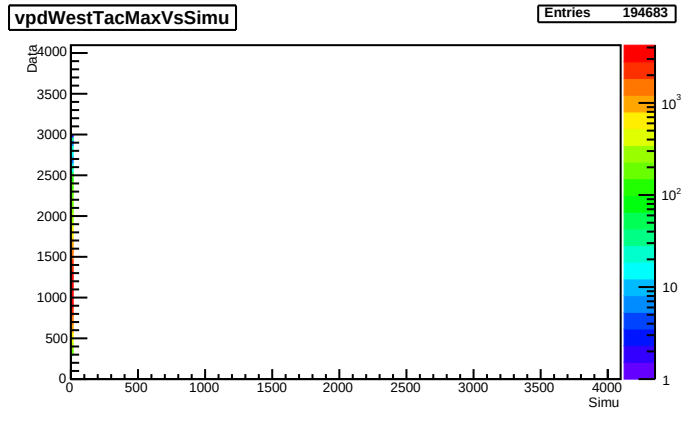

vpdEastTacMax
Entries 249366

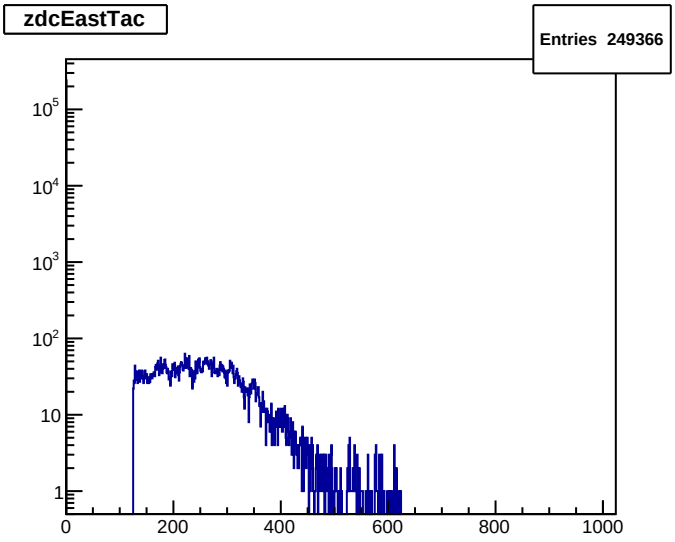

vpdEastTacMaxVsSimu
Entries 193769
Data
Simu

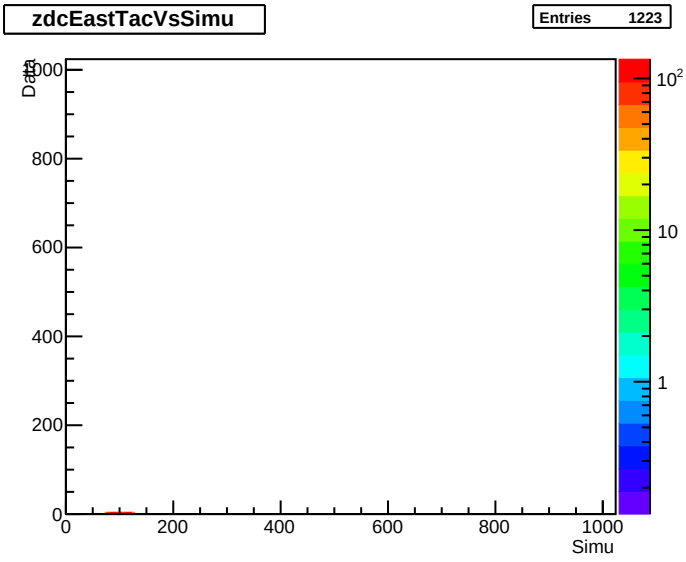

vpdWestAdcSum
Entries 249366

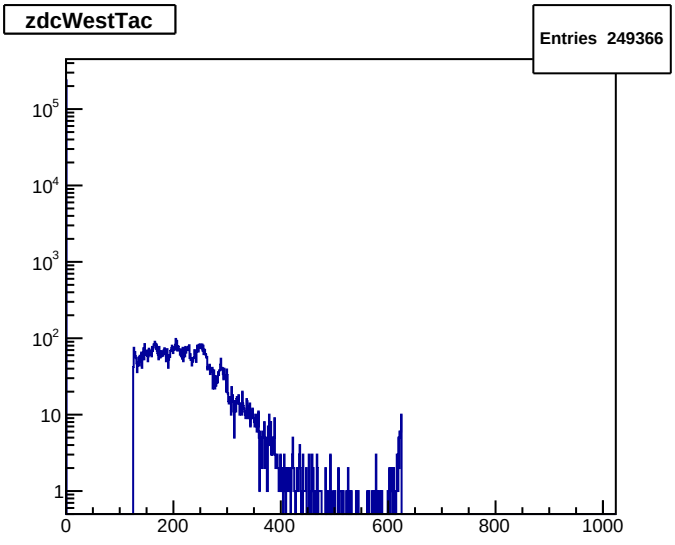

vpdWestAdcSumVsSimu
Entries 194683
Data
Simu

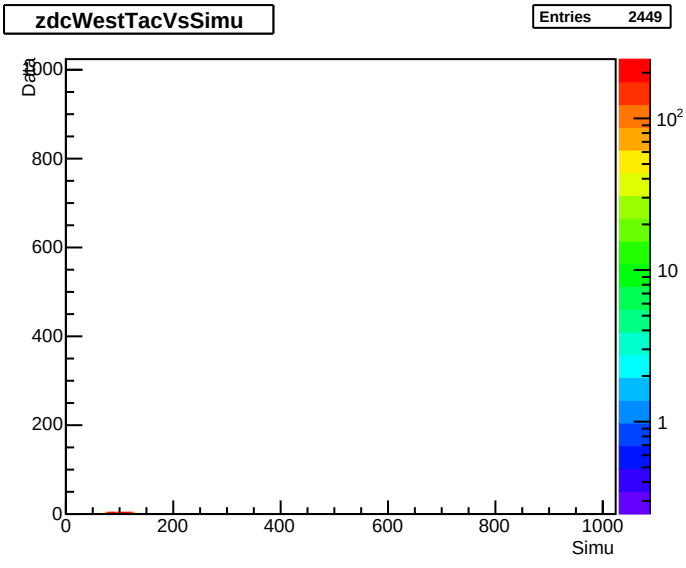

vpdWestTacMax
Entries 249366

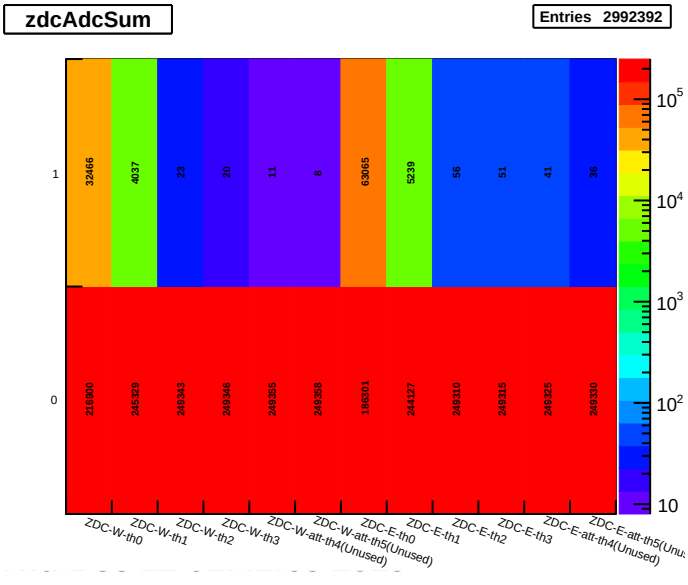

vpdWestTacMaxVsSimu
Entries 194683
Data
Simu

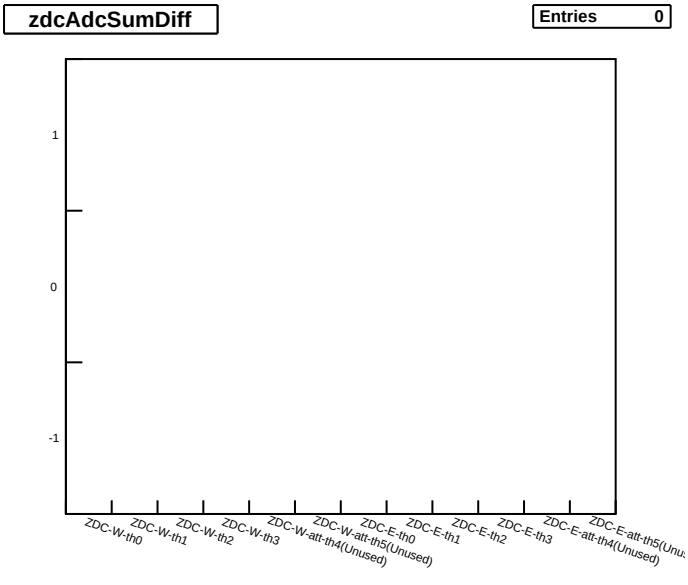

zdcEastTac
Entries 249366

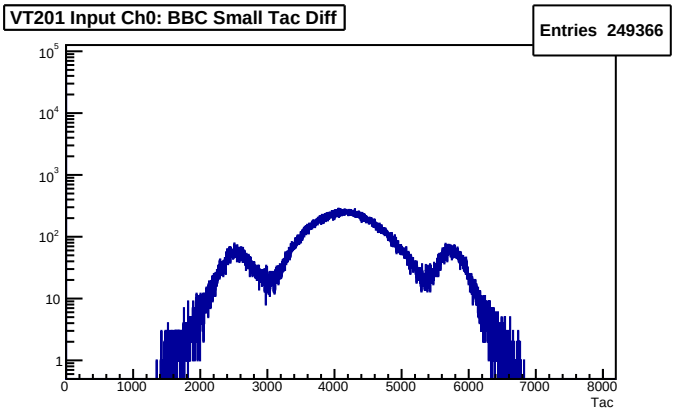

zdcEastTacVsSimu
Entries 1223
Data
Simu

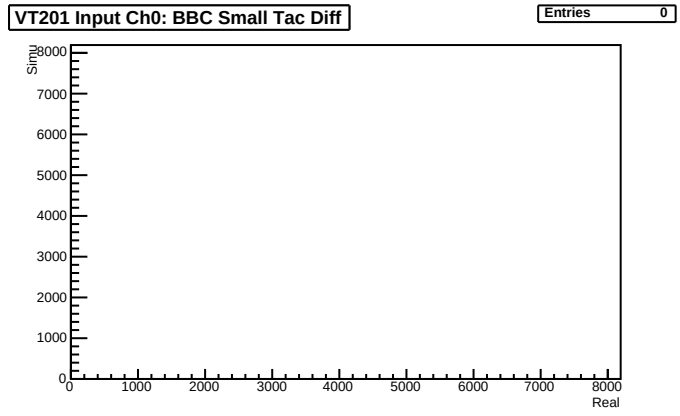

zdcWestTac
Entries 249366

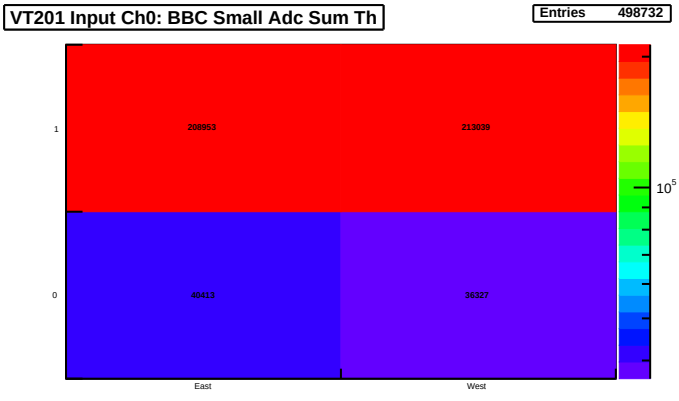

zdcWestTacVsSimu
Entries 2449
Data
Simu

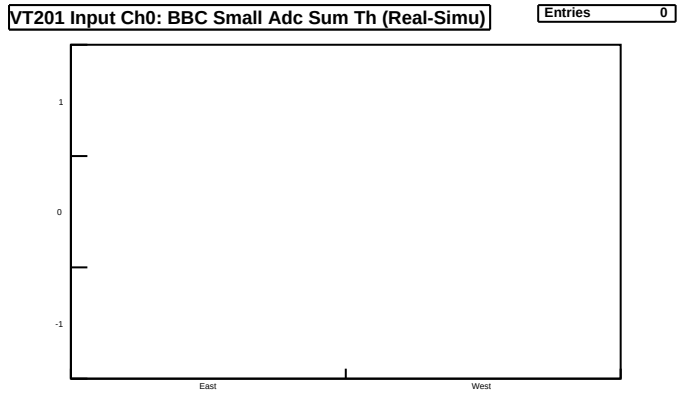

zdcAdcSum
Entries 2992392
32466
4037
23
20
11
8
63065
5239
56
51
41
36
216900
245329
249343
249346
249355
249358
186301
244127
249310
249315
249325
249330
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

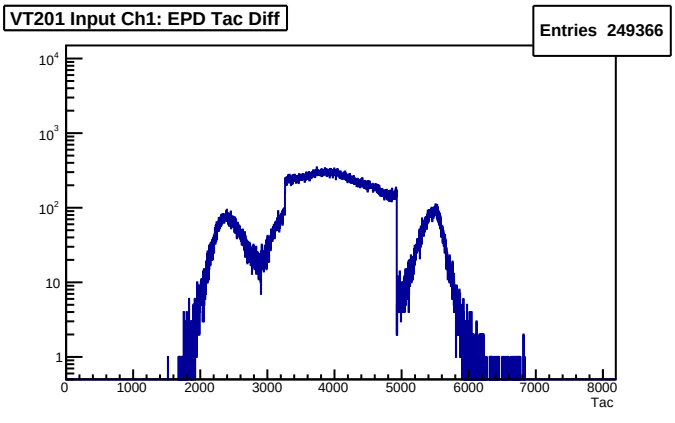

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

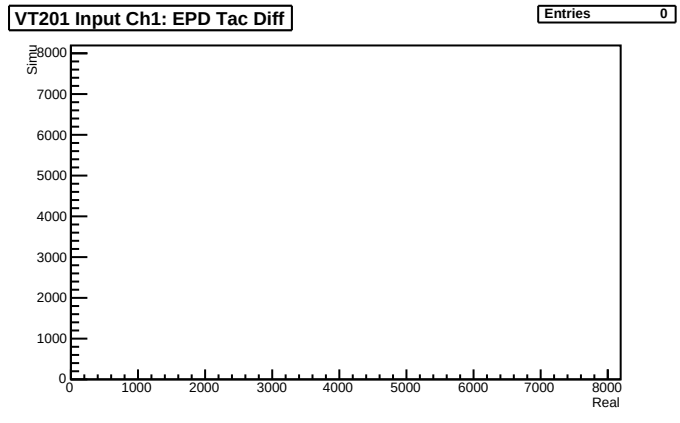

VT201 Input Ch0: BBC Small Tac Diff
Entries 249366
Tac

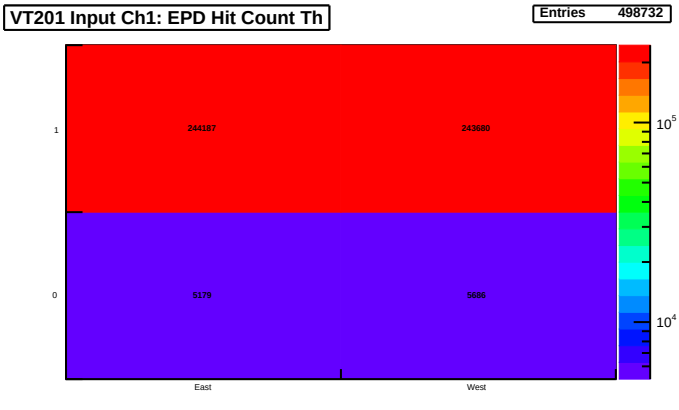

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

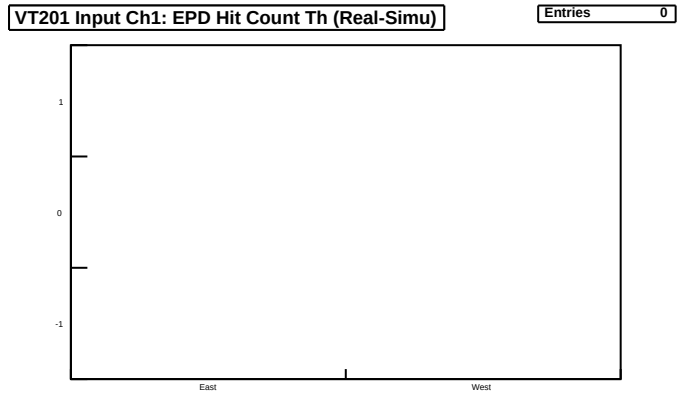

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 498732
208953
213039
40413
36327
East
West

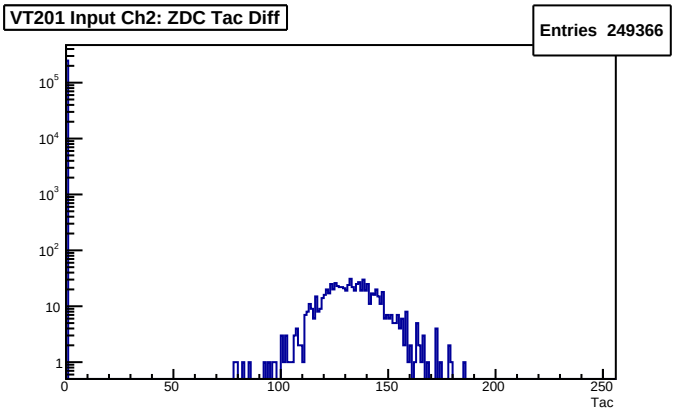

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

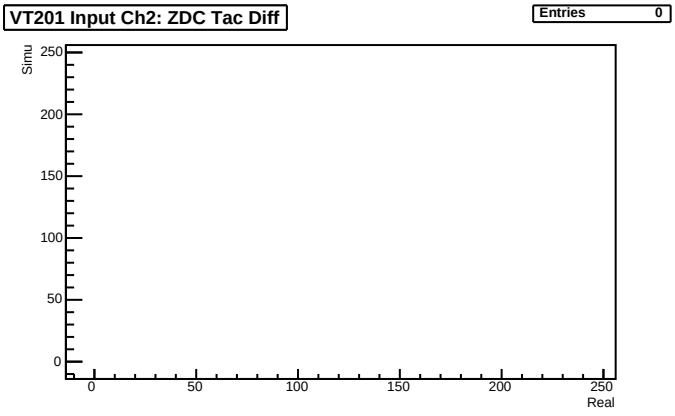

VT201 Input Ch1: EPD Tac Diff
Entries 249366
Tac

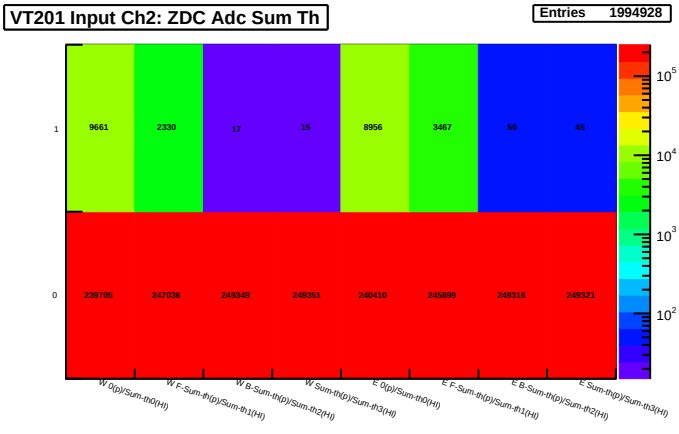

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

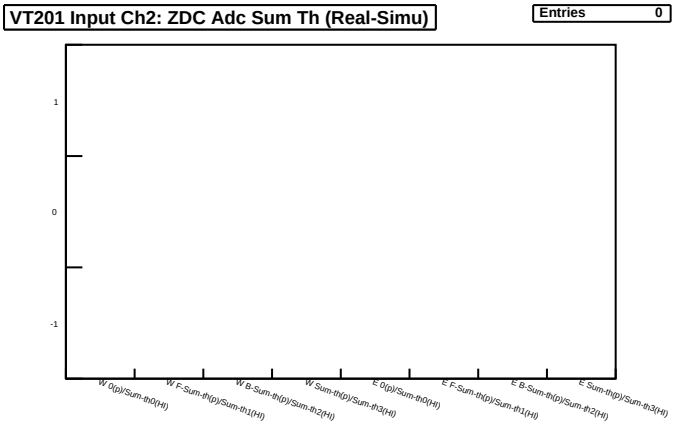

VT201 Input Ch1: EPD Hit Count Th
Entries 498732
244187
243680
5179
5686
East
West

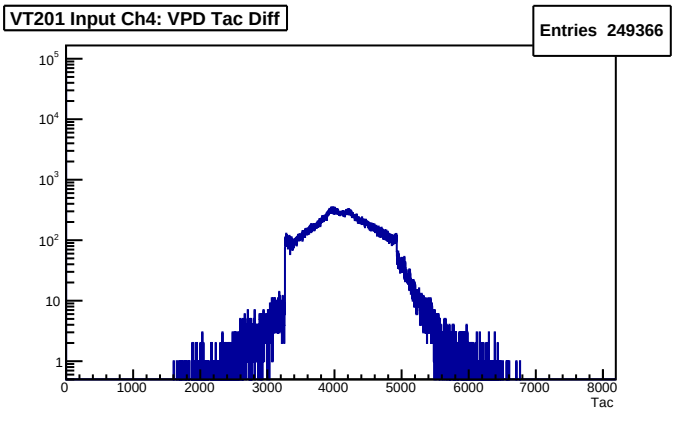

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

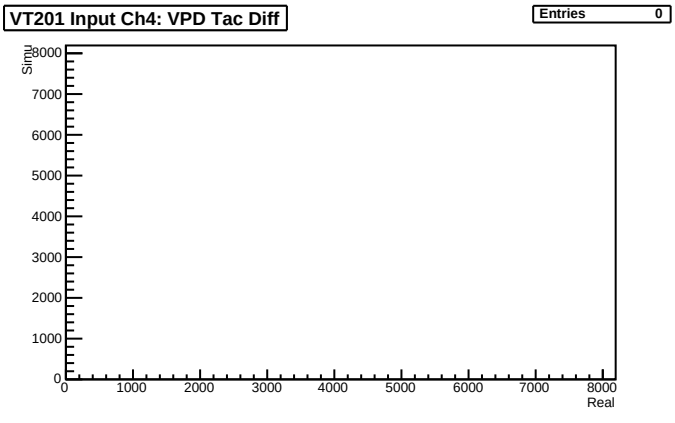

VT201 Input Ch2: ZDC Tac Diff
Entries 249366
Tac

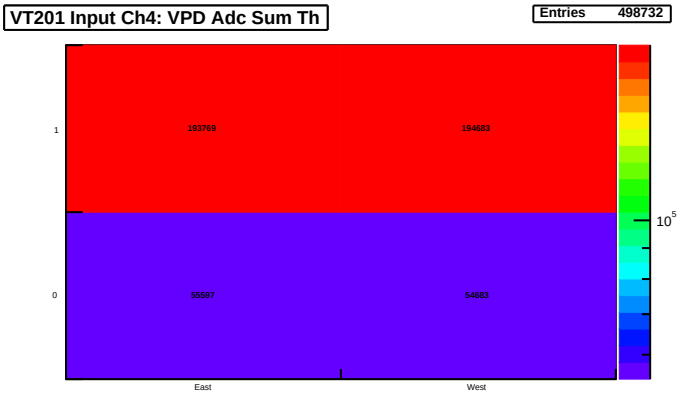

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

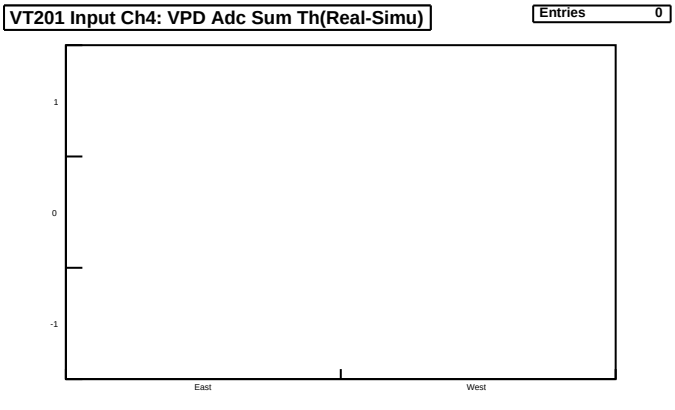

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1994928
9661
2330
17
15
8956
3467
50
45
239705
247036
249349
249351
240410
245899
249316
249321
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

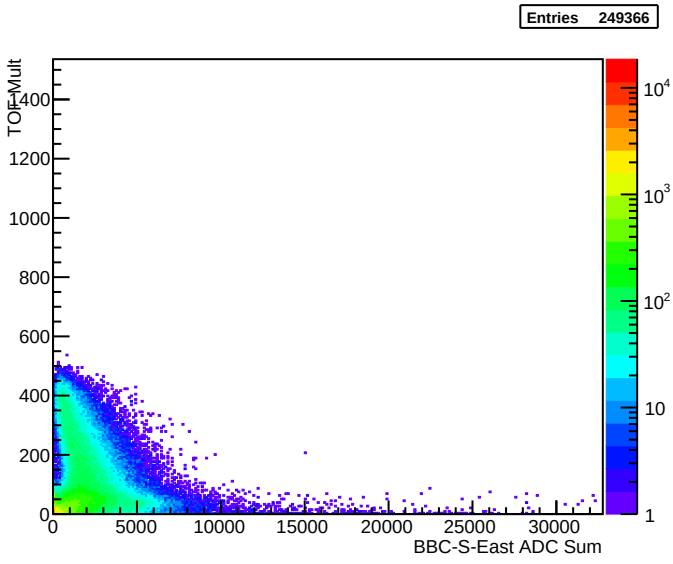

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

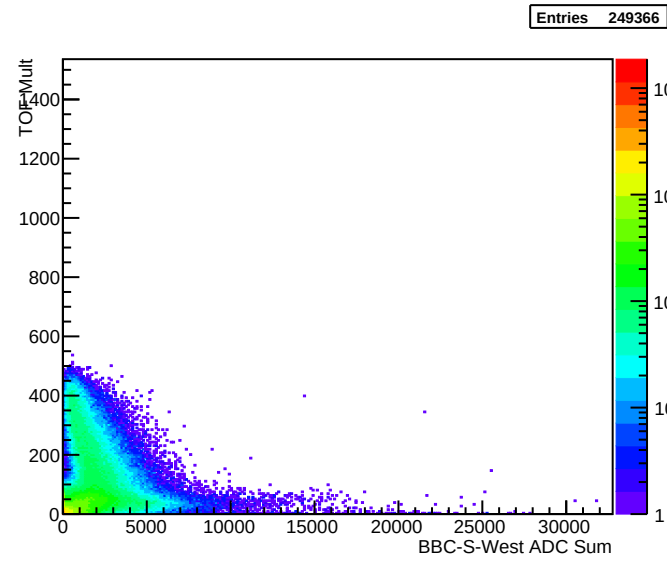

VT201 Input Ch4: VPD Tac Diff
Entries 249366
Tac

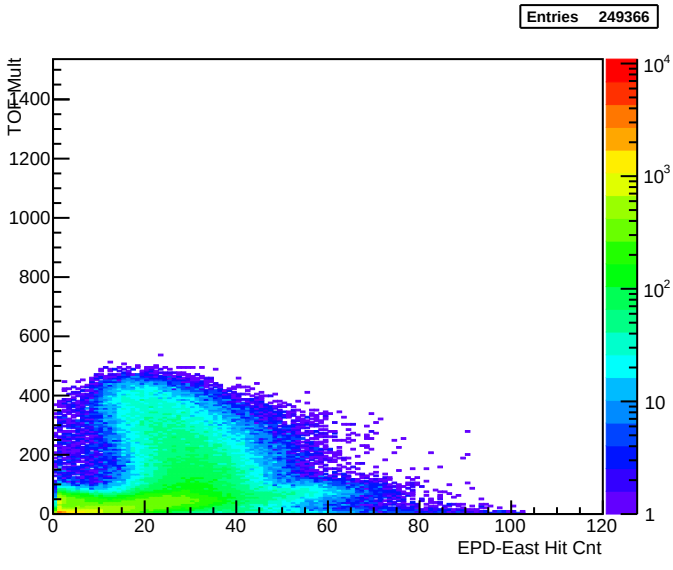

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

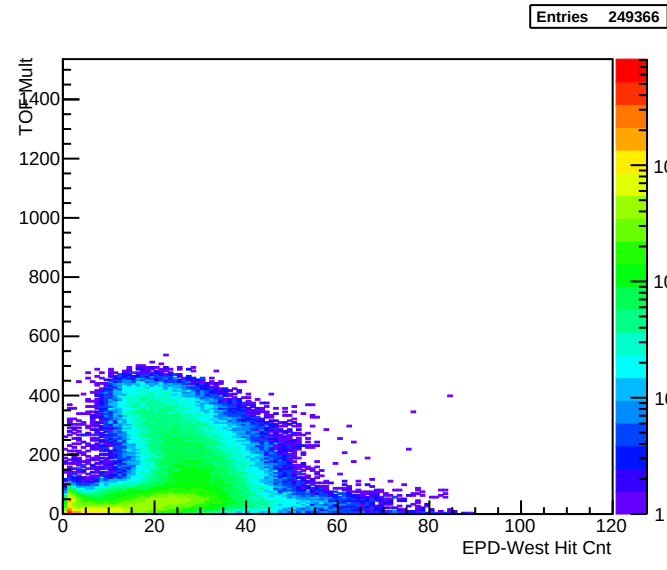

VT201 Input Ch4: VPD Adc Sum Th
Entries 498732
193769
194683
55597
54683
East
West

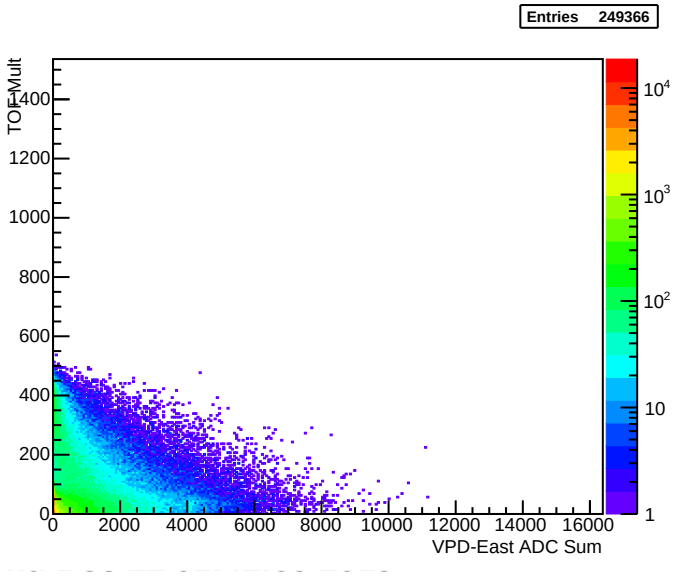

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

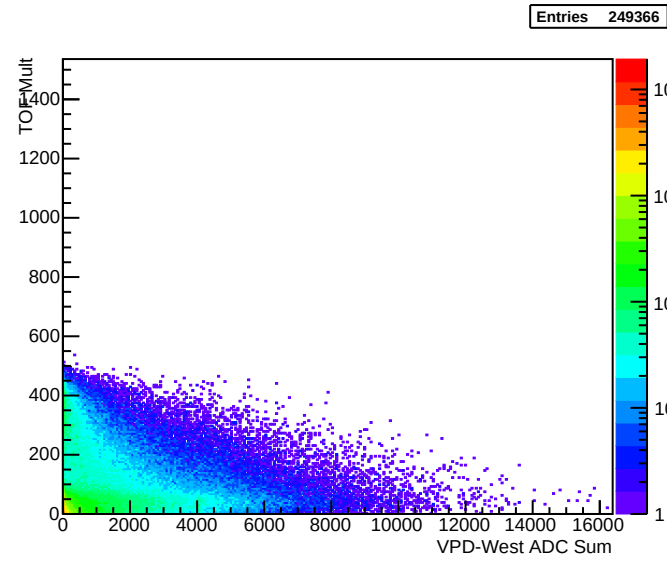

Entries 249366
TOF-Mult
BBC-S-East ADC Sum

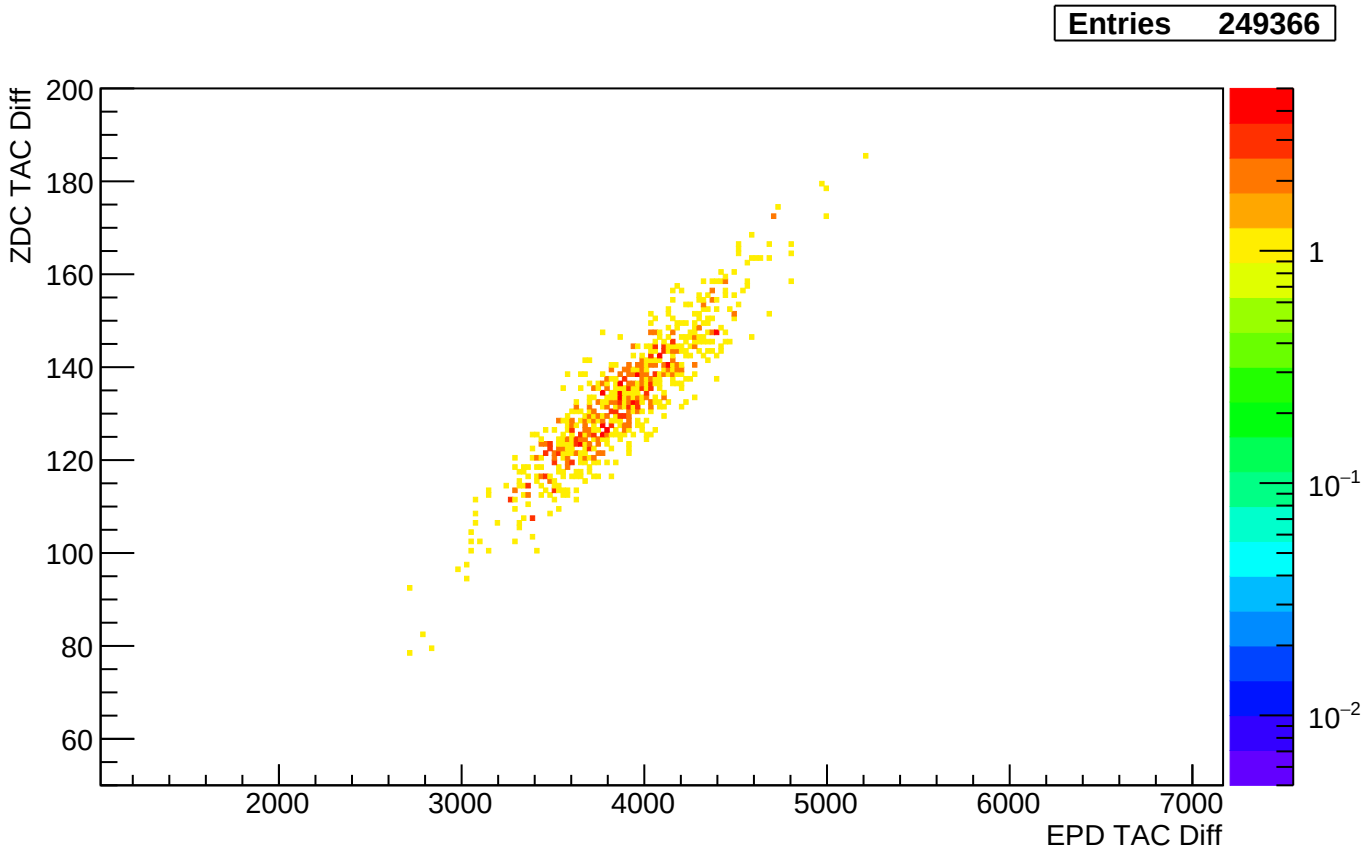

Entries 249366
TOF-Mult
BBC-S-West ADC Sum

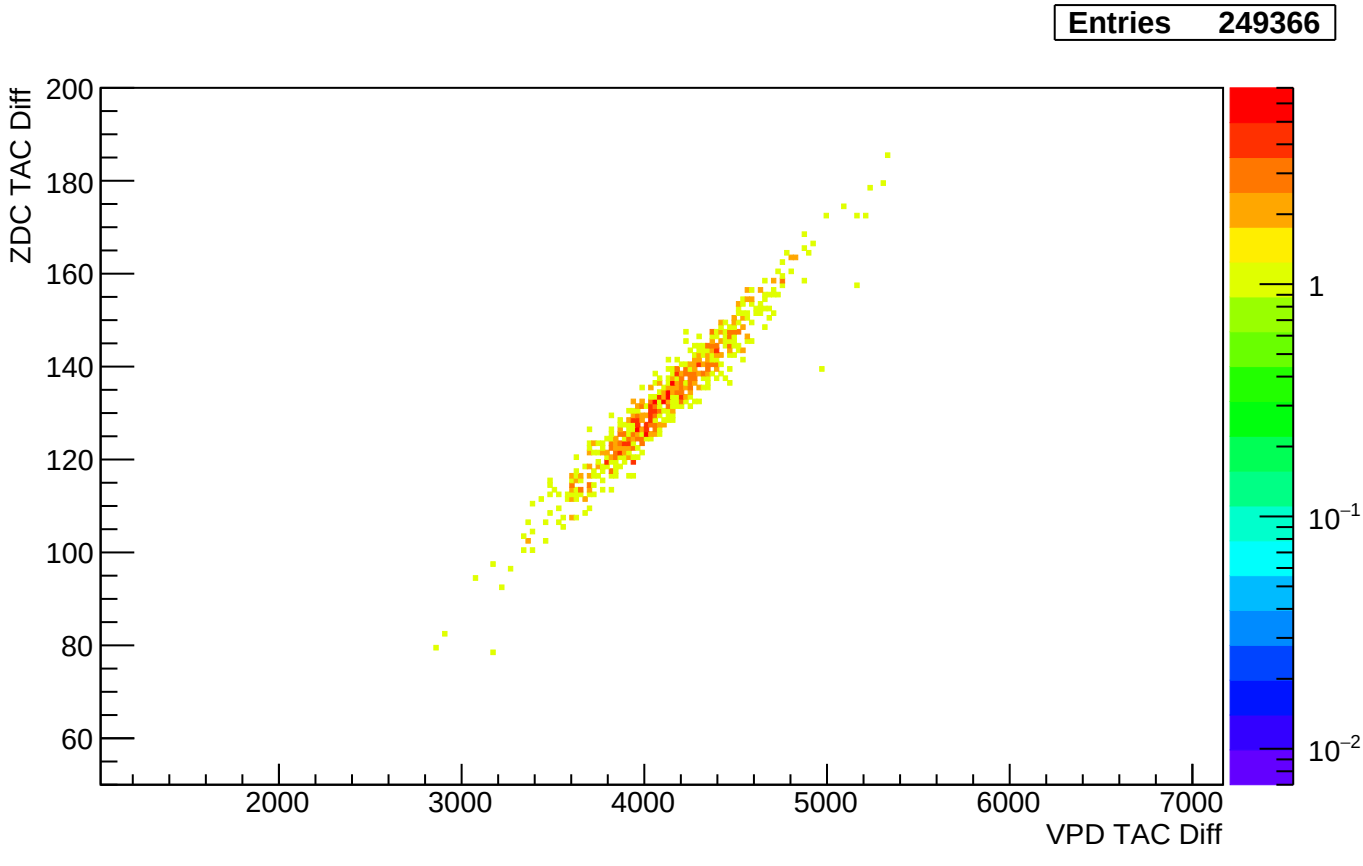

Entries 249366
TOF-Mult
EPD-East Hit Cnt

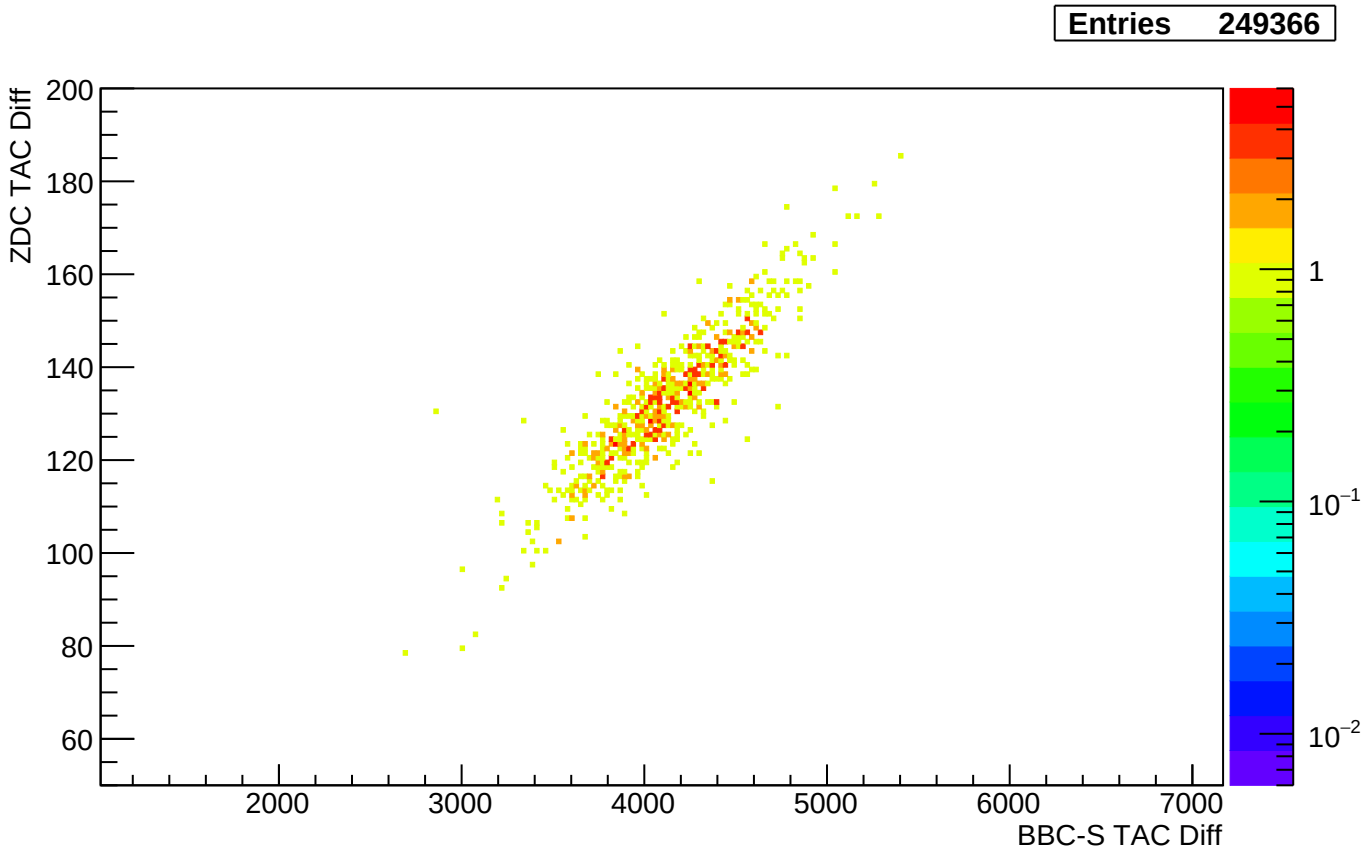

Entries 249366
TOF-Mult
EPD-West Hit Cnt

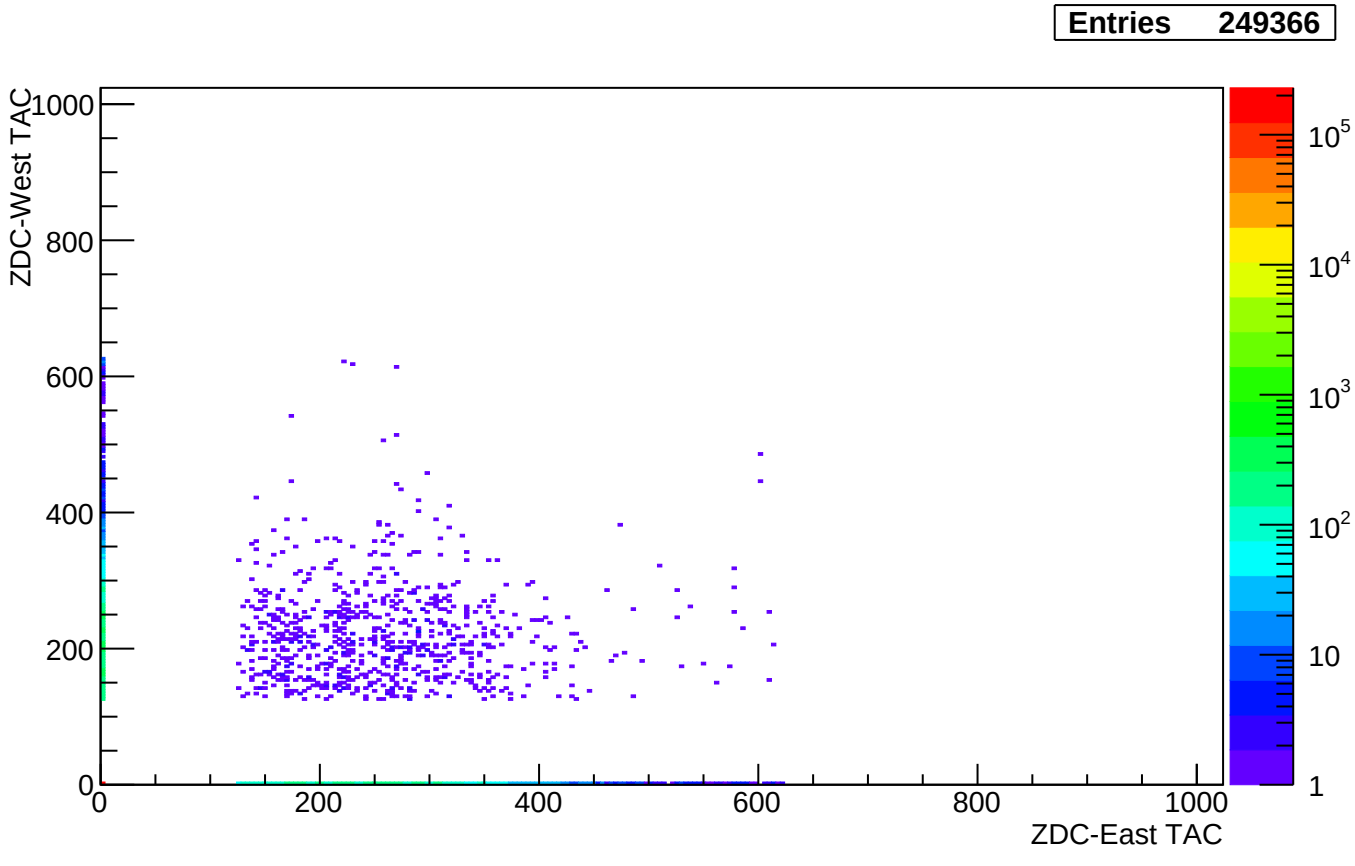

Entries 249366
TOF-Mult
VPD-East ADC Sum

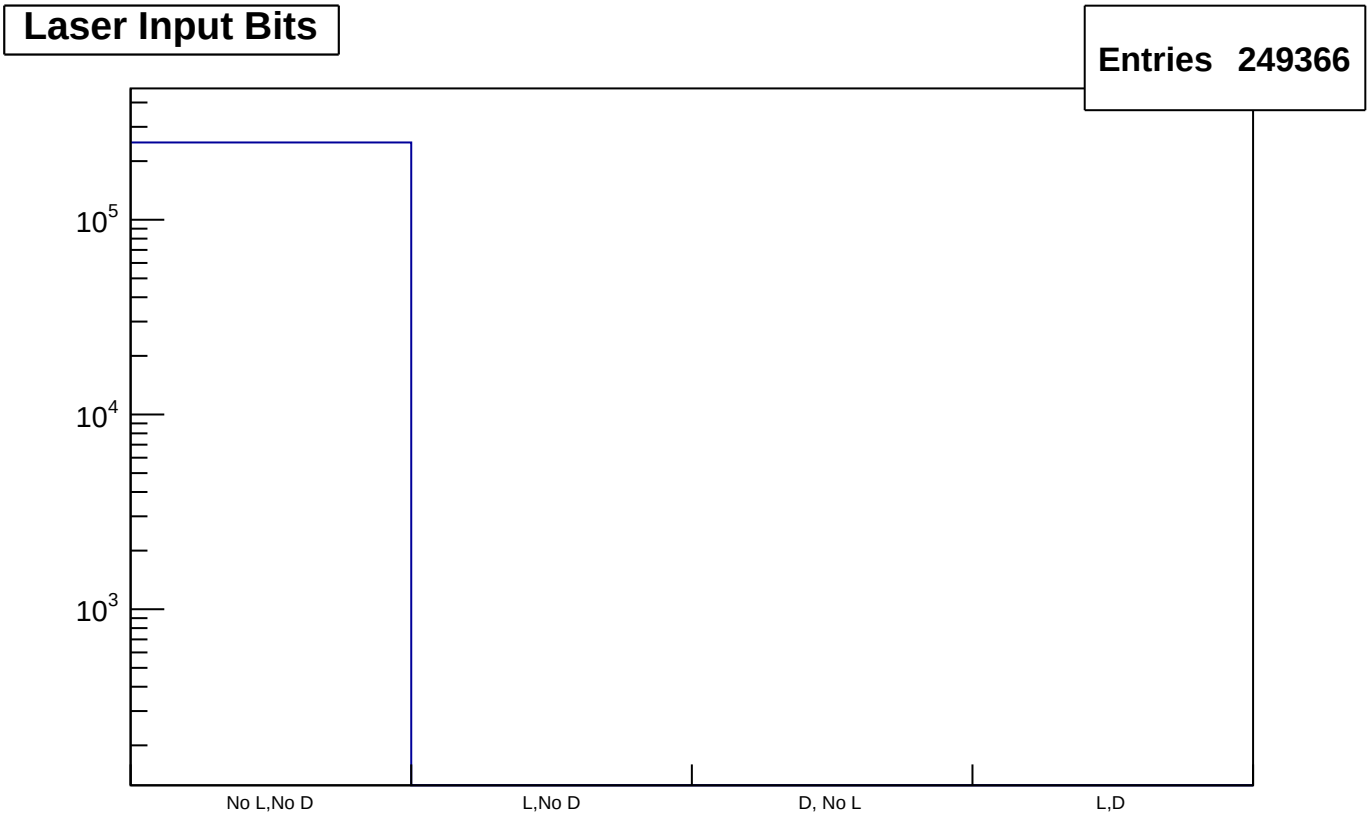

Entries 249366
TOF-Mult
VPD-West ADC Sum

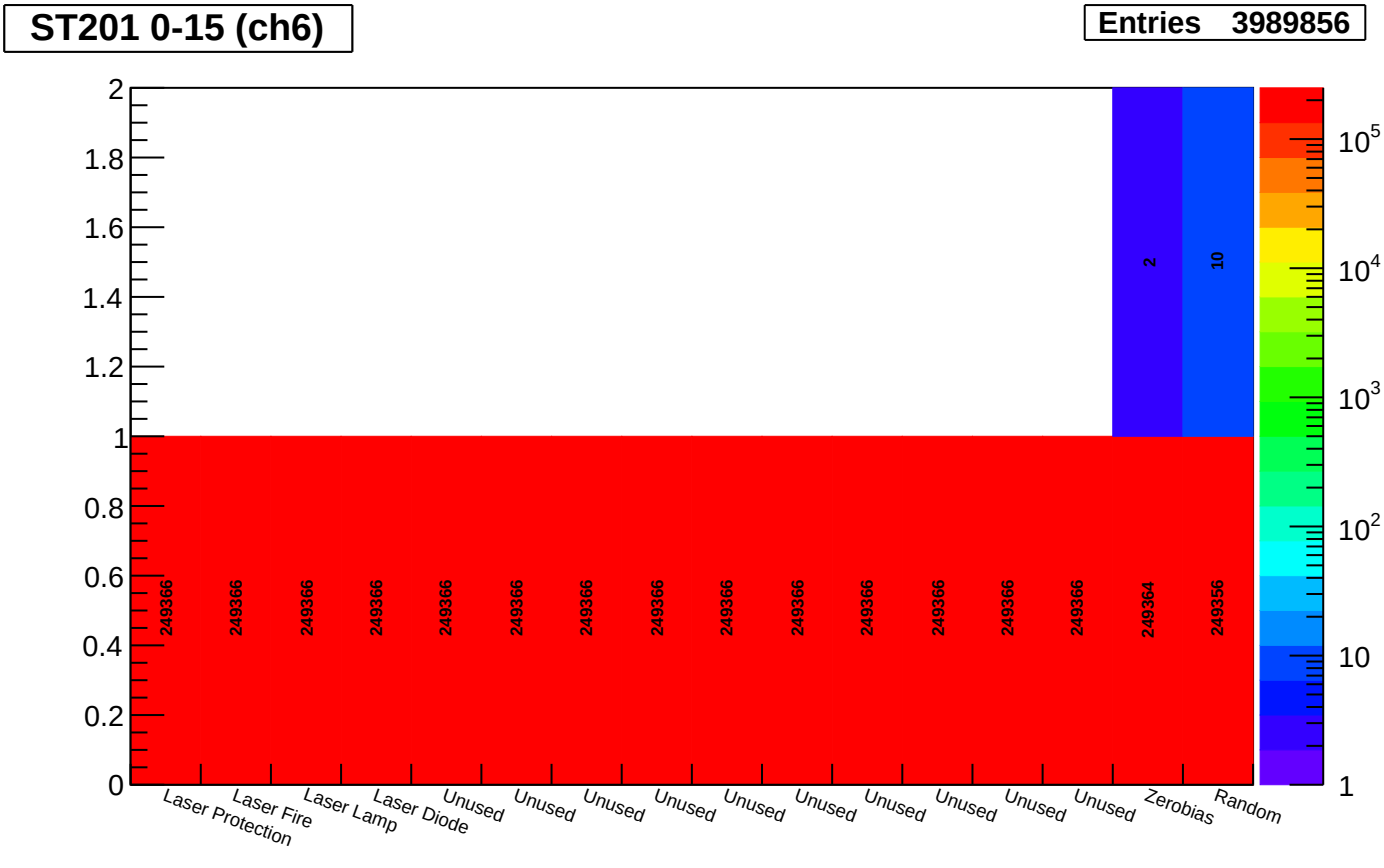

Entries 249366
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

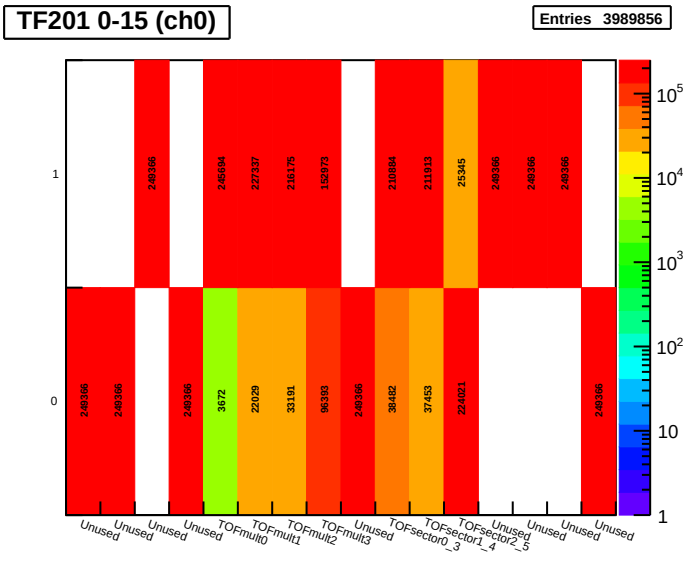

Entries 249366
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

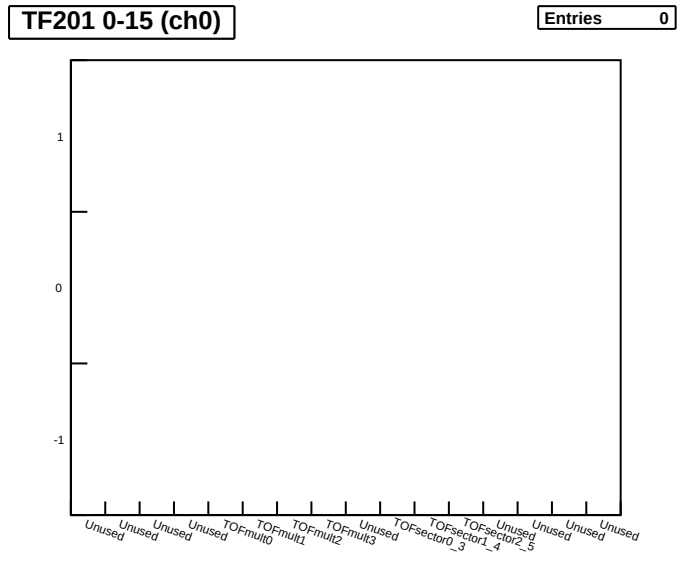

Entries 249366
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

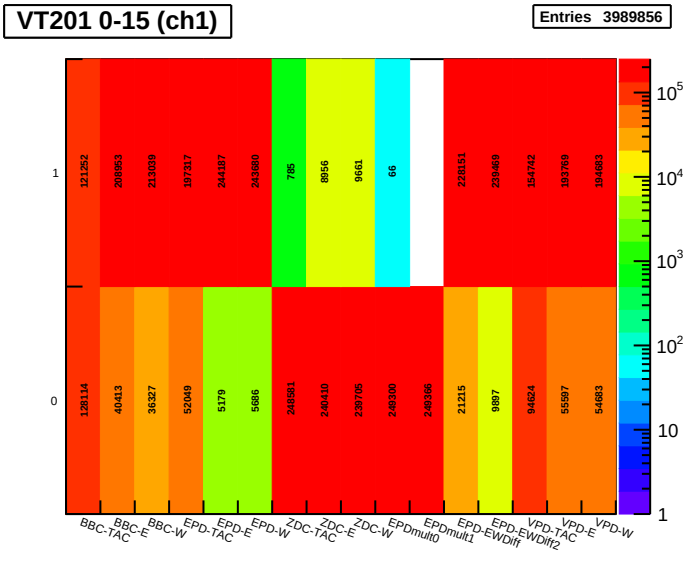

Entries 249366
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

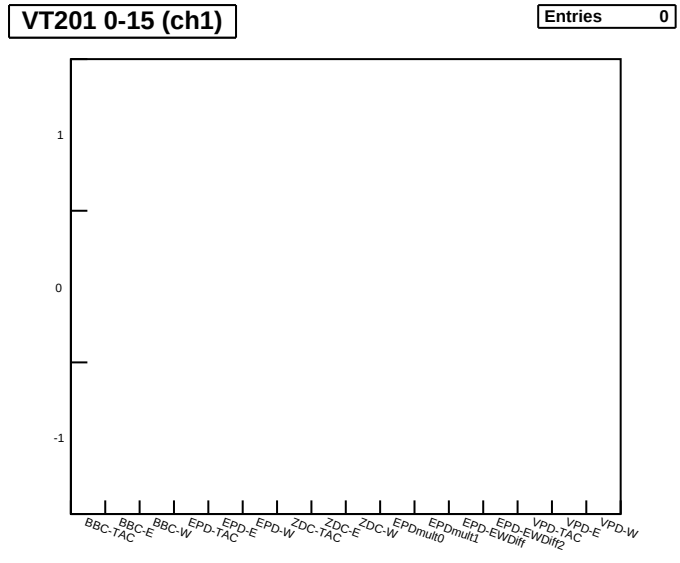

Laser Input Bits
Entries 249366
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

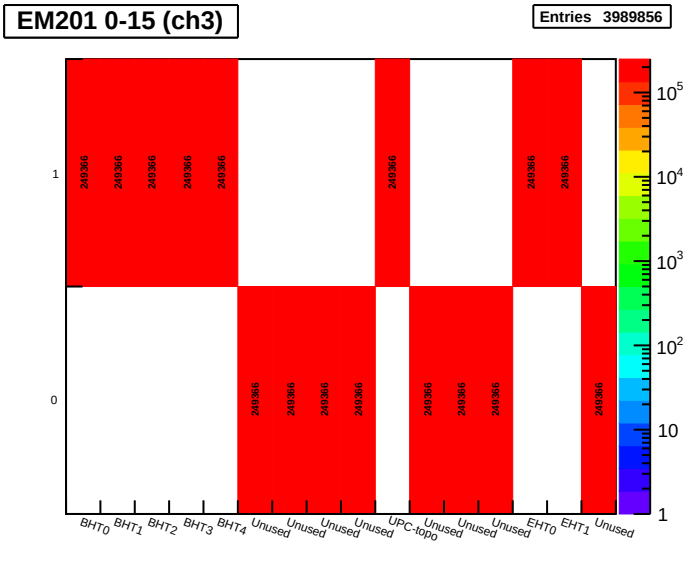

ST201 0-15 (ch6)
Entries 3989856
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
249366
249366
249366
249366
249366
249366
249366
249366
249366
249366
249366
249366
249366
249366
249364
249356
2
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

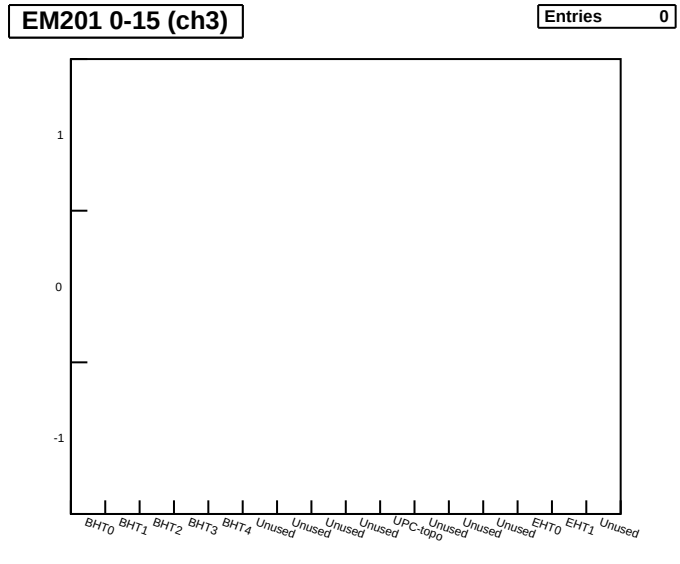

TF201 0-15 (ch0)
Entries 3989856
1
0
249366 249366 249366 245694 227337 216175 152973 210884 211913 25345 249366 249366 249366
249366 249366 249366 3672 22029 33191 96393 249366 38482 37453 224021 249366
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 3989856
1
0
121252 208953 213039 197317 244187 243680 785 8956 9661 66 228151 239469 154742 193769 194683
128114 40413 36277 52049 5179 5686 248581 240410 239705 249300 249366 21215 9897 94624 55597 54683
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff 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 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 3989856
1
0
249366 249366 249366 249366 249366 249366 249366 249366
249366 249366 249366 249366 249366 249366 249366 249366
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