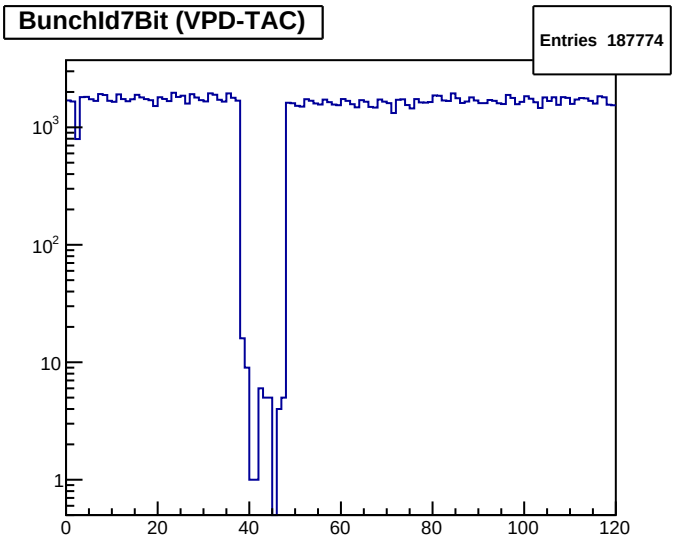
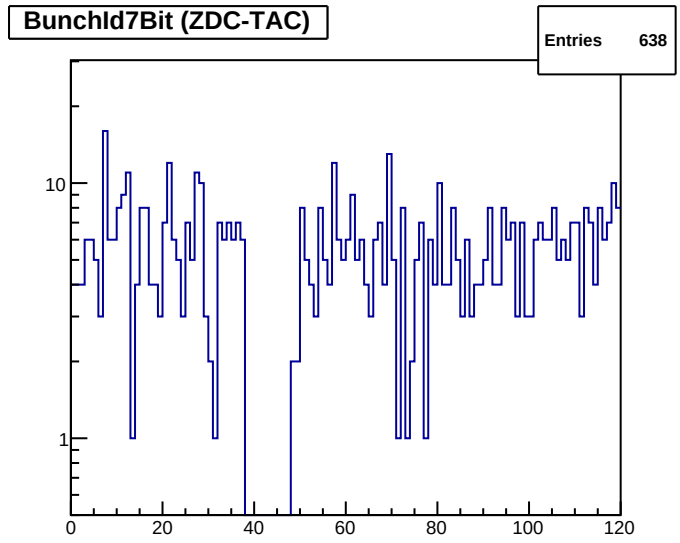
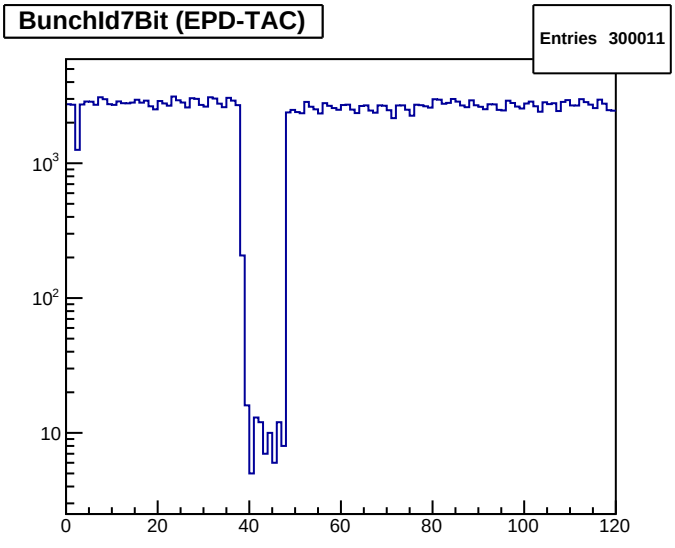
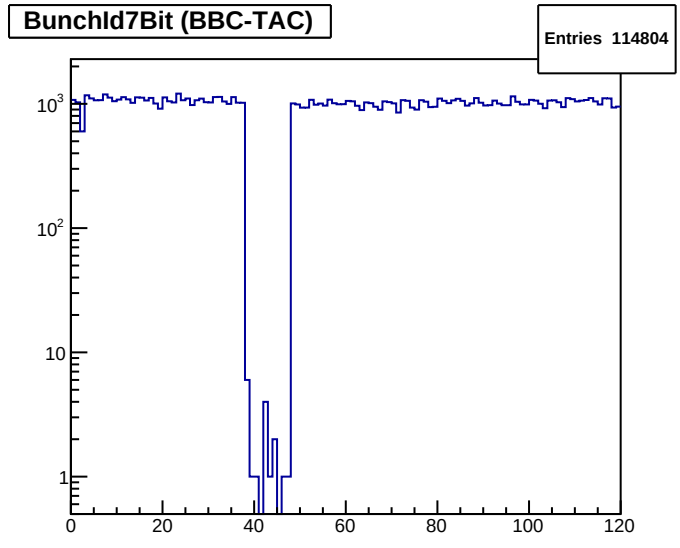
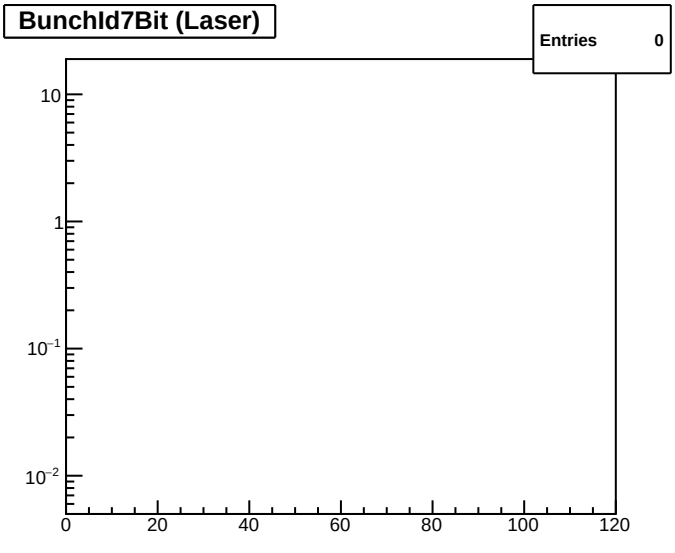
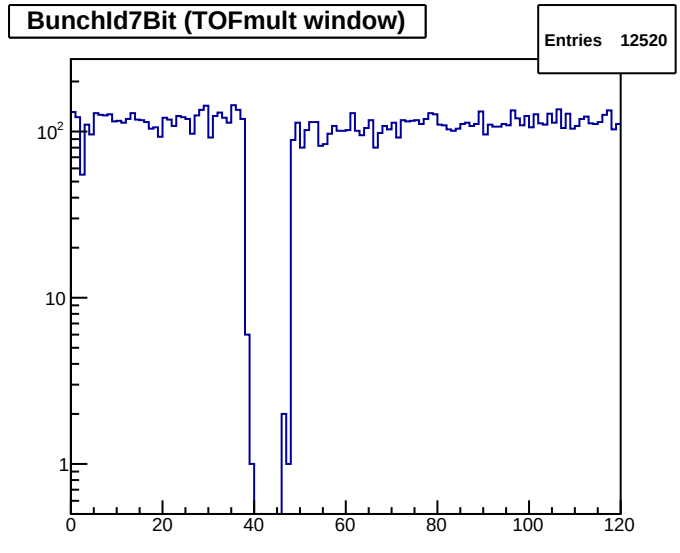

BunchId7Bit (VPD-TAC)
Entries 187774

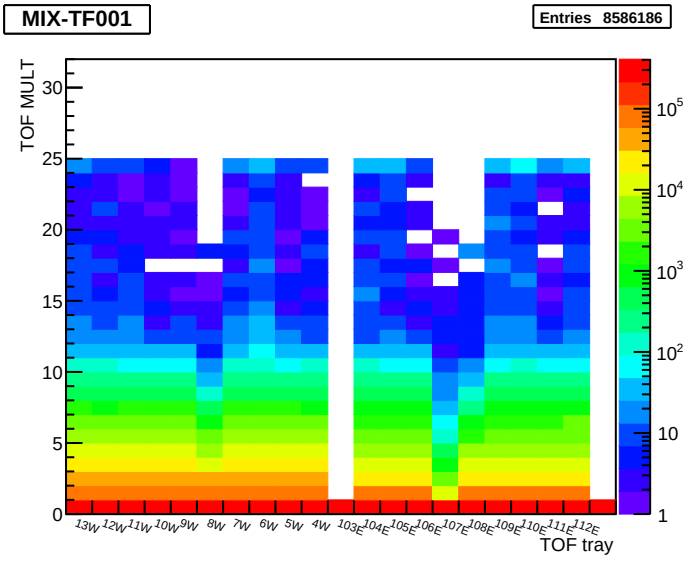

BunchId7Bit (ZDC-TAC)
Entries 638

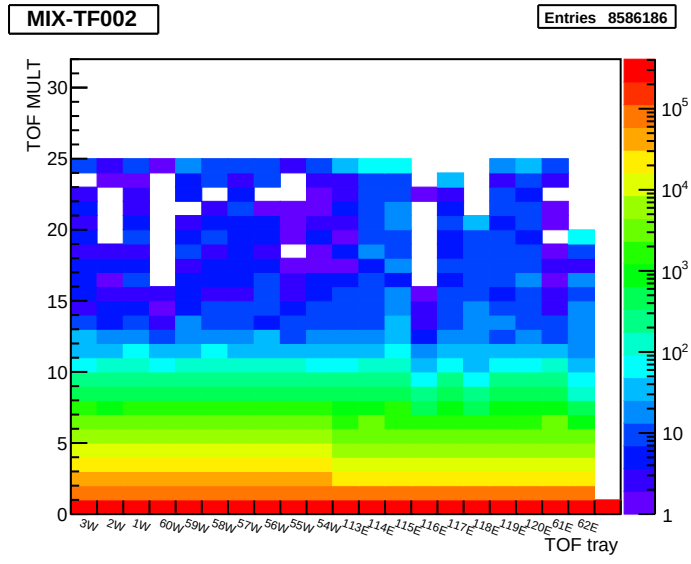

BunchId7Bit (EPD-TAC)
Entries 300011

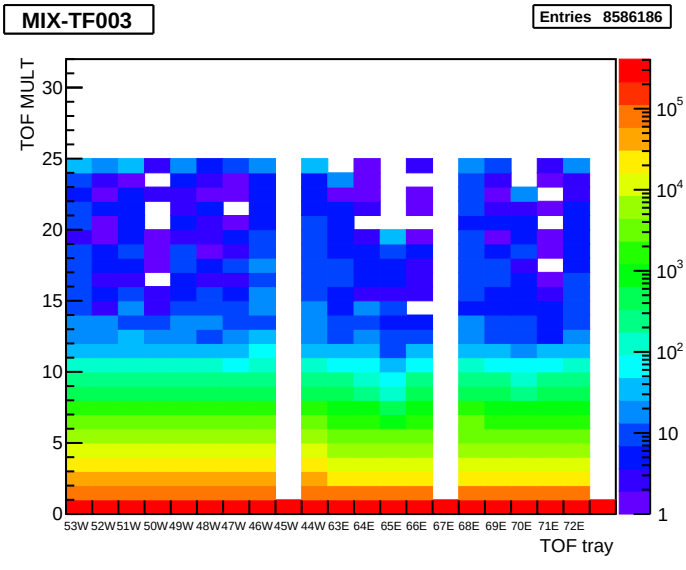

BunchId7Bit (BBC-TAC)
Entries 114804

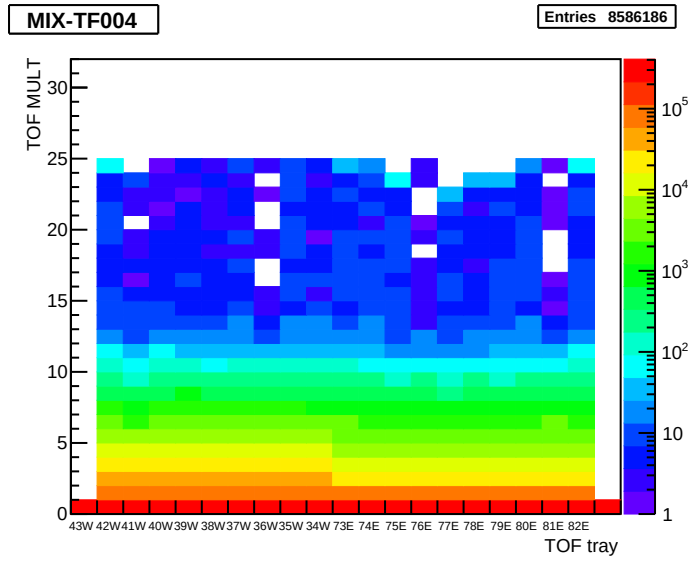

BunchId7Bit (Laser)
Entries 0

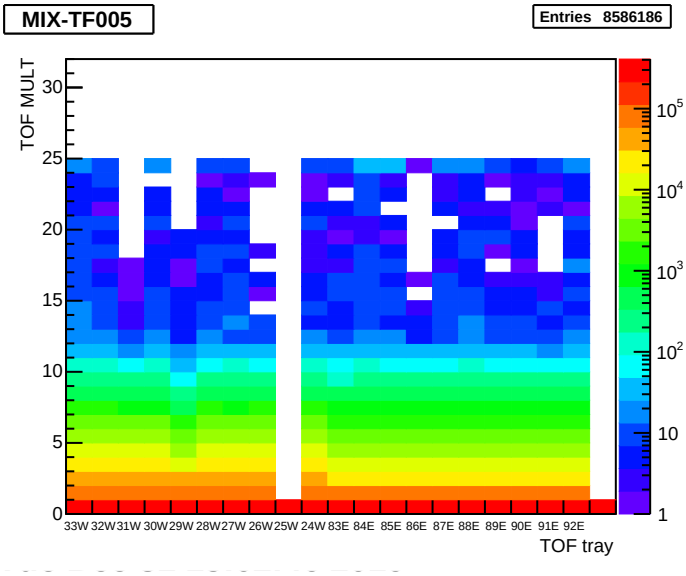

BunchId7Bit (TOFmult window)
Entries 12520

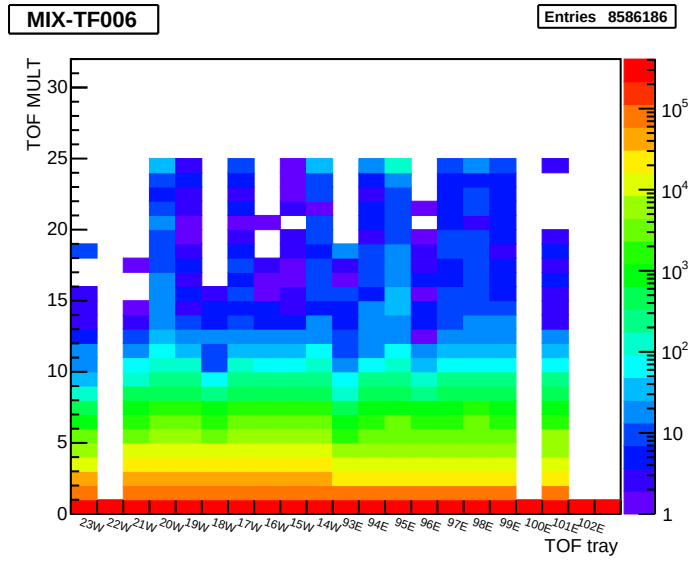

MIX-TF001
Entries 8586186
TOF MULT
TOF tray

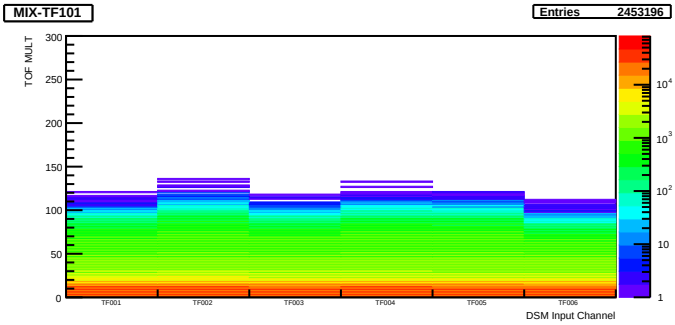

MIX-TF002
Entries 8586186
TOF MULT
TOF tray

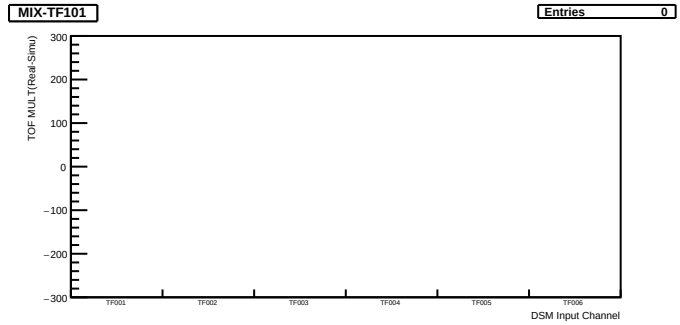

MIX-TF003
Entries 8586186
TOF MULT
TOF tray

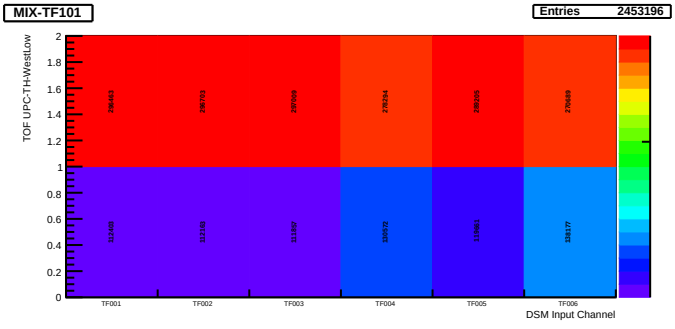

MIX-TF004
Entries 8586186
TOF MULT
TOF tray

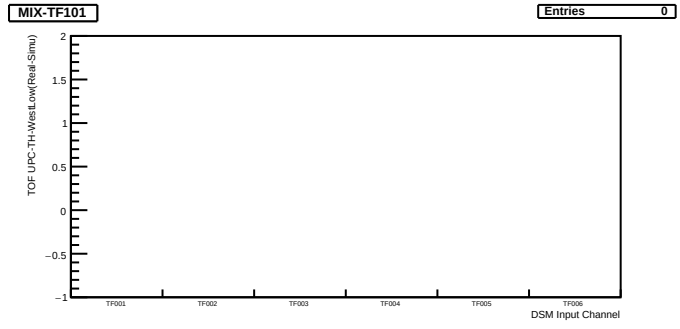

MIX-TF005
Entries 8586186
TOF MULT
TOF tray

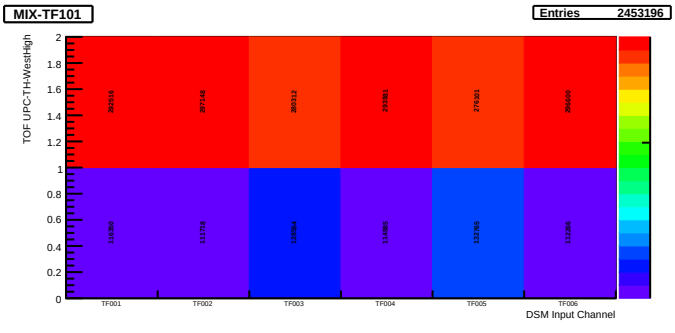

MIX-TF006
Entries 8586186
TOF MULT
TOF tray

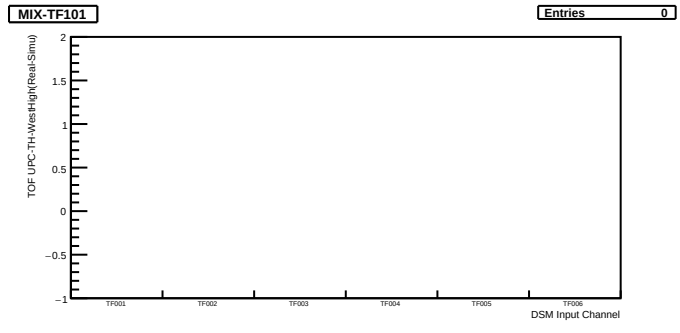

MIX-TF101
Entries 2453196
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

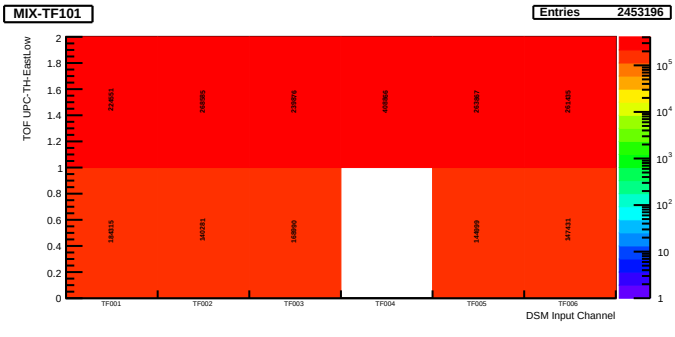

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

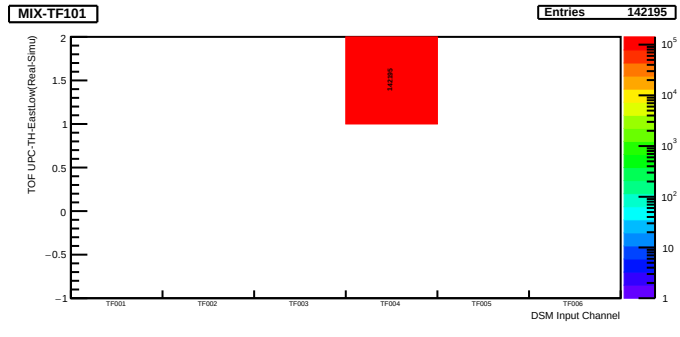

MIX-TF101
Entries 2453196
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

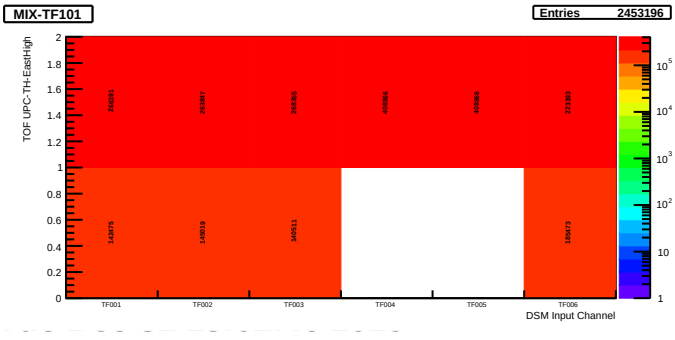

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

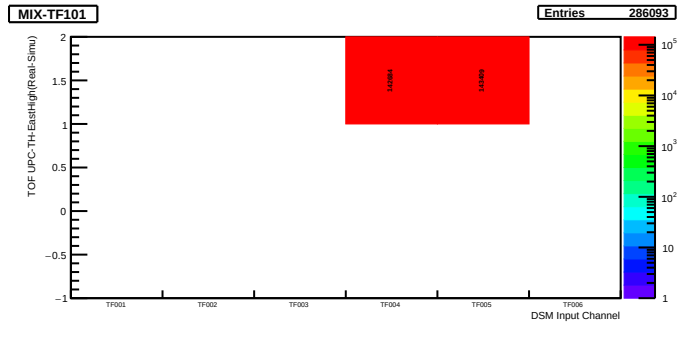

MIX-TF101
Entries 2453196
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

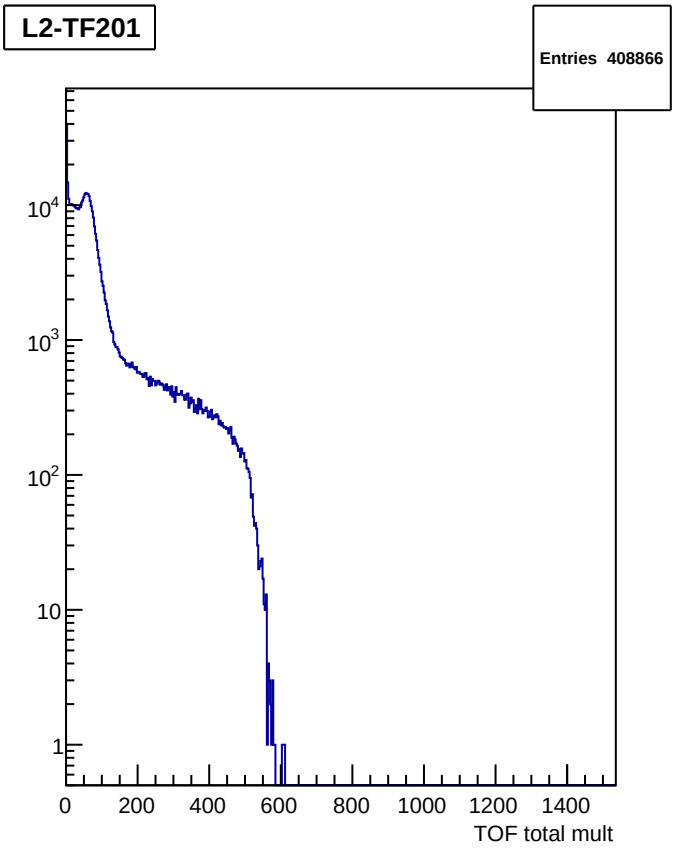

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

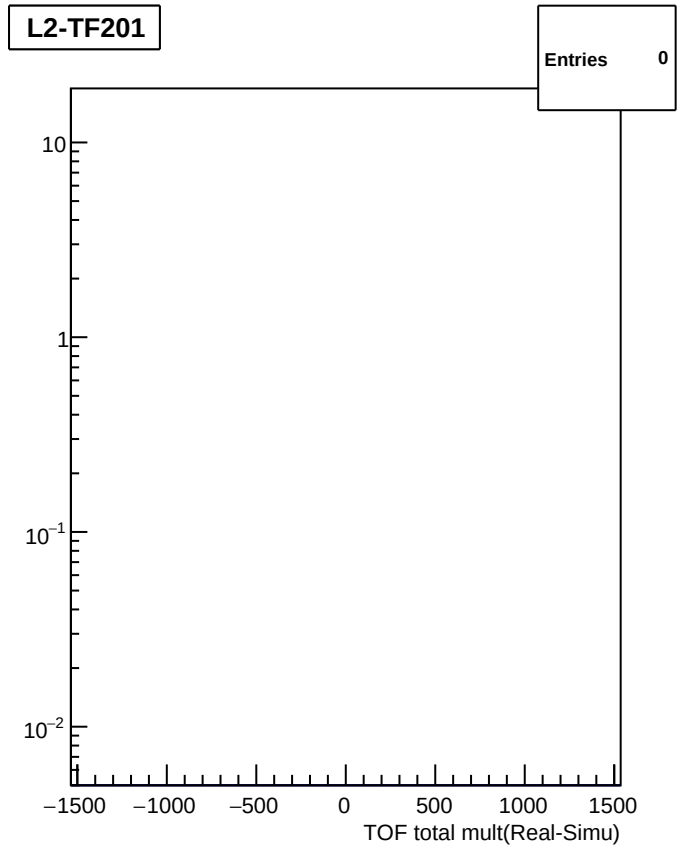

MIX-TF101
Entries 2453196
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

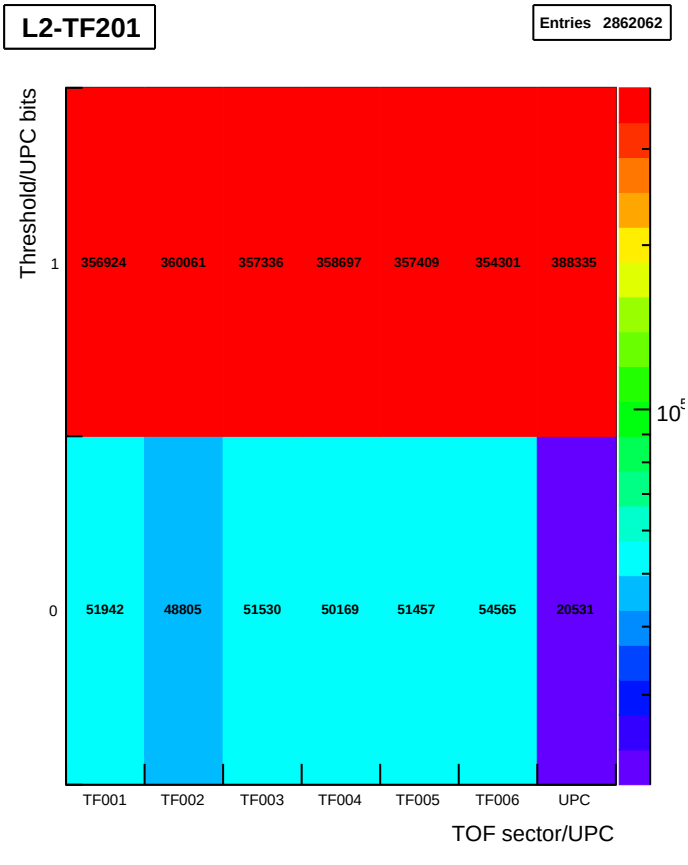

MIX-TF101
Entries 142195
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

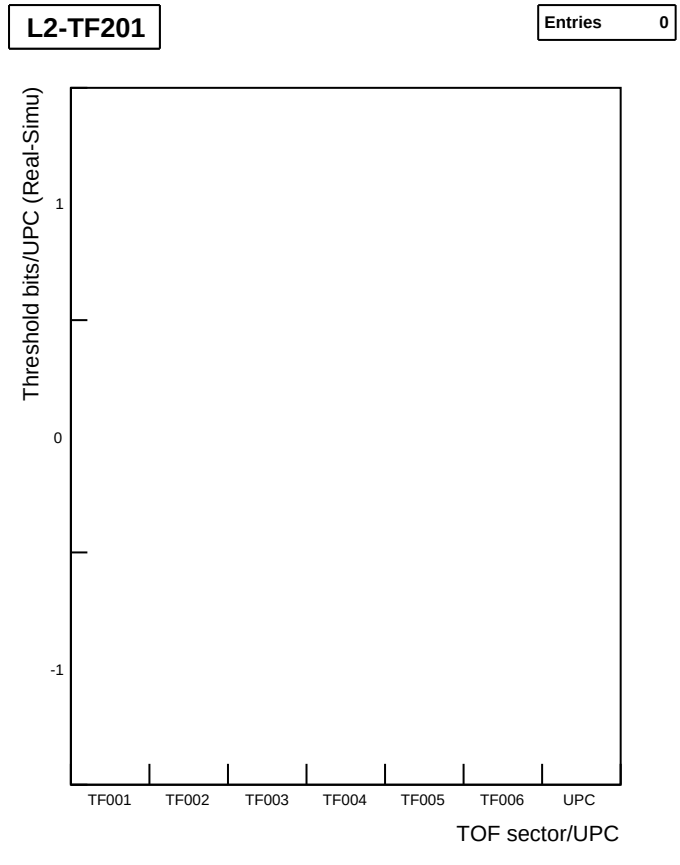

MIX-TF101
Entries 2453196
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

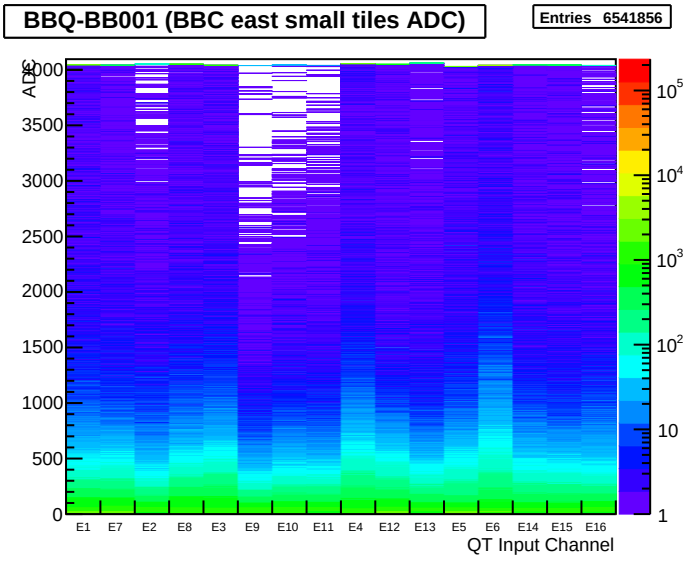

MIX-TF101
Entries 286093
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

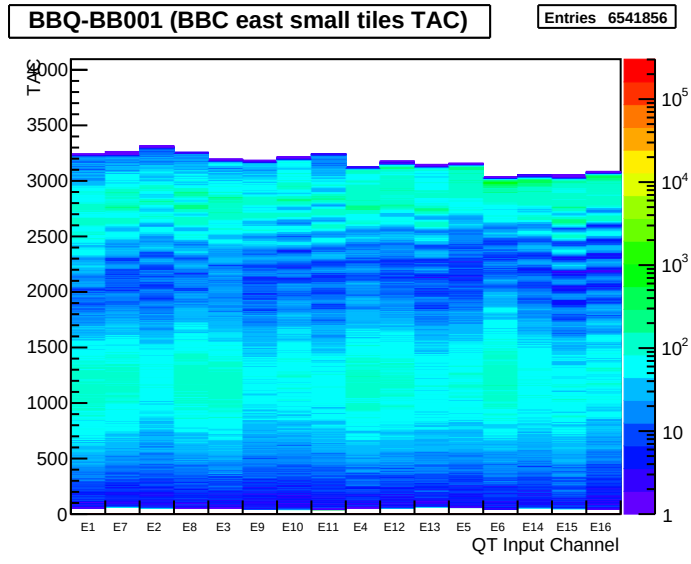

L2-TF201
Entries 408866
TOF total mult

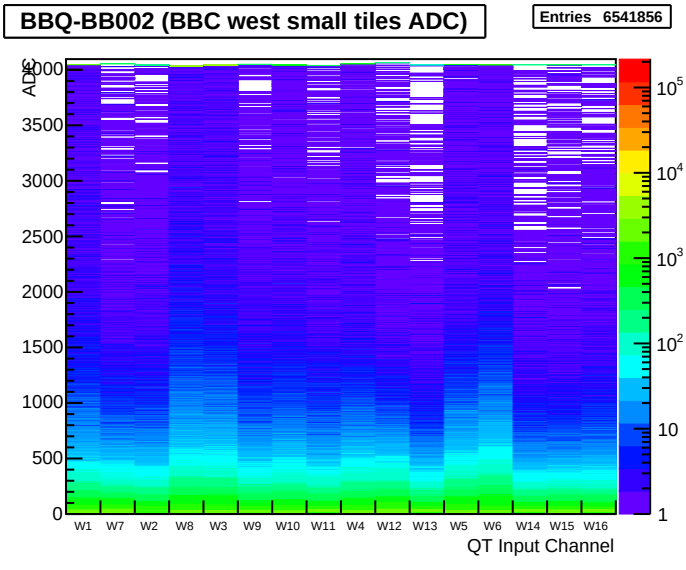

L2-TF201
Entries 0
TOF total mult(Real-Simu)

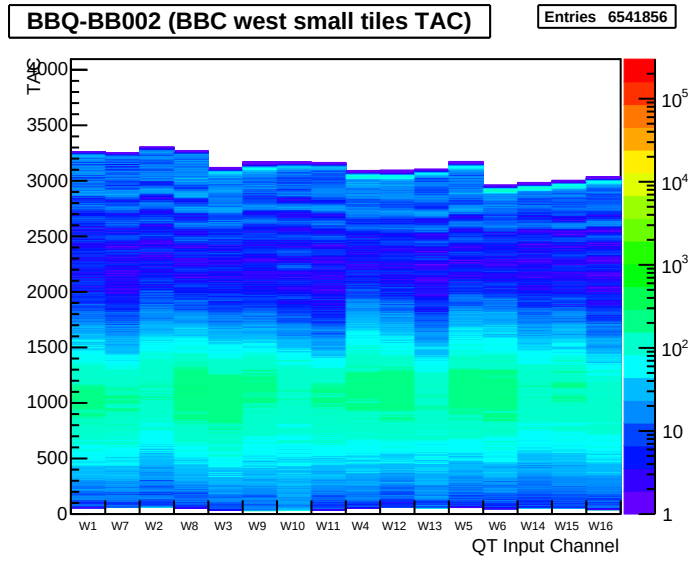

L2-TF201
Entries 2862062
Threshold/UPC bits
356924
360061
357336
358697
357409
354301
388335
51942
48805
51530
50169
51457
54565
20531
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

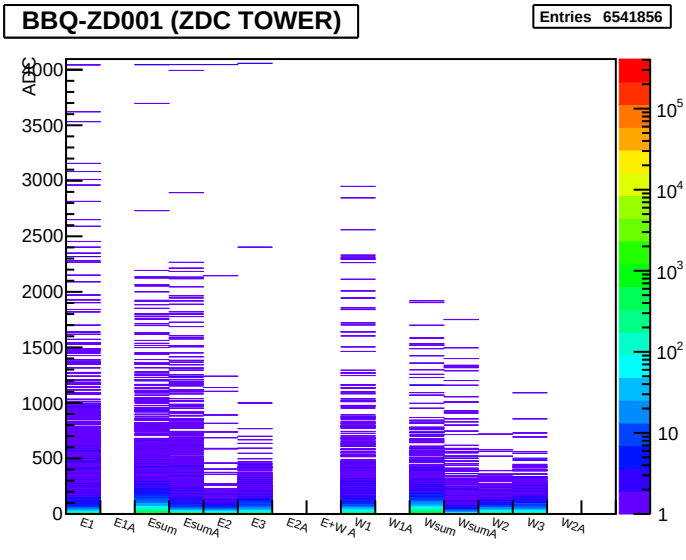

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

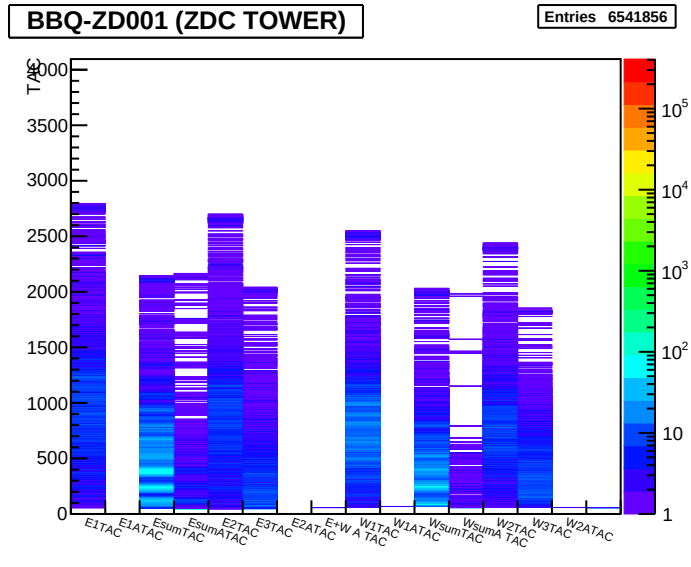

BBQ-BB001 (BBC east small tiles ADC)
Entries 6541856
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

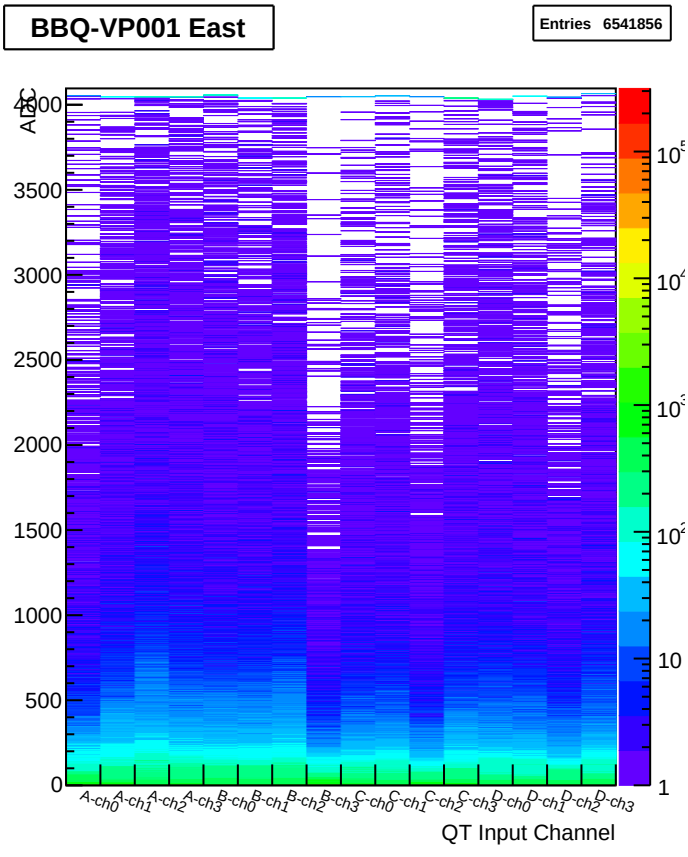

BBQ-BB001 (BBC east small tiles TAC)
Entries 6541856
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

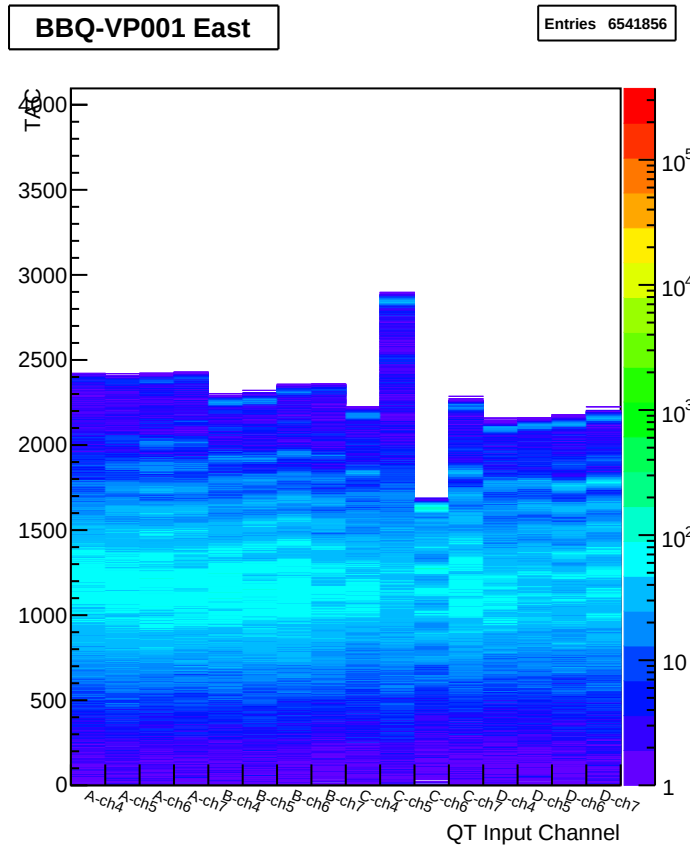

BBQ-BB002 (BBC west small tiles ADC)
Entries 6541856
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

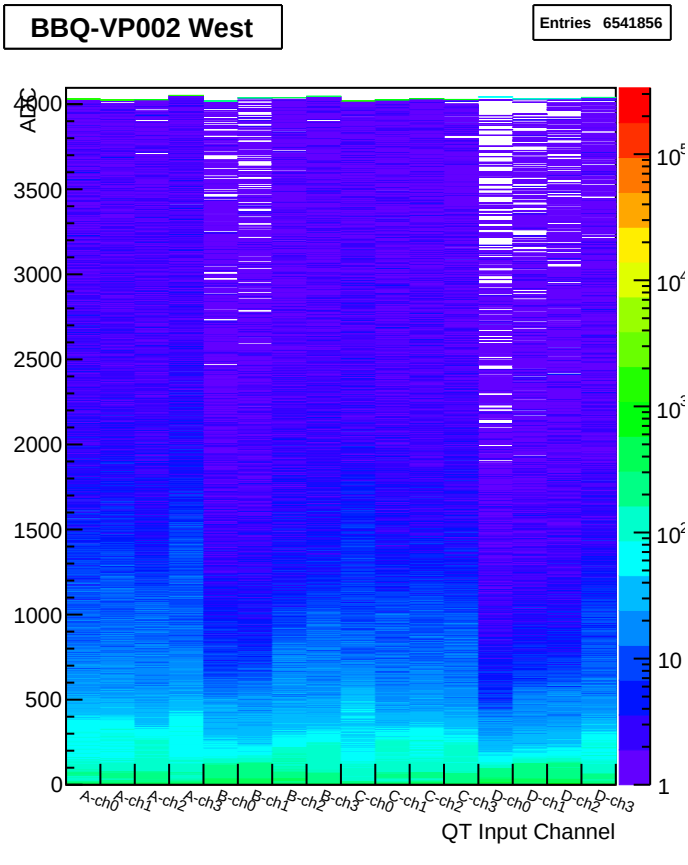

BBQ-BB002 (BBC west small tiles TAC)
Entries 6541856
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

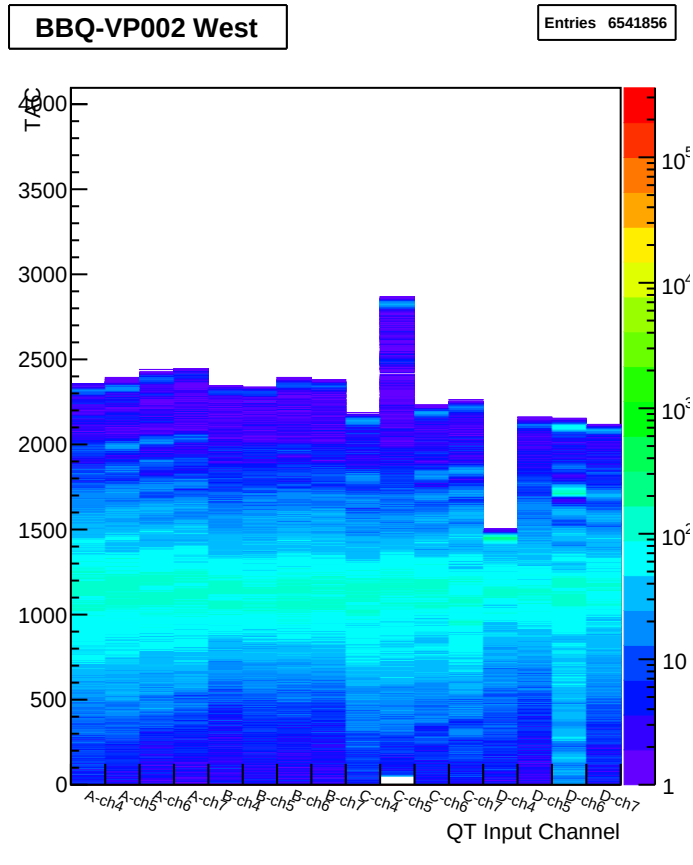

BBQ-ZD001 (ZDC TOWER)
Entries 6541856
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

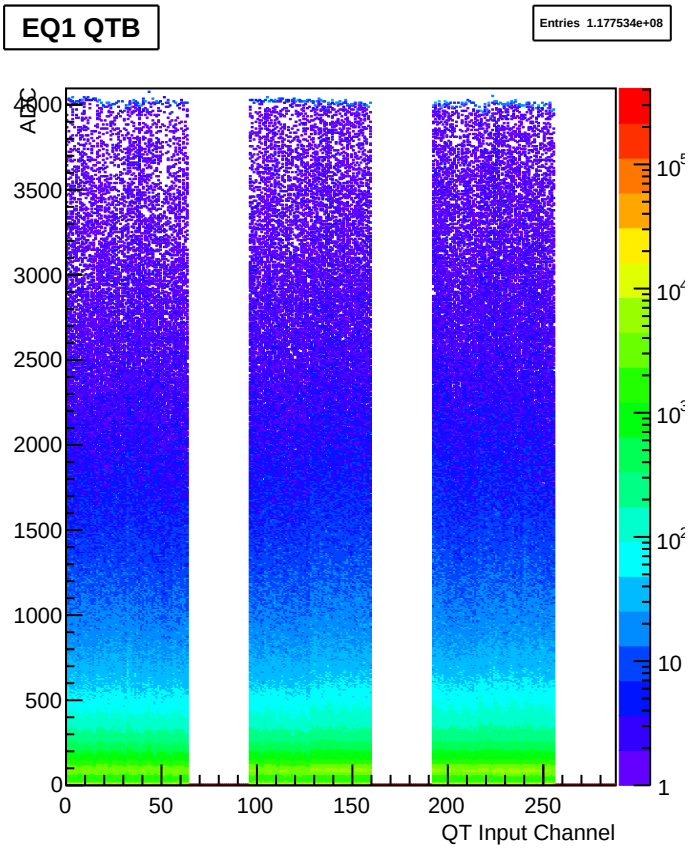

BBQ-ZD001 (ZDC TOWER)
Entries 6541856
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

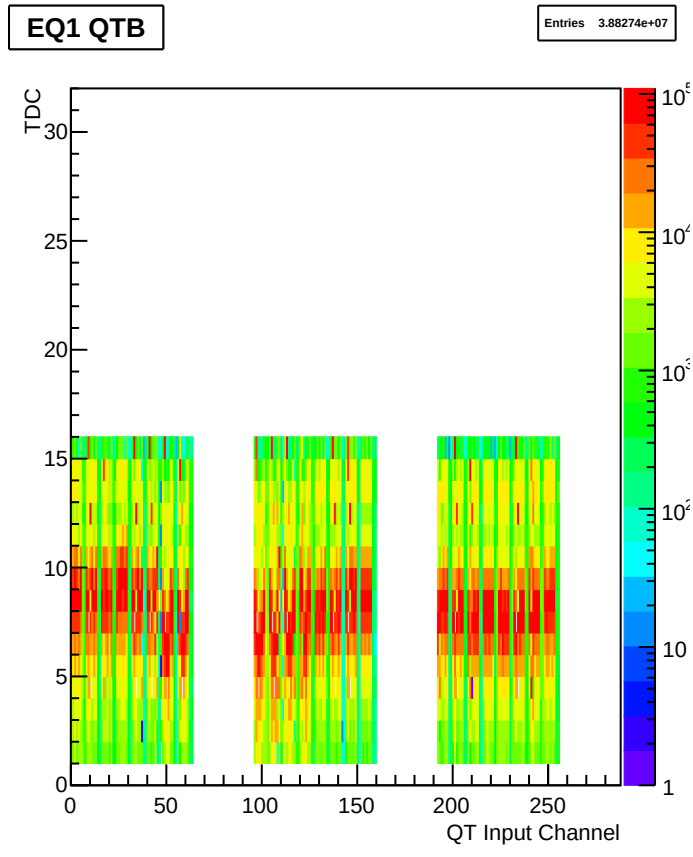

BBQ-VP001 East
Entries 6541856
ADC
QT Input Channel

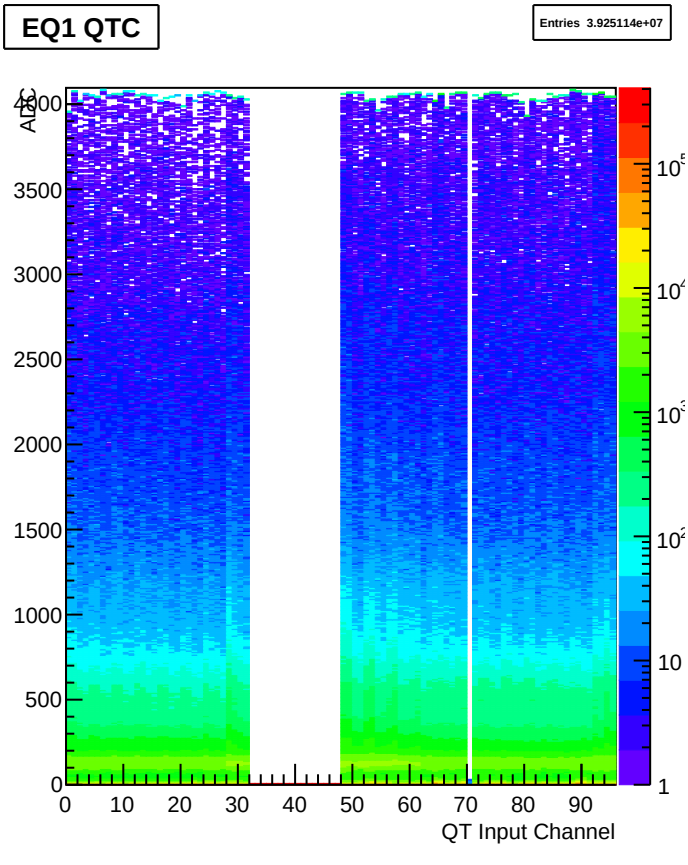

BBQ-VP001 East
Entries 6541856
TADC
QT Input Channel

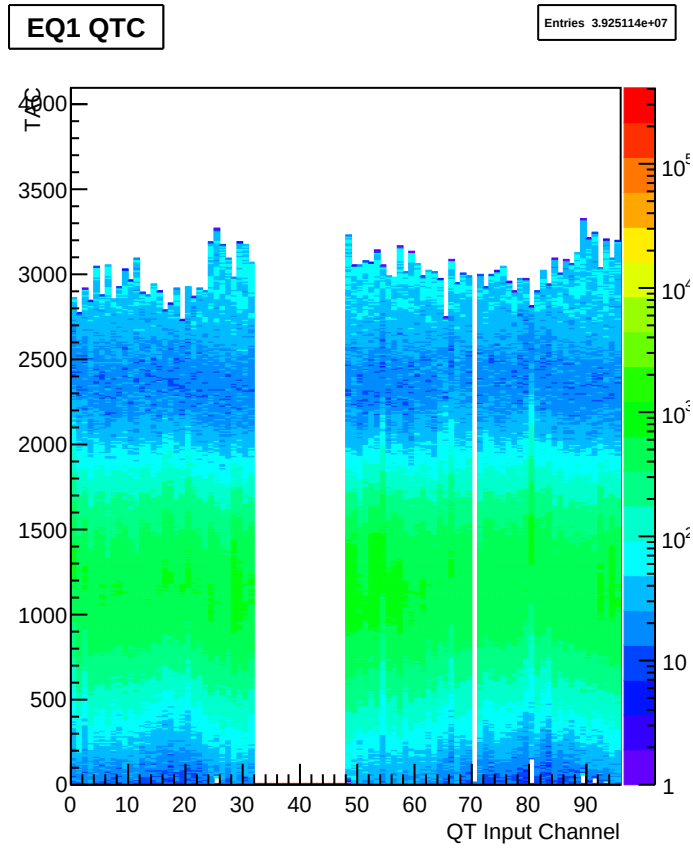

BBQ-VP002 West
Entries 6541856
ADC
QT Input Channel

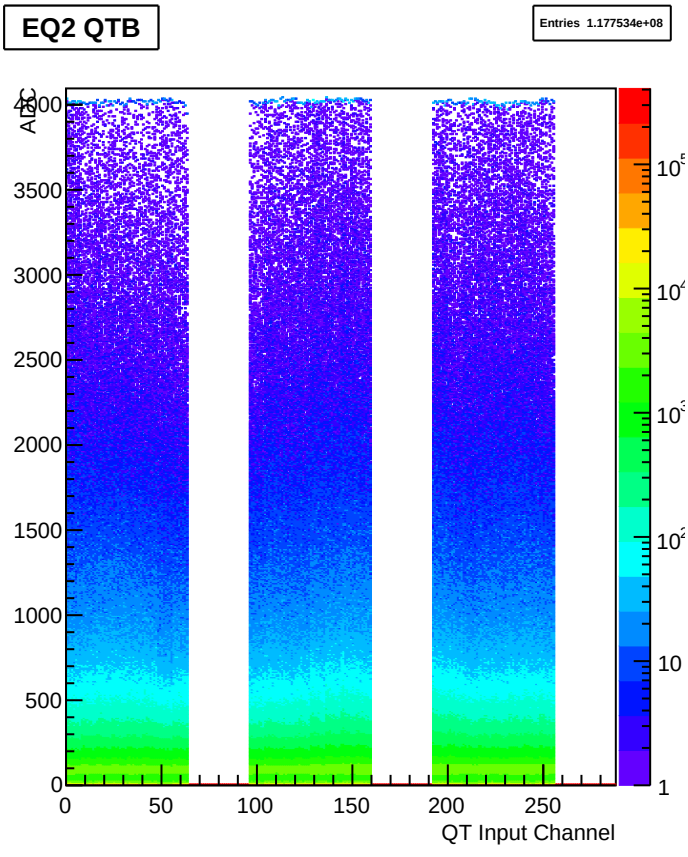

BBQ-VP002 West
Entries 6541856
TADC
QT Input Channel

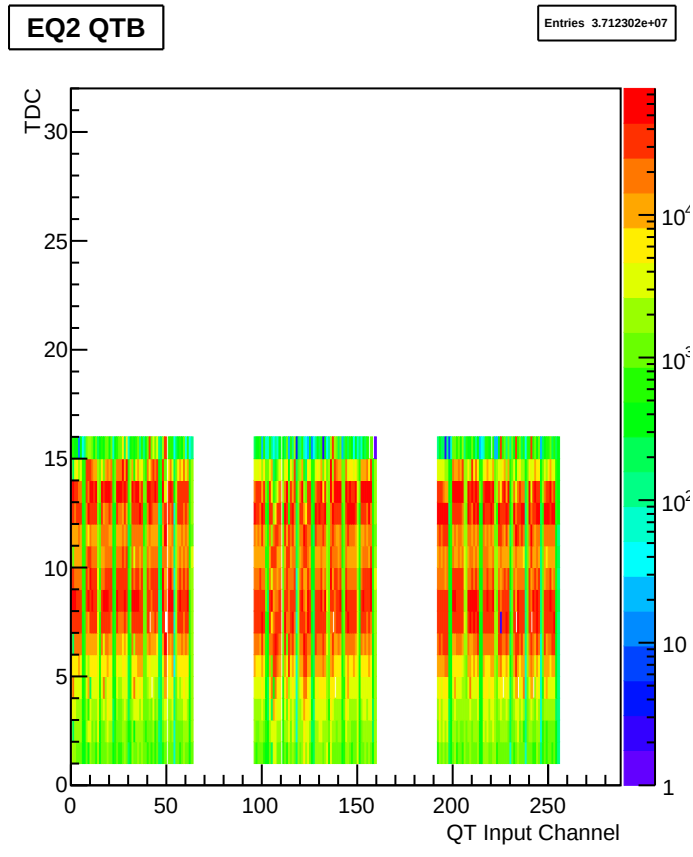

EQ1 QTB
Entries 1.177534e+08
ADC
QT Input Channel

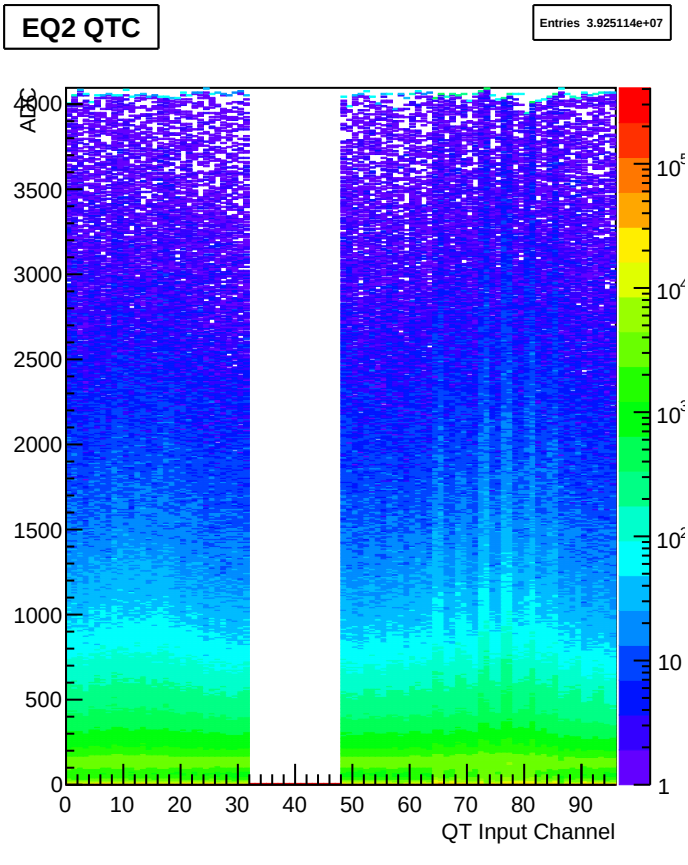

EQ1 QTB
Entries 3.88274e+07
TDC
QT Input Channel

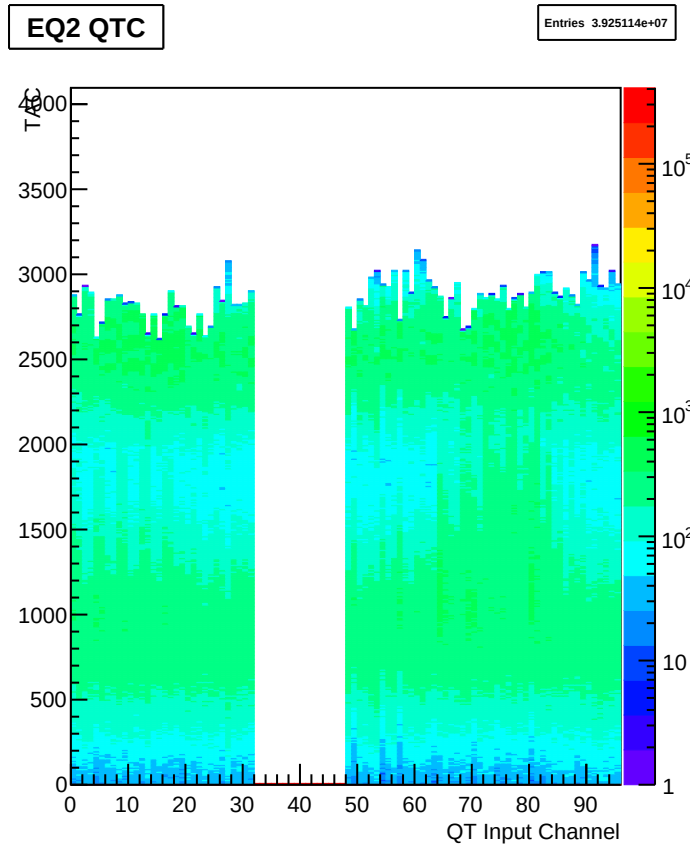

EQ1 QTC
Entries 3.925114e+07
ADC
QT Input Channel

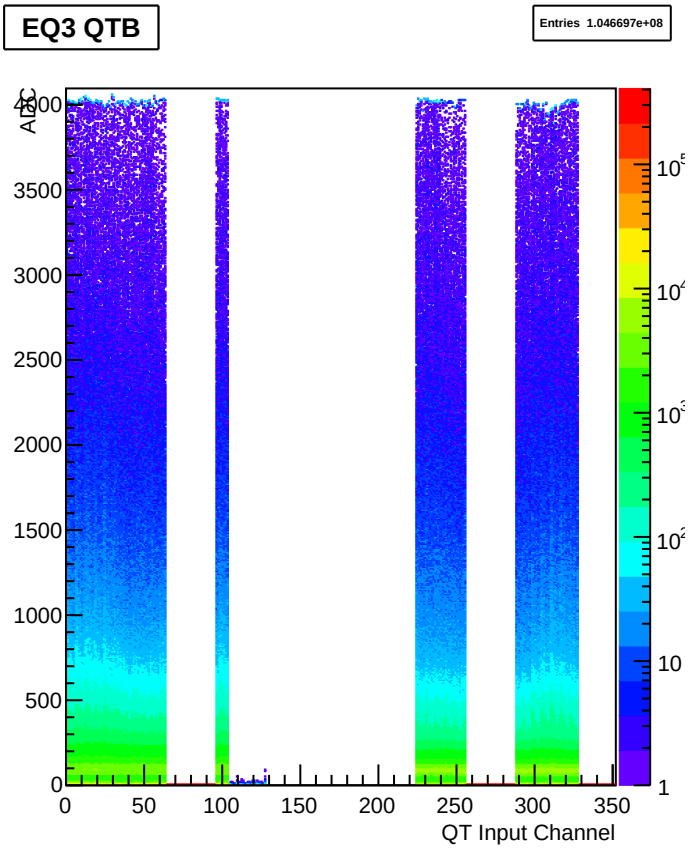

EQ1 QTC
Entries 3.925114e+07
TADC
QT Input Channel

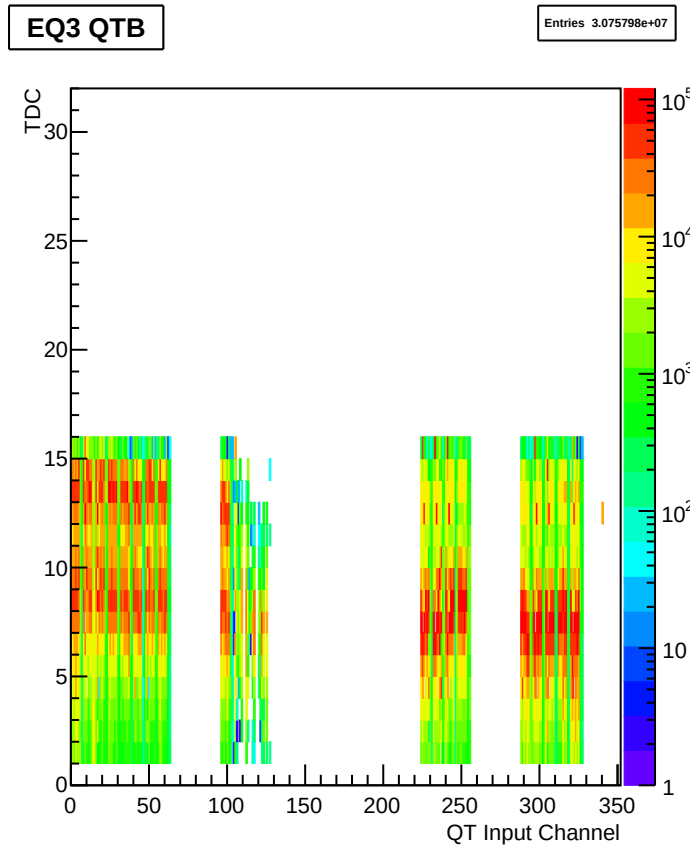

EQ2 QTB
Entries 1.177534e+08
ADC
QT Input Channel

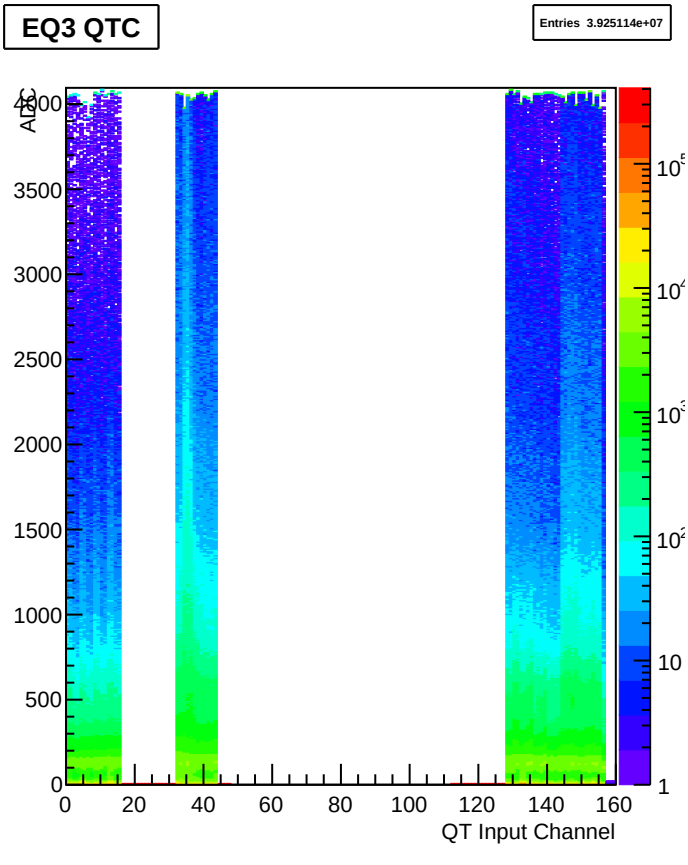

EQ2 QTB
Entries 3.712302e+07
TDC
QT Input Channel

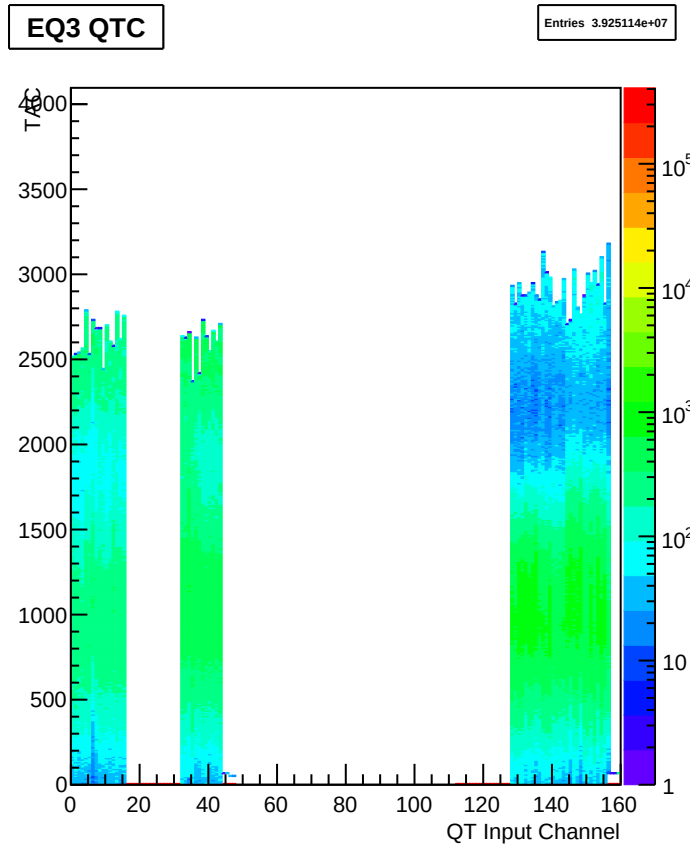

EQ2 QTC
Entries 3.925114e+07
ADC
QT Input Channel

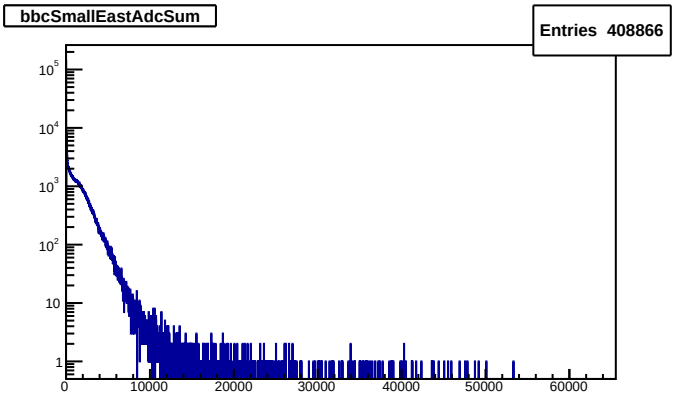

EQ2 QTC
Entries 3.925114e+07
TADC
QT Input Channel

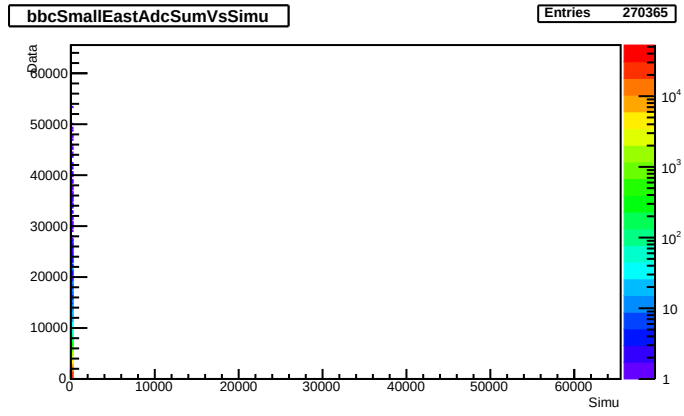

EQ3 QTB
Entries 1.046697e+08
ADC
QT Input Channel

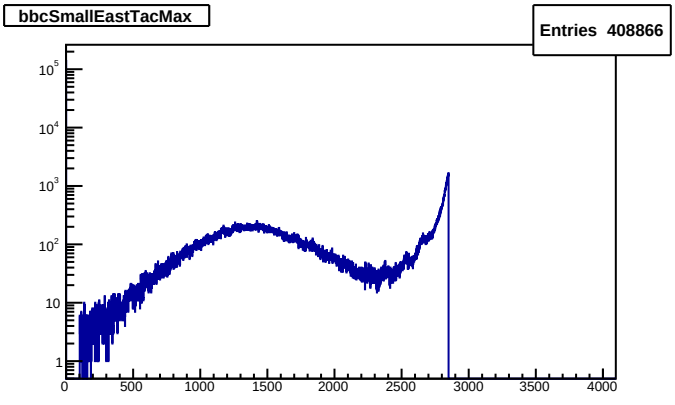

EQ3 QTB
Entries 3.075798e+07
TDC
QT Input Channel

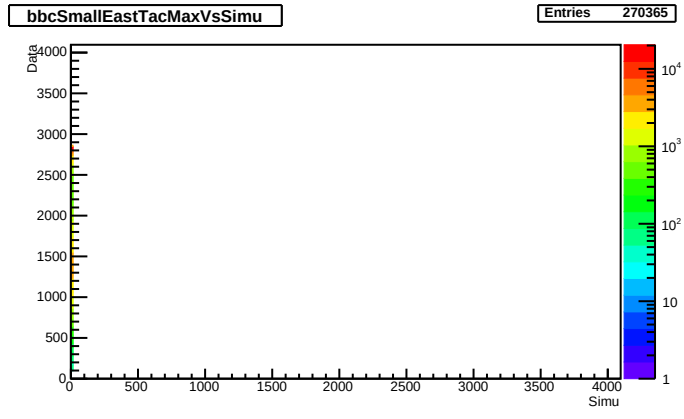

EQ3 QTC
Entries 3.925114e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.925114e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 408866


bbcSmallEastAdcSumVsSimu
Entries 270365
Data
Simu


bbcSmallEastTacMax
Entries 408866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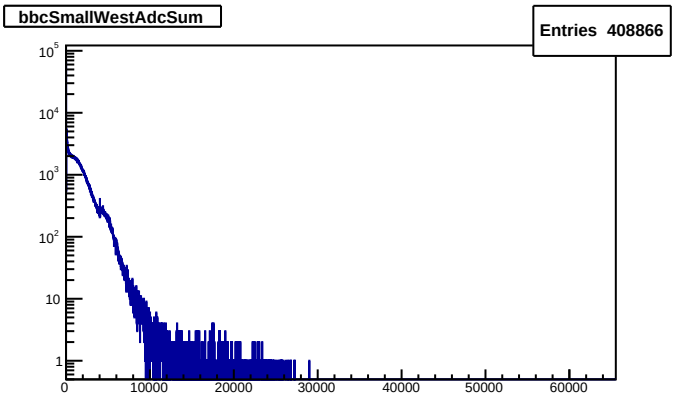
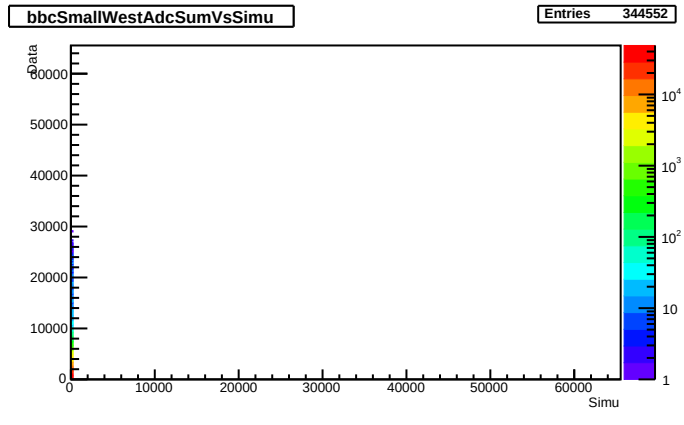
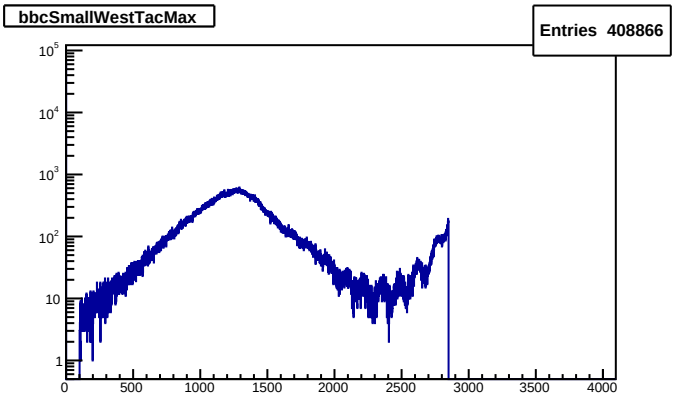
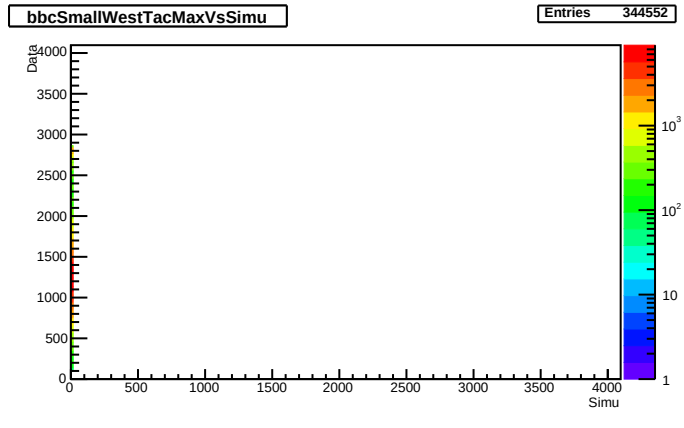
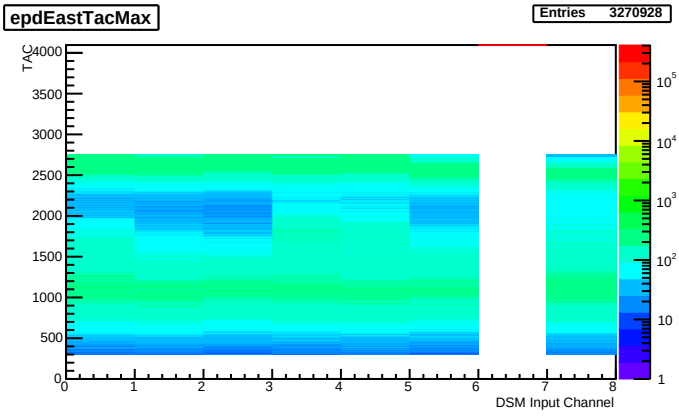
Entries 270365
Data
Simu

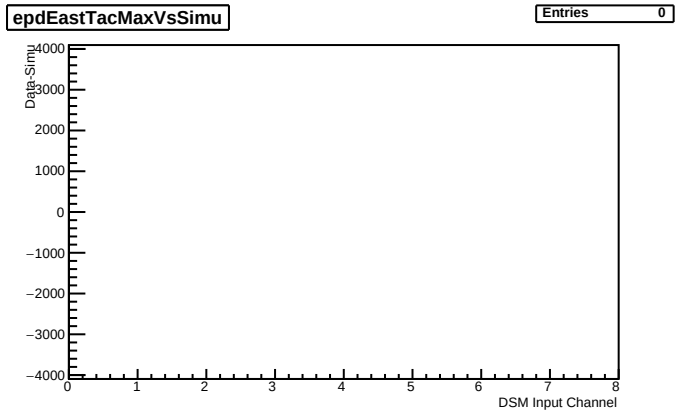

bbcSmallWestAdcSum
Entries 408866

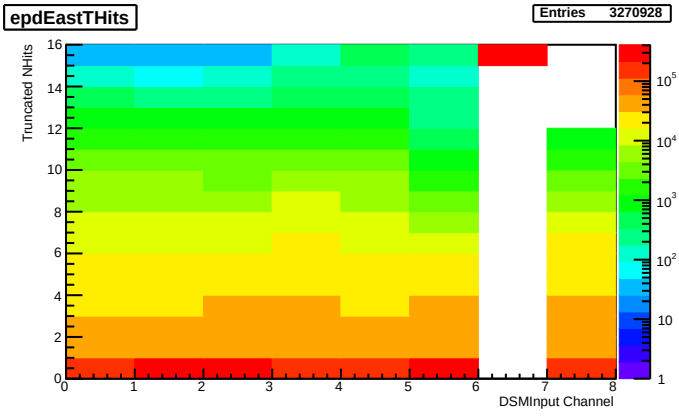

bbcSmallWestAdcSumVsSimu
Entries 344552
Data
Simu

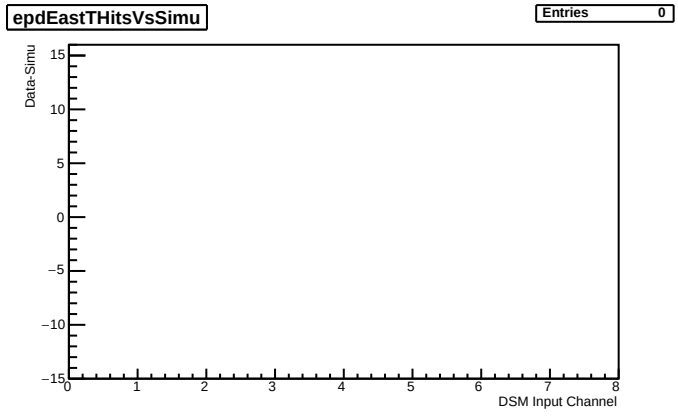

bbcSmallWestTacMax
Entries 408866


bbcSmallWestTacMaxVsSimu
Entries 344552
Data
Simu


epdEastTacMax
Entries 3270928
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3270928
Truncated NHits
DSMInput Channel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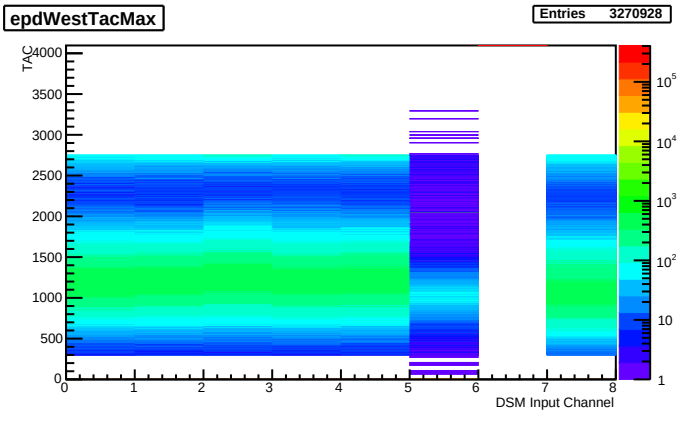
Entries 0
Data-Simu
DSM Input Channel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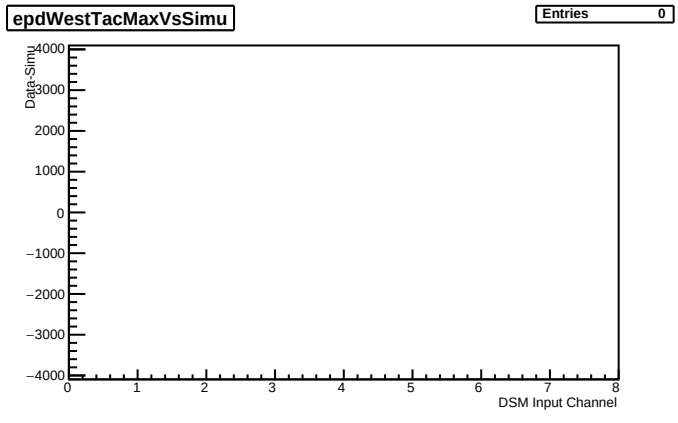
Entries 3270928
TAC
DSM Input Channel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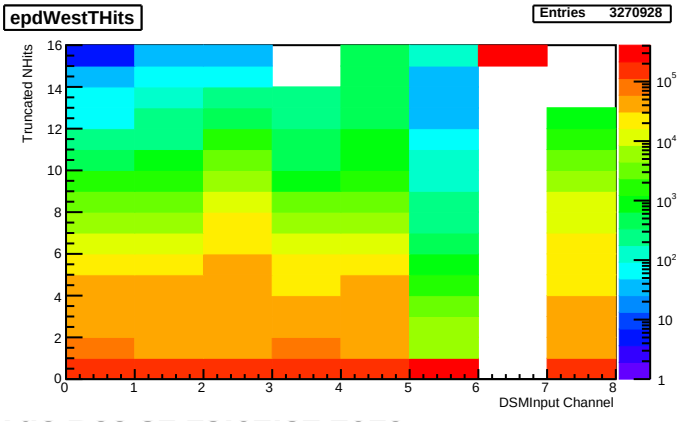
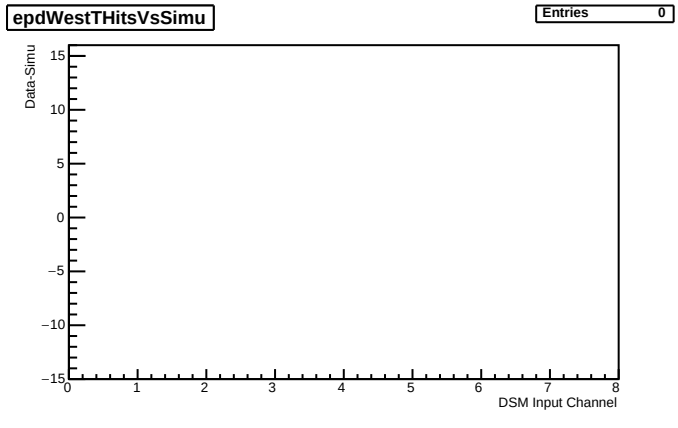
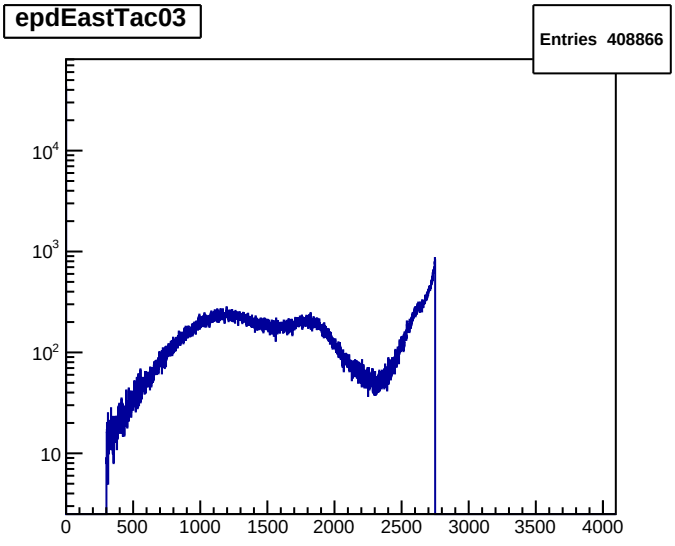
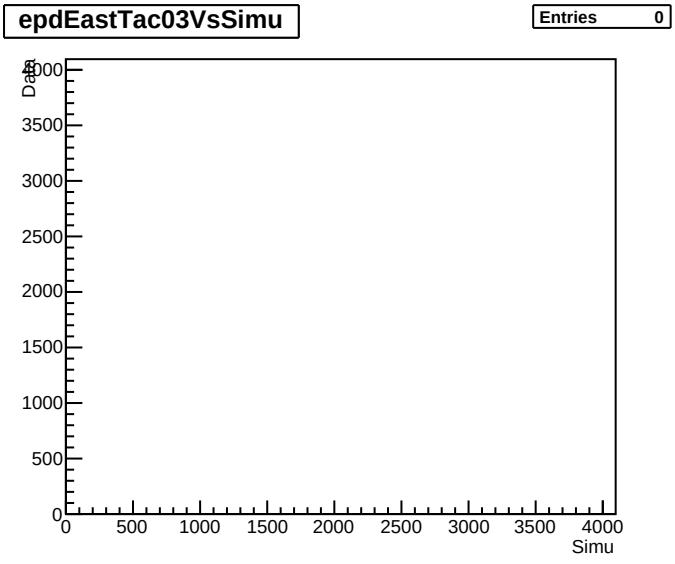
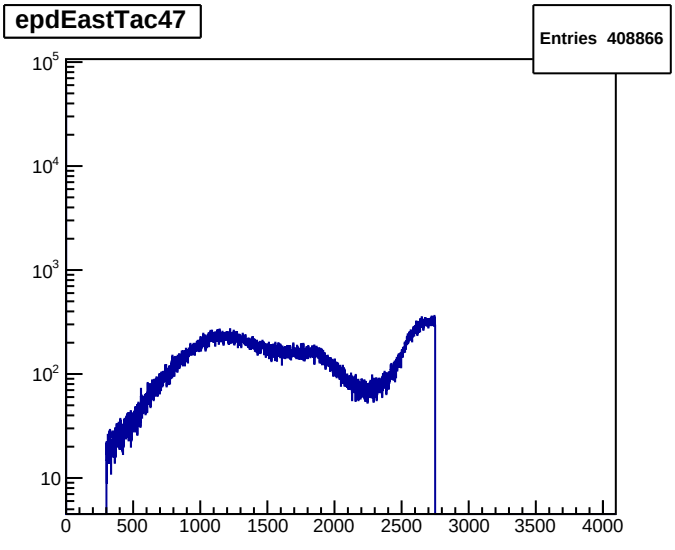
Entries 0
Data-Simu
DSM Input Channel

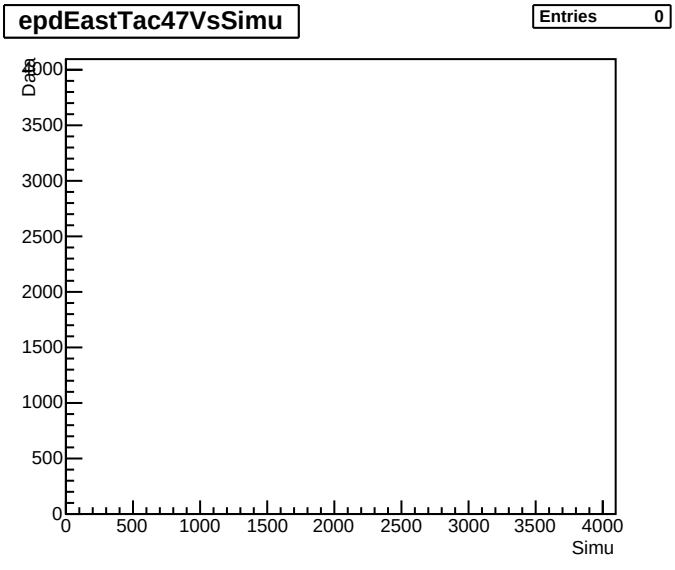

epdWestTHits
Entries 3270928
Truncated NHits
DSMInput Channel

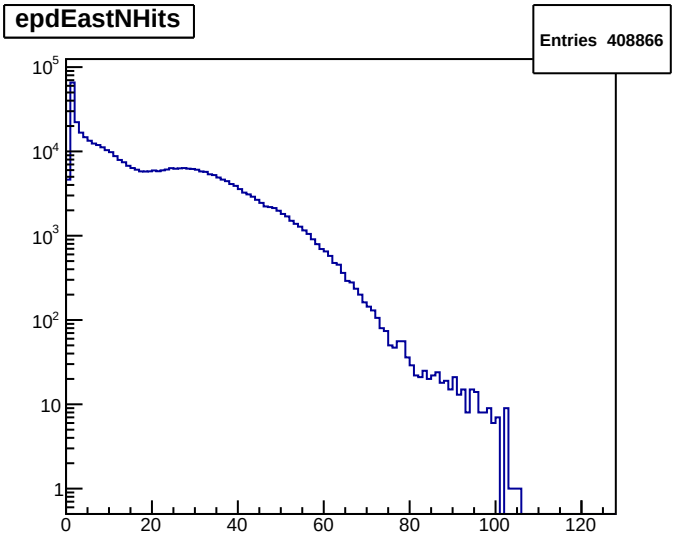

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

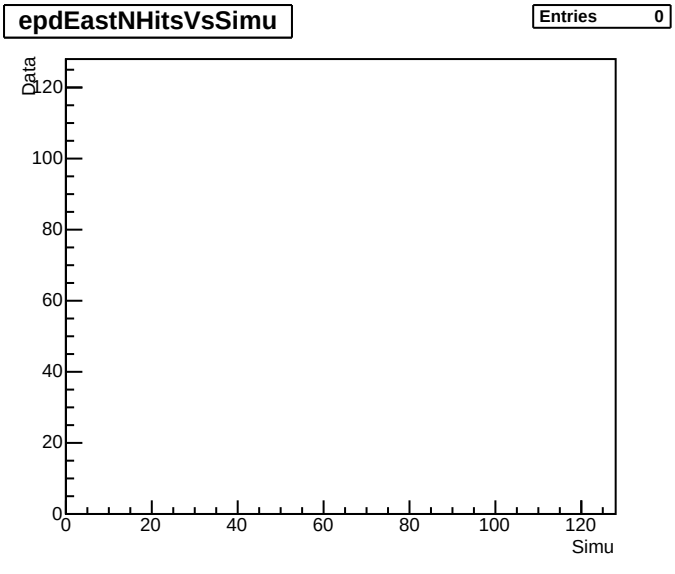

epdEastTac03
Entries 408866


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 408866


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 408866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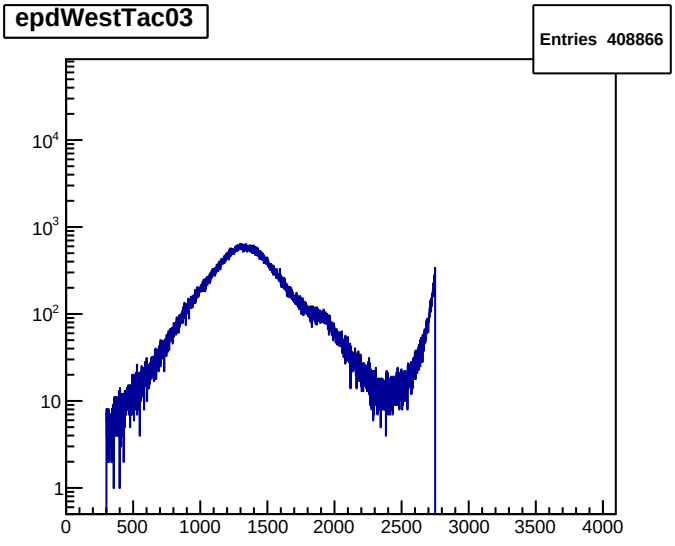
Entries 0
Data
Simu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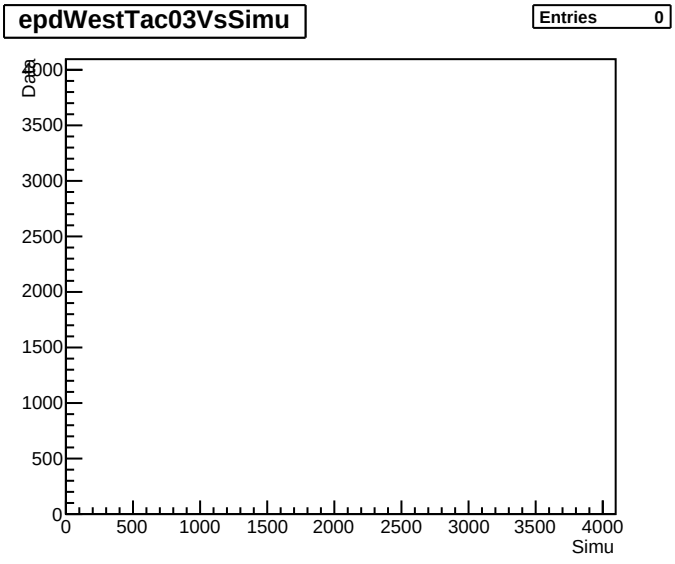
Entries 408866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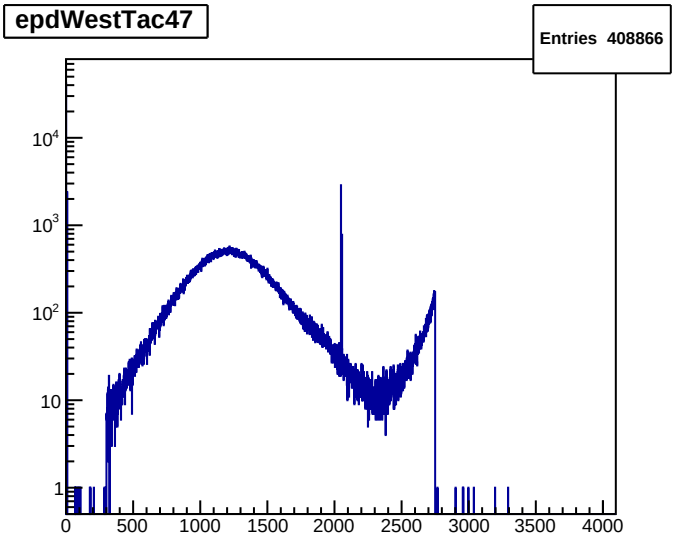
Entries 0
Data
Simu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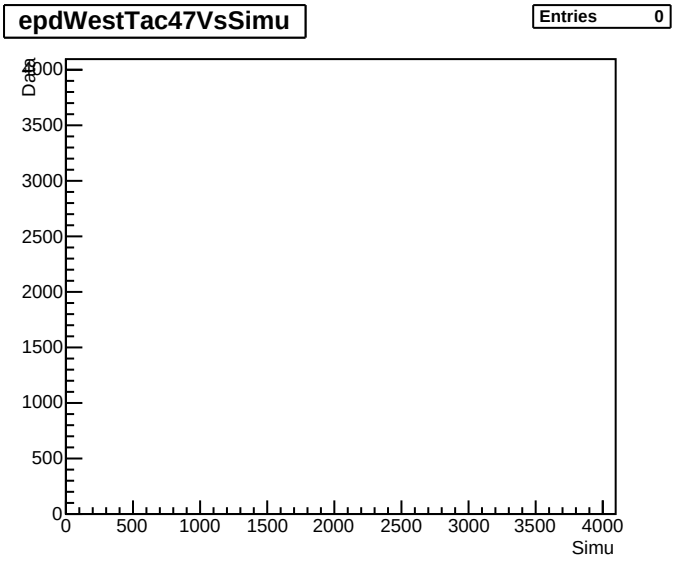
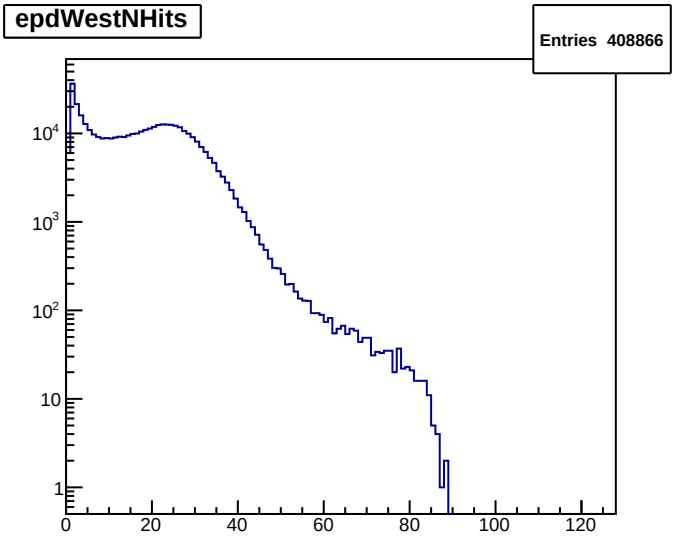
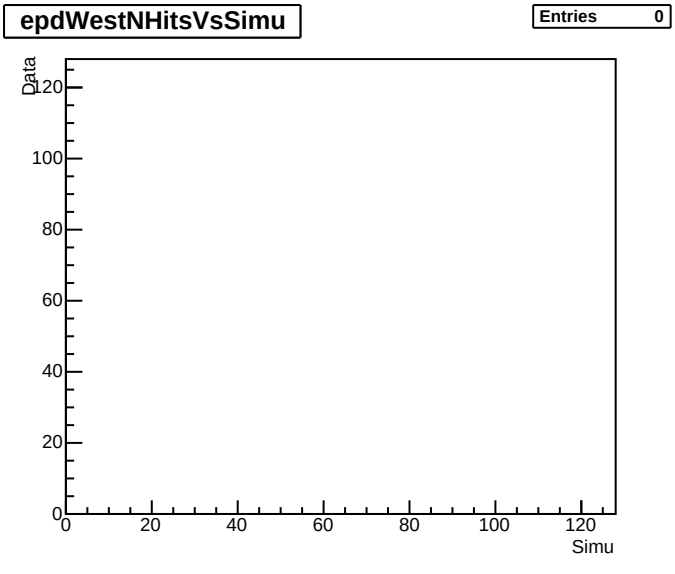
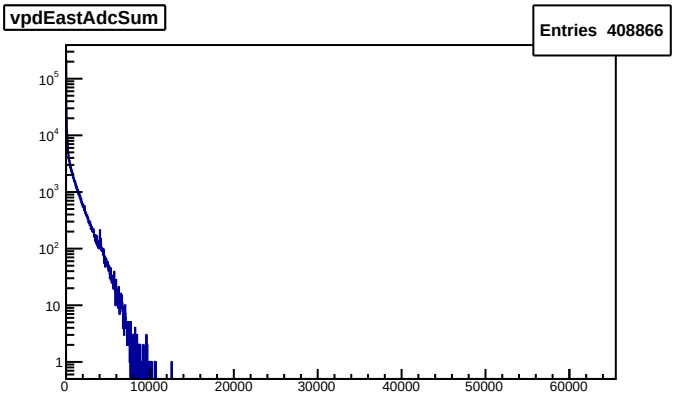
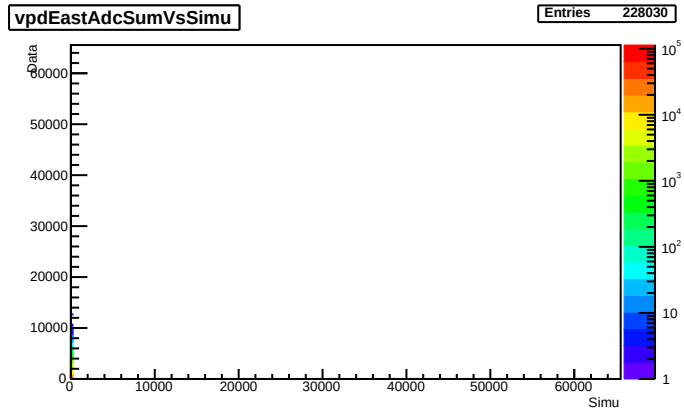
Entries 408866

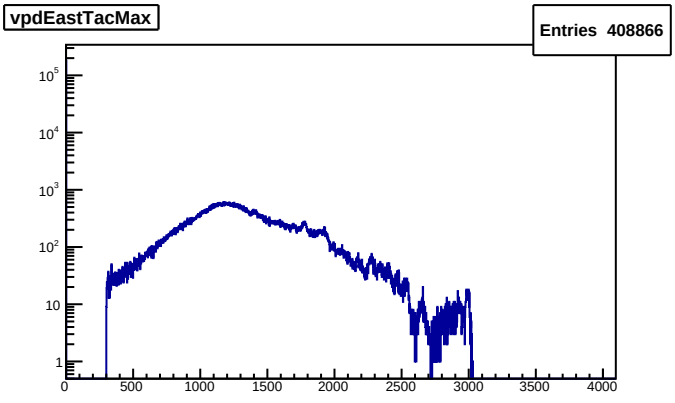

epdWestTac47VsSimu
Entries 0
Data
Simu

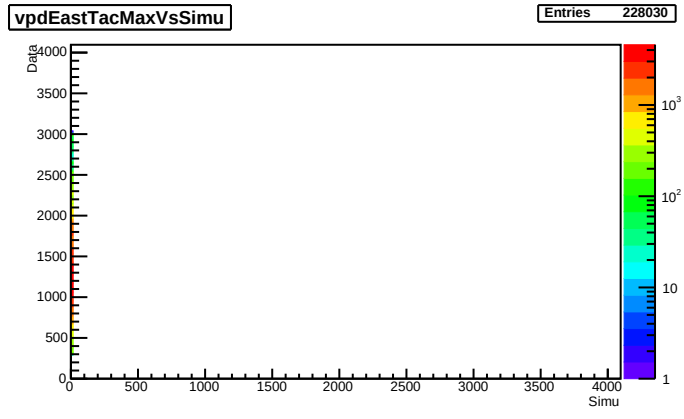

epdWestNHits
Entries 408866

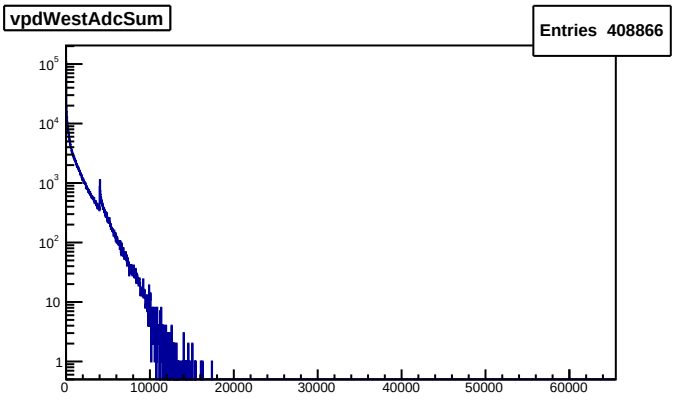

epdWestNHitsVsSimu
Entries 0
Data
Simu

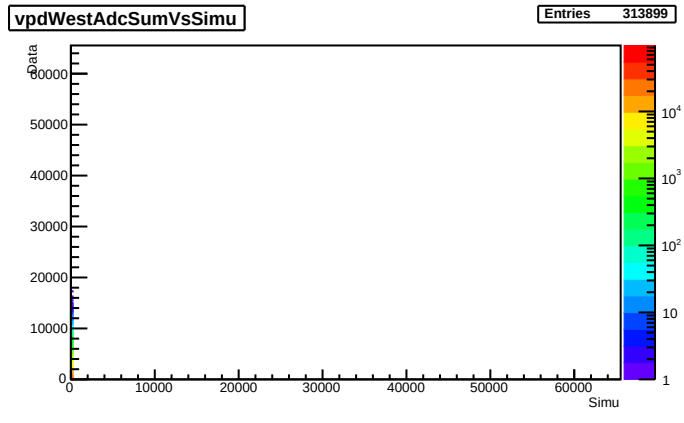

vpdEastAdcSum
Entries 408866

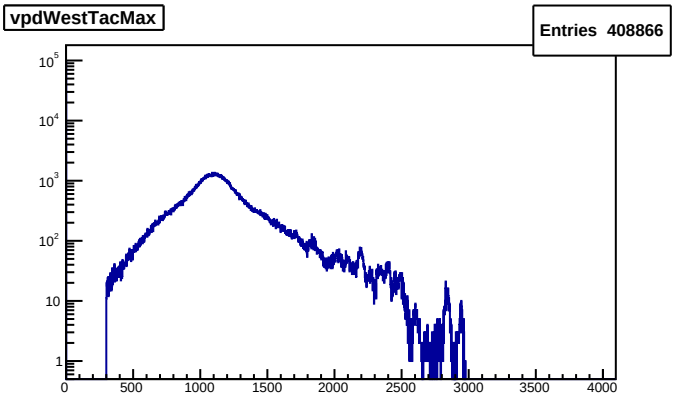

vpdEastAdcSumVsSimu
Entries 228030
Data
Simu

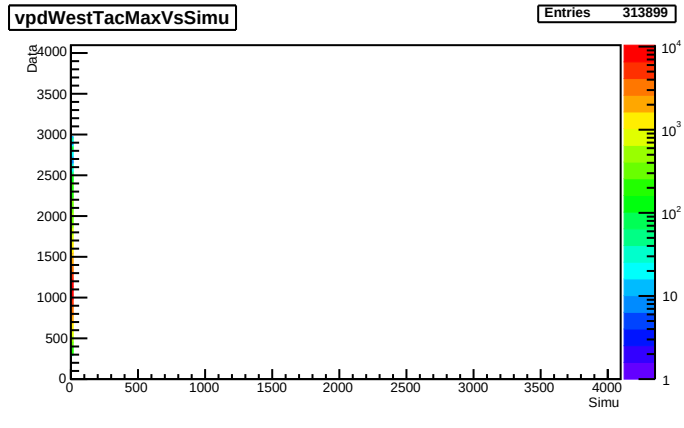

vpdEastTacMax
Entries 408866

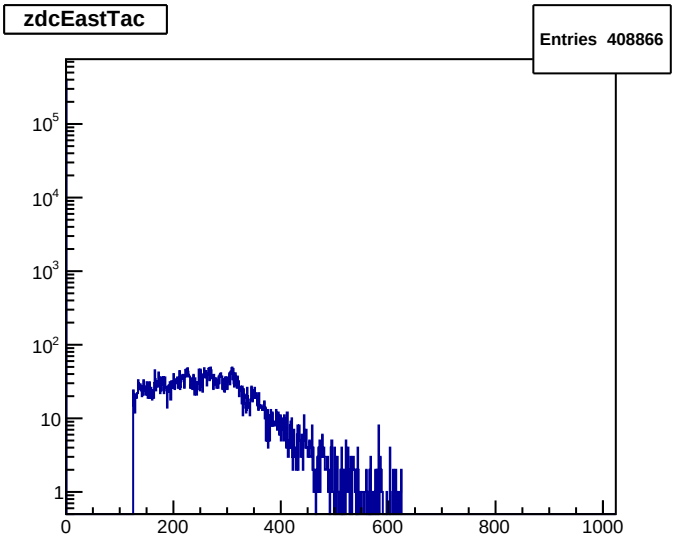

vpdEastTacMaxVsSimu
Entries 228030
Data
Simu

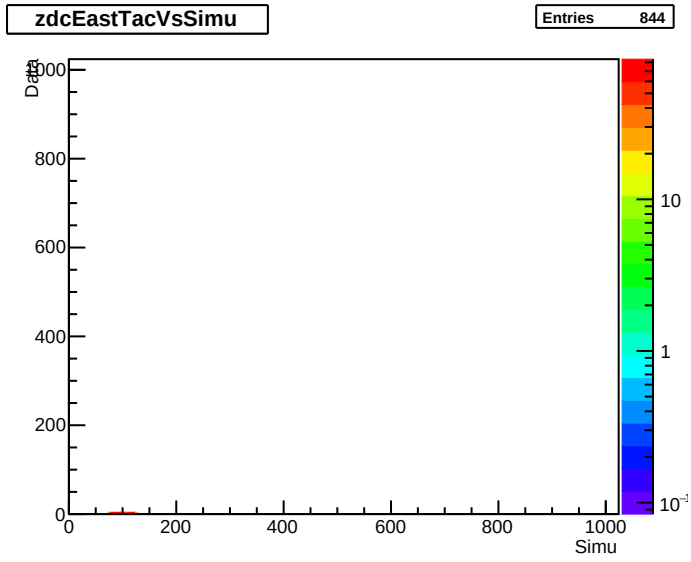

vpdWestAdcSum
Entries 408866

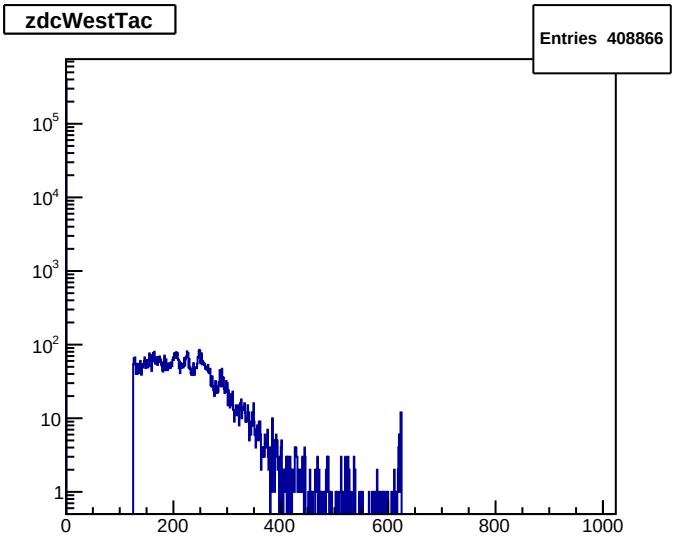

vpdWestAdcSumVsSimu
Entries 313899
Data
Simu

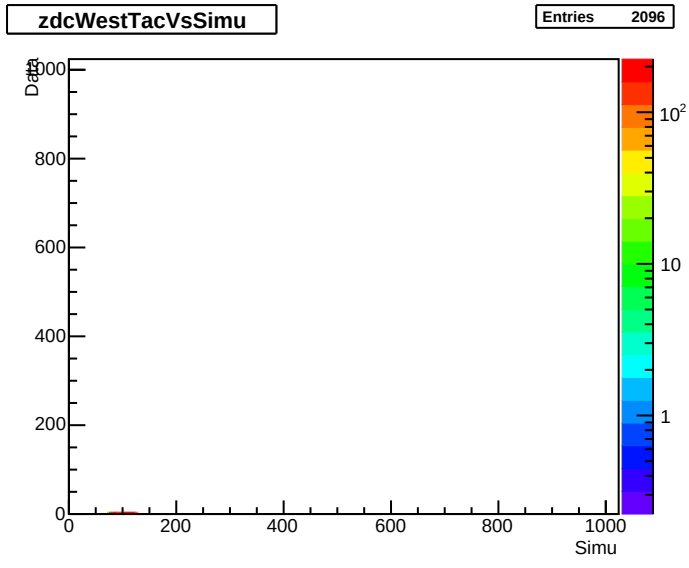

vpdWestTacMax
Entries 408866

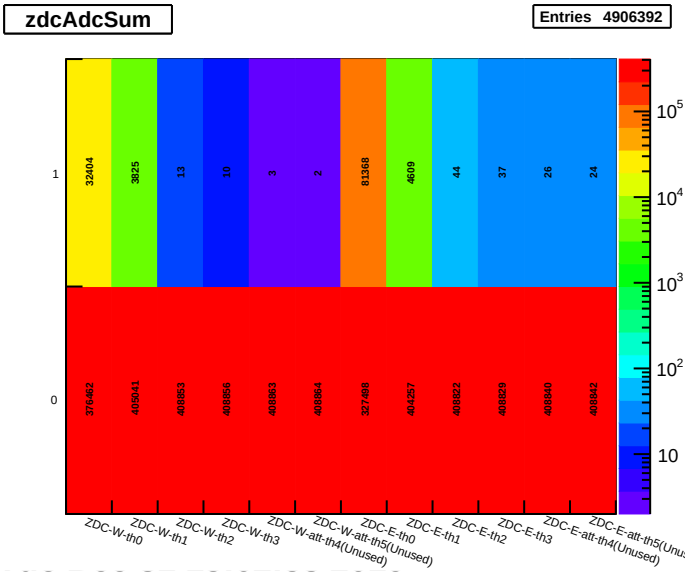

vpdWestTacMaxVsSimu
Entries 313899
Data
Simu

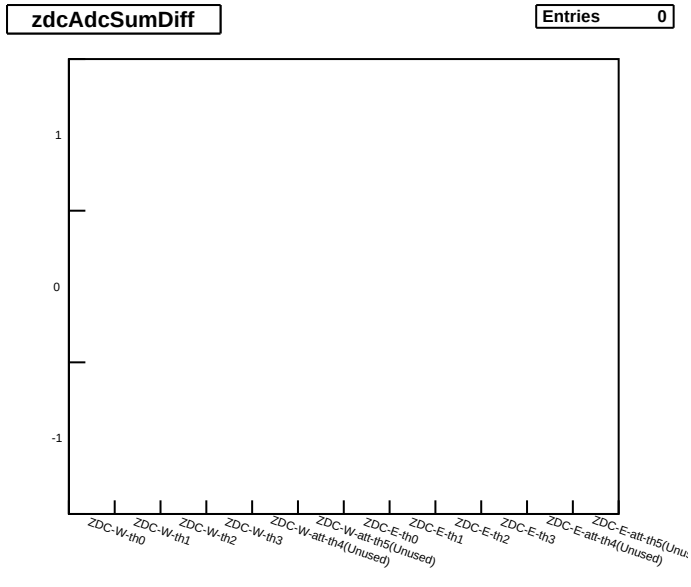

zdcEastTac
Entries 408866

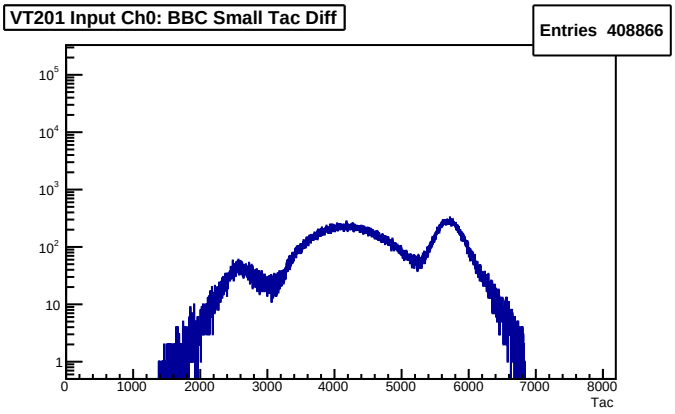

zdcEastTacVsSimu
Entries 844
Data
Simu

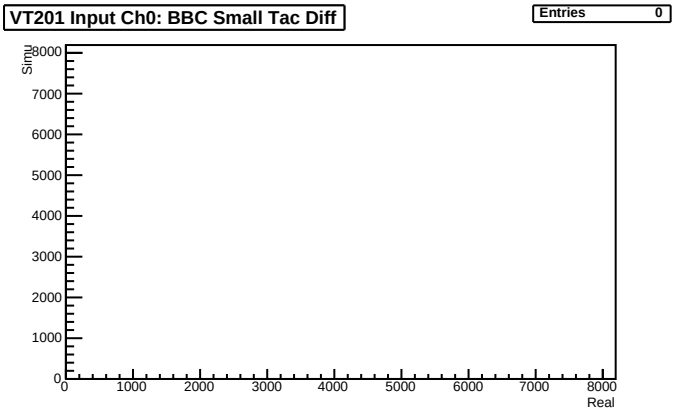

zdcWestTac
Entries 408866

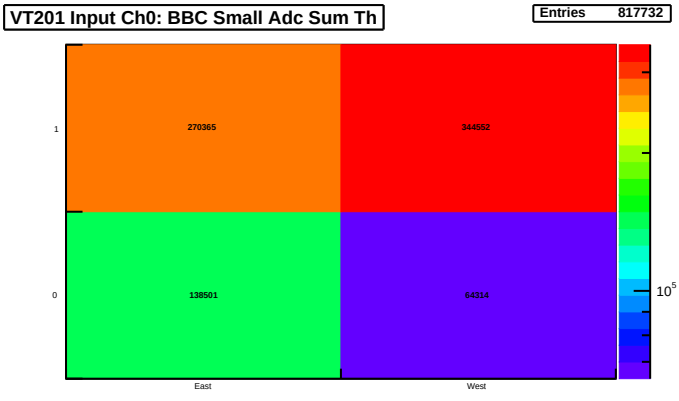

zdcWestTacVsSimu
Entries 2096
Data
Simu

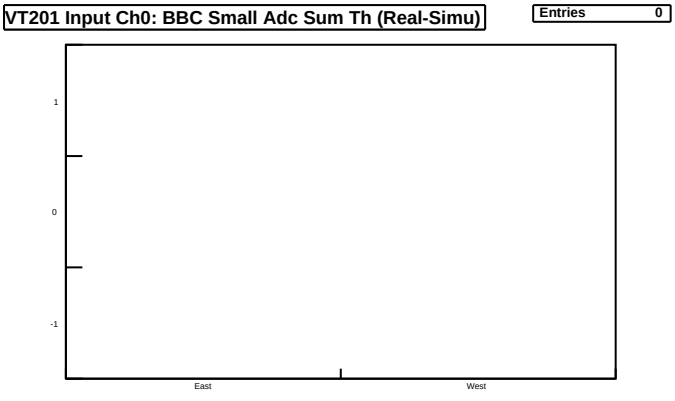

zdcAdcSum
Entries 4906392
32404
3825
13
10
3
2
81368
4609
44
37
26
24
376462
405041
408853
408856
408863
408864
327498
404257
408822
408829
408840
408842
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

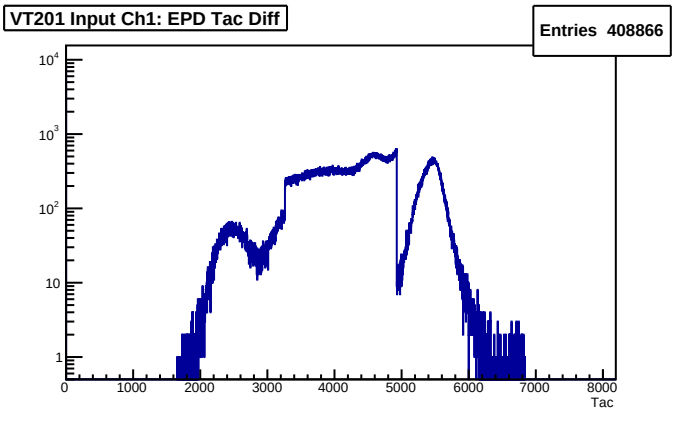

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

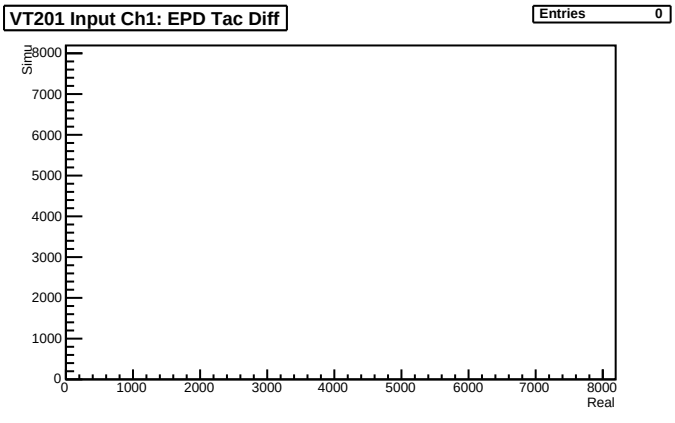

VT201 Input Ch0: BBC Small Tac Diff
Entries 408866
Tac

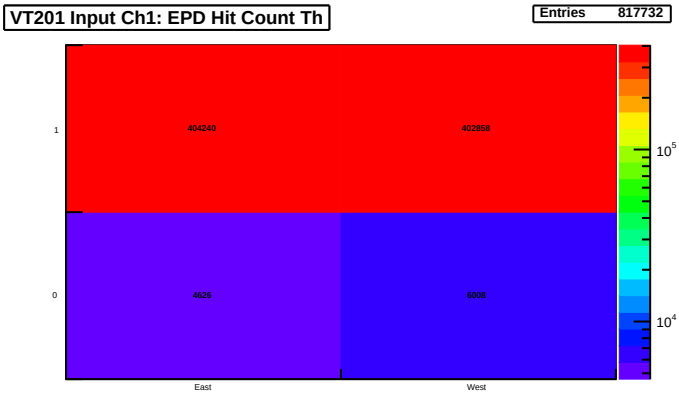

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

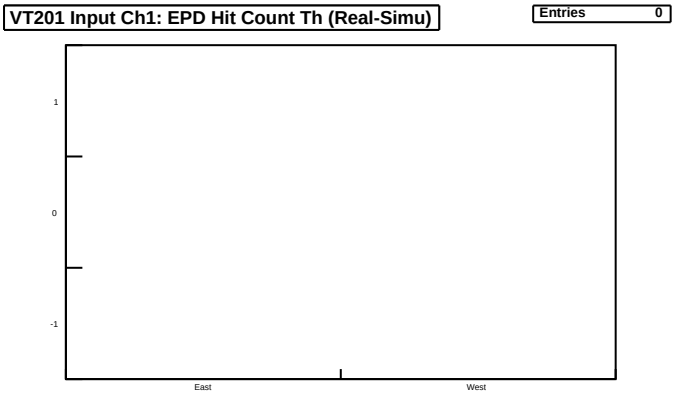

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 817732
270365
344552
138501
64314
East
West

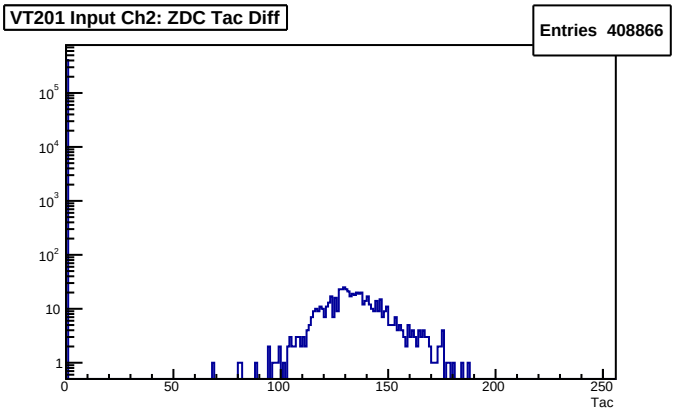

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

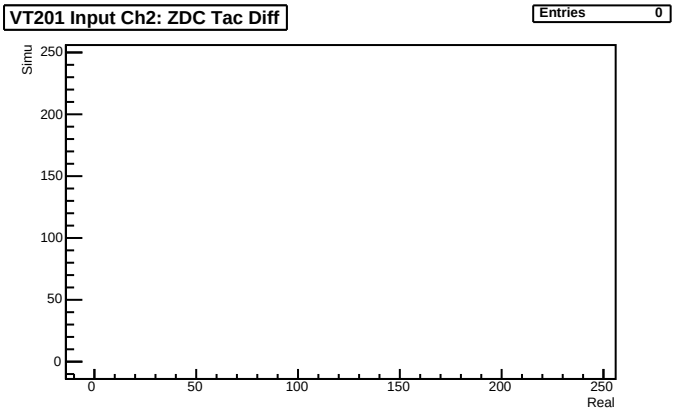

VT201 Input Ch1: EPD Tac Diff
Entries 408866
Tac

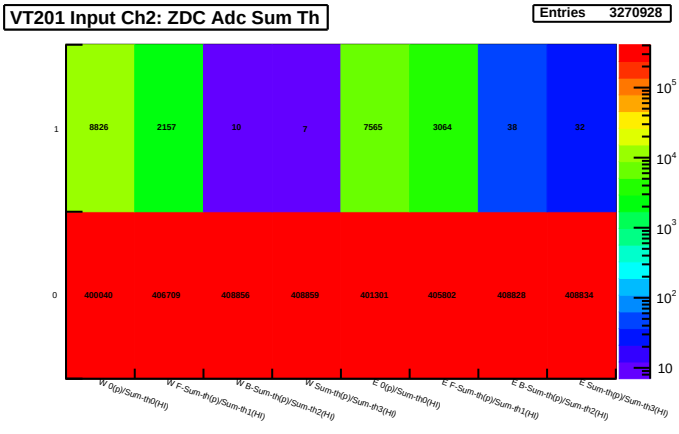

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

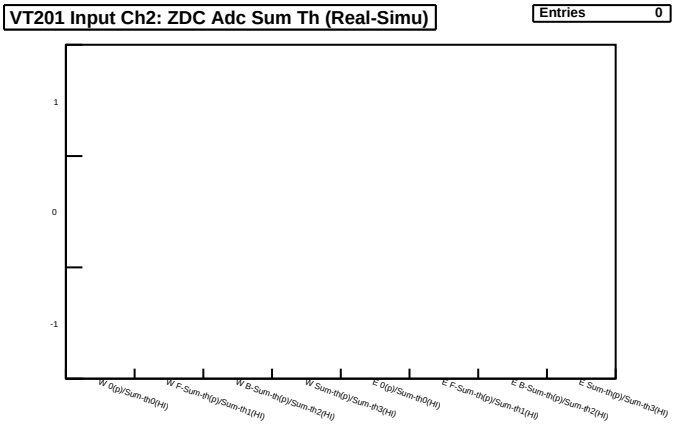

VT201 Input Ch1: EPD Hit Count Th
Entries 817732
404240
402858
4626
6008
East
West

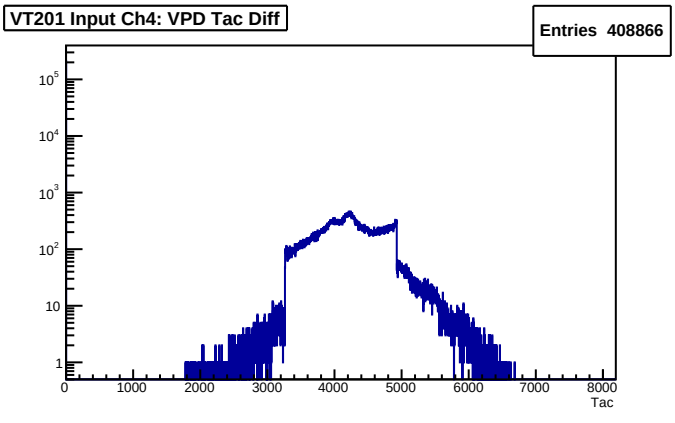

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

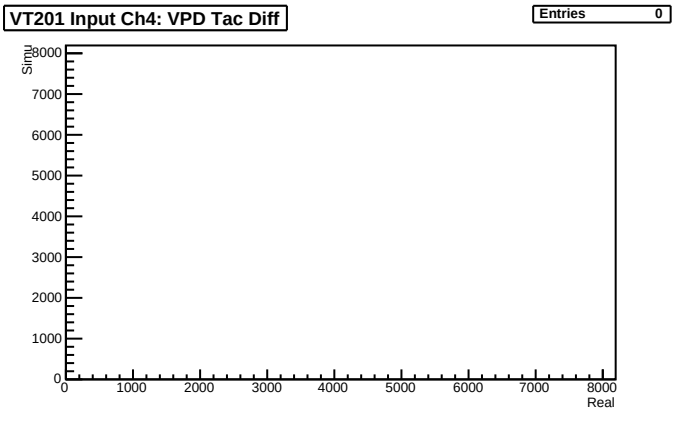

VT201 Input Ch2: ZDC Tac Diff
Entries 408866
Tac

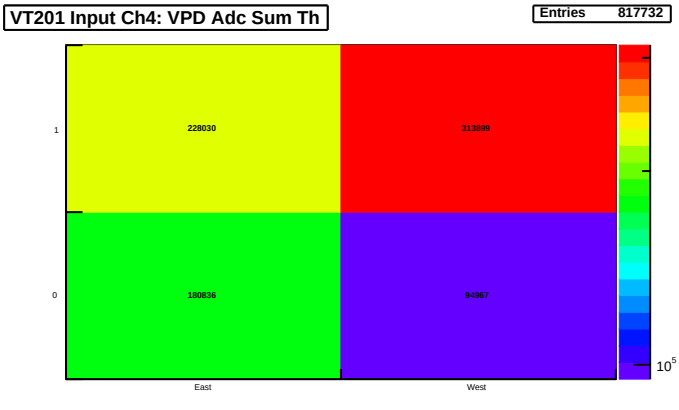

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

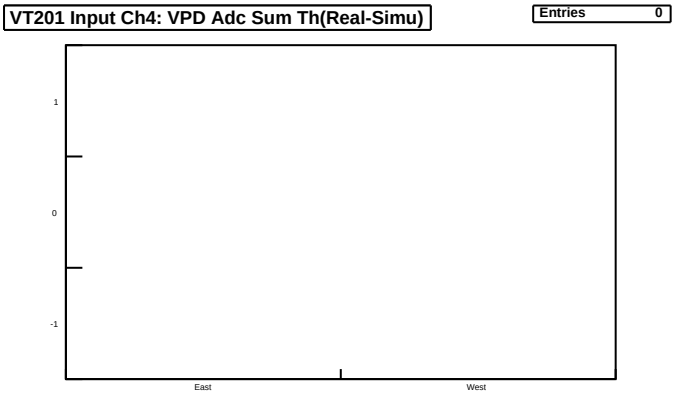

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3270928
8826
2157
10
7
7565
3064
38
32
400040
406709
408856
408859
401301
405802
408828
408834
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

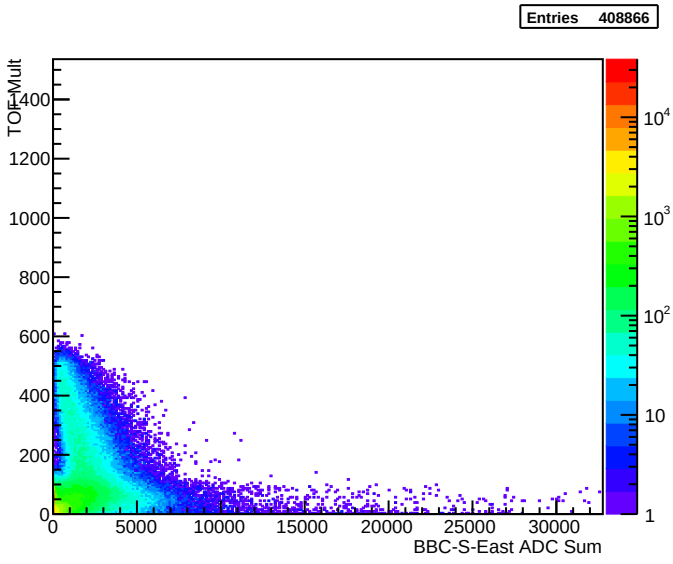

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

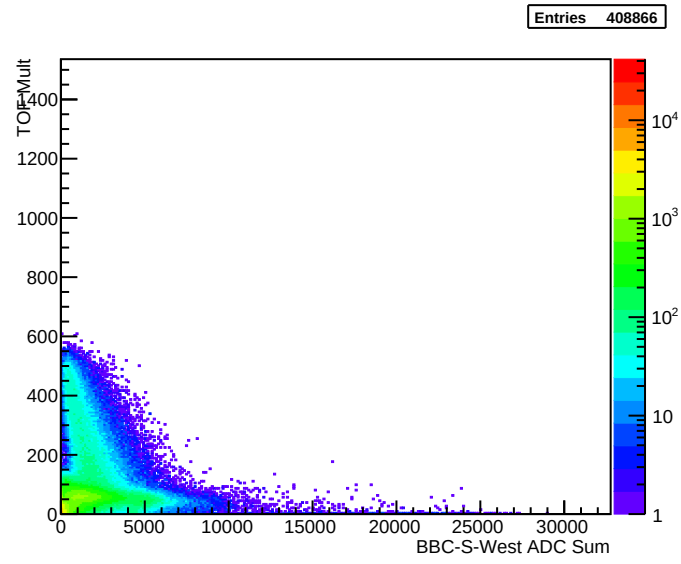

VT201 Input Ch4: VPD Tac Diff
Entries 408866
Tac

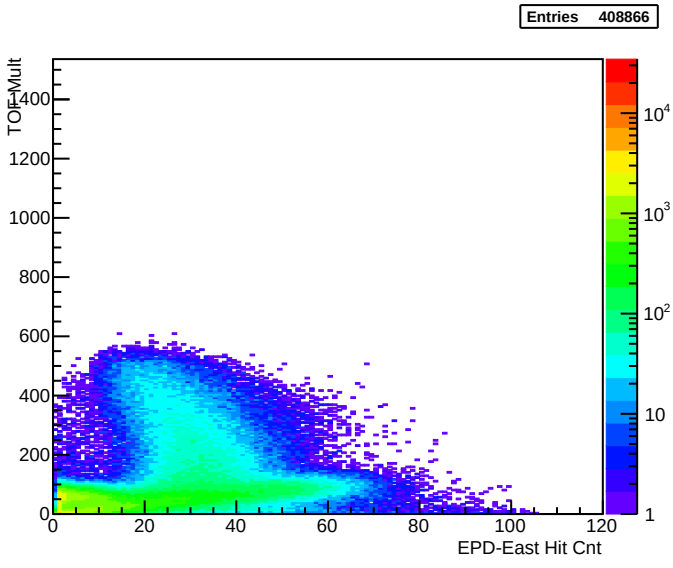

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

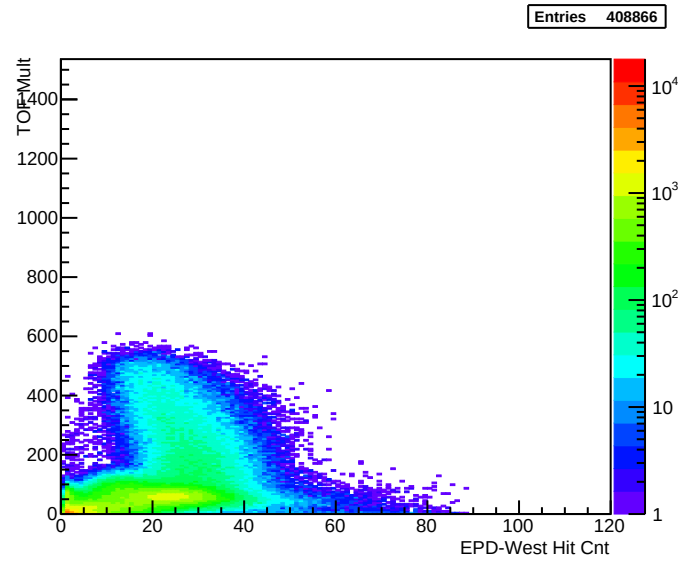

VT201 Input Ch4: VPD Adc Sum Th
Entries 817732
228030
313899
180836
94967
East
West

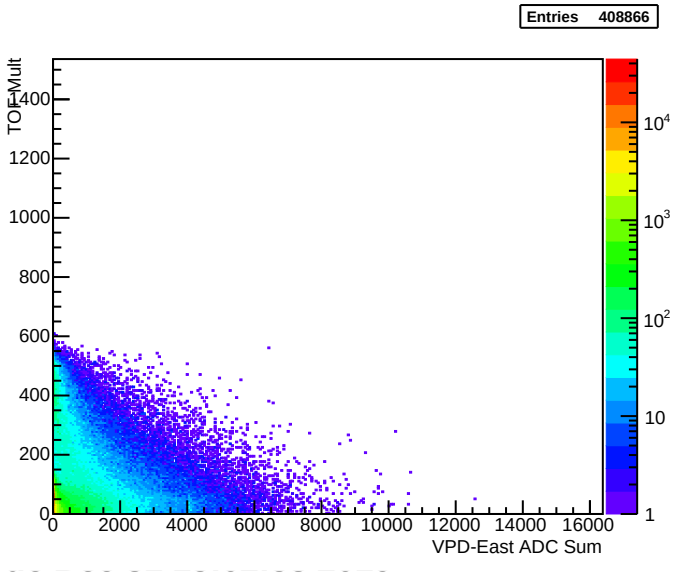

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

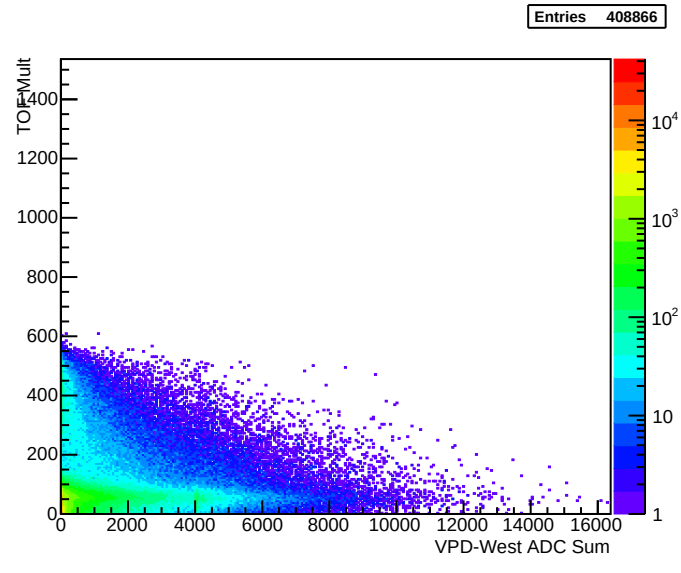

Entries 408866
TOF-Mult
BBC-S-East ADC Sum

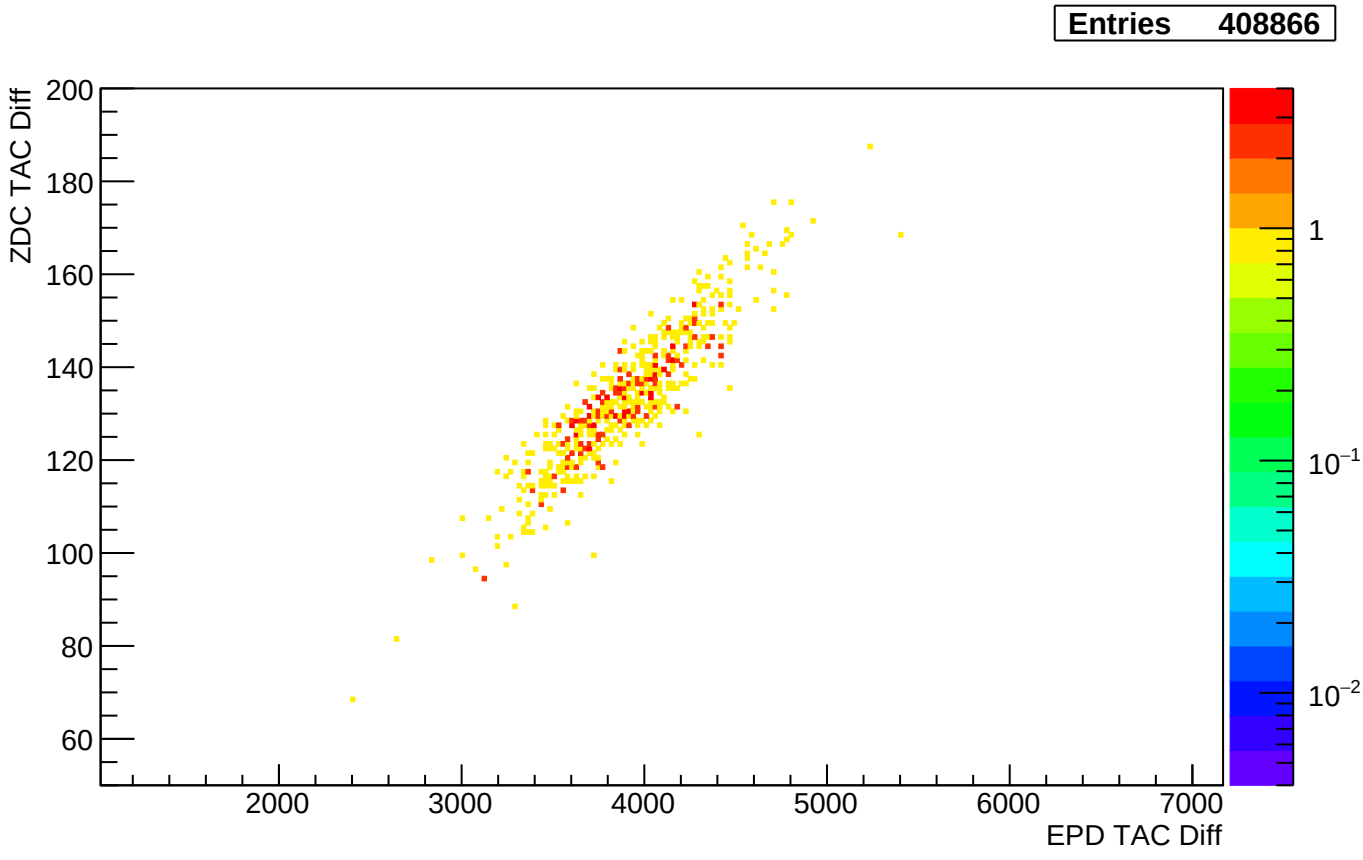

Entries 408866
TOF-Mult
BBC-S-West ADC Sum

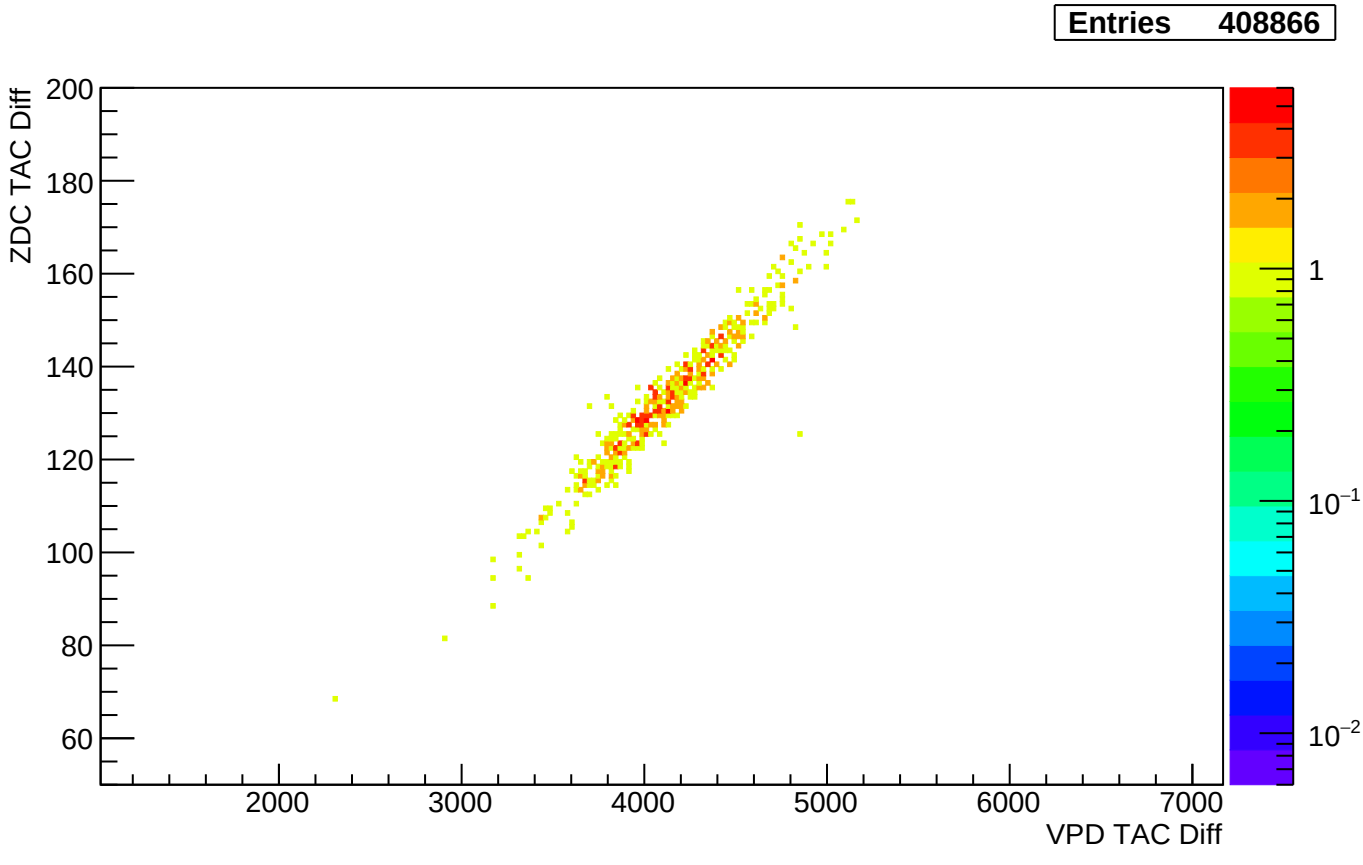

Entries 408866
TOF-Mult
EPD-East Hit Cnt

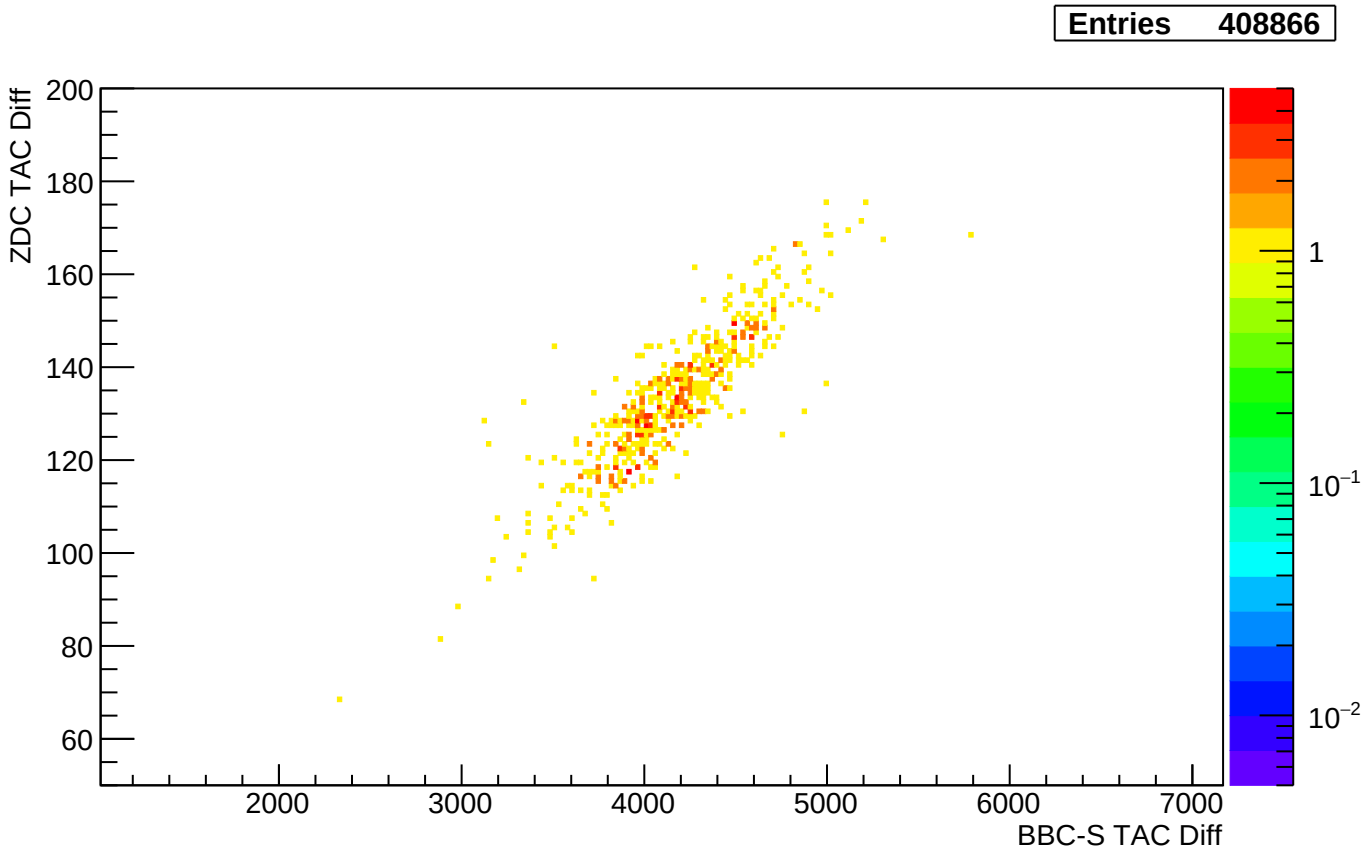

Entries 408866
TOF-Mult
EPD-West Hit Cnt

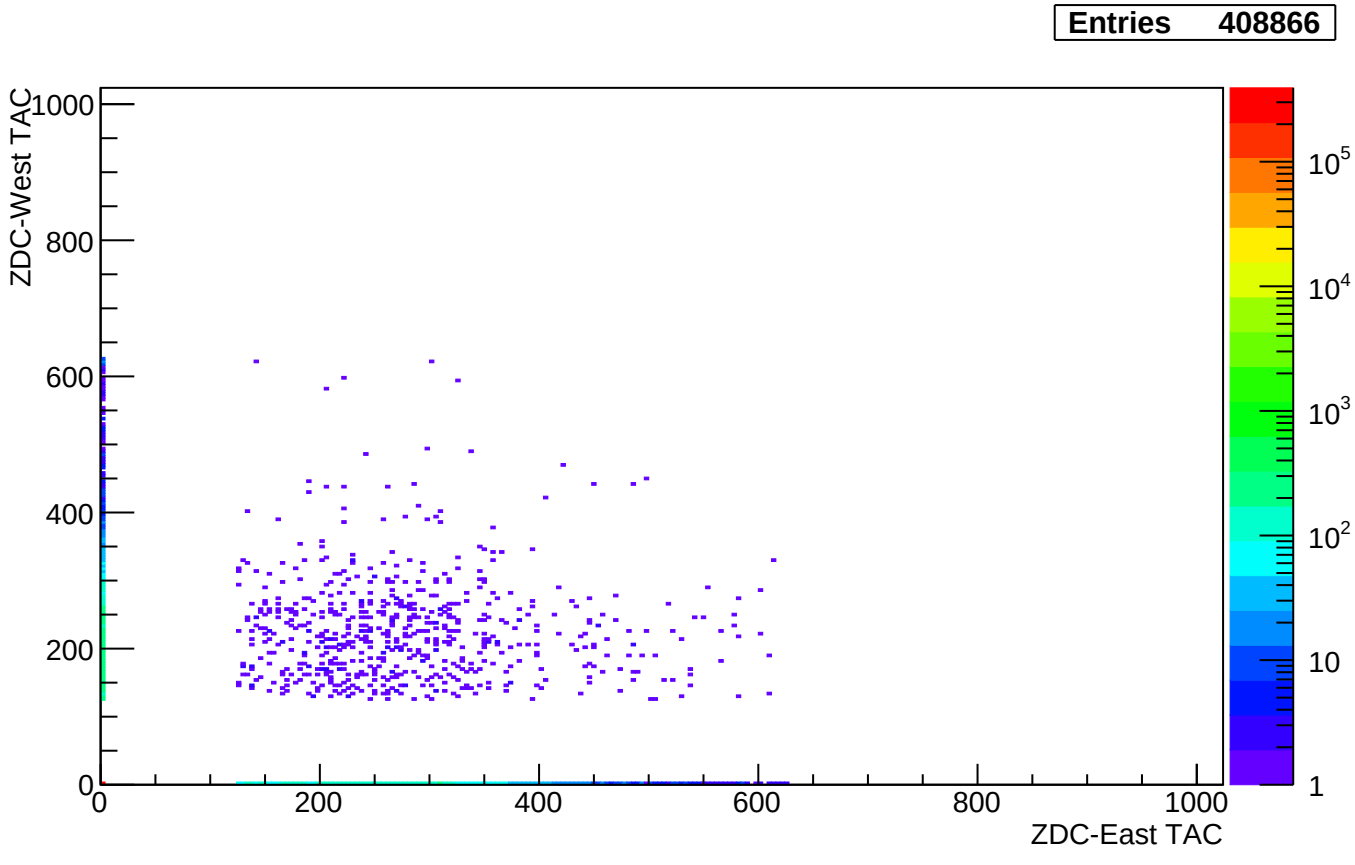

Entries 408866
TOF-Mult
VPD-East ADC Sum

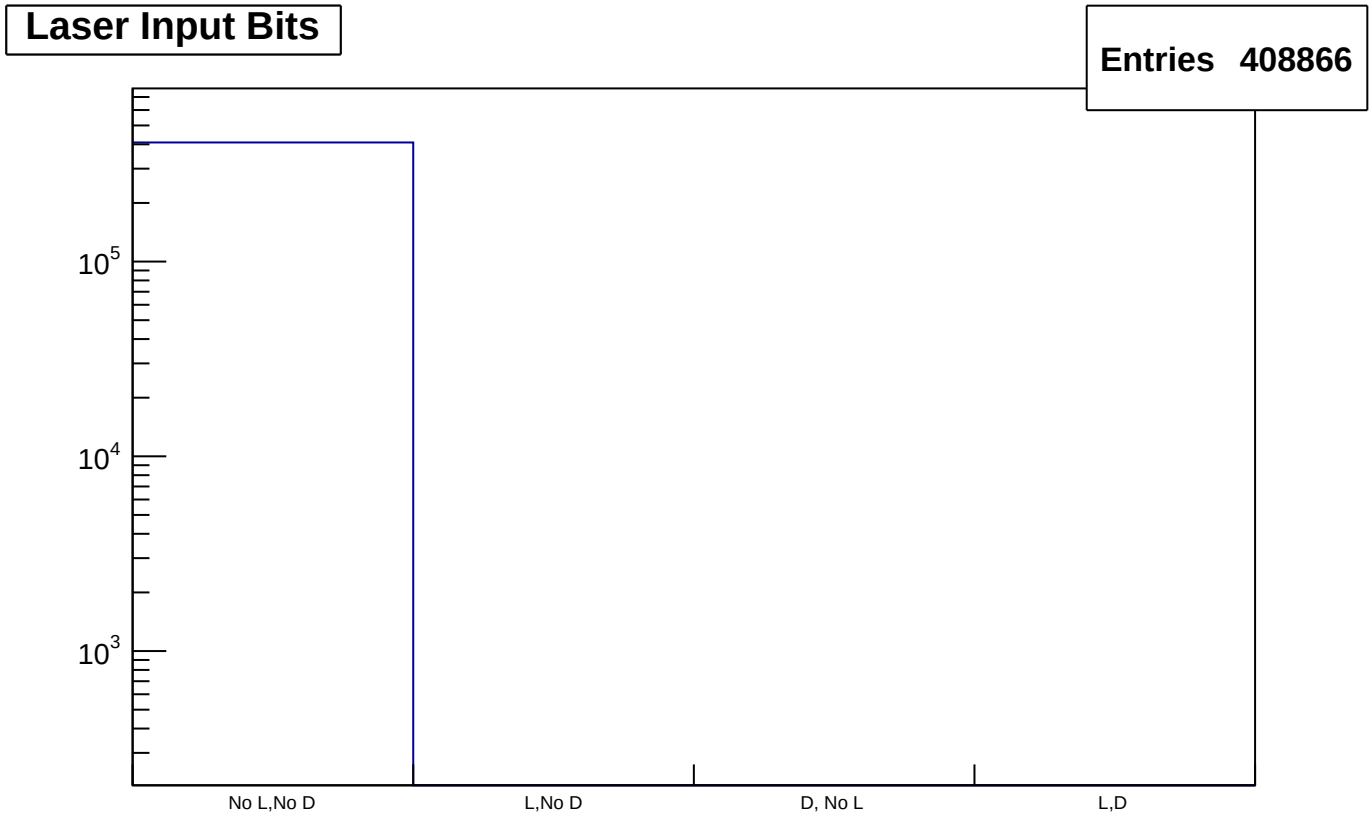

Entries 408866
TOF-Mult
VPD-West ADC Sum

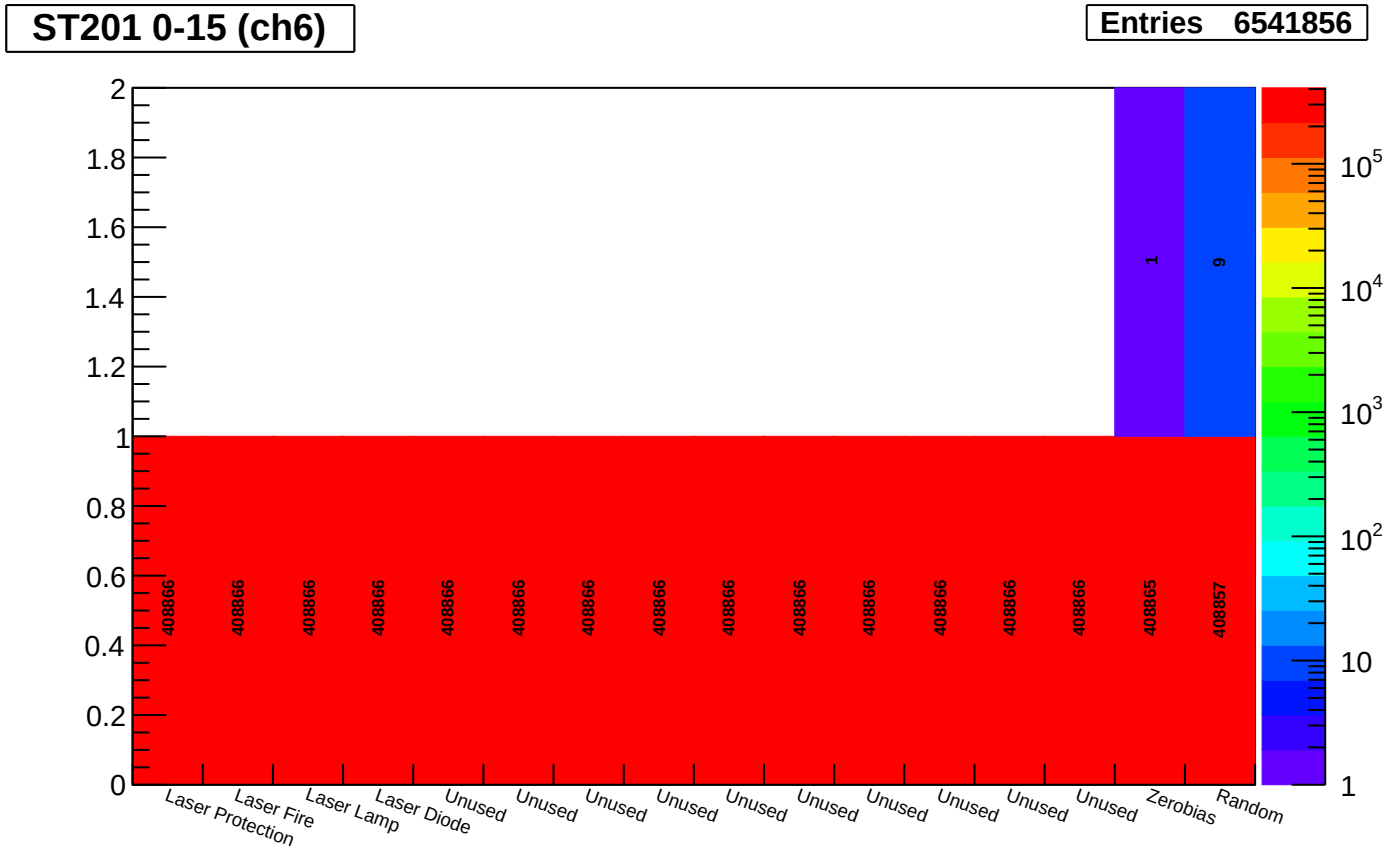

Entries 408866
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

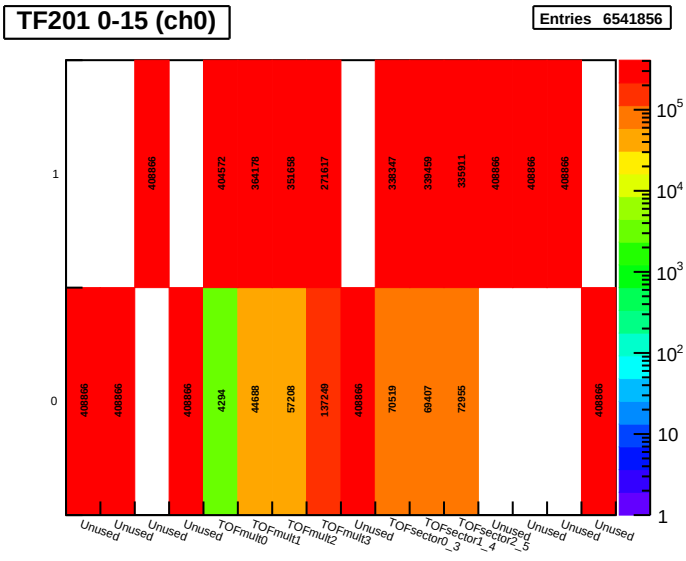

Entries 408866
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

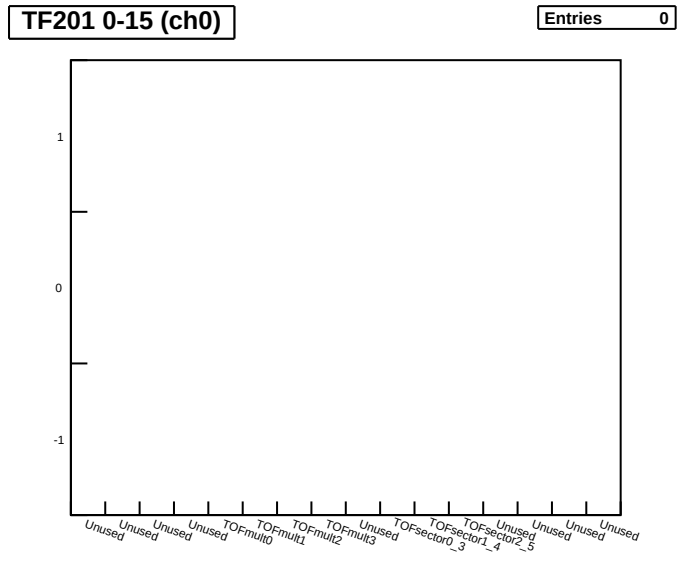

Entries 408866
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

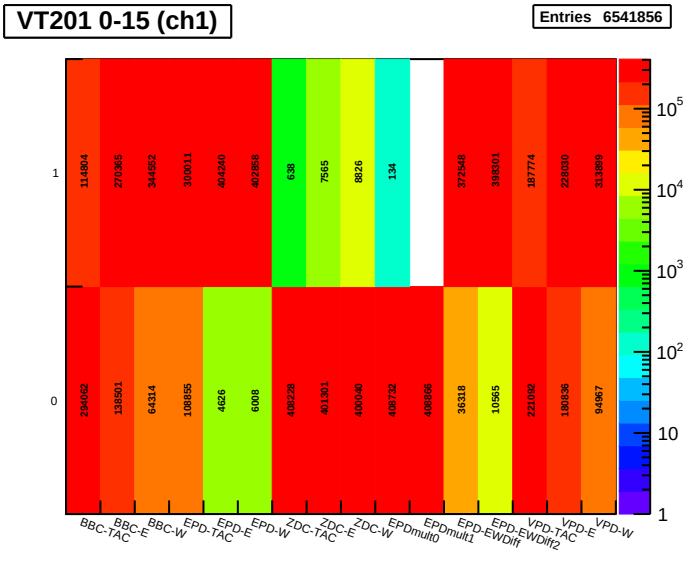

Entries 408866
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

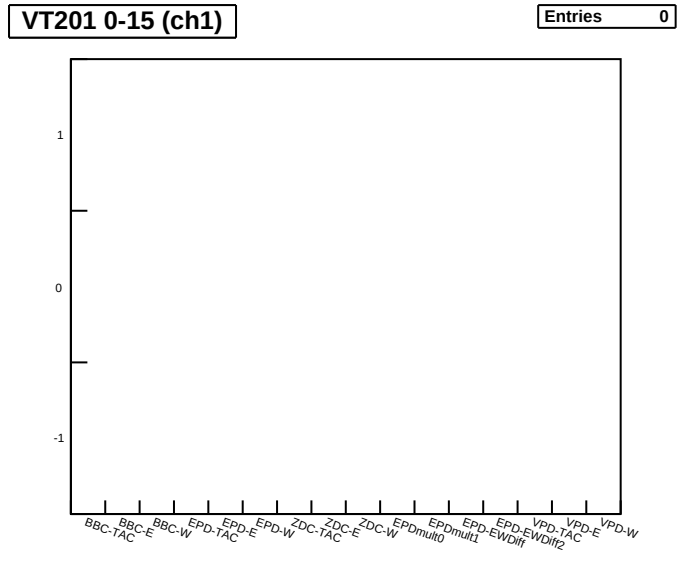

Laser Input Bits
Entries 408866
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

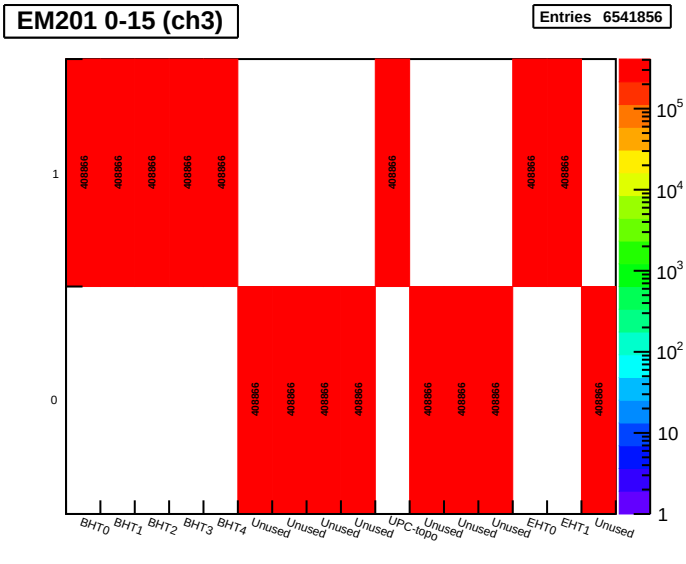

ST201 0-15 (ch6)
Entries 6541856
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
408866
408866
408866
408866
408866
408866
408866
408866
408866
408866
408866
408866
408866
408866
408865
408857
1
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

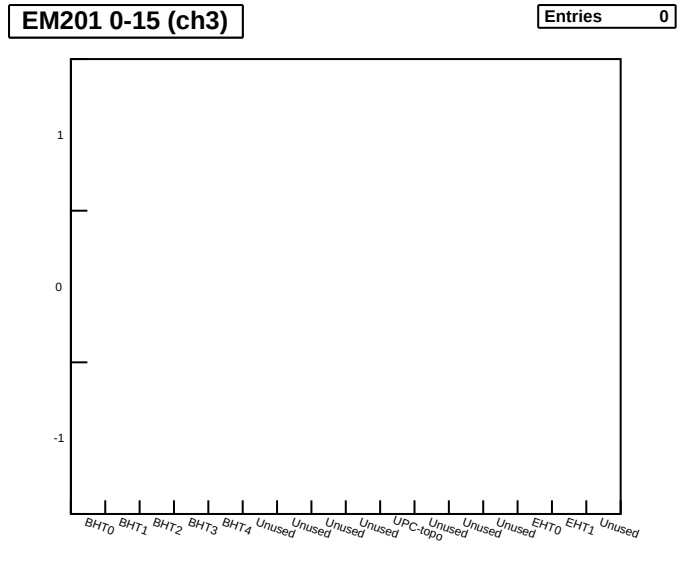

TF201 0-15 (ch0)
Entries 6541856
1
0
408866 404572 364178 351658 271617 338347 339459 335911 408866 408866 408866
408866 408866 408866 4294 44688 57208 137249 408866 70519 69407 72955 408866
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 6541856
1
0
114894 270355 344552 300011 404240 402858 638 7565 8826 134 372548 398301 187774 228030 313989
294062 138501 64314 108855 4626 6008 408228 401301 400040 408732 408866 36318 10565 221092 180836 94967
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 6541856
1
0
408866 408866 408866 408866 408866 408866 408866 408866 408866
408866 408866 408866 408866 408866 408866 408866 408866
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