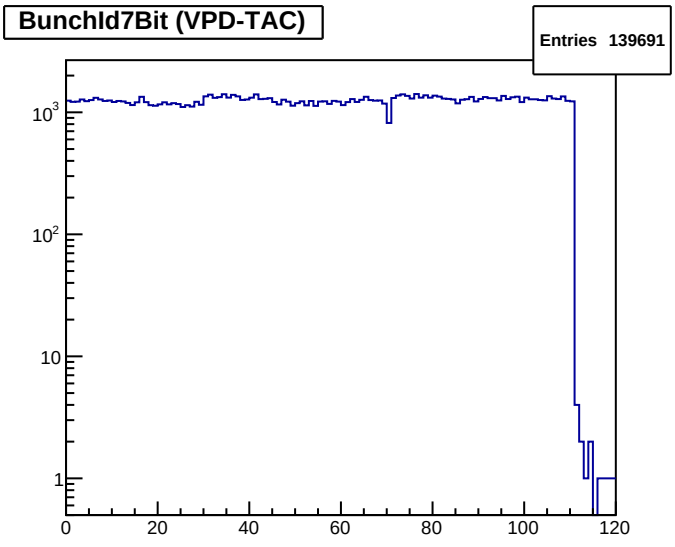
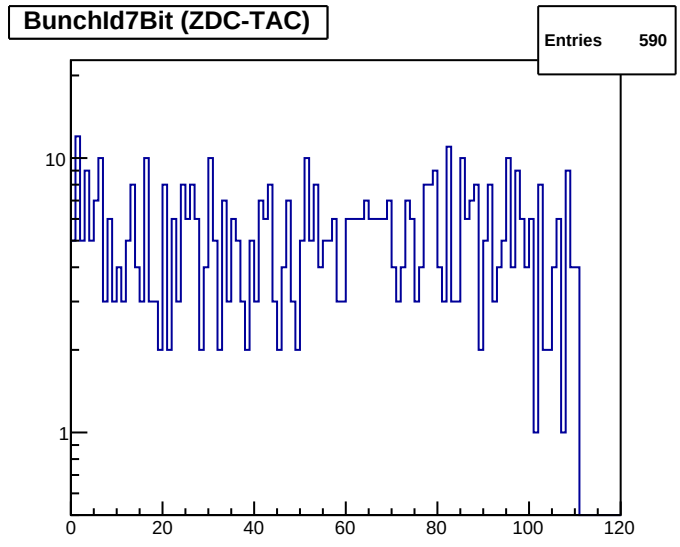
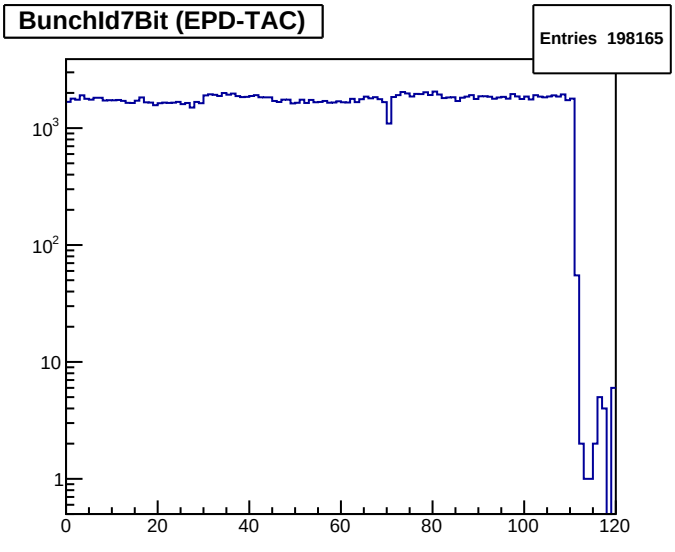
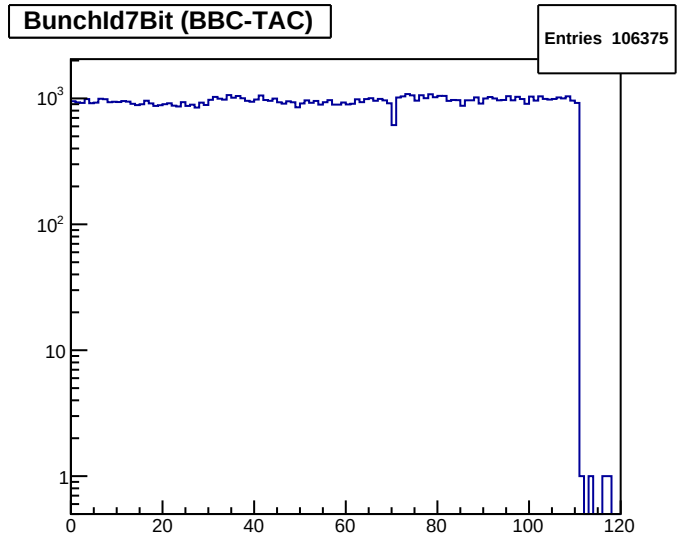
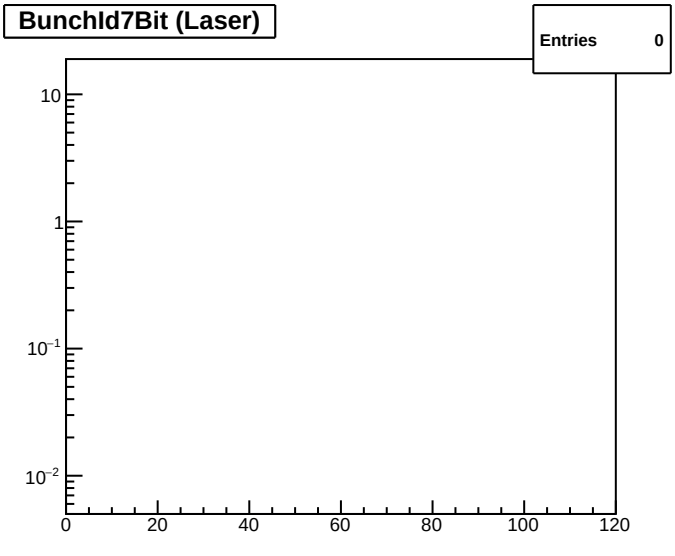
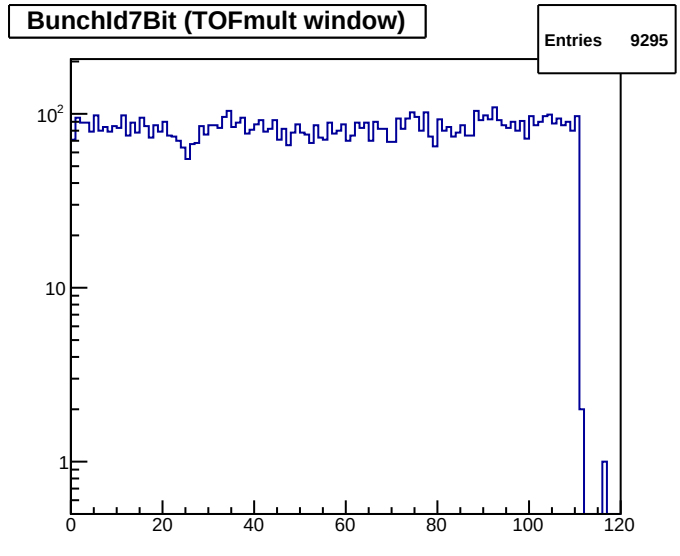

BunchId7Bit (VPD-TAC)
Entries 139691

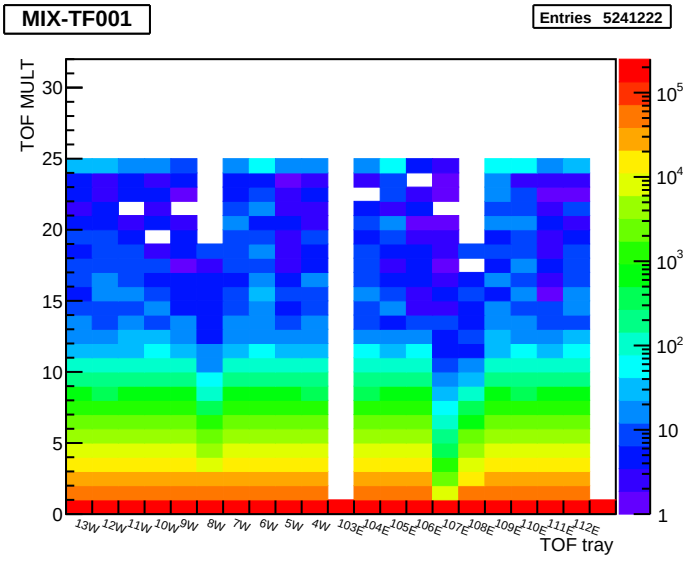

BunchId7Bit (ZDC-TAC)
Entries 590

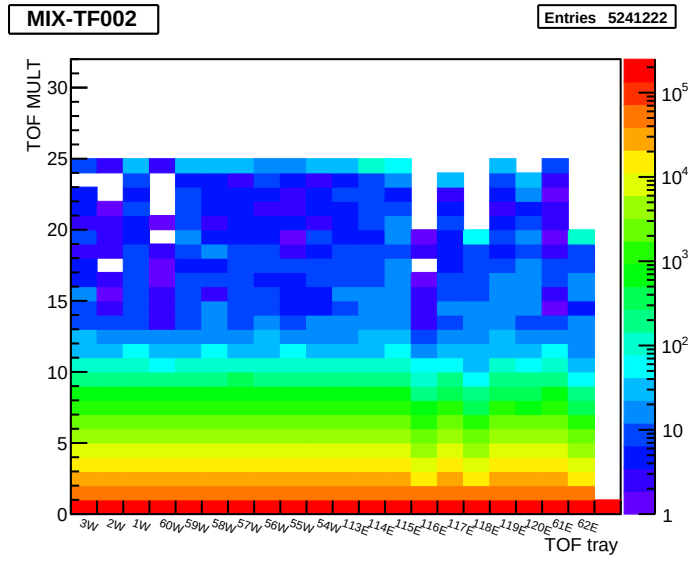

BunchId7Bit (EPD-TAC)
Entries 198165

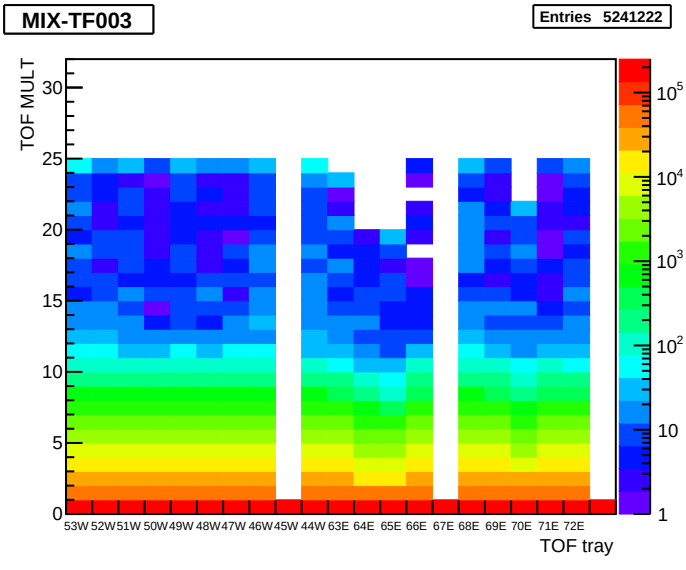

BunchId7Bit (BBC-TAC)
Entries 106375

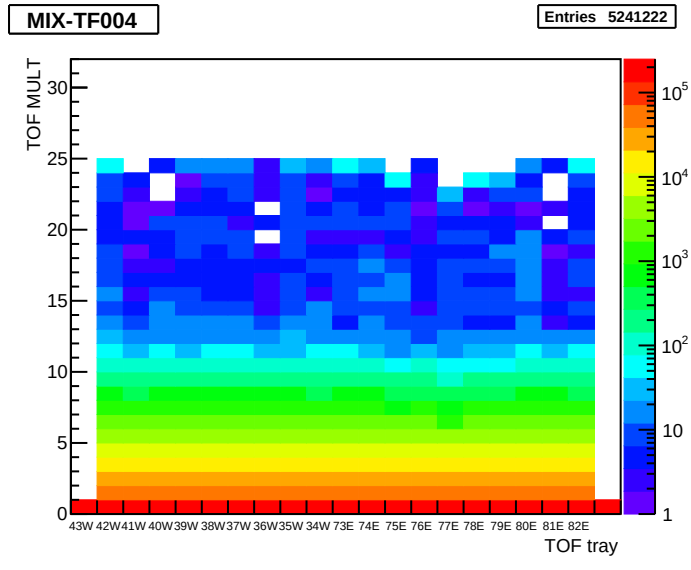

BunchId7Bit (Laser)
Entries 0

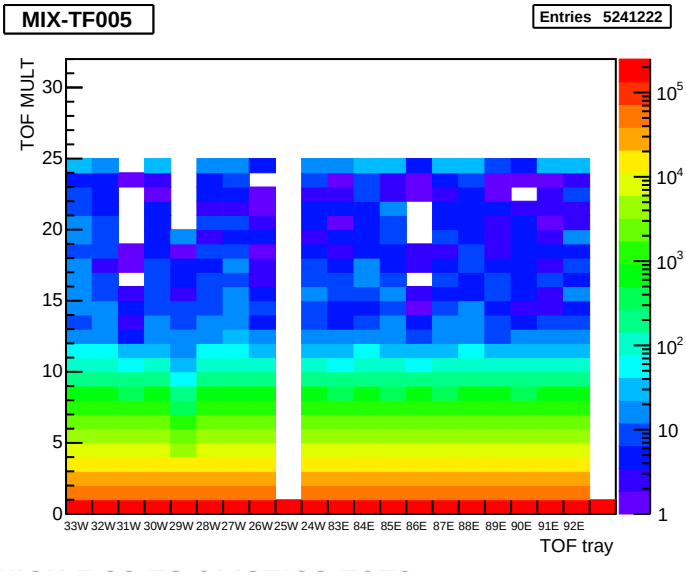

BunchId7Bit (TOFmult window)
Entries 9295

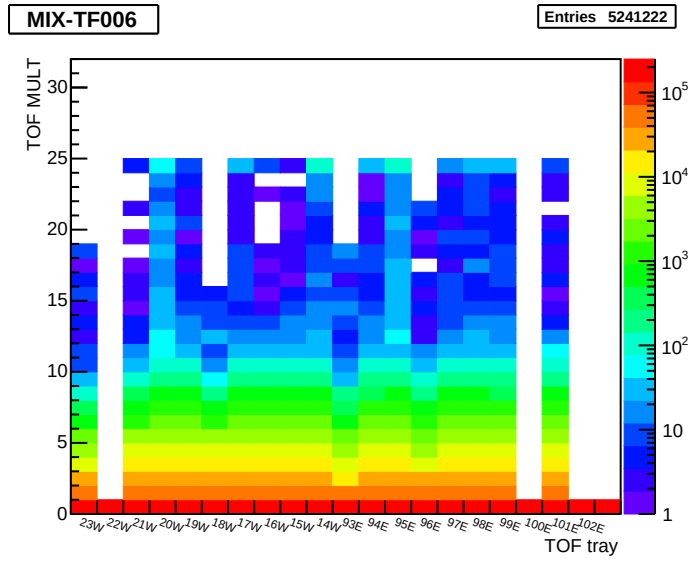

MIX-TF001
Entries 5241222
TOF MULT
TOF tray

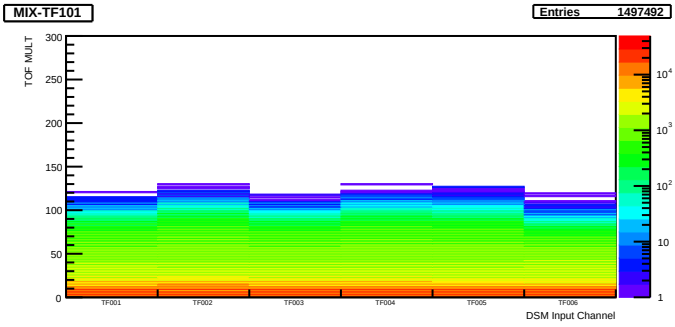

MIX-TF002
Entries 5241222
TOF MULT
TOF tray

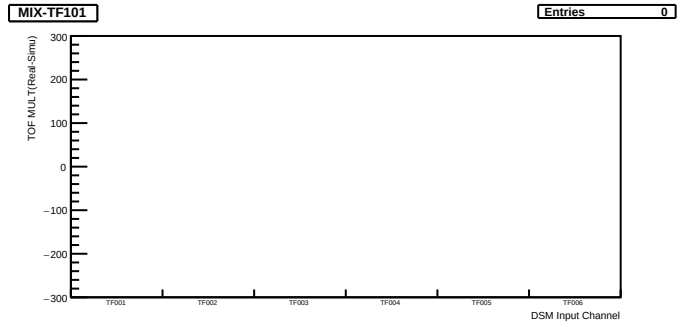

MIX-TF003
Entries 5241222
TOF MULT
TOF tray

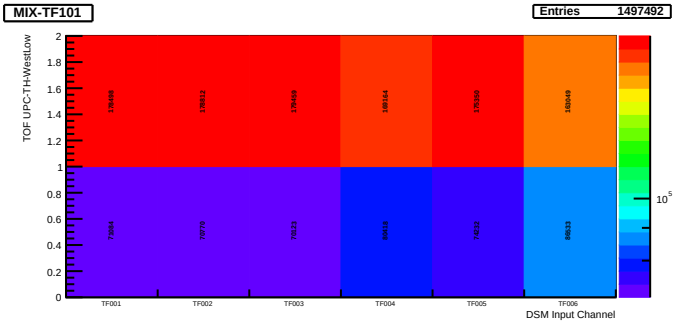

MIX-TF004
Entries 5241222
TOF MULT
TOF tray

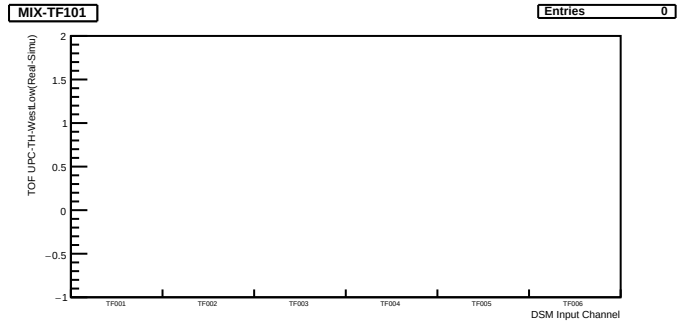

MIX-TF005
Entries 5241222
TOF MULT
TOF tray

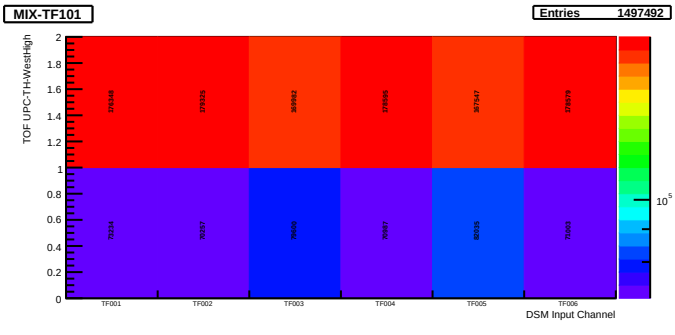

MIX-TF006
Entries 5241222
TOF MULT
TOF tray

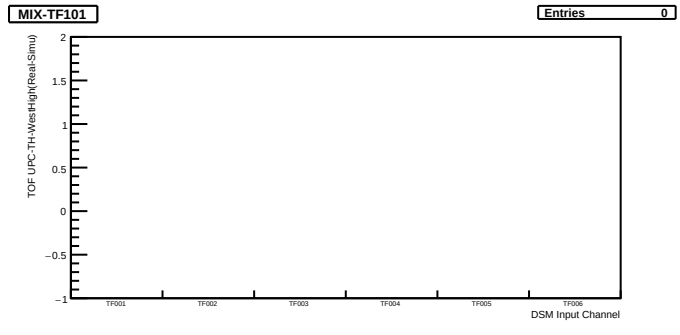

MIX-TF101
Entries 1497492
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

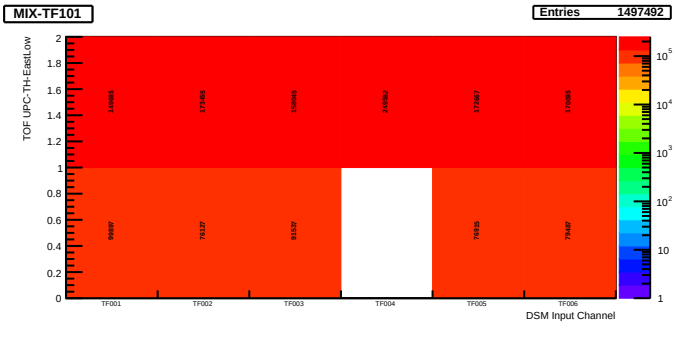

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

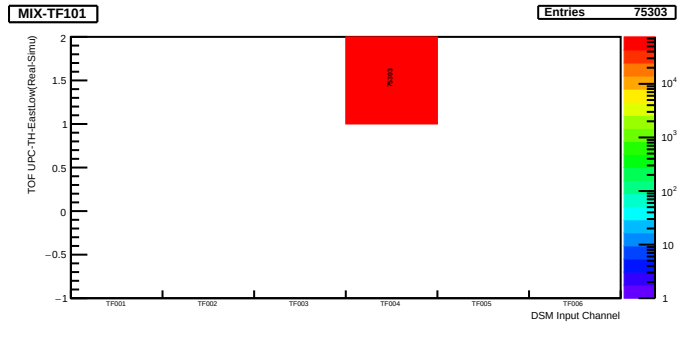

MIX-TF101
Entries 1497492
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

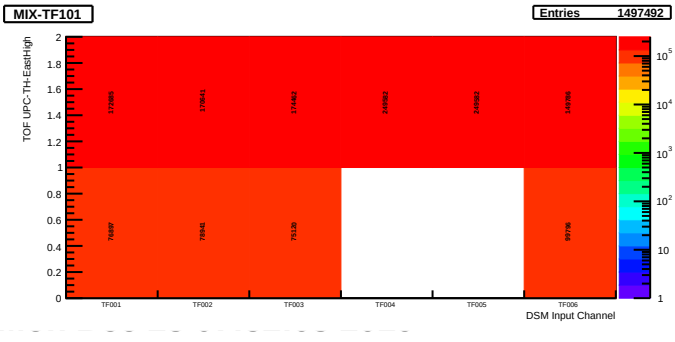

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

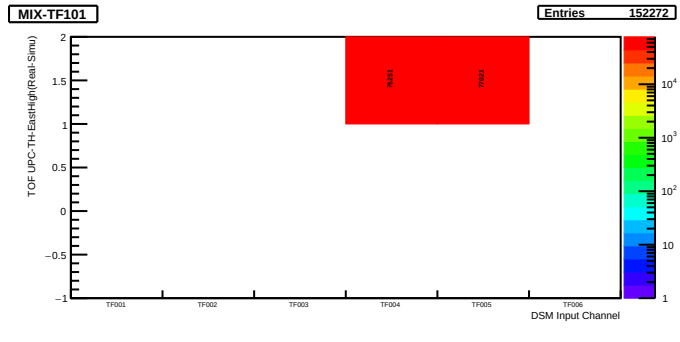

MIX-TF101
Entries 1497492
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

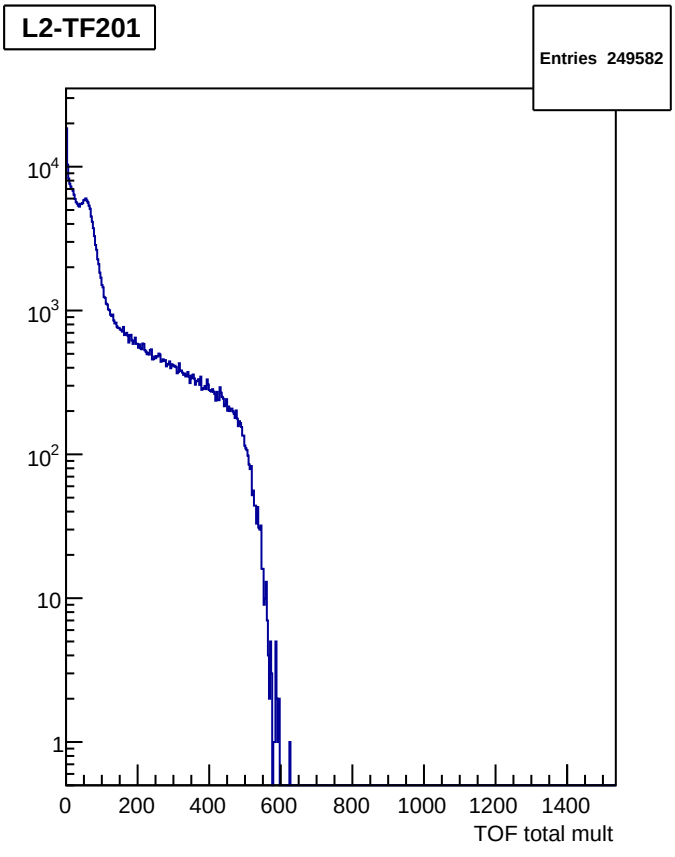

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

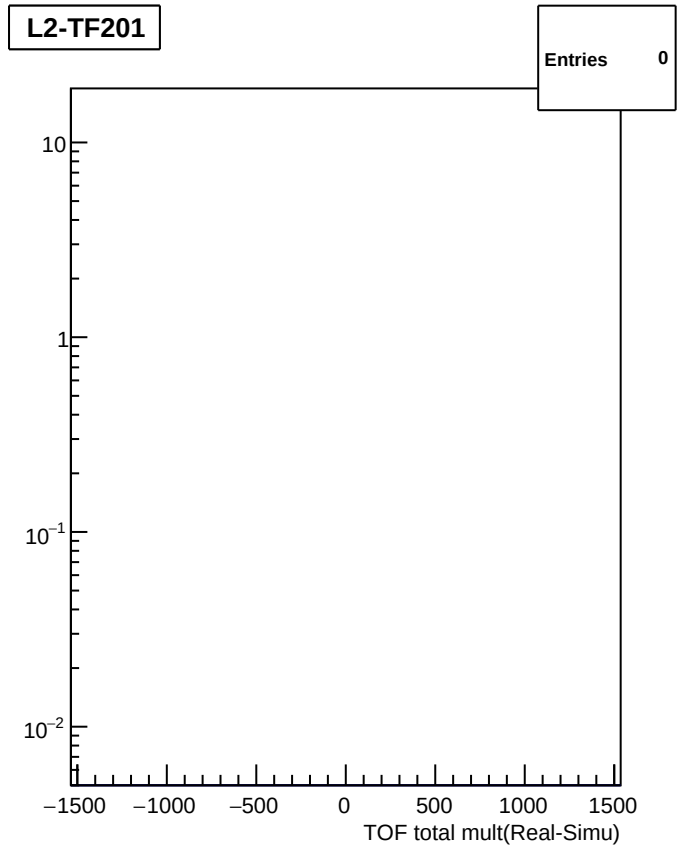

MIX-TF101
Entries 1497492
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

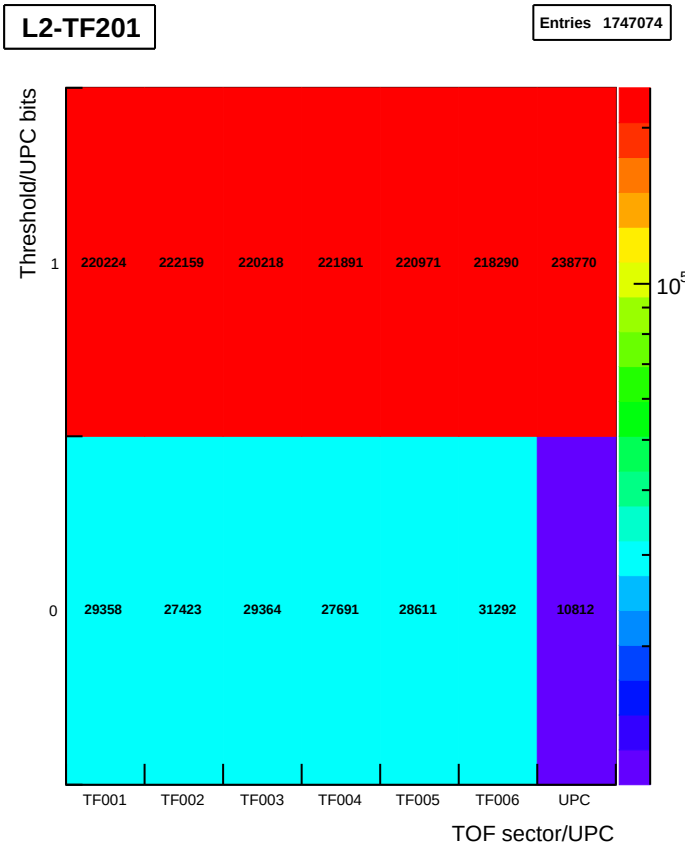

MIX-TF101
Entries 75303
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

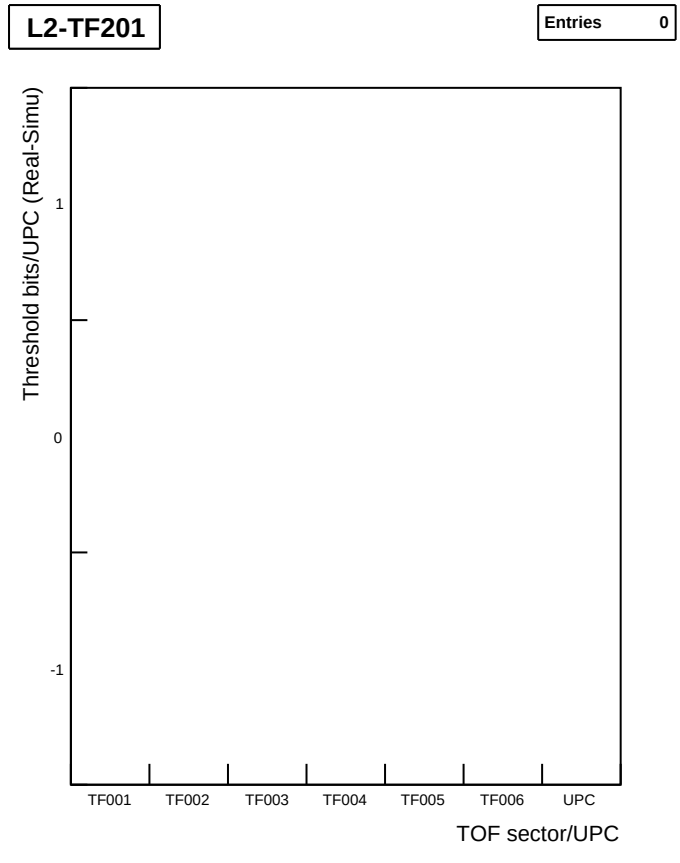

MIX-TF101
Entries 1497492
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

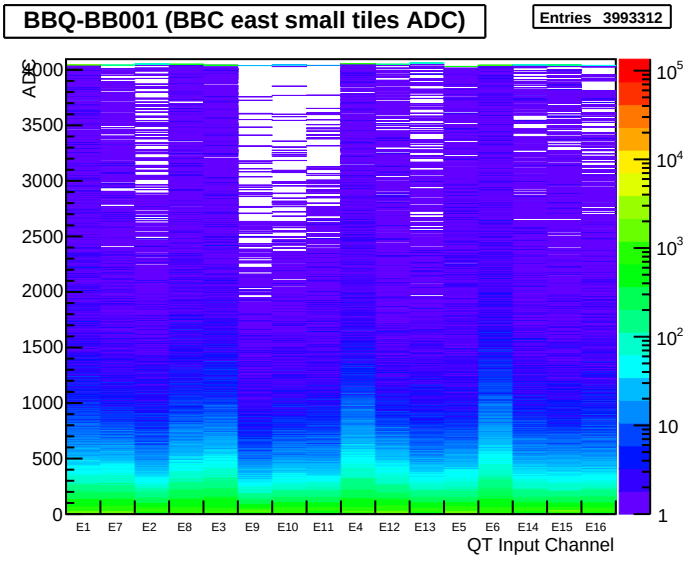

MIX-TF101
Entries 152272
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

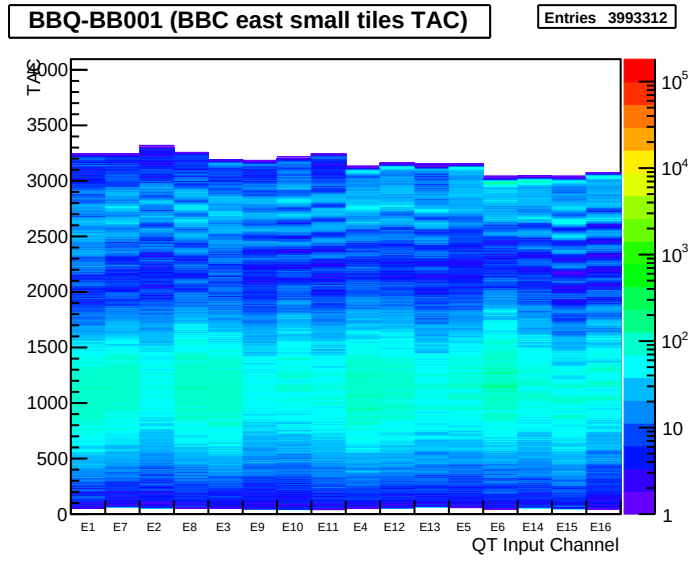

L2-TF201
Entries 249582
TOF total mult

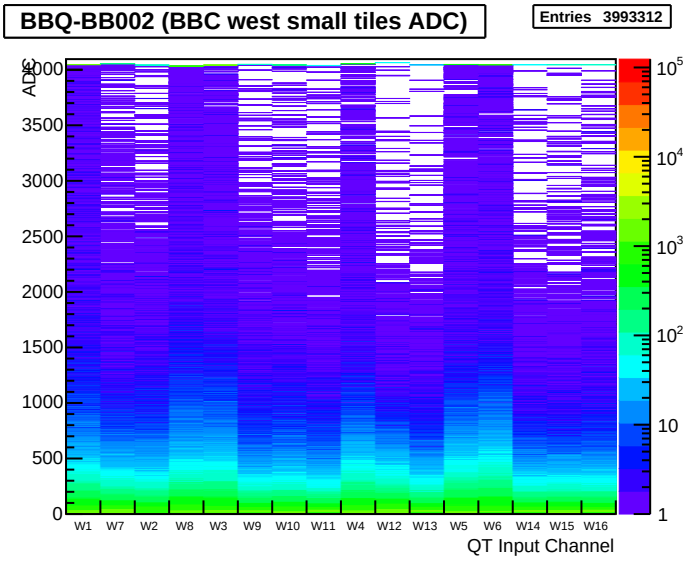

L2-TF201
Entries 0
TOF total mult(Real-Simu)

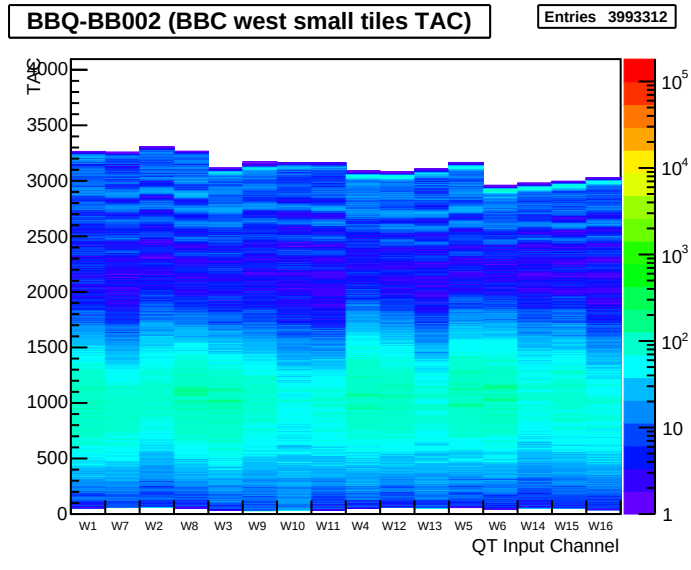

L2-TF201
Entries 1747074
Threshold/UPC bits
220224
222159
220218
221891
220971
218290
238770
29358
27423
29364
27691
28611
31292
10812
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

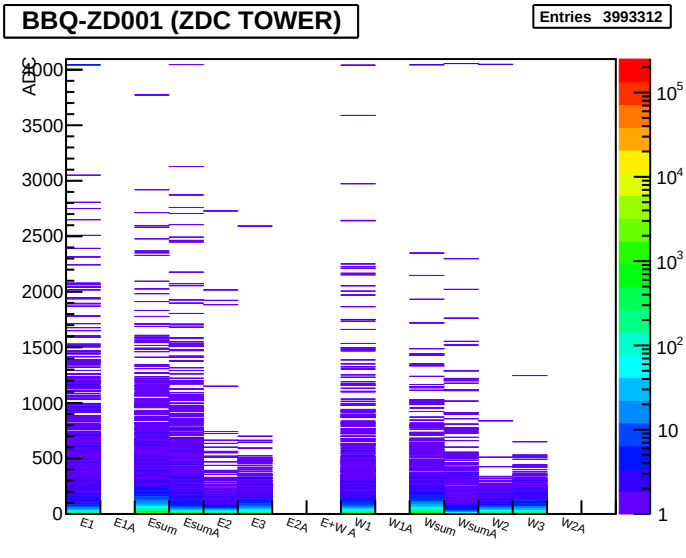

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

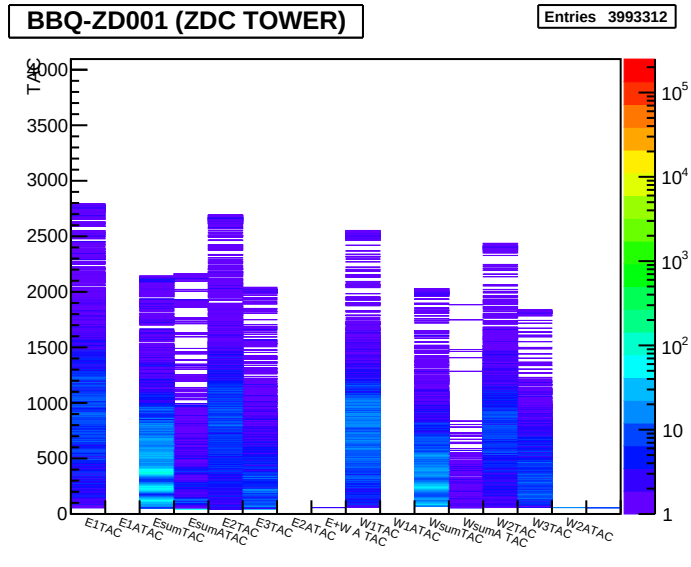

BBQ-BB001 (BBC east small tiles ADC)
Entries 3993312
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

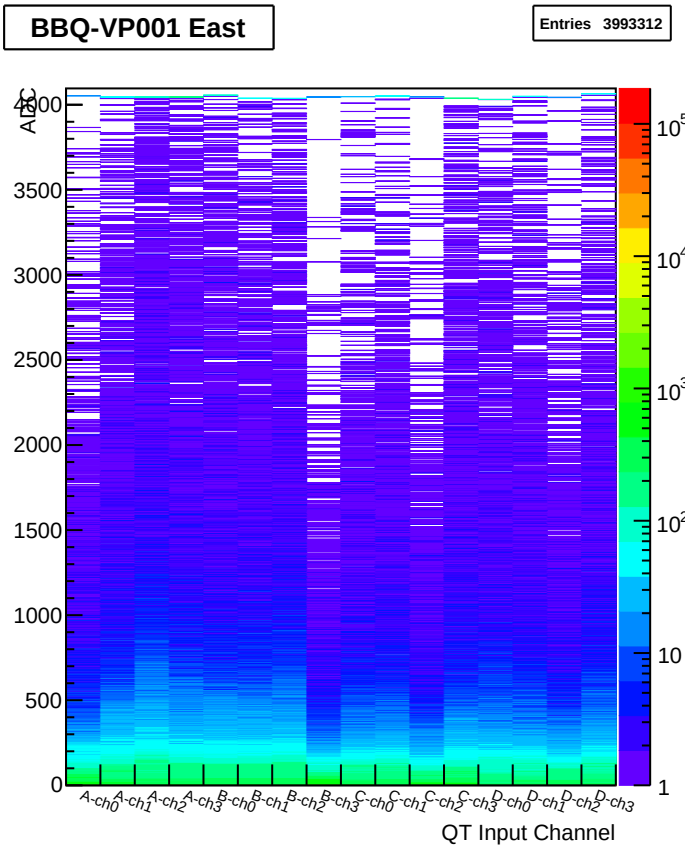

BBQ-BB001 (BBC east small tiles TAC)
Entries 3993312
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

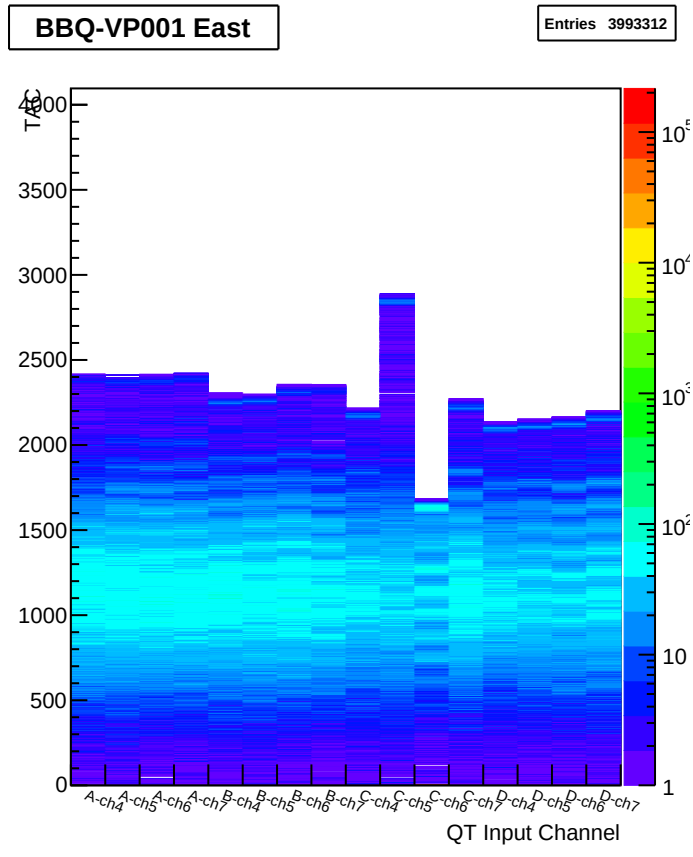

BBQ-BB002 (BBC west small tiles ADC)
Entries 3993312
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

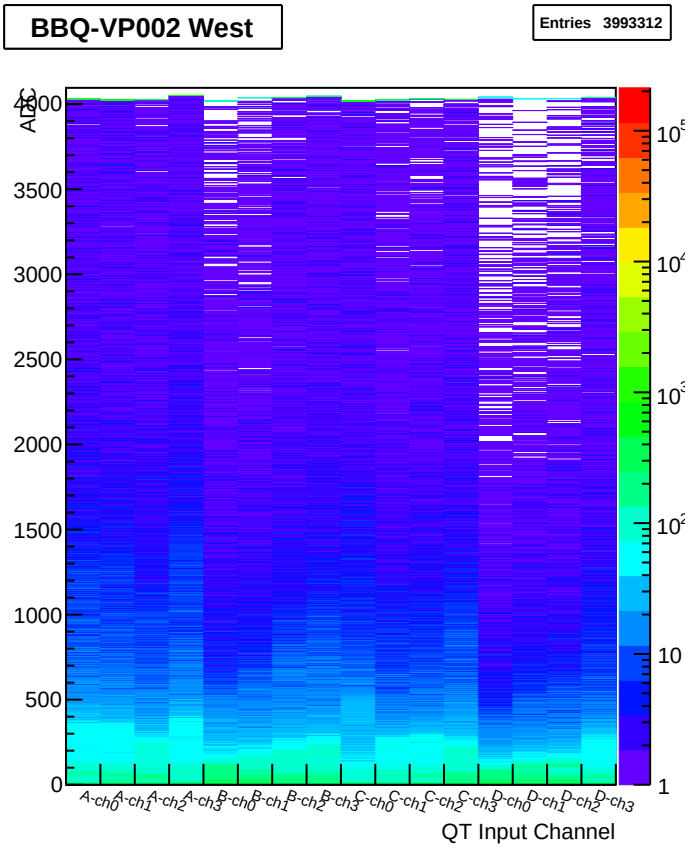

BBQ-BB002 (BBC west small tiles TAC)
Entries 3993312
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

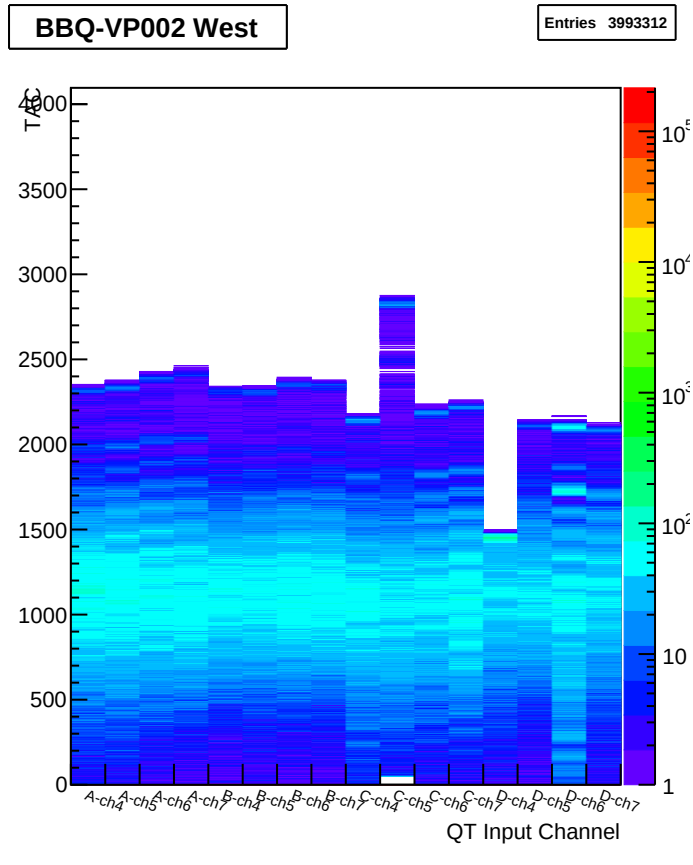

BBQ-ZD001 (ZDC TOWER)
Entries 3993312
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

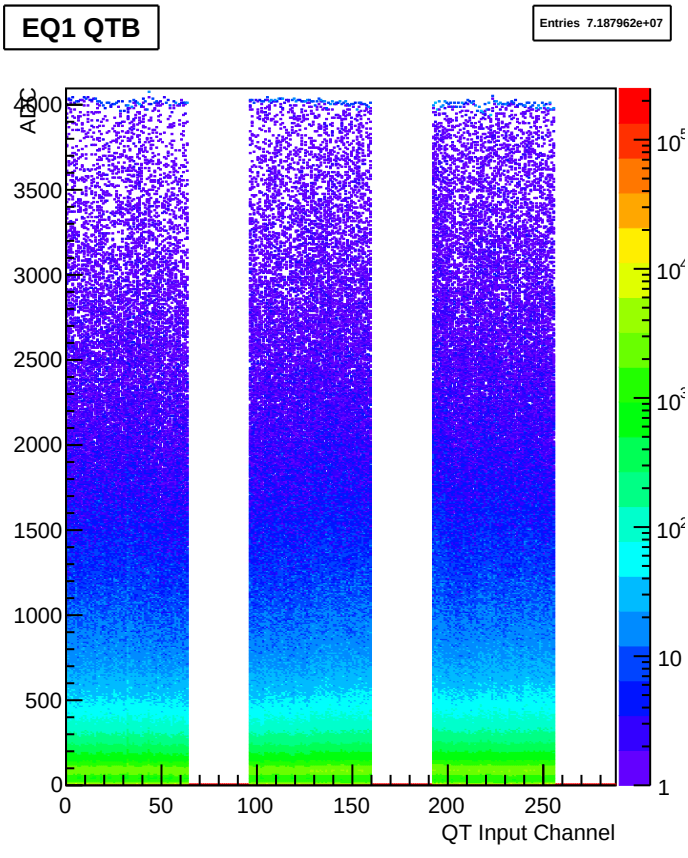

BBQ-ZD001 (ZDC TOWER)
Entries 3993312
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

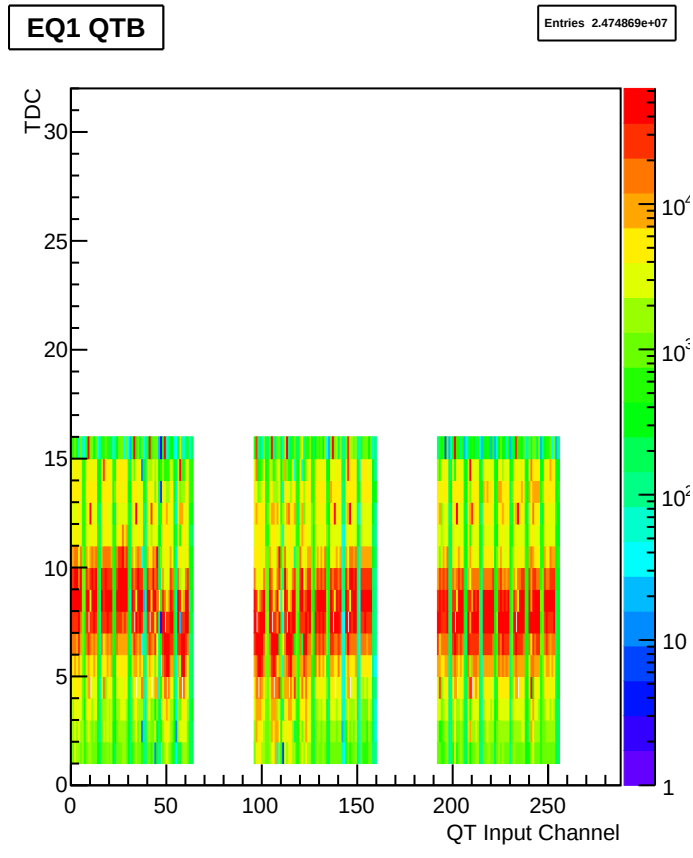

BBQ-VP001 East
Entries 3993312
ADC
QT Input Channel

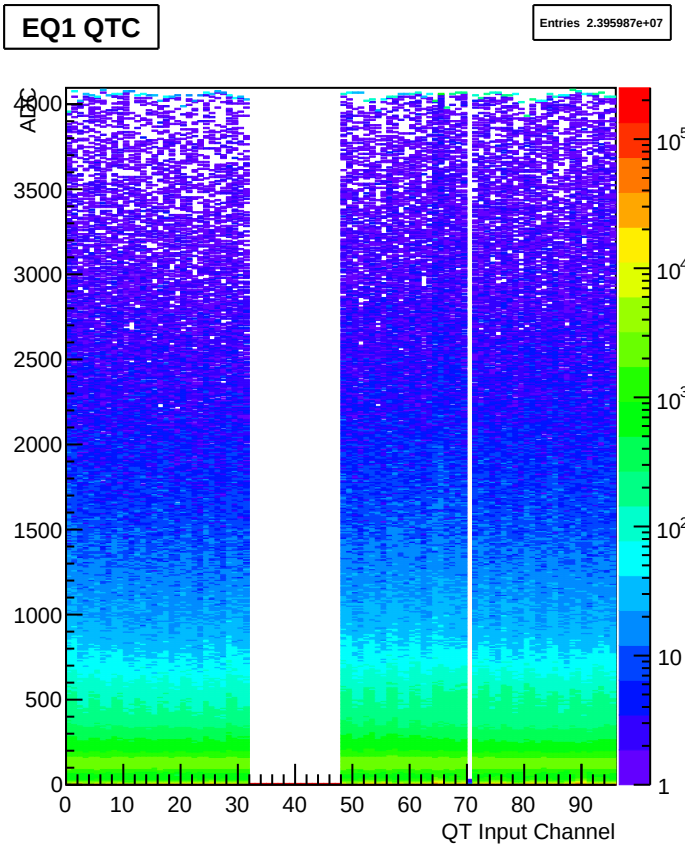

BBQ-VP001 East
Entries 3993312
TADC
QT Input Channel

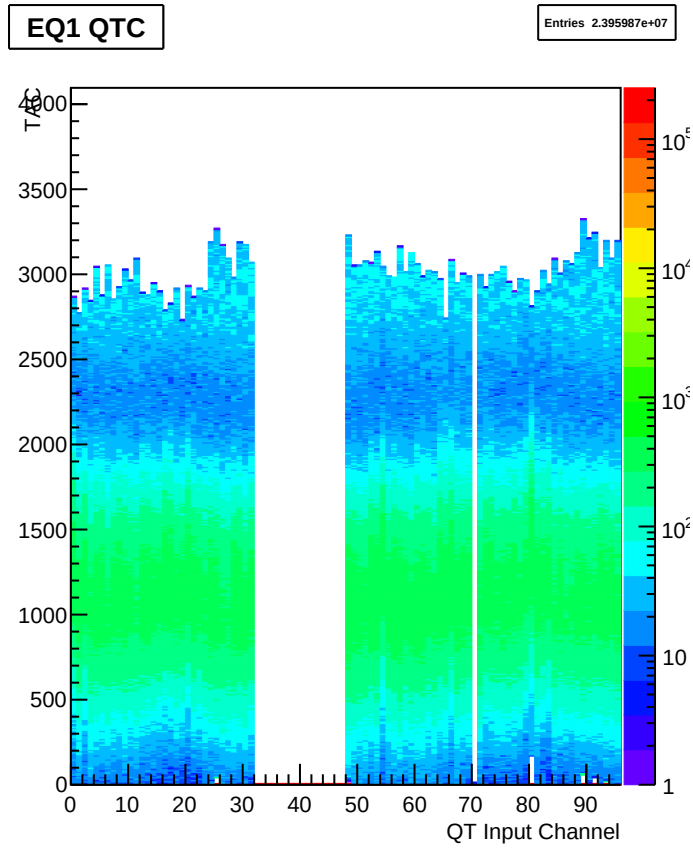

BBQ-VP002 West
Entries 3993312
ADC
QT Input Channel

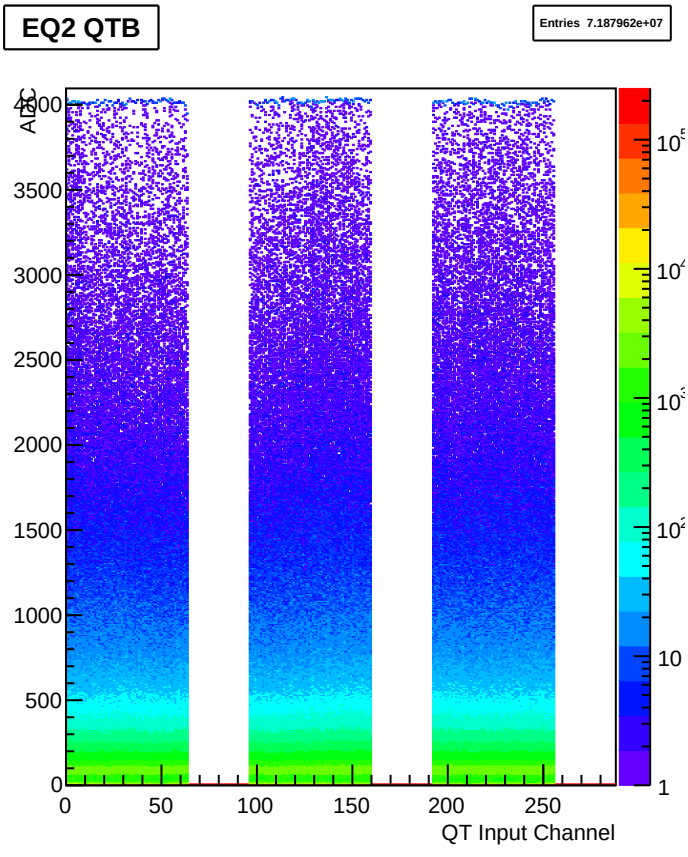

BBQ-VP002 West
Entries 3993312
TADC
QT Input Channel

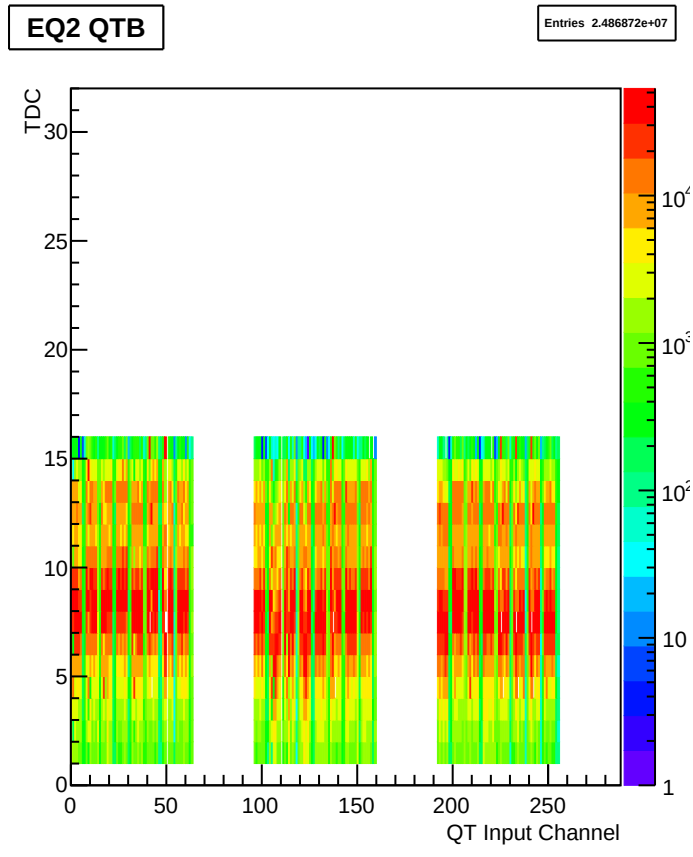

EQ1 QTB
Entries 7.187962e+07
ADC
QT Input Channel

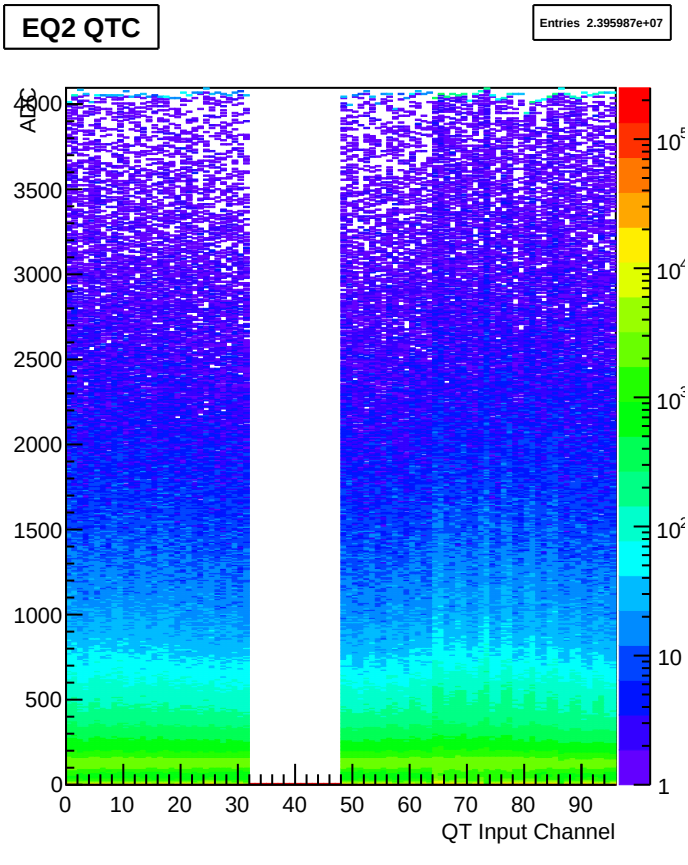

EQ1 QTB
Entries 2.474869e+07
TDC
QT Input Channel

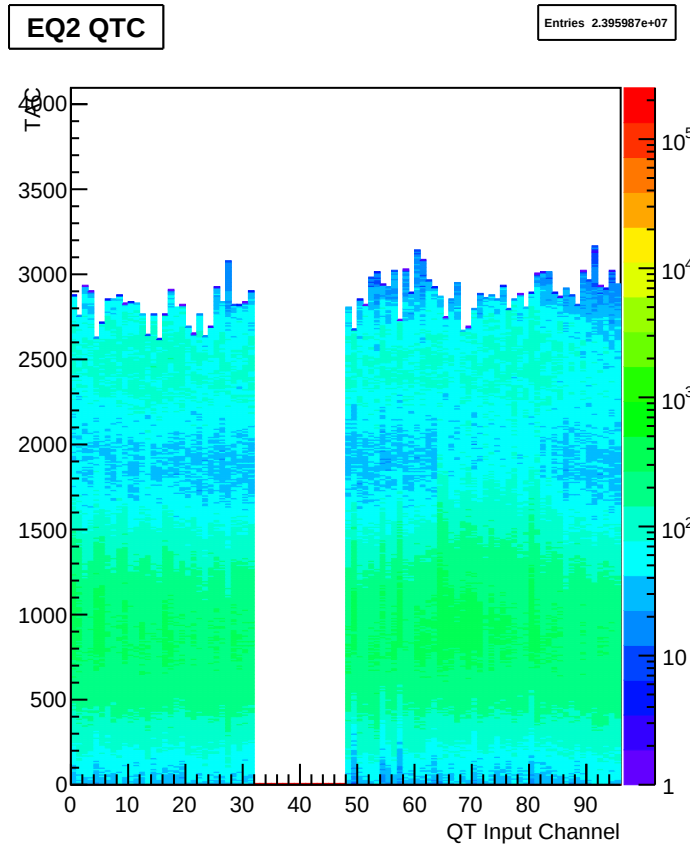

EQ1 QTC
Entries 2.395987e+07
ADC
QT Input Channel

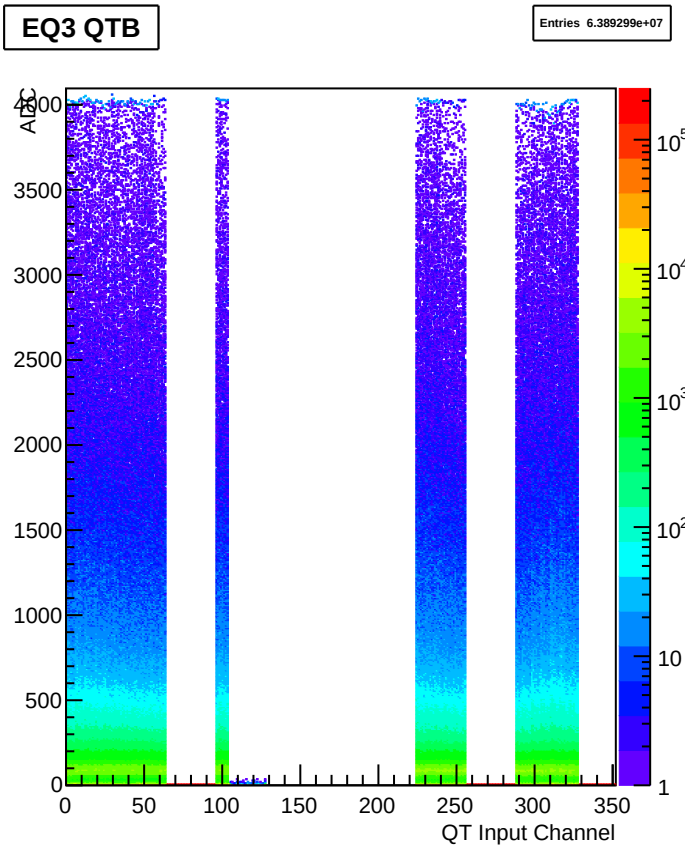

EQ1 QTC
Entries 2.395987e+07
TADC
QT Input Channel

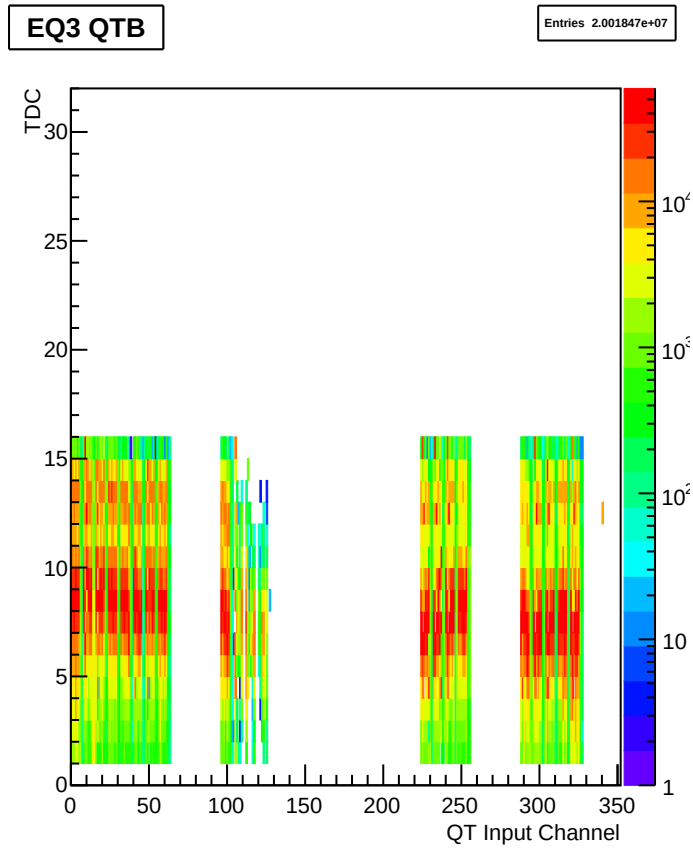

EQ2 QTB
Entries 7.187962e+07
ADC
QT Input Channel

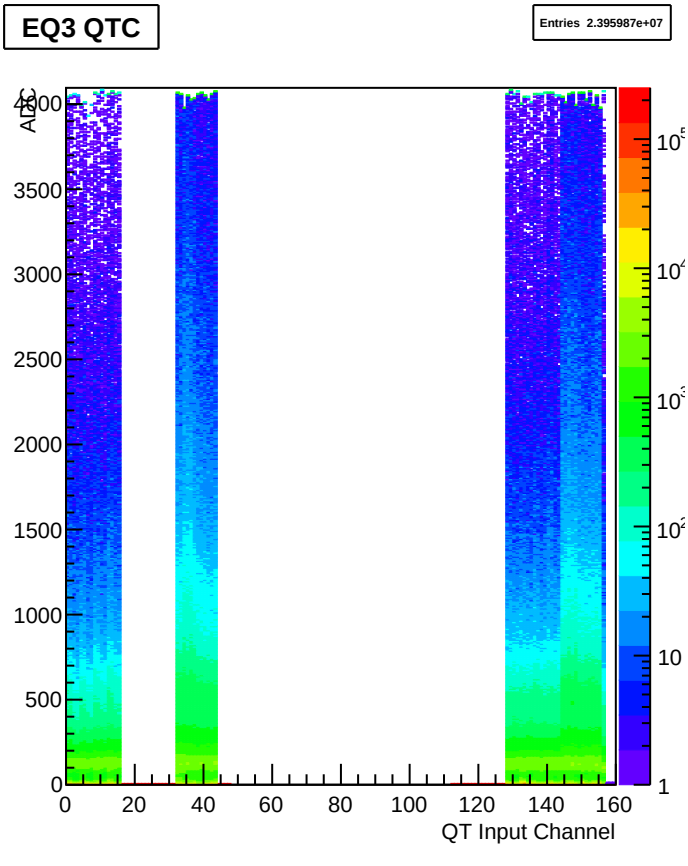

EQ2 QTB
Entries 2.486872e+07
TDC
QT Input Channel

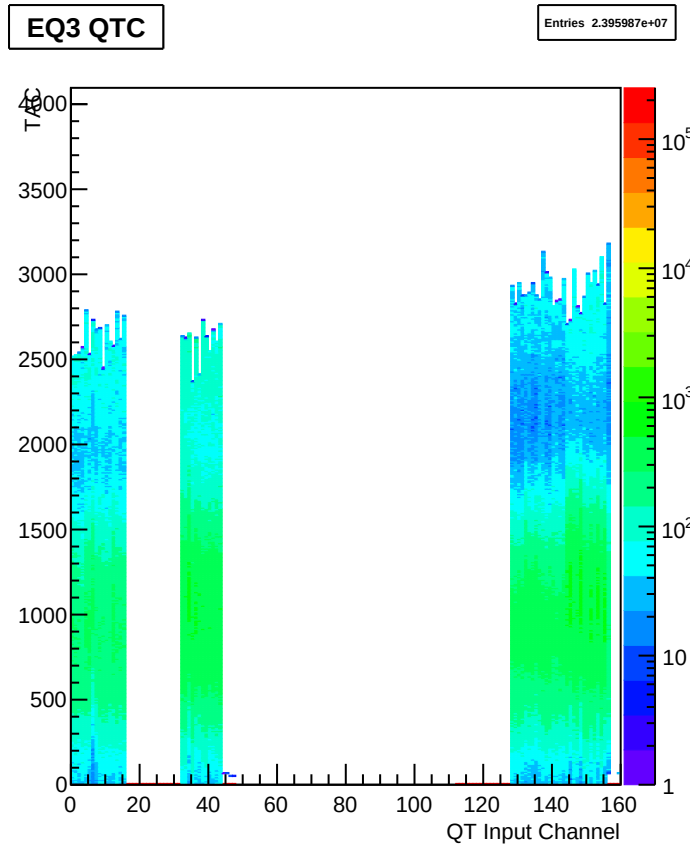

EQ2 QTC
Entries 2.395987e+07
ADC
QT Input Channel

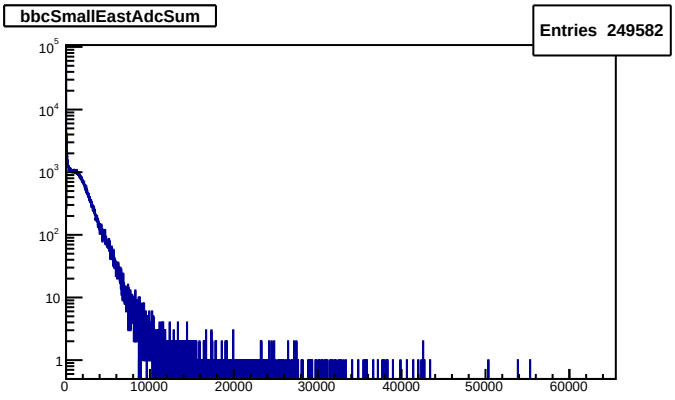

EQ2 QTC
Entries 2.395987e+07
TADC
QT Input Channel

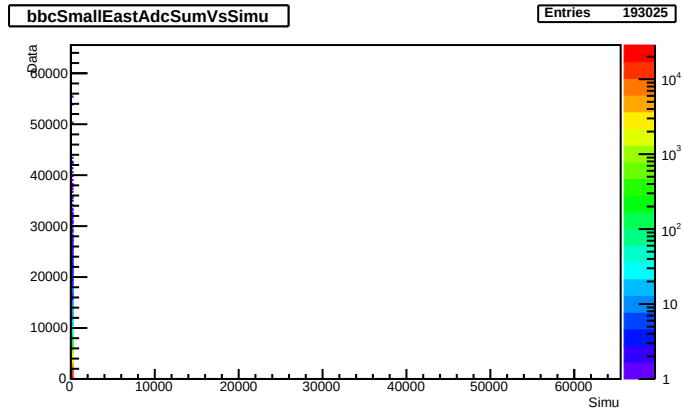

EQ3 QTB
Entries 6.389299e+07
ADC
QT Input Channel

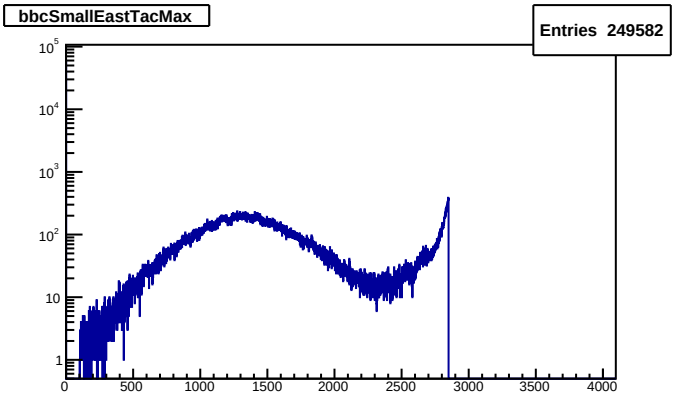

EQ3 QTB
Entries 2.001847e+07
TDC
QT Input Channel

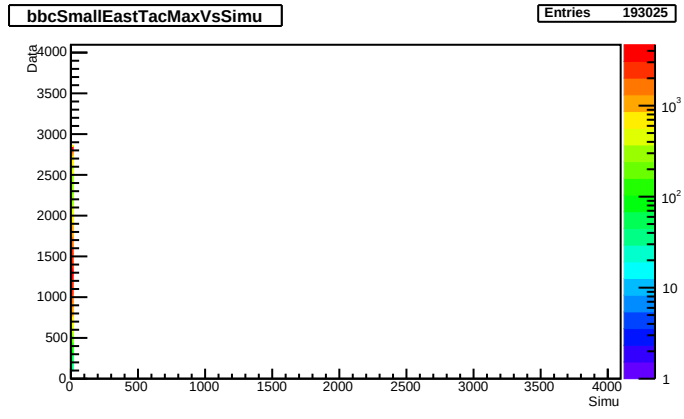

EQ3 QTC
Entries 2.395987e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.395987e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 249582


bbcSmallEastAdcSumVsSimu
Entries 193025
Data
Simu


bbcSmallEastTacMax
Entries 249582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Entries 193025
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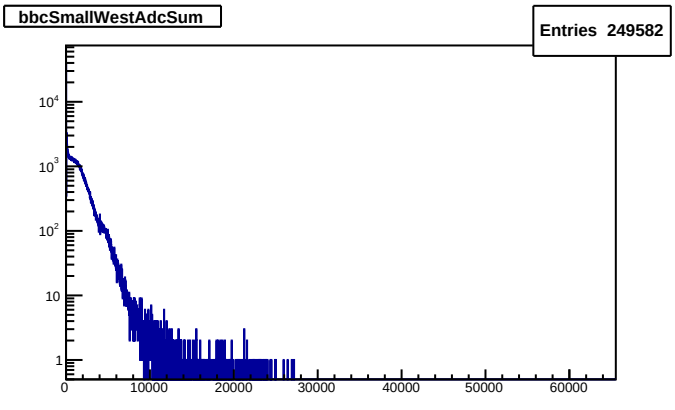
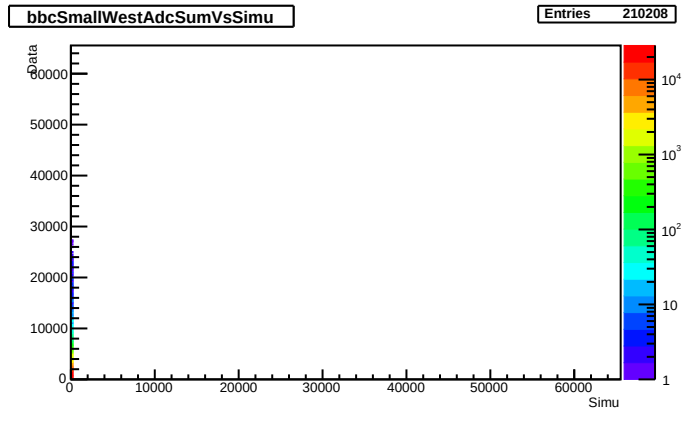
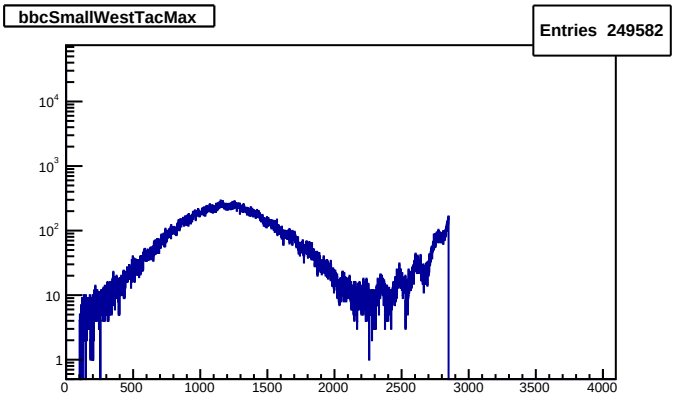
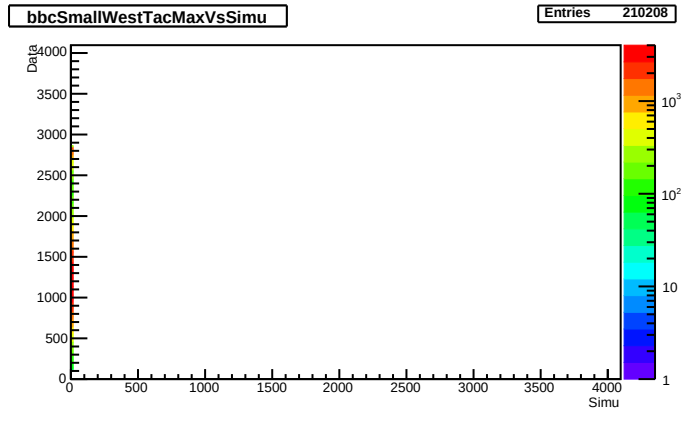
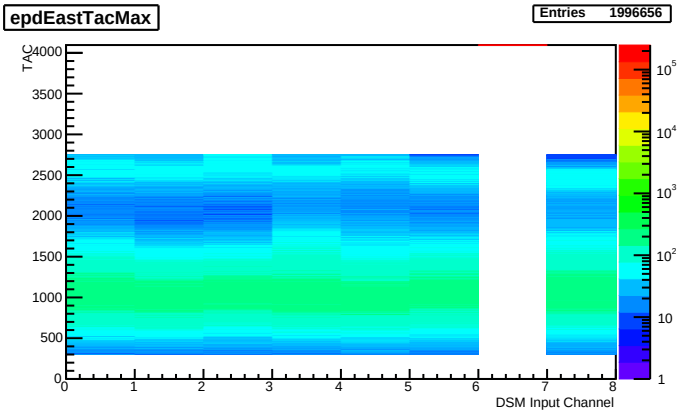
Simu

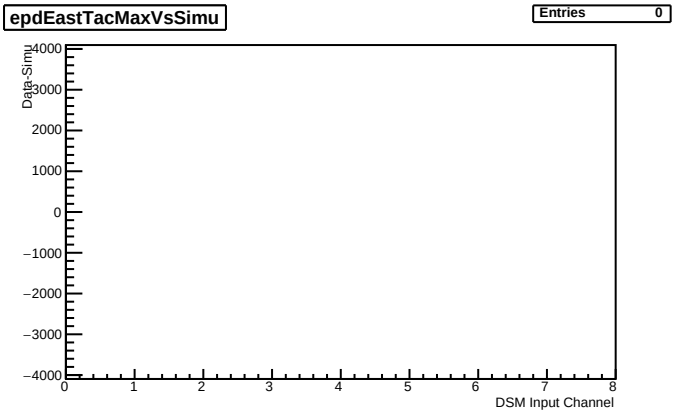

bbcSmallWestAdcSum
Entries 249582

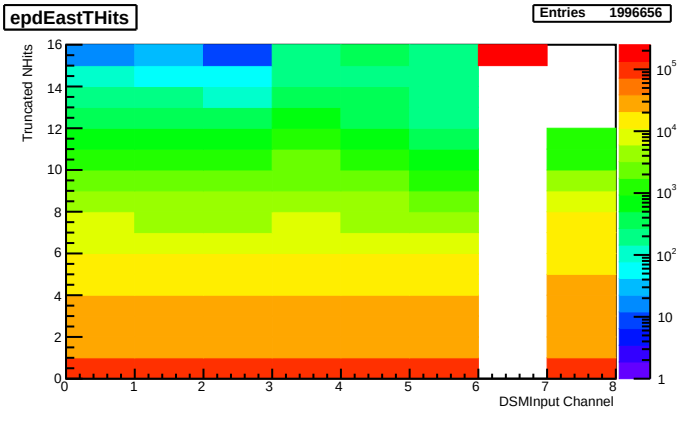

bbcSmallWestAdcSumVsSimu
Entries 210208
Data
Simu

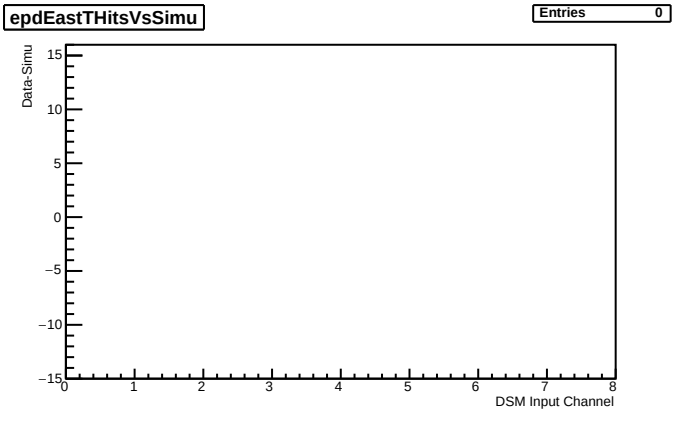

bbcSmallWestTacMax
Entries 249582

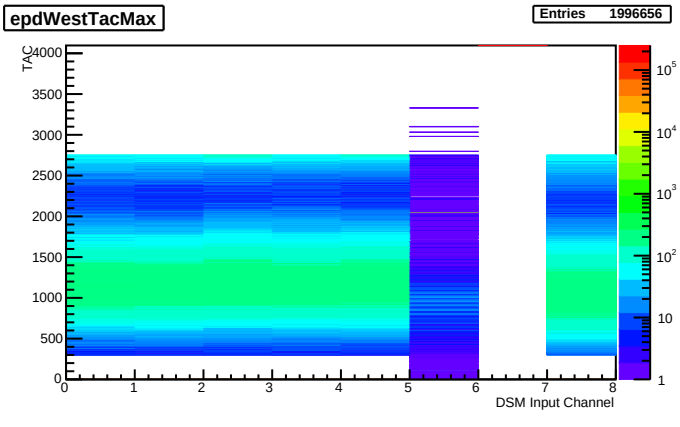

bbcSmallWestTacMaxVsSimu
Entries 210208
Data
Simu

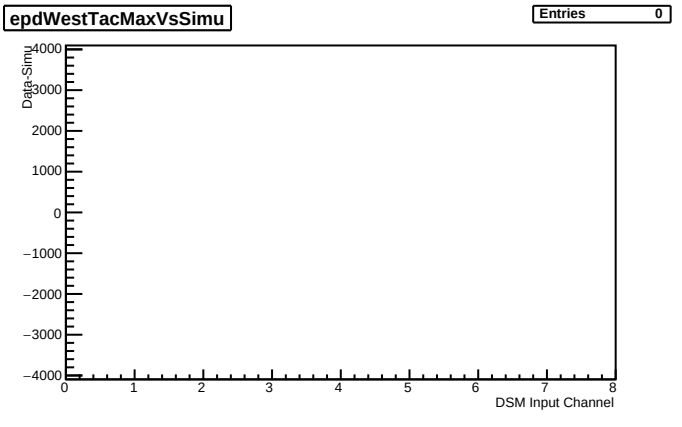

epdEastTacMax
Entries 1996656
TAC
DSM Input Channel

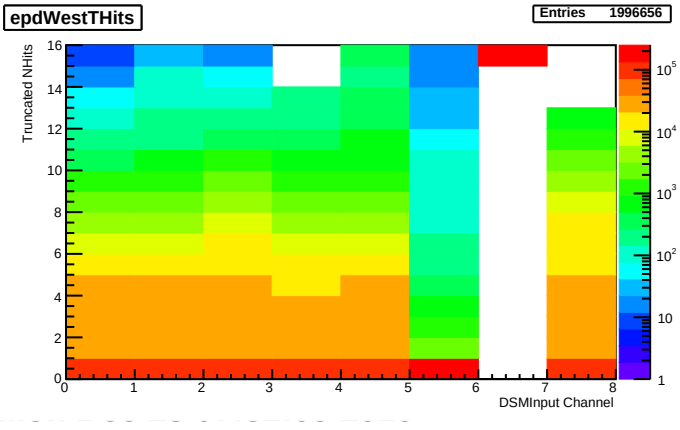

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

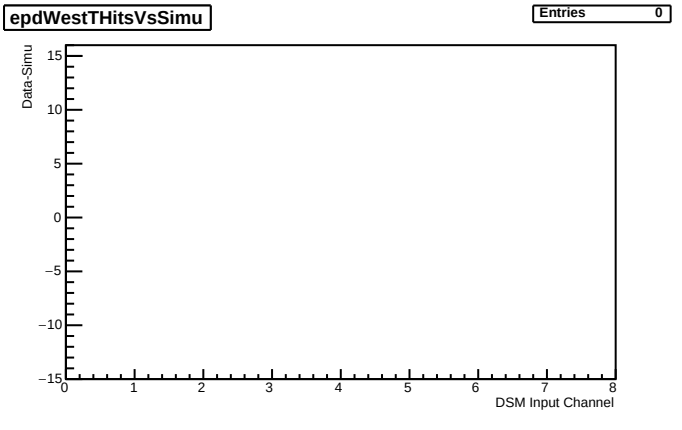

epdEastTHits
Entries 1996656
Truncated NHits
DSMInput Channel

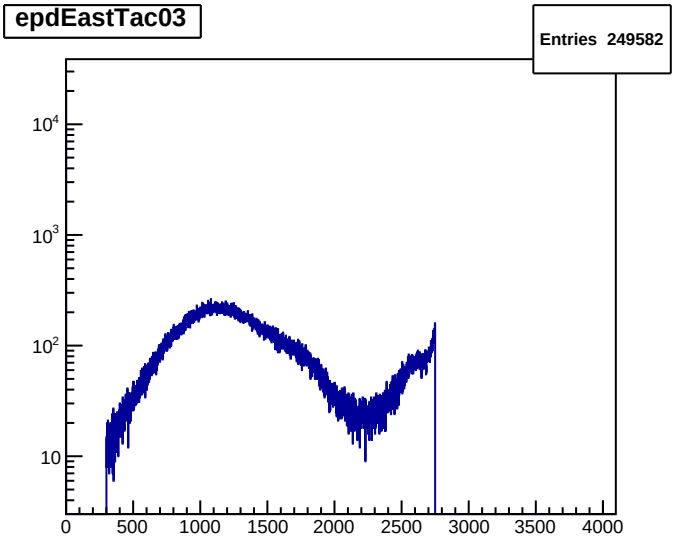

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

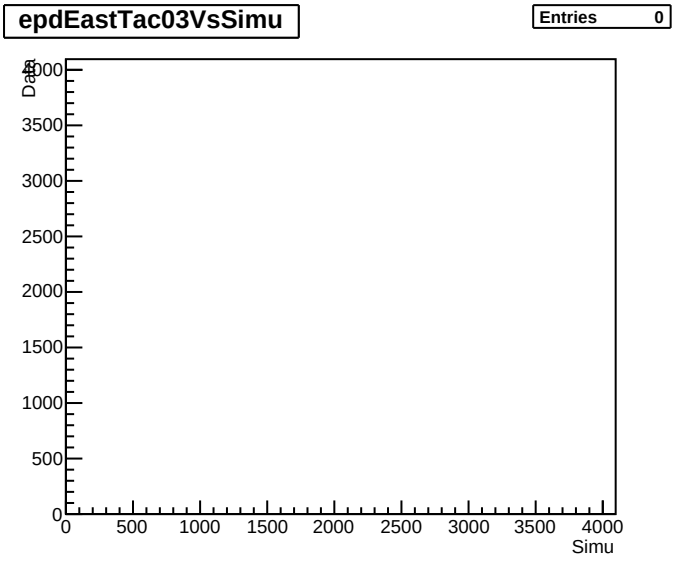

epdWestTacMax
Entries 1996656
TAC
DSM Input Channel

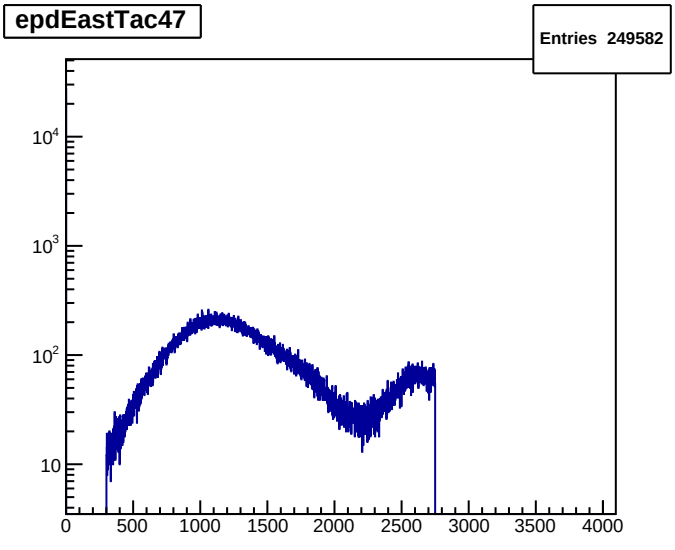

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

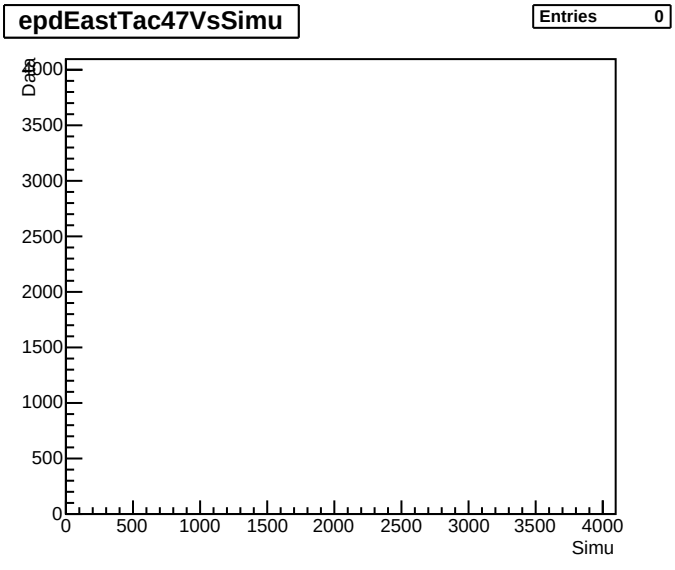

epdWestTHits
Entries 1996656
Truncated NHits
DSMInput Channel

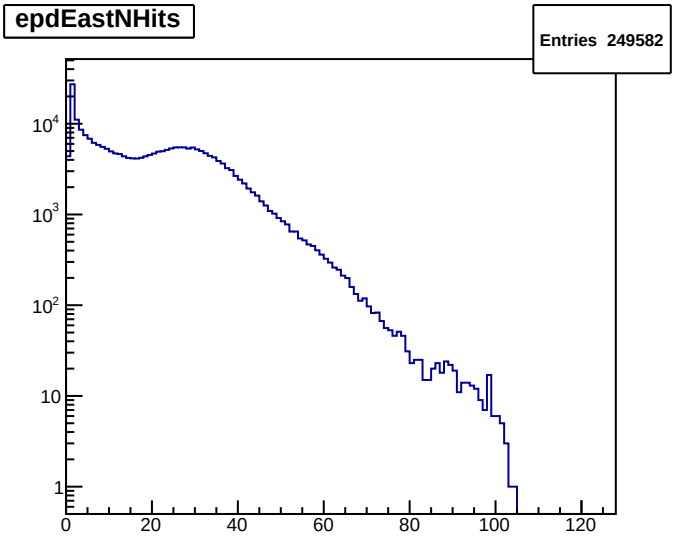

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

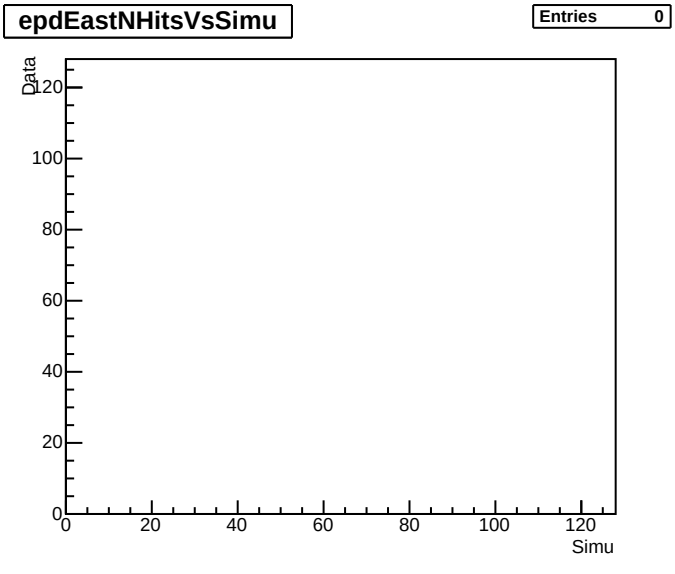

epdEastTac03
Entries 249582


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 249582


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 249582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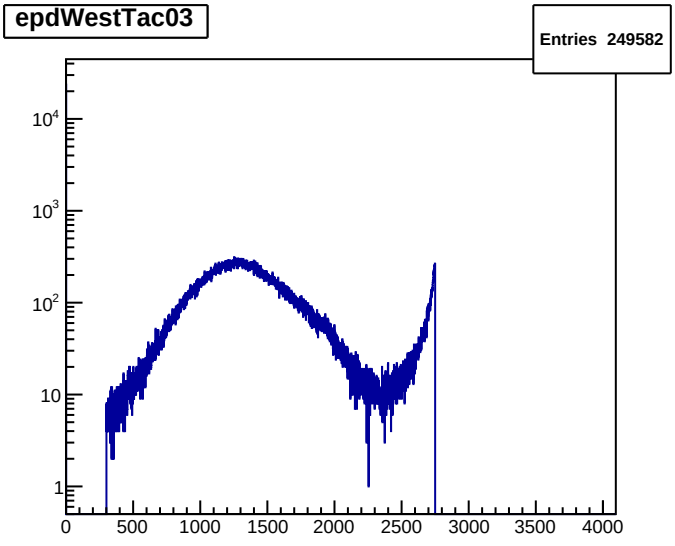
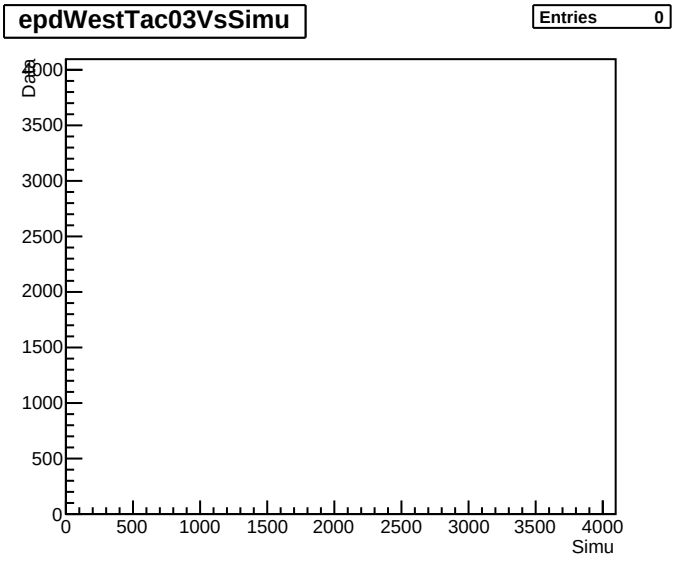
Entries 0
Data
Simu


epdWestTac03
Entries 249582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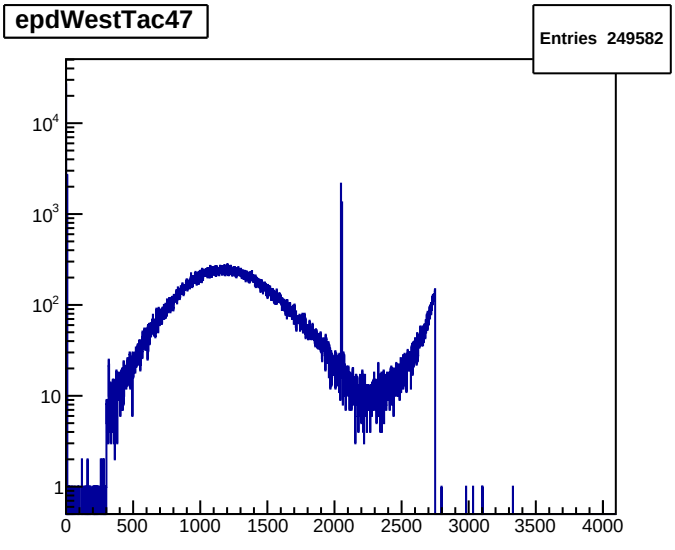
Entries 0
Data
Simu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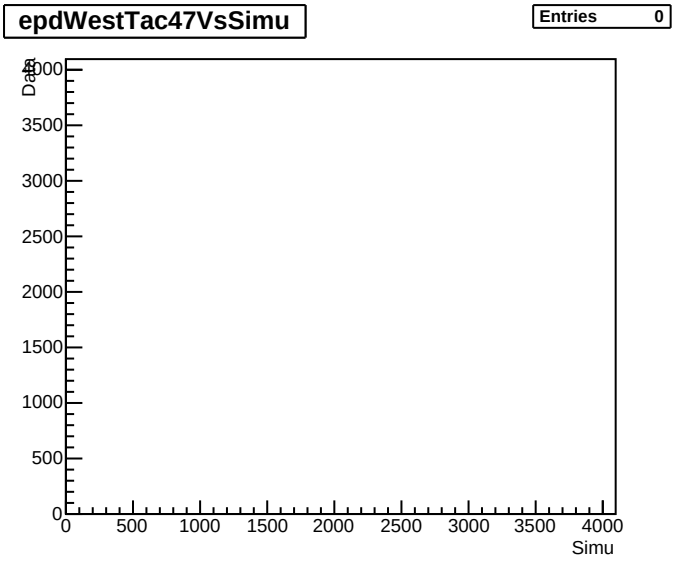
Entries 249582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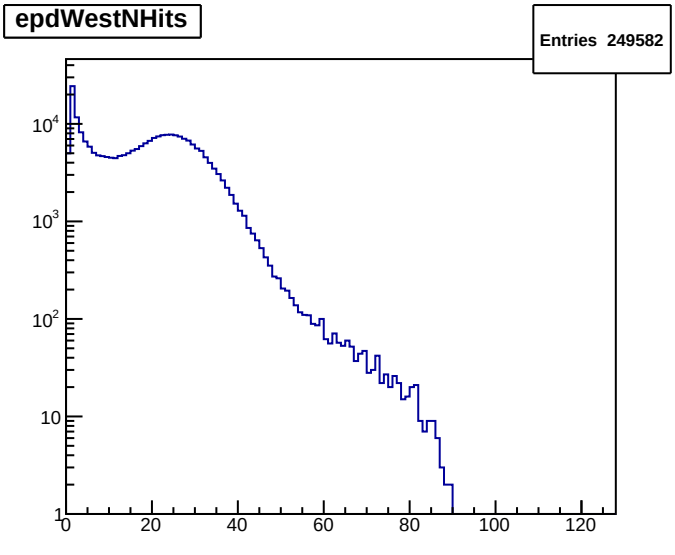
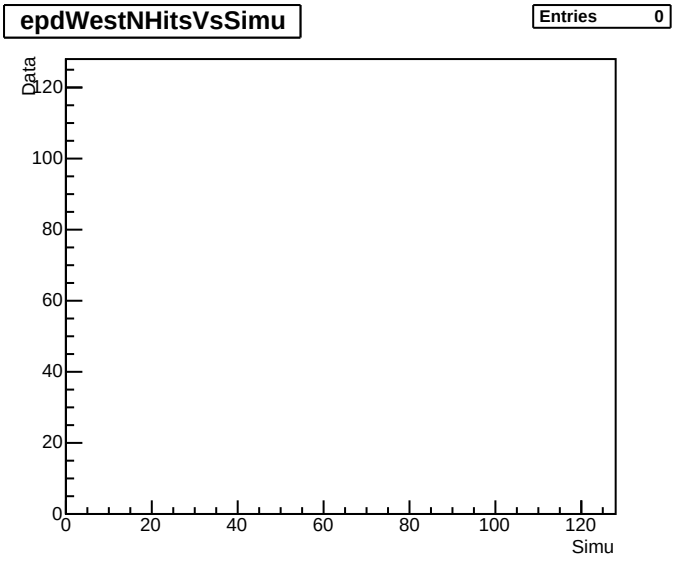
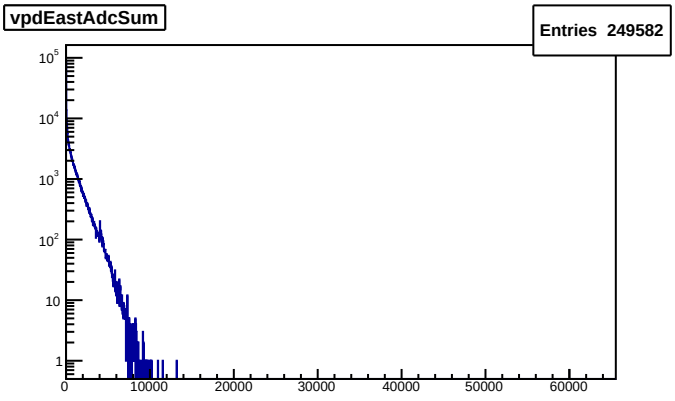
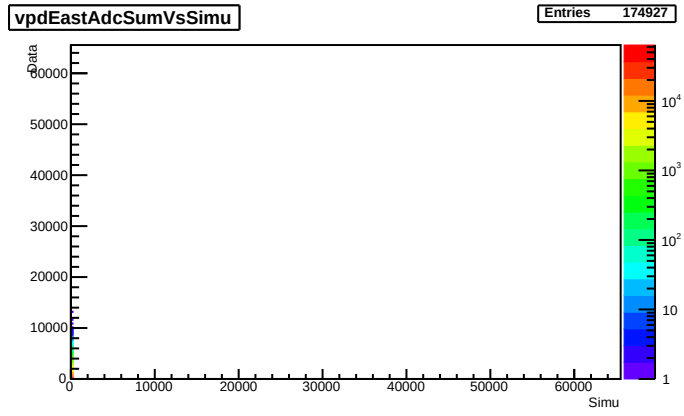
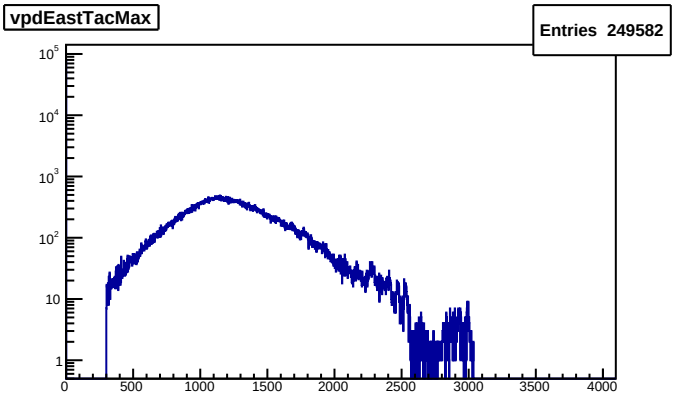
Entries 0
Data
Simu

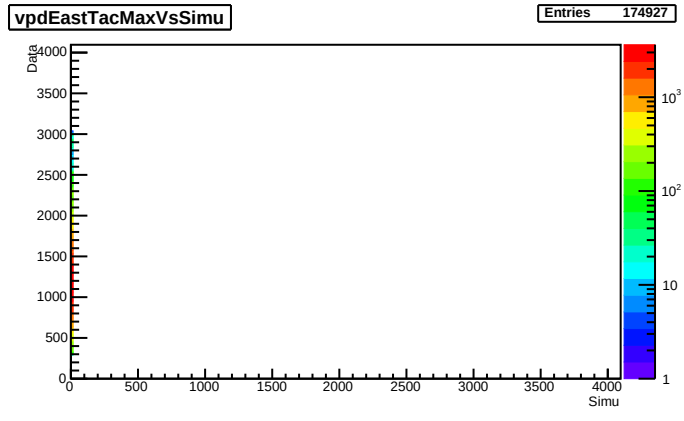

epdWestNHits
Entries 249582

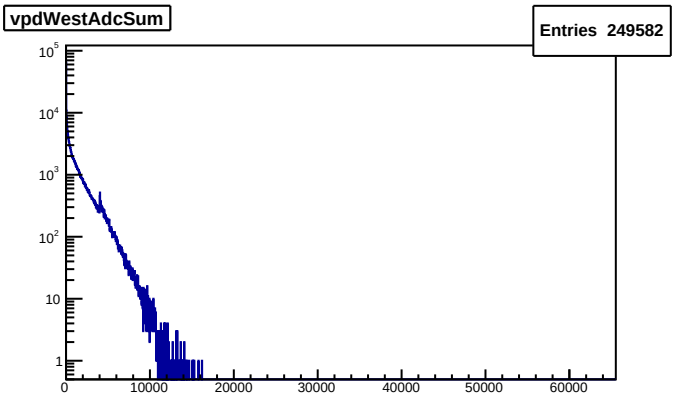

epdWestNHitsVsSimu
Entries 0
Data
Simu

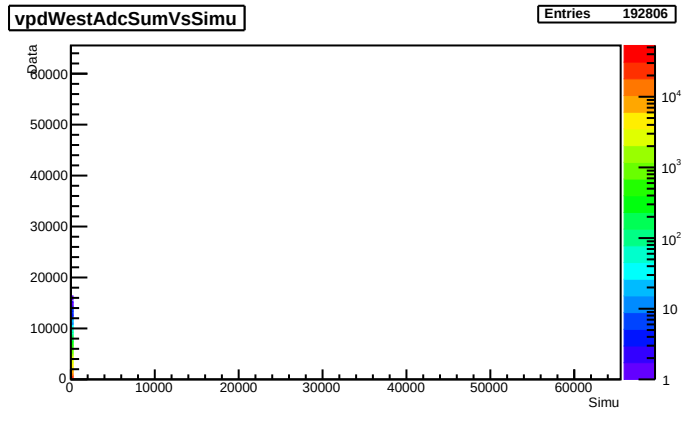

vpdEastAdcSum
Entries 249582

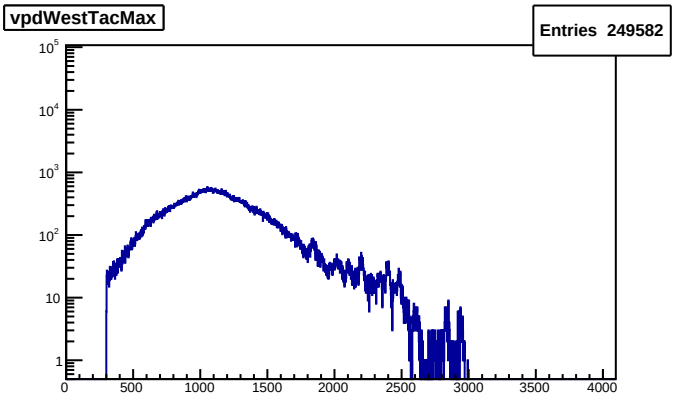

vpdEastAdcSumVsSimu
Entries 174927
Data
Simu

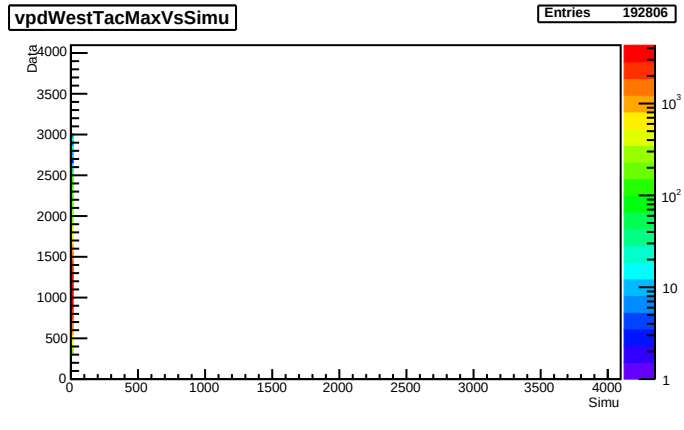

vpdEastTacMax
Entries 249582

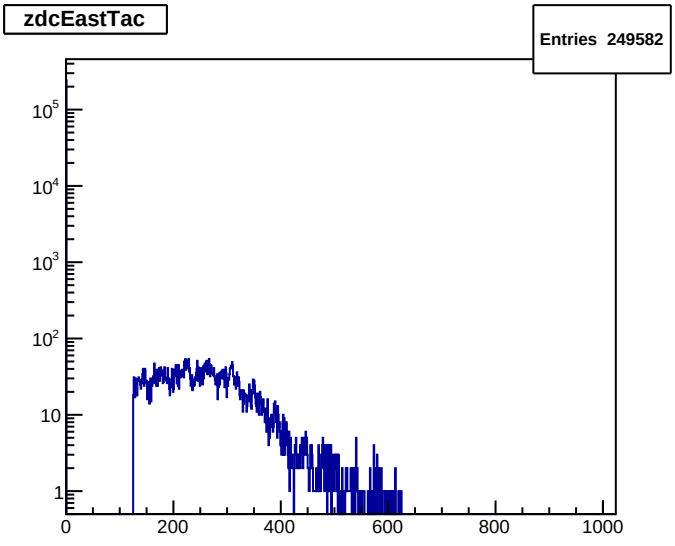

vpdEastTacMaxVsSimu
Entries 174927
Data
Simu

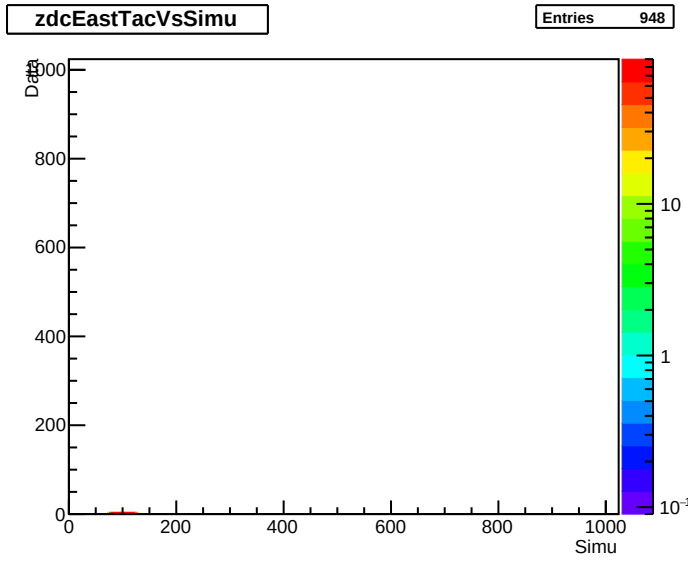

vpdWestAdcSum
Entries 249582

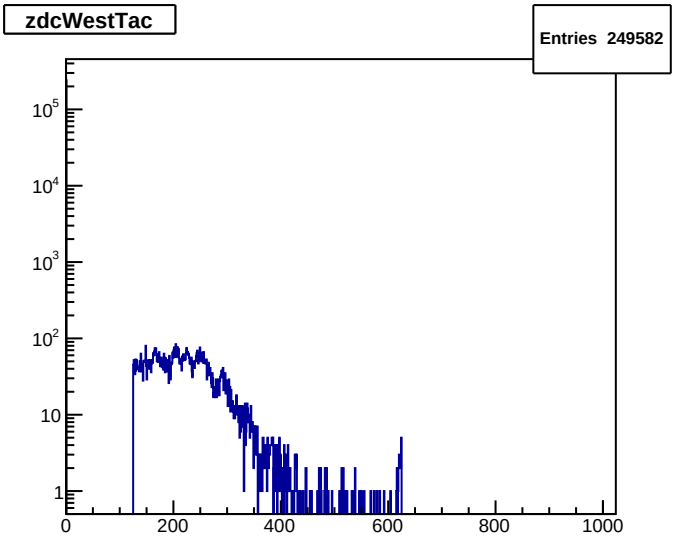

vpdWestAdcSumVsSimu
Entries 192806
Data
Simu

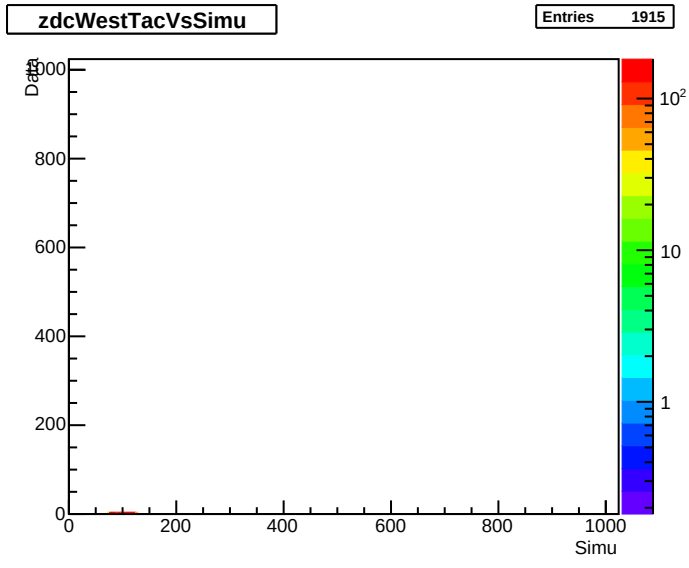

vpdWestTacMax
Entries 249582

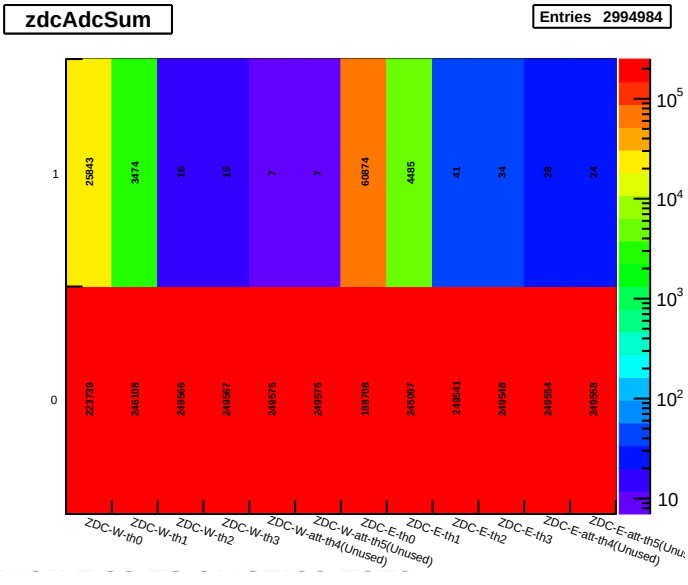

vpdWestTacMaxVsSimu
Entries 192806
Data
Simu

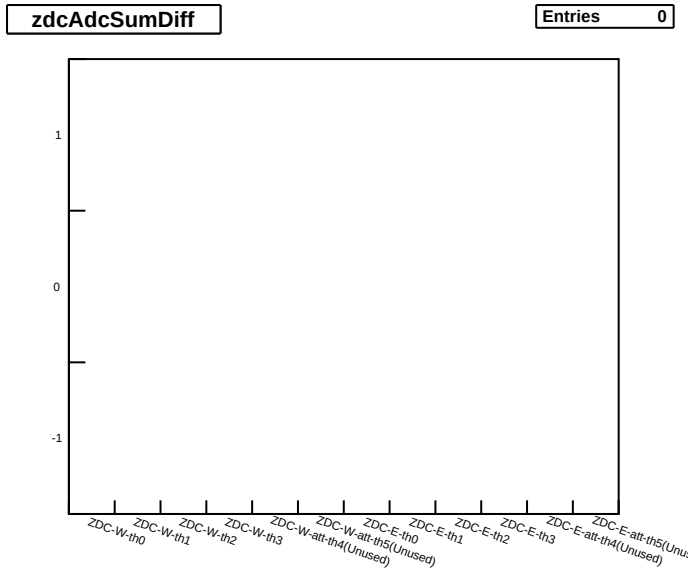

zdcEastTac
Entries 249582

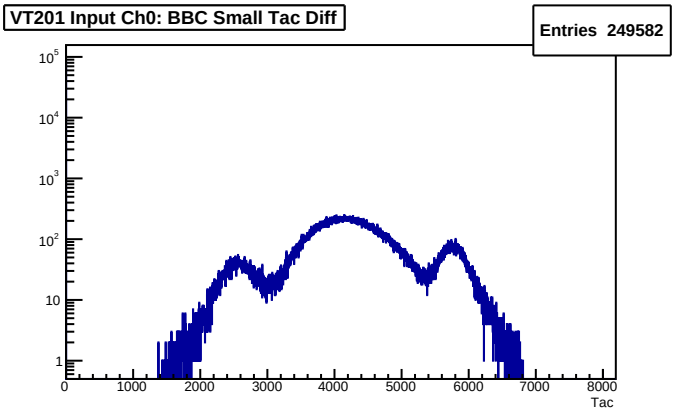

zdcEastTacVsSimu
Entries 948
Data
Simu

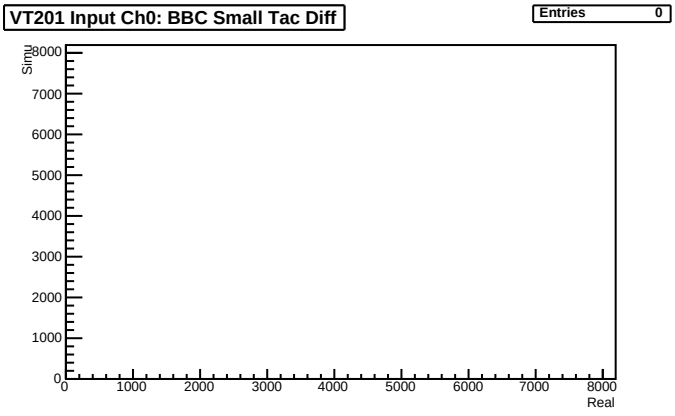

zdcWestTac
Entries 249582

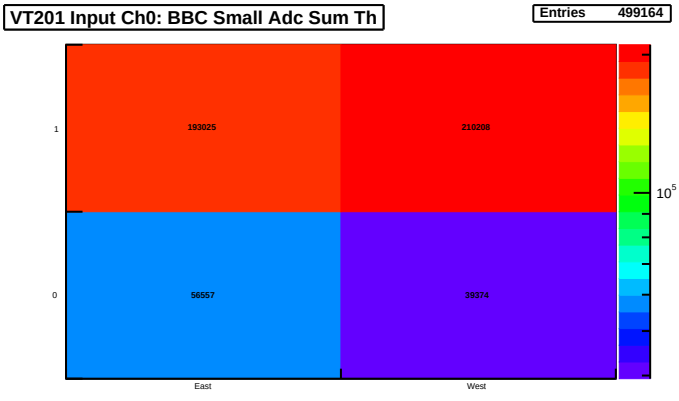

zdcWestTacVsSimu
Entries 1915
Data
Simu

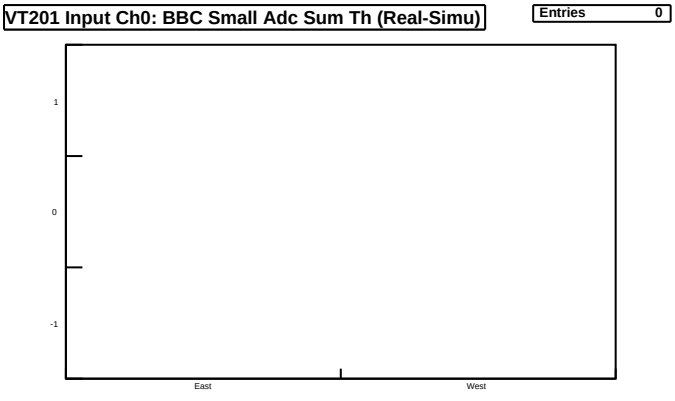

zdcAdcSum
Entries 2994984
25843
3474
16
15
7
7
60874
4485
41
34
28
24
223739
246108
249566
249567
249575
249575
188708
245097
249541
249548
249554
249558
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

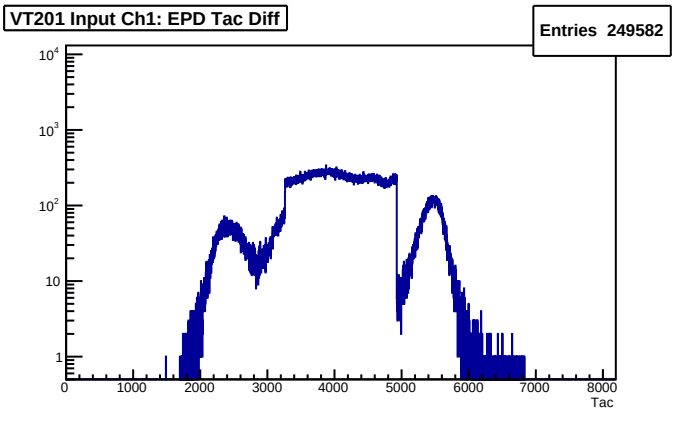

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

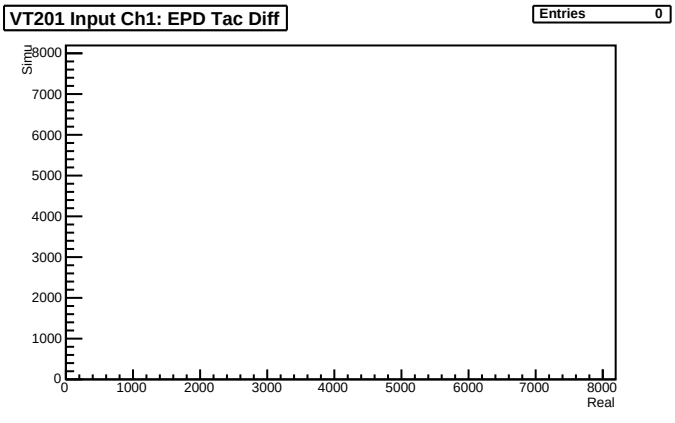

VT201 Input Ch0: BBC Small Tac Diff
Entries 249582
Tac

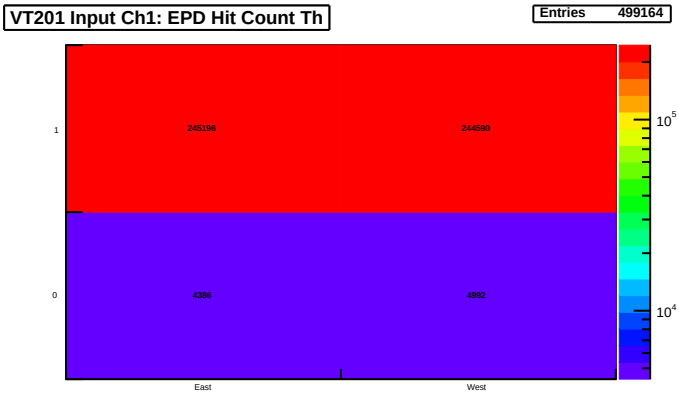

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

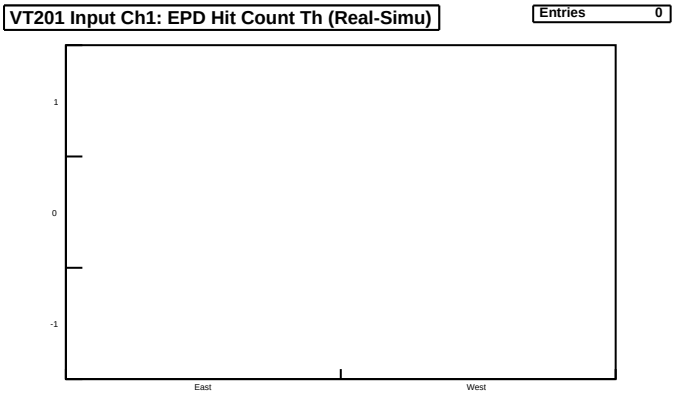

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 499164
193025
210208
56557
39374
East
West

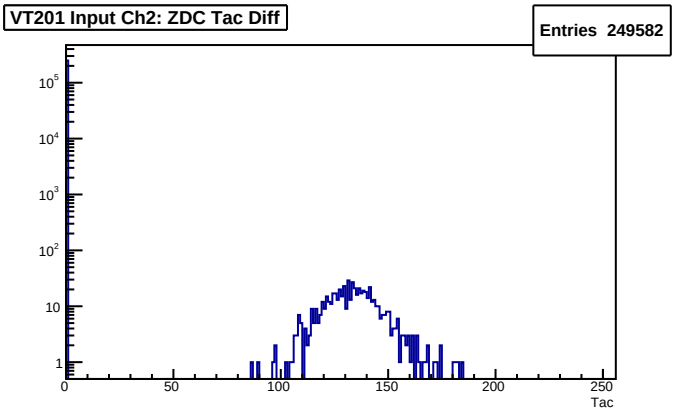

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

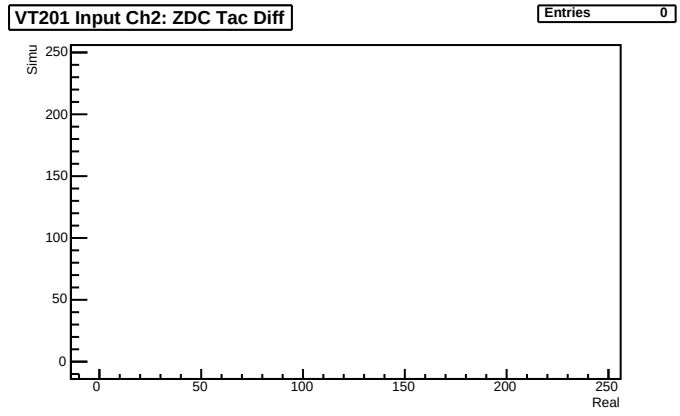

VT201 Input Ch1: EPD Tac Diff
Entries 249582
Tac

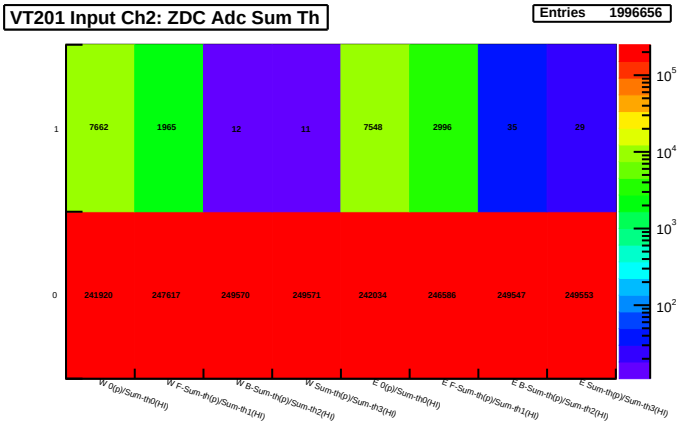

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

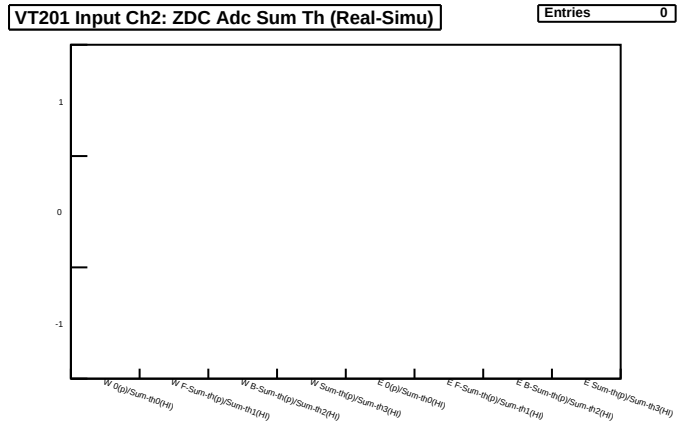

VT201 Input Ch1: EPD Hit Count Th
Entries 499164
245196
244590
4386
4992
East
West

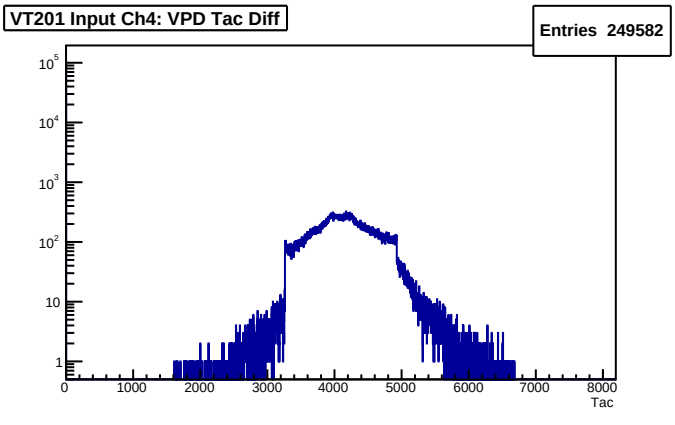

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

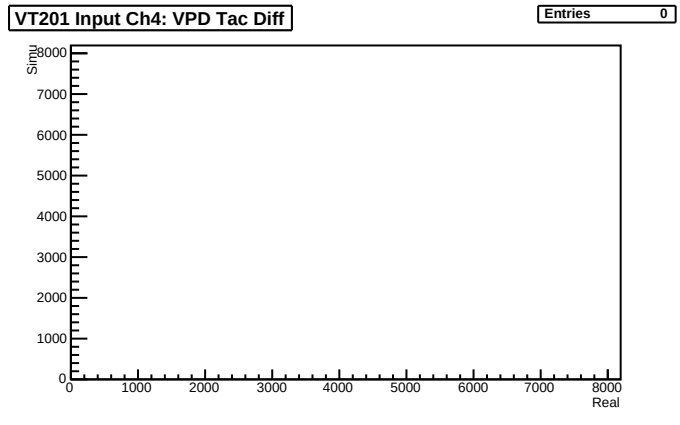

VT201 Input Ch2: ZDC Tac Diff
Entries 249582
Tac

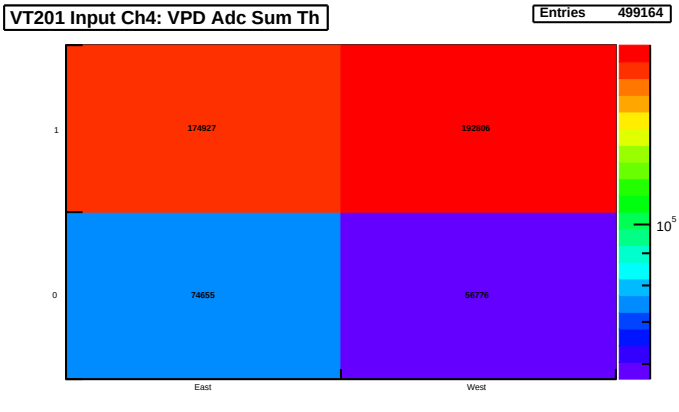

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

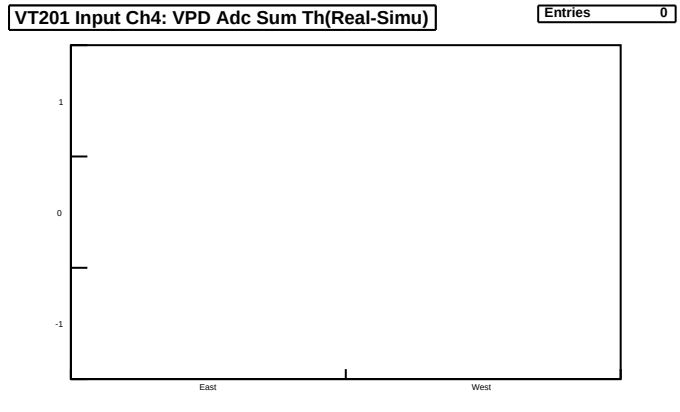

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1996656
7662
1965
12
11
7548
2996
35
29
241920
247617
249570
249571
242034
246586
249547
249553
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

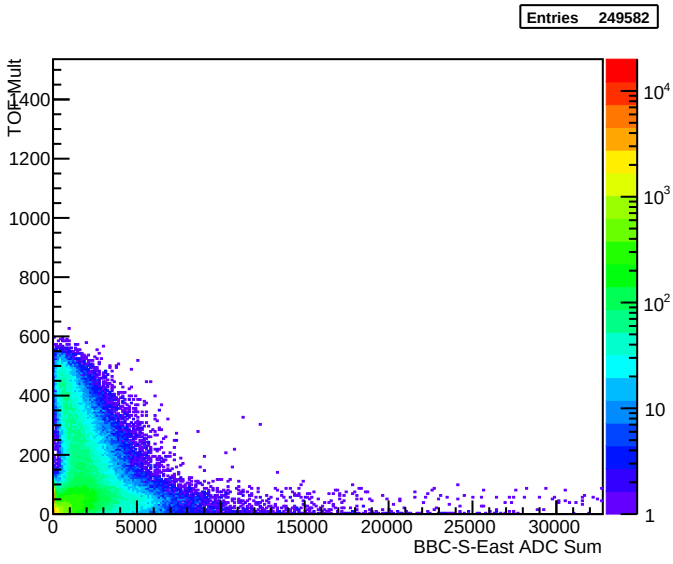

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

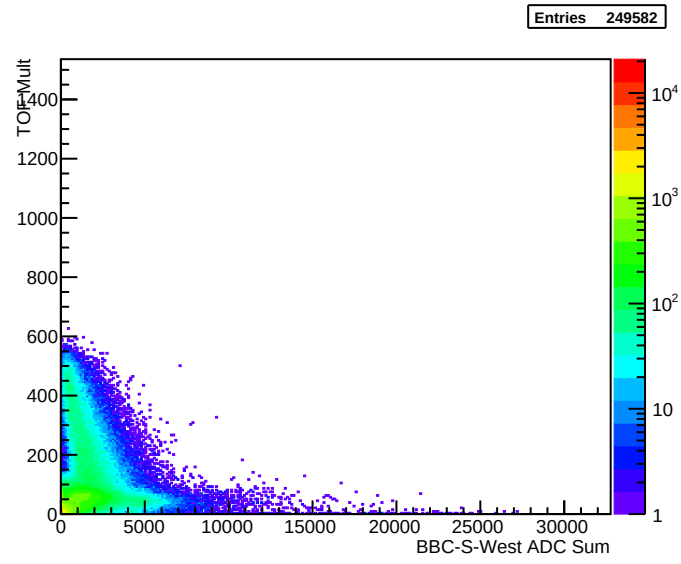

VT201 Input Ch4: VPD Tac Diff
Entries 249582
Tac

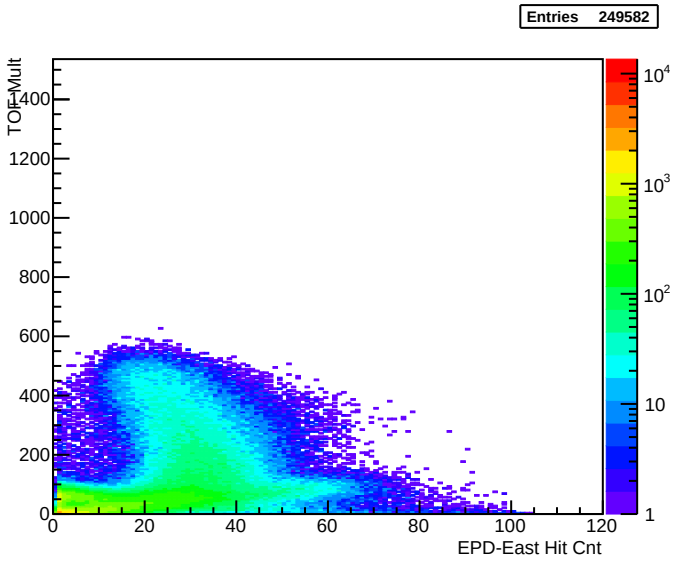

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

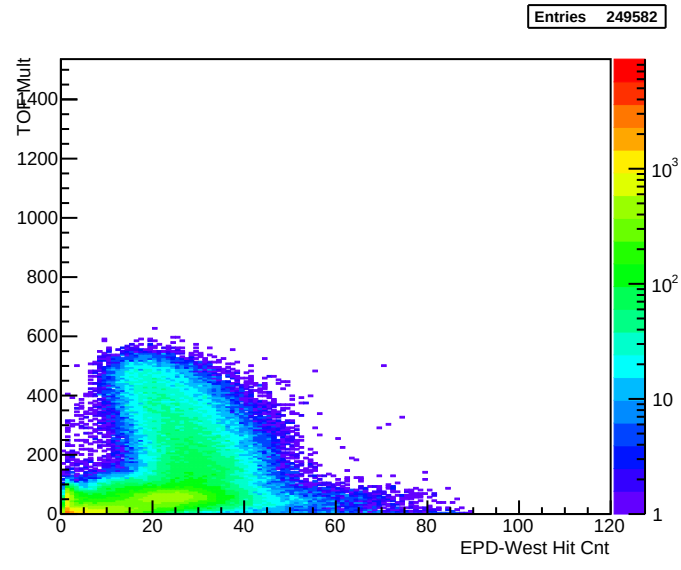

VT201 Input Ch4: VPD Adc Sum Th
Entries 499164
174927
192806
74655
56776
East
West

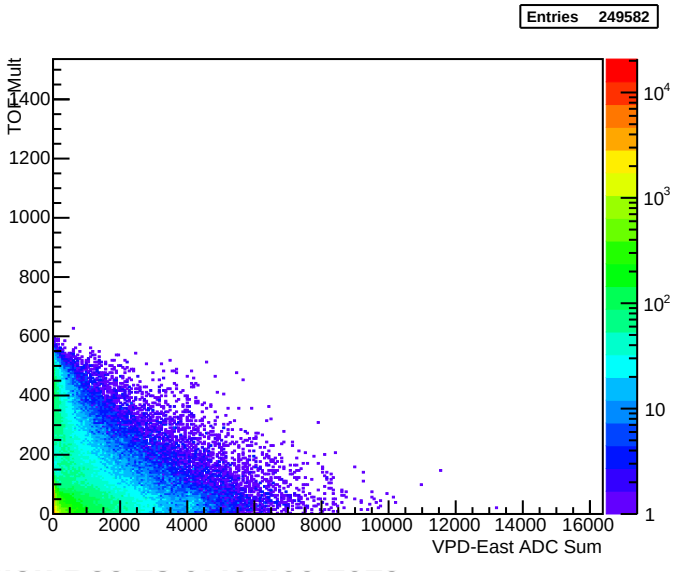

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

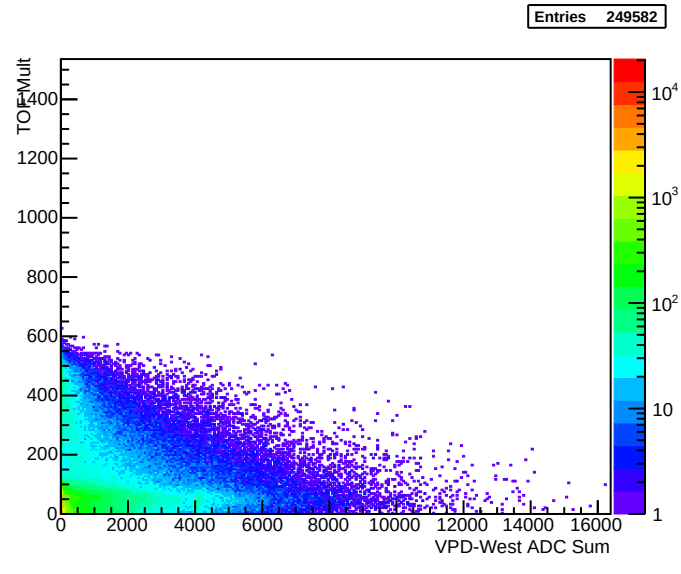

Entries 249582
TOF-Mult
BBC-S-East ADC Sum

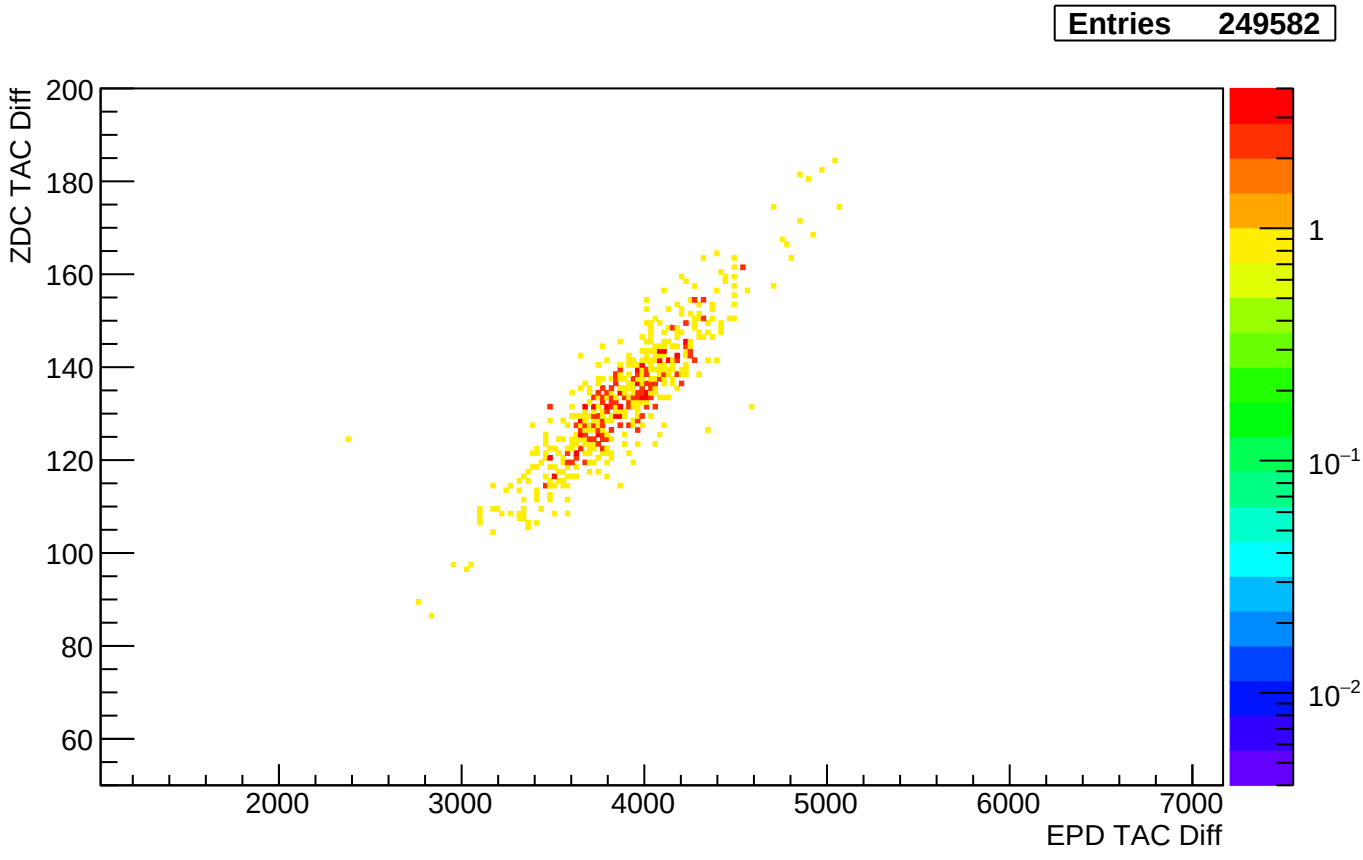

Entries 249582
TOF-Mult
BBC-S-West ADC Sum

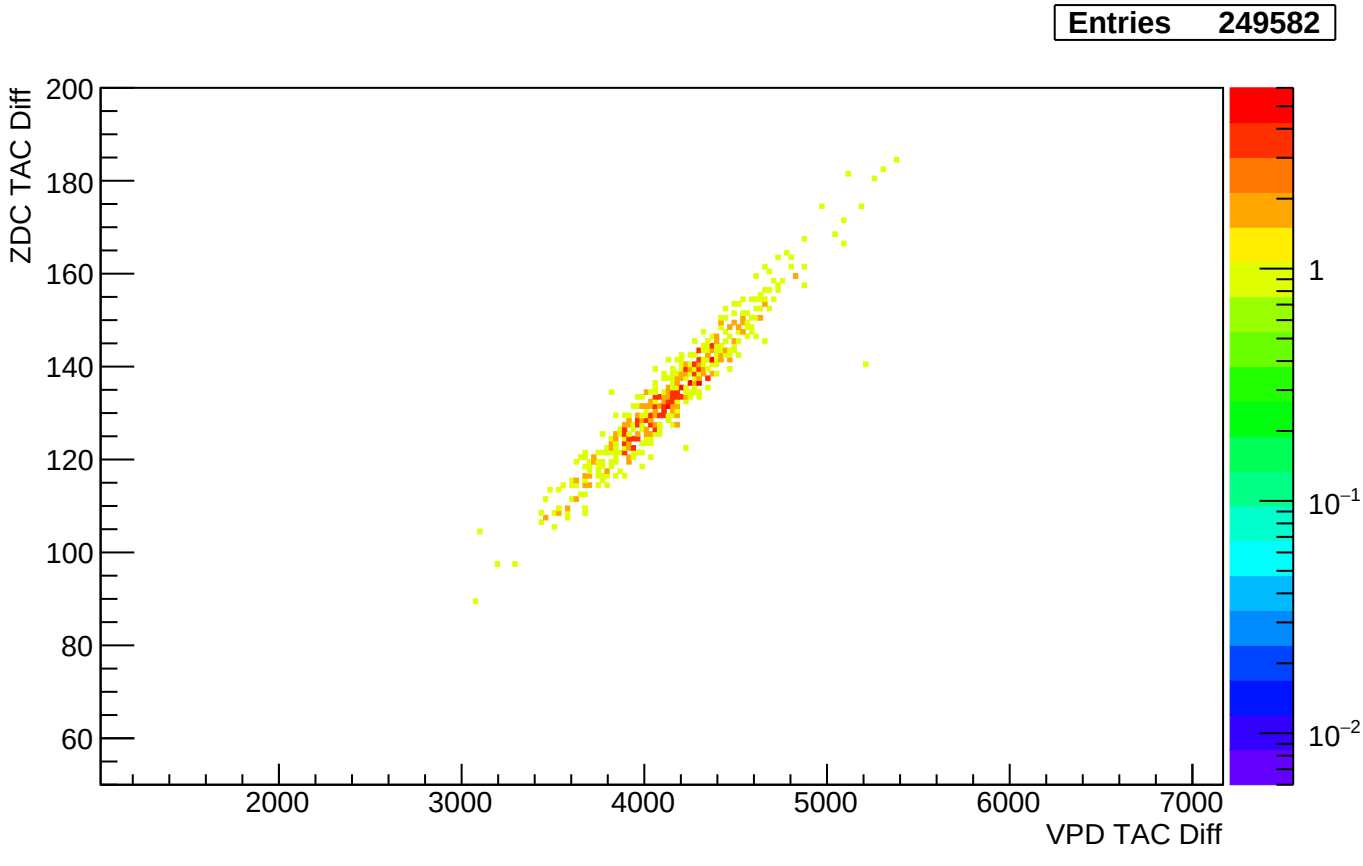

Entries 249582
TOF-Mult
EPD-East Hit Cnt

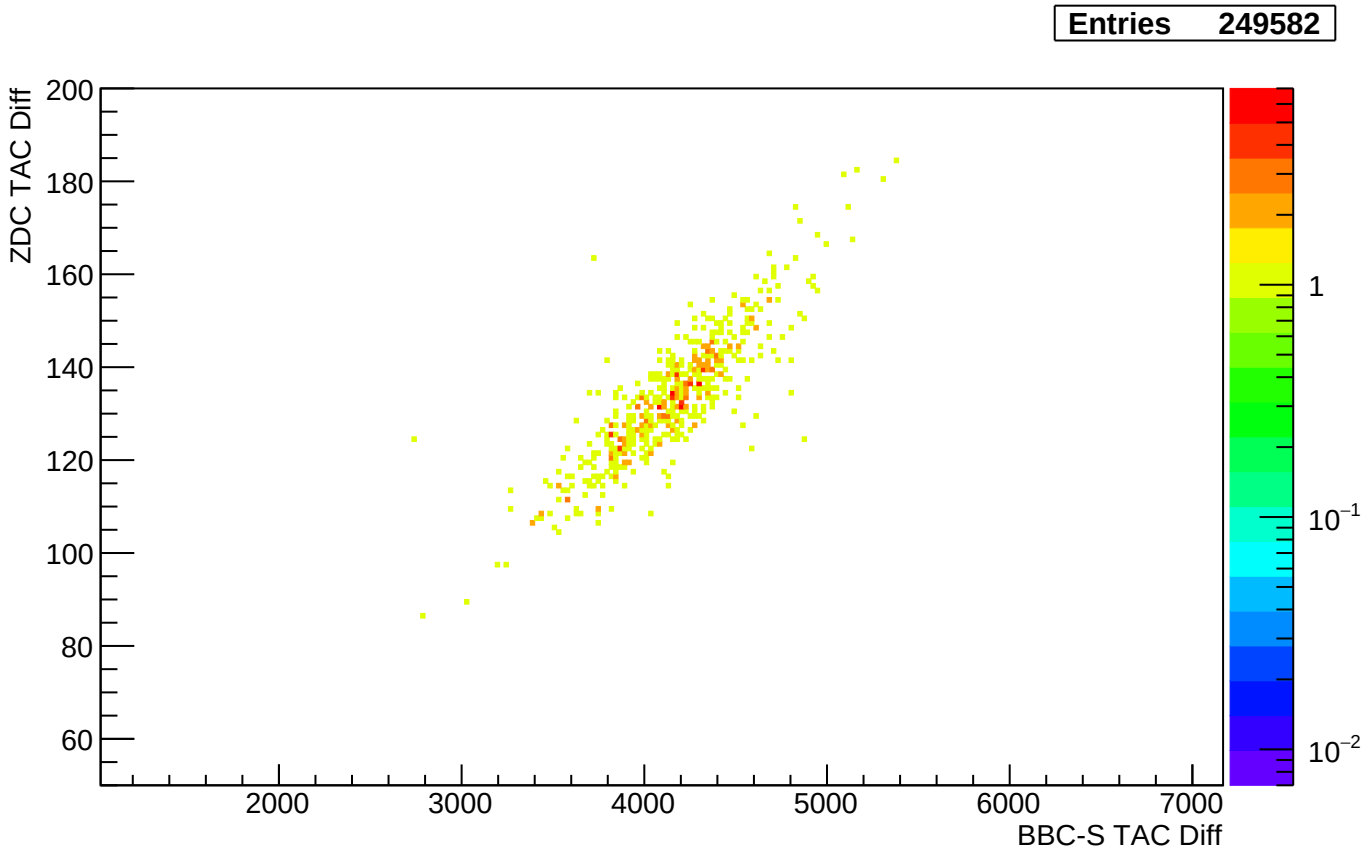

Entries 249582
TOF-Mult
EPD-West Hit Cnt

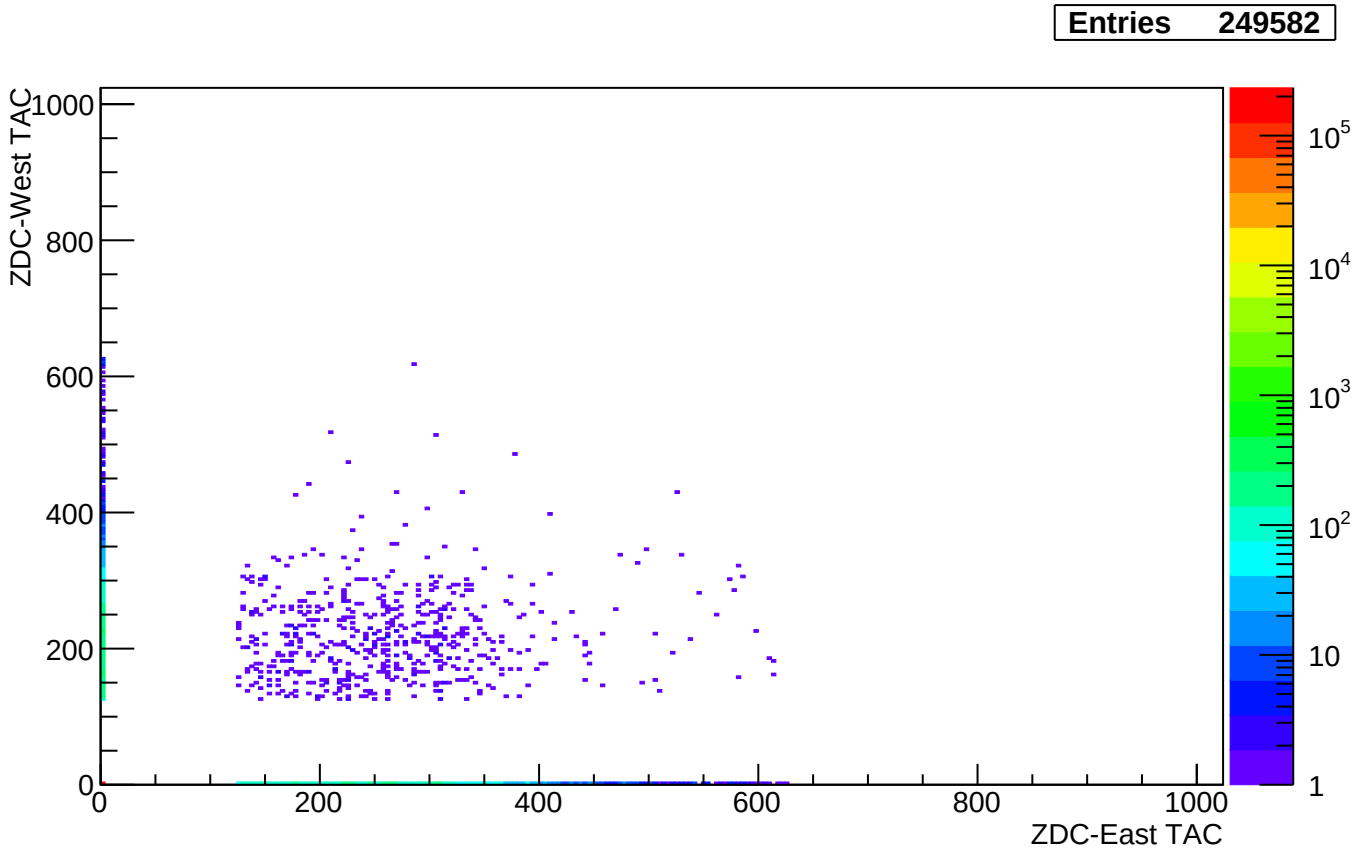

Entries 249582
TOF-Mult
VPD-East ADC Sum

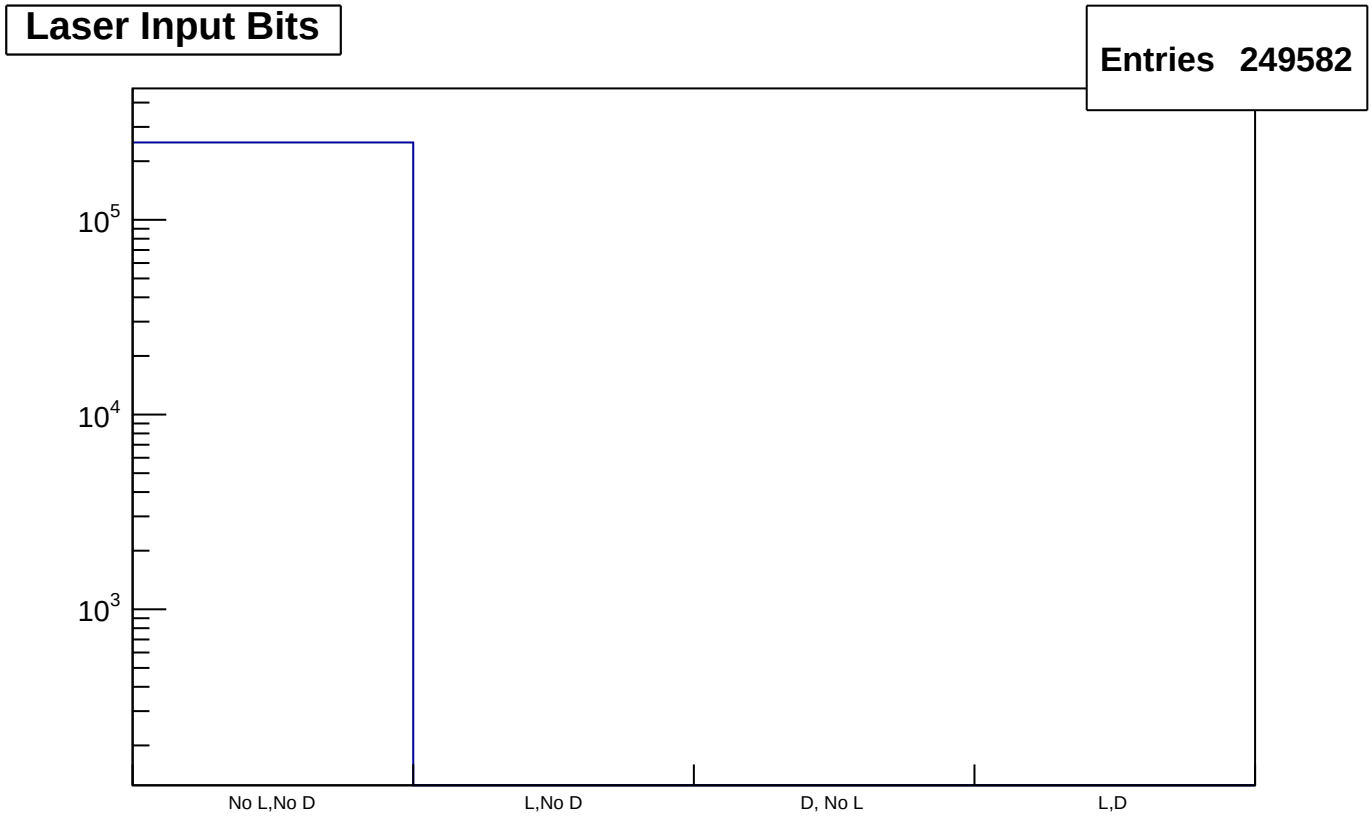

Entries 249582
TOF-Mult
VPD-West ADC Sum

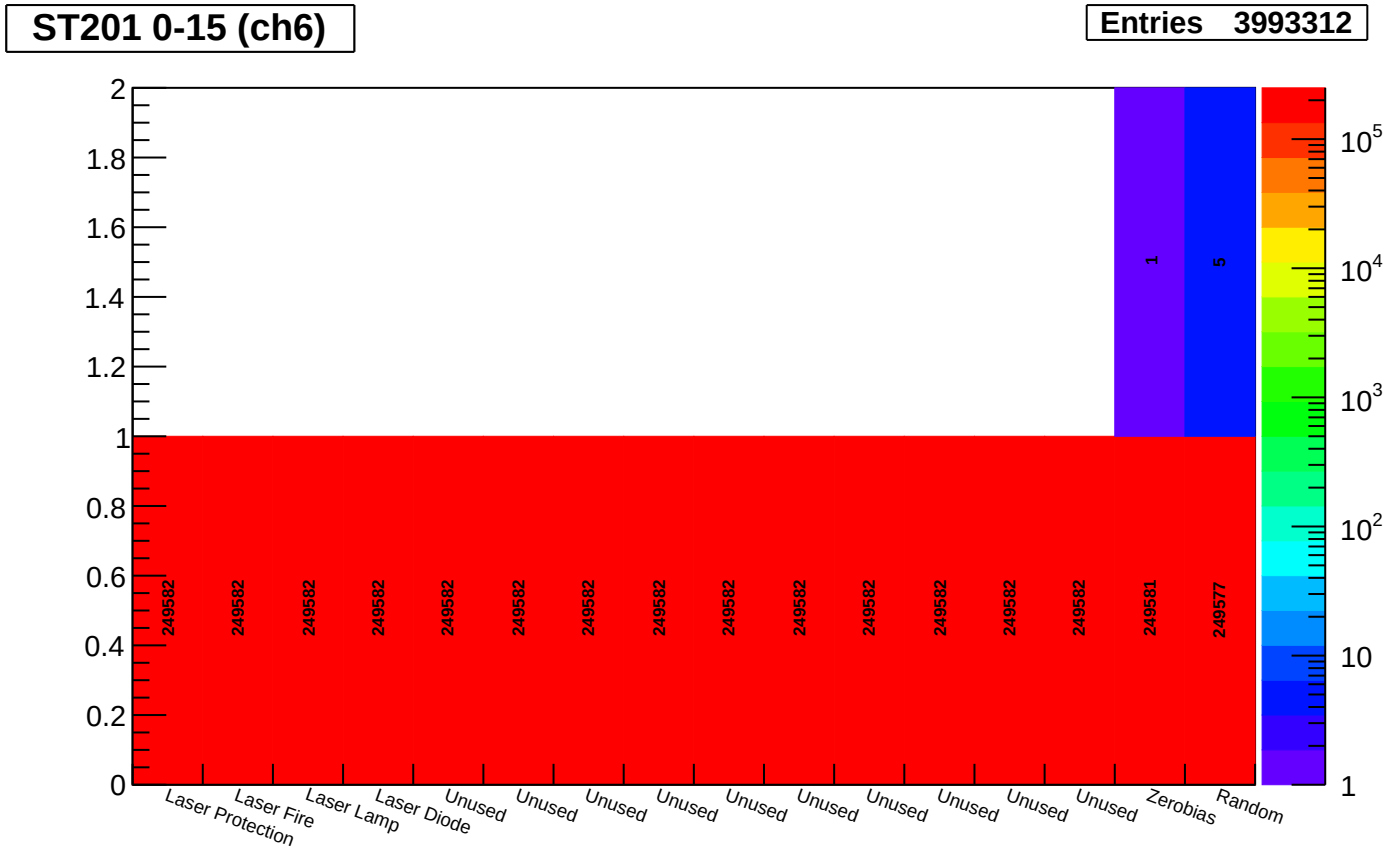

Entries 249582
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

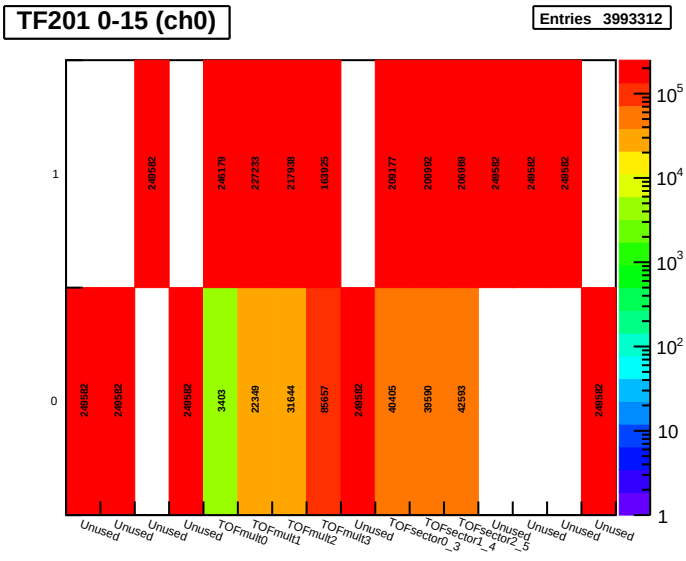

Entries 249582
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

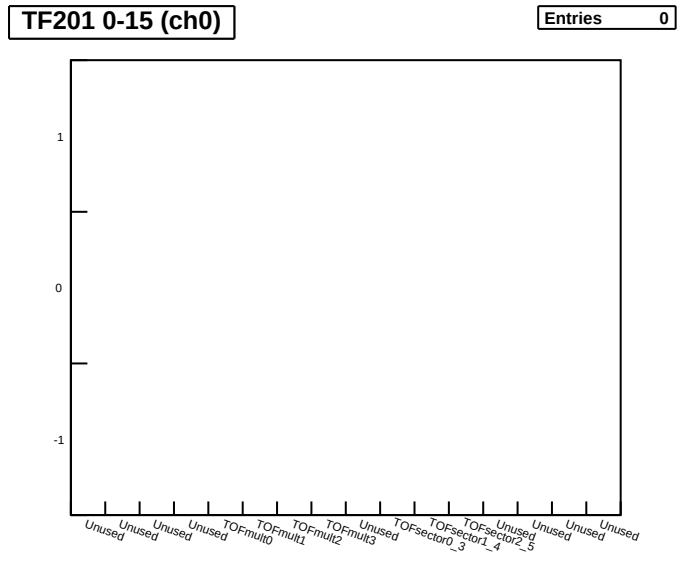

Entries 249582
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

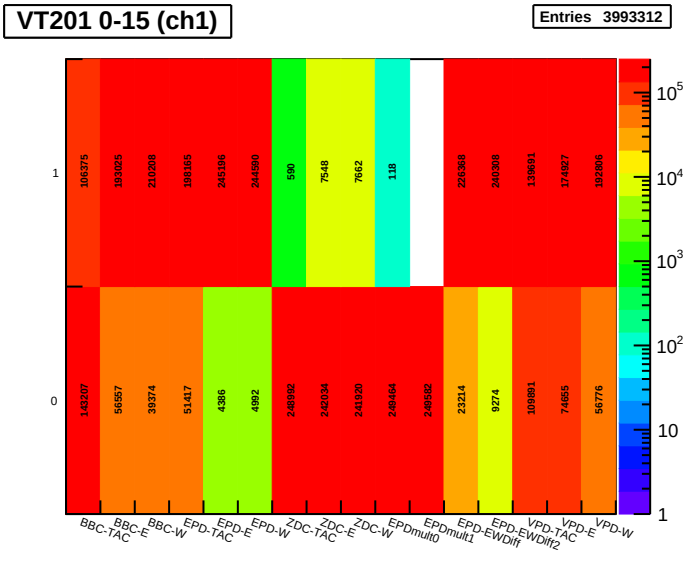

Entries 249582
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

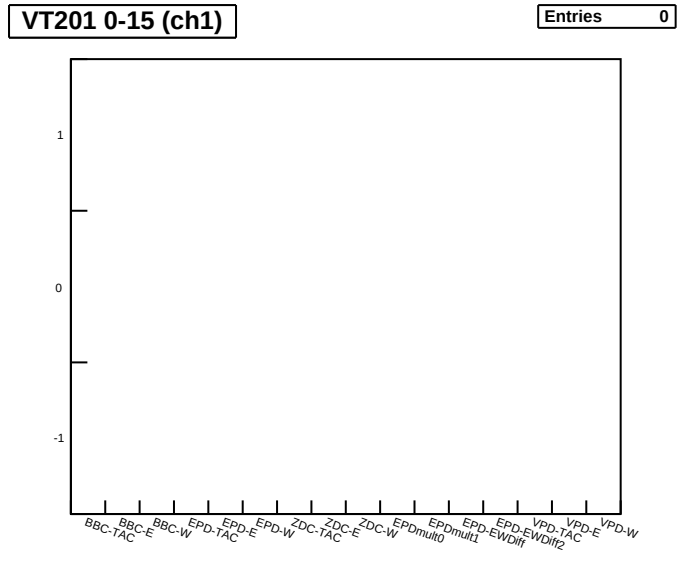

Laser Input Bits
Entries 249582
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

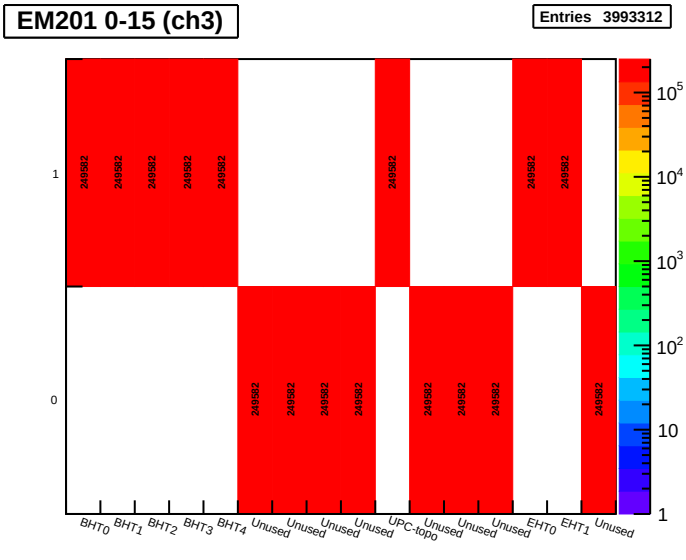

ST201 0-15 (ch6)
Entries 3993312
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
249582
249582
249582
249582
249582
249582
249582
249582
249582
249582
249582
249582
249582
249582
249581
249577
1
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

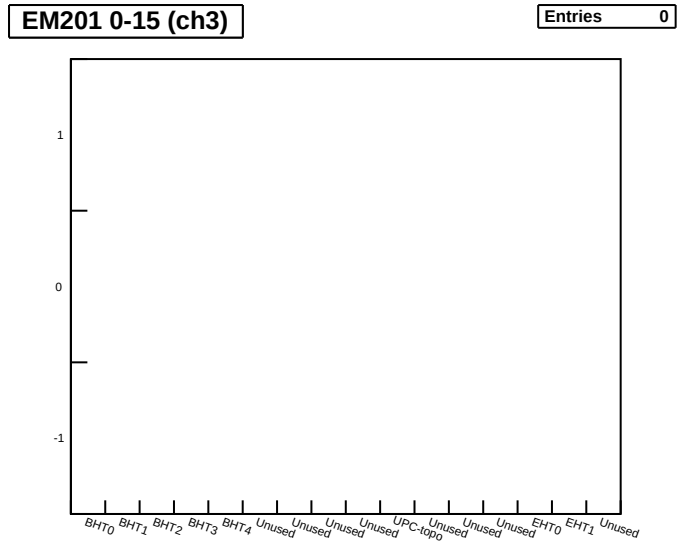

TF201 0-15 (ch0)
Entries 3993312
1
0
249582 249582 249582 249582 246179 227233 217938 163925 209177 209992 206989 249582 249582 249582
249582 249582 249582 3403 22349 31644 85657 249582 40405 39590 42593 249582
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 3993312
1
0
106375 193025 210208 198165 245196 244590 590 7548 7662 118 226358 240308 139691 174927 192806
143207 56557 39374 51417 4386 4992 248992 242034 241920 249464 249582 23214 9274 109891 74655 56776
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 3993312
1
0
249582 249582 249582 249582 249582 249582 249582 249582
249582 249582 249582 249582 249582 249582 249582 249582
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