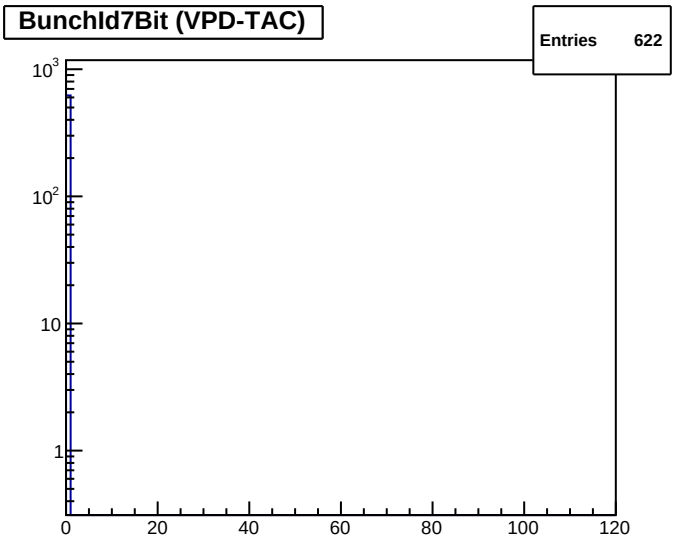
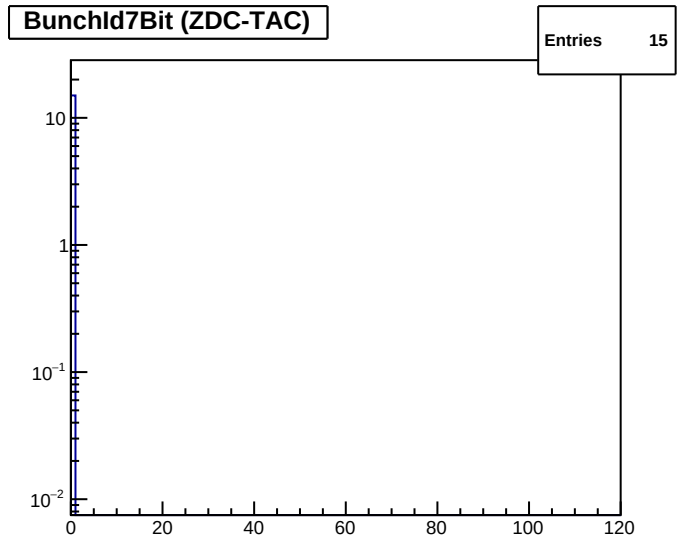
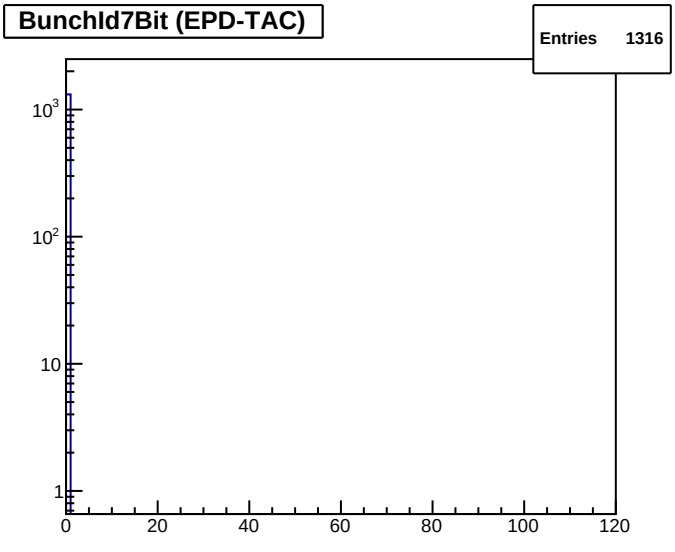
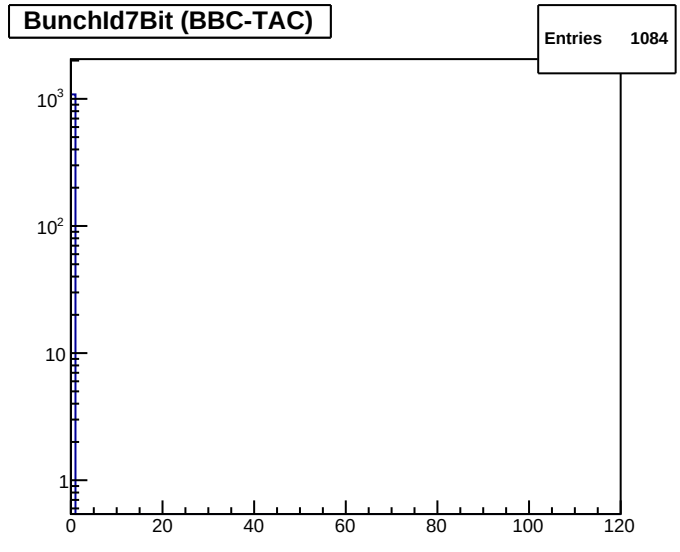
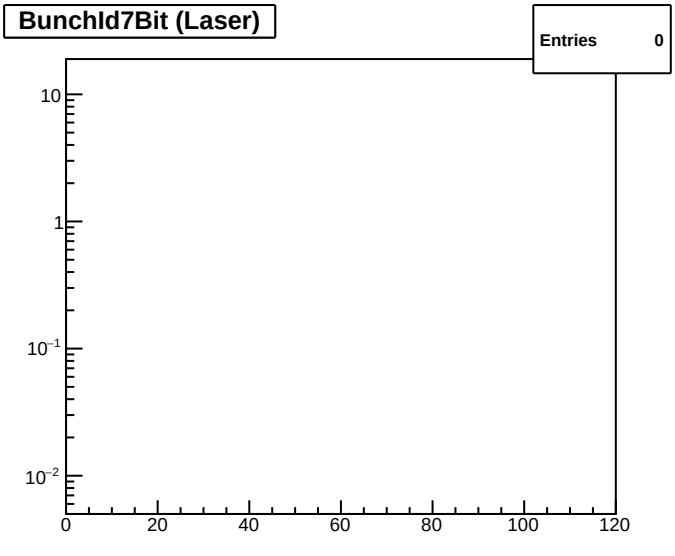
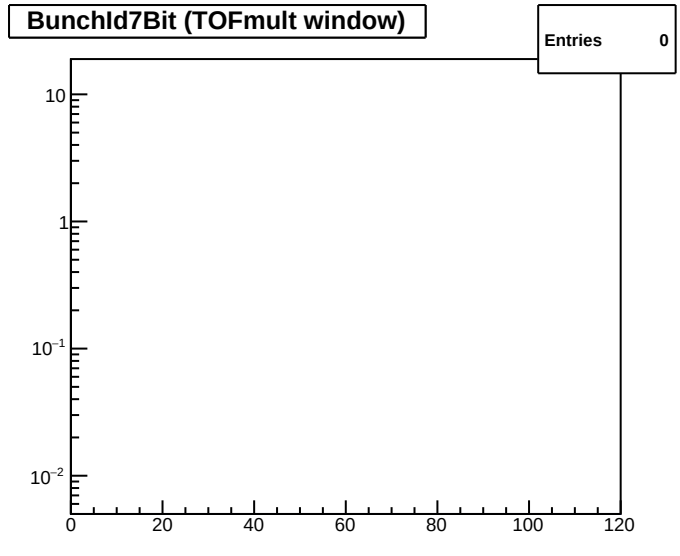

BunchId7Bit (VPD-TAC)
Entries 622

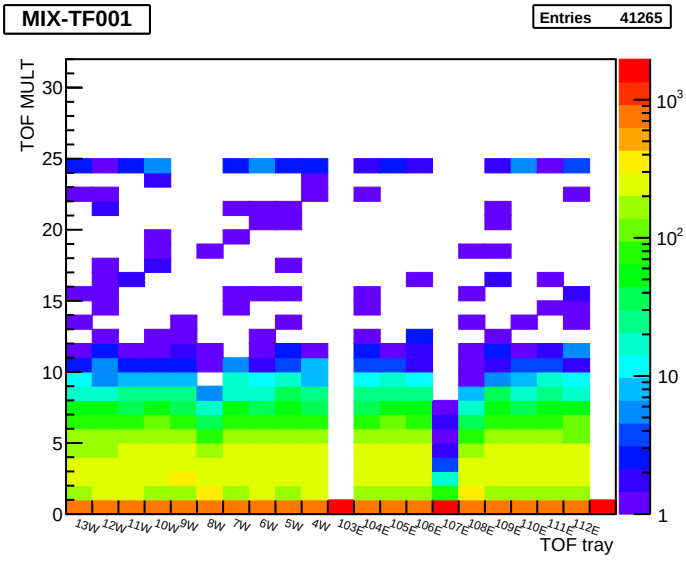

BunchId7Bit (ZDC-TAC)
Entries 15

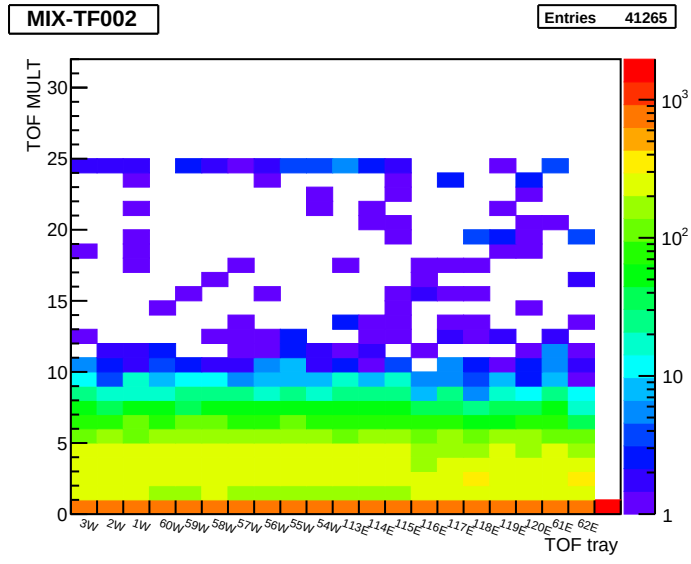

BunchId7Bit (EPD-TAC)
Entries 1316

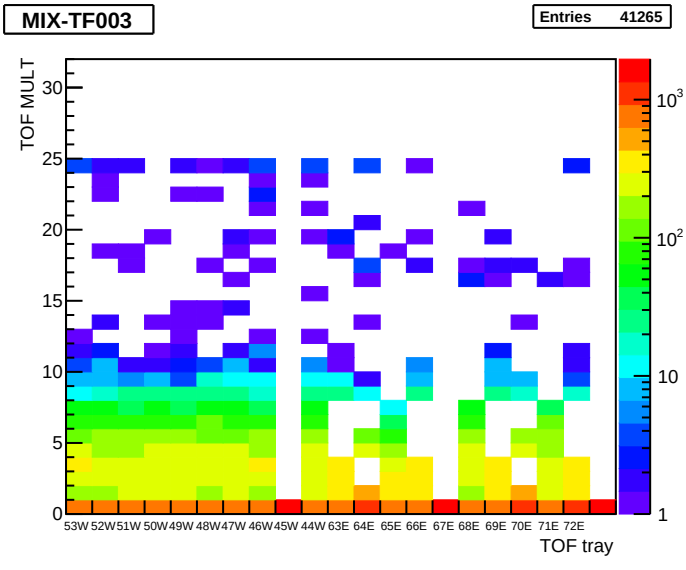

BunchId7Bit (BBC-TAC)
Entries 1084

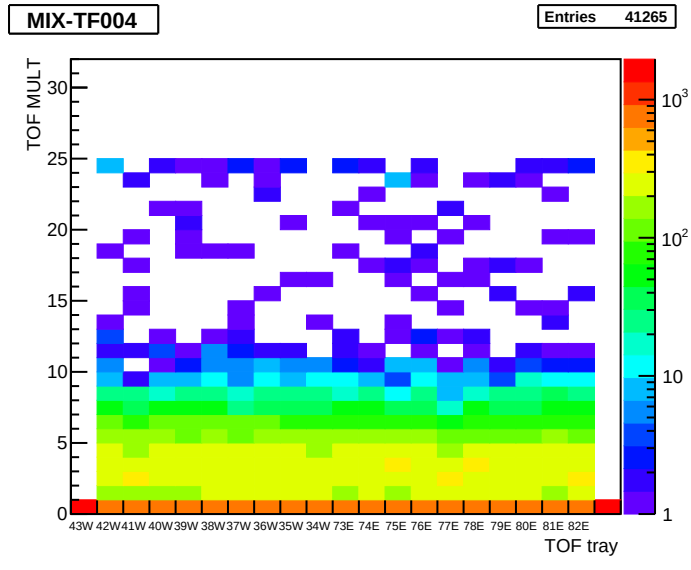

BunchId7Bit (Laser)
Entries 0

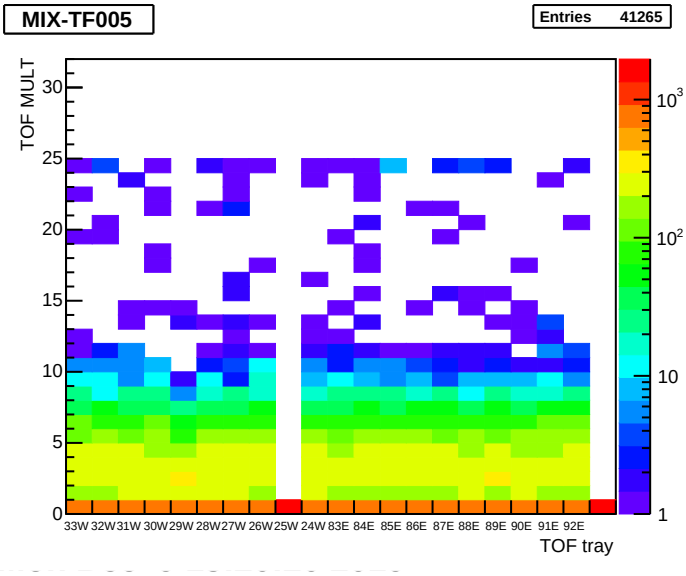

BunchId7Bit (TOFmult window)
Entries 0

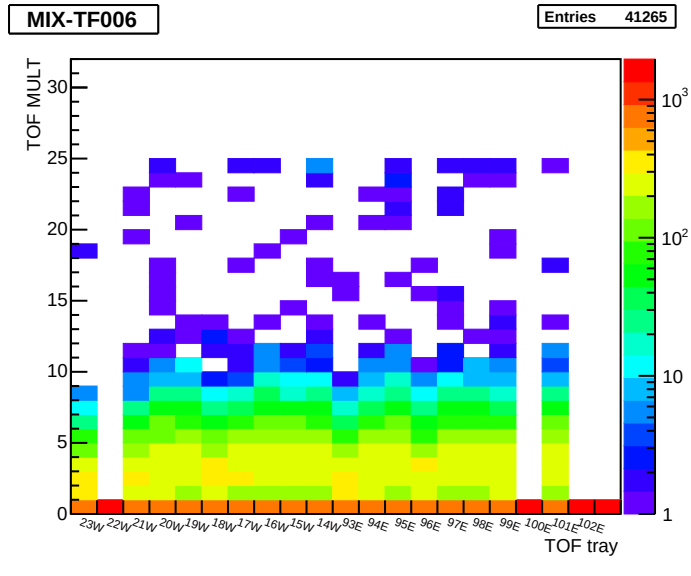

MIX-TF001
Entries 41265
TOF MULT
TOF tray

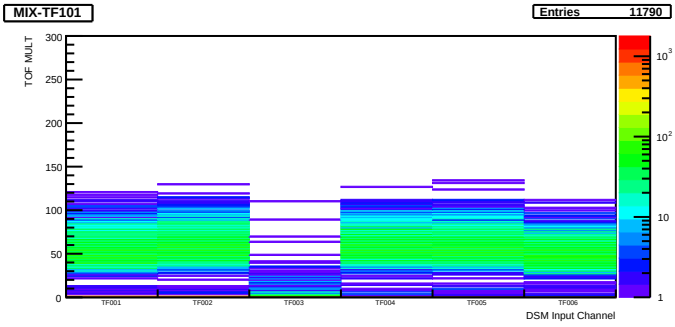

MIX-TF002
Entries 41265
TOF MULT
TOF tray

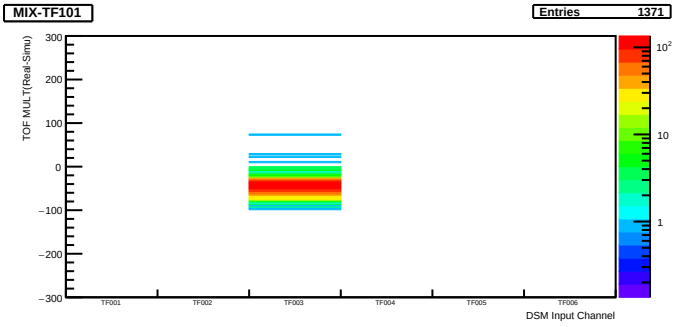

MIX-TF003
Entries 41265
TOF MULT
TOF tray

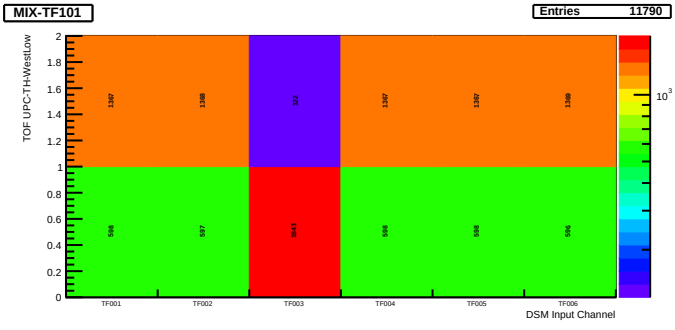

MIX-TF004
Entries 41265
TOF MULT
TOF tray

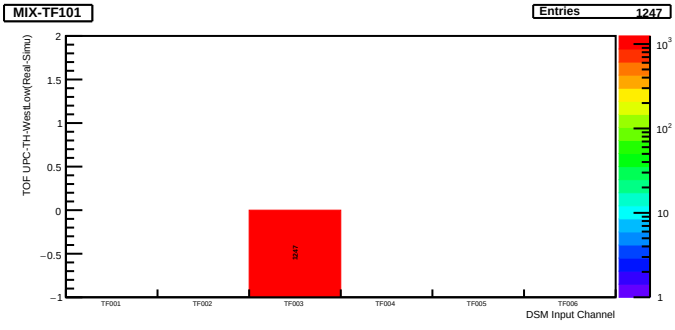

MIX-TF005
Entries 41265
TOF MULT
TOF tray

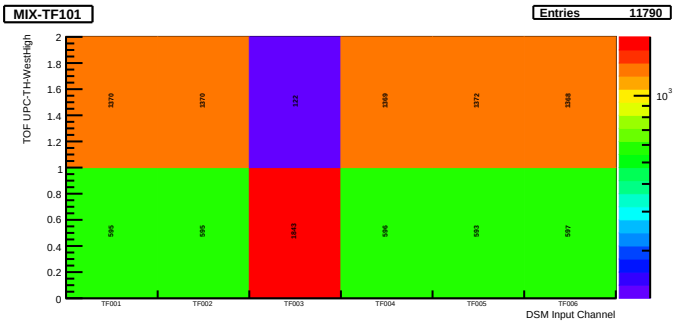

MIX-TF006
Entries 41265
TOF MULT
TOF tray

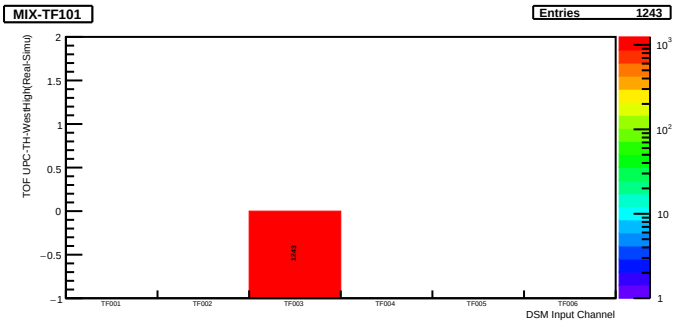

MIX-TF101
Entries 11790
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

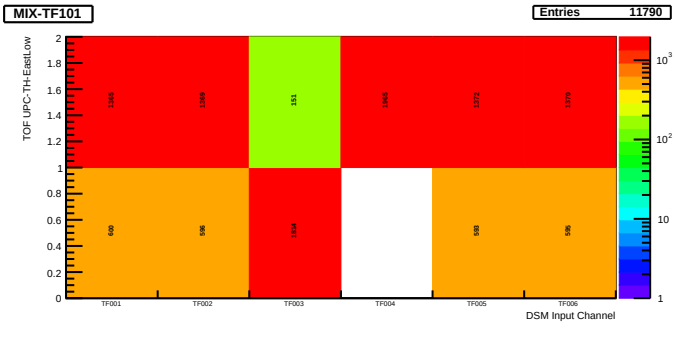

MIX-TF101
Entries 1371
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

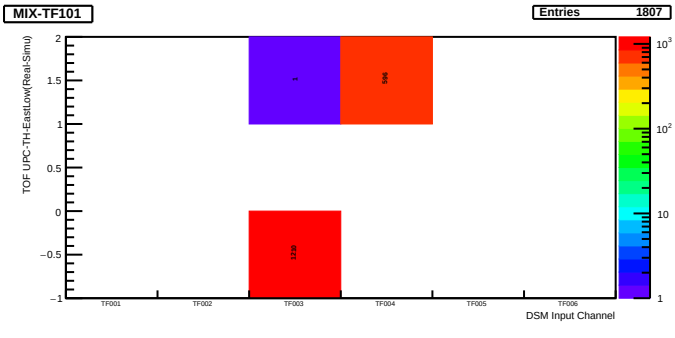

MIX-TF101
Entries 11790
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

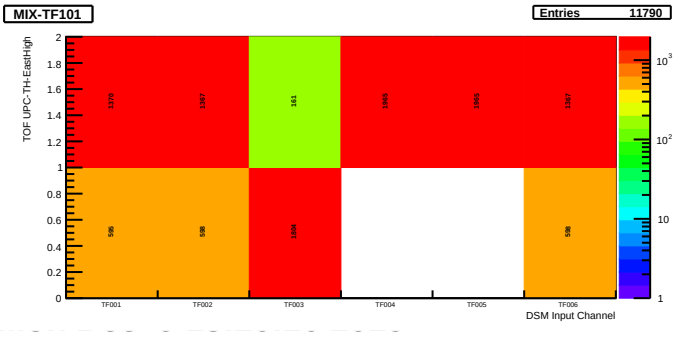

MIX-TF101
Entries 1247
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

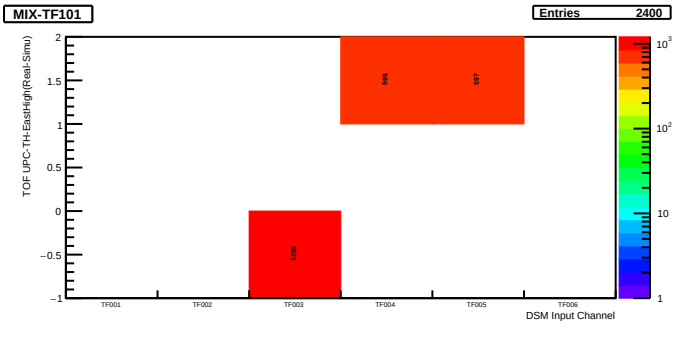

MIX-TF101
Entries 11790
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

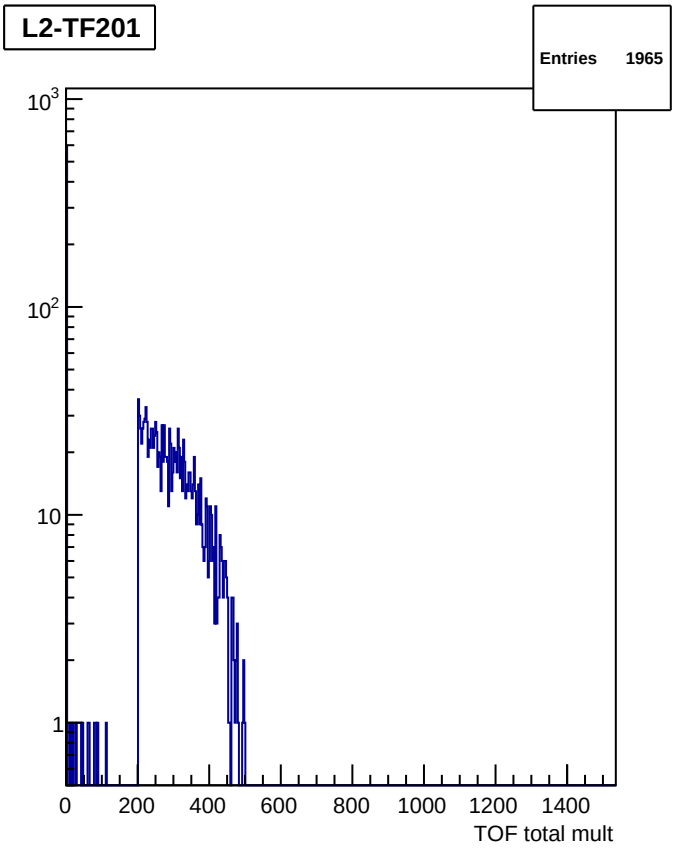

MIX-TF101
Entries 1243
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

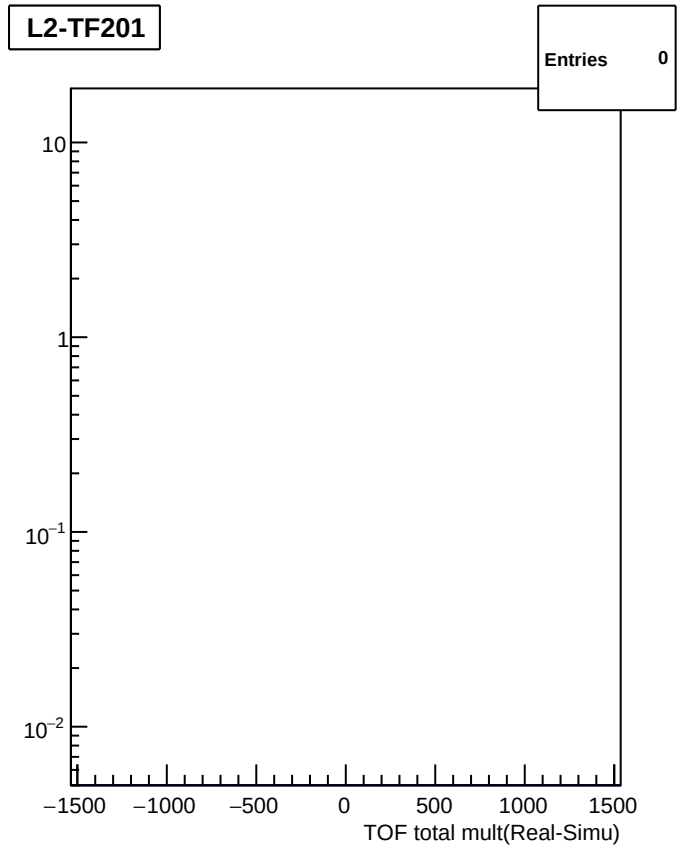

MIX-TF101
Entries 11790
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

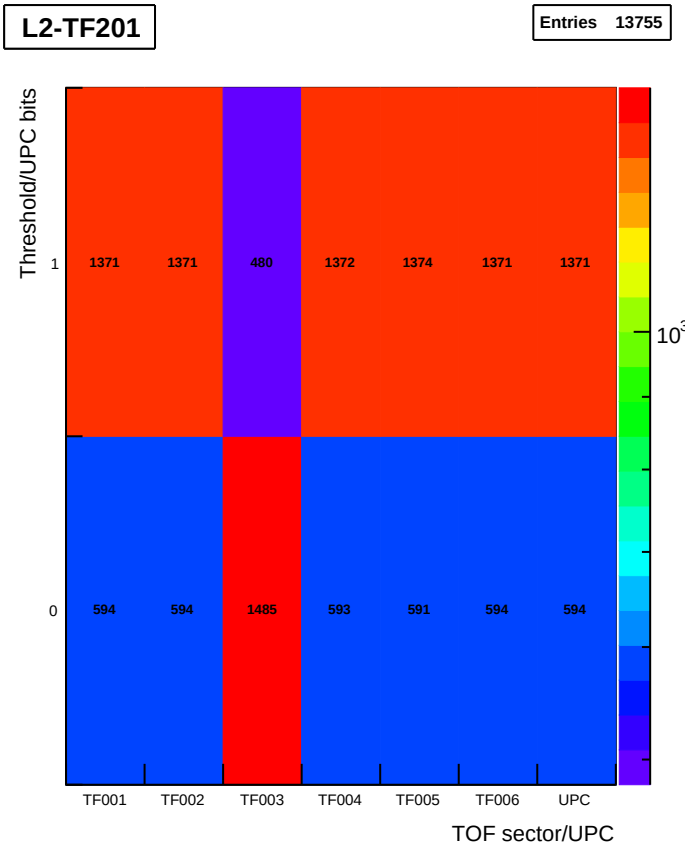

MIX-TF101
Entries 1807
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

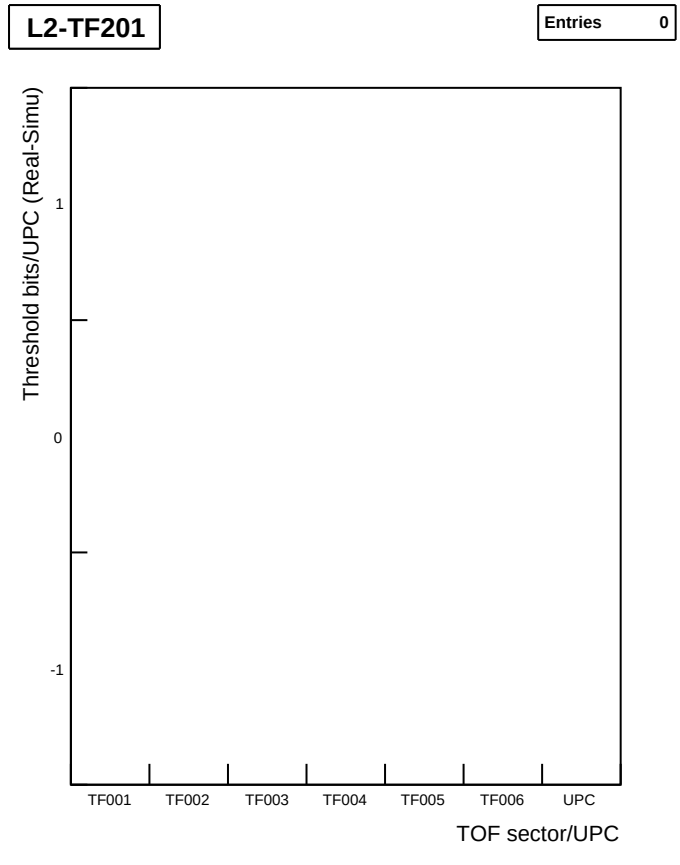

MIX-TF101
Entries 11790
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

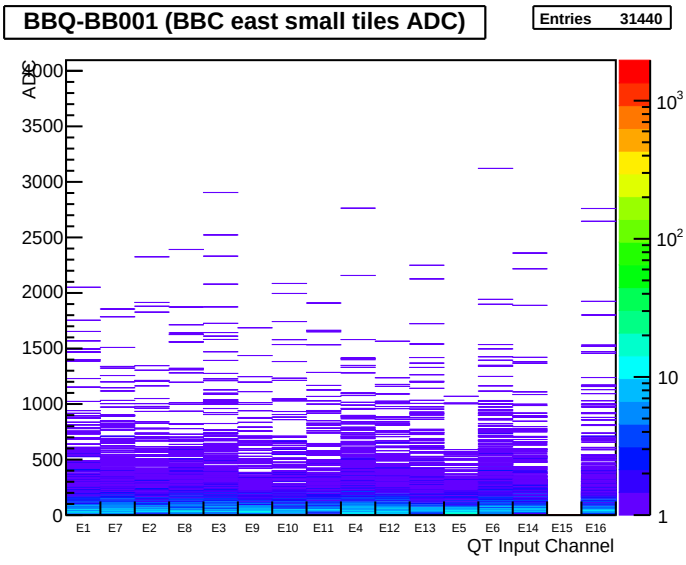

MIX-TF101
Entries 2400
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

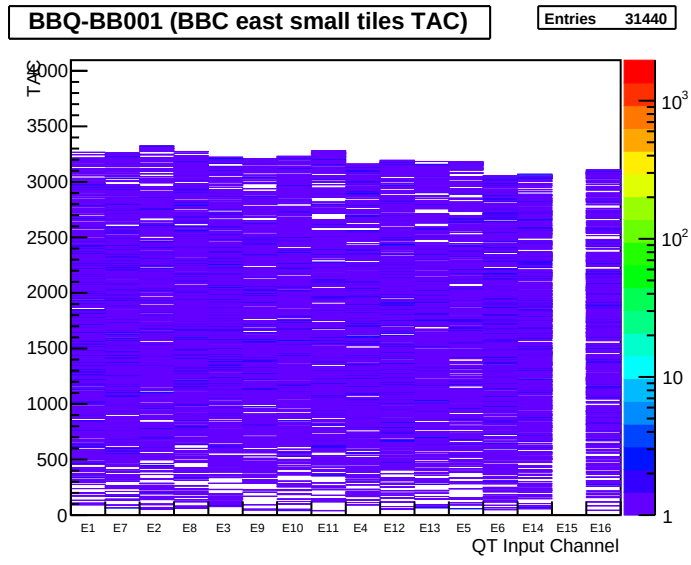

L2-TF201
Entries 1965
TOF total mult

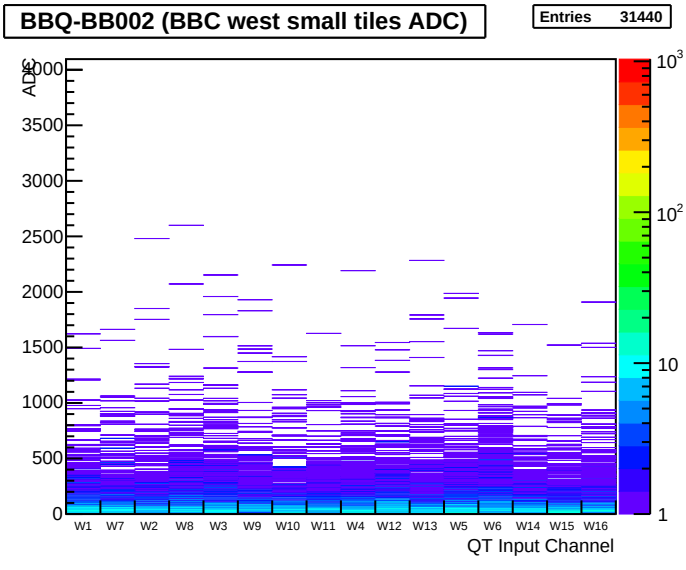

L2-TF201
Entries 0
TOF total mult(Real-Simu)

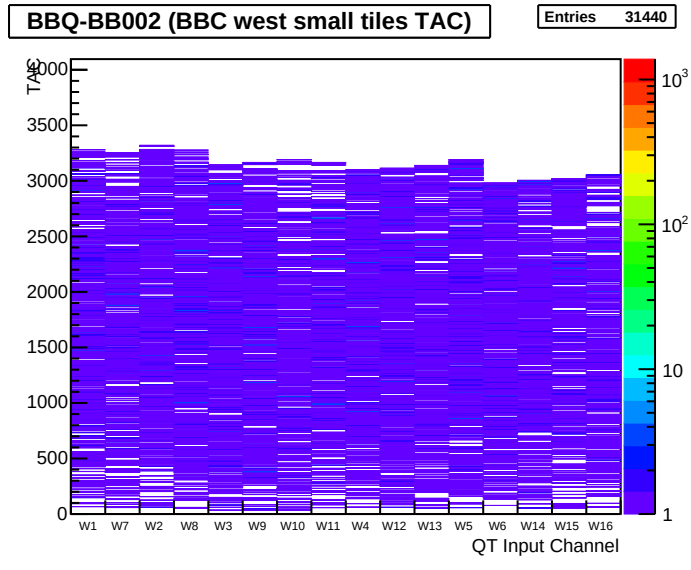

L2-TF201
Entries 13755
Threshold/UPC bits
1371 1371 480 1372 1374 1371 1371
594 594 1485 593 591 594 594
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

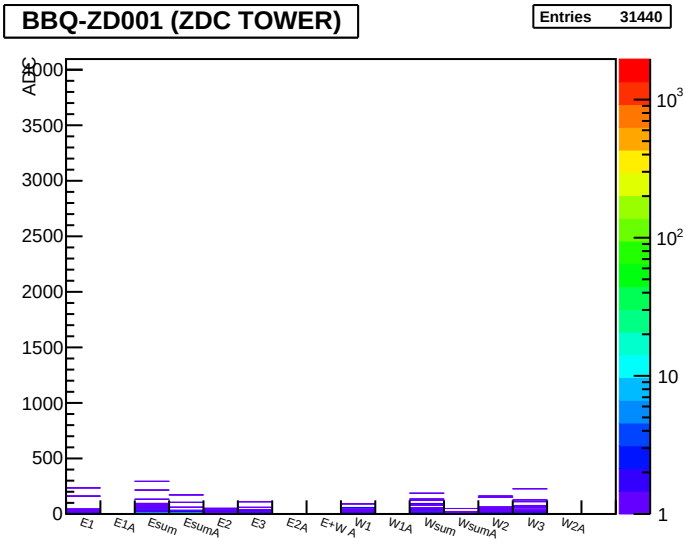

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

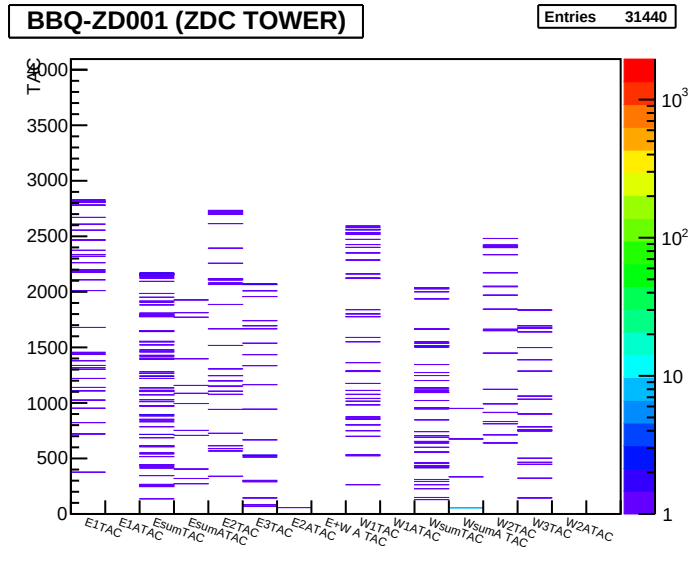

BBQ-BB001 (BBC east small tiles ADC)
Entries 31440
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

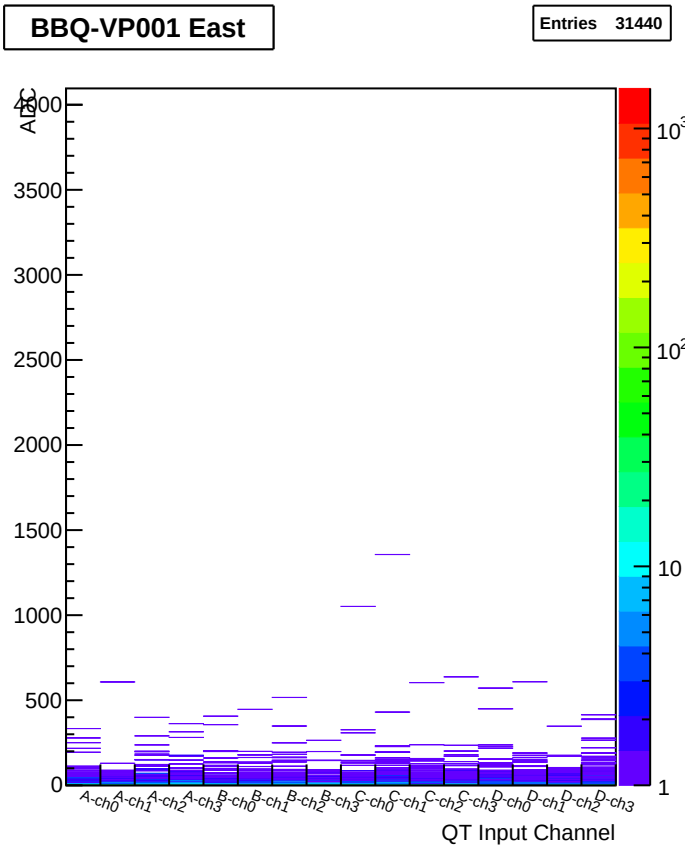

BBQ-BB001 (BBC east small tiles TAC)
Entries 31440
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

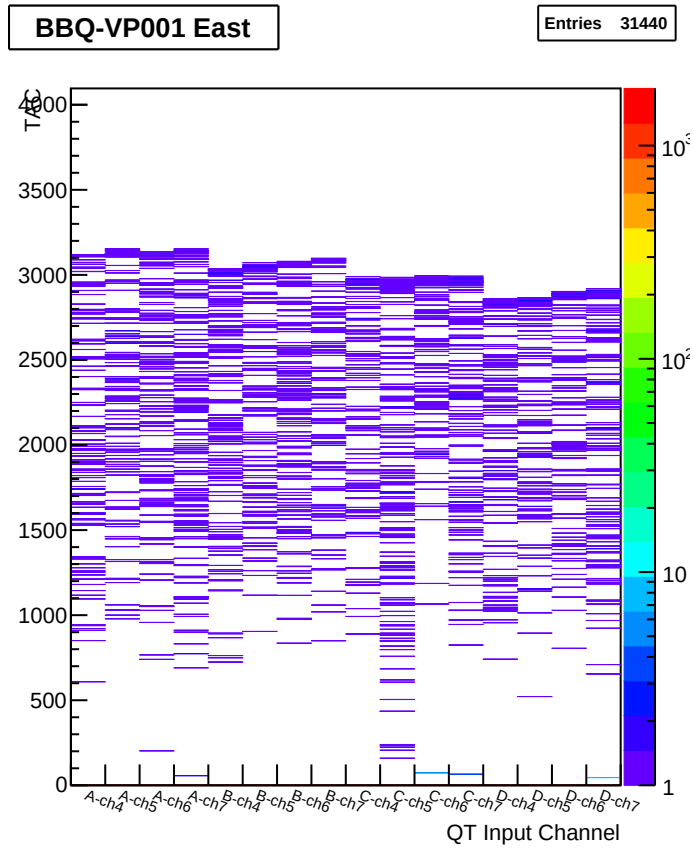

BBQ-BB002 (BBC west small tiles ADC)
Entries 31440
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

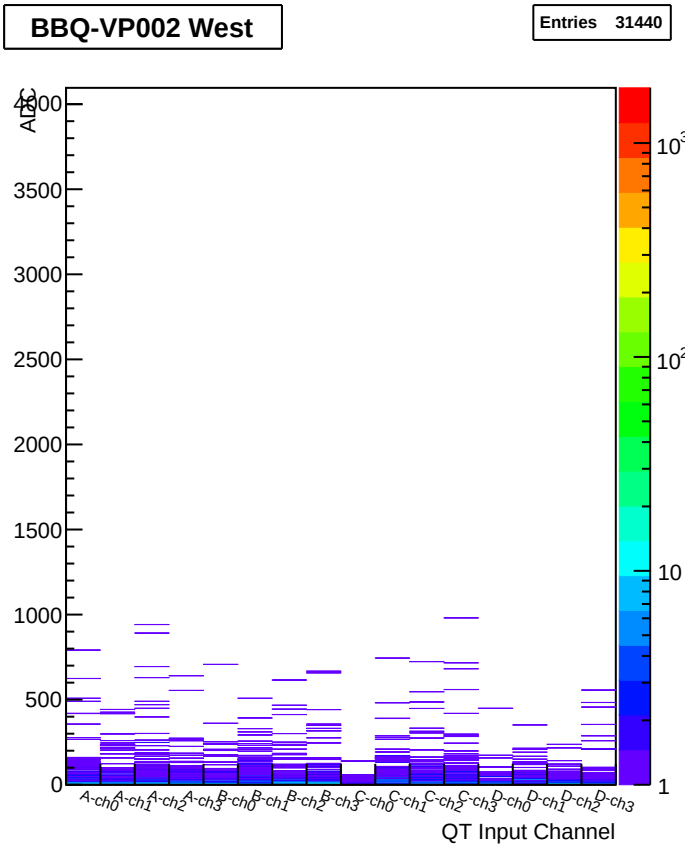

BBQ-BB002 (BBC west small tiles TAC)
Entries 31440
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

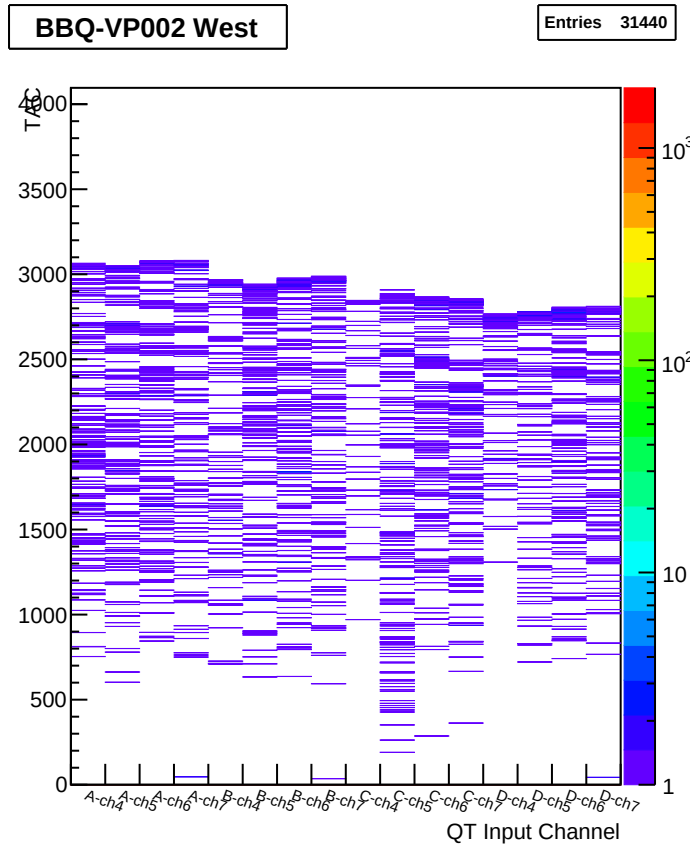

BBQ-ZD001 (ZDC TOWER)
Entries 31440
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

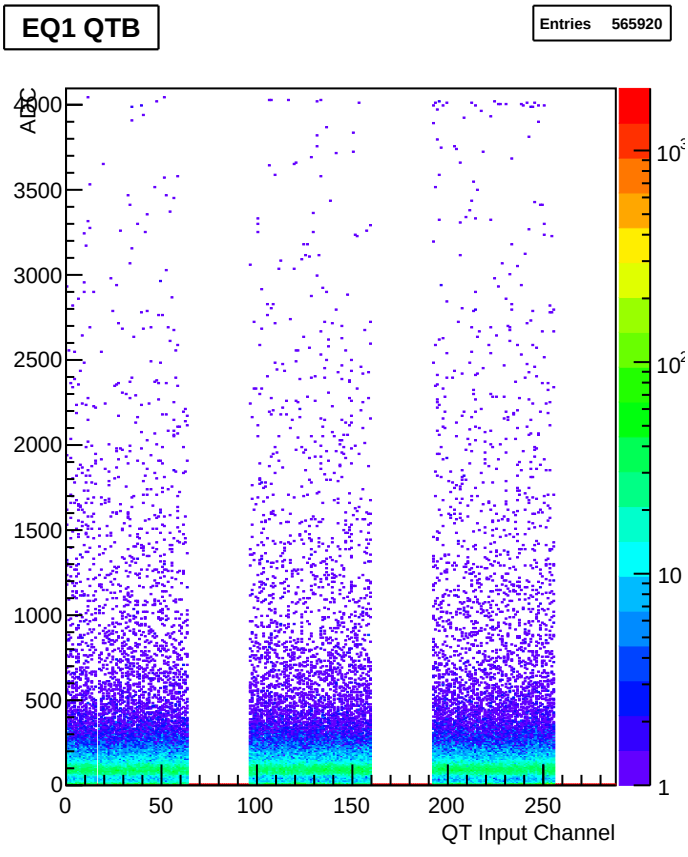

BBQ-ZD001 (ZDC TOWER)
Entries 31440
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

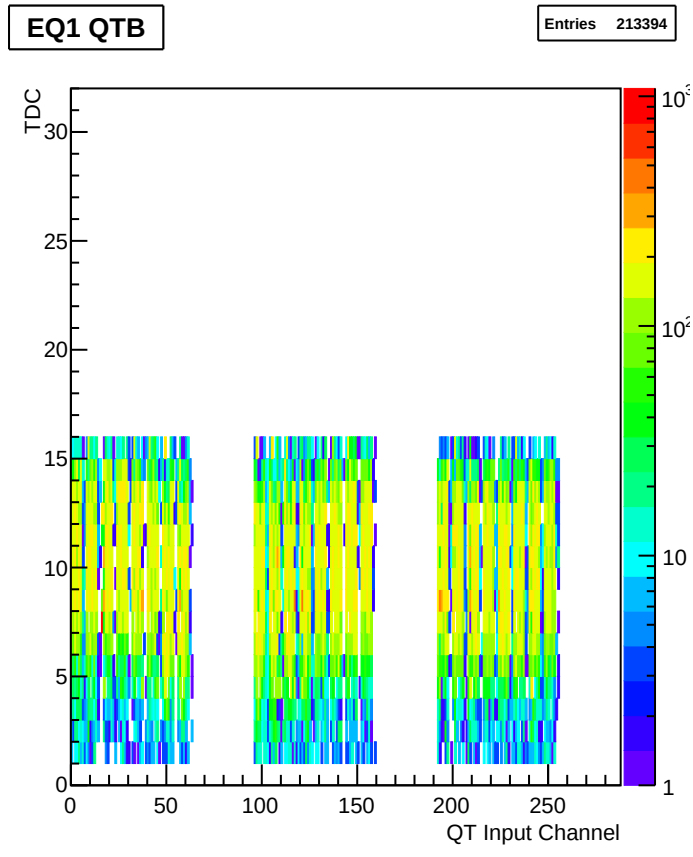

BBQ-VP001 East
Entries 31440
ADC
QT Input Channel

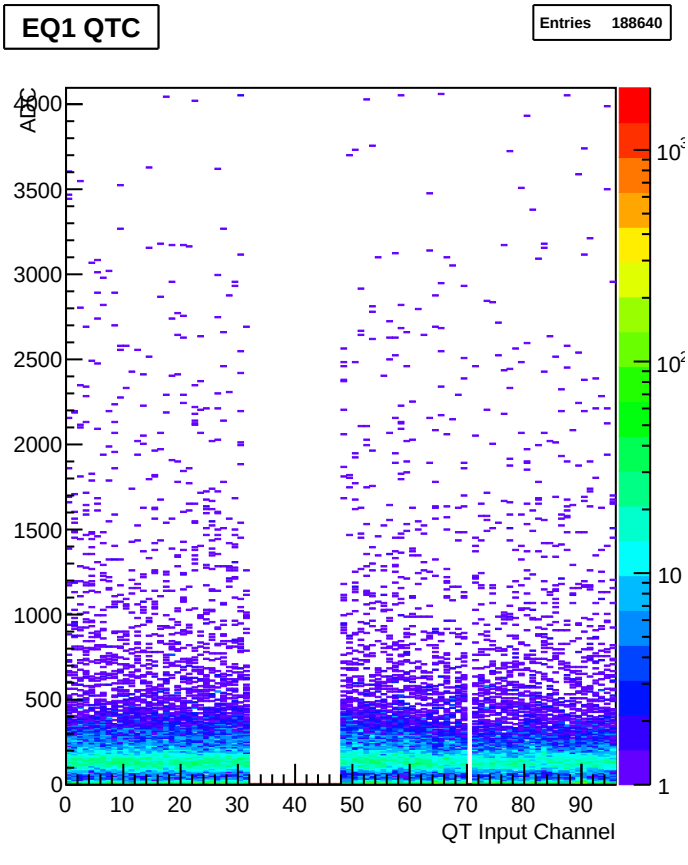

BBQ-VP001 East
Entries 31440
TADC
QT Input Channel

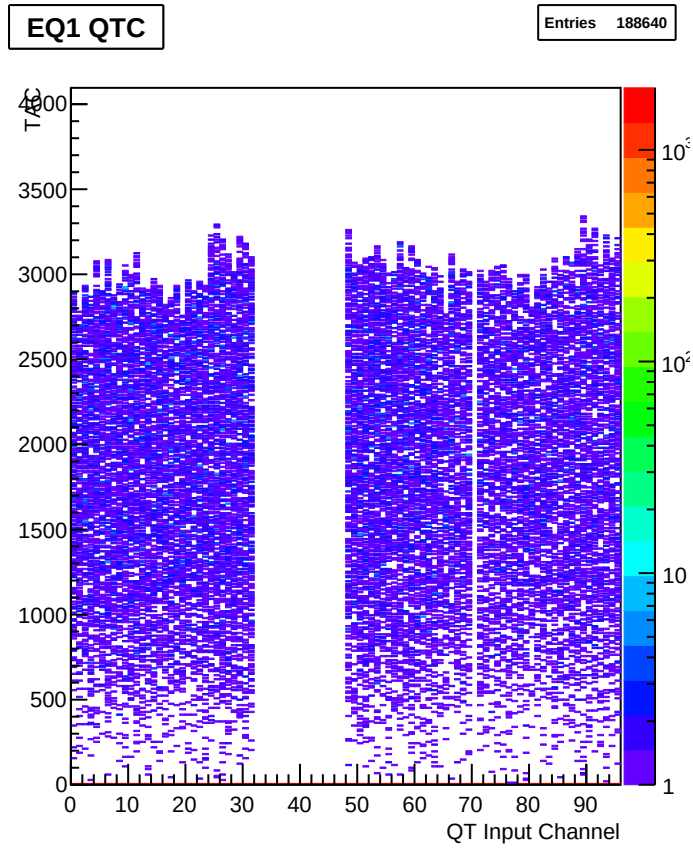

BBQ-VP002 West
Entries 31440
ADC
QT Input Channel

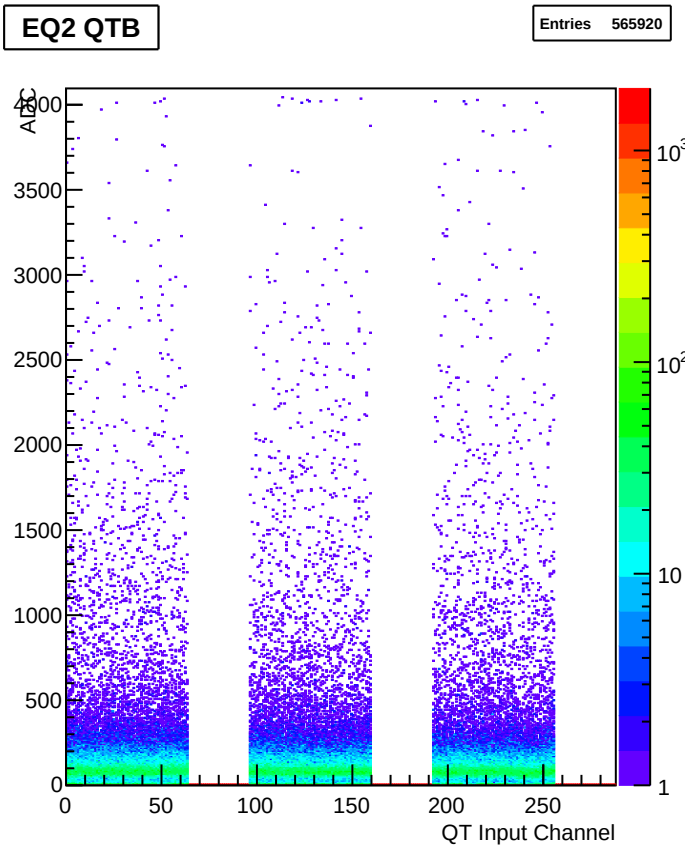

BBQ-VP002 West
Entries 31440
TADC
QT Input Channel

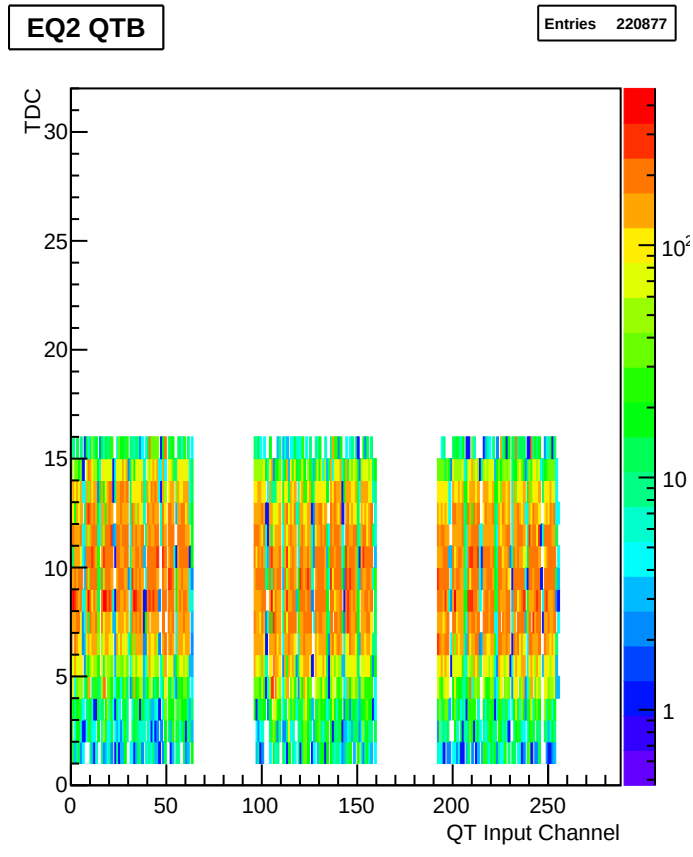

EQ1 QTB
Entries 565920
ADC
QT Input Channel

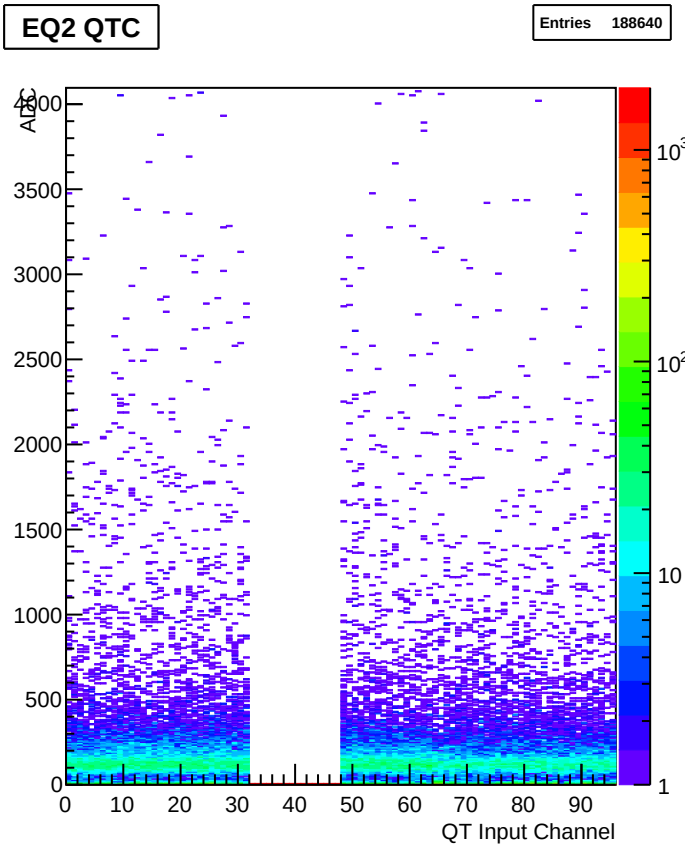

EQ1 QTB
Entries 213394
TDC
QT Input Channel

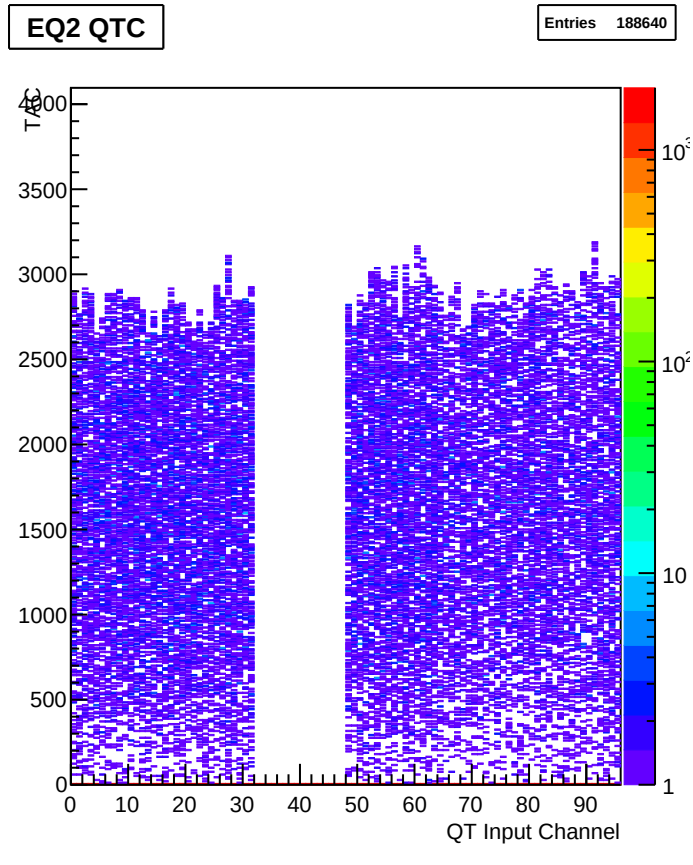

EQ1 QTC
Entries 188640
ADC
QT Input Channel

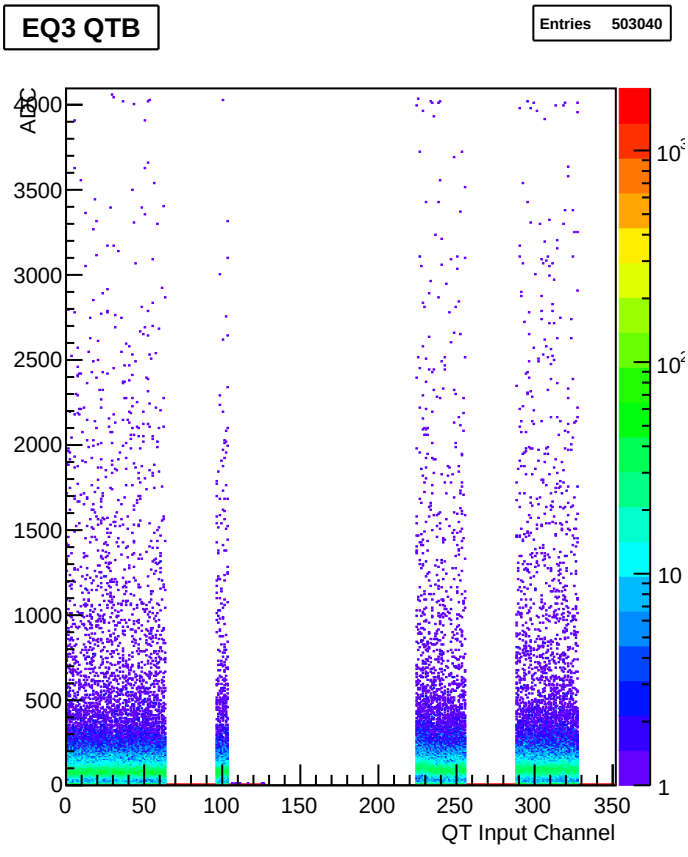

EQ1 QTC
Entries 188640
TADC
QT Input Channel

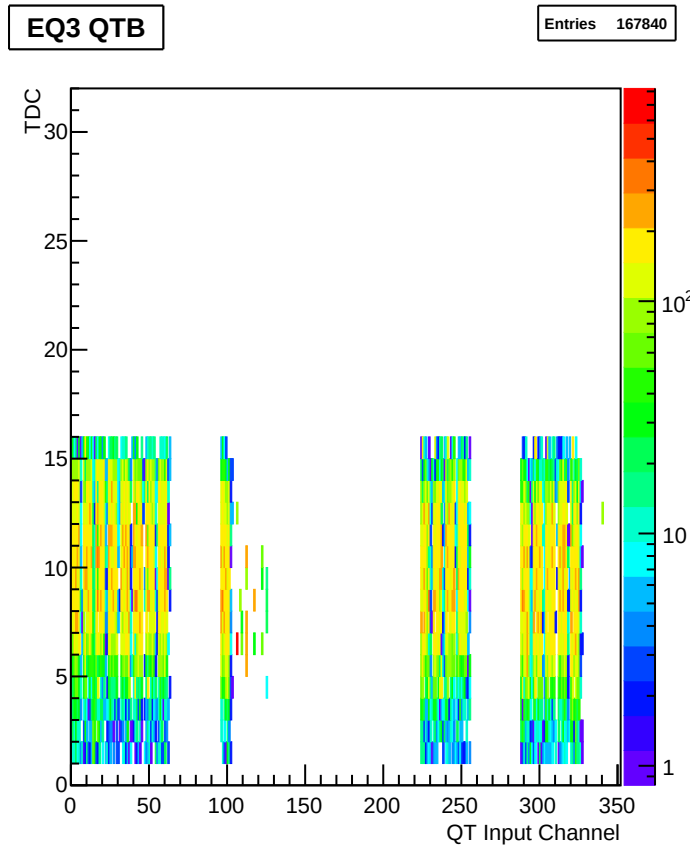

EQ2 QTB
Entries 565920
ADC
QT Input Channel

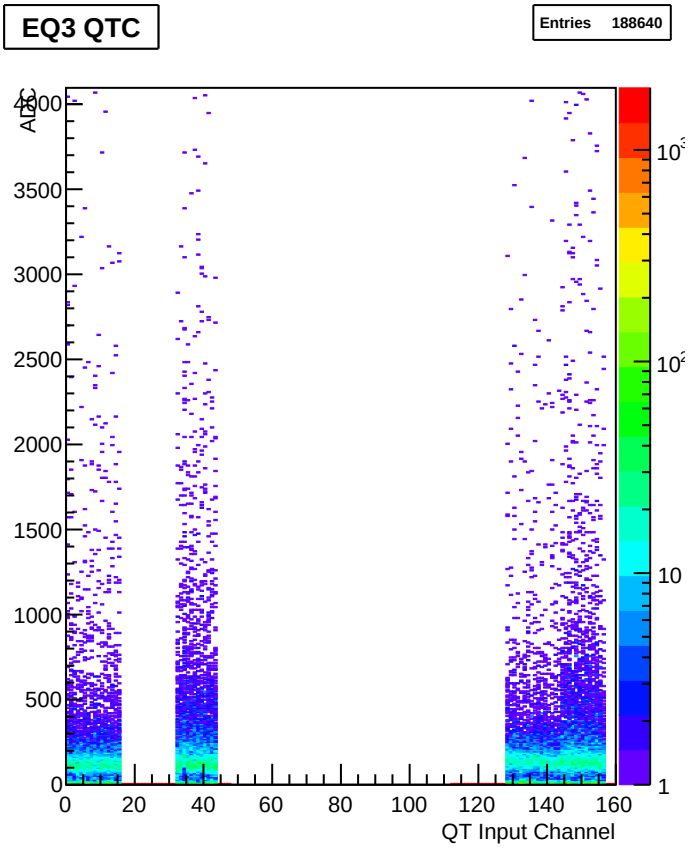

EQ2 QTB
Entries 220877
TDC
QT Input Channel

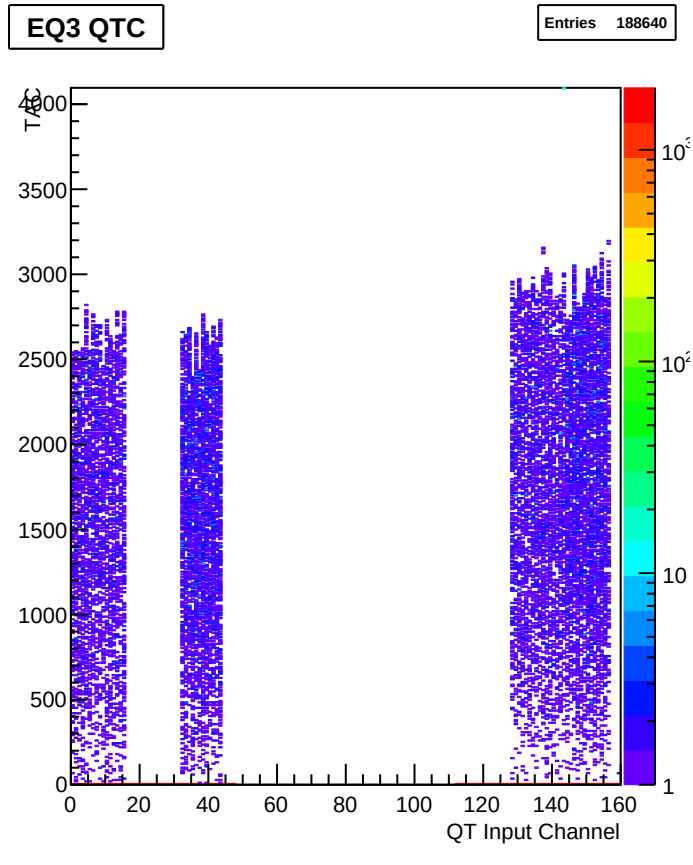

EQ2 QTC
Entries 188640
ADC
QT Input Channel

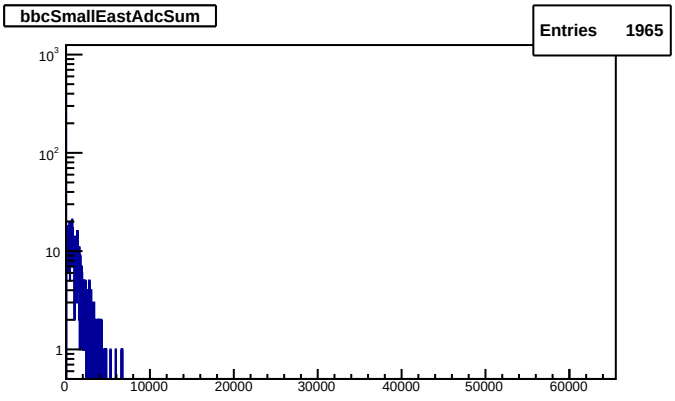

EQ2 QTC
Entries 188640
TADC
QT Input Channel

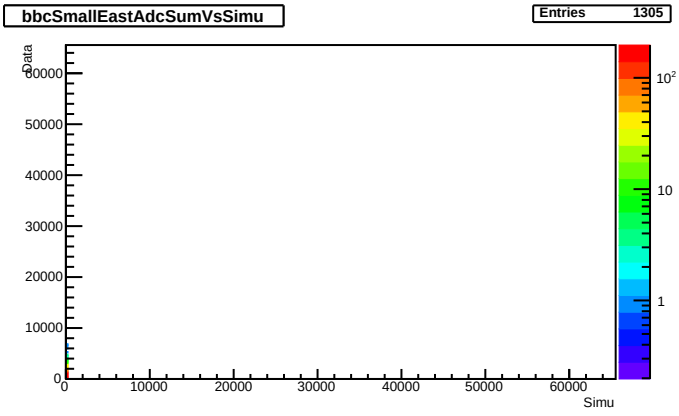

EQ3 QTB
Entries 503040
ADC
QT Input Channel

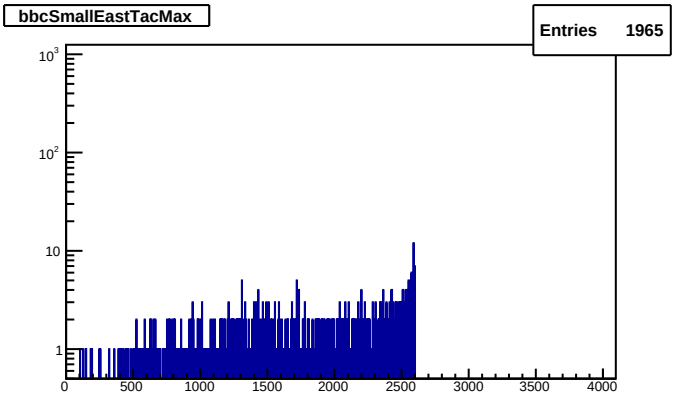

EQ3 QTB
Entries 167840
TDC
QT Input Channel

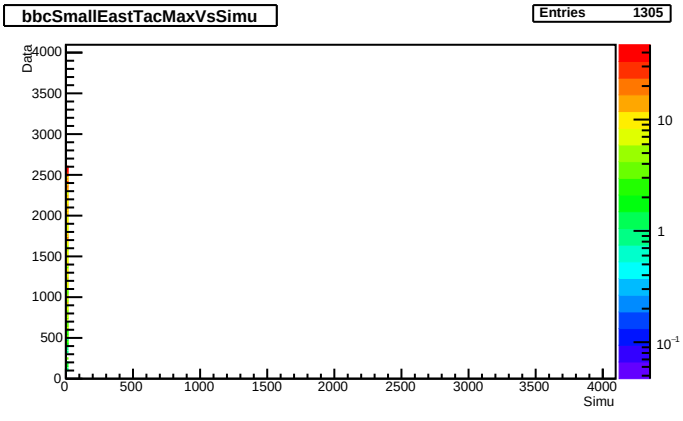

EQ3 QTC
Entries 188640
ADC
QT Input Channel

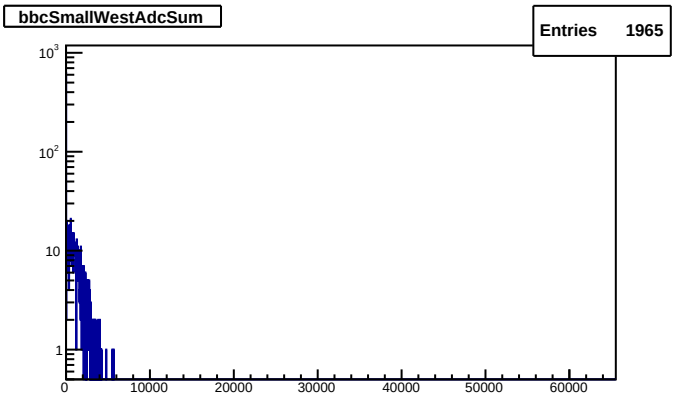

EQ3 QTC
Entries 188640
TADC
QT Input Channel

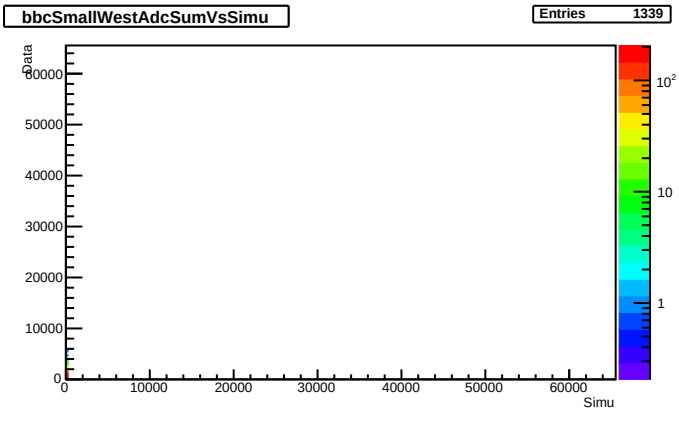

bbcSmallEastAdcSum
Entries 1965

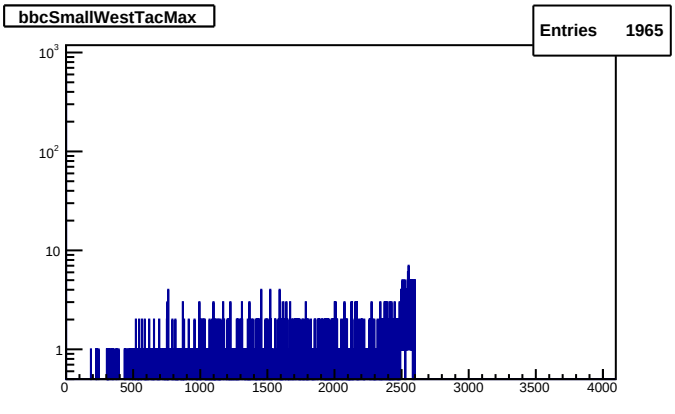

bbcSmallEastAdcSumVsSimu
Entries 1305
Data
Simu

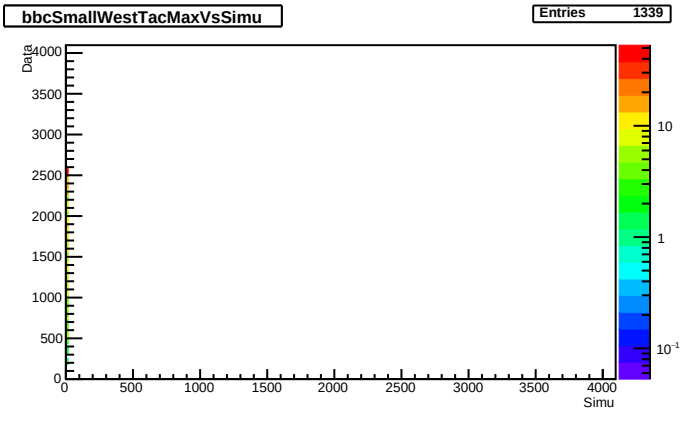

bbcSmallEastTacMax
Entries 1965

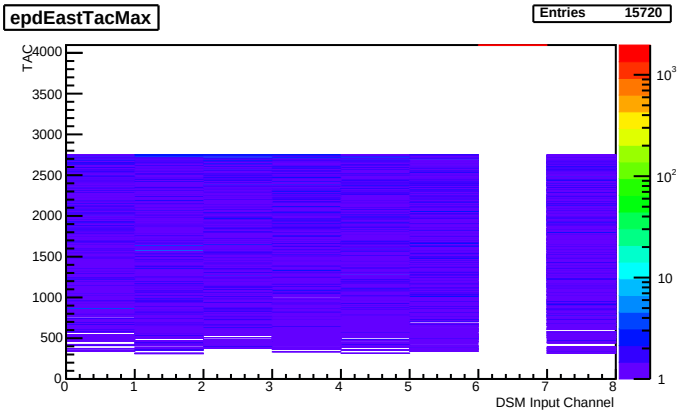

bbcSmallEastTacMaxVsSimu
Entries 1305
Data
Simu

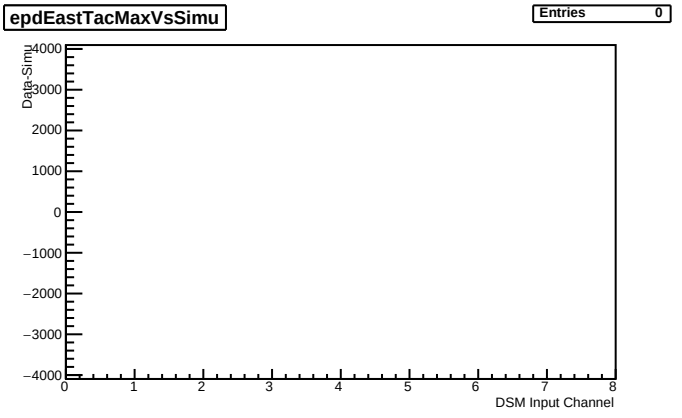

bbcSmallWestAdcSum
Entries 1965

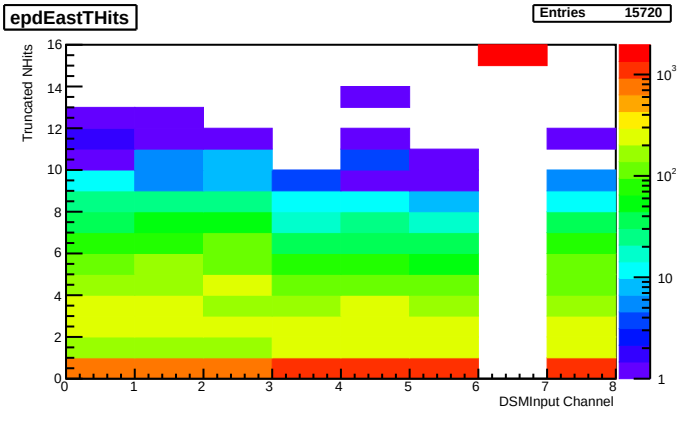

bbcSmallWestAdcSumVsSimu
Entries 1339
Data
Simu

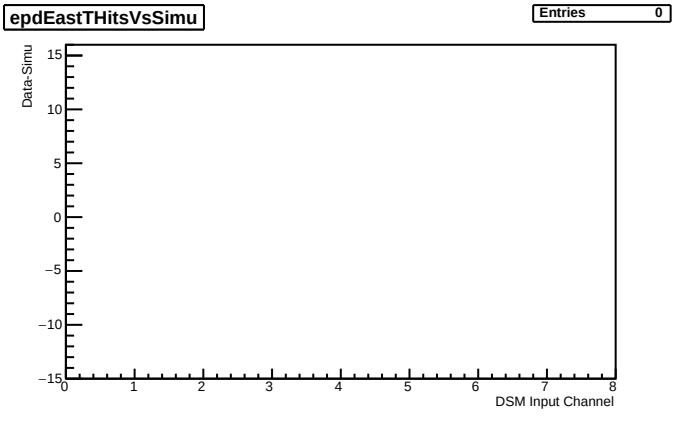

bbcSmallWestTacMax
Entries 1965

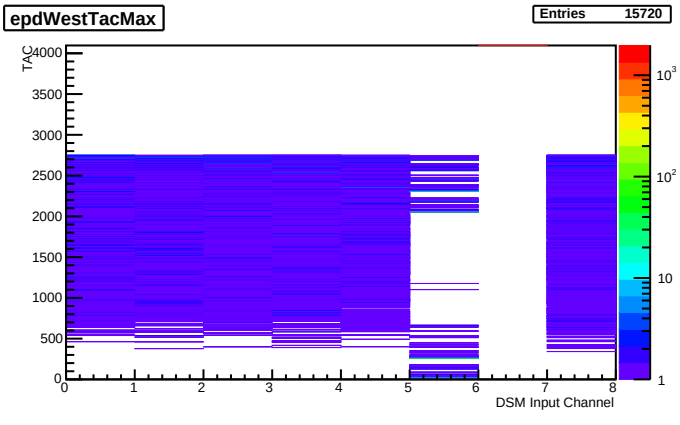

bbcSmallWestTacMaxVsSimu
Entries 1339
Data
Simu

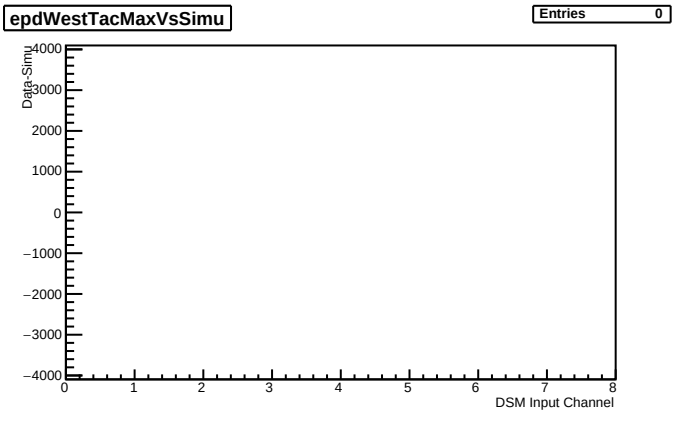

epdEastTacMax
Entries 15720
TAC
DSM Input Channel

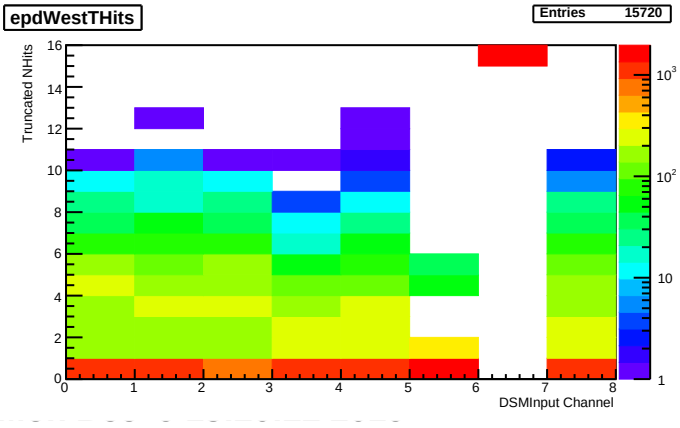

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

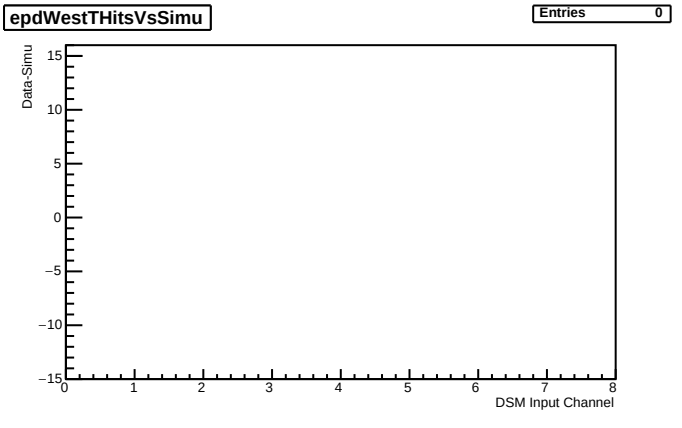

epdEastTHits
Entries 15720
Truncated NHits
DSMInput Channel

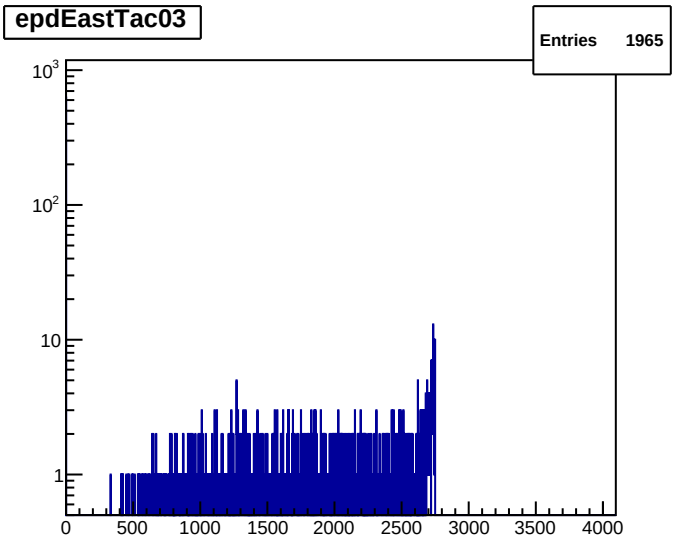

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

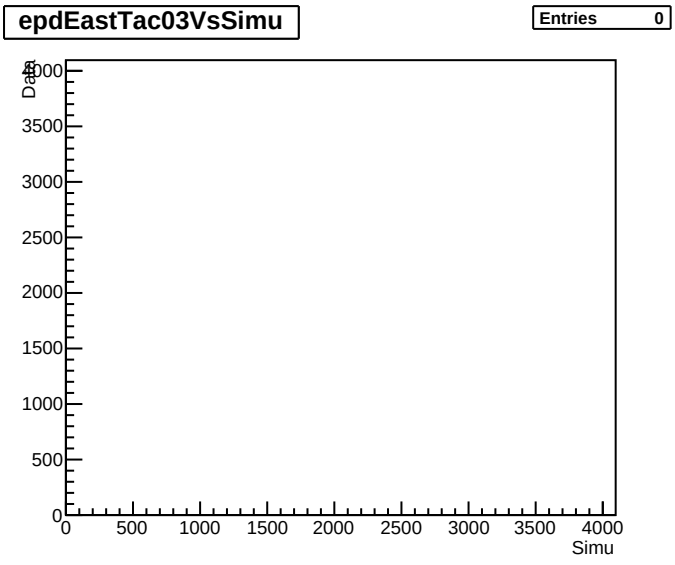

epdWestTacMax
Entries 15720
TAC
DSM Input Channel

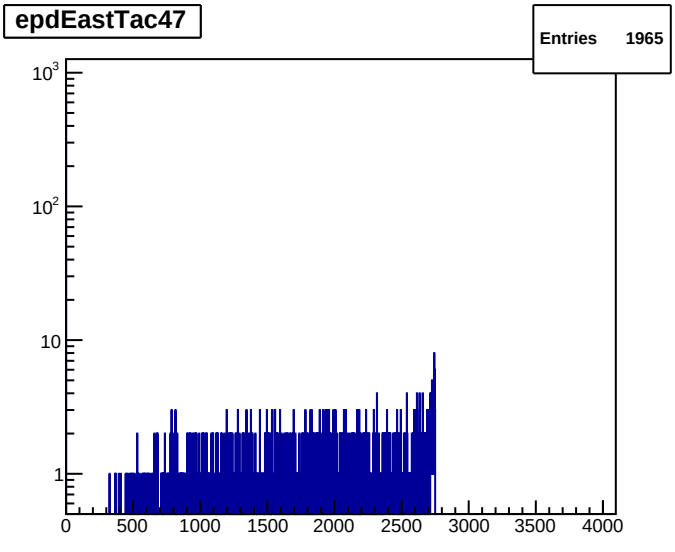

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

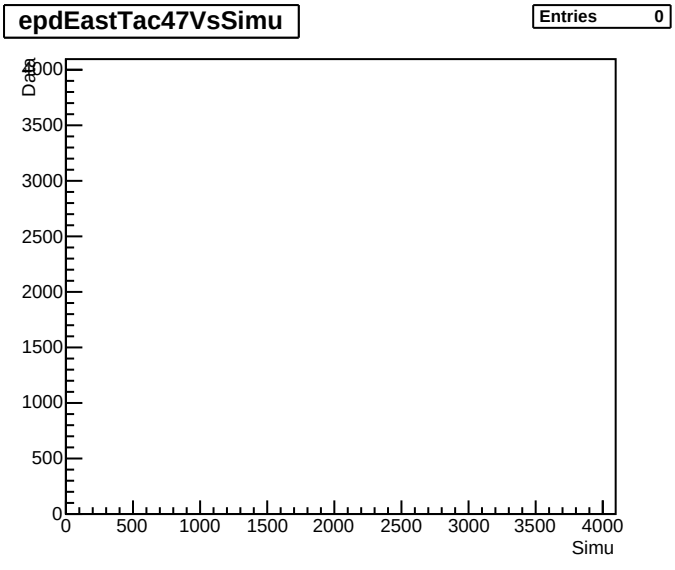

epdWestTHits
Entries 15720
Truncated NHits
DSMInput Channel

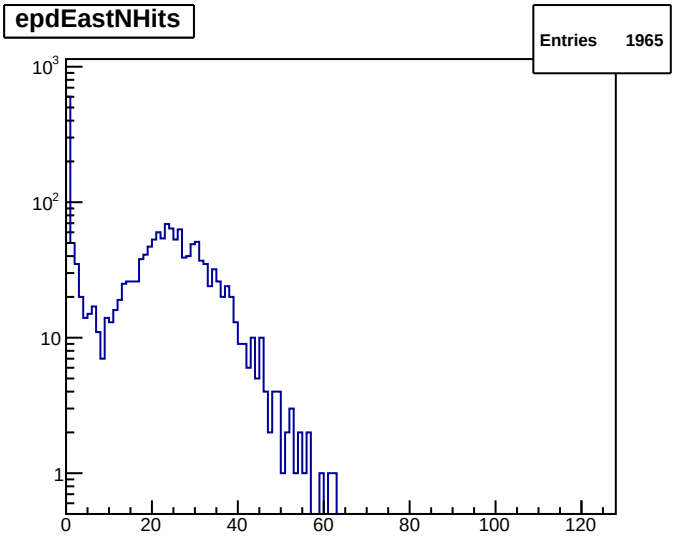

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

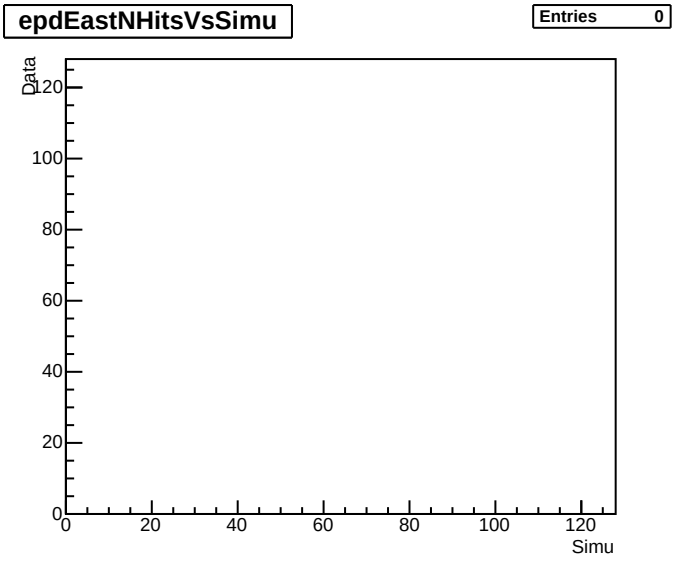

epdEastTac03
Entries 1965

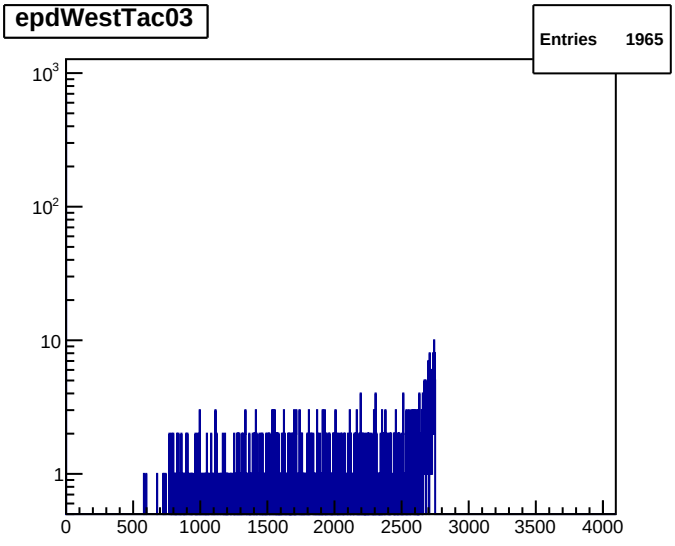

epdEastTac03VsSimu
Entries 0
Data
Simu

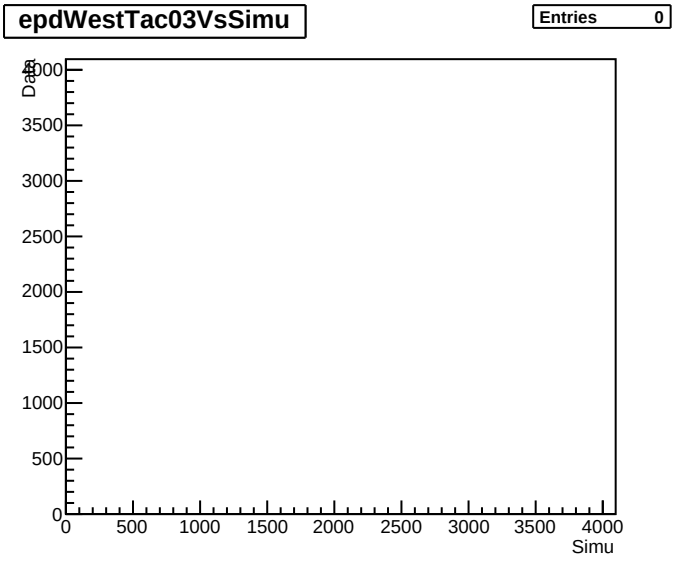

epdEastTac47
Entries 1965

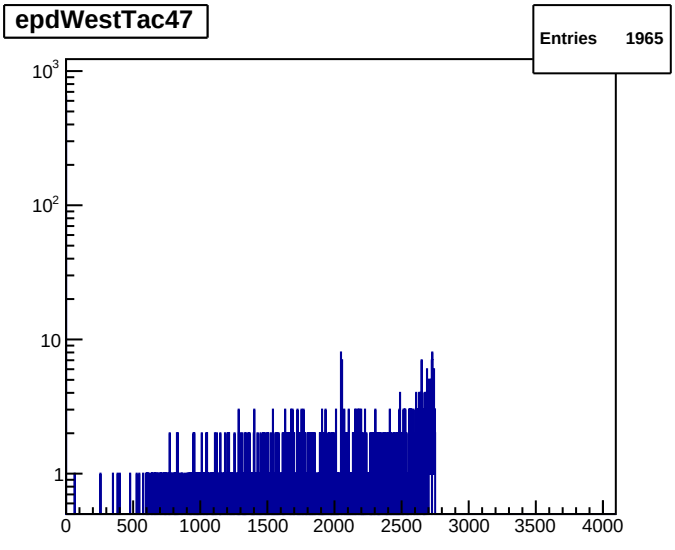

epdEastTac47VsSimu
Entries 0
Data
Simu

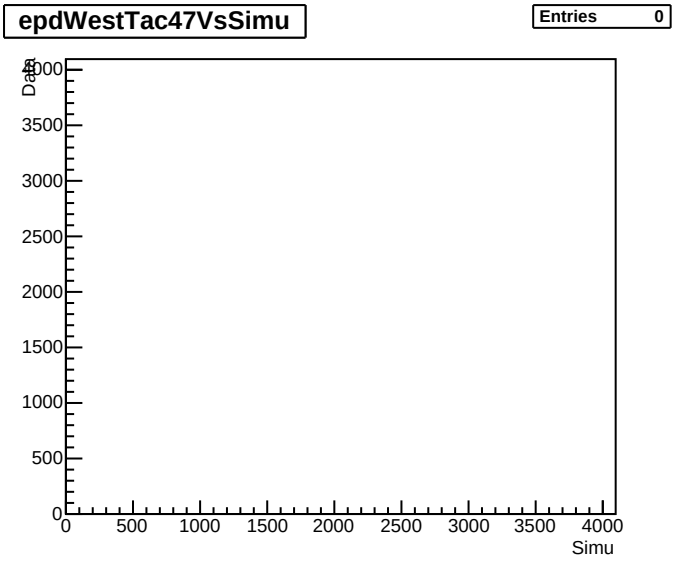

epdEastNHits
Entries 1965

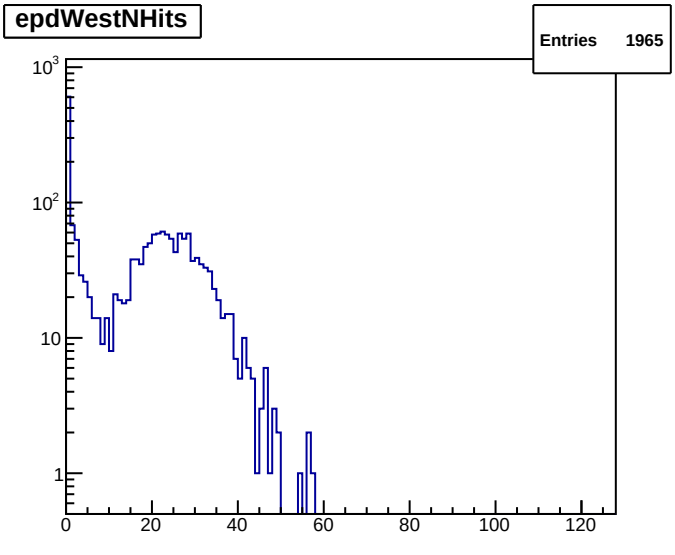

epdEastNHitsVsSimu
Entries 0
Data
Simu

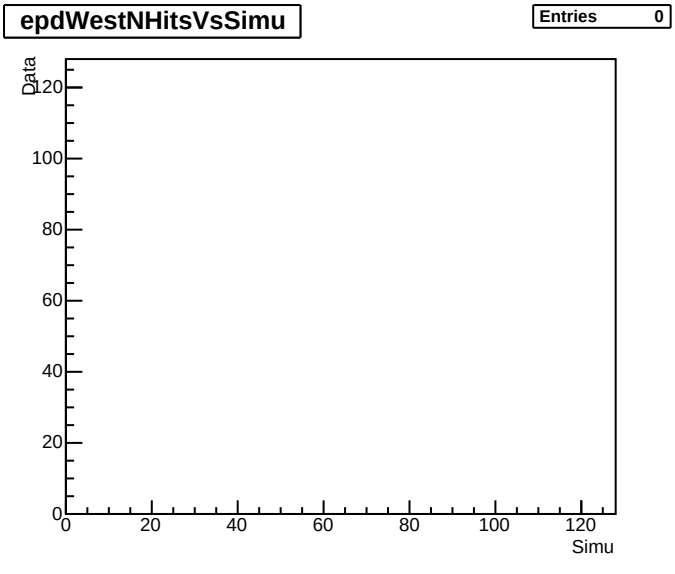

epdWestTac03
Entries 1965

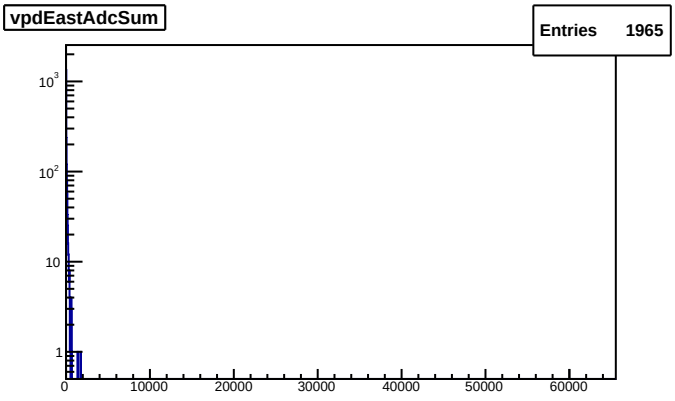

epdWestTac03VsSimu
Entries 0
Data
Simu

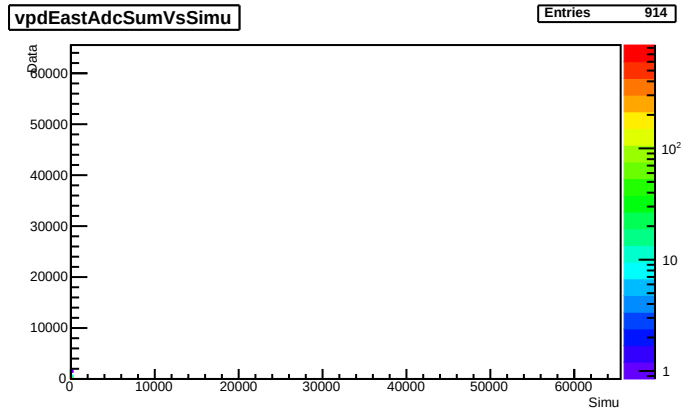

epdWestTac47
Entries 1965

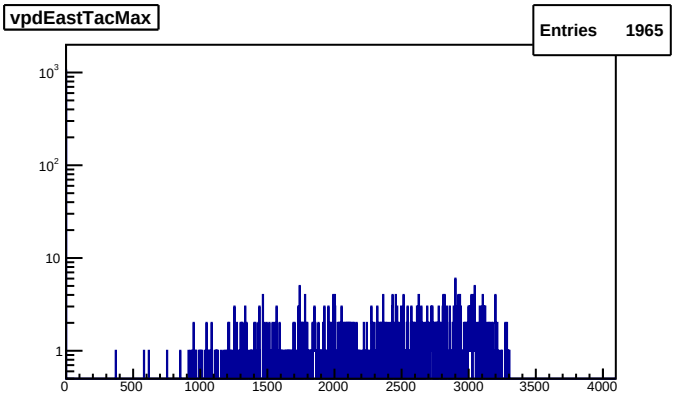

epdWestTac47VsSimu
Entries 0
Data
Simu

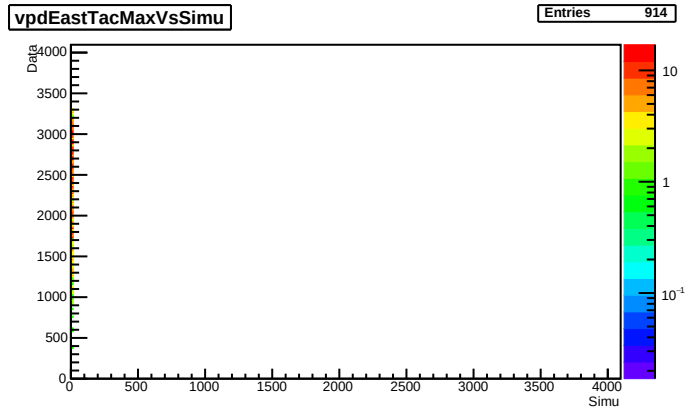

epdWestNHits
Entries 1965

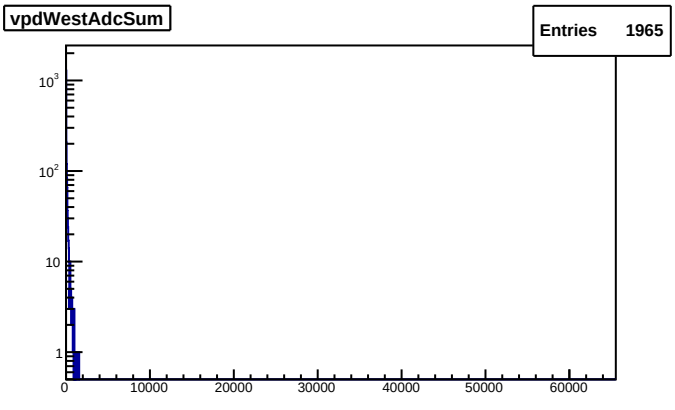

epdWestNHitsVsSimu
Entries 0
Data
Simu

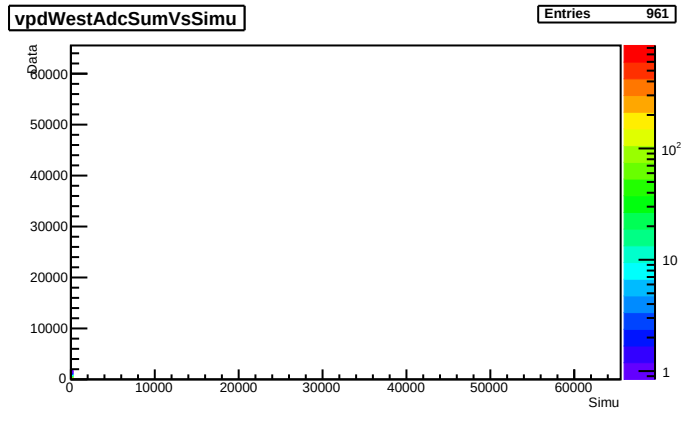

vpdEastAdcSum
Entries 1965

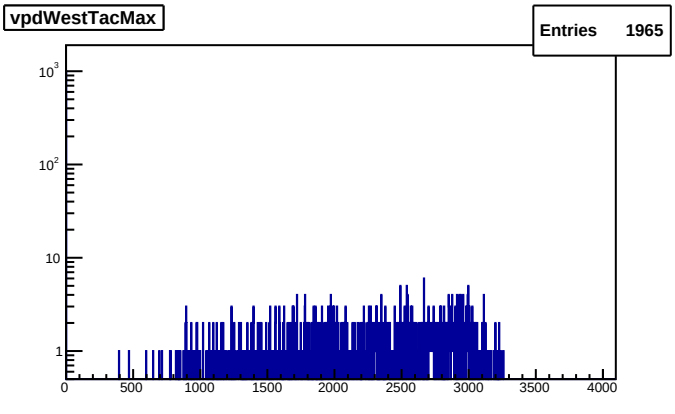

vpdEastAdcSumVsSimu
Entries 914
Data
Simu

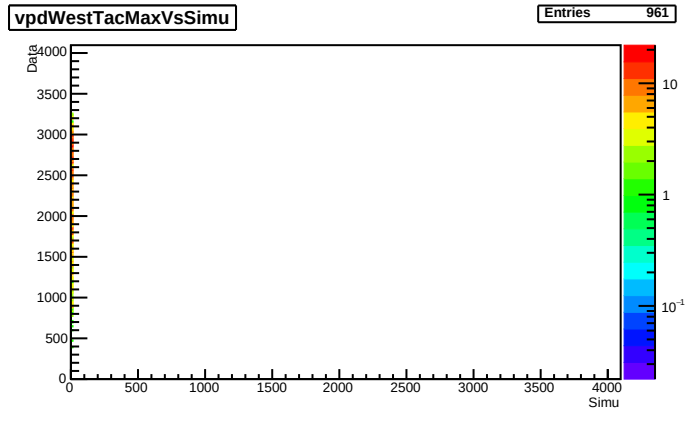

vpdEastTacMax
Entries 1965

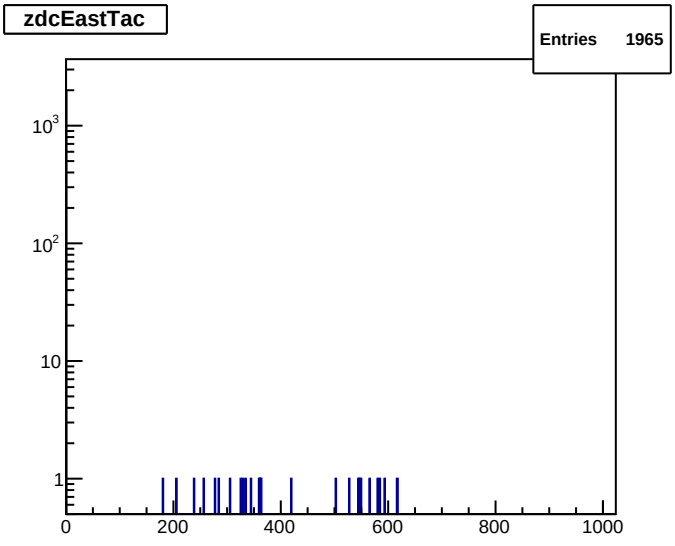

vpdEastTacMaxVsSimu
Entries 914
Data
Simu

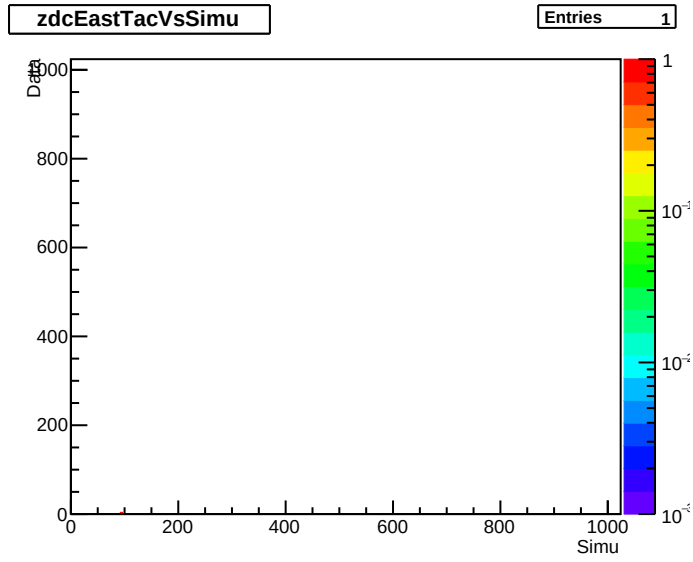

vpdWestAdcSum
Entries 1965

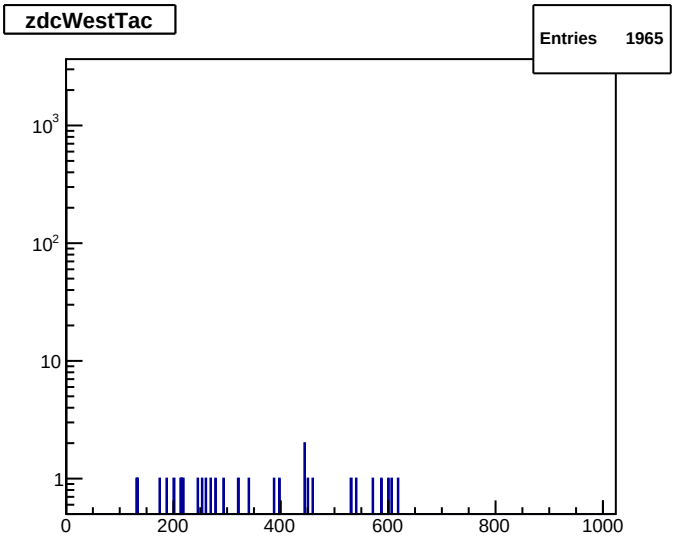

vpdWestAdcSumVsSimu
Entries 961
Data
Simu

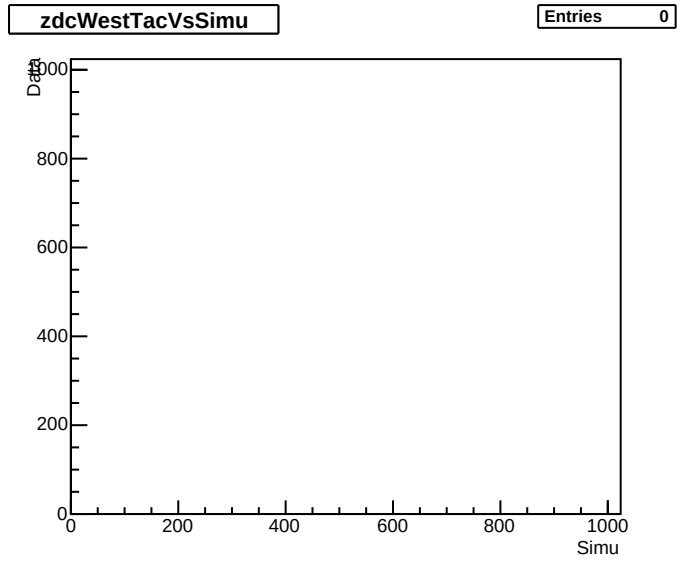

vpdWestTacMax
Entries 1965

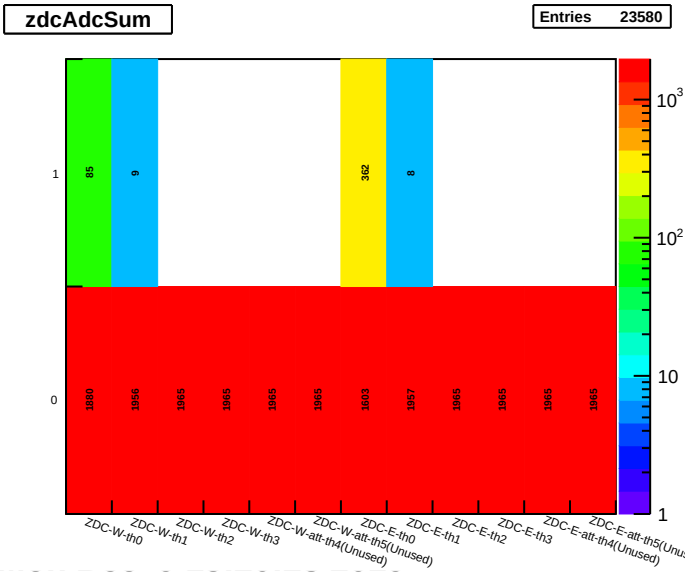

vpdWestTacMaxVsSimu
Entries 961
Data
Simu

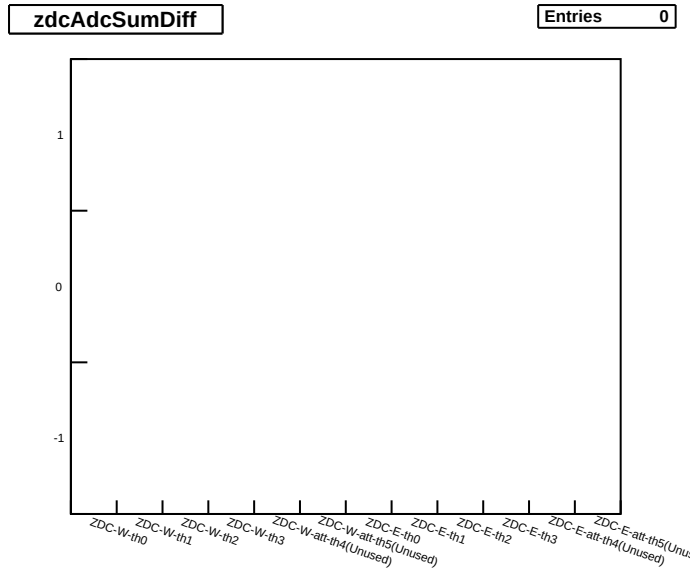

zdcEastTac
Entries 1965

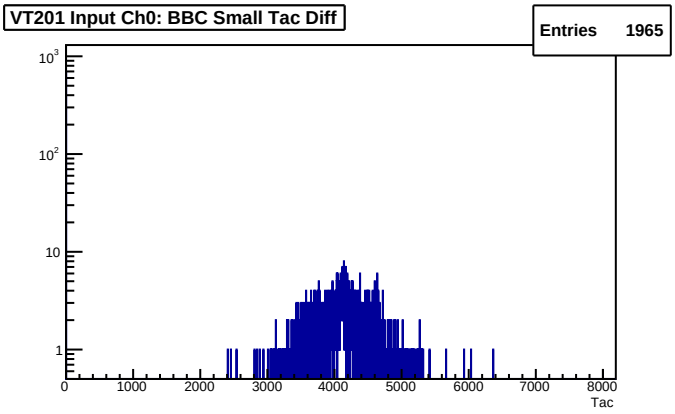

zdcEastTacVsSimu
Entries 1
Data
Simu

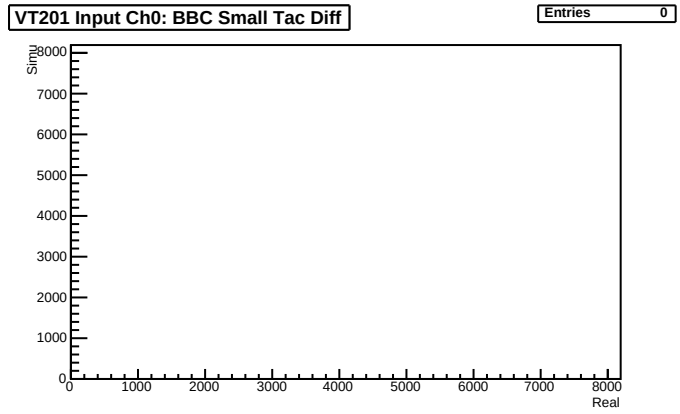

zdcWestTac
Entries 1965

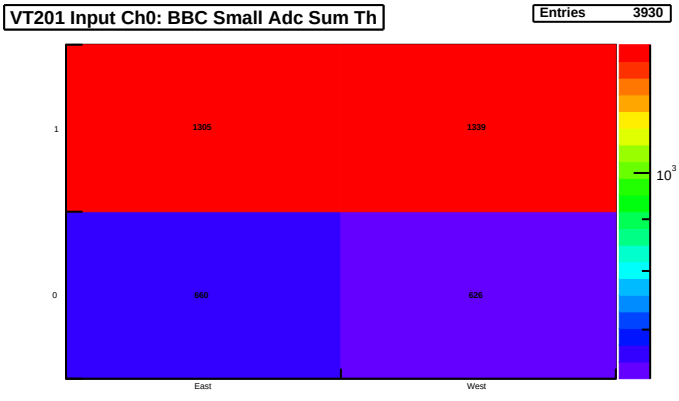

zdcWestTacVsSimu
Entries 0
Data
Simu

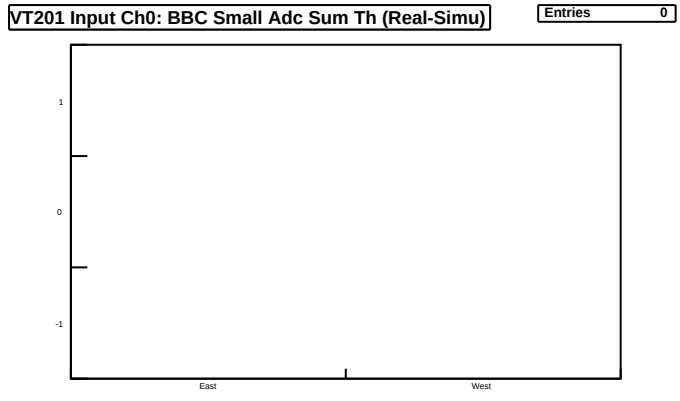

zdcAdcSum
Entries 23580
85
9
362
8
1880
1956
1965
1965
1965
1965
1603
1957
1965
1965
1965
1965
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

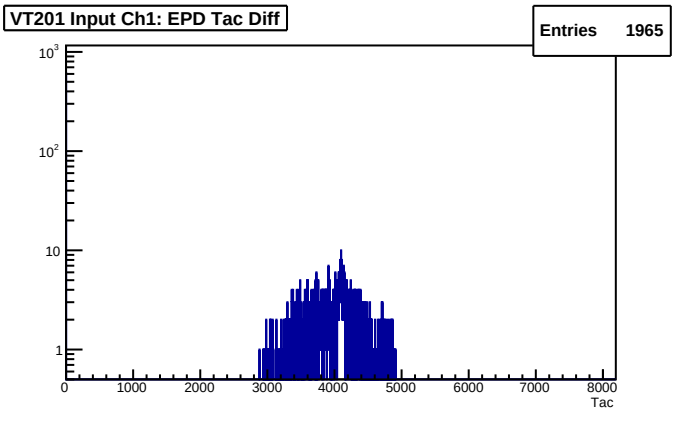

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

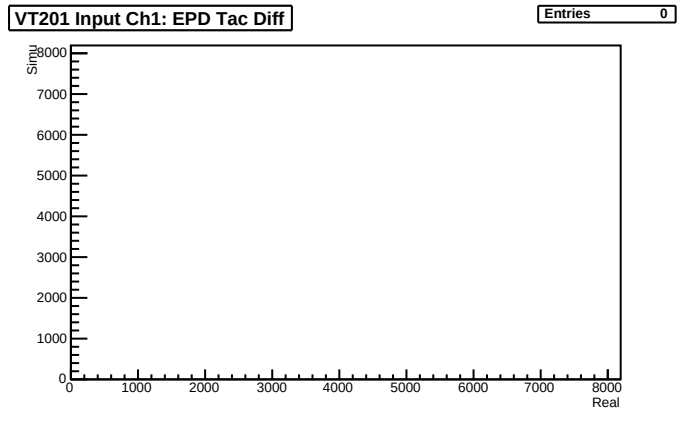

VT201 Input Ch0: BBC Small Tac Diff
Entries 1965
Tac

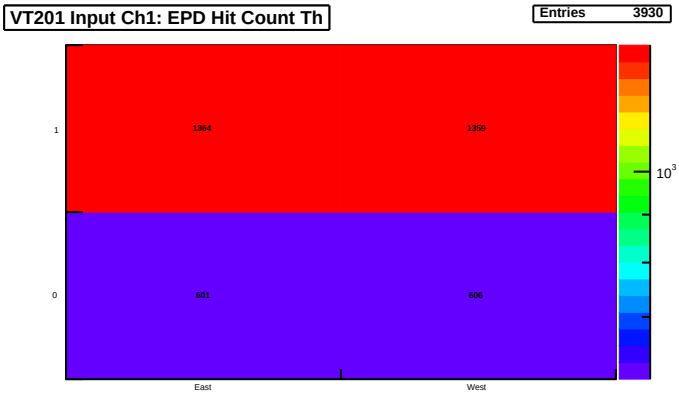

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

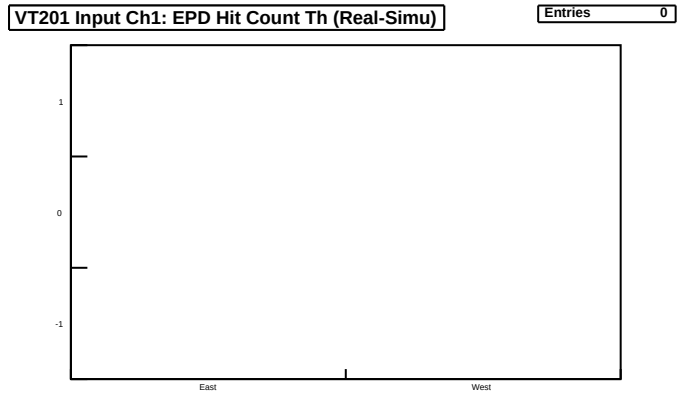

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3930
1305
1339
660
626
East
West

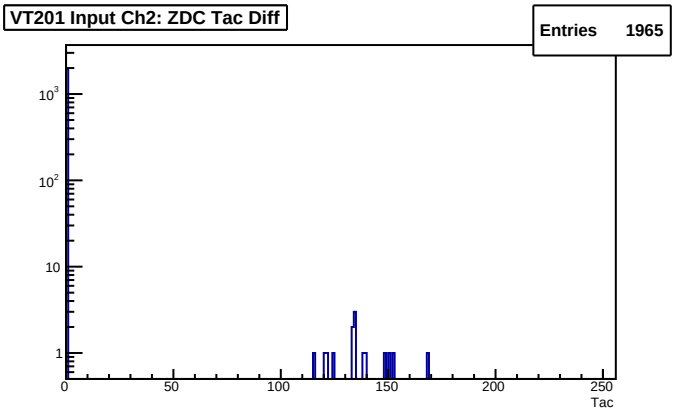

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

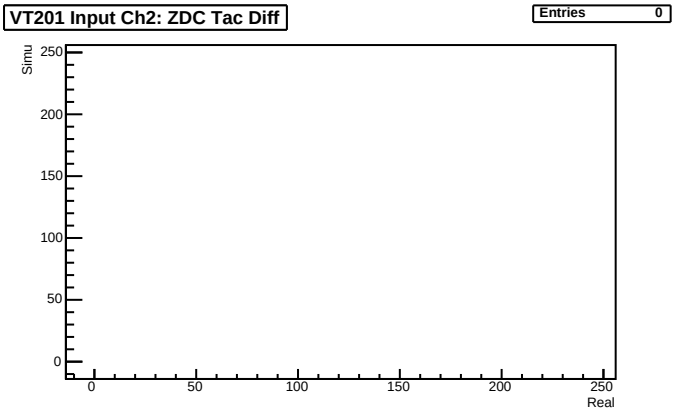

VT201 Input Ch1: EPD Tac Diff
Entries 1965
Tac

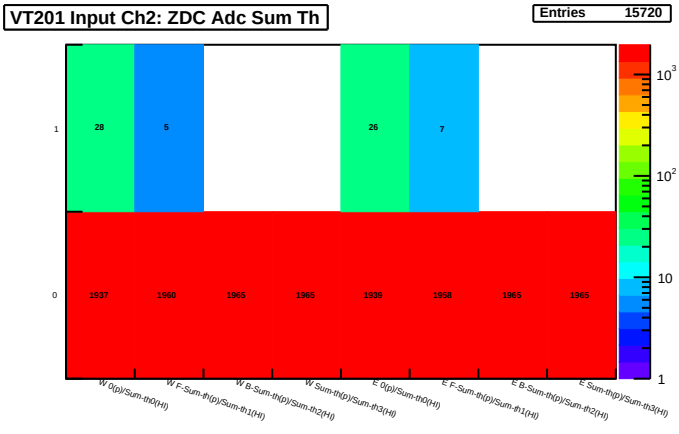

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

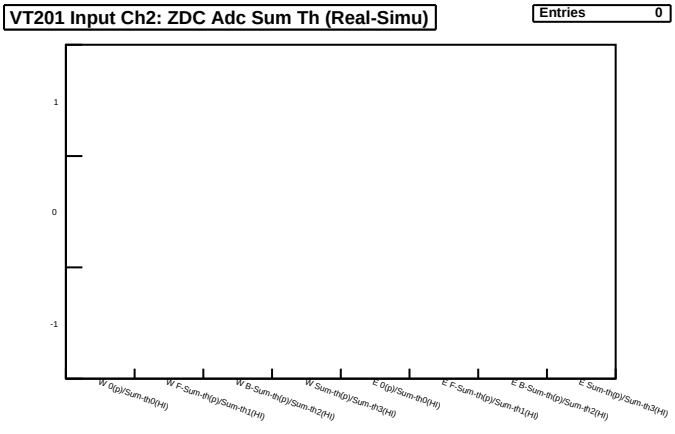

VT201 Input Ch1: EPD Hit Count Th
Entries 3930
1384
1359
601
606
East
West

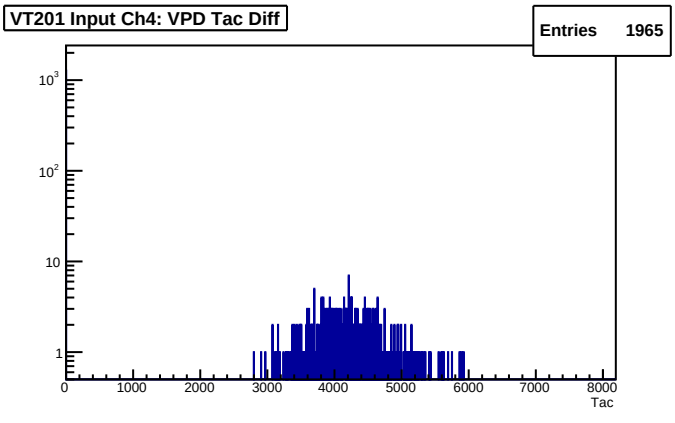

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

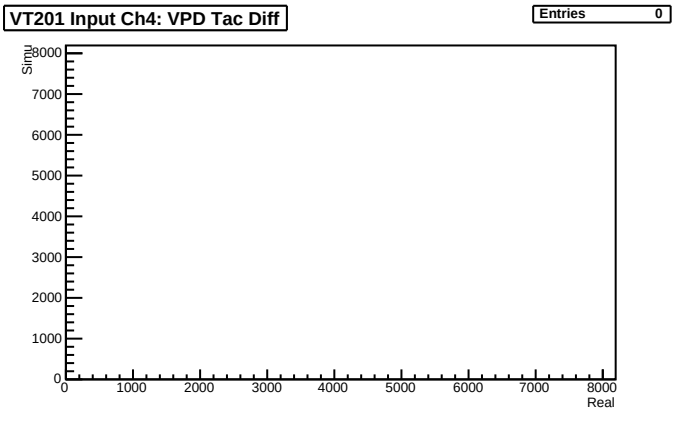

VT201 Input Ch2: ZDC Tac Diff
Entries 1965
Tac

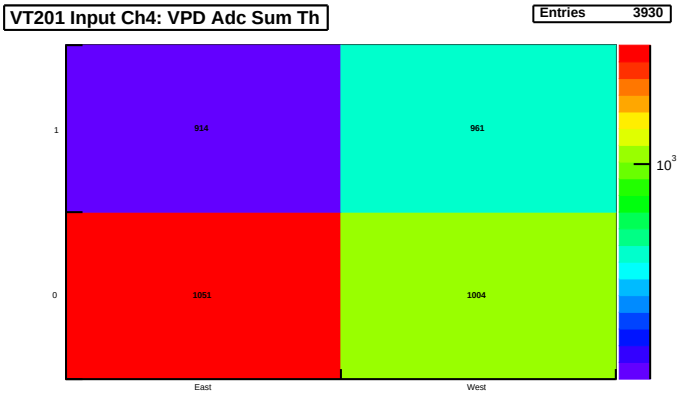

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

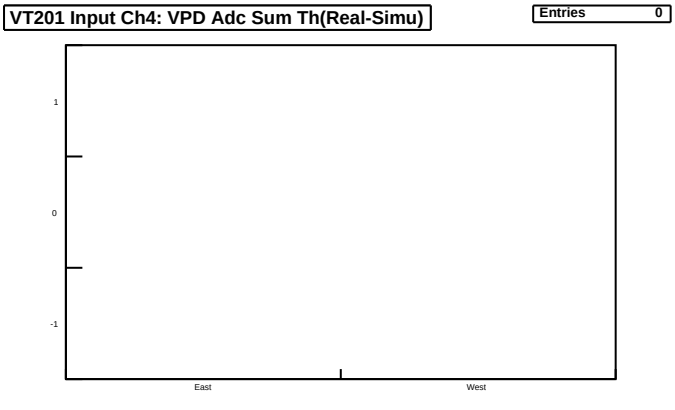

VT201 Input Ch2: ZDC Adc Sum Th
Entries 15720
28
5
26
7
1937
1960
1965
1965
1939
1958
1965
1965
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

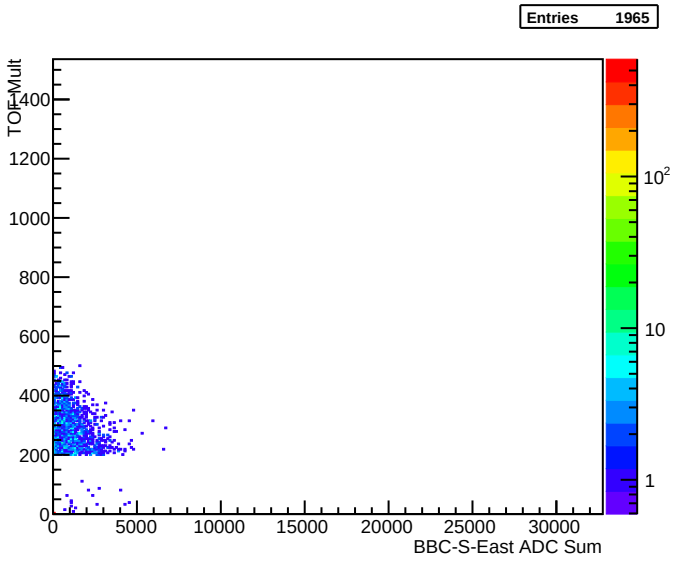

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

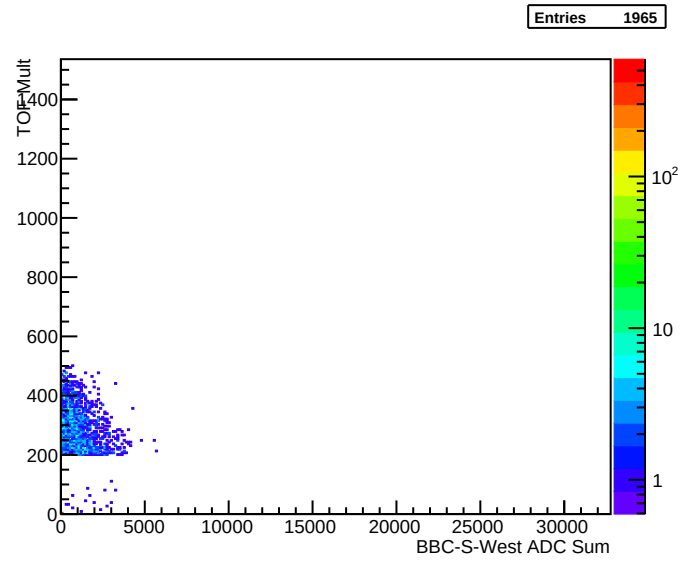

VT201 Input Ch4: VPD Tac Diff
Entries 1965
Tac

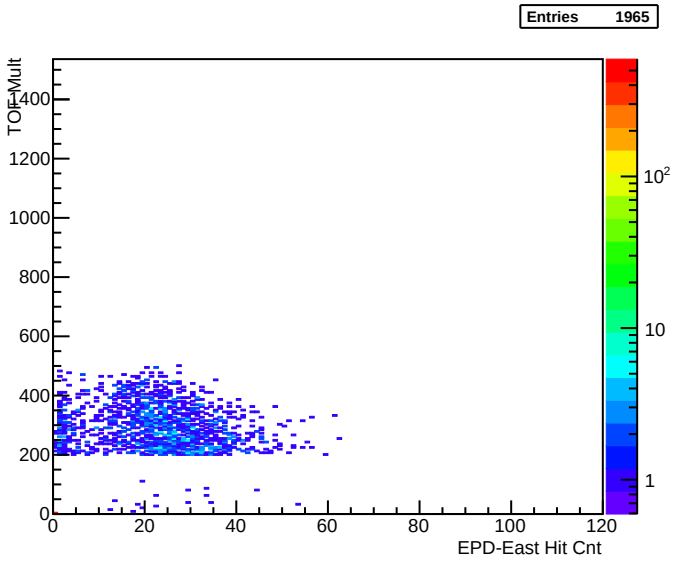

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

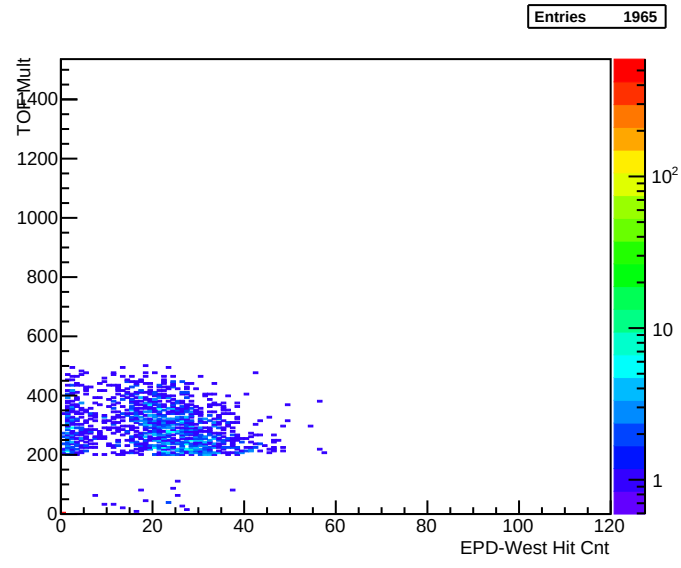

VT201 Input Ch4: VPD Adc Sum Th
Entries 3930
914
961
1051
1004
East
West

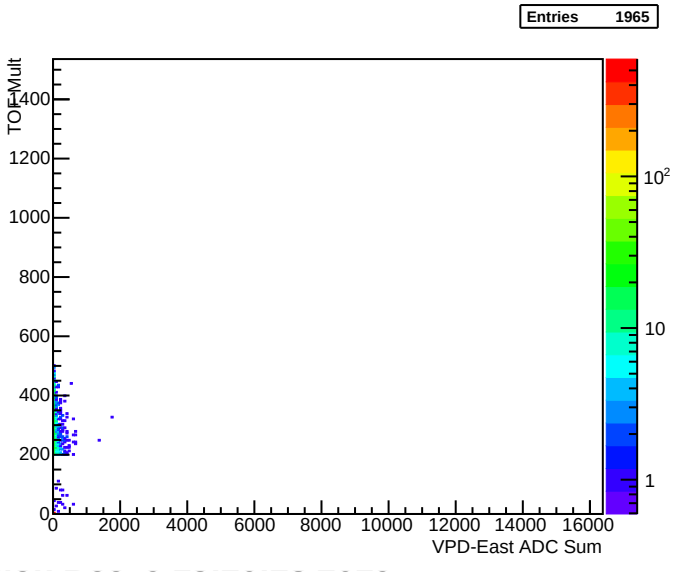

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

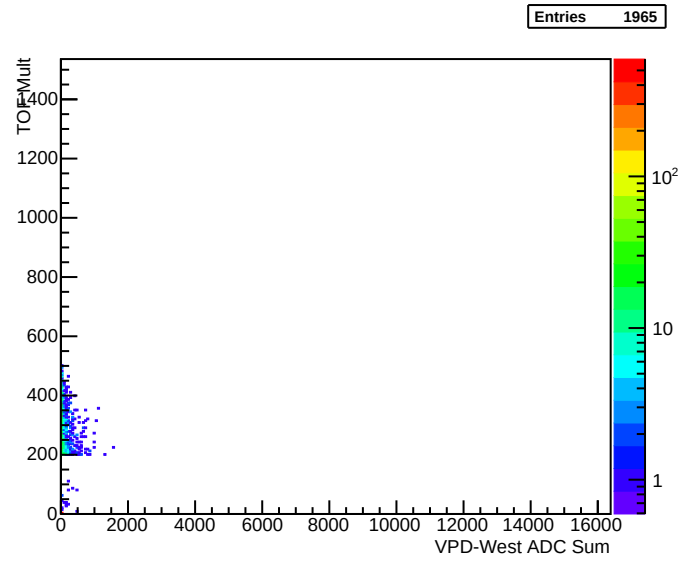

Entries 1965
TOF-Mult
BBC-S-East ADC Sum

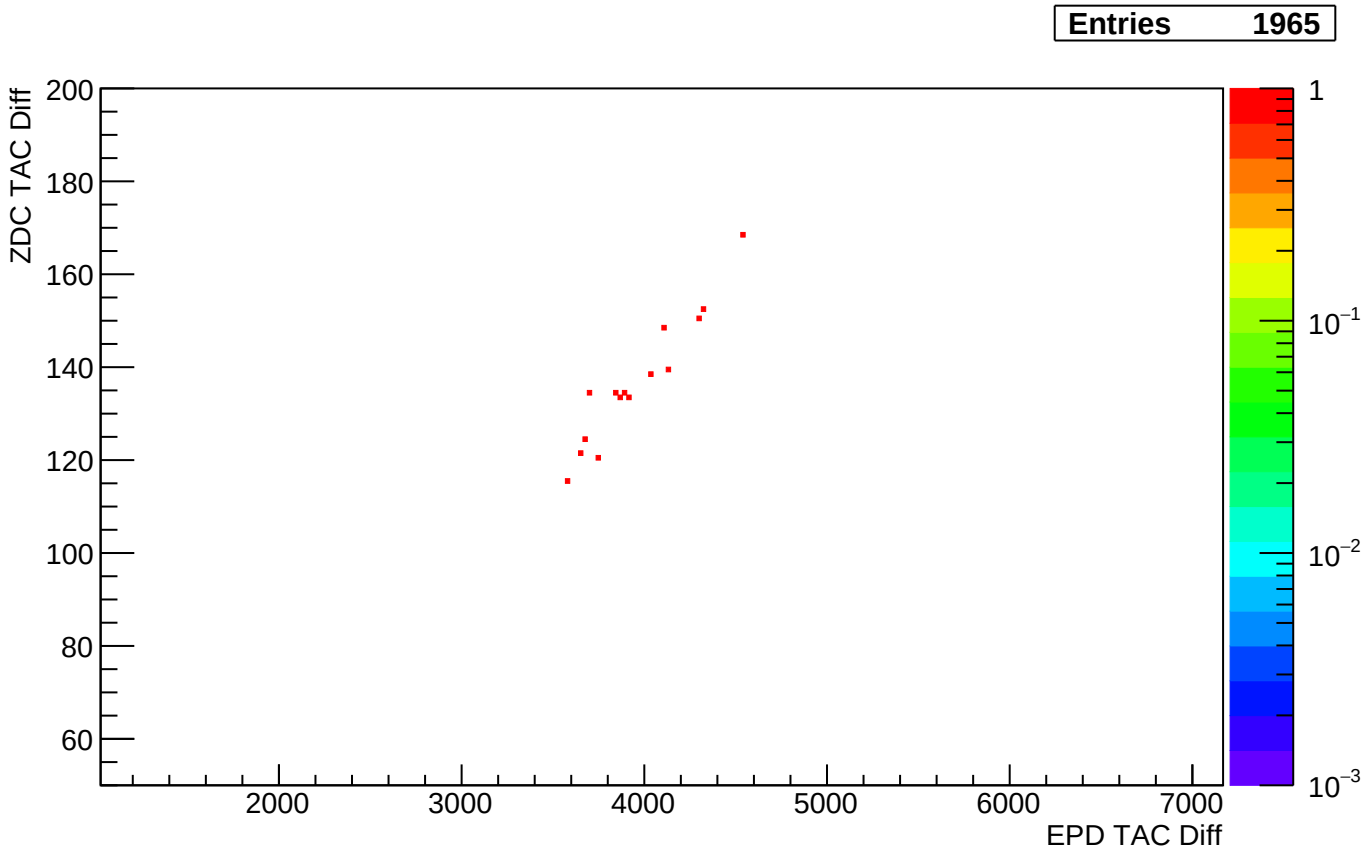

Entries 1965
TOF-Mult
BBC-S-West ADC Sum

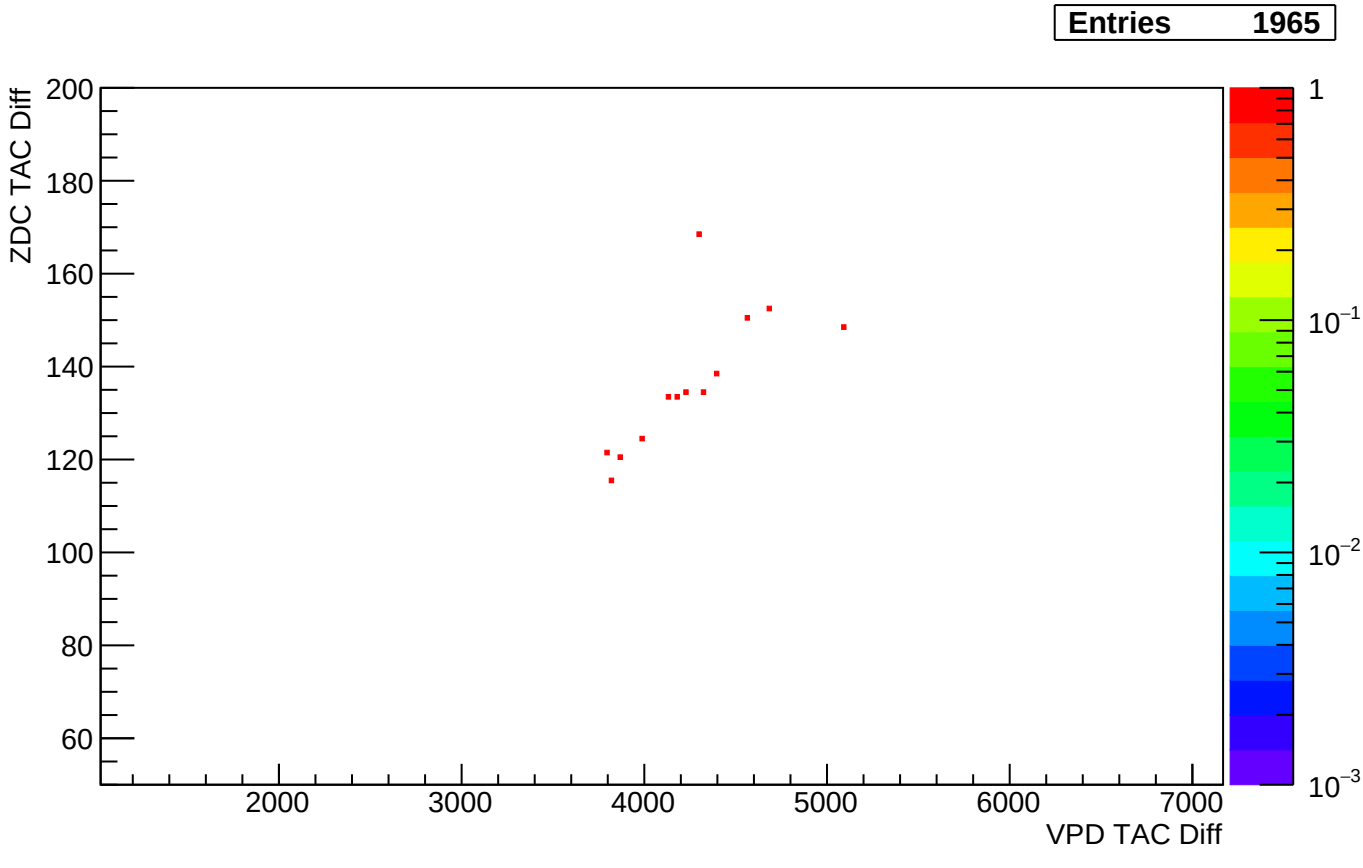

Entries 1965
TOF-Mult
EPD-East Hit Cnt

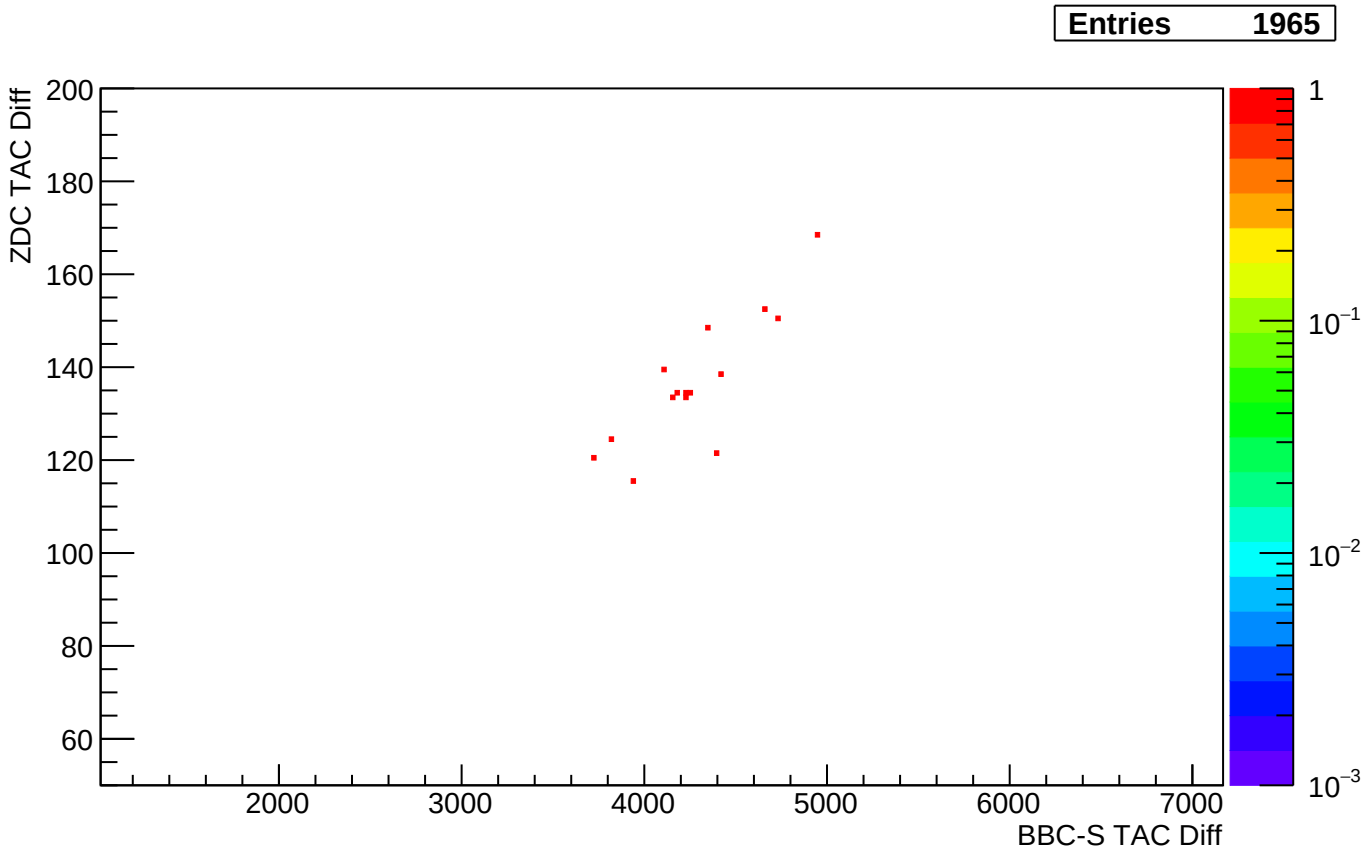

Entries 1965
TOF-Mult
EPD-West Hit Cnt

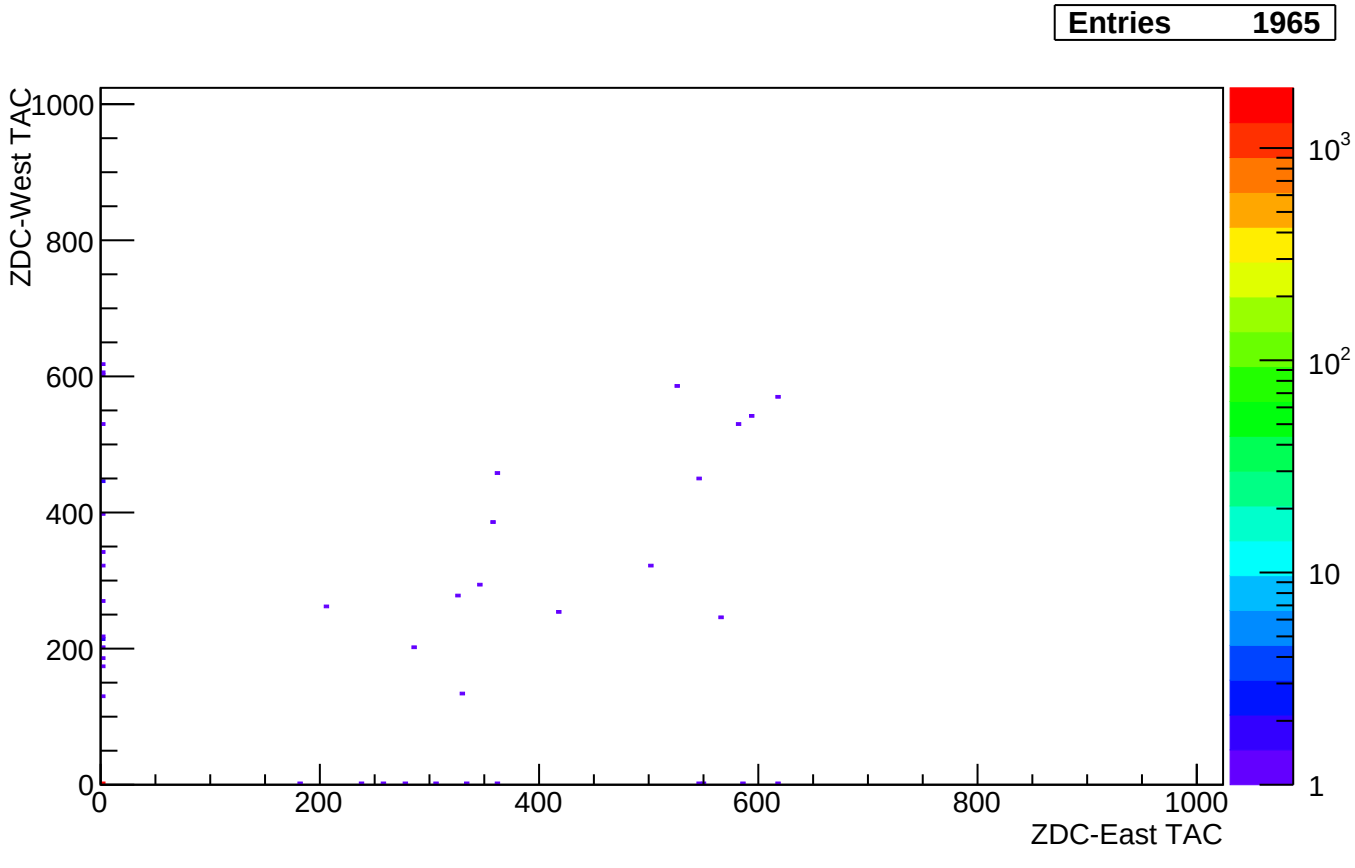

Entries 1965
TOF-Mult
VPD-East ADC Sum

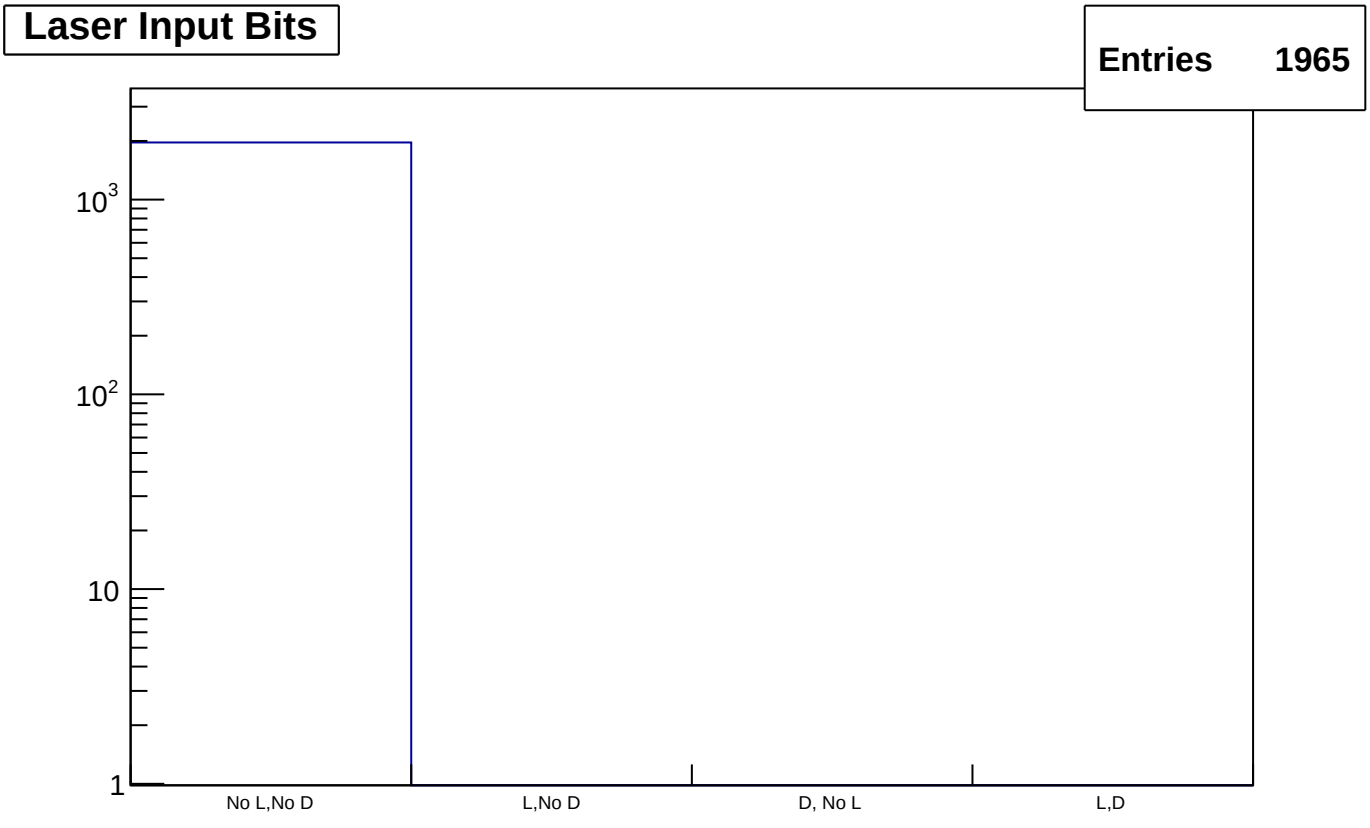

Entries 1965
TOF-Mult
VPD-West ADC Sum

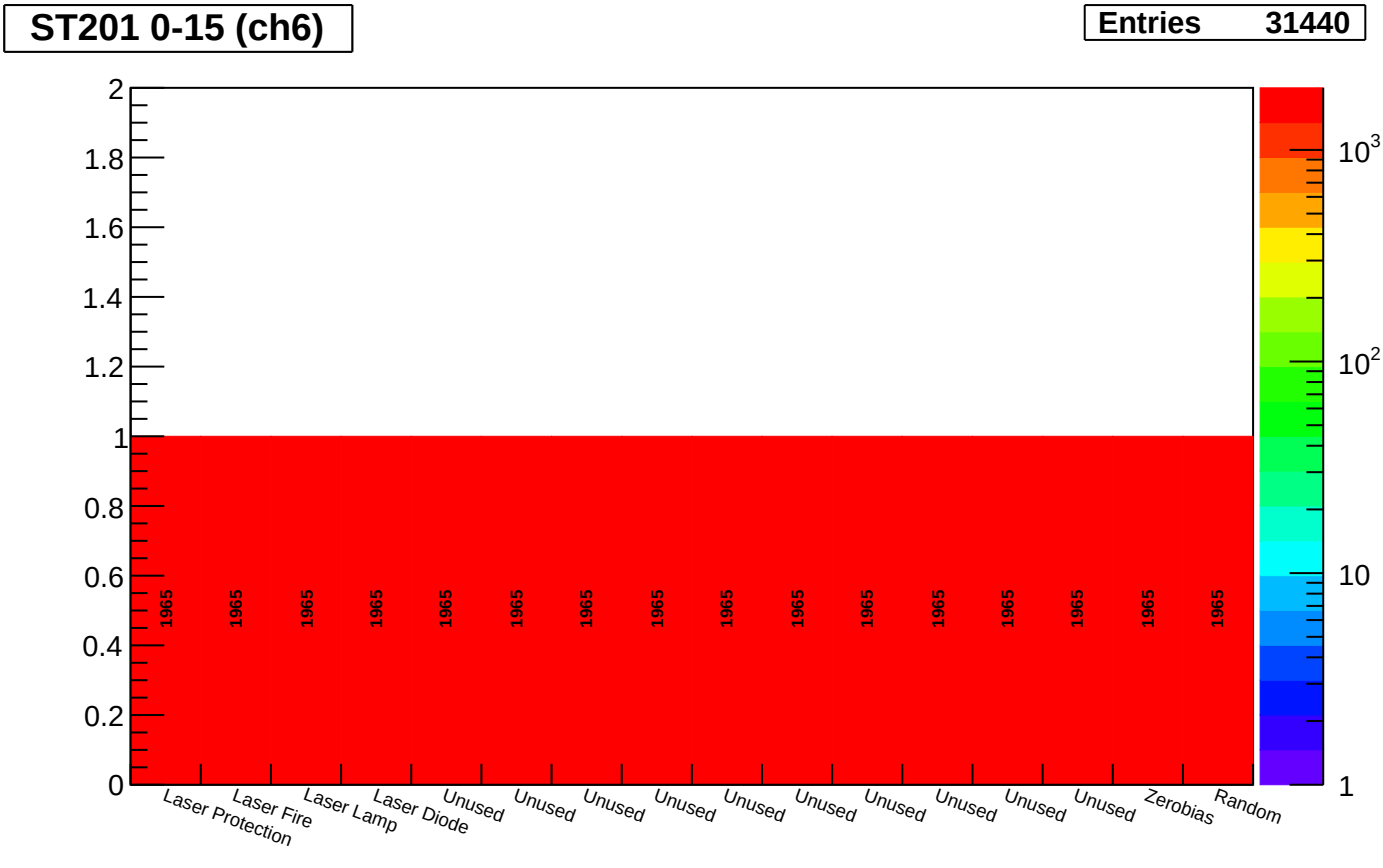

Entries 1965
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

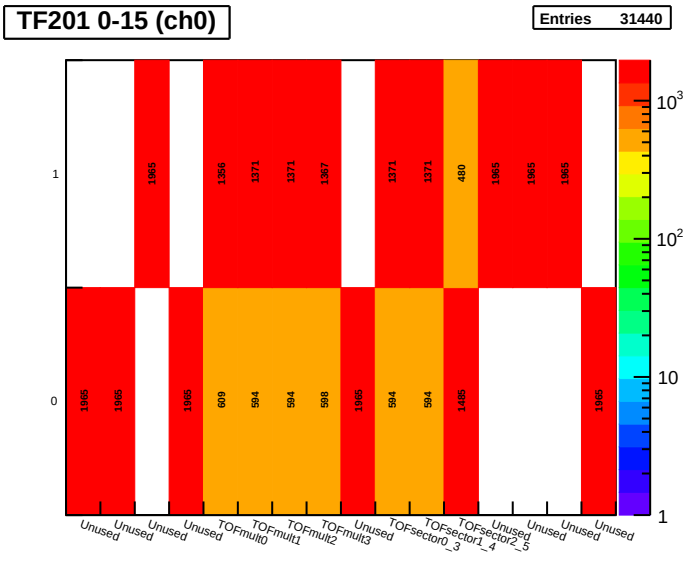

Entries 1965
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

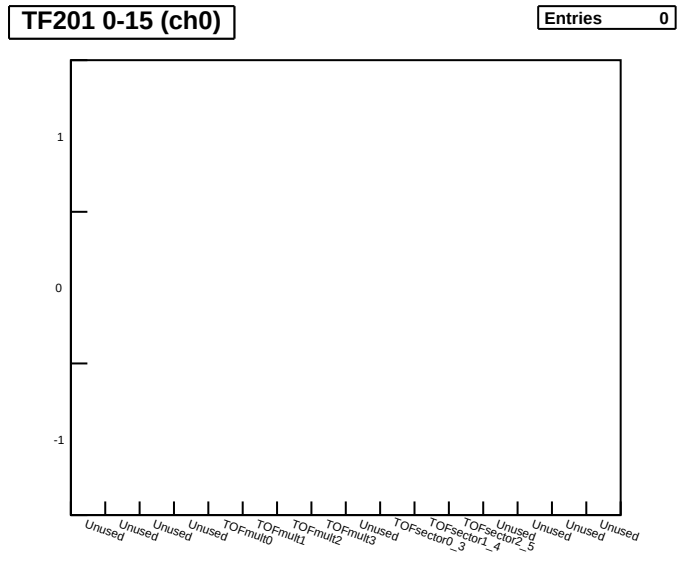

Entries 1965
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}

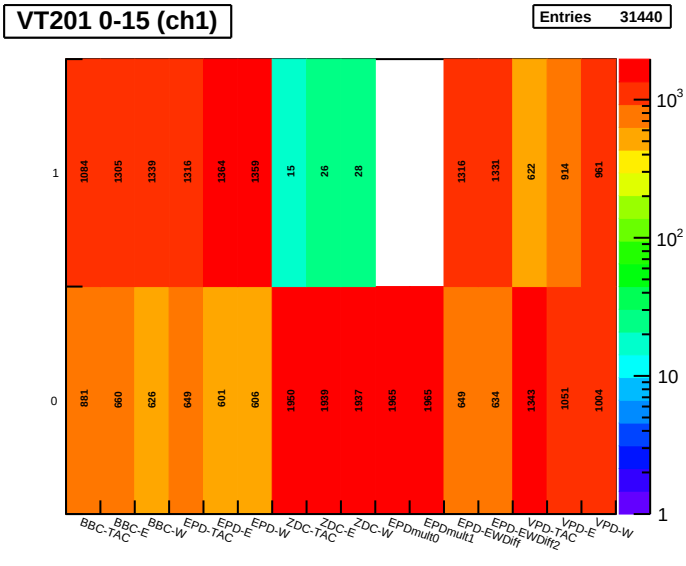

Entries 1965
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^3
10^2
10
1

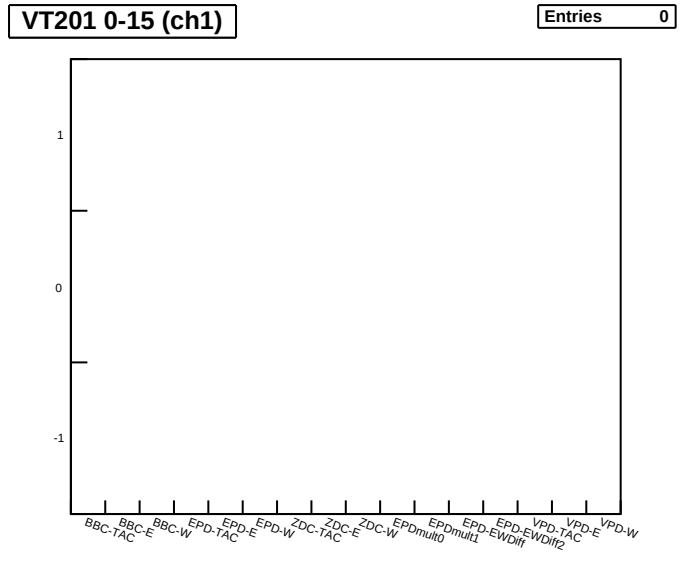

Laser Input Bits
Entries 1965
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

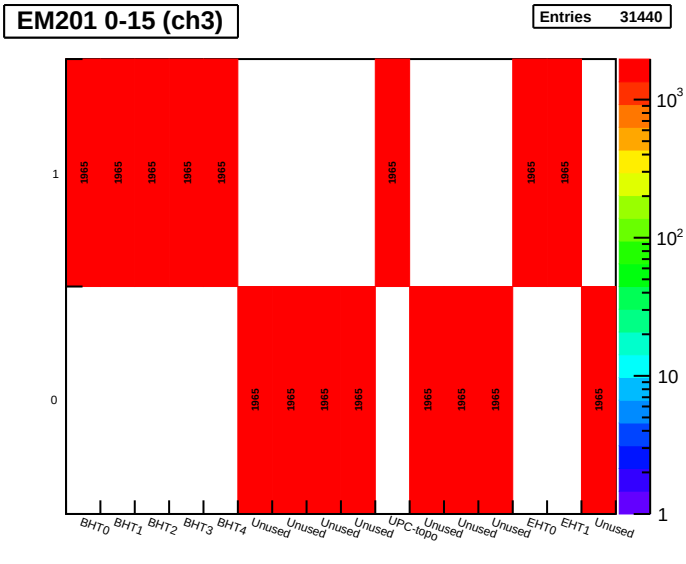

ST201 0-15 (ch6)
Entries 31440
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1965
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^3
10^2
10
1

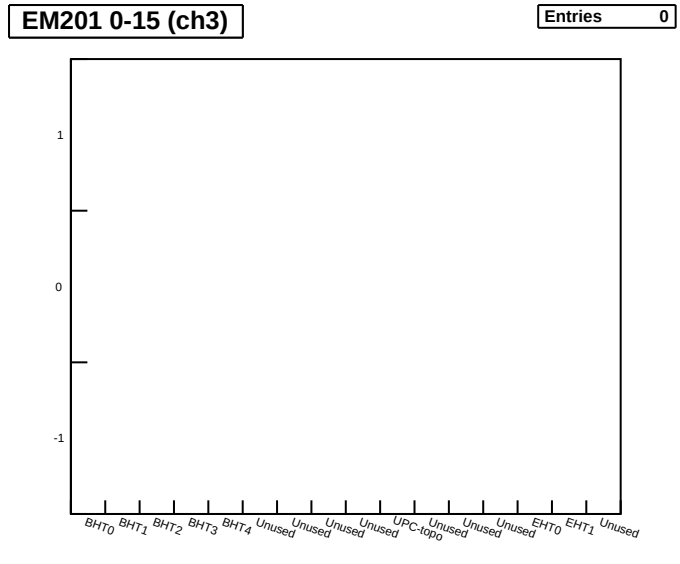

TF201 0-15 (ch0)
Entries 31440
1 1965 1356 1371 1371 1367 1371 1371 480 1965 1965 1965
0 1965 1965 1965 609 594 594 598 1965 594 594 1485 1965
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


VT201 0-15 (ch1)
Entries 31440
1 1084 1305 1339 1316 1364 1359 15 26 28 1316 1331 622 914 961
0 881 660 626 649 601 606 1950 1939 1937 1965 1965 649 634 1343 1051 1004
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
10^3
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 31440
1 1965 1965 1965 1965 1965 1965 1965 1965 1965
0 1965 1965 1965 1965 1965 1965 1965 1965
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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