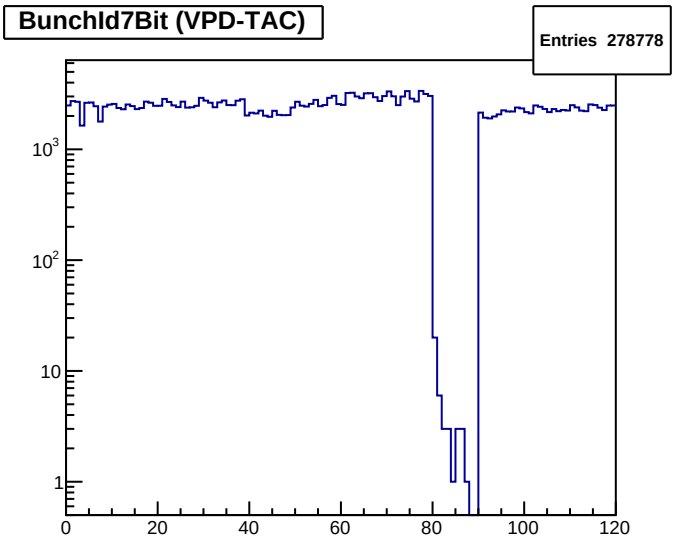
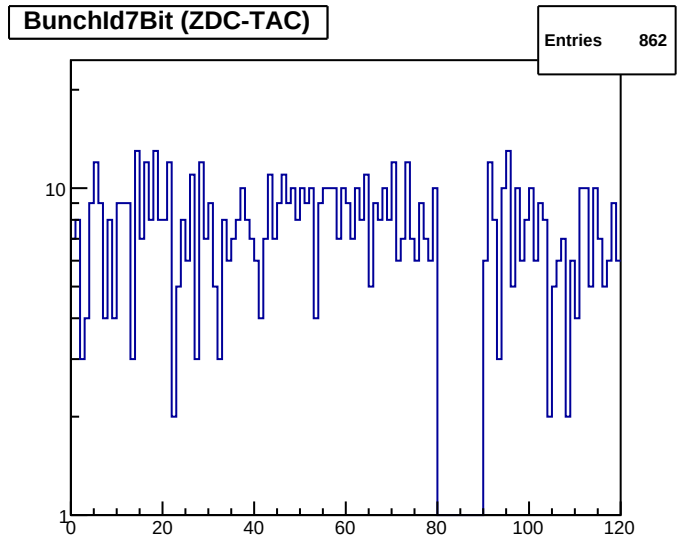
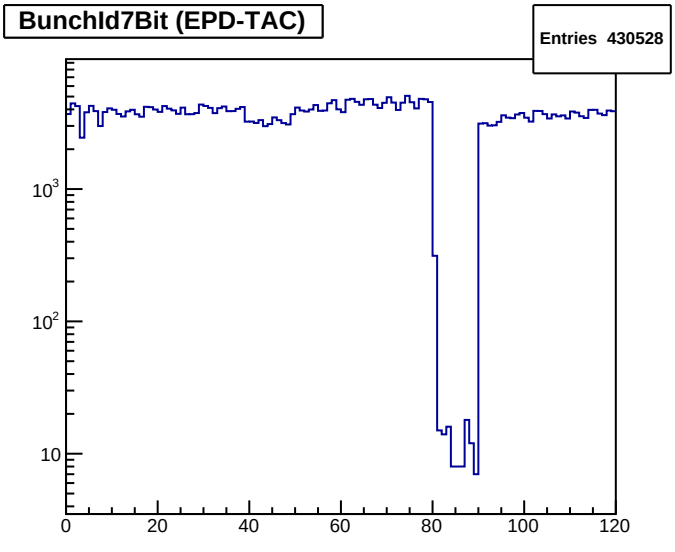
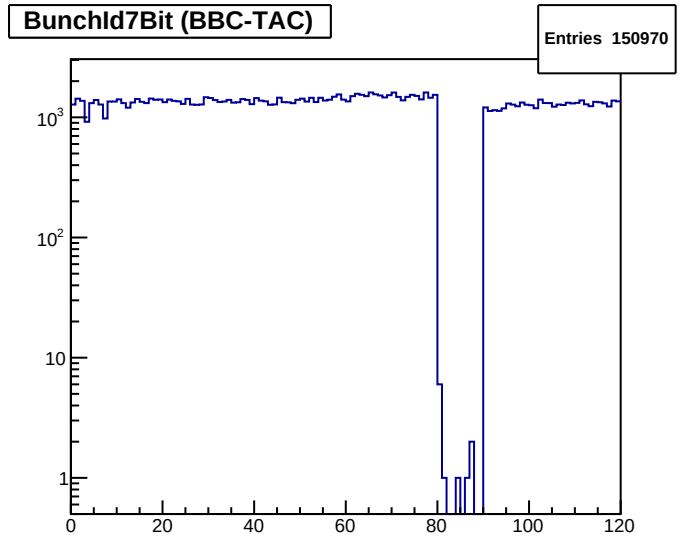
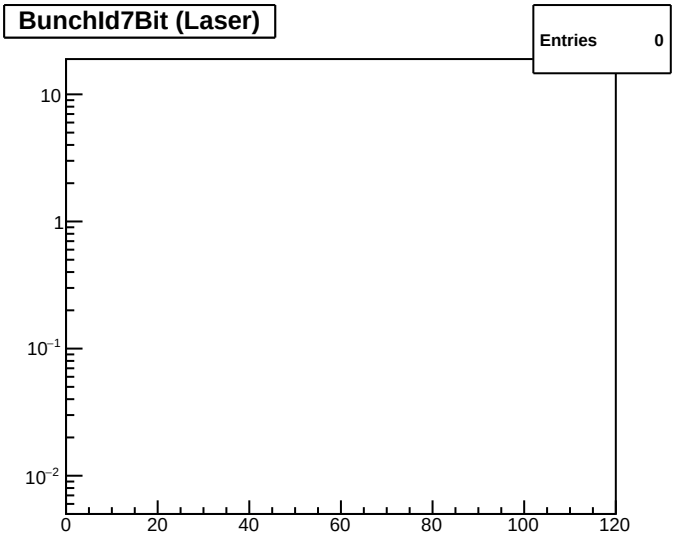
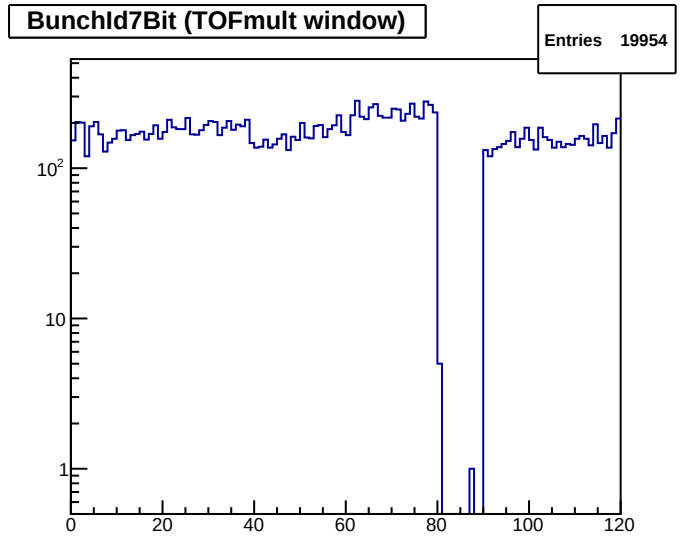

BunchId7Bit (VPD-TAC)
Entries 278778

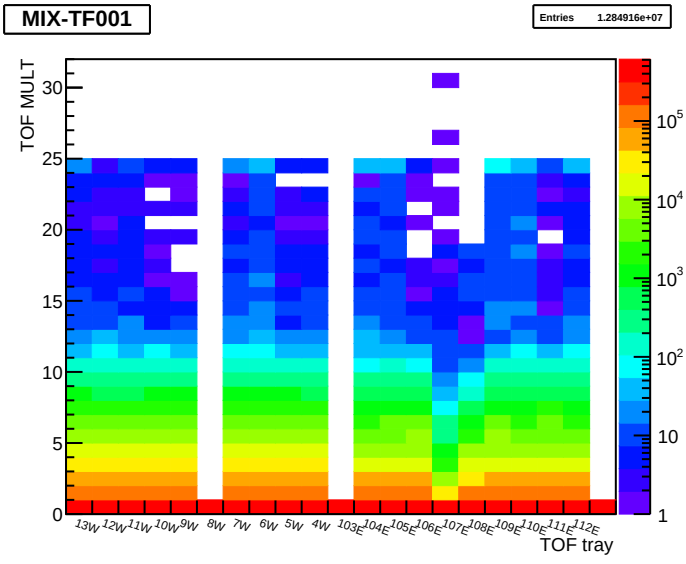

BunchId7Bit (ZDC-TAC)
Entries 862

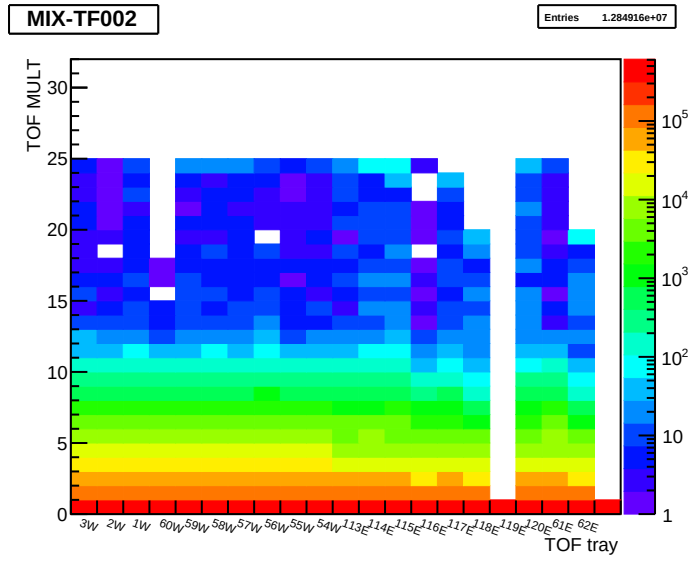

BunchId7Bit (EPD-TAC)
Entries 430528

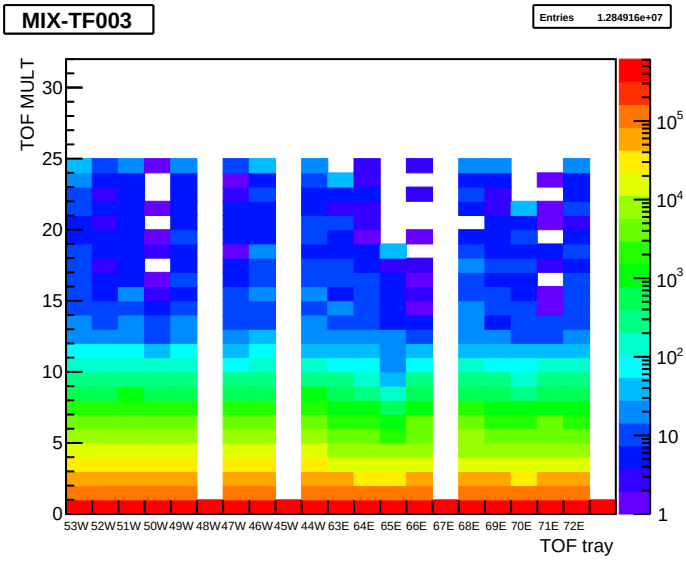

BunchId7Bit (BBC-TAC)
Entries 150970

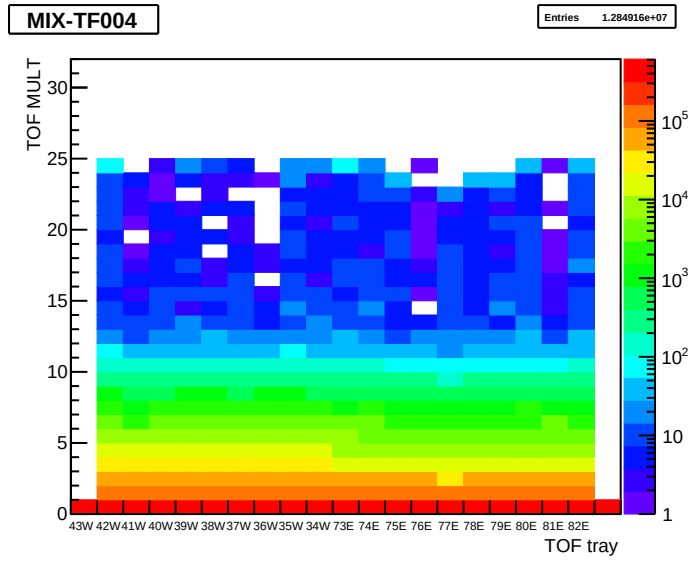

BunchId7Bit (Laser)
Entries 0

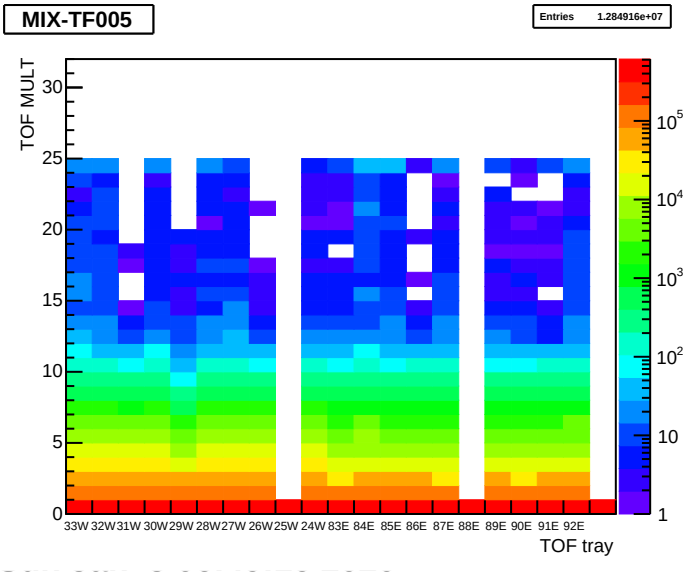

BunchId7Bit (TOFmult window)
Entries 19954

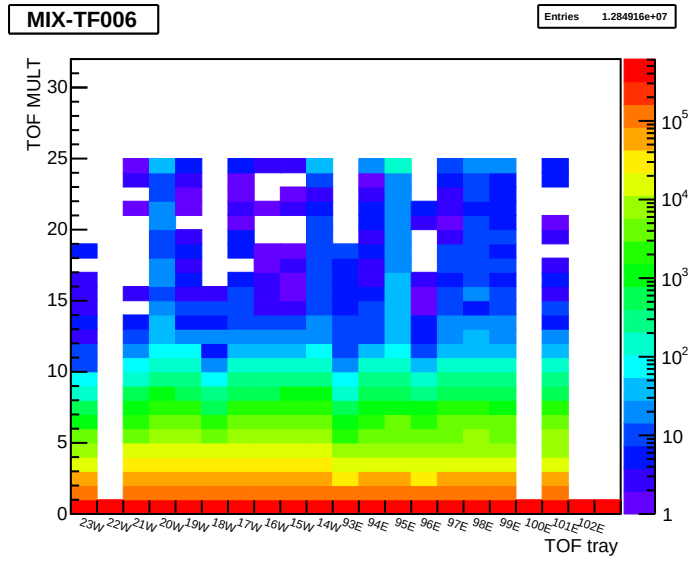

MIX-TF001
Entries 1.284916e+07
TOF MULT
TOF tray

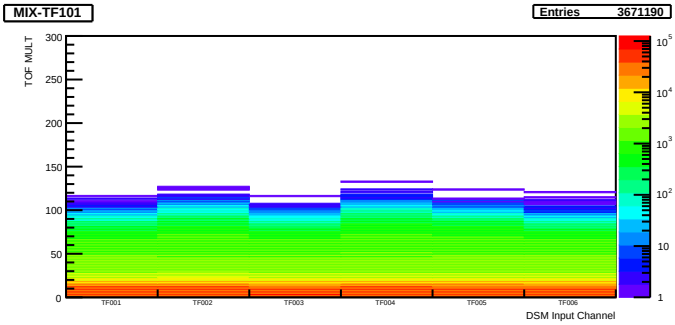

MIX-TF002
Entries 1.284916e+07
TOF MULT
TOF tray

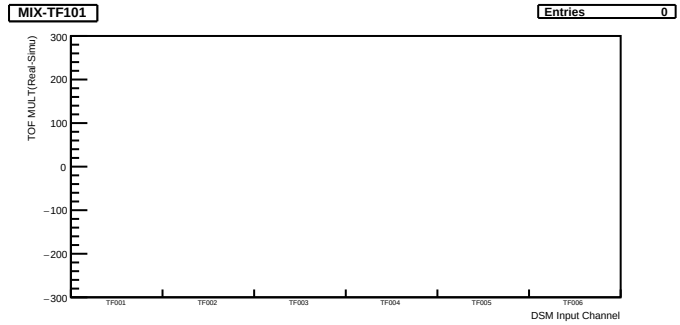

MIX-TF003
Entries 1.284916e+07
TOF MULT
TOF tray

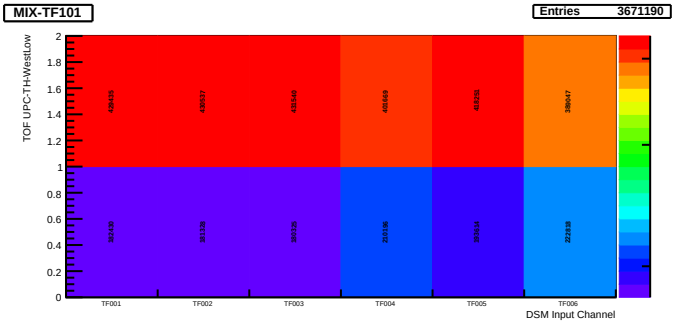

MIX-TF004
Entries 1.284916e+07
TOF MULT
TOF tray

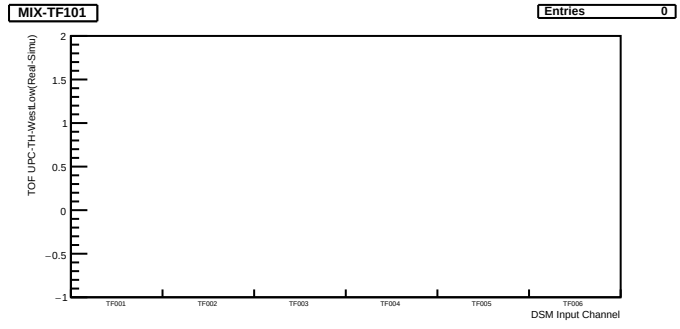

MIX-TF005
Entries 1.284916e+07
TOF MULT
TOF tray

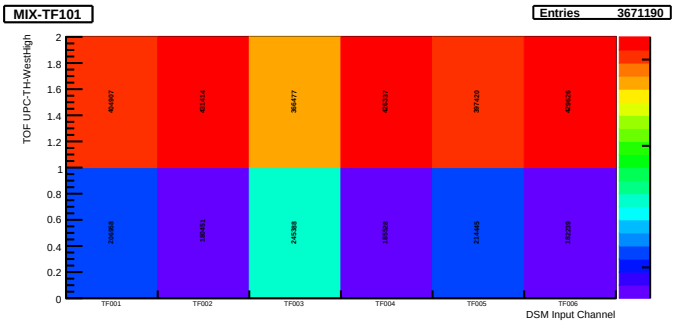

MIX-TF006
Entries 1.284916e+07
TOF MULT
TOF tray

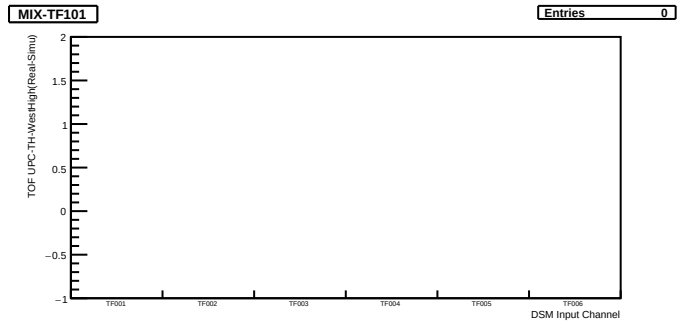

MIX-TF101
Entries 3671190
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

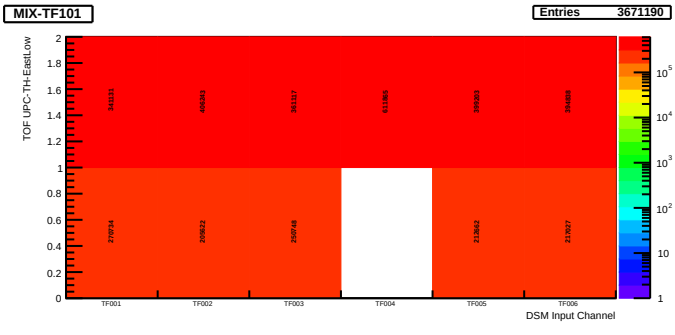

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

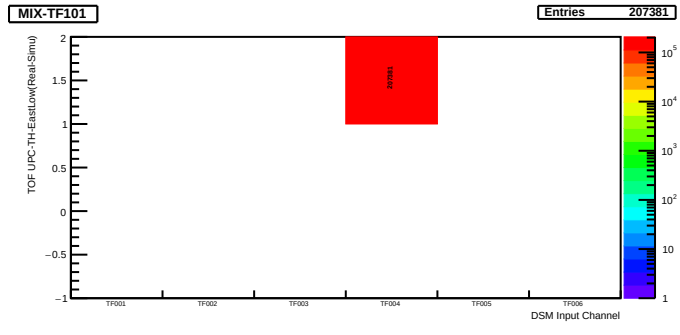

MIX-TF101
Entries 3671190
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

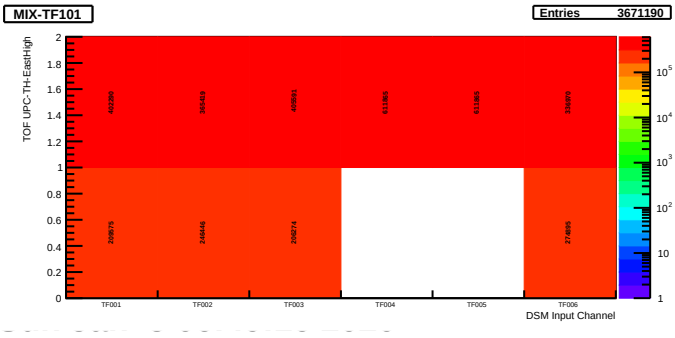

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

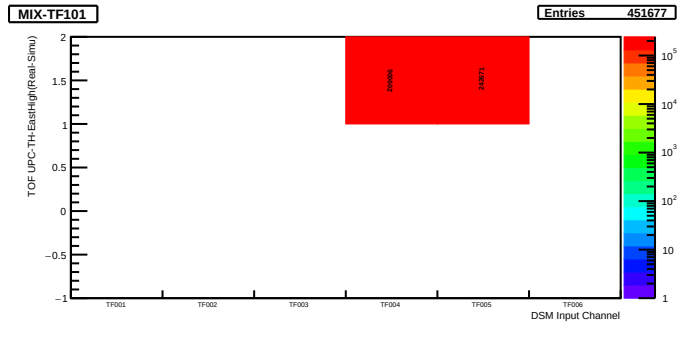

MIX-TF101
Entries 3671190
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

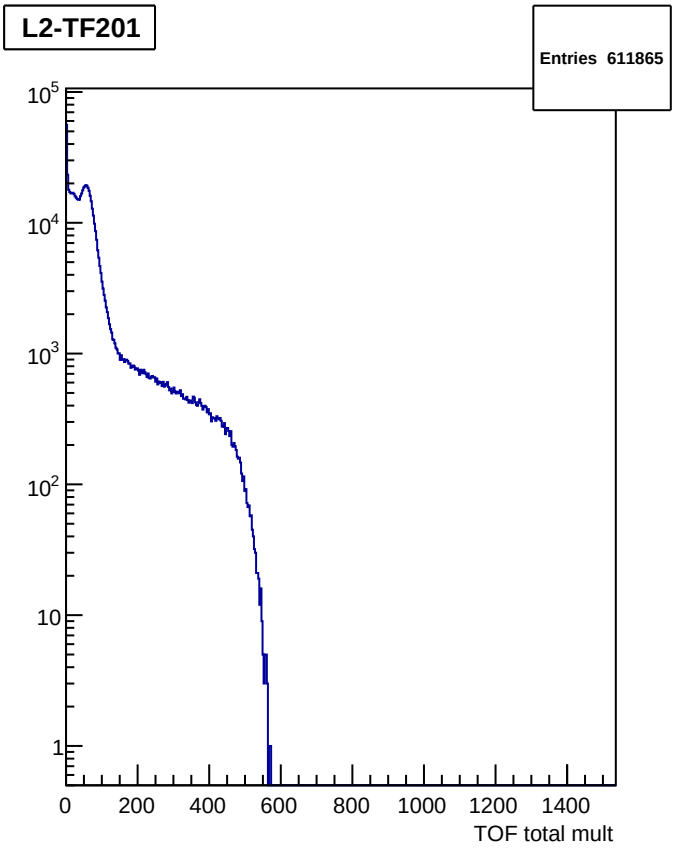

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

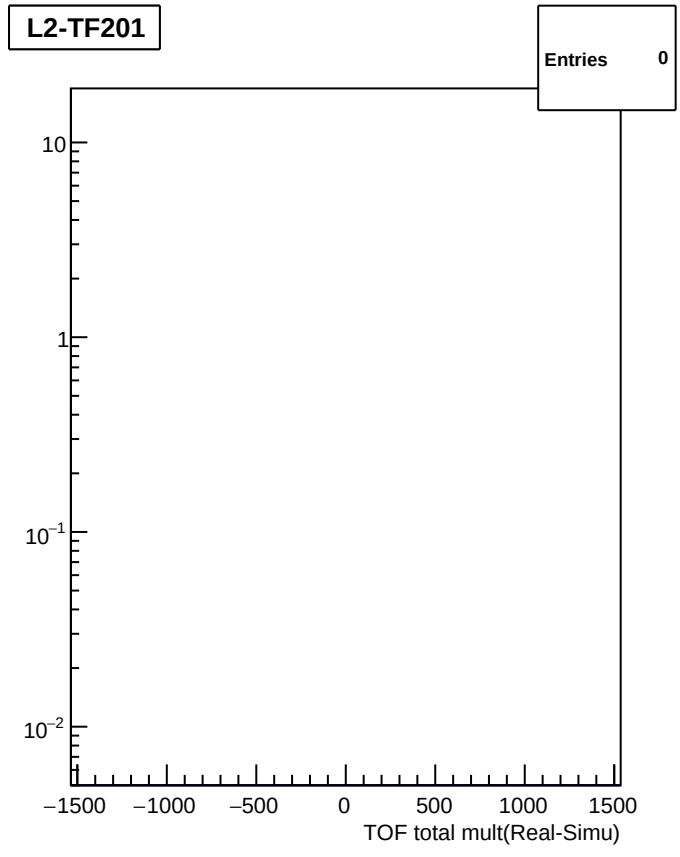

MIX-TF101
Entries 3671190
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

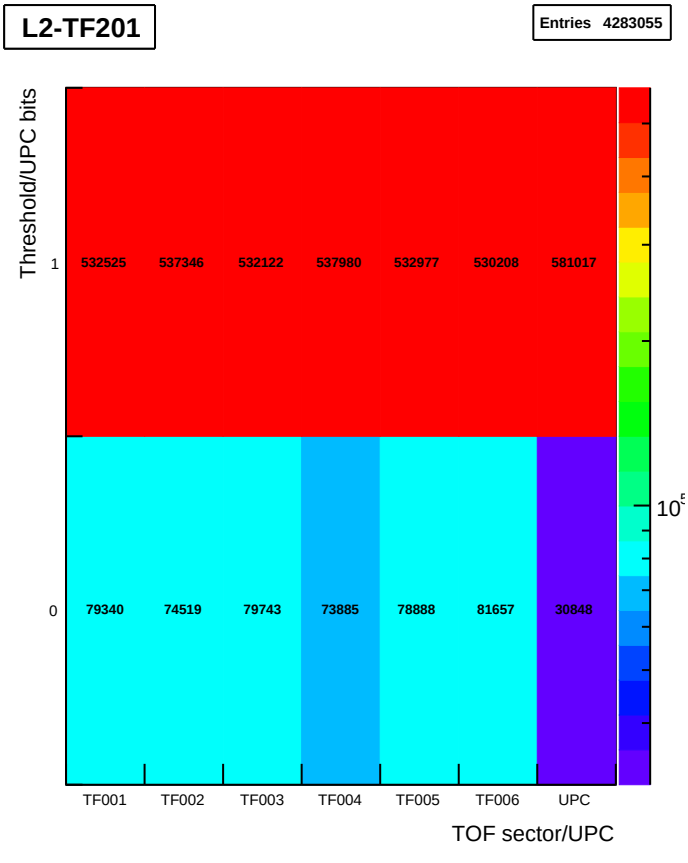

MIX-TF101
Entries 207381
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

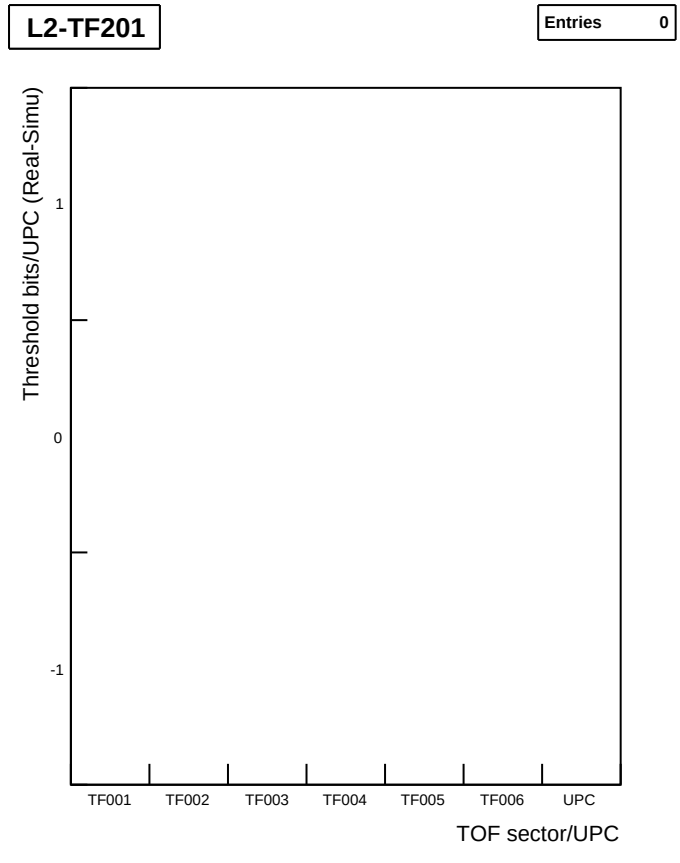

MIX-TF101
Entries 3671190
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

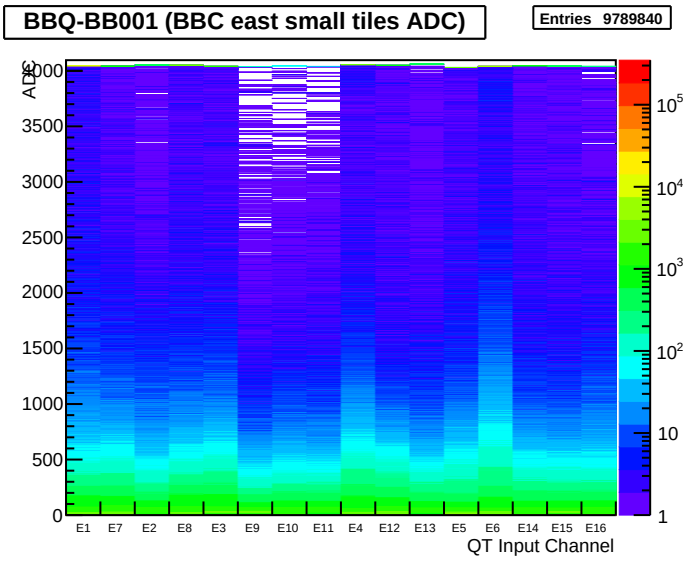

MIX-TF101
Entries 451677
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

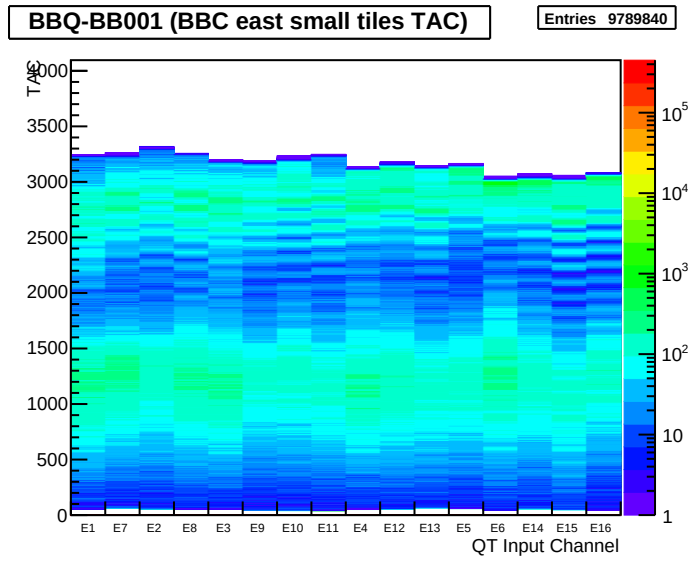

L2-TF201
Entries 611865
TOF total mult

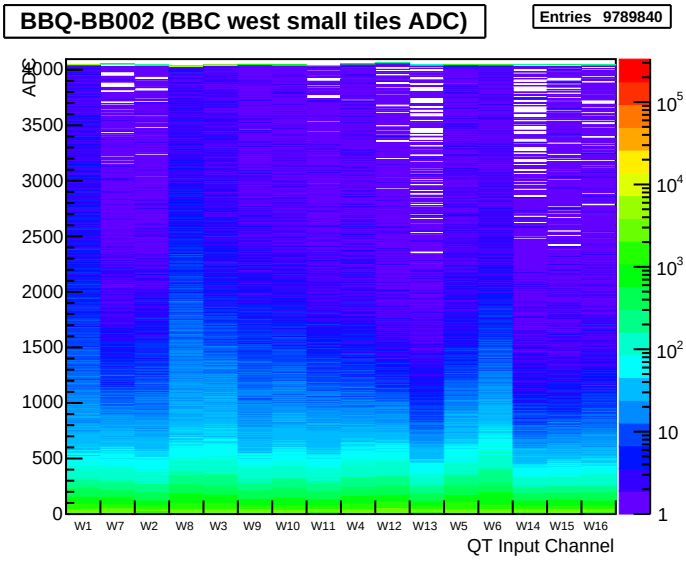

L2-TF201
Entries 0
TOF total mult(Real-Simu)

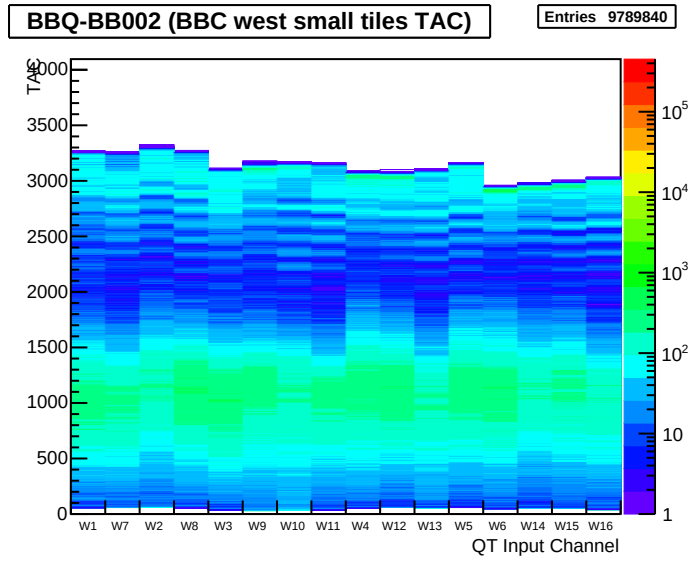

L2-TF201
Entries 4283055
Threshold/UPC bits
532525 537346 532122 537980 532977 530208 581017
79340 74519 79743 73885 78888 81657 30848
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

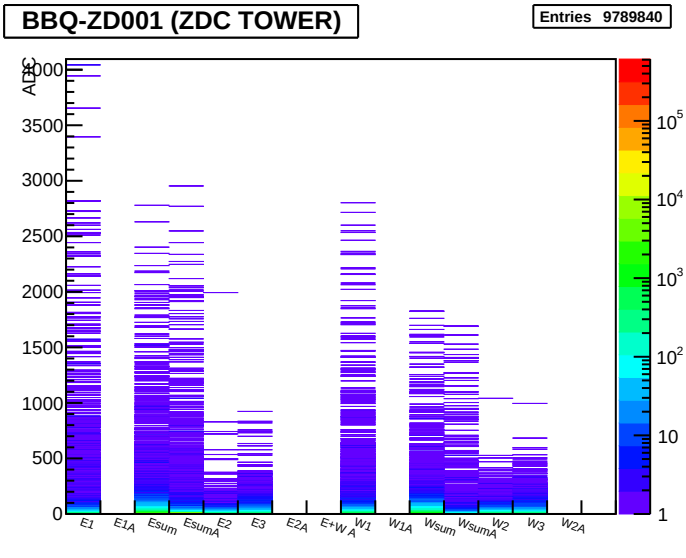

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

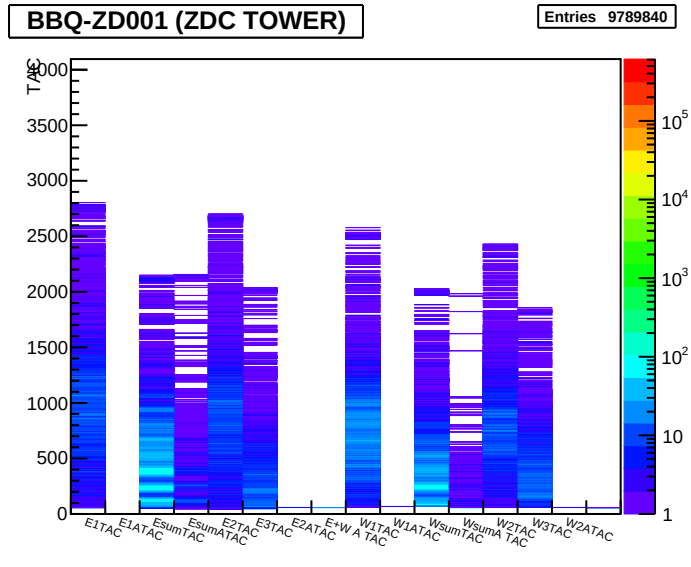

BBQ-BB001 (BBC east small tiles ADC)
Entries 9789840
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

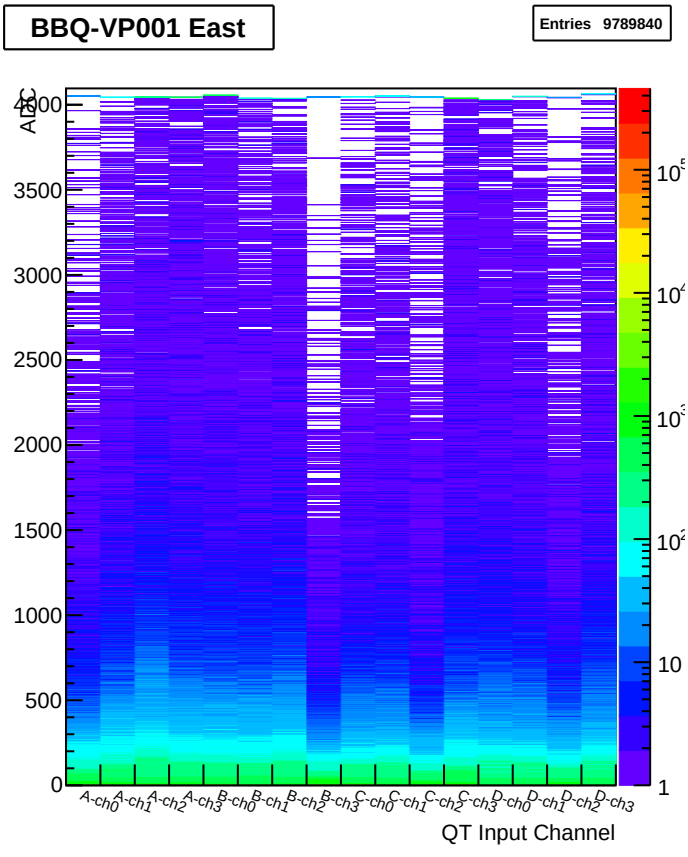

BBQ-BB001 (BBC east small tiles TAC)
Entries 9789840
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

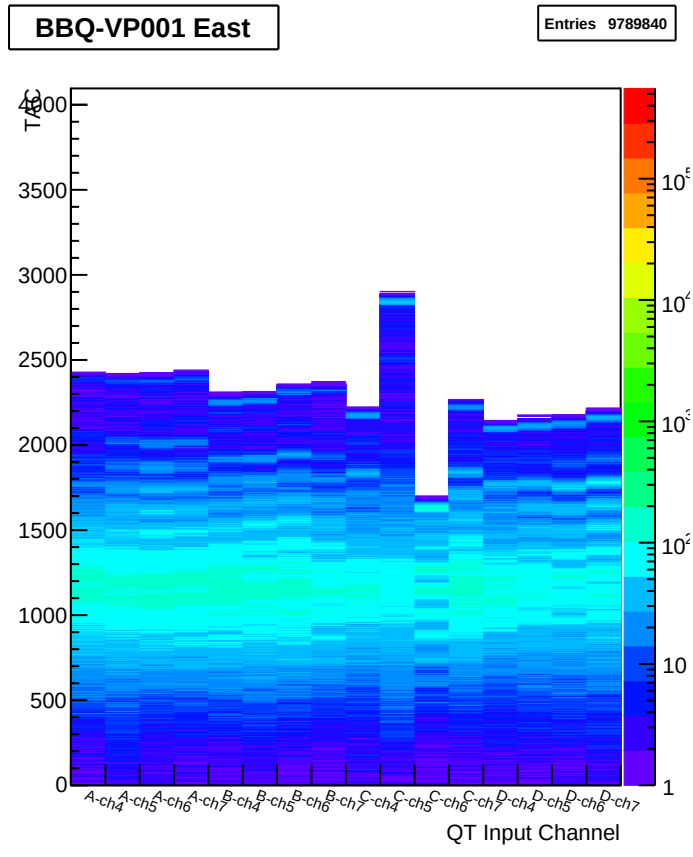

BBQ-BB002 (BBC west small tiles ADC)
Entries 9789840
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

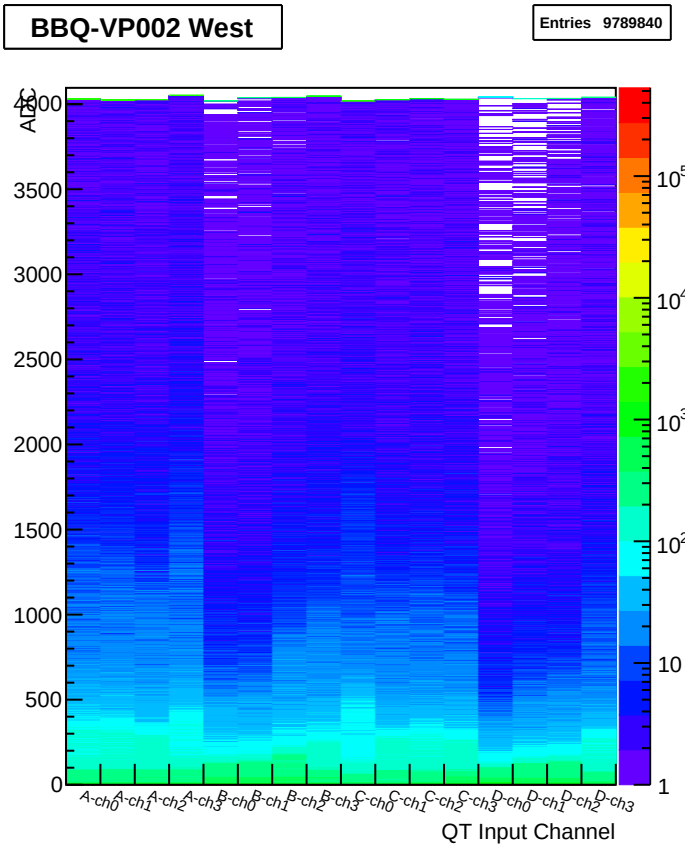

BBQ-BB002 (BBC west small tiles TAC)
Entries 9789840
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

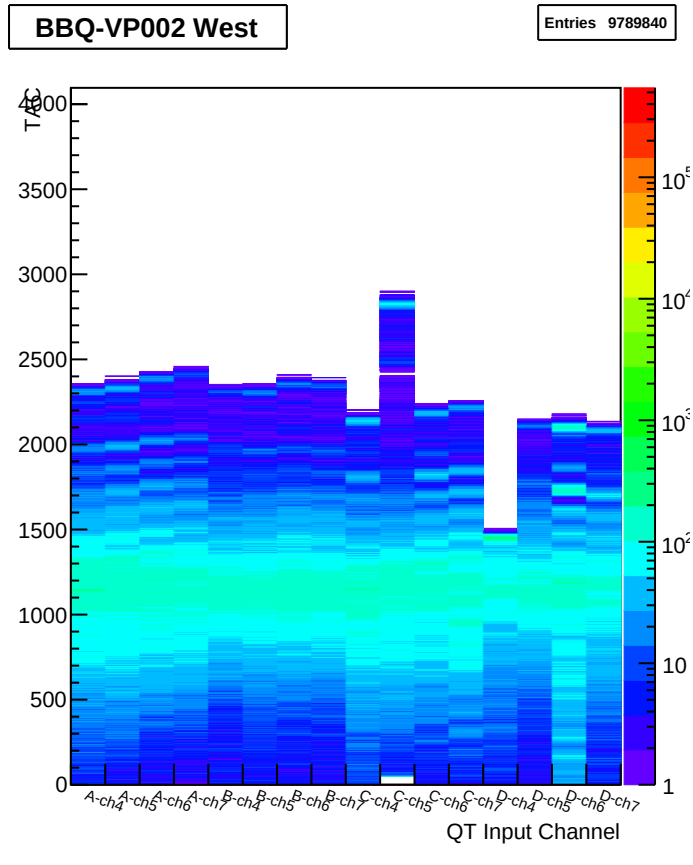

BBQ-ZD001 (ZDC TOWER)
Entries 9789840
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

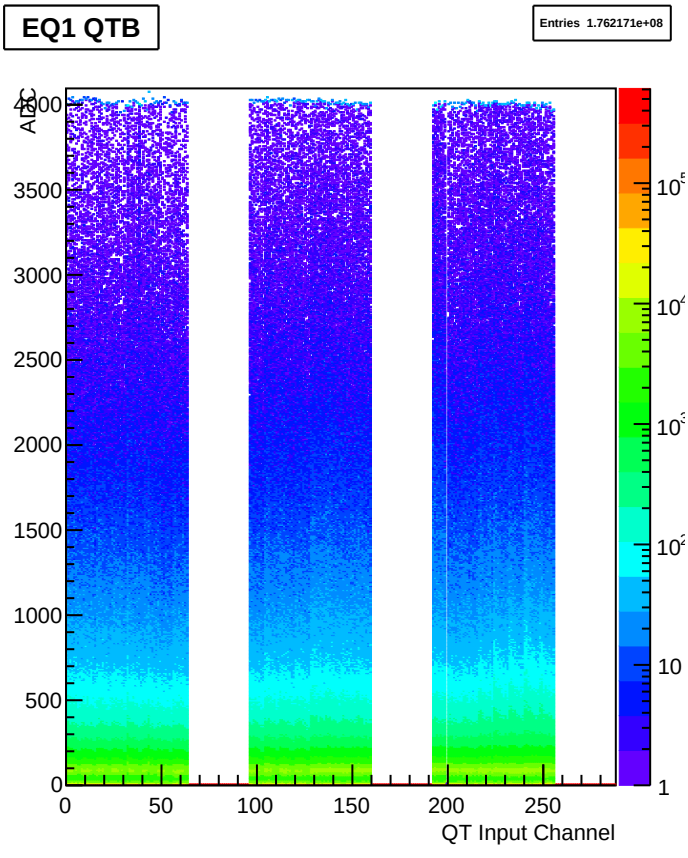

BBQ-ZD001 (ZDC TOWER)
Entries 9789840
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

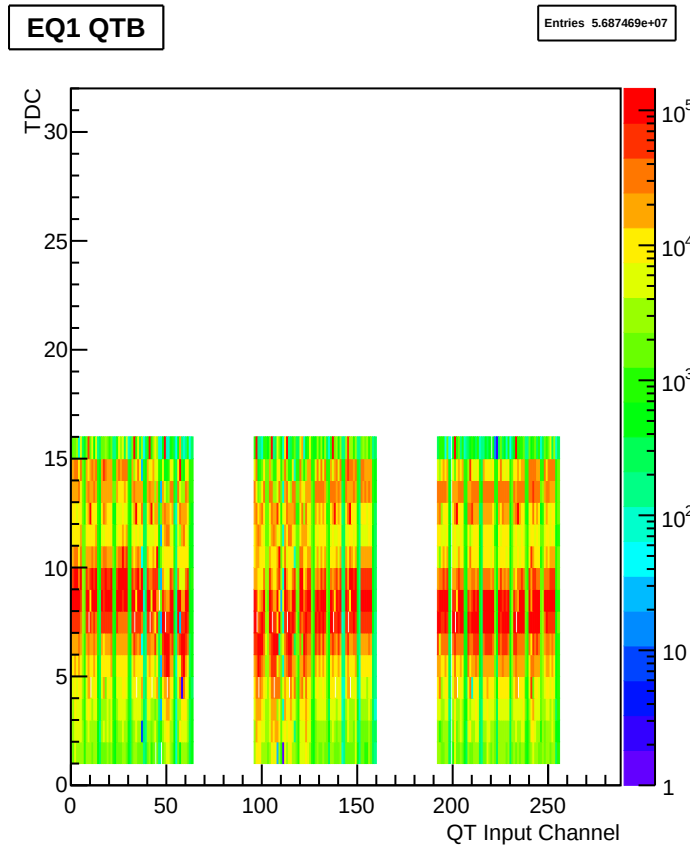

BBQ-VP001 East
Entries 9789840
ADC
QT Input Channel

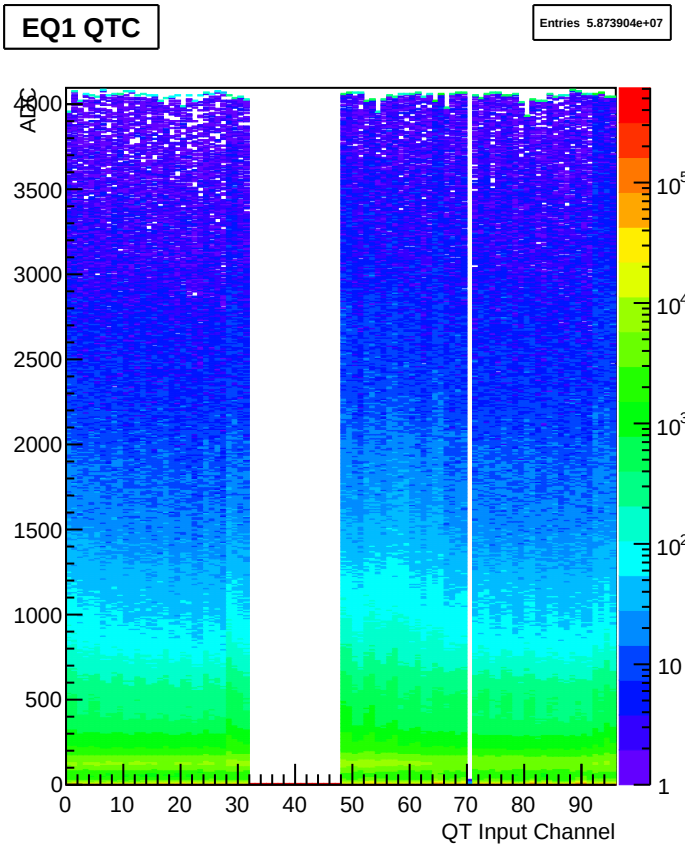

BBQ-VP001 East
Entries 9789840
TADC
QT Input Channel

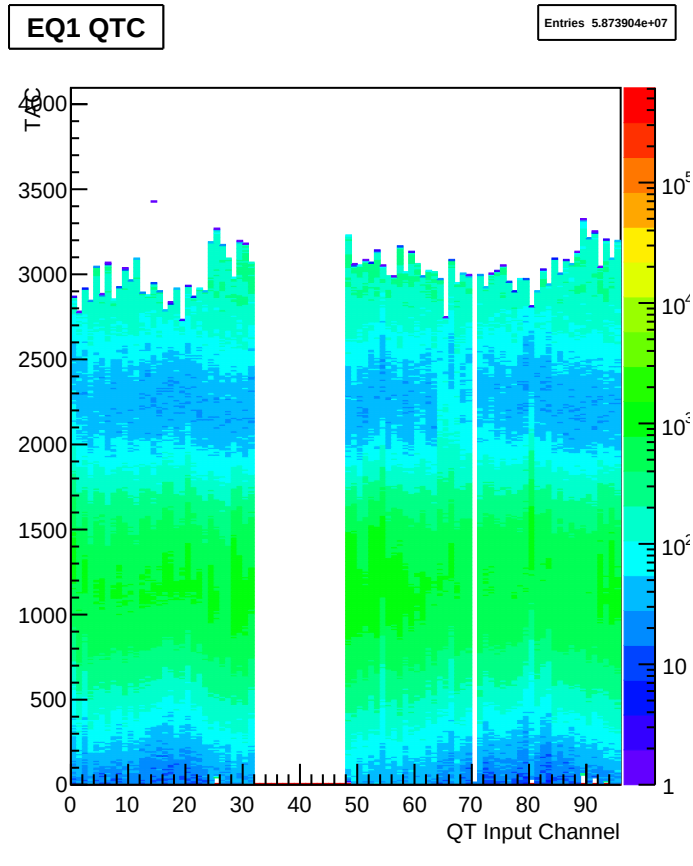

BBQ-VP002 West
Entries 9789840
ADC
QT Input Channel

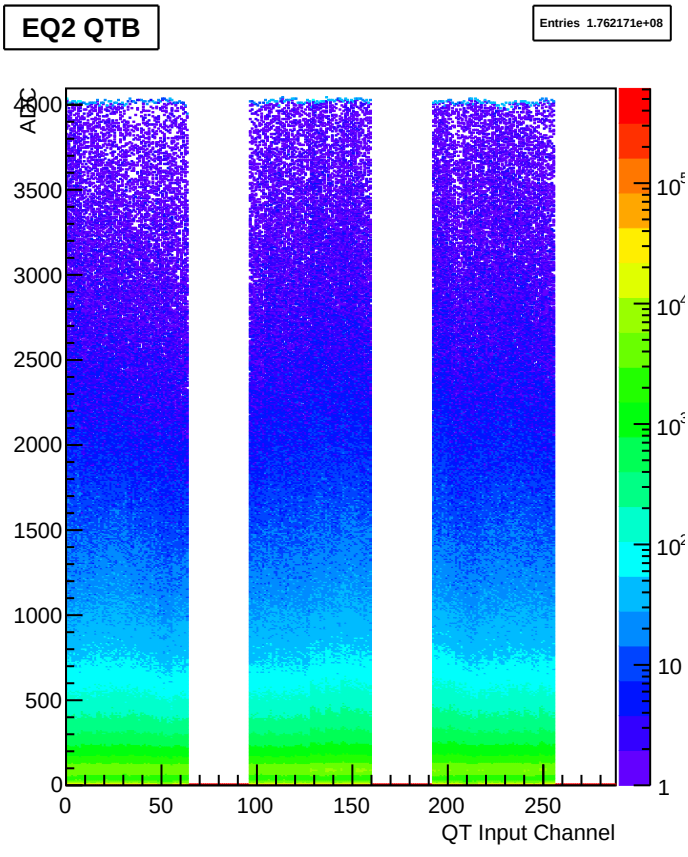

BBQ-VP002 West
Entries 9789840
TADC
QT Input Channel

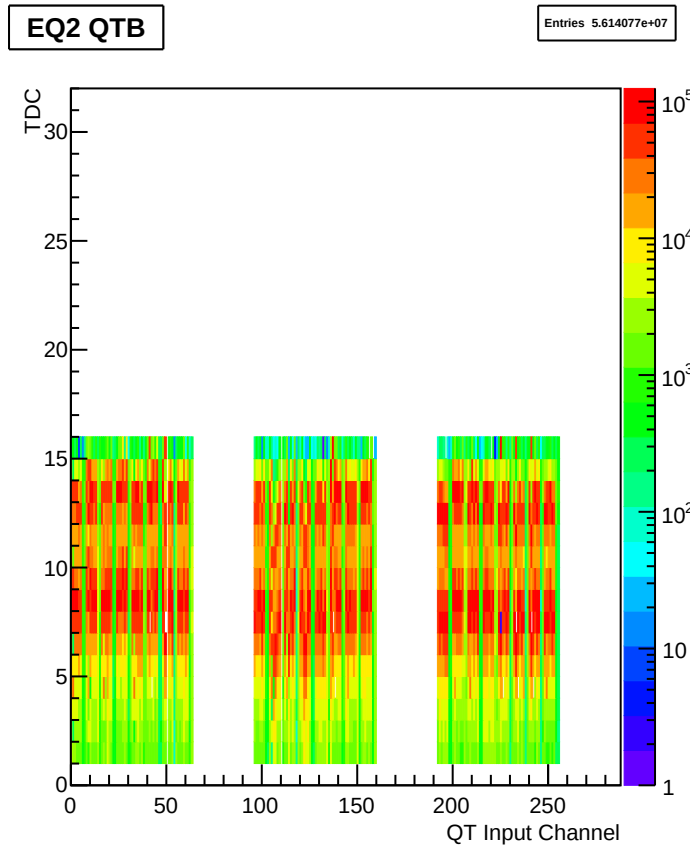

EQ1 QTB
Entries 1.762171e+08
ADC
QT Input Channel

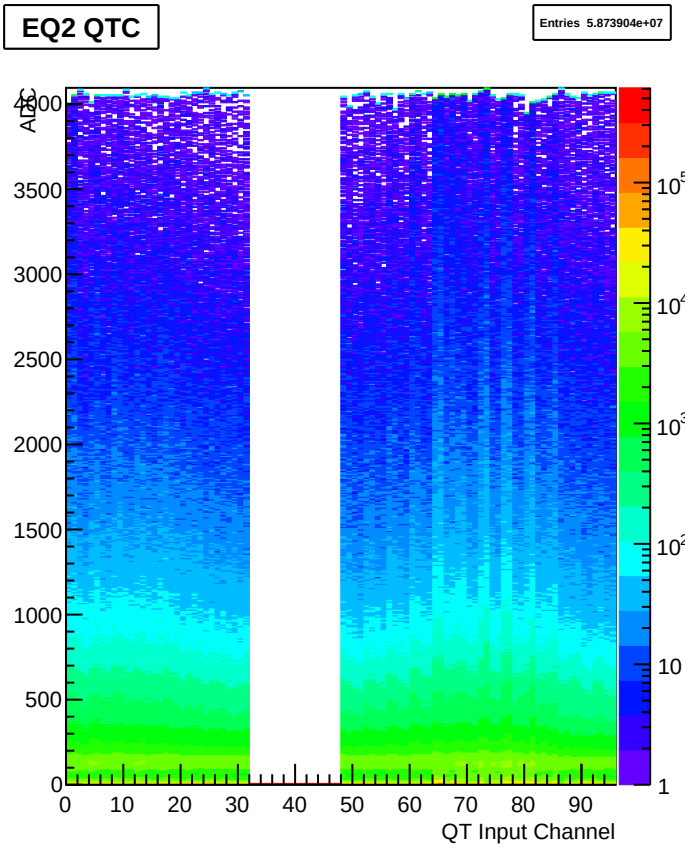

EQ1 QTB
Entries 5.687469e+07
TDC
QT Input Channel

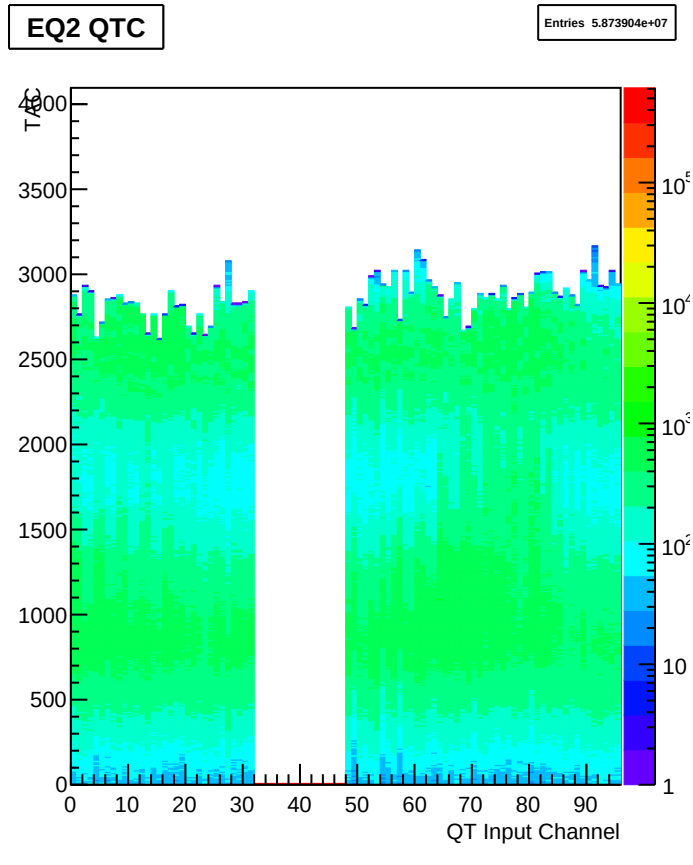

EQ1 QTC
Entries 5.873904e+07
ADC
QT Input Channel

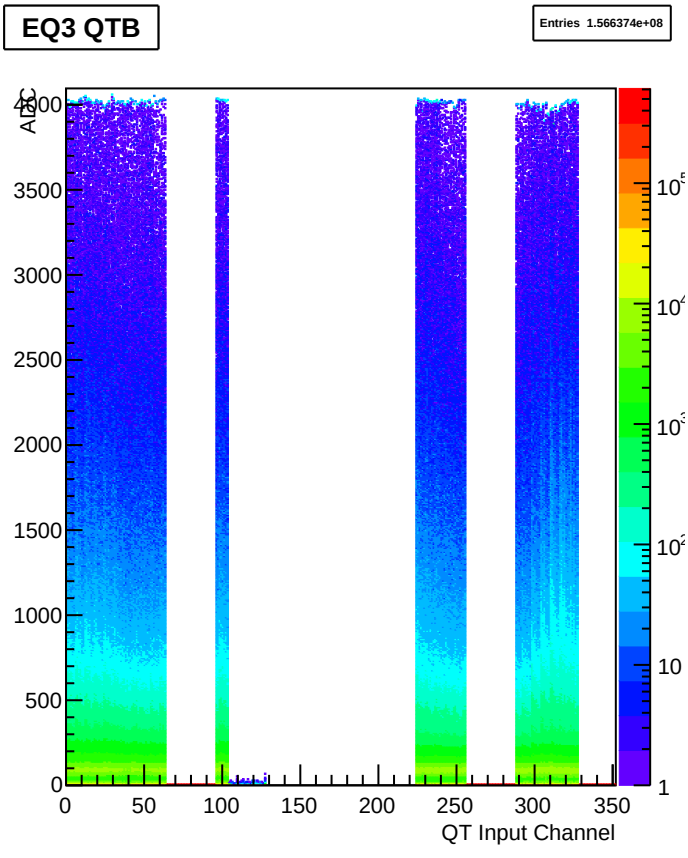

EQ1 QTC
Entries 5.873904e+07
TADC
QT Input Channel

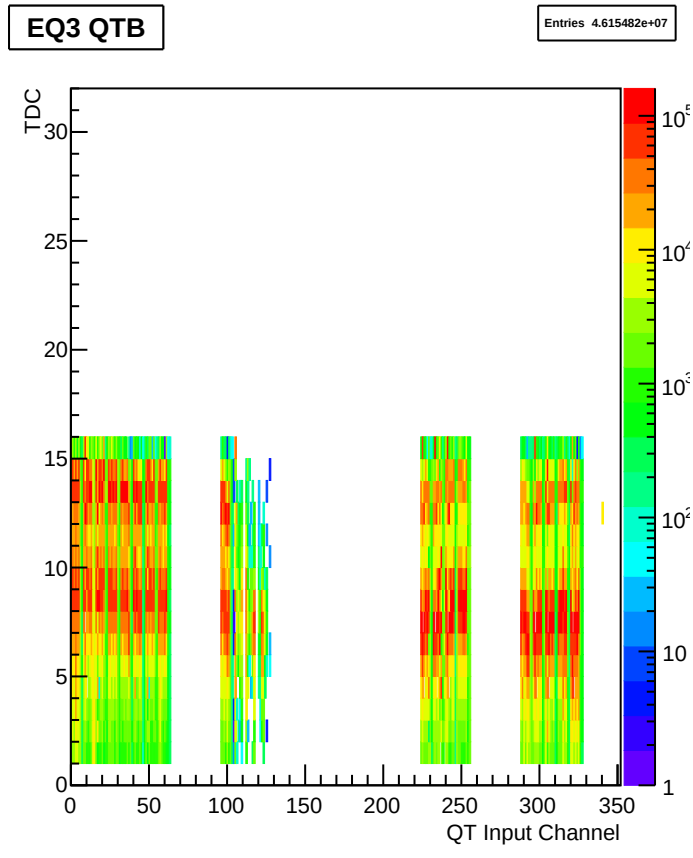

EQ2 QTB
Entries 1.762171e+08
ADC
QT Input Channel

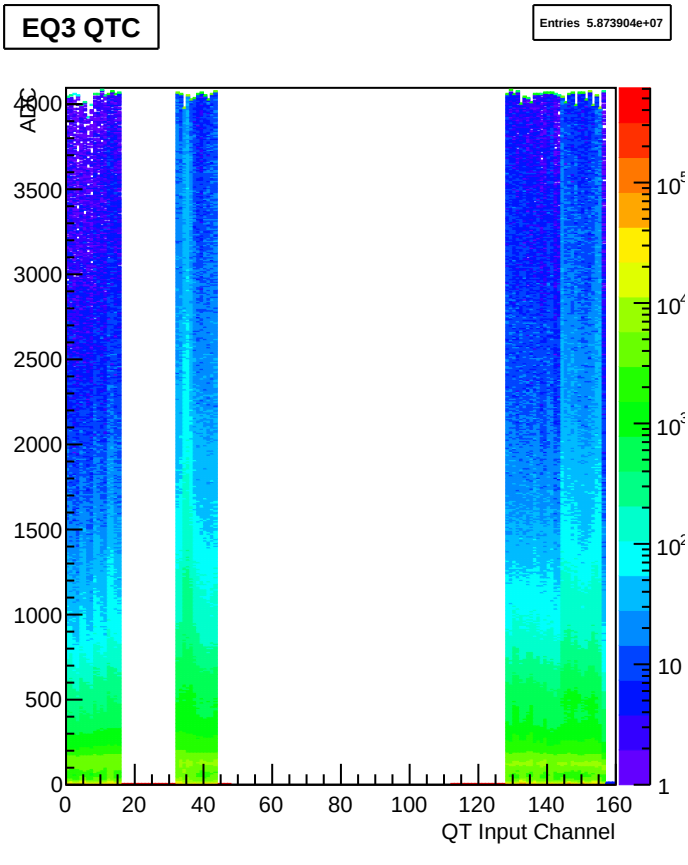

EQ2 QTB
Entries 5.614077e+07
TDC
QT Input Channel

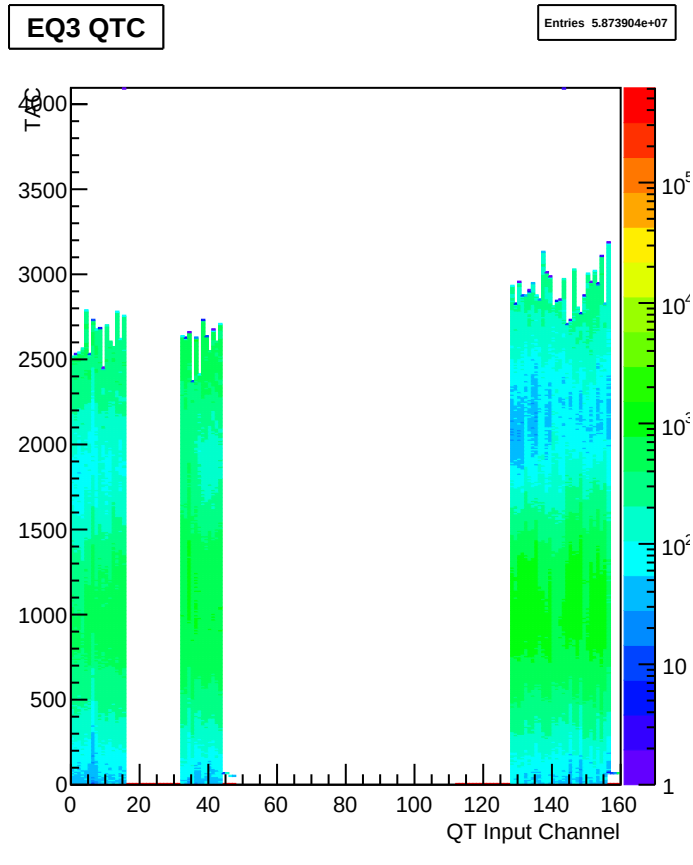

EQ2 QTC
Entries 5.873904e+07
ADC
QT Input Channel

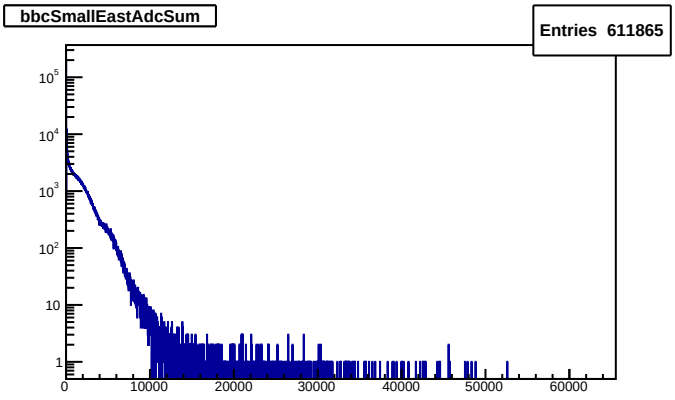

EQ2 QTC
Entries 5.873904e+07
TADC
QT Input Channel

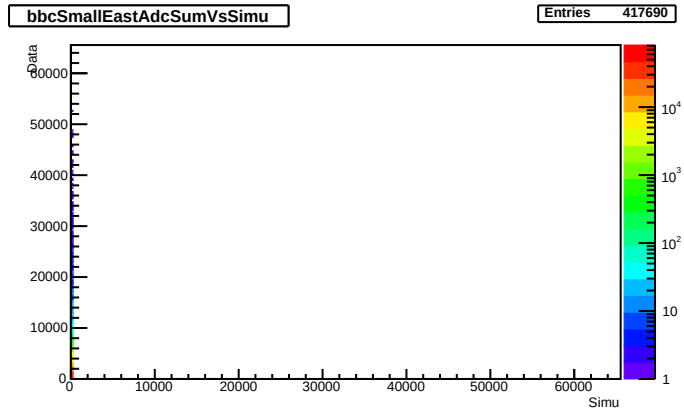

EQ3 QTB
Entries 1.566374e+08
ADC
QT Input Channel

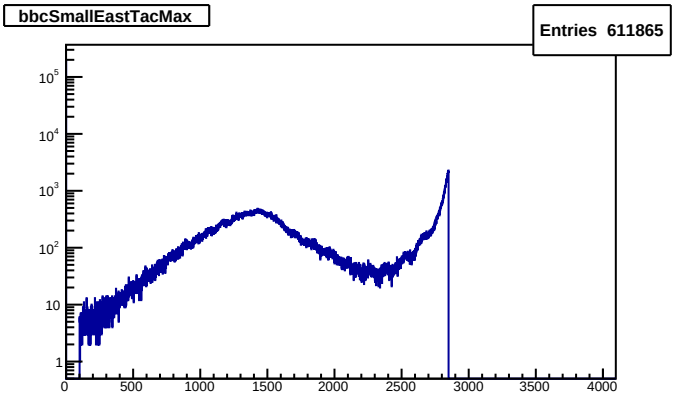

EQ3 QTB
Entries 4.615482e+07
TDC
QT Input Channel

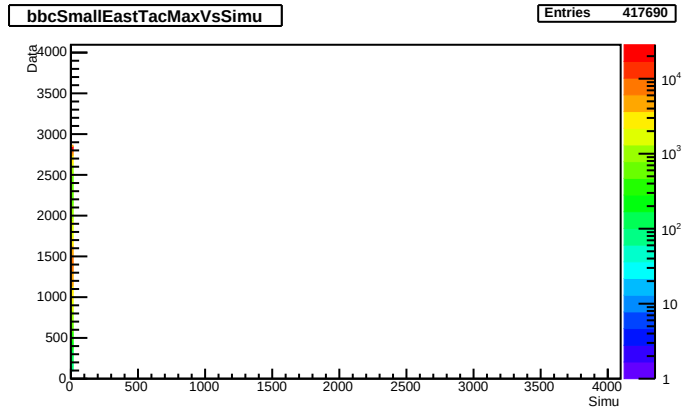

EQ3 QTC
Entries 5.873904e+07
ADC
QT Input Channel

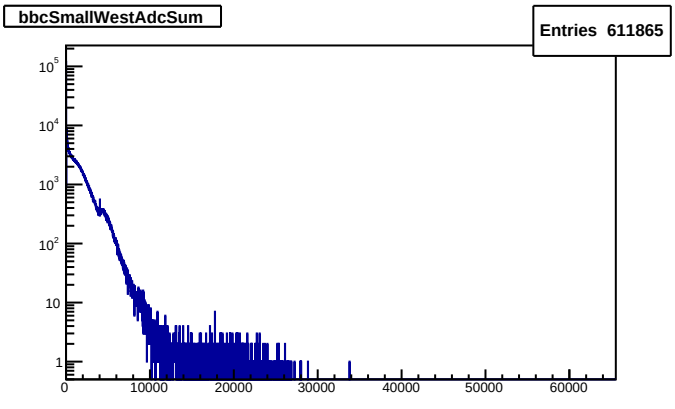

EQ3 QTC
Entries 5.873904e+07
TADC
QT Input Channel

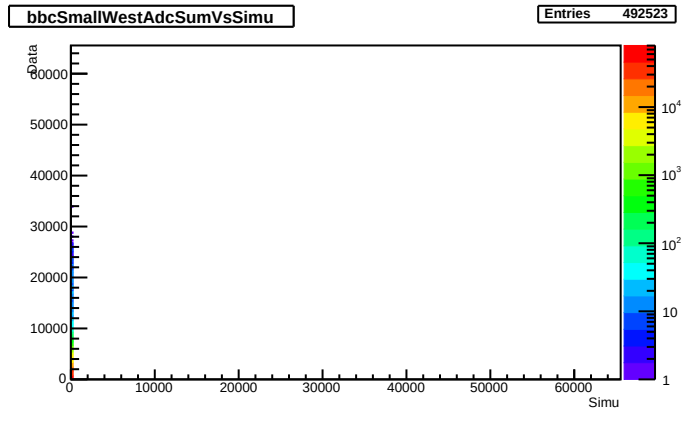

bbcSmallEastAdcSum
Entries 611865

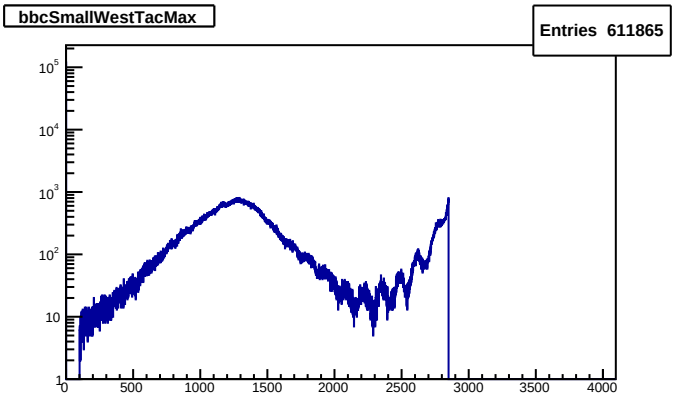

bbcSmallEastAdcSumVsSimu
Entries 417690
Data
Simu

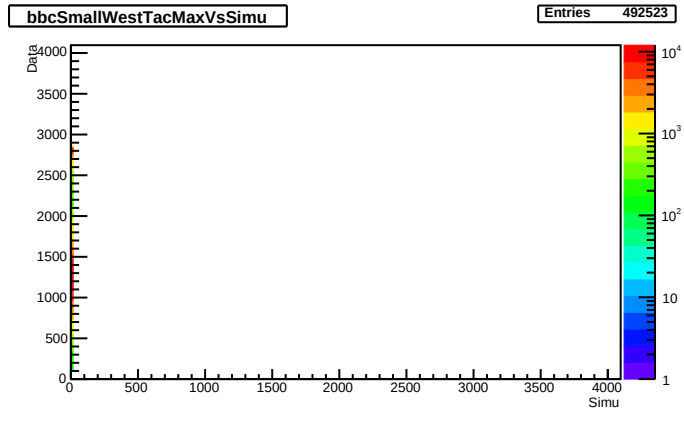

bbcSmallEastTacMax
Entries 611865

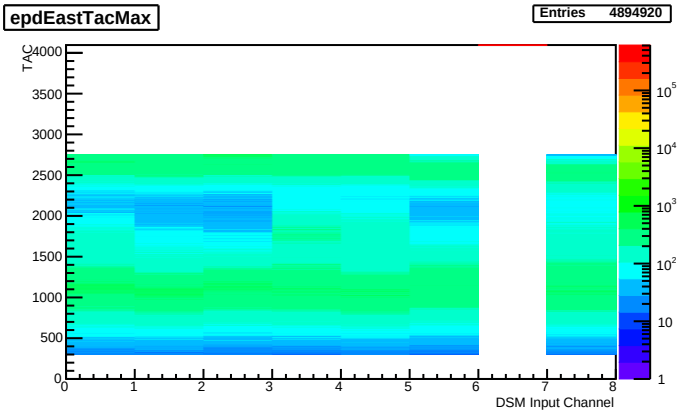

bbcSmallEastTacMaxVsSimu
Entries 417690
Data
Simu

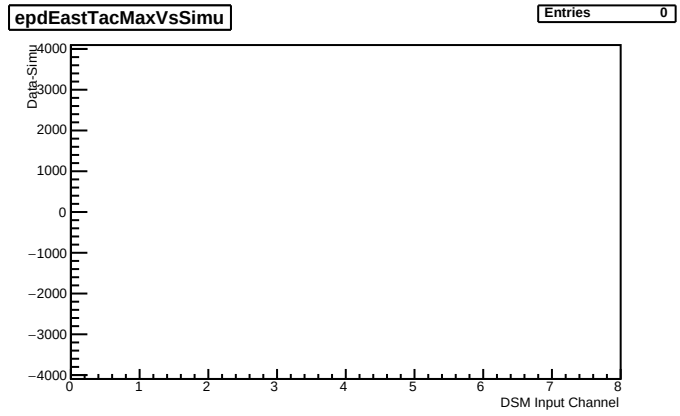

bbcSmallWestAdcSum
Entries 611865

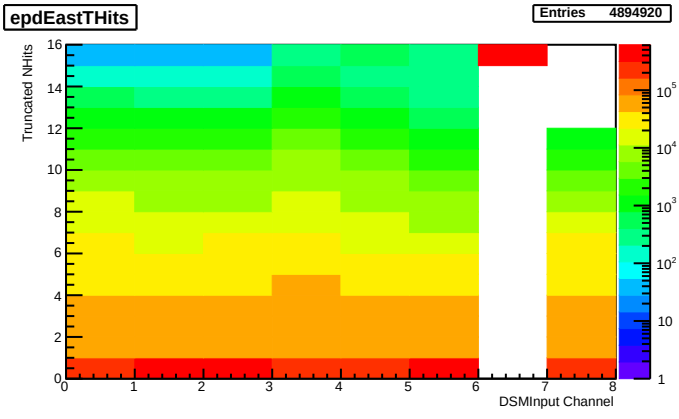

bbcSmallWestAdcSumVsSimu
Entries 492523
Data
Simu

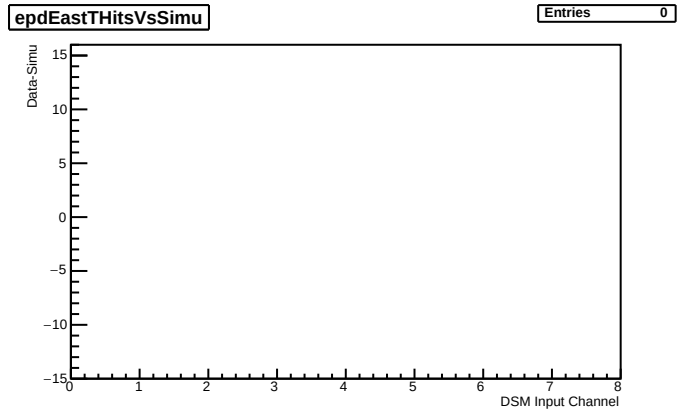

bbcSmallWestTacMax
Entries 611865

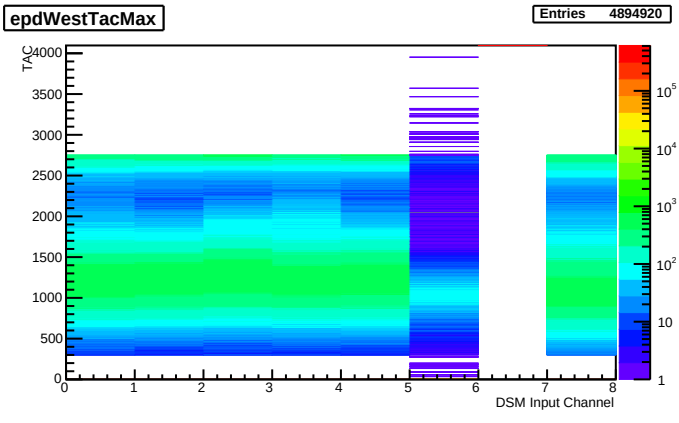

bbcSmallWestTacMaxVsSimu
Entries 492523
Data
Simu

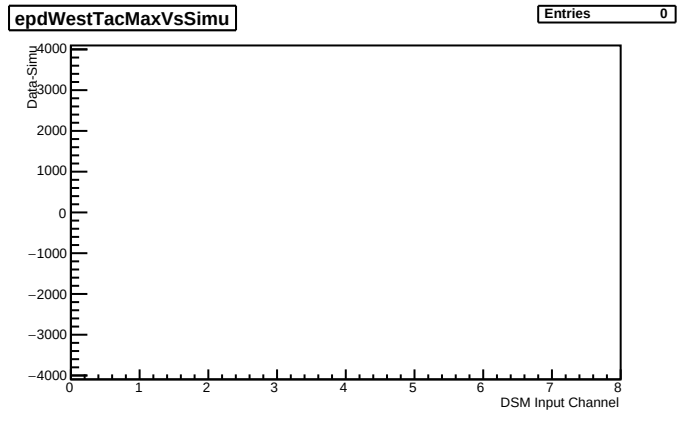

epdEastTacMax
Entries 4894920
TAC
DSM Input Channel

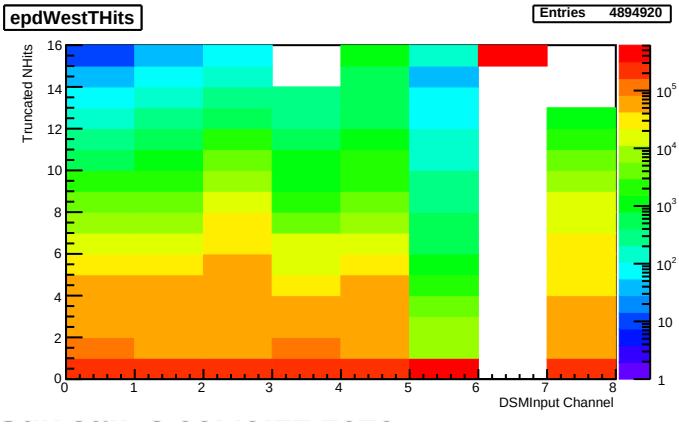

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

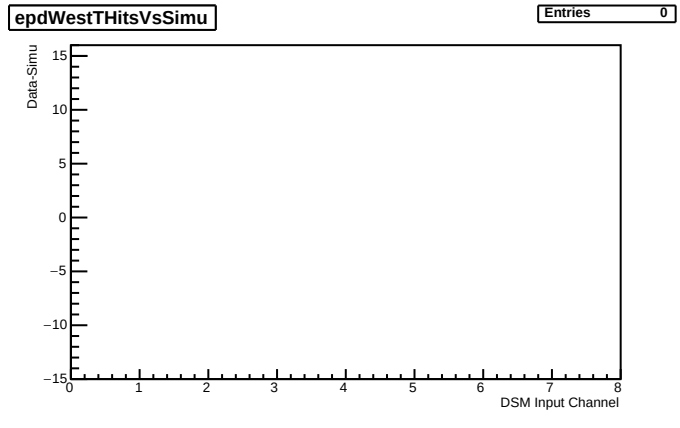

epdEastTHits
Entries 4894920
Truncated NHits
DSMInput Channel

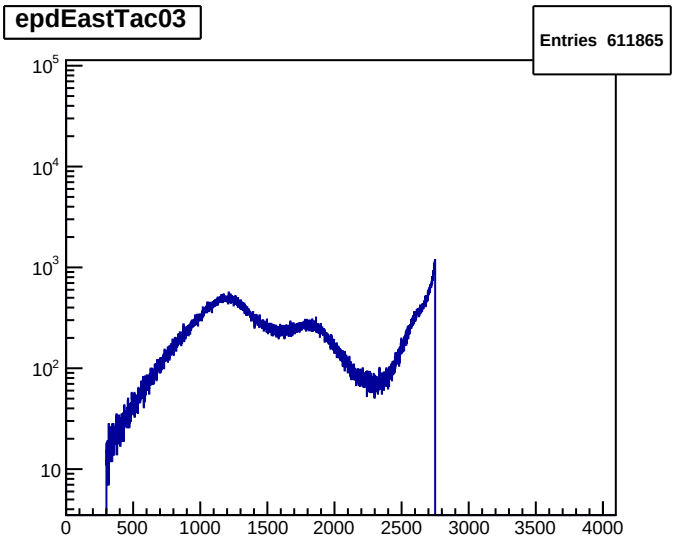

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

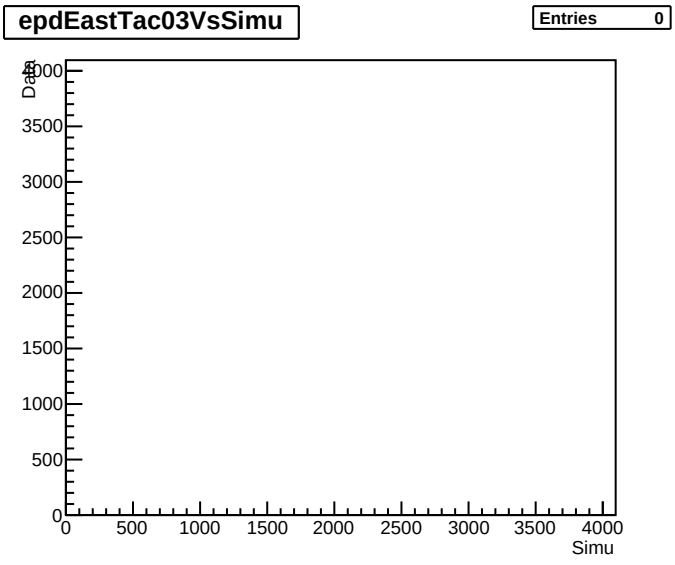

epdWestTacMax
Entries 4894920
TAC
DSM Input Channel

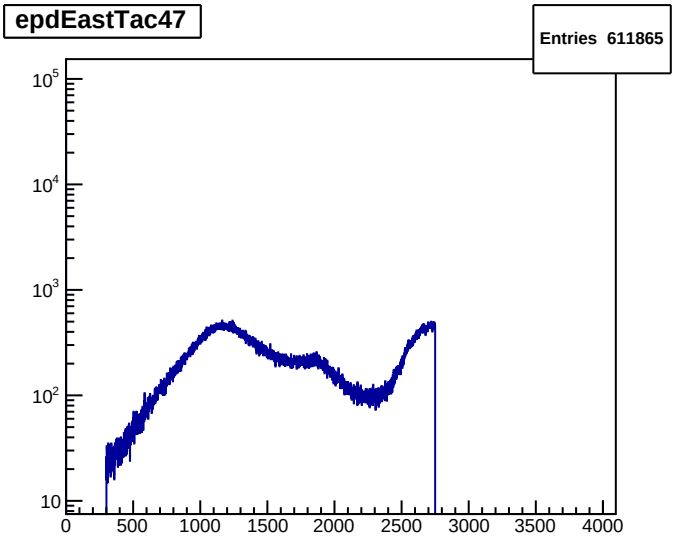

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

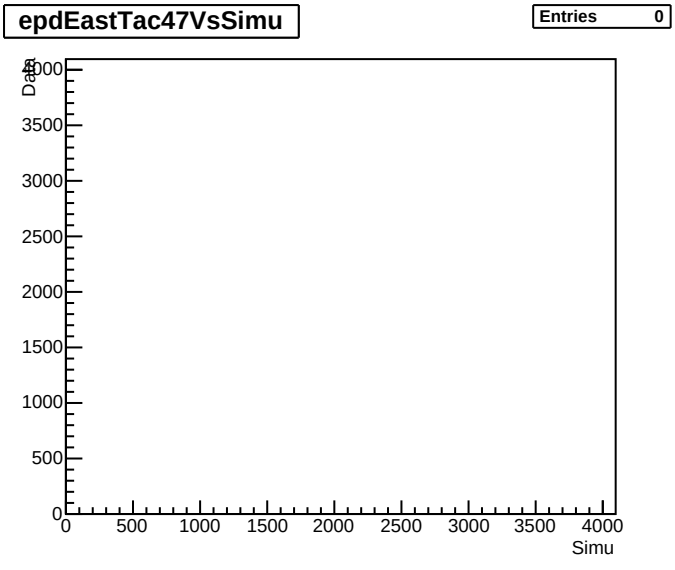

epdWestTHits
Entries 4894920
Truncated NHits
DSMInput Channel

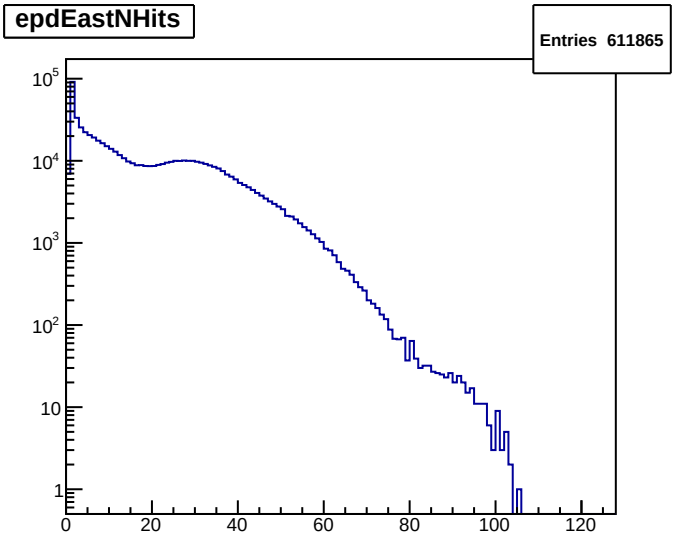

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

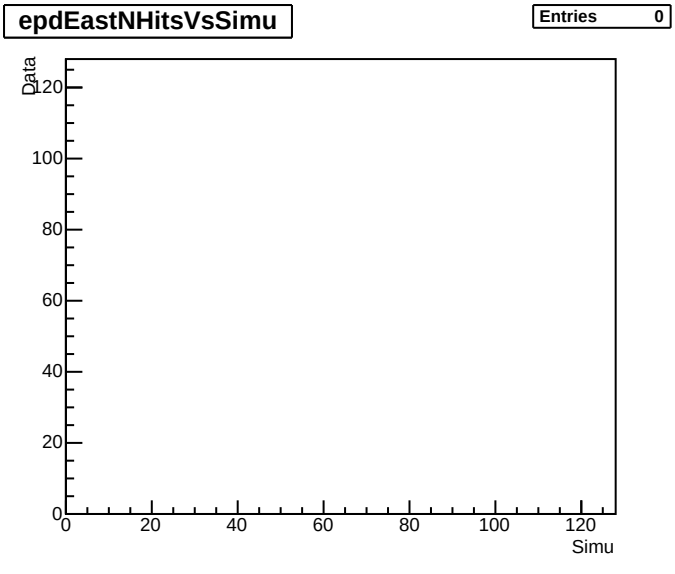

epdEastTac03
Entries 611865

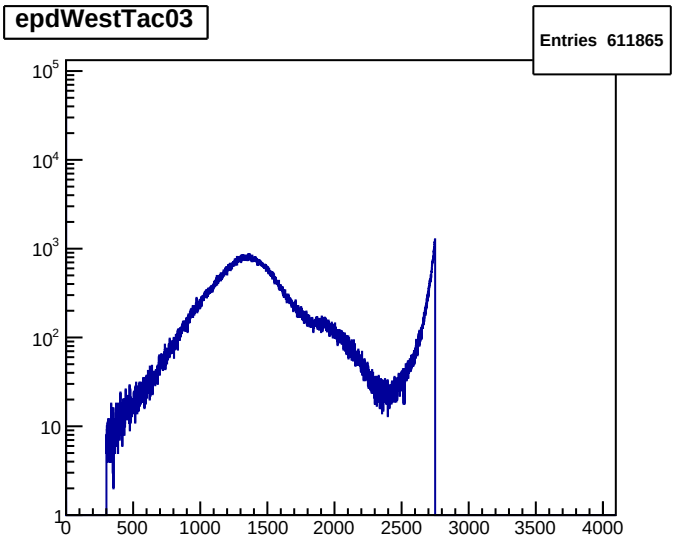

epdEastTac03VsSimu
Entries 0
Data
Simu

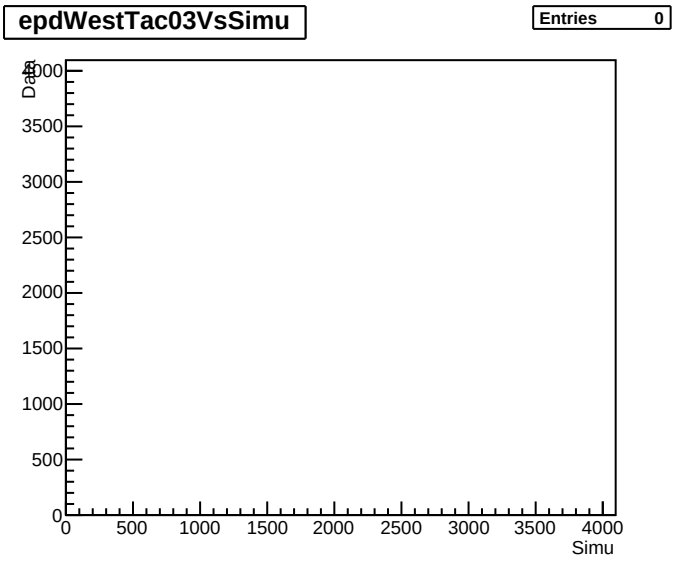

epdEastTac47
Entries 611865

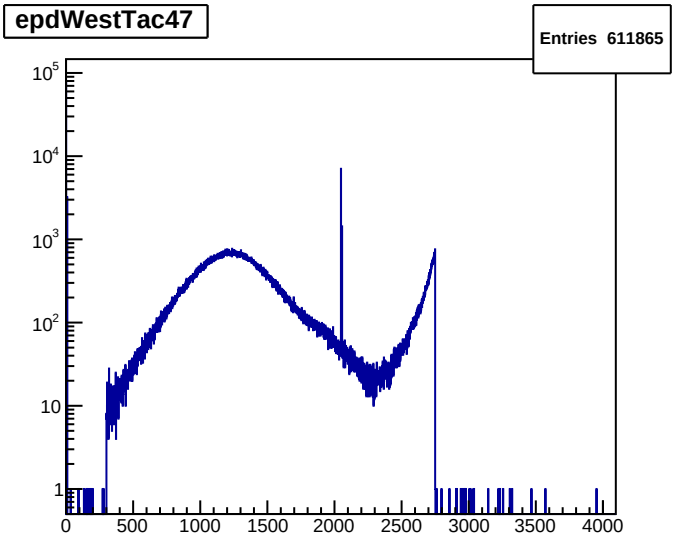

epdEastTac47VsSimu
Entries 0
Data
Simu

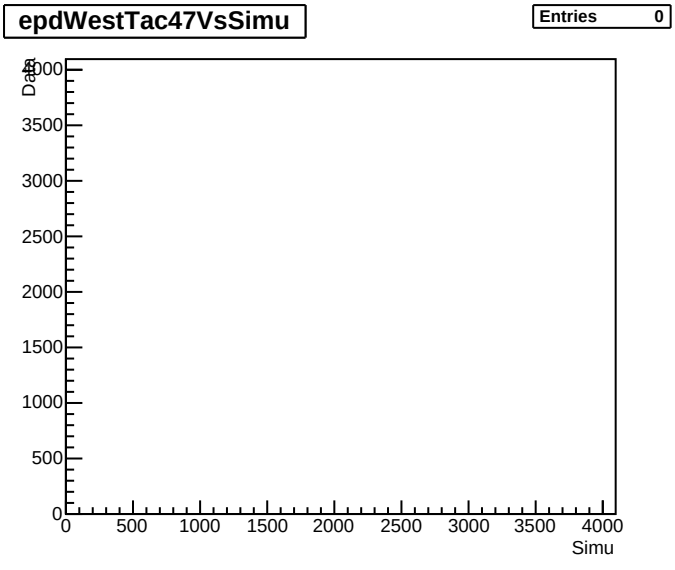

epdEastNHits
Entries 611865

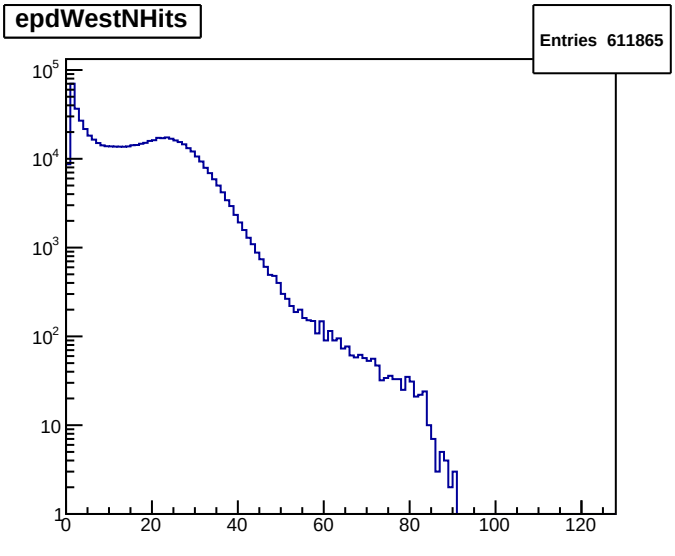

epdEastNHitsVsSimu
Entries 0
Data
Simu

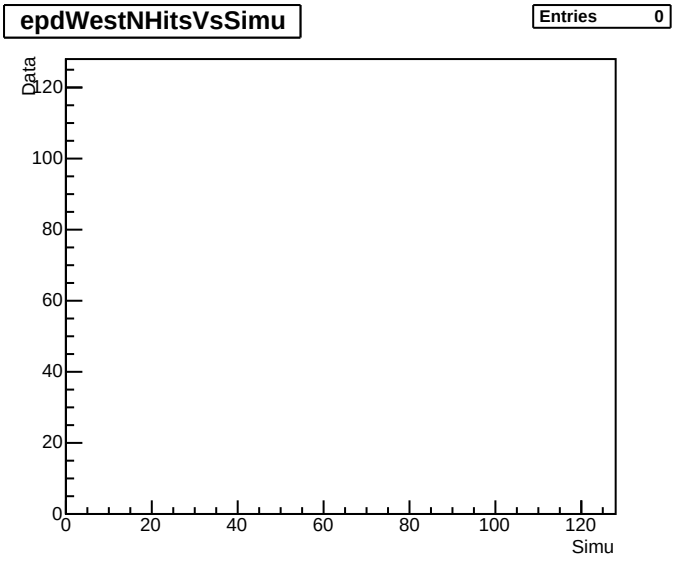

epdWestTac03
Entries 611865

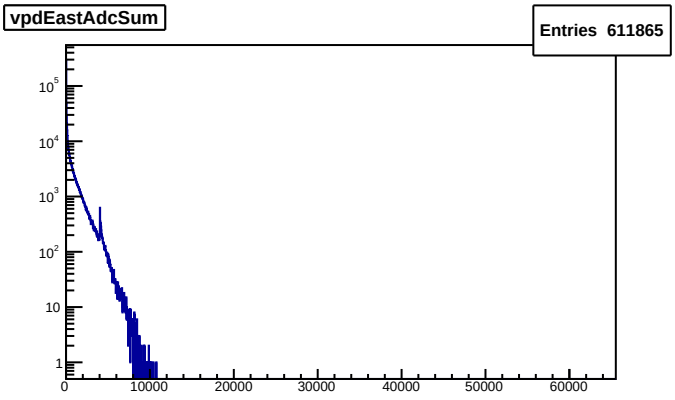

epdWestTac03VsSimu
Entries 0
Data
Simu

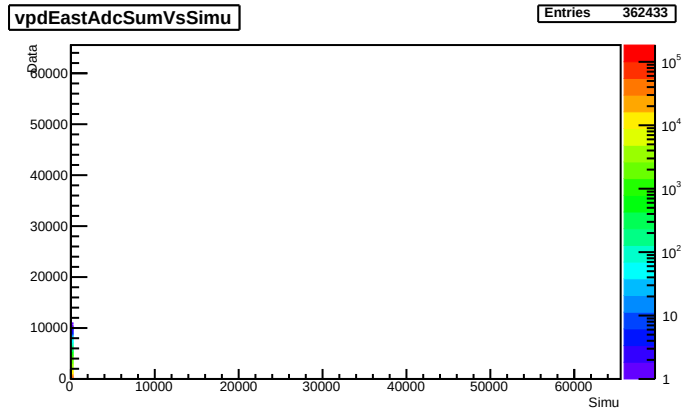

epdWestTac47
Entries 611865

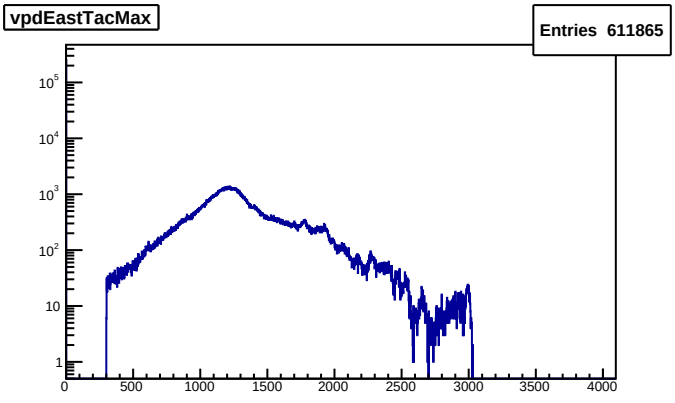

epdWestTac47VsSimu
Entries 0
Data
Simu

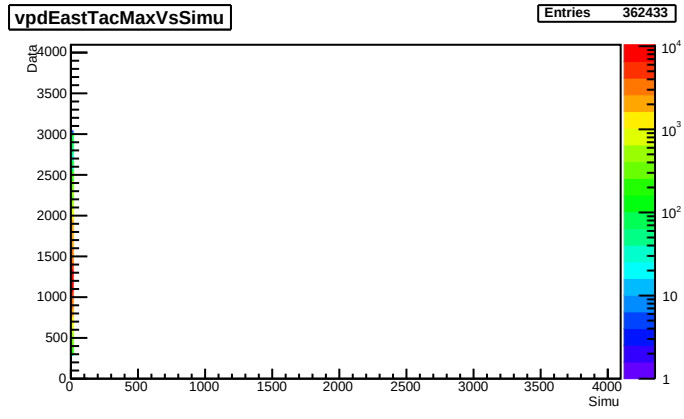

epdWestNHits
Entries 611865

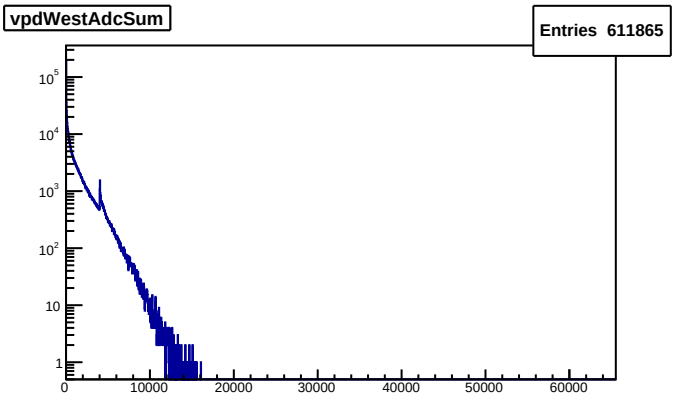

epdWestNHitsVsSimu
Entries 0
Data
Simu

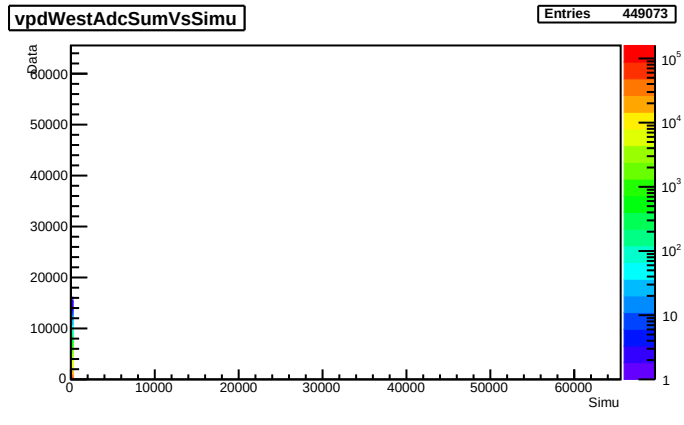

vpdEastAdcSum
Entries 611865

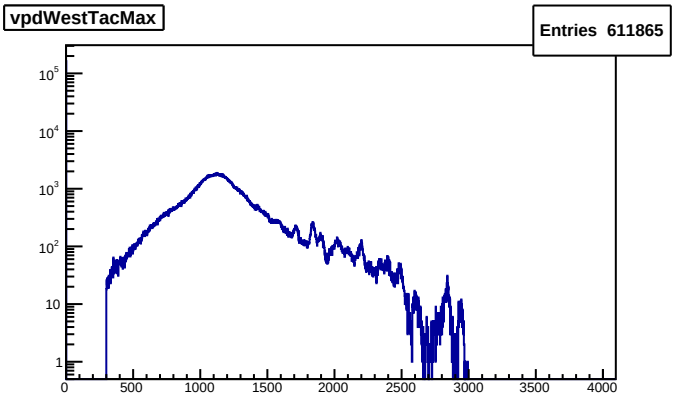

vpdEastAdcSumVsSimu
Entries 362433
Data
Simu

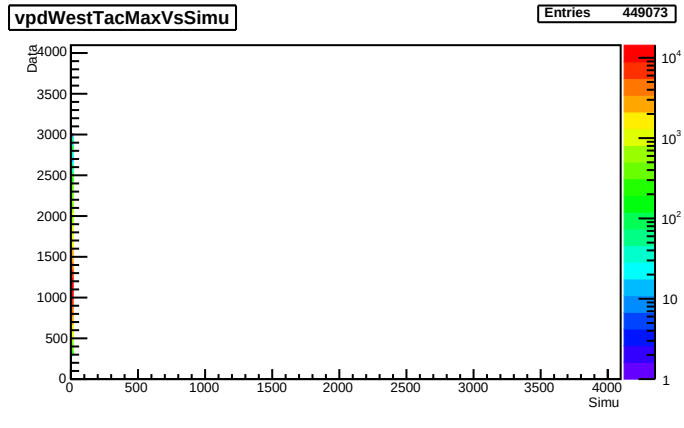

vpdEastTacMax
Entries 611865

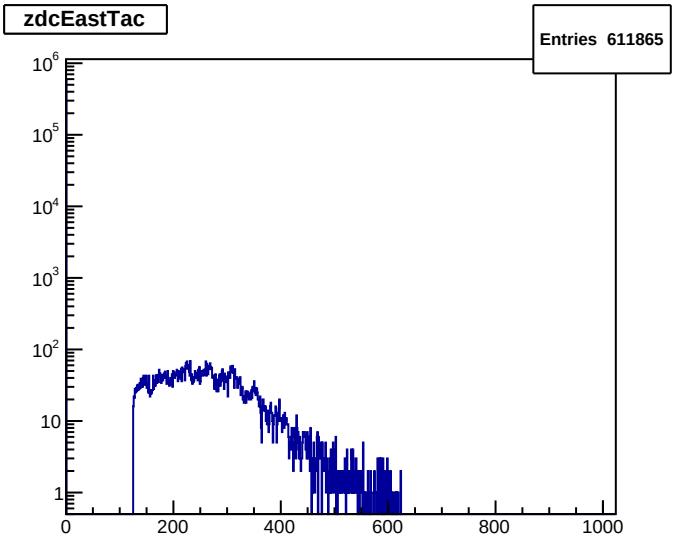

vpdEastTacMaxVsSimu
Entries 362433
Data
Simu

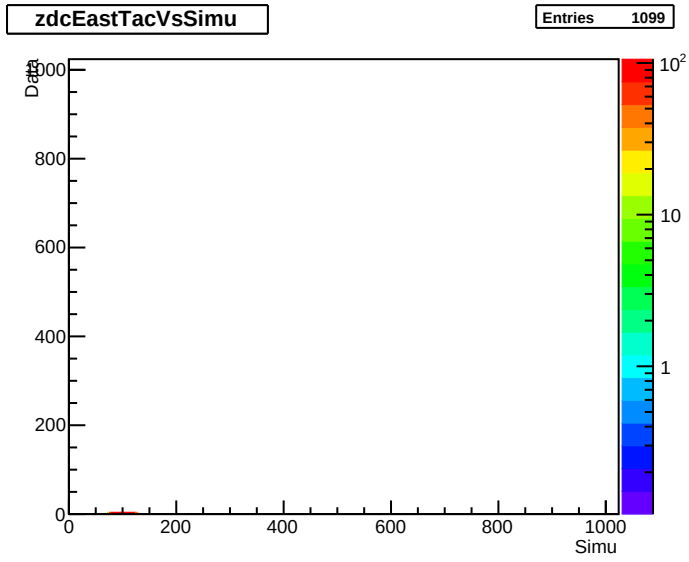

vpdWestAdcSum
Entries 611865

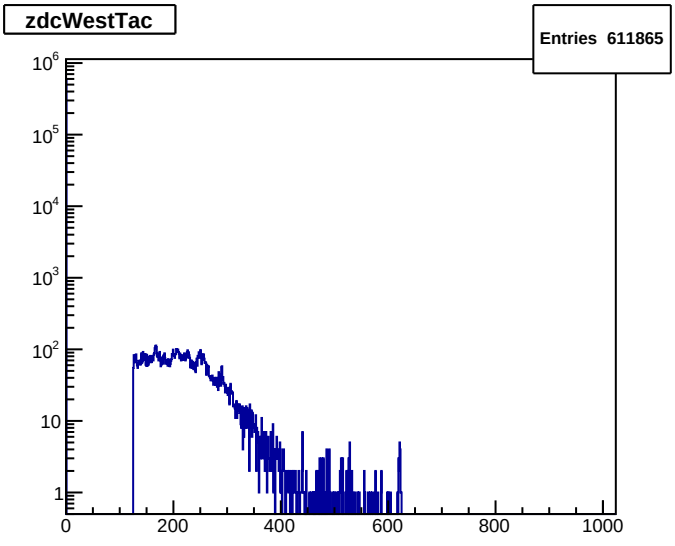

vpdWestAdcSumVsSimu
Entries 449073
Data
Simu

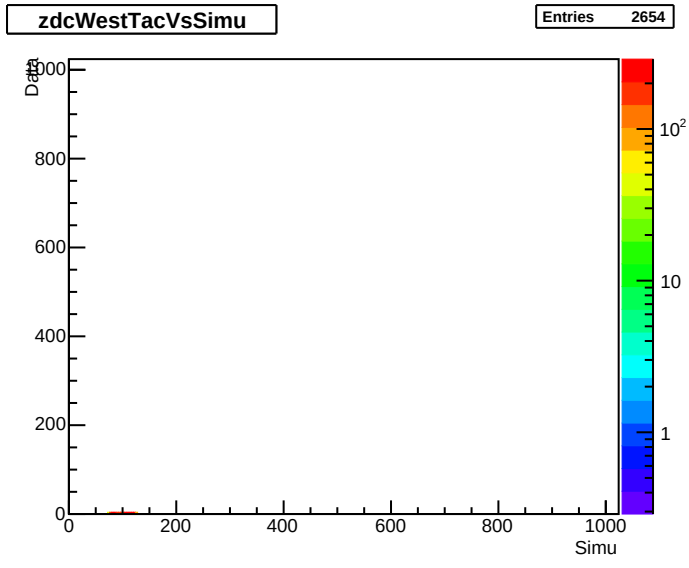

vpdWestTacMax
Entries 611865

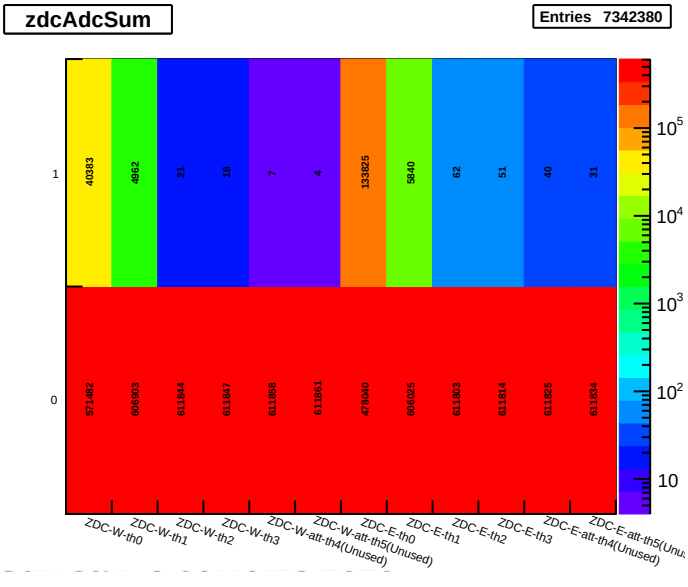

vpdWestTacMaxVsSimu
Entries 449073
Data
Simu

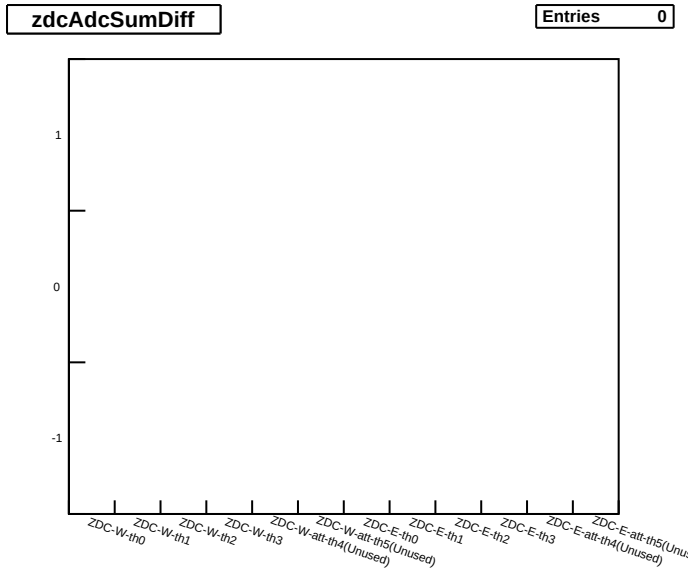

zdcEastTac
Entries 611865

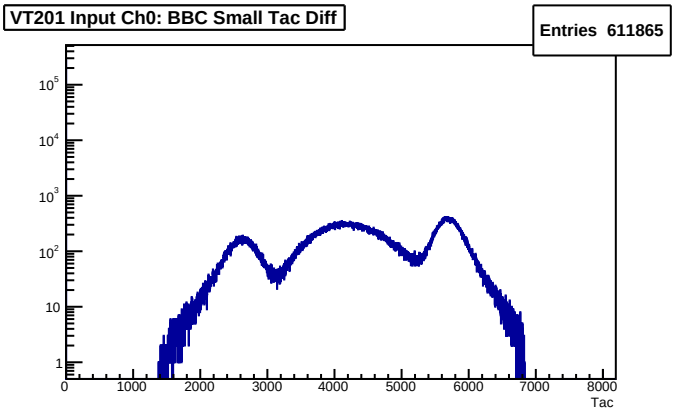

zdcEastTacVsSimu
Entries 1099
Data
Simu

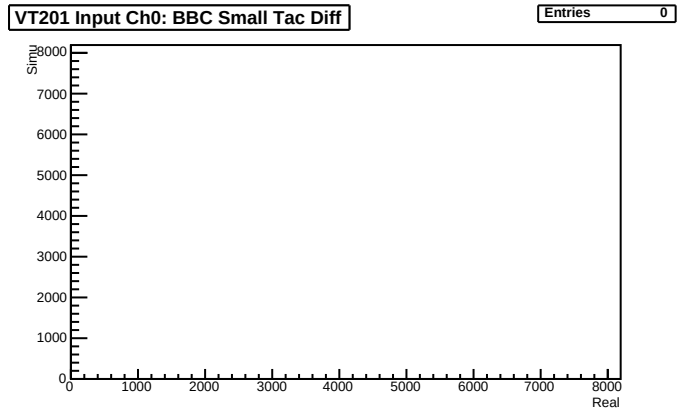

zdcWestTac
Entries 611865

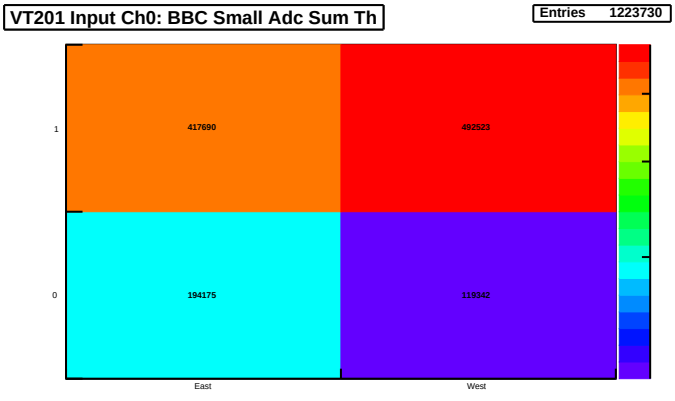

zdcWestTacVsSimu
Entries 2654
Data
Simu

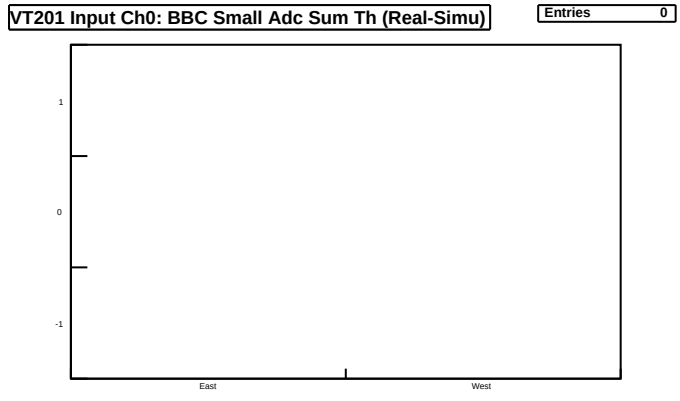

zdcAdcSum
Entries 7342380
40383
4962
21
18
7
4
133825
5840
62
51
40
31
571482
606903
611844
611847
611858
611861
478040
606025
611803
611814
611825
611834
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

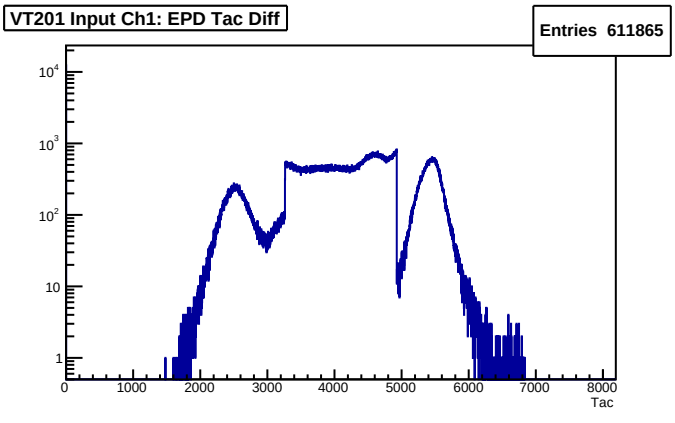

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

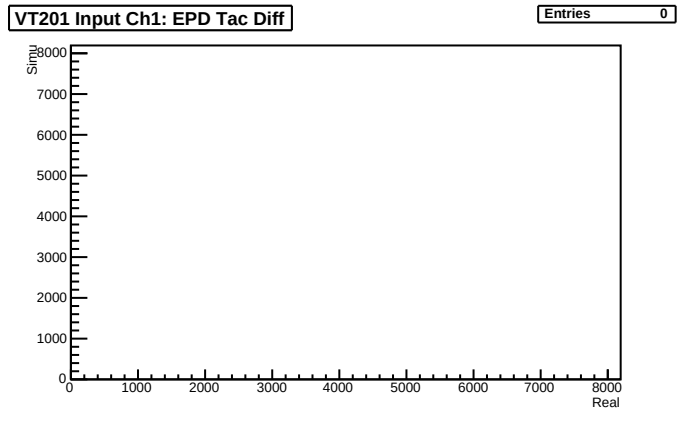

VT201 Input Ch0: BBC Small Tac Diff
Entries 611865
Tac

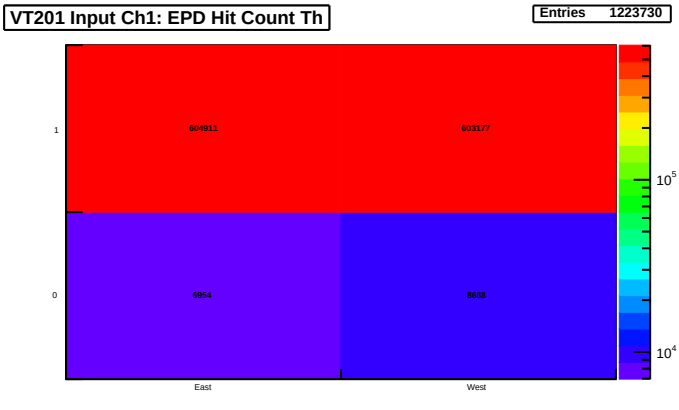

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

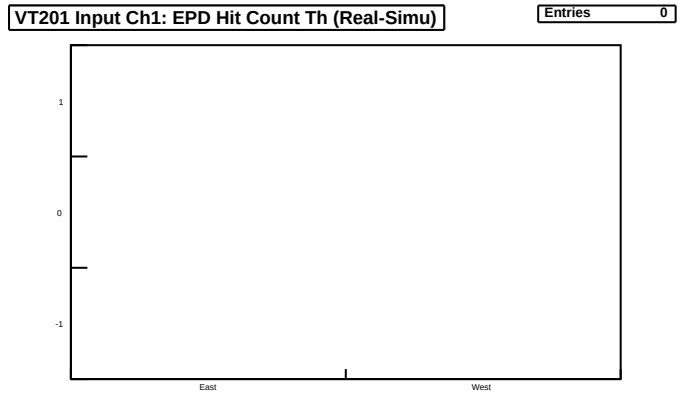

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1223730
417690
492523
194175
119342
East
West

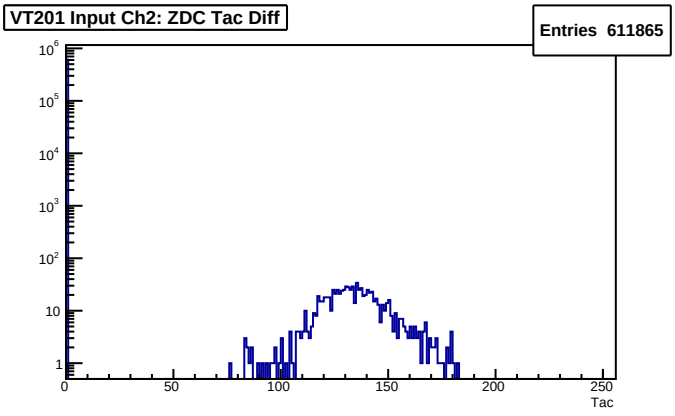

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

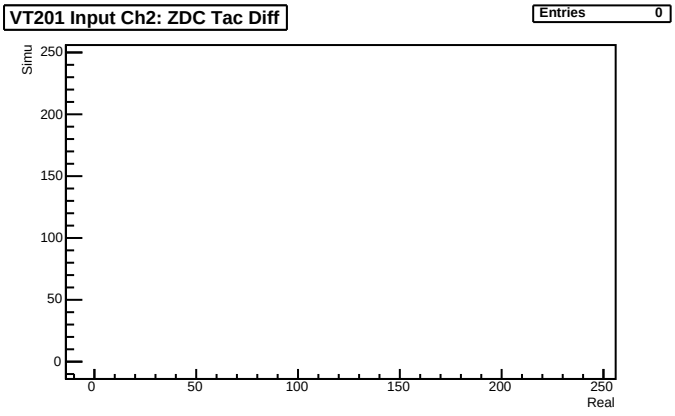

VT201 Input Ch1: EPD Tac Diff
Entries 611865
Tac

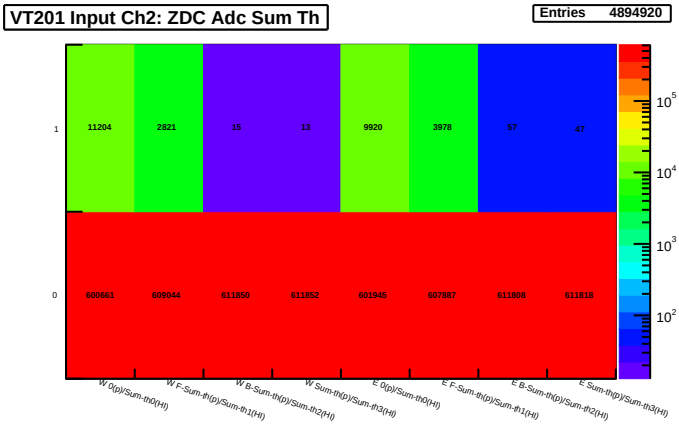

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

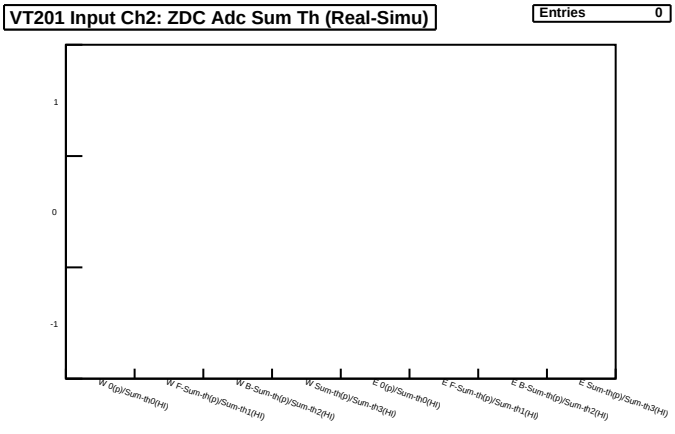

VT201 Input Ch1: EPD Hit Count Th
Entries 1223730
604911
603177
6954
8688
East
West

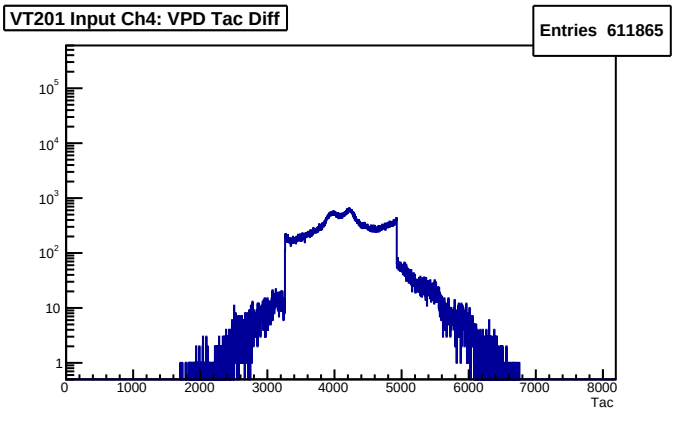

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

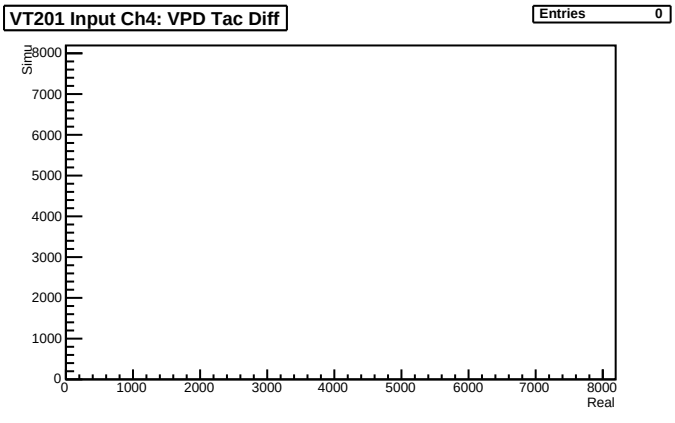

VT201 Input Ch2: ZDC Tac Diff
Entries 611865
Tac

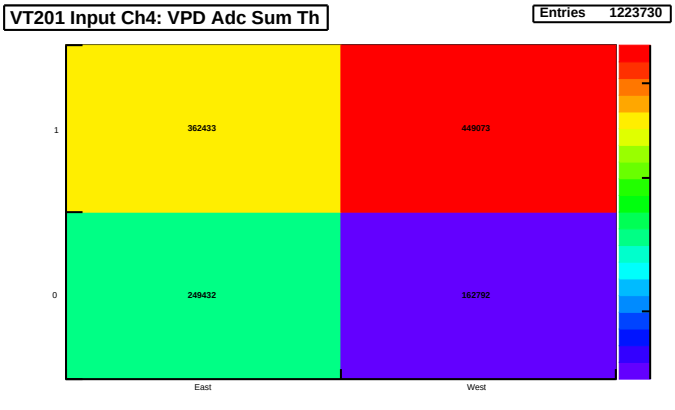

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

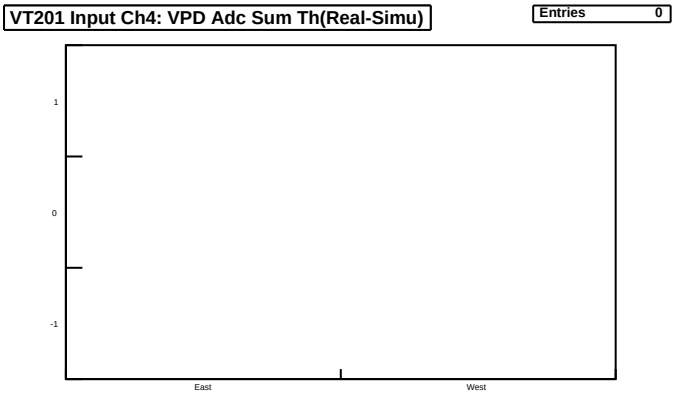

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4894920
11204
2821
15
13
9920
3978
57
47
600661
609044
611850
611852
601945
607887
611808
611818
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

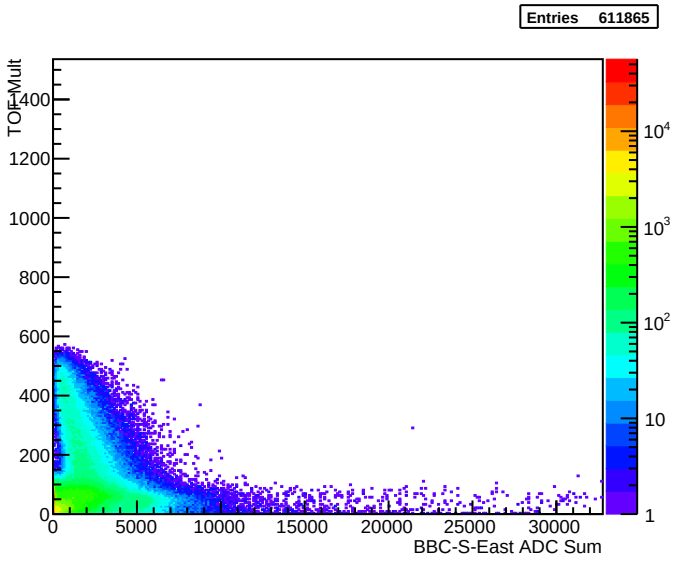

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

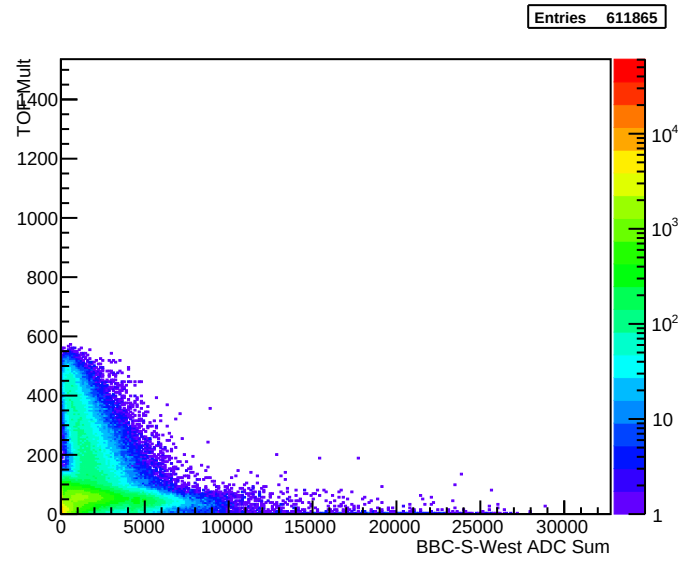

VT201 Input Ch4: VPD Tac Diff
Entries 611865
Tac

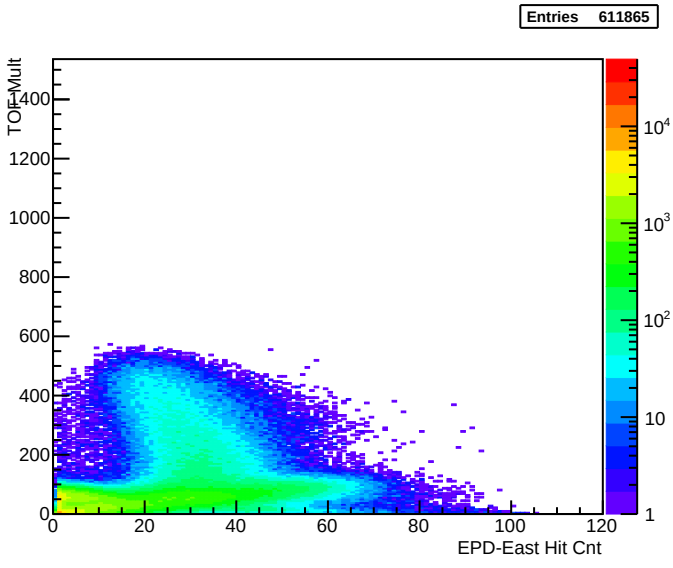

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

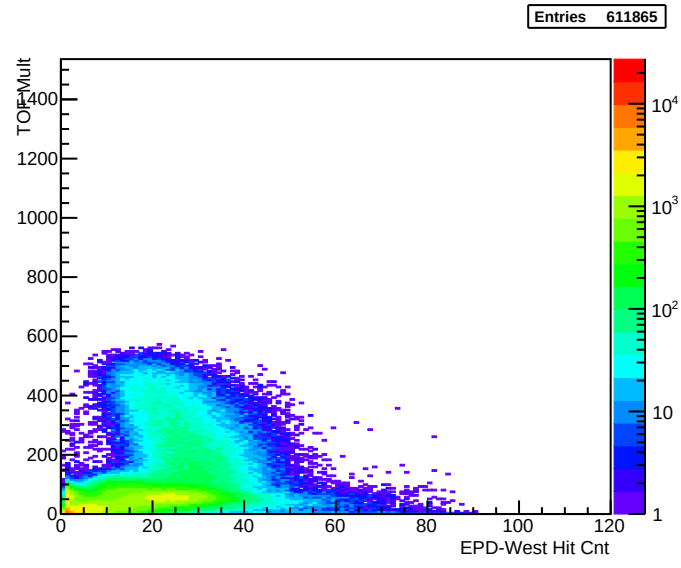

VT201 Input Ch4: VPD Adc Sum Th
Entries 1223730
362433
449073
249432
162792
East
West

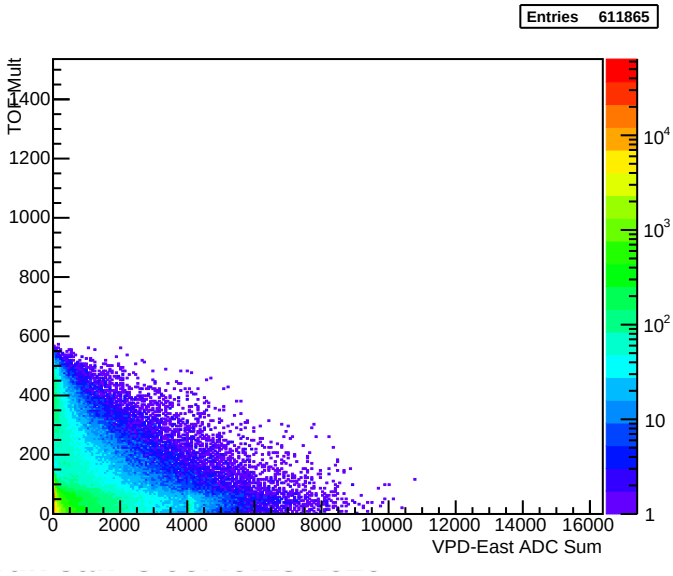

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

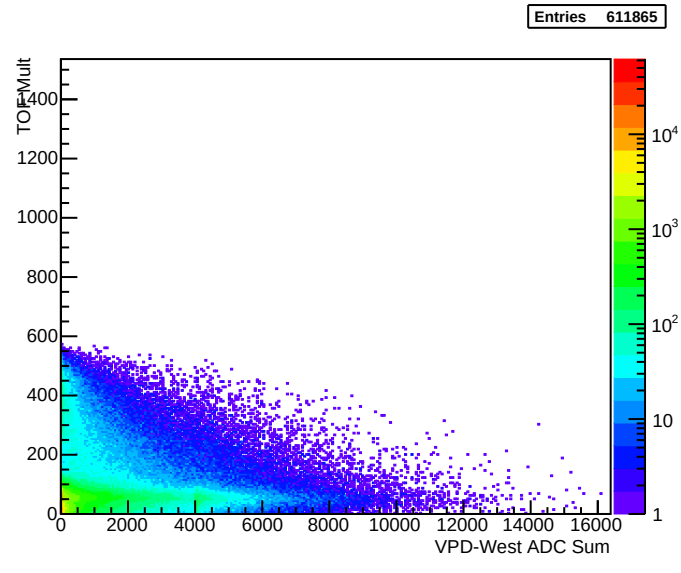

Entries 611865
TOF-Mult
BBC-S-East ADC Sum

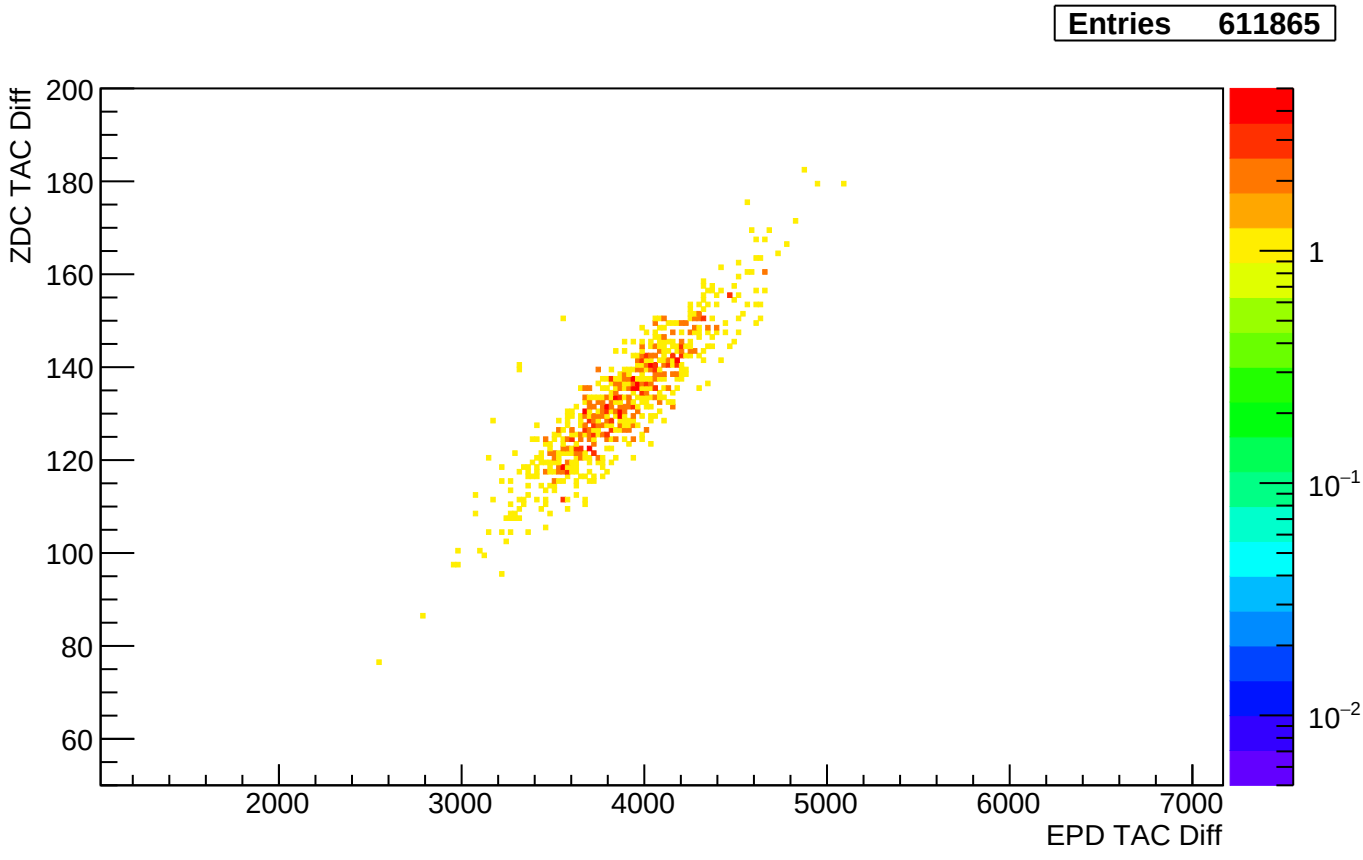

Entries 611865
TOF-Mult
BBC-S-West ADC Sum

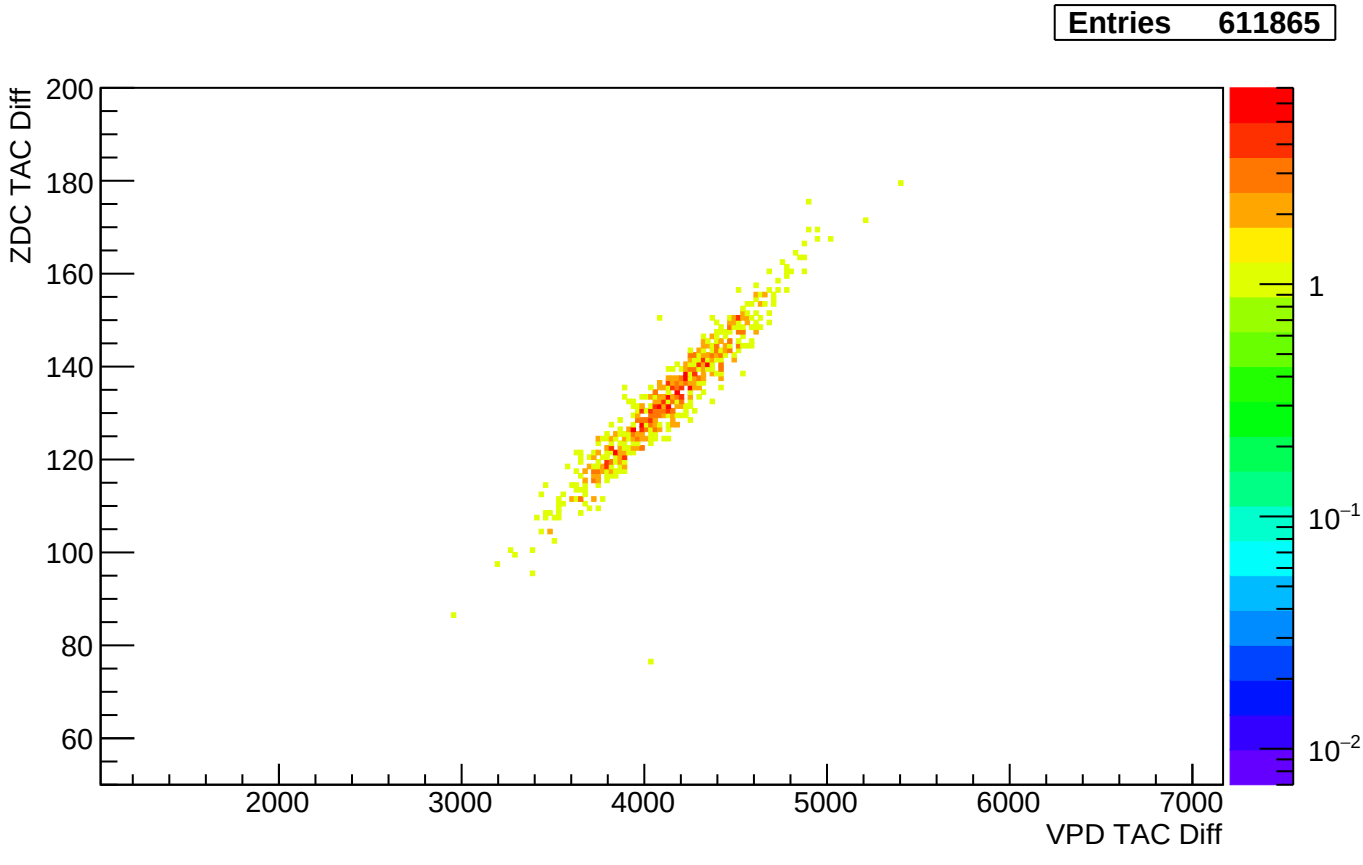

Entries 611865
TOF-Mult
EPD-East Hit Cnt

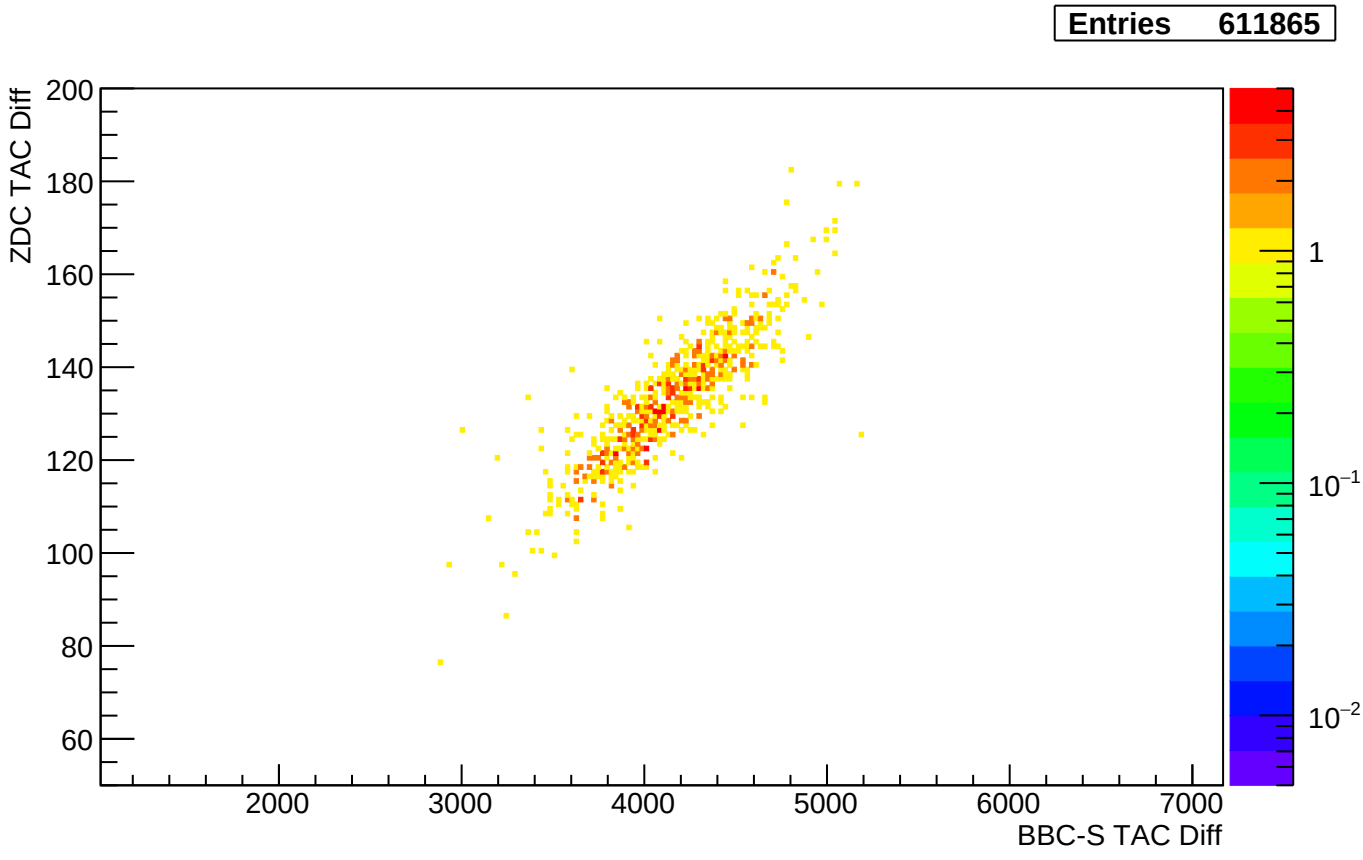

Entries 611865
TOF-Mult
EPD-West Hit Cnt

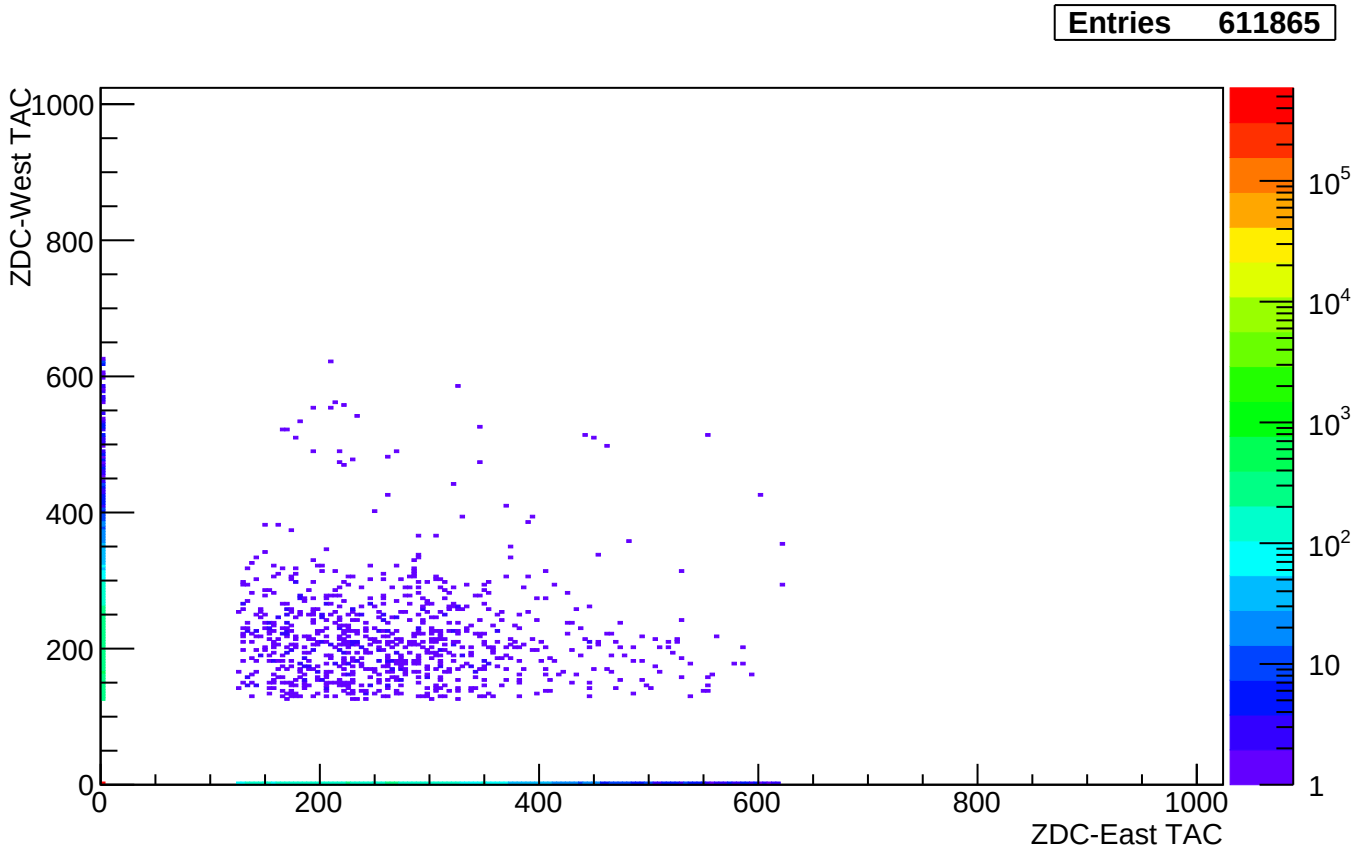

Entries 611865
TOF-Mult
VPD-East ADC Sum

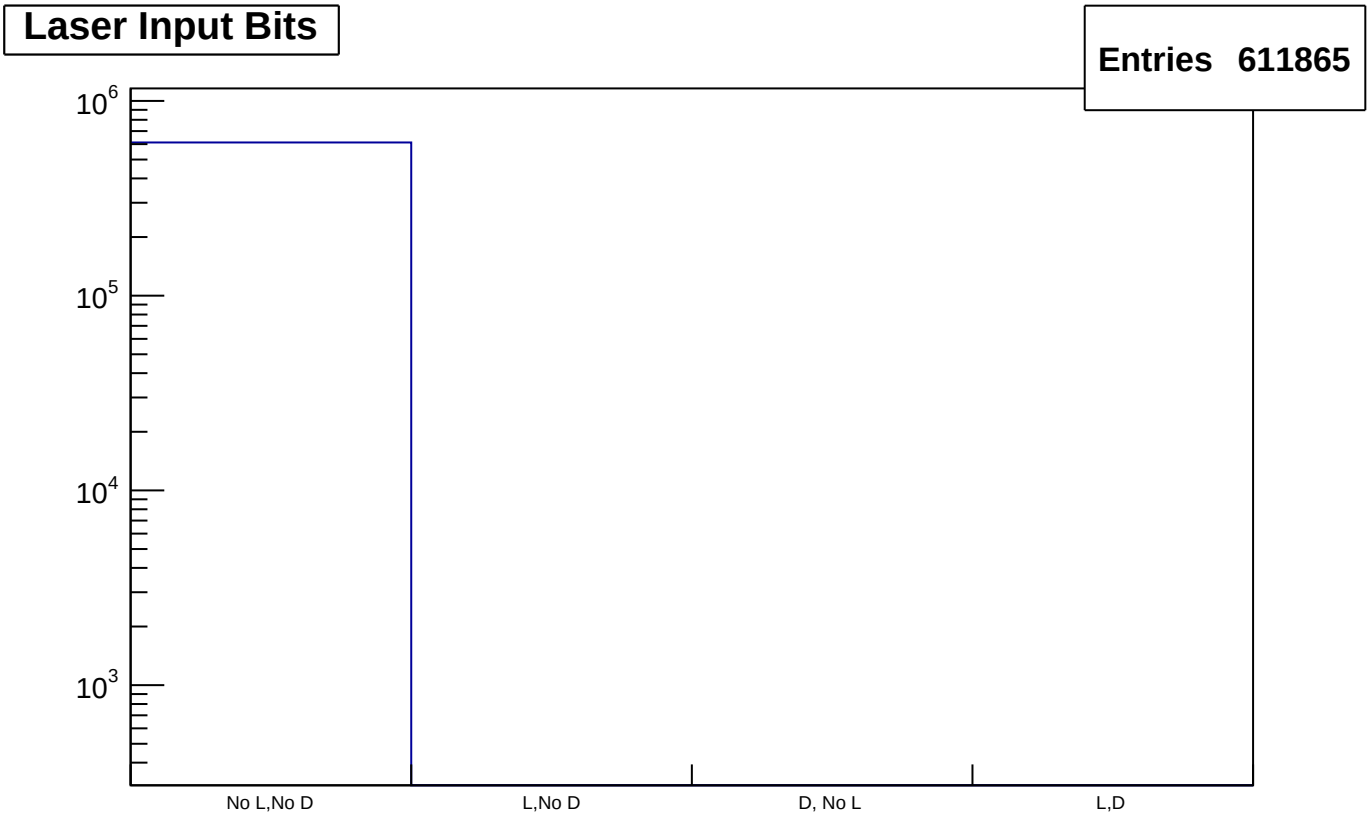

Entries 611865
TOF-Mult
VPD-West ADC Sum

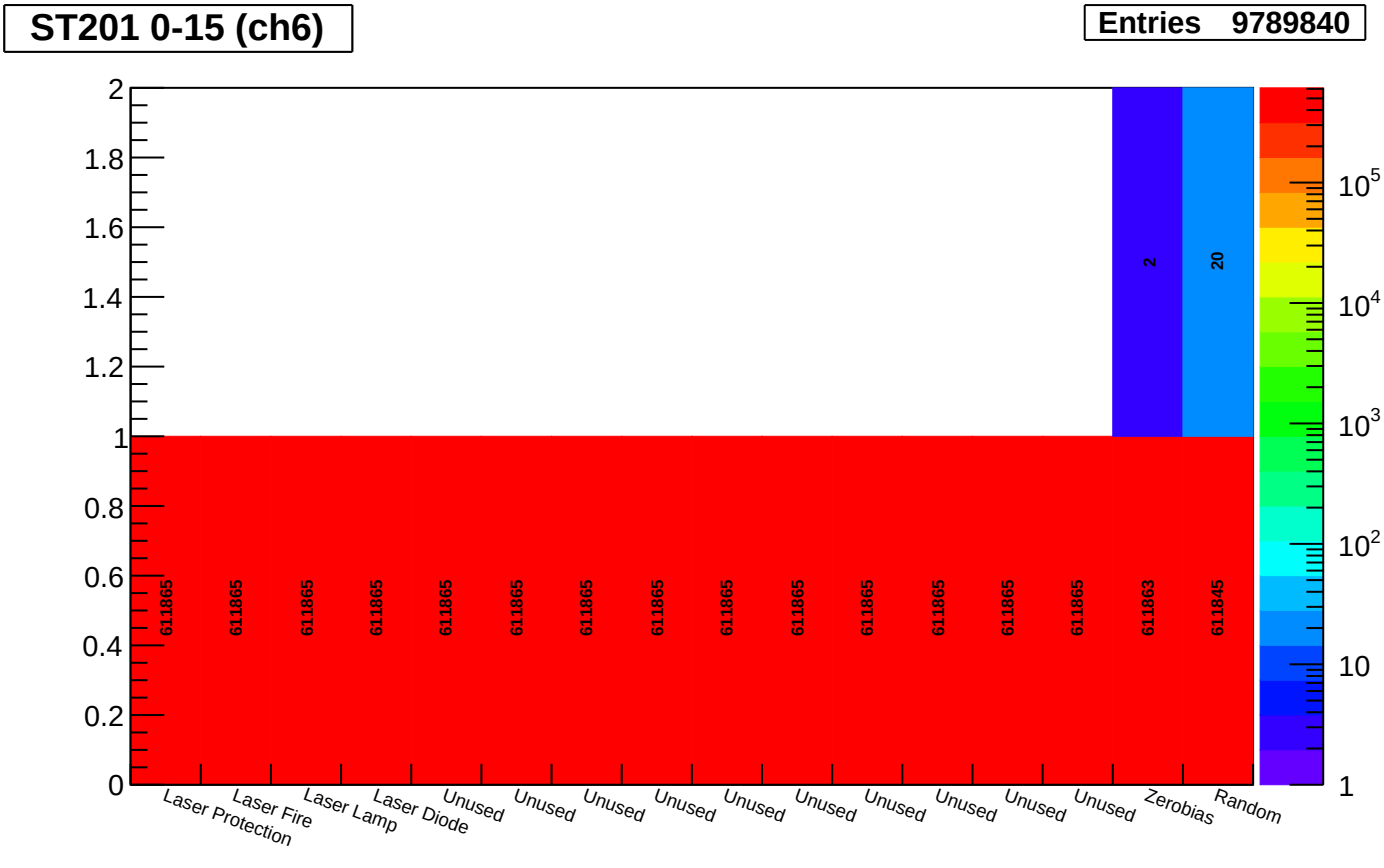

Entries 611865
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

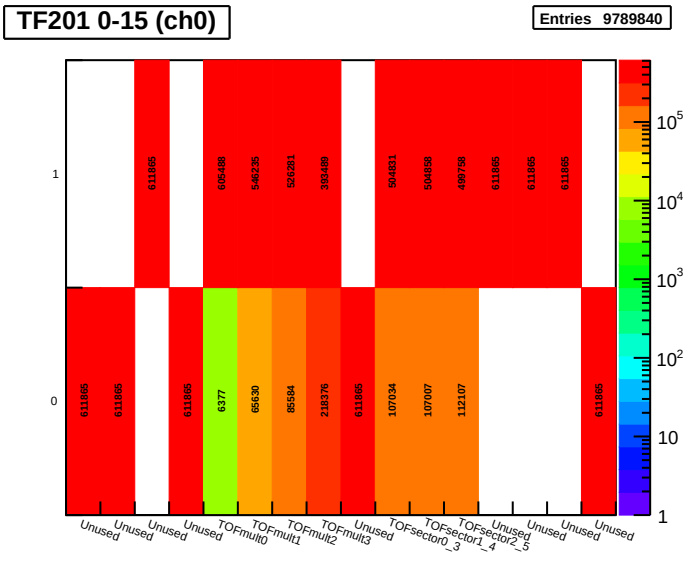

Entries 611865
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

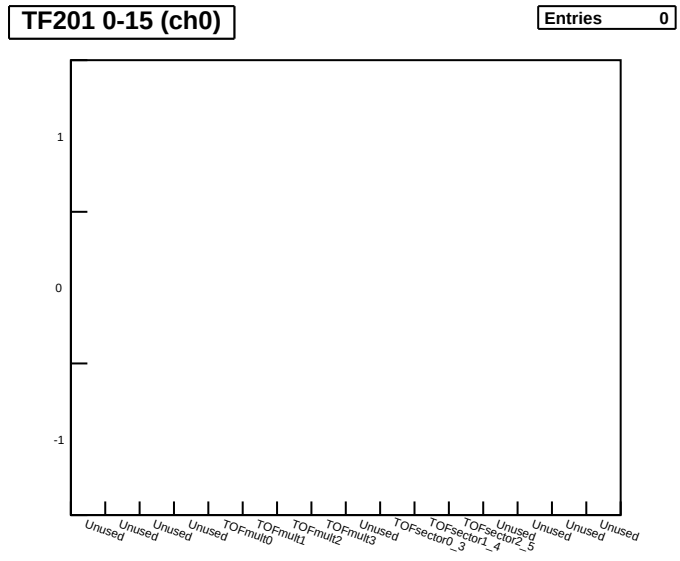

Entries 611865
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

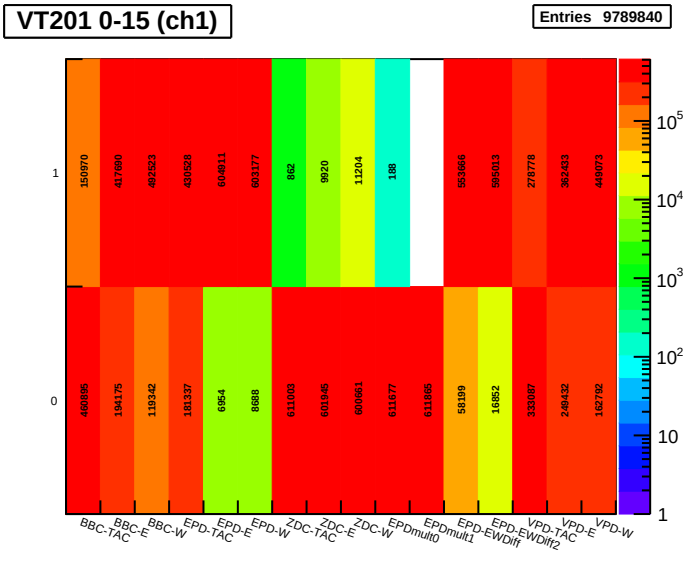

Entries 611865
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

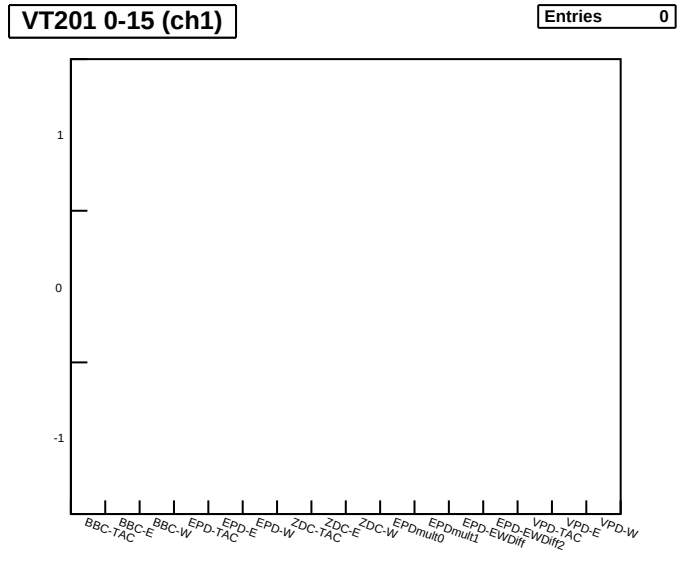

Laser Input Bits
Entries 611865
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

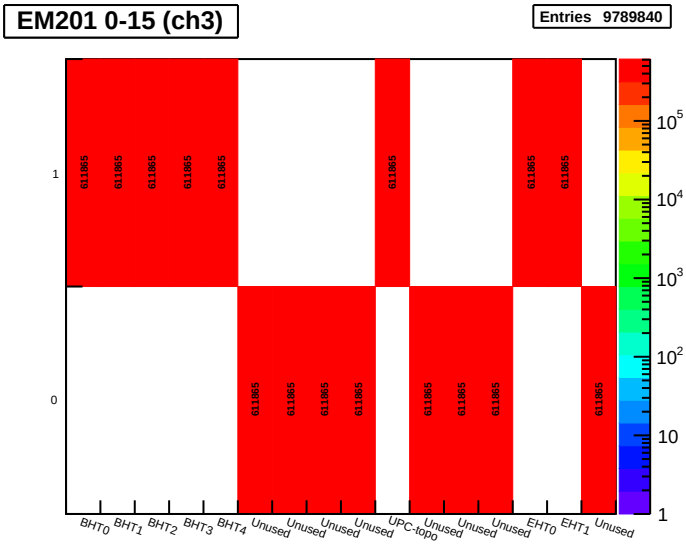

ST201 0-15 (ch6)
Entries 9789840
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
611865
611863
611845
2
20
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

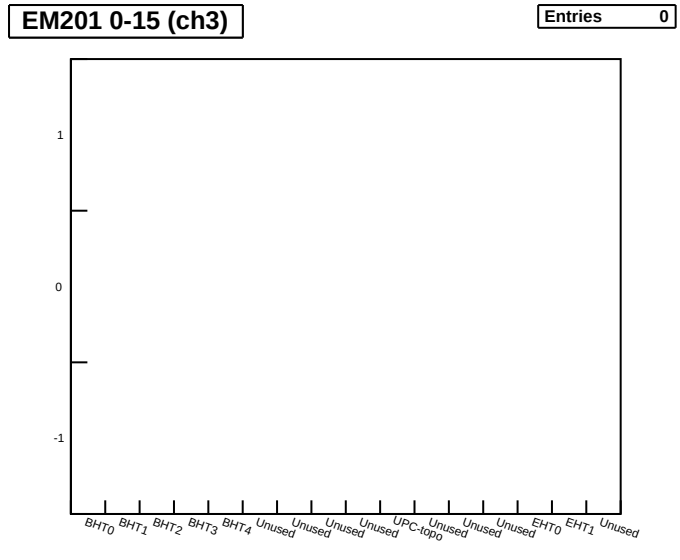

TF201 0-15 (ch0)
Entries 9789840
1
0
611865
605488
546235
526231
393489
504831
504858
499758
611865
611865
611865
611865
611865
6377
65630
85584
218376
611865
107034
107007
112107
611865
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 9789840
1
0
150970
417690
492523
430528
604911
603177
862
9920
11204
188
553666
595013
278778
362433
449073
460895
194175
119342
181337
6954
8688
611003
601945
600661
611677
611865
58199
16852
333087
249432
162792
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 9789840
1
0
611865
611865
611865
611865
611865
611865
611865
611865
611865
611865
611865
611865
611865
611865
611865
611865
611865
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