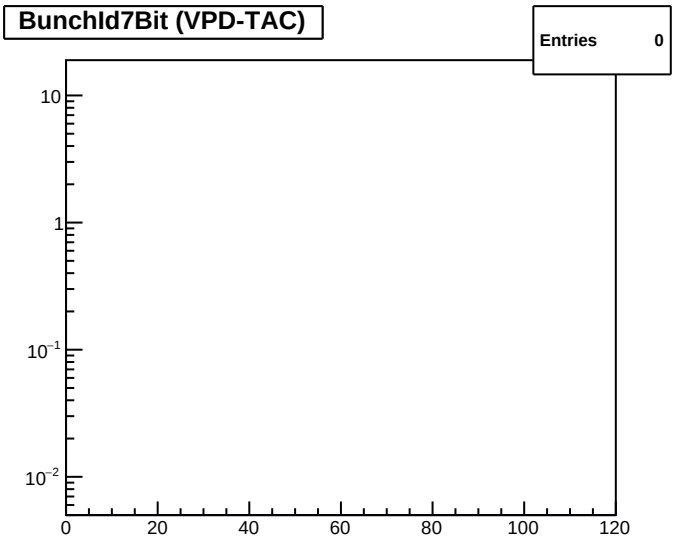
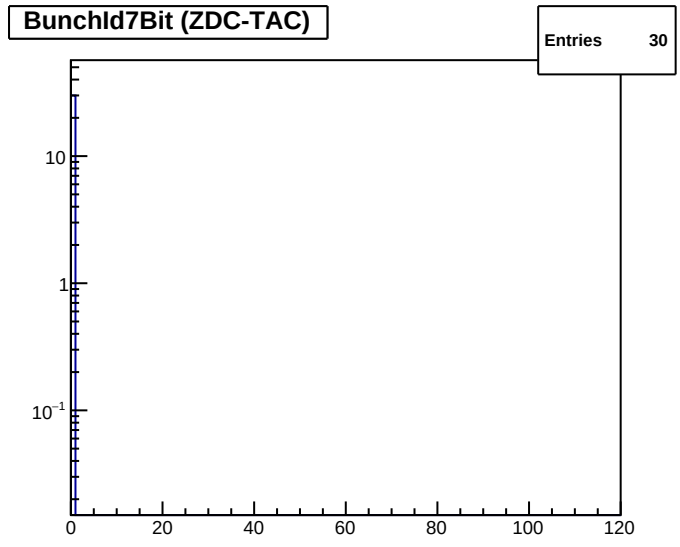
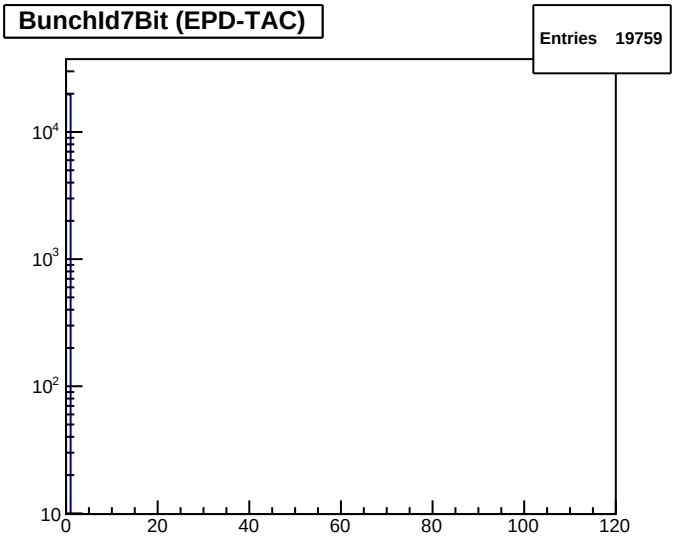
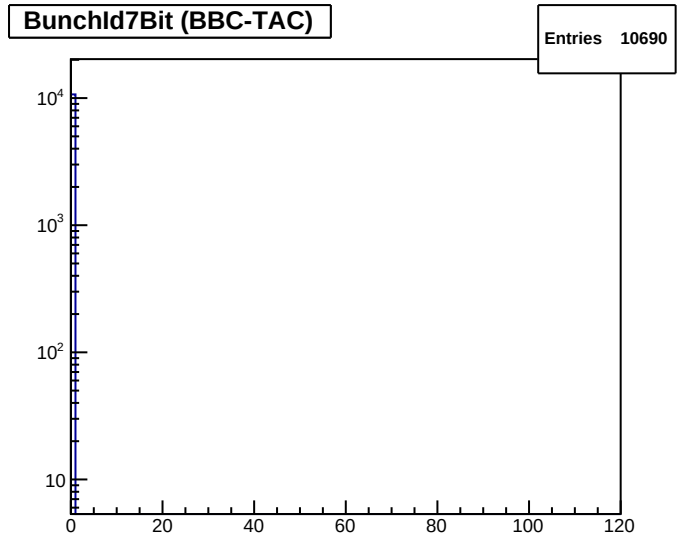
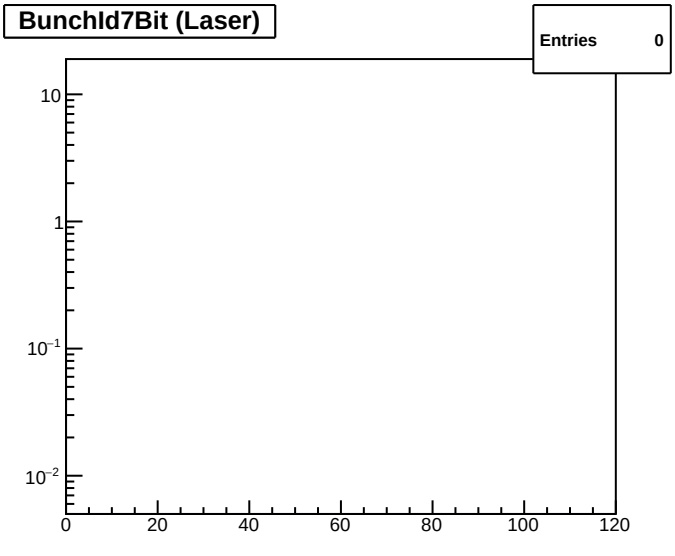
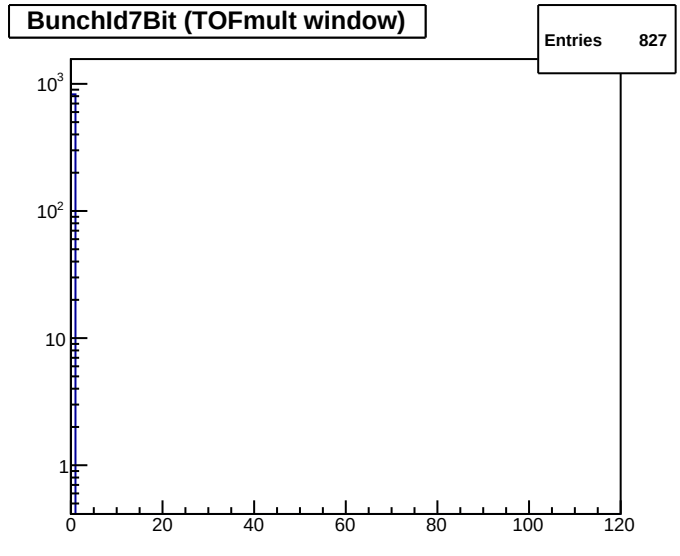

BunchId7Bit (VPD-TAC)
Entries 0

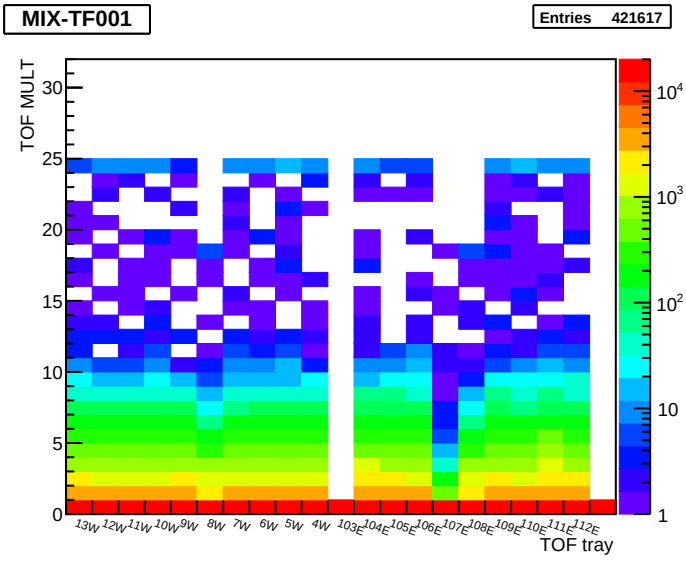

BunchId7Bit (ZDC-TAC)
Entries 30

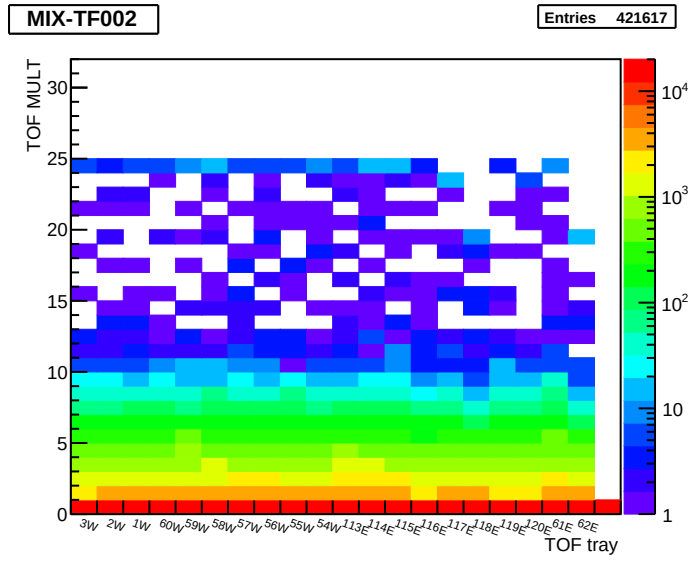

BunchId7Bit (EPD-TAC)
Entries 19759

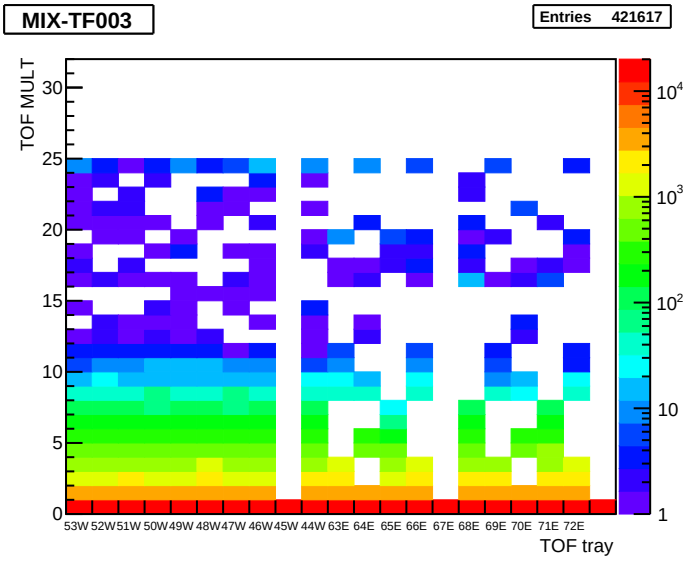

BunchId7Bit (BBC-TAC)
Entries 10690

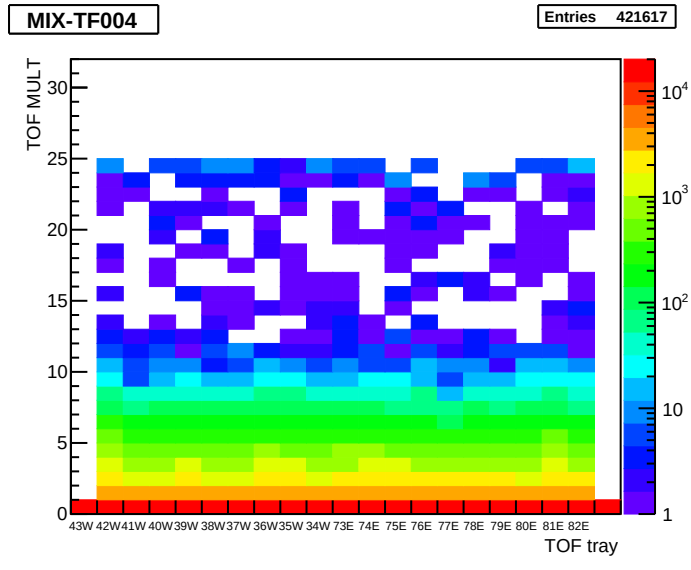

BunchId7Bit (Laser)
Entries 0

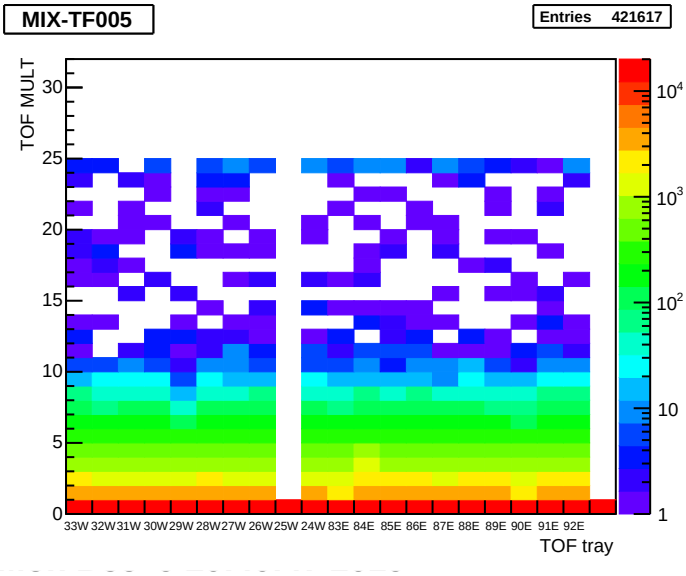

BunchId7Bit (TOFmult window)
Entries 827

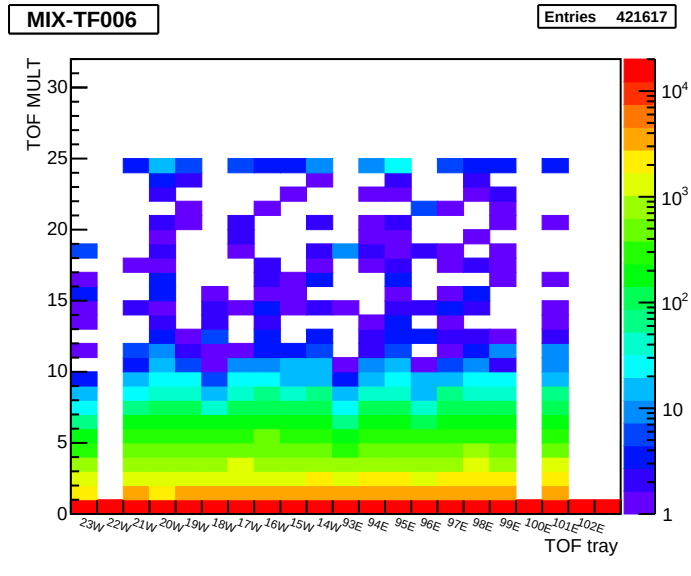

MIX-TF001
Entries 421617
TOF MULT
TOF tray

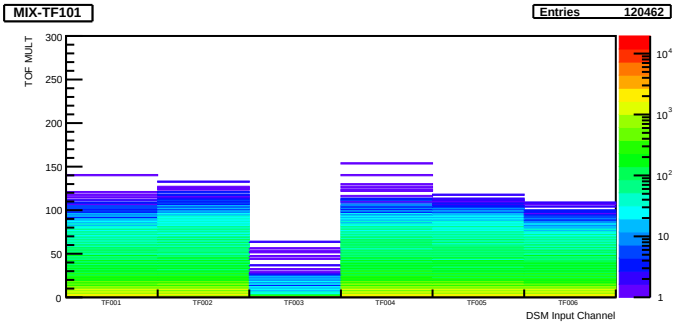

MIX-TF002
Entries 421617
TOF MULT
TOF tray

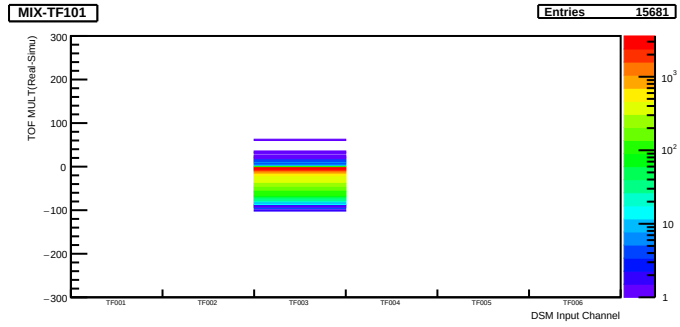

MIX-TF003
Entries 421617
TOF MULT
TOF tray

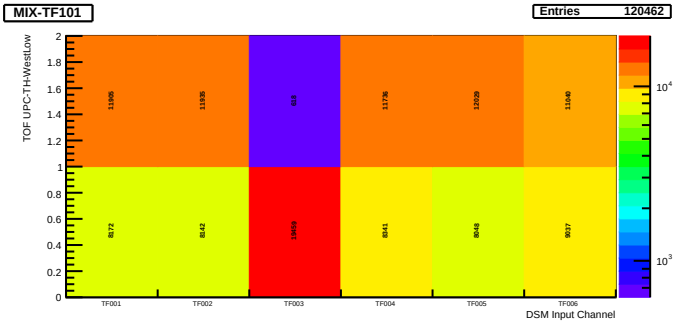

MIX-TF004
Entries 421617
TOF MULT
TOF tray

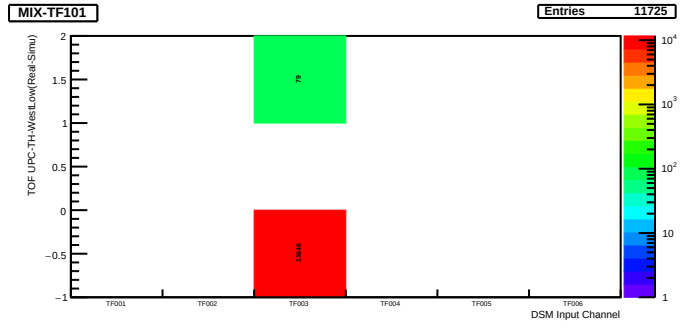

MIX-TF005
Entries 421617
TOF MULT
TOF tray

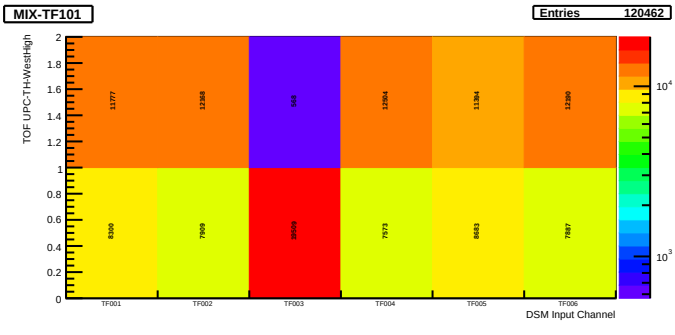

MIX-TF006
Entries 421617
TOF MULT
TOF tray

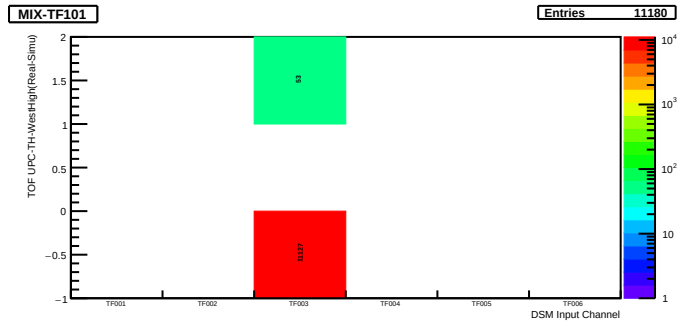

MIX-TF101
Entries 120462
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

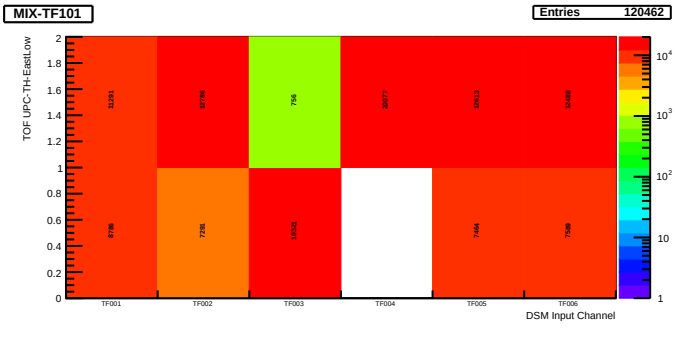

MIX-TF101
Entries 15681
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

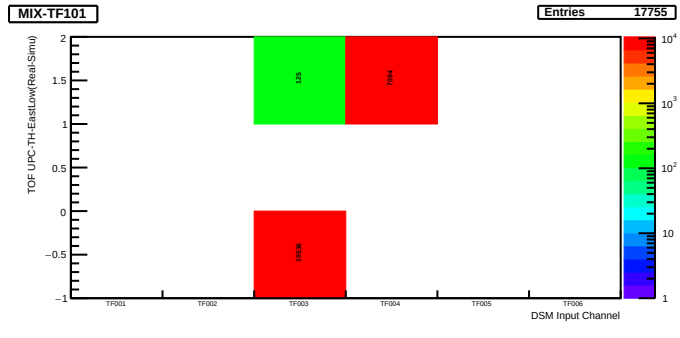

MIX-TF101
Entries 120462
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

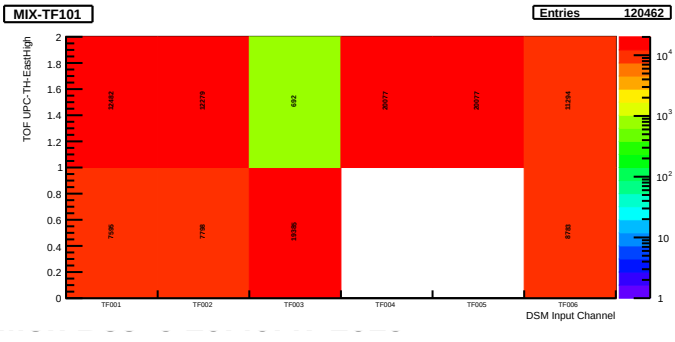

MIX-TF101
Entries 11725
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

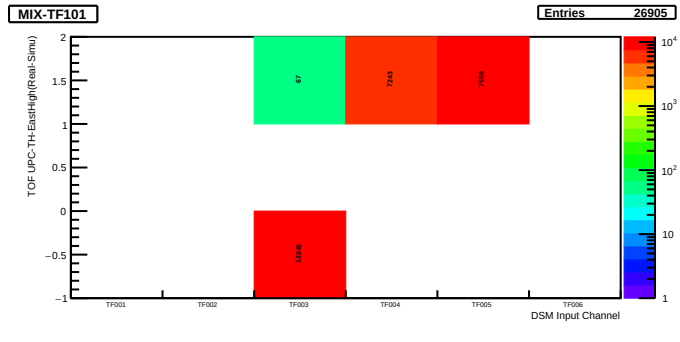

MIX-TF101
Entries 120462
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

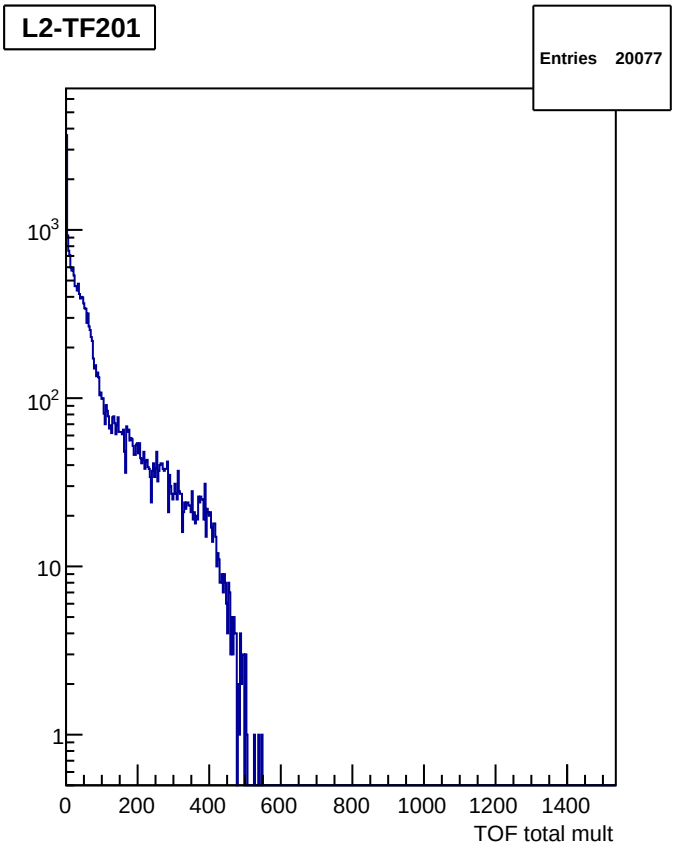

MIX-TF101
Entries 11180
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

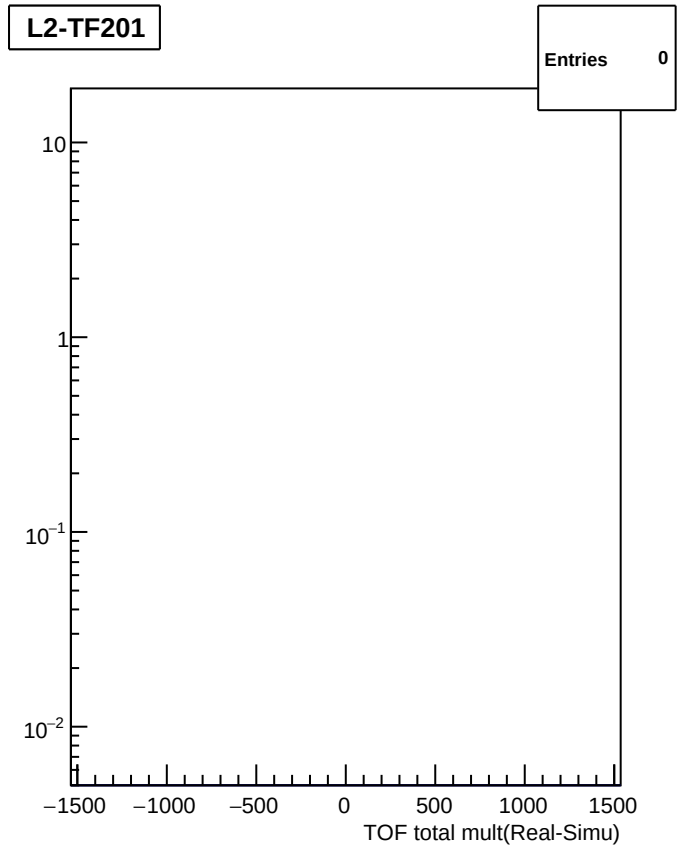

MIX-TF101
Entries 120462
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

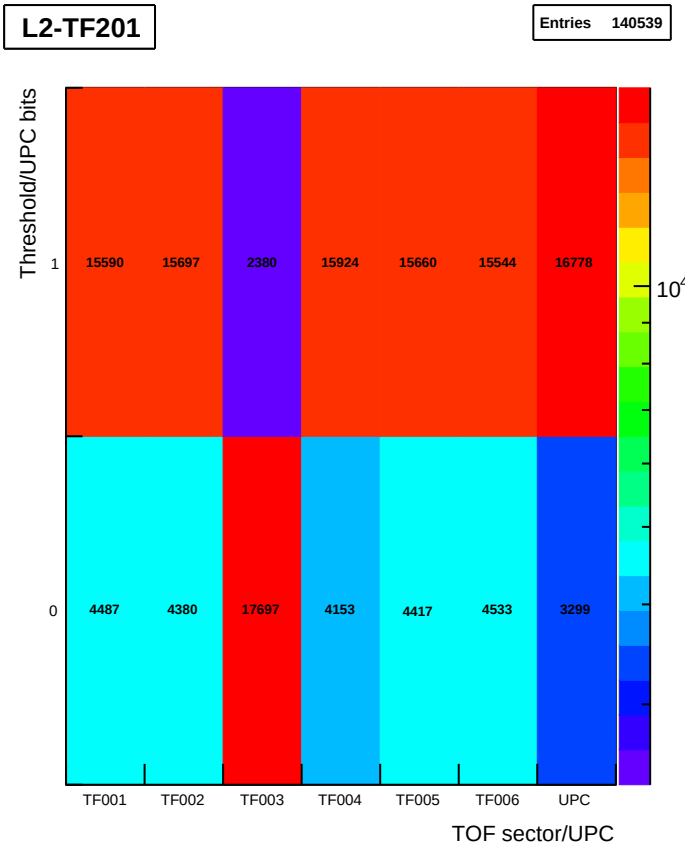

MIX-TF101
Entries 17755
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

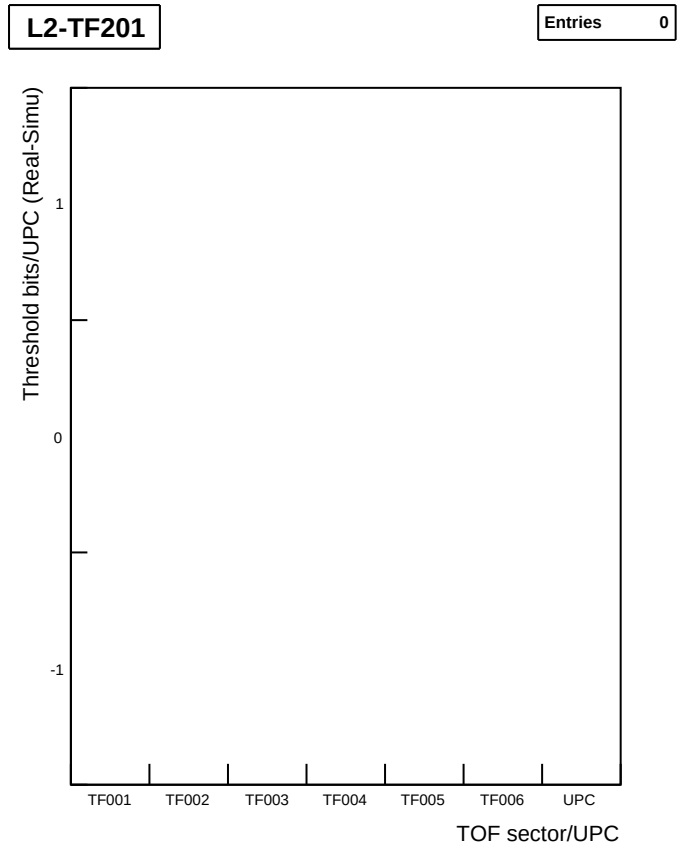

MIX-TF101
Entries 120462
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

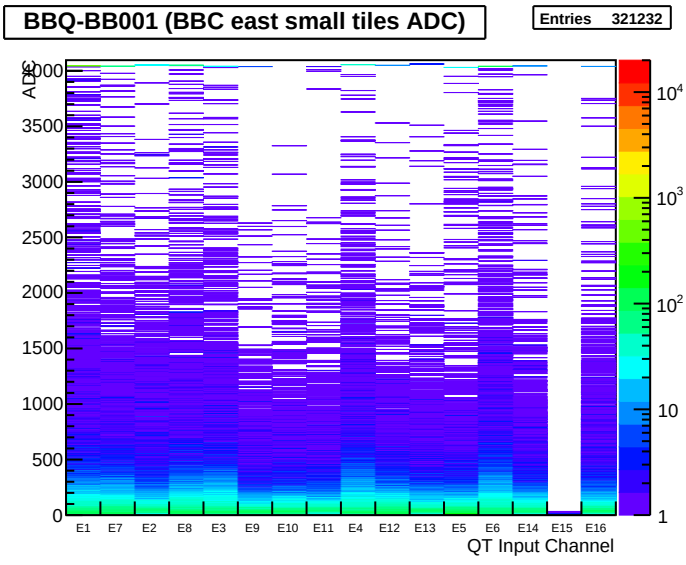

MIX-TF101
Entries 26905
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

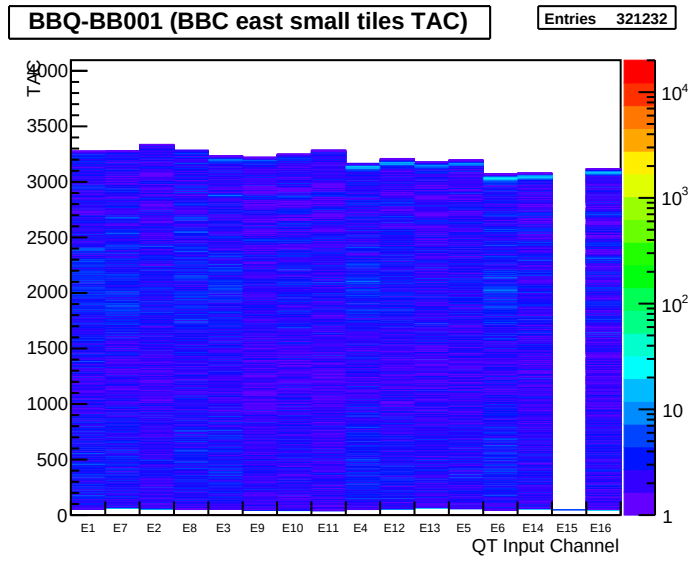

L2-TF201
Entries 20077
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

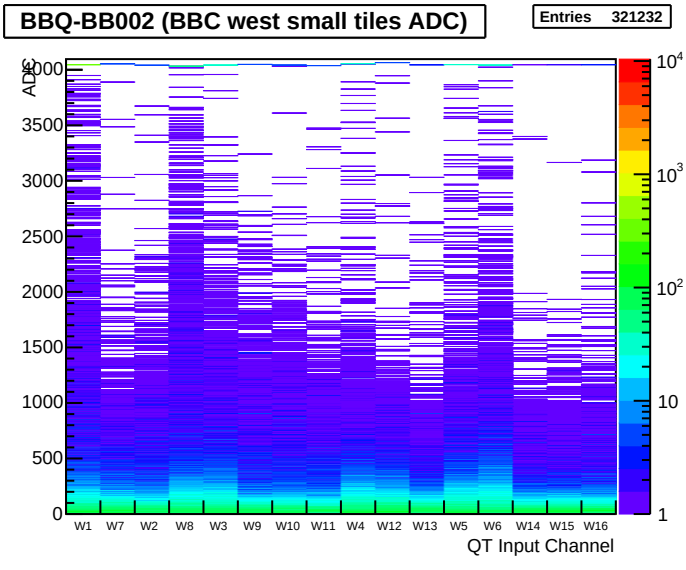

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

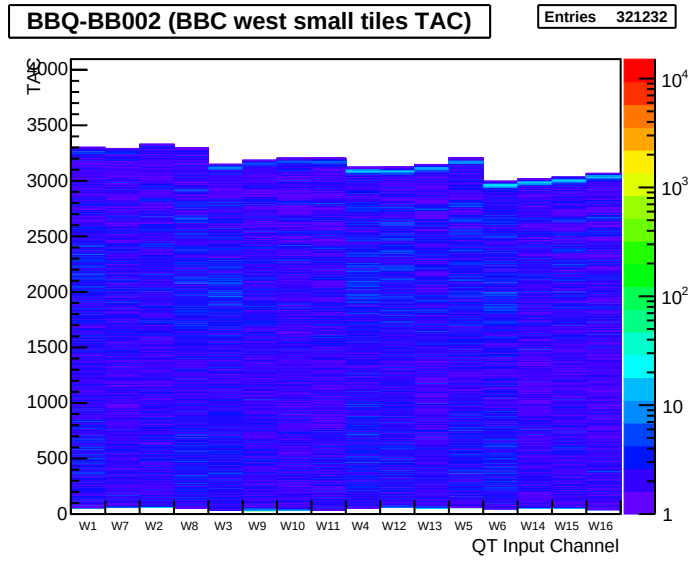

L2-TF201
Entries 140539
Threshold/UPC bits
1
0
15590
15697
2380
15924
15660
15544
16778
4487
4380
17697
4153
4417
4533
3299
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

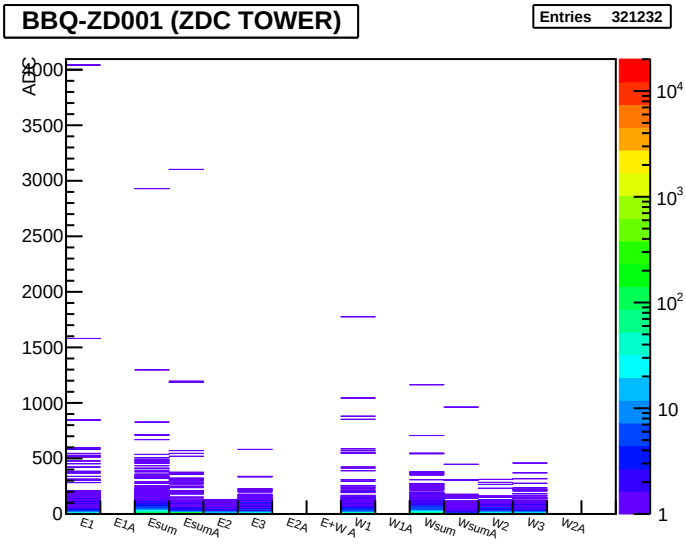

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

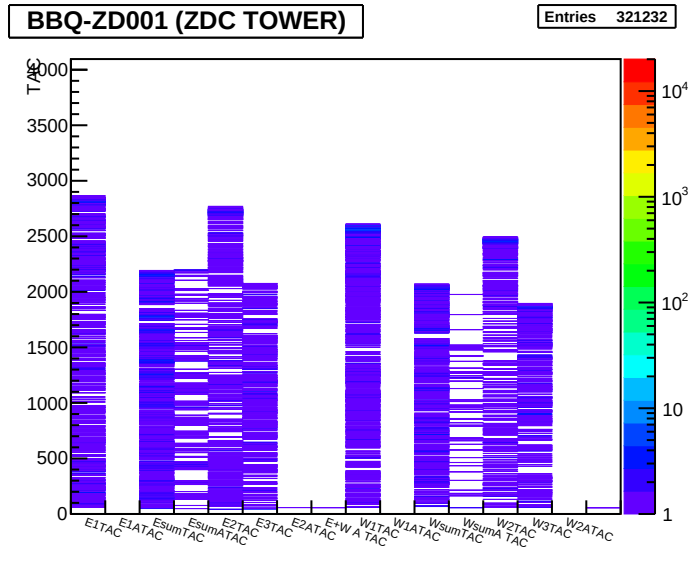

BBQ-BB001 (BBC east small tiles ADC)
Entries 321232
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

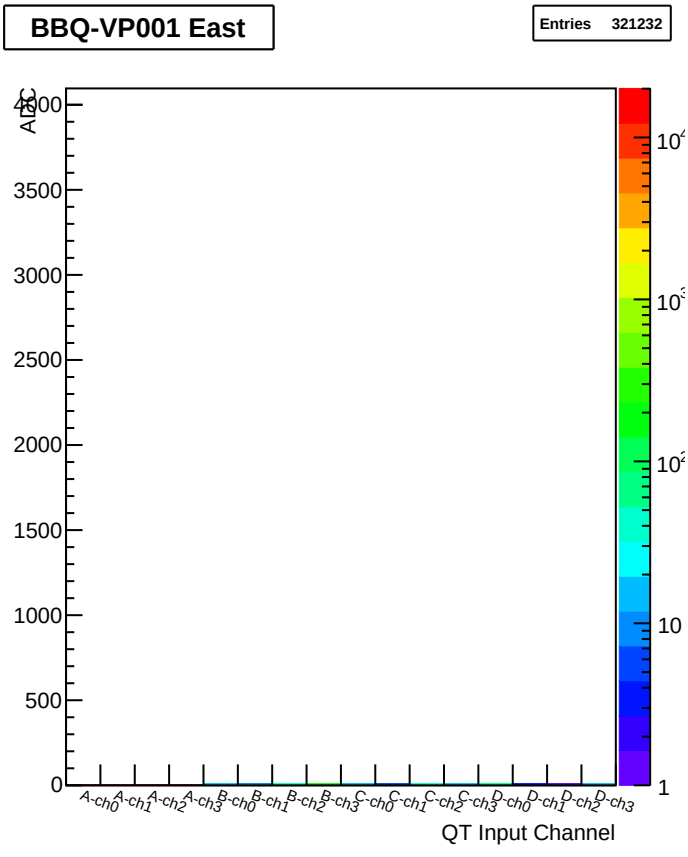

BBQ-BB001 (BBC east small tiles TAC)
Entries 321232
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

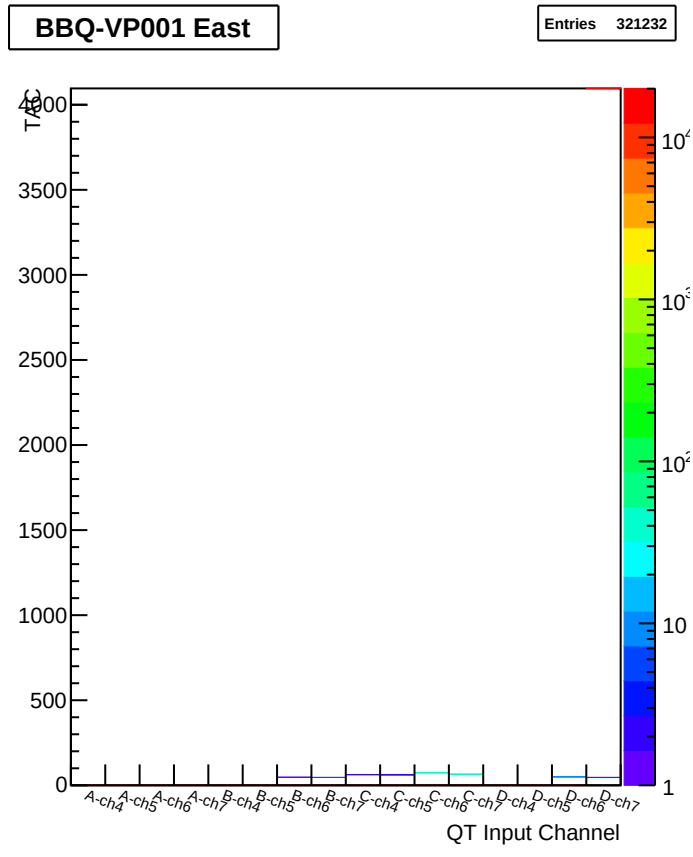

BBQ-BB002 (BBC west small tiles ADC)
Entries 321232
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

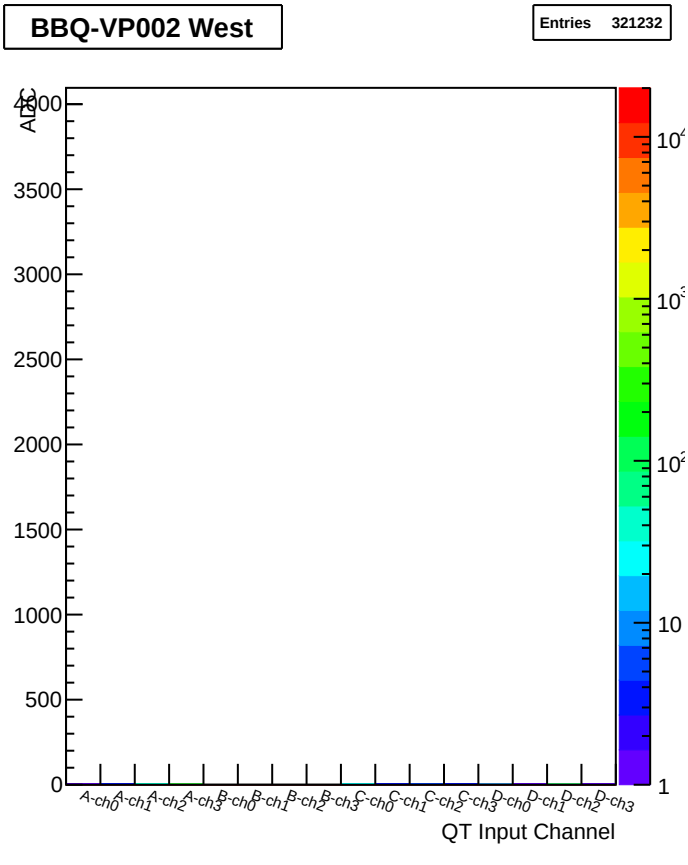

BBQ-BB002 (BBC west small tiles TAC)
Entries 321232
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

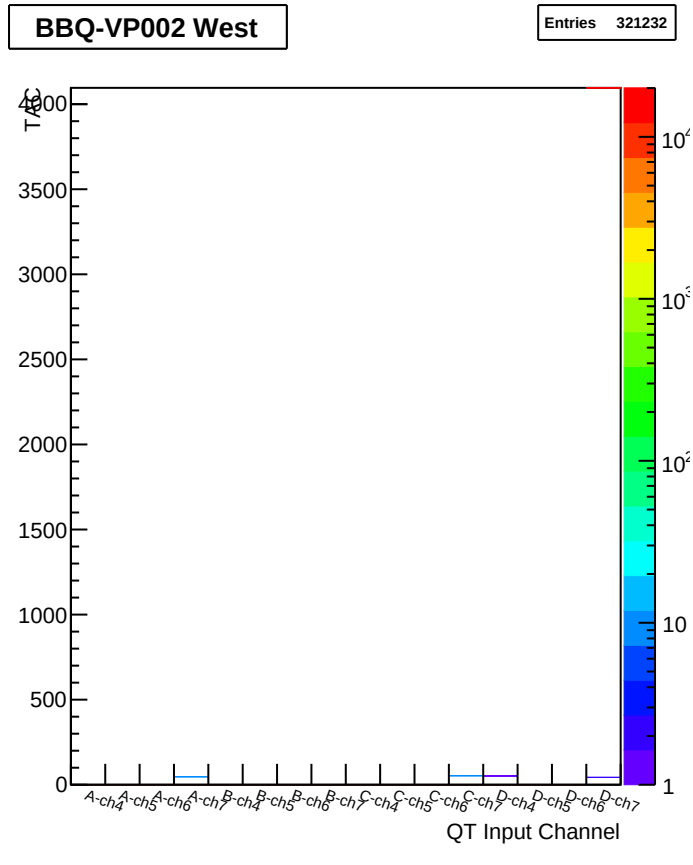

BBQ-ZD001 (ZDC TOWER)
Entries 321232
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

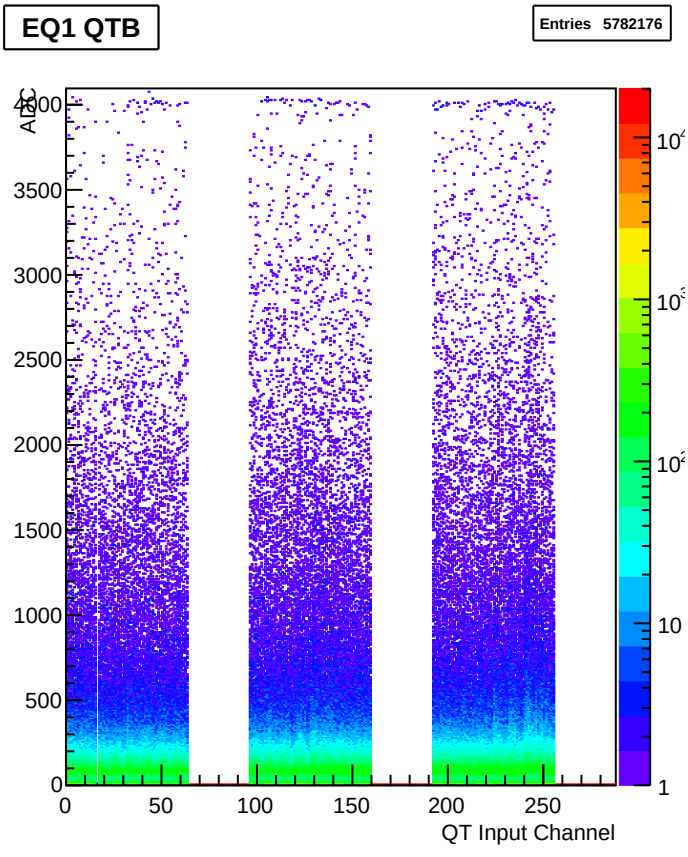

BBQ-ZD001 (ZDC TOWER)
Entries 321232
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

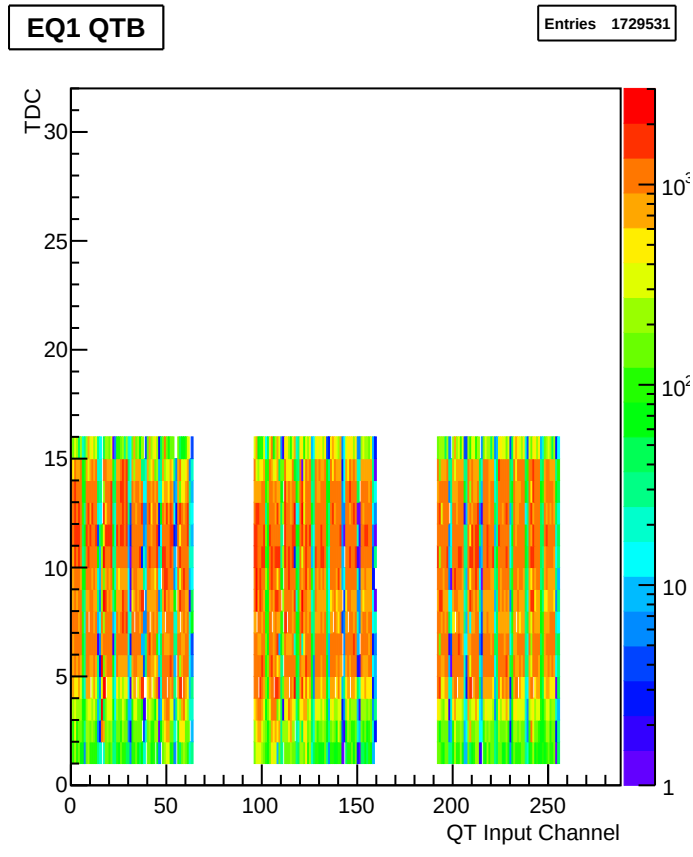

BBQ-VP001 East
Entries 321232
ADC
QT Input Channel

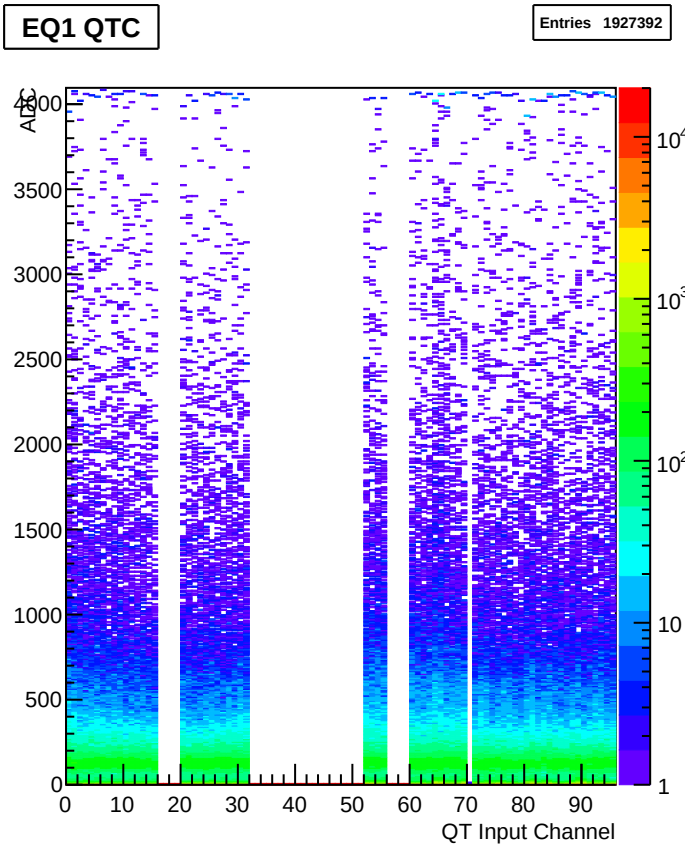

BBQ-VP001 East
Entries 321232
TADC
QT Input Channel

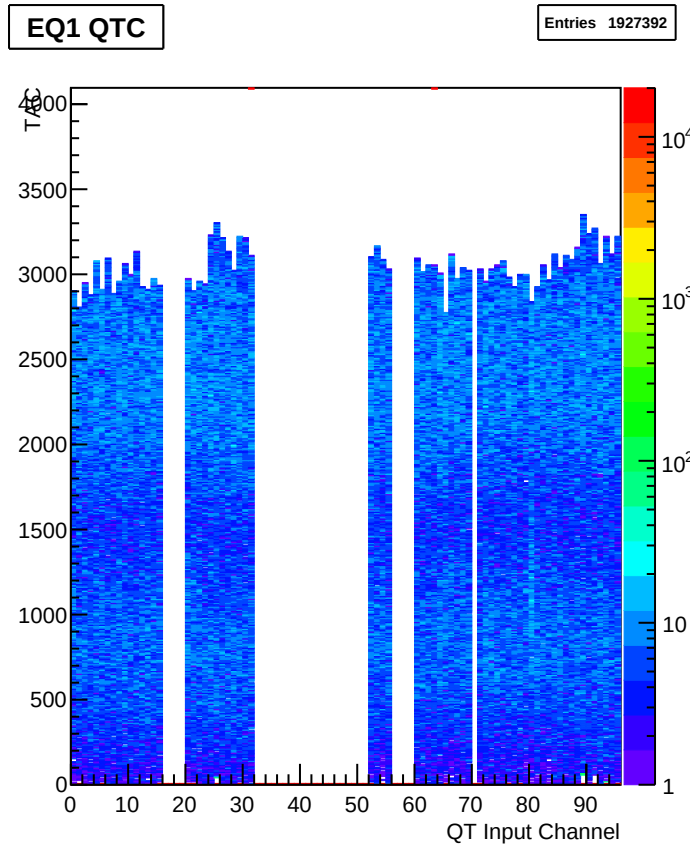

BBQ-VP002 West
Entries 321232
ADC
QT Input Channel

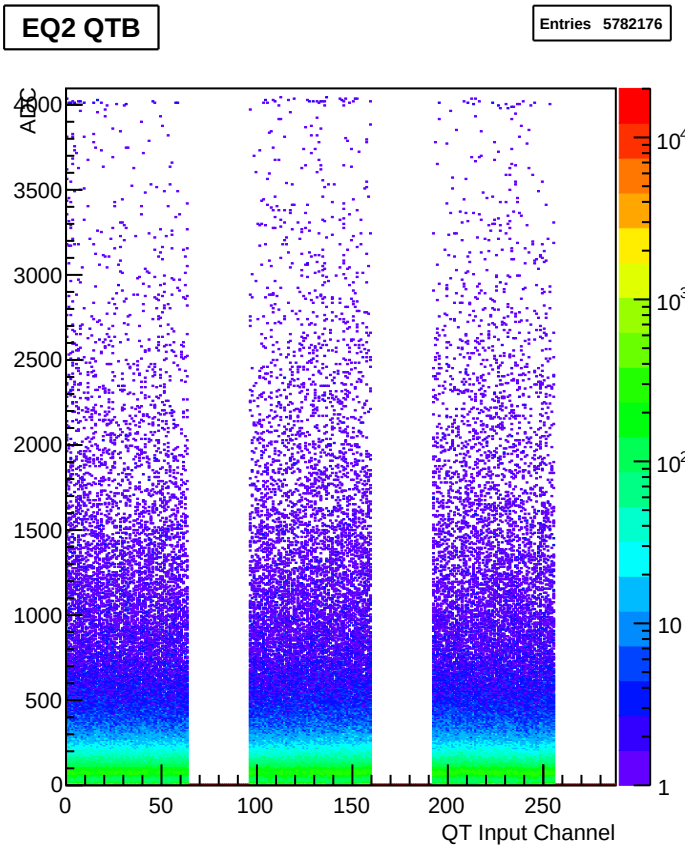

BBQ-VP002 West
Entries 321232
TADC
QT Input Channel

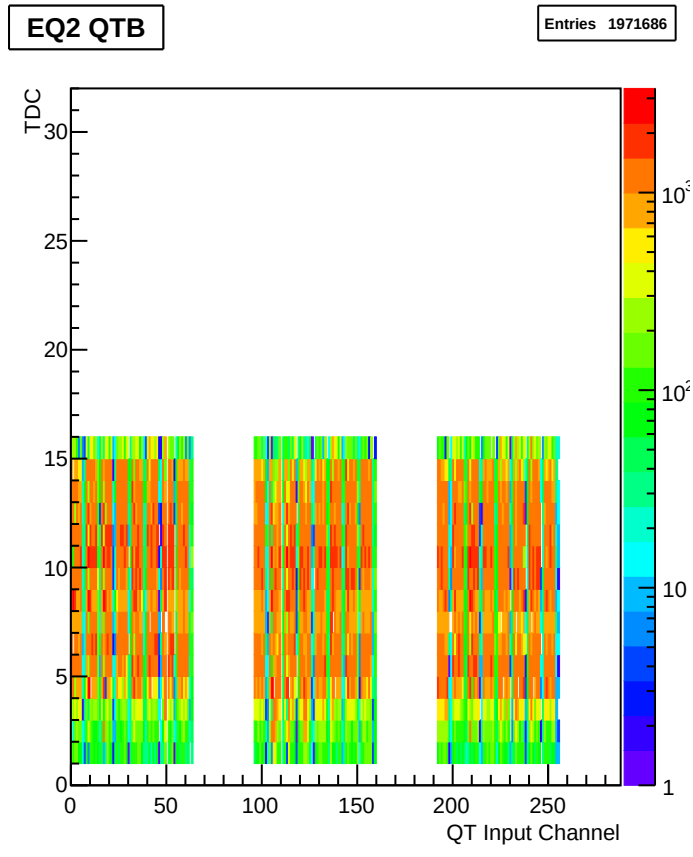

EQ1 QTB
Entries 5782176
ADC
QT Input Channel

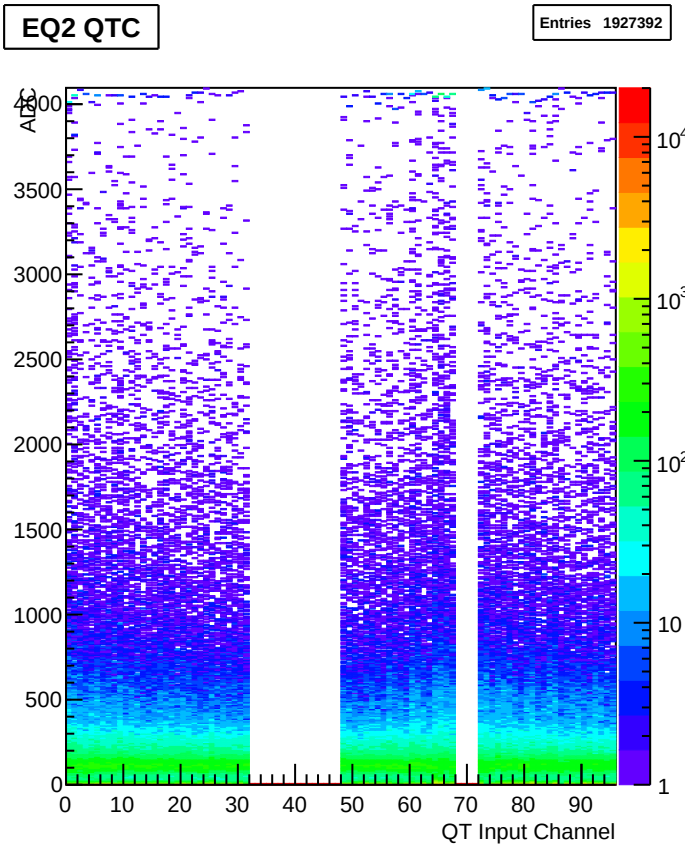

EQ1 QTB
Entries 1729531
TDC
QT Input Channel

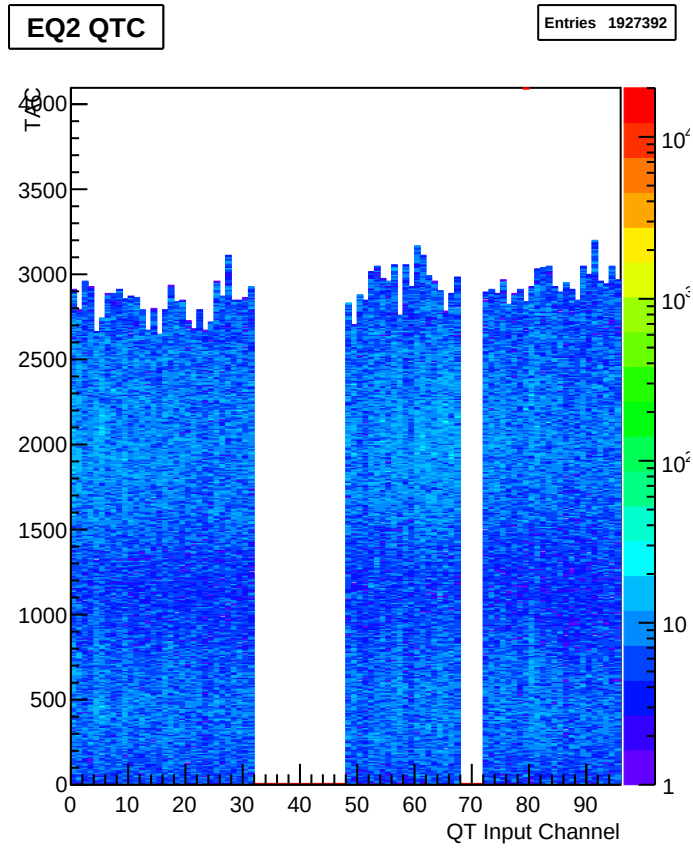

EQ1 QTC
Entries 1927392
ADC
QT Input Channel

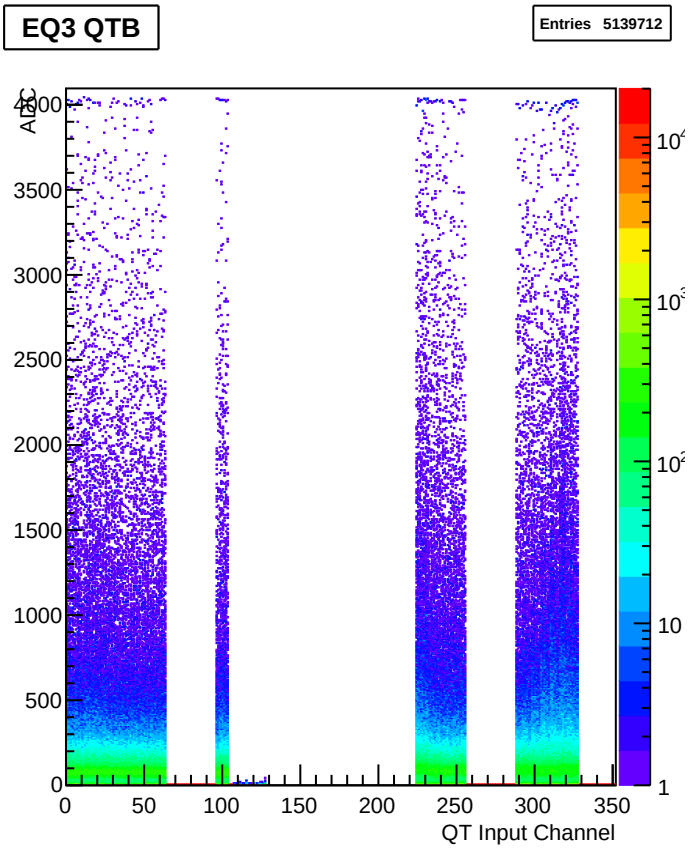

EQ1 QTC
Entries 1927392
TADC
QT Input Channel

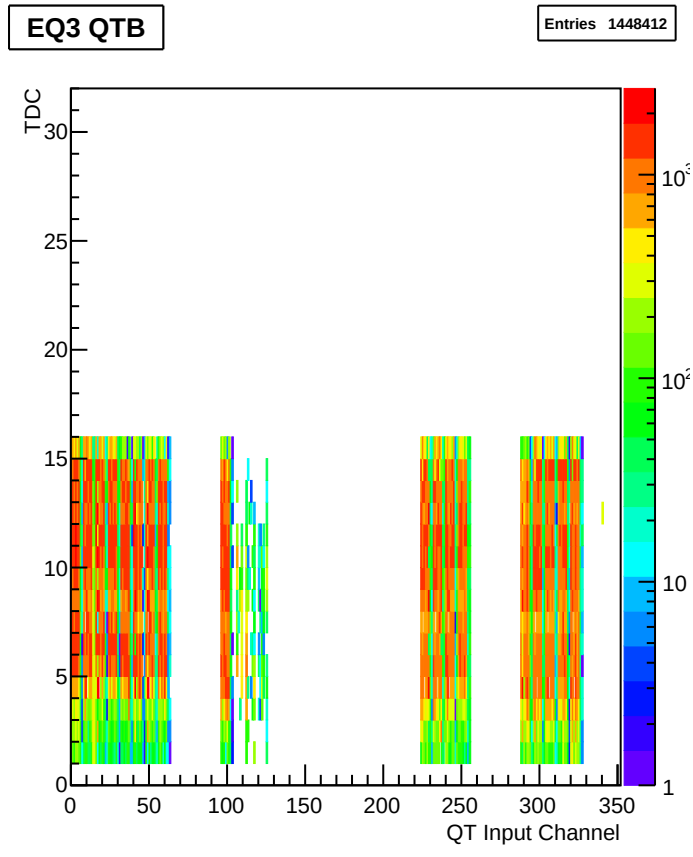

EQ2 QTB
Entries 5782176
ADC
QT Input Channel

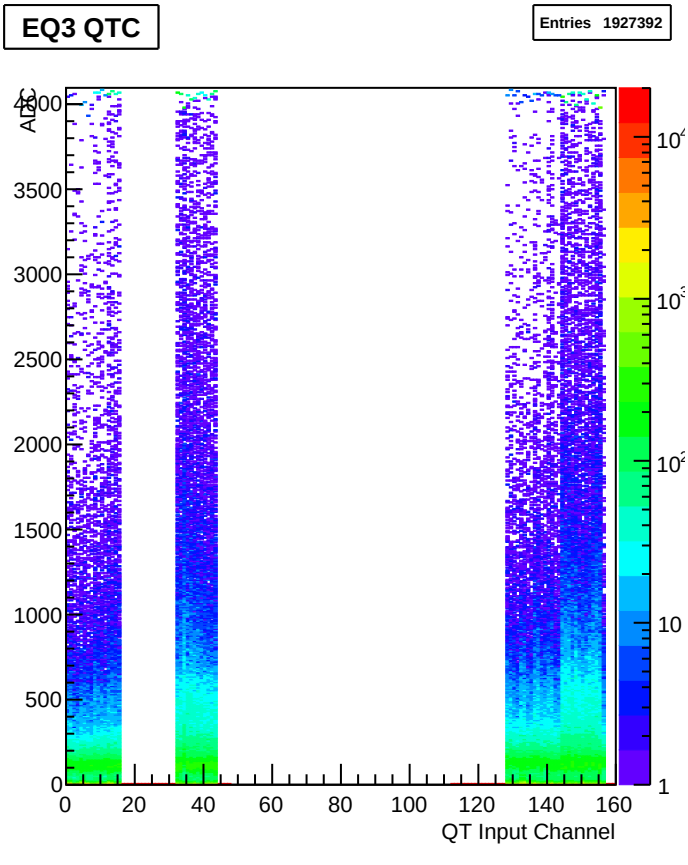

EQ2 QTB
Entries 1971686
TDC
QT Input Channel

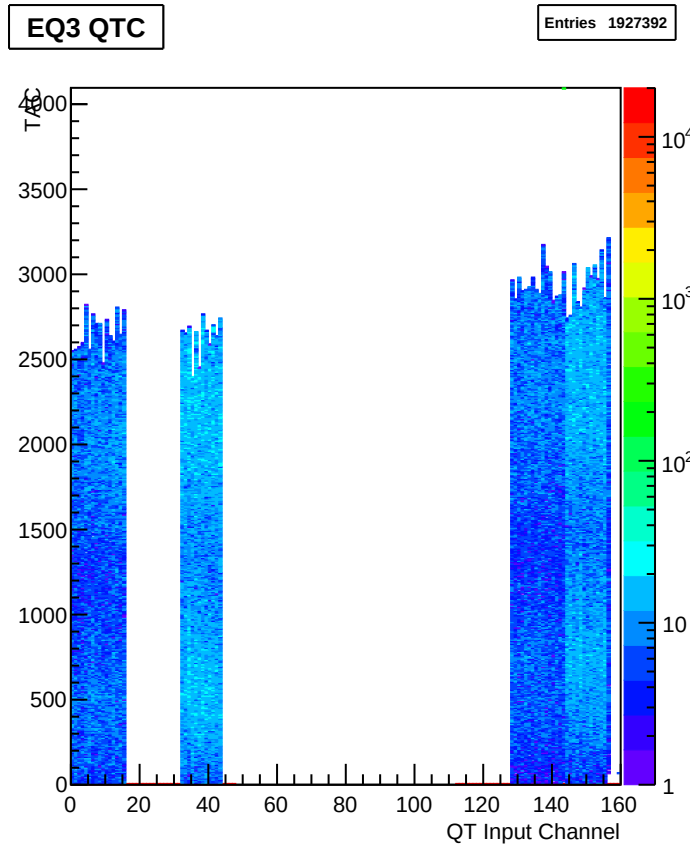

EQ2 QTC
Entries 1927392
ADC
QT Input Channel

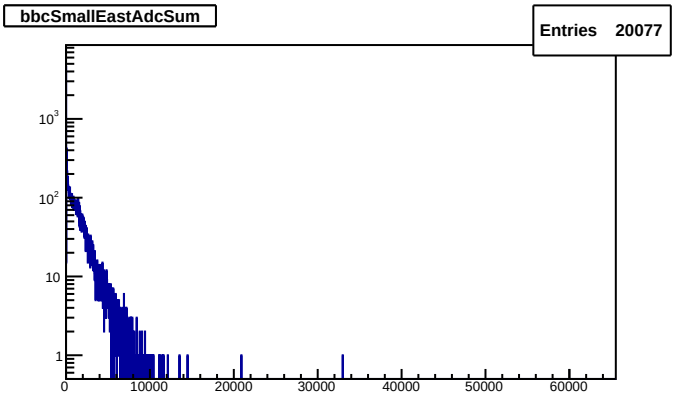

EQ2 QTC
Entries 1927392
TADC
QT Input Channel

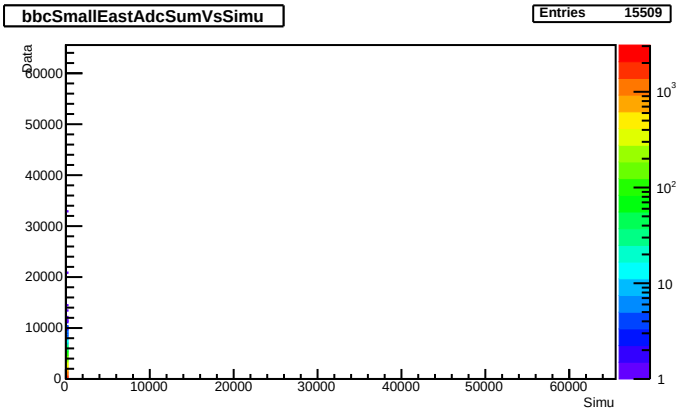

EQ3 QTB
Entries 5139712
ADC
QT Input Channel

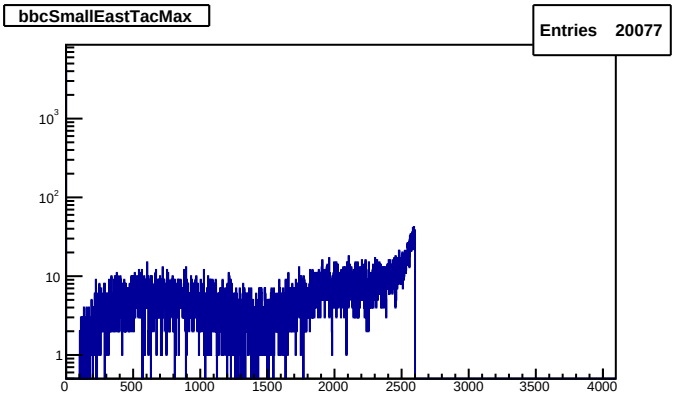

EQ3 QTB
Entries 1448412
TDC
QT Input Channel

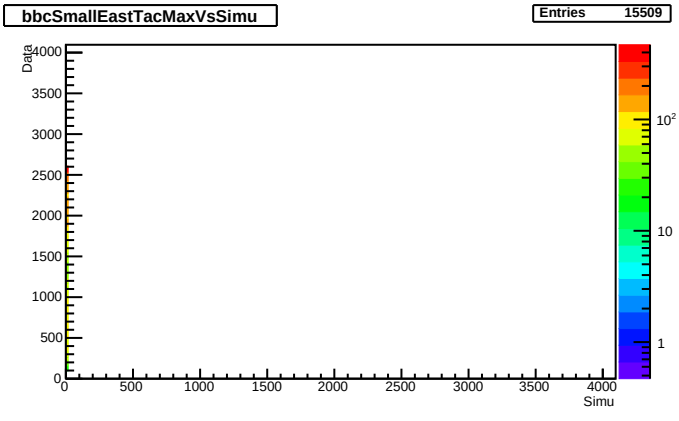

EQ3 QTC
Entries 1927392
ADC
QT Input Channel

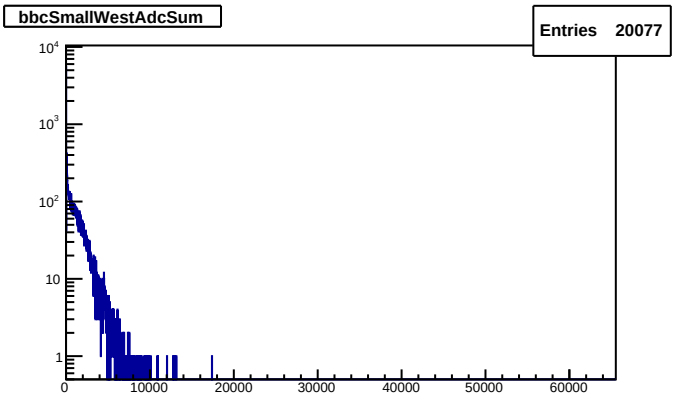

EQ3 QTC
Entries 1927392
TADC
QT Input Channel

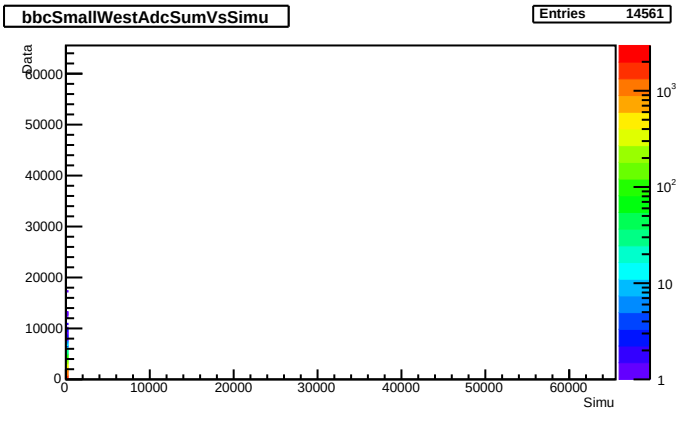

bbcSmallEastAdcSum
Entries 20077

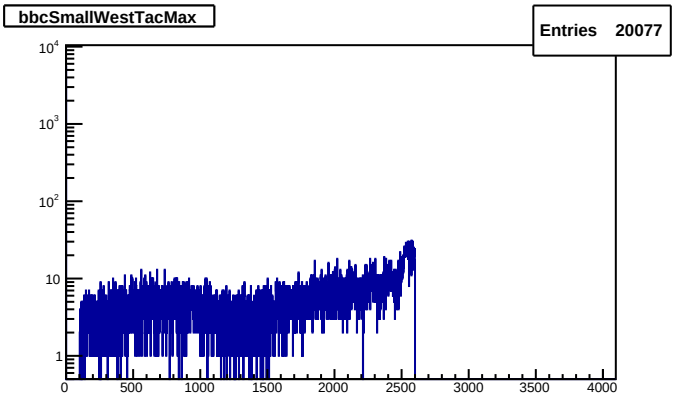

bbcSmallEastAdcSumVsSimu
Entries 15509
Data
Simu

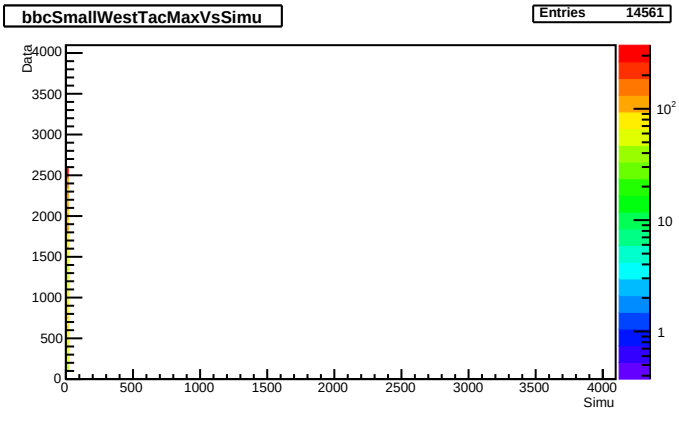

bbcSmallEastTacMax
Entries 20077

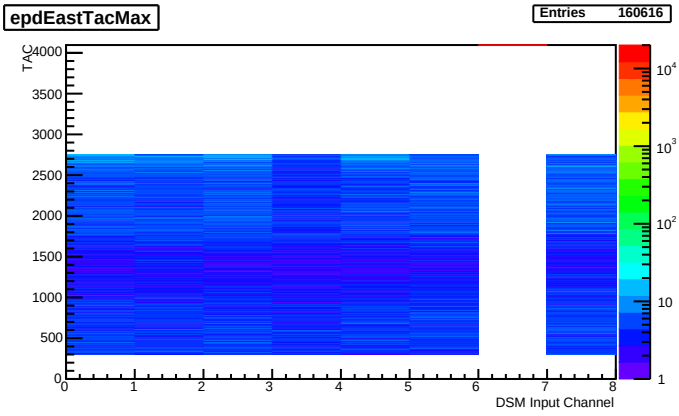

bbcSmallEastTacMaxVsSimu
Entries 15509
Data
Simu

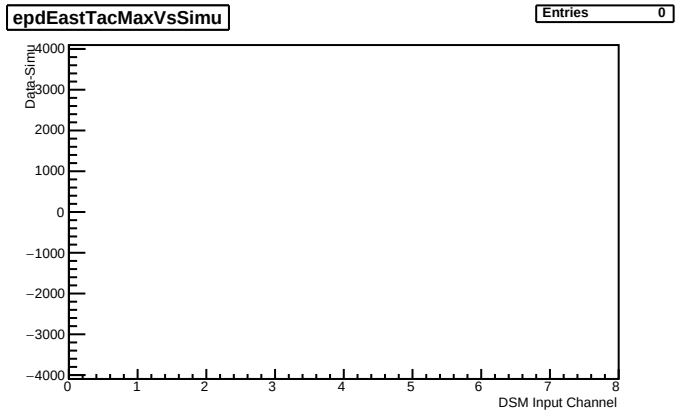

bbcSmallWestAdcSum
Entries 20077

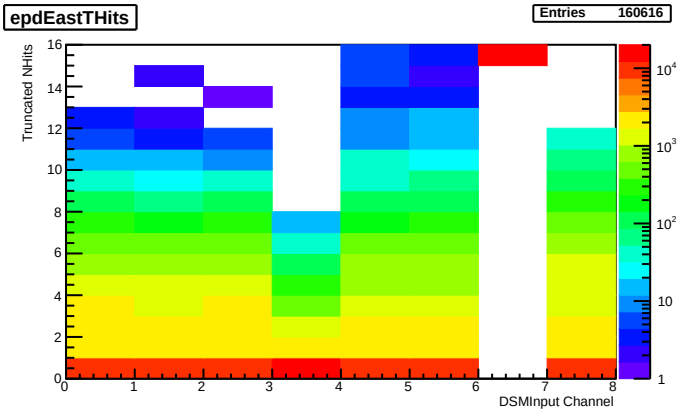

bbcSmallWestAdcSumVsSimu
Entries 14561
Data
Simu

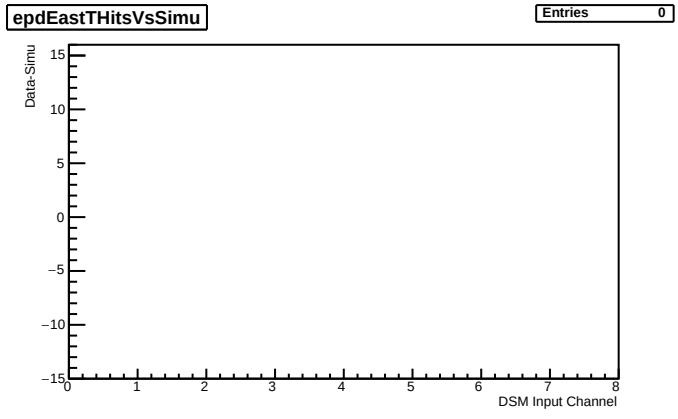

bbcSmallWestTacMax
Entries 20077

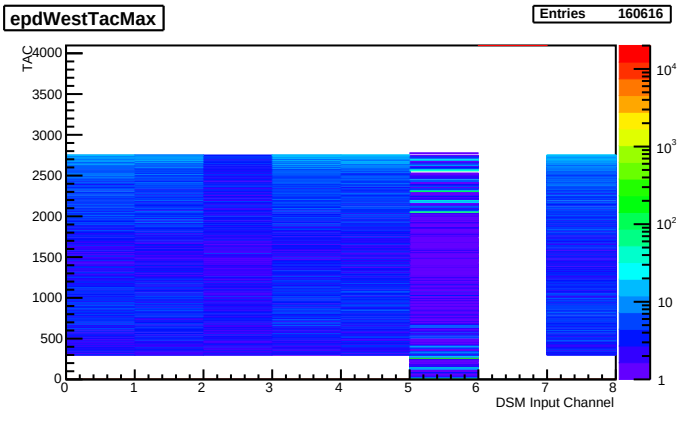

bbcSmallWestTacMaxVsSimu
Entries 14561
Data
Simu

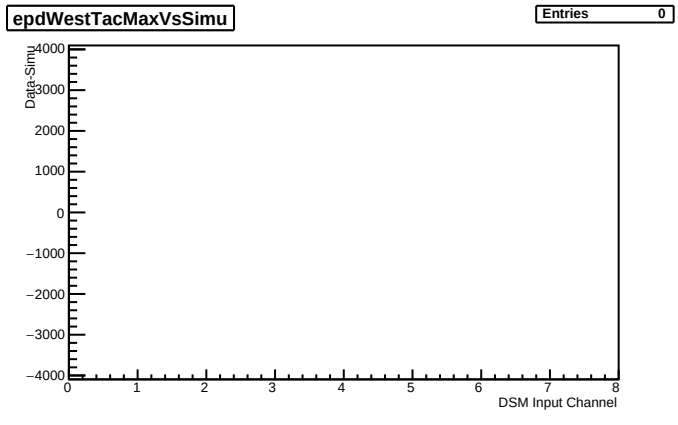

epdEastTacMax
Entries 160616
TAC
DSM Input Channel

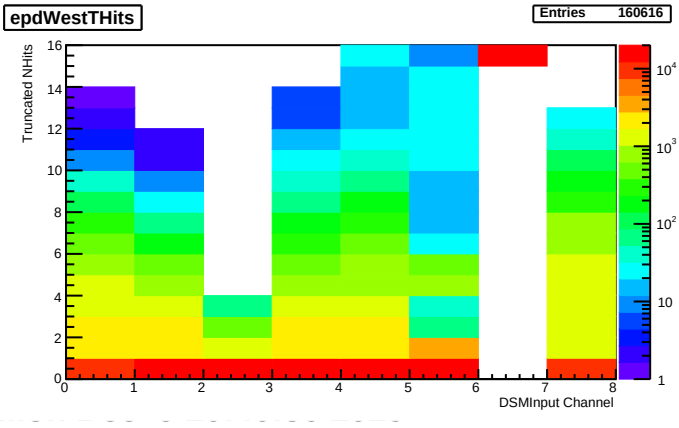

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

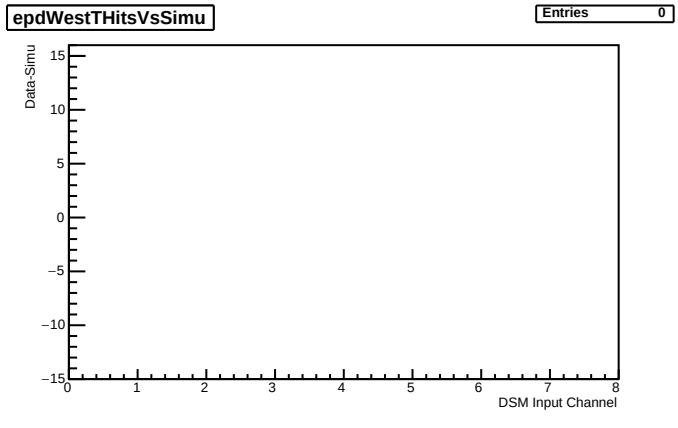

epdEastTHits
Entries 160616
Truncated NHits
DSMInput Channel

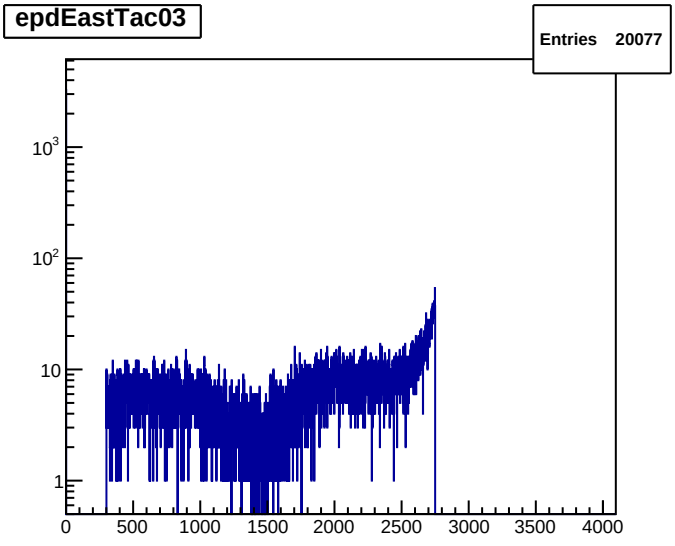

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

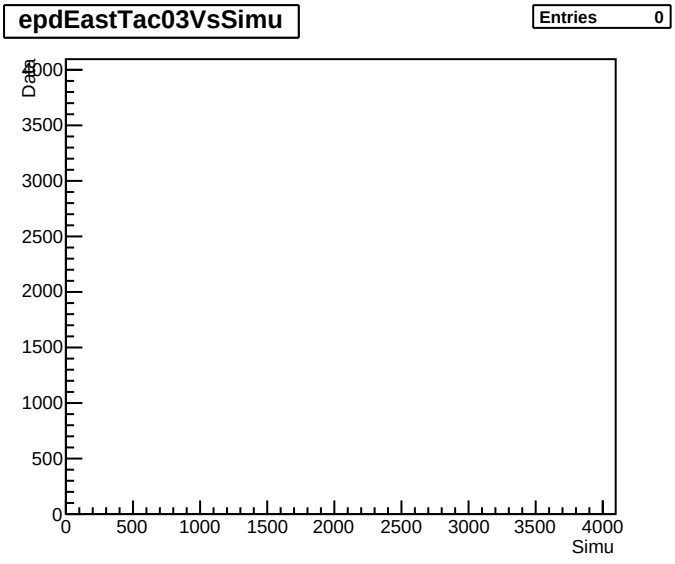

epdWestTacMax
Entries 160616
TAC
DSM Input Channel

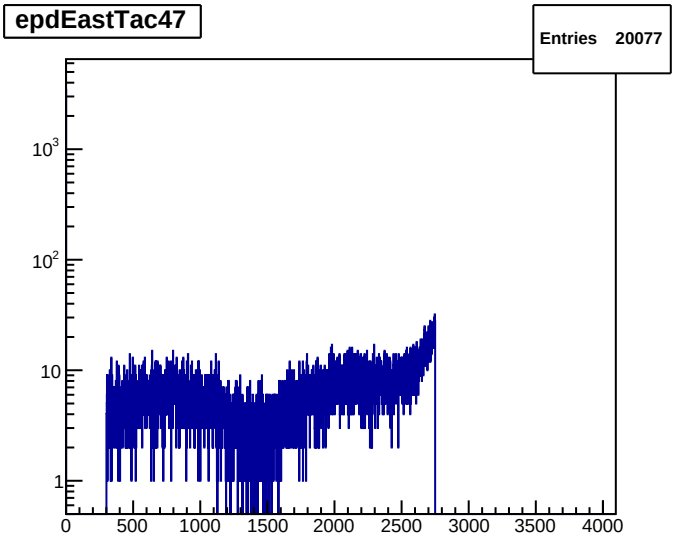

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

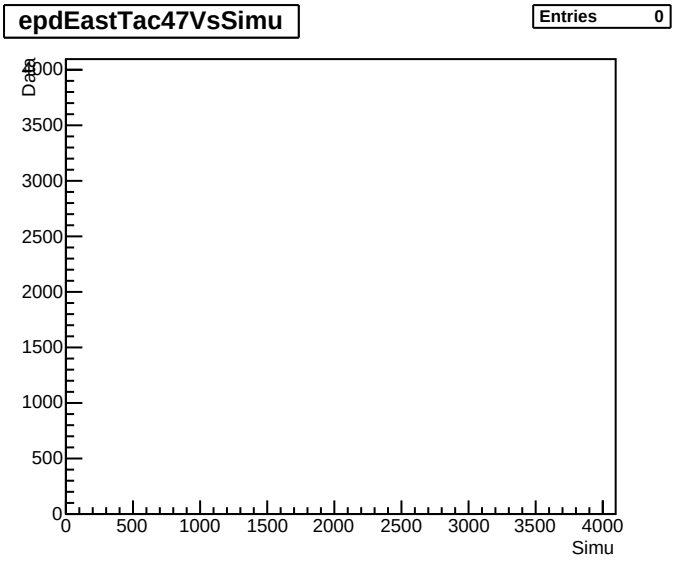

epdWestTHits
Entries 160616
Truncated NHits
DSMInput Channel

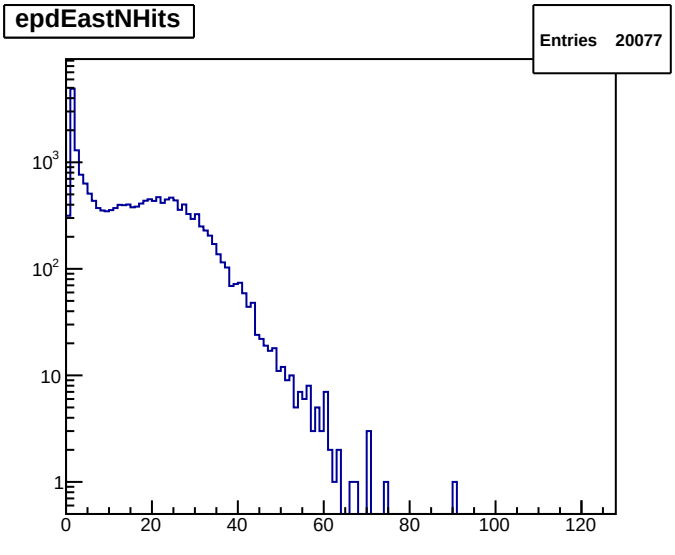

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

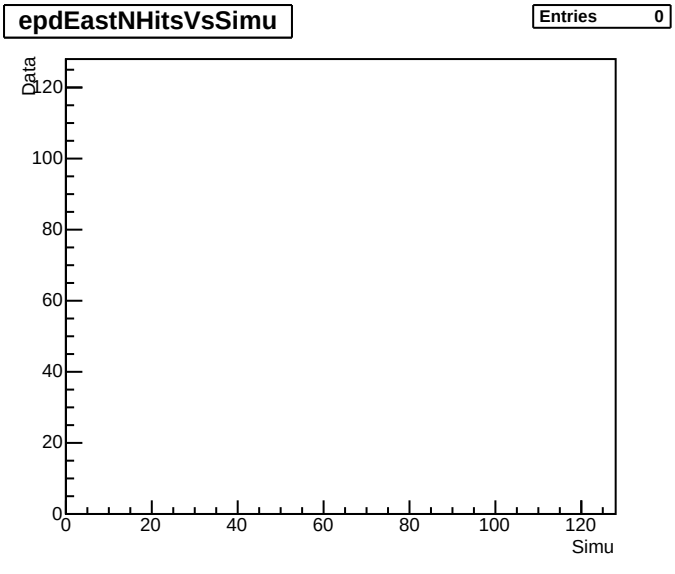

epdEastTac03
Entries 20077

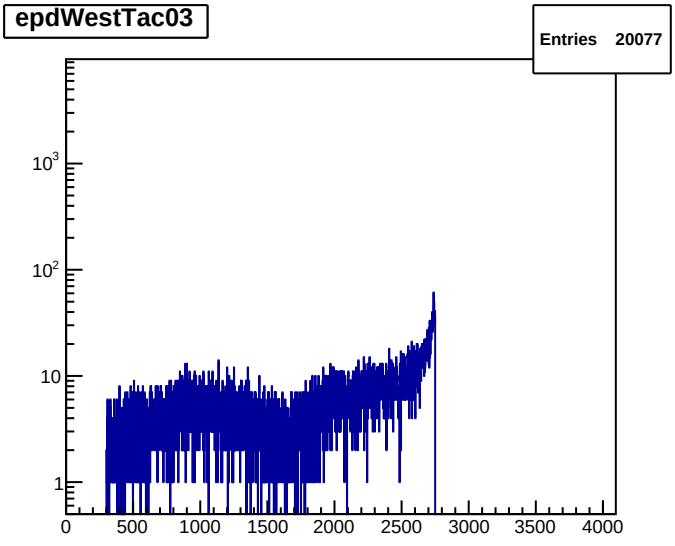

epdEastTac03VsSimu
Entries 0
Data
Simu

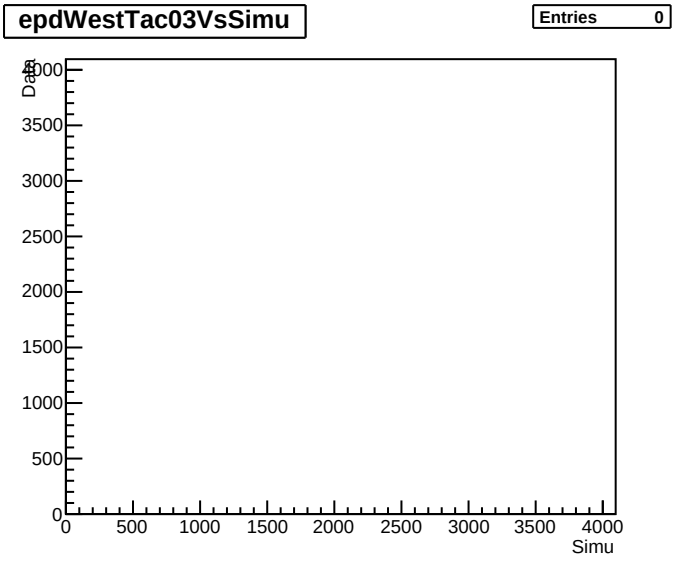

epdEastTac47
Entries 20077

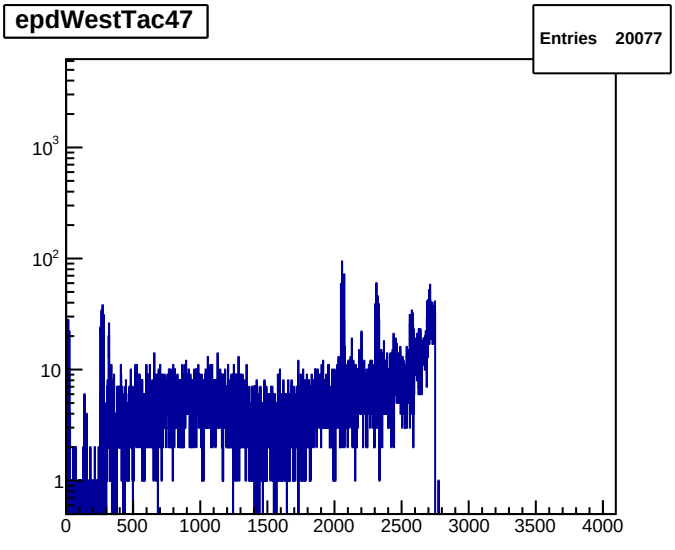

epdEastTac47VsSimu
Entries 0
Data
Simu

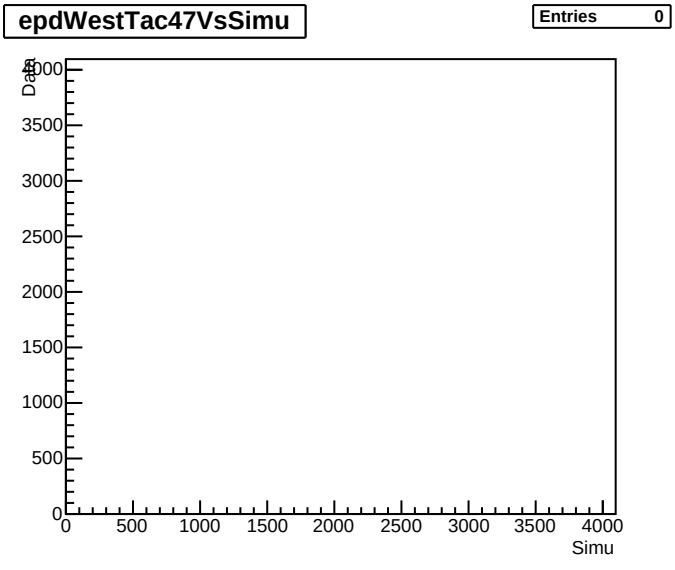

epdEastNHits
Entries 20077

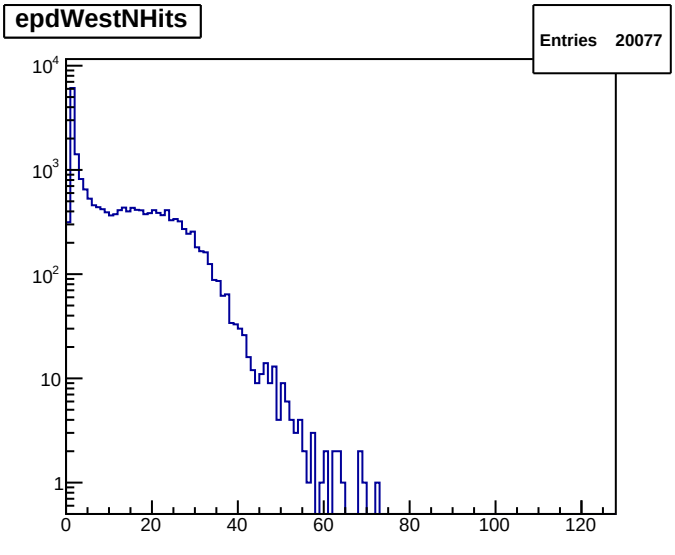

epdEastNHitsVsSimu
Entries 0
Data
Simu

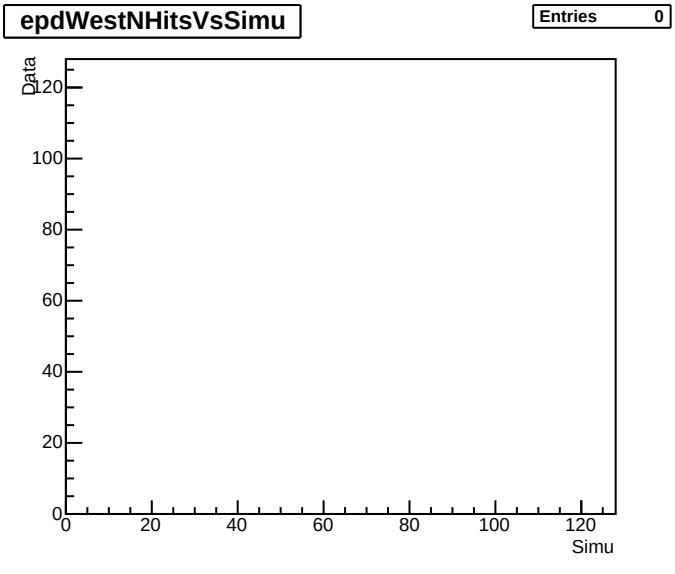

epdWestTac03
Entries 20077

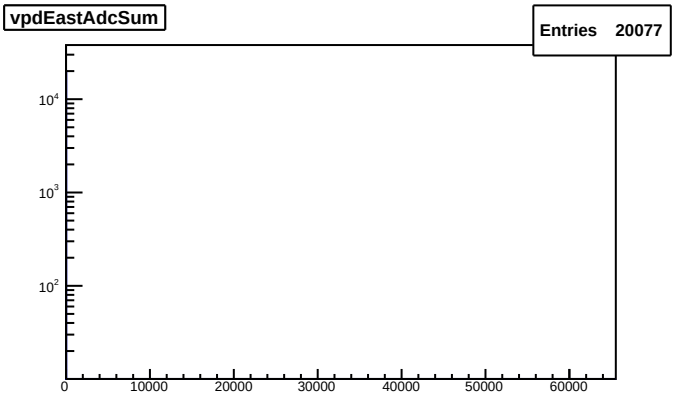

epdWestTac03VsSimu
Entries 0
Data
Simu

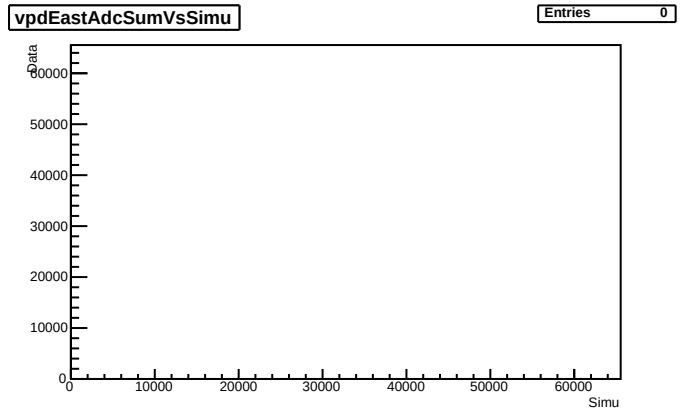

epdWestTac47
Entries 20077

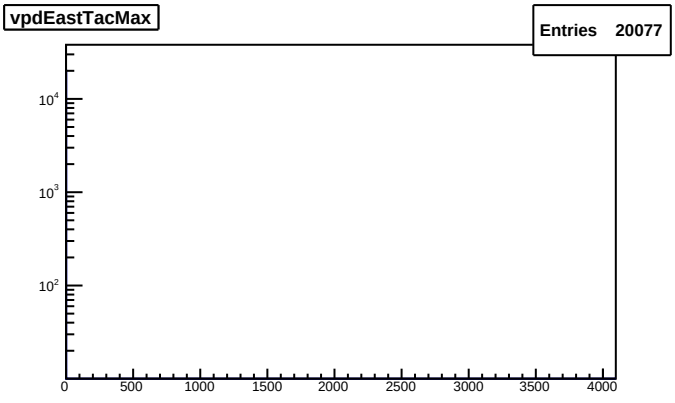

epdWestTac47VsSimu
Entries 0
Data
Simu

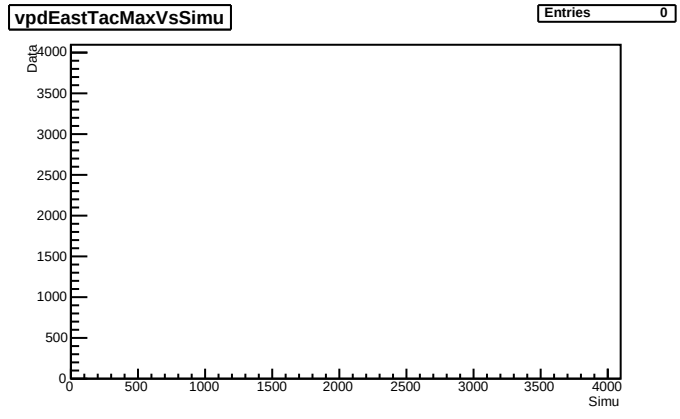

epdWestNHits
Entries 20077

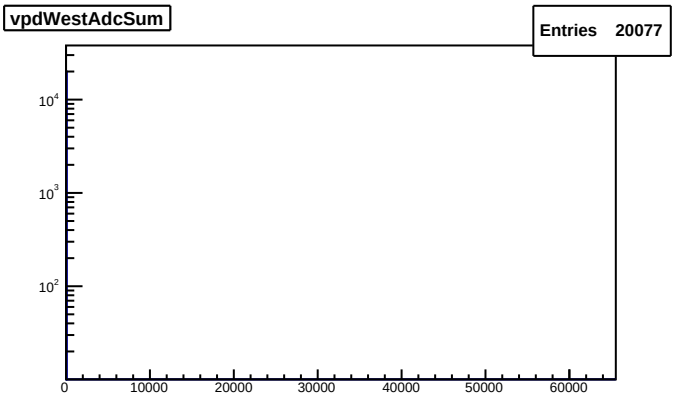

epdWestNHitsVsSimu
Entries 0
Data
Simu

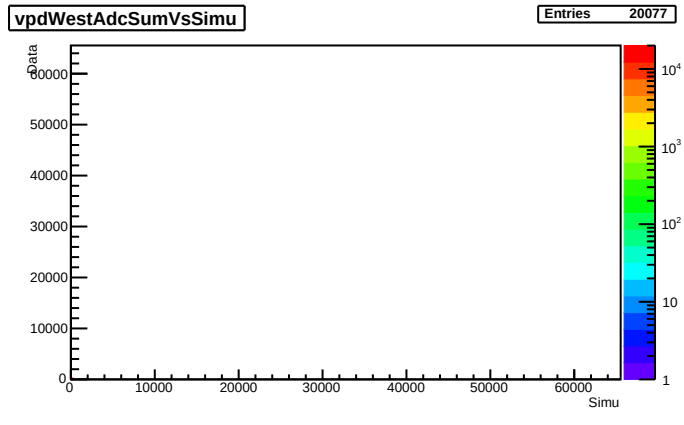

vpdEastAdcSum
Entries 20077

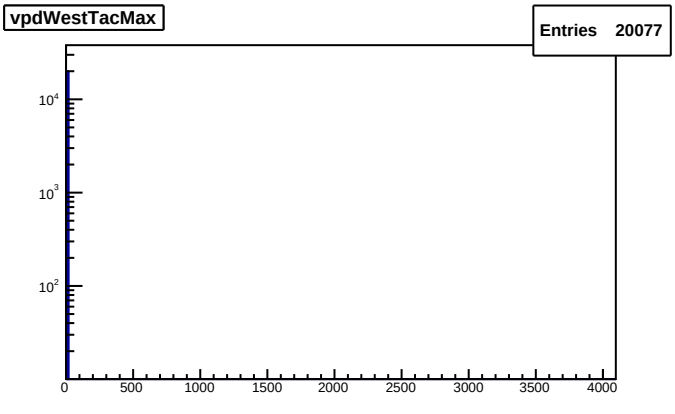

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

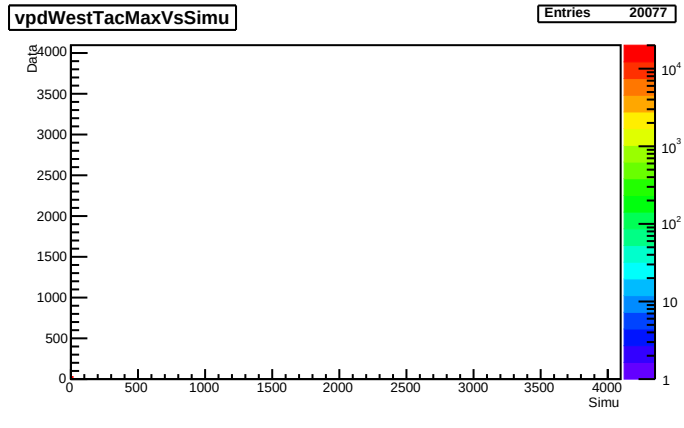

vpdEastTacMax
Entries 20077

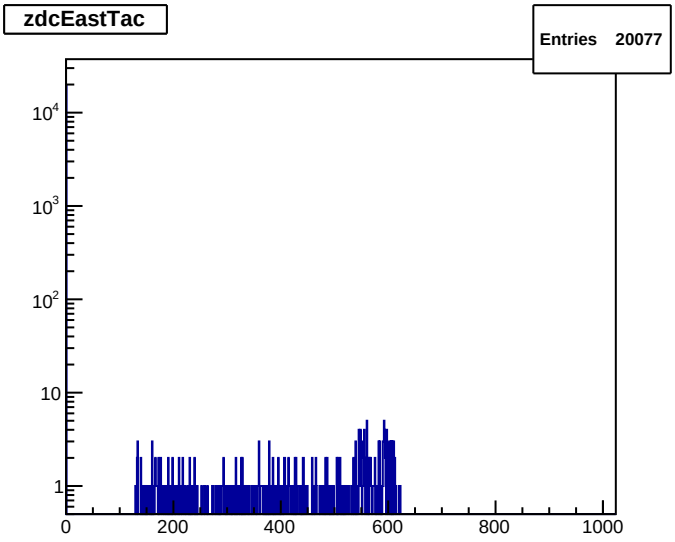

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

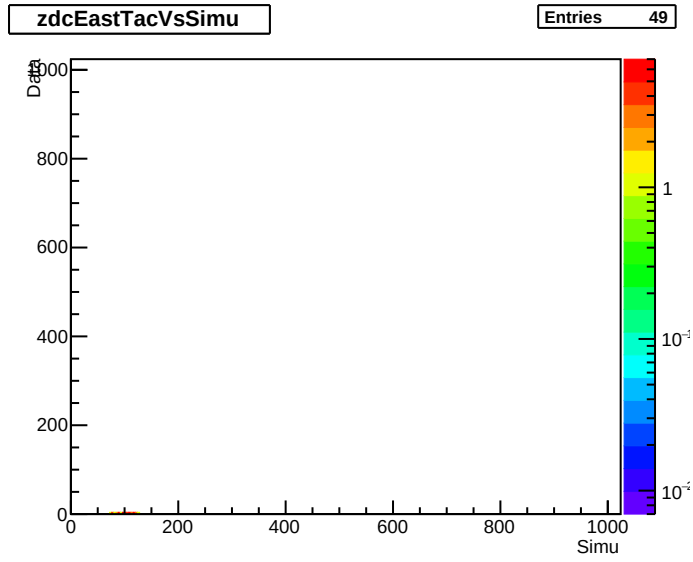

vpdWestAdcSum
Entries 20077

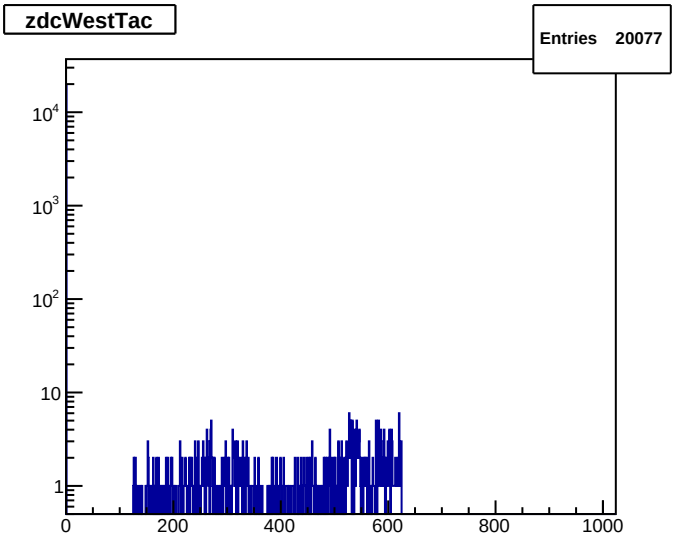

vpdWestAdcSumVsSimu
Entries 20077
Data
Simu

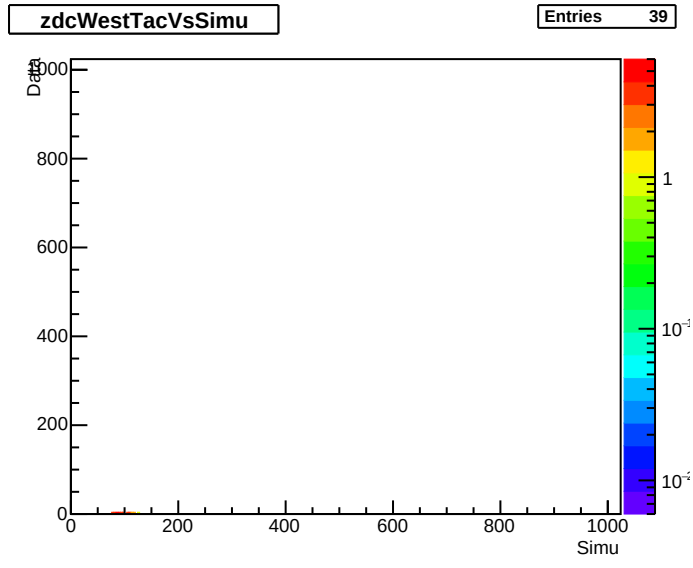

vpdWestTacMax
Entries 20077

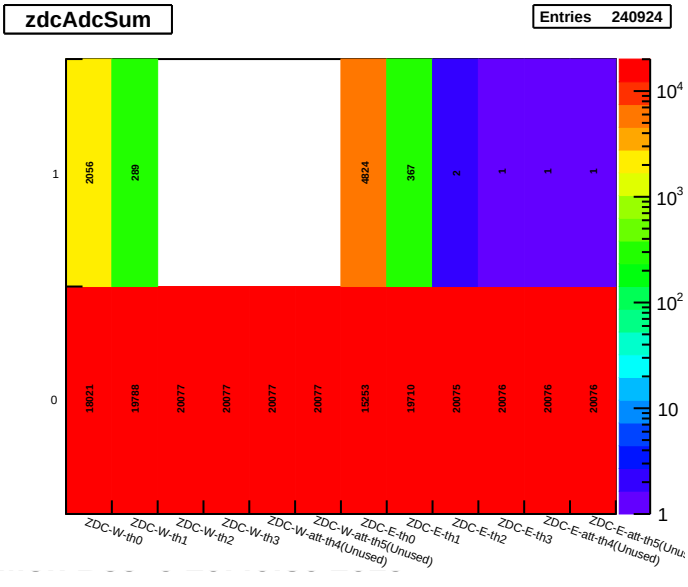

vpdWestTacMaxVsSimu
Entries 20077
Data
Simu

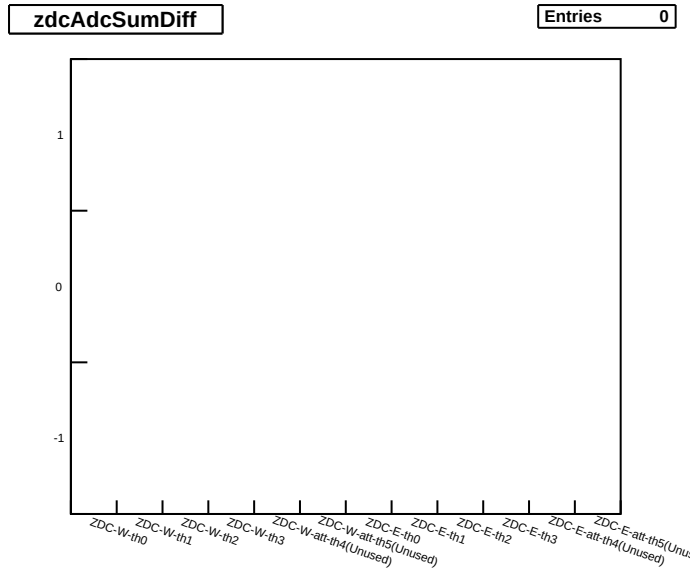

zdcEastTac
Entries 20077

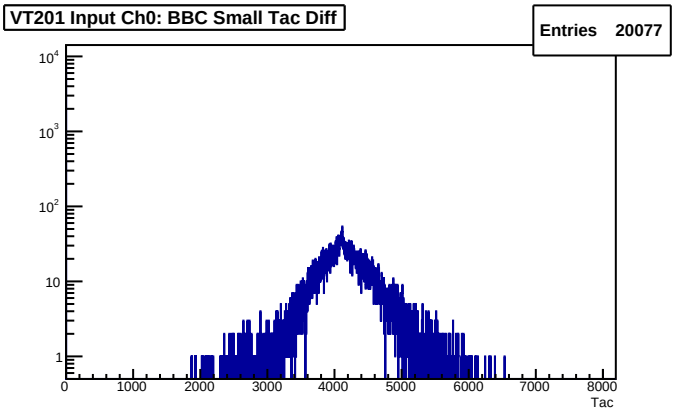

zdcEastTacVsSimu
Entries 49
Data
Simu

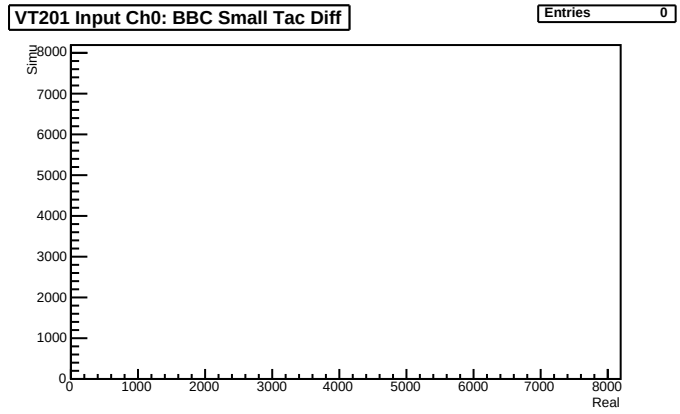

zdcWestTac
Entries 20077

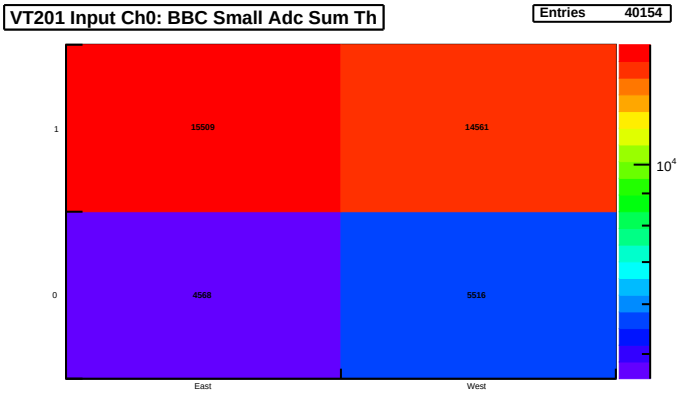

zdcWestTacVsSimu
Entries 39
Data
Simu

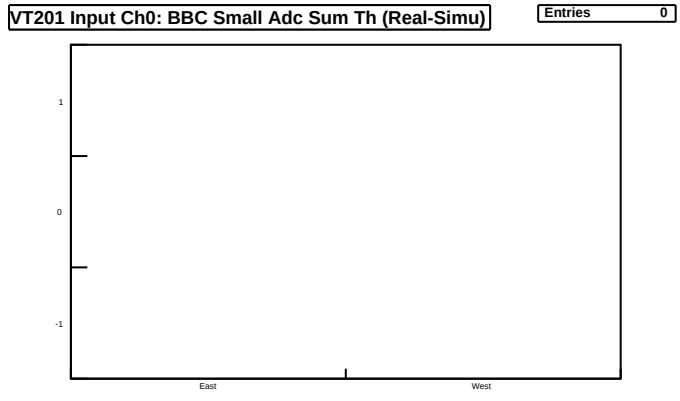

zdcAdcSum
Entries 240924
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

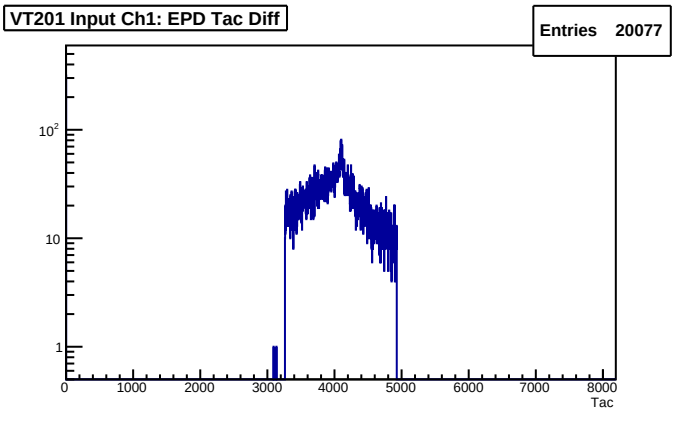

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

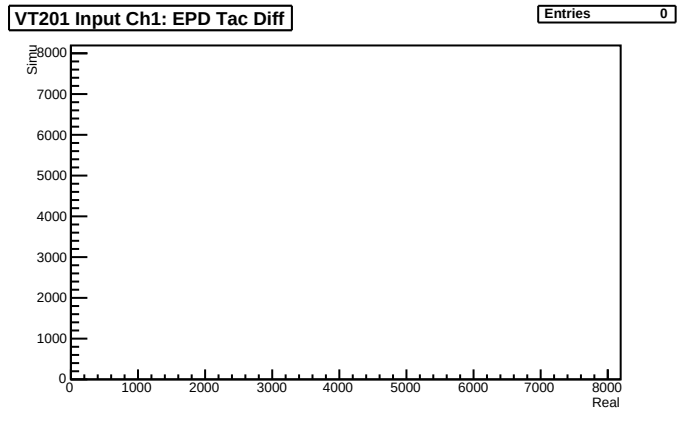

VT201 Input Ch0: BBC Small Tac Diff
Entries 20077
Tac

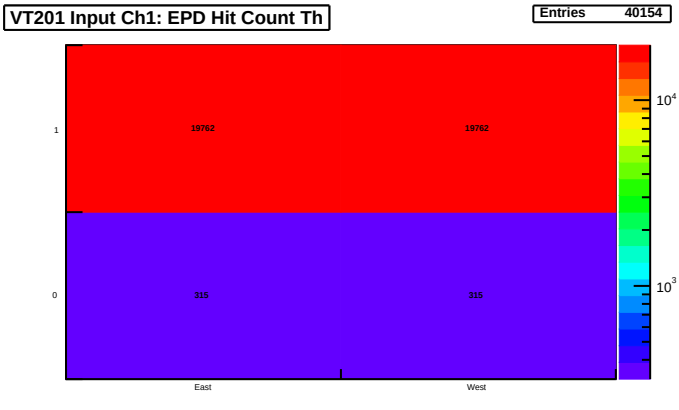

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

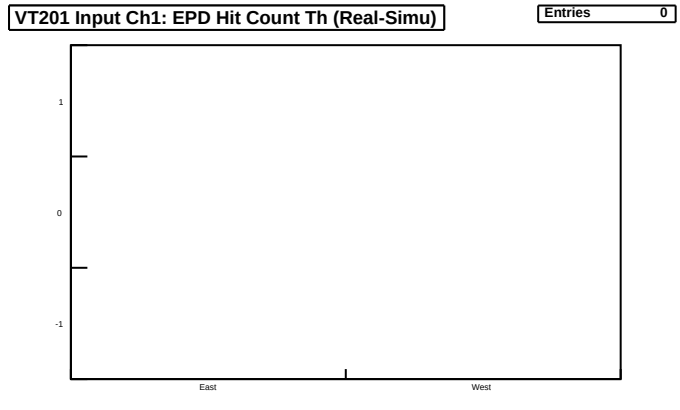

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 40154
15509
14561
4568
5516
East
West

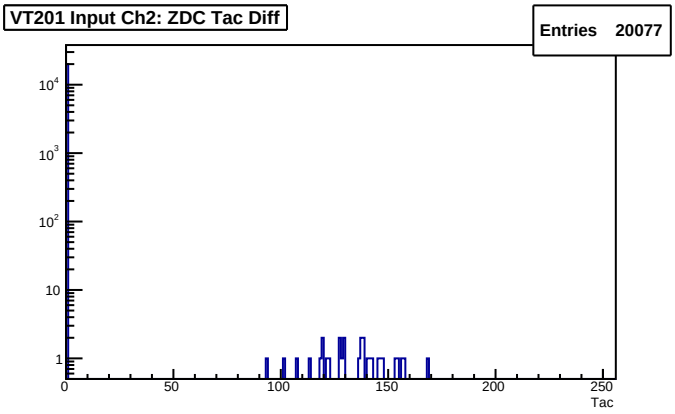

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

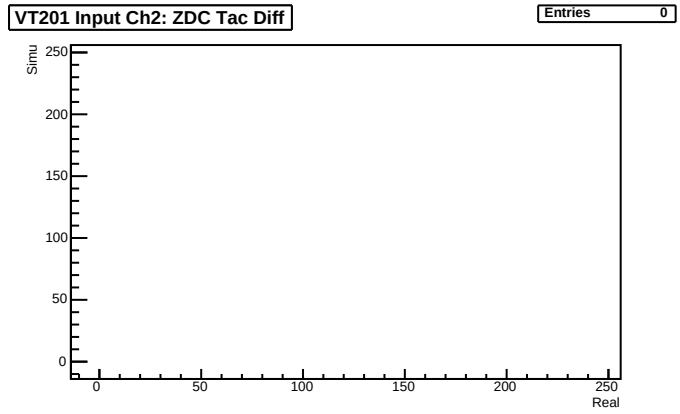

VT201 Input Ch1: EPD Tac Diff
Entries 20077
Tac

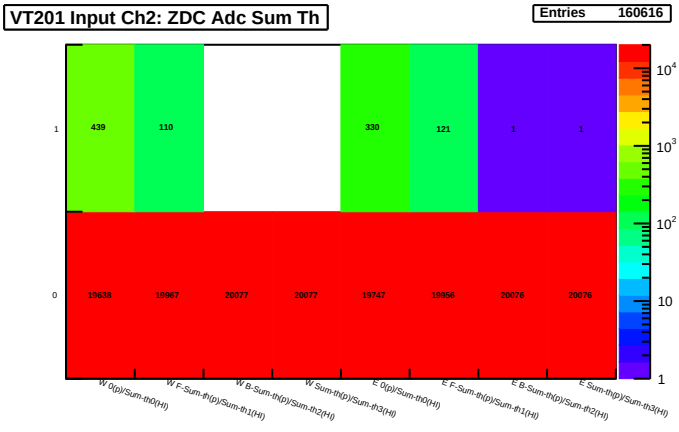

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

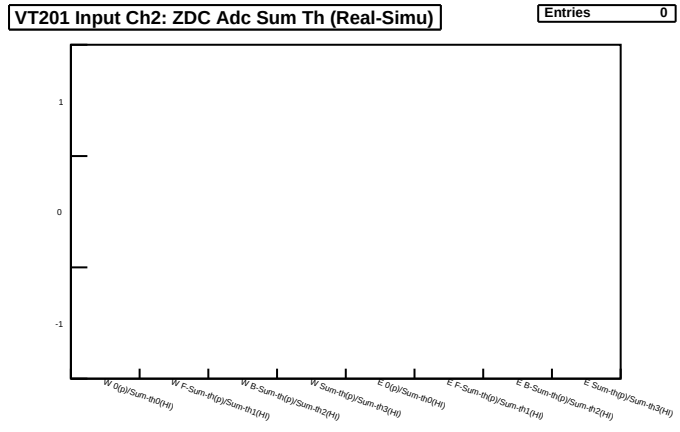

VT201 Input Ch1: EPD Hit Count Th
Entries 40154
19762
19762
315
315
East
West

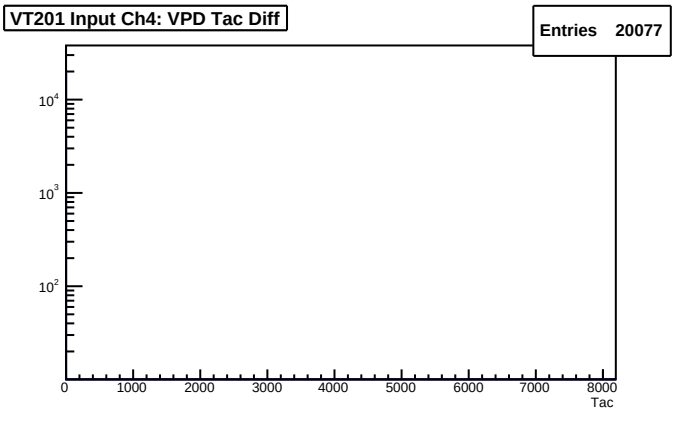

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

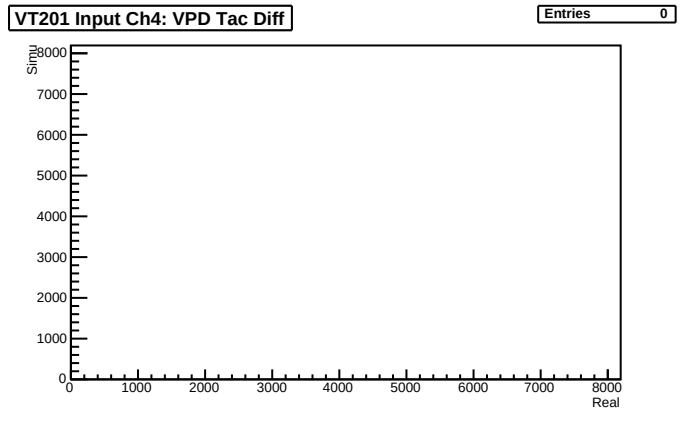

VT201 Input Ch2: ZDC Tac Diff
Entries 20077
Tac

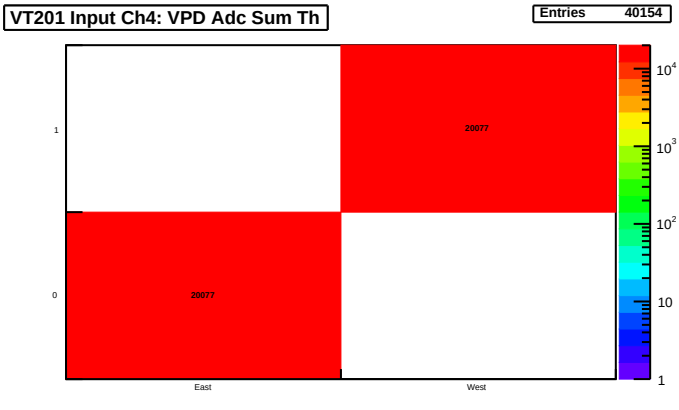

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

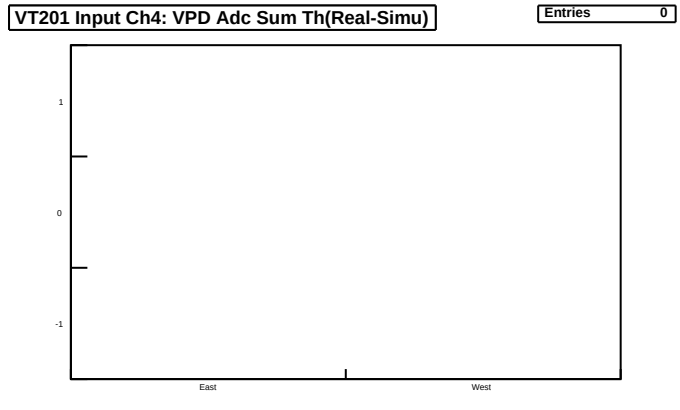

VT201 Input Ch2: ZDC Adc Sum Th
Entries 160616
439
110
330
121
1
1
19638
19967
20077
20077
19747
19956
20076
20076
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

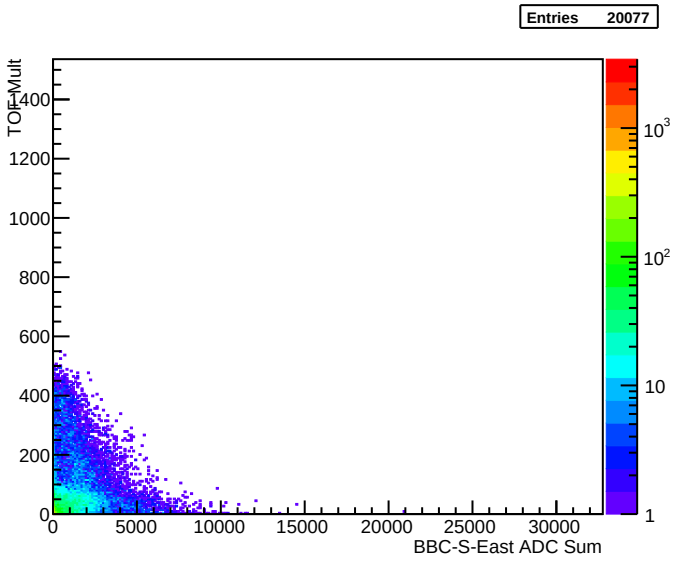

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

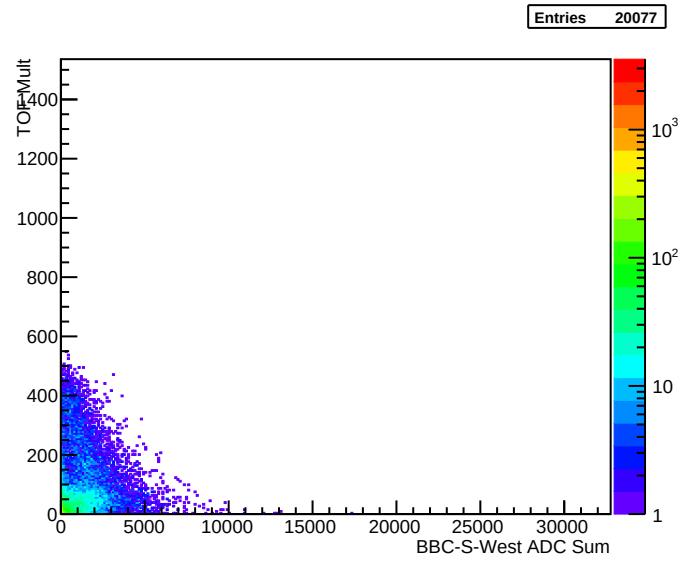

VT201 Input Ch4: VPD Tac Diff
Entries 20077
Tac

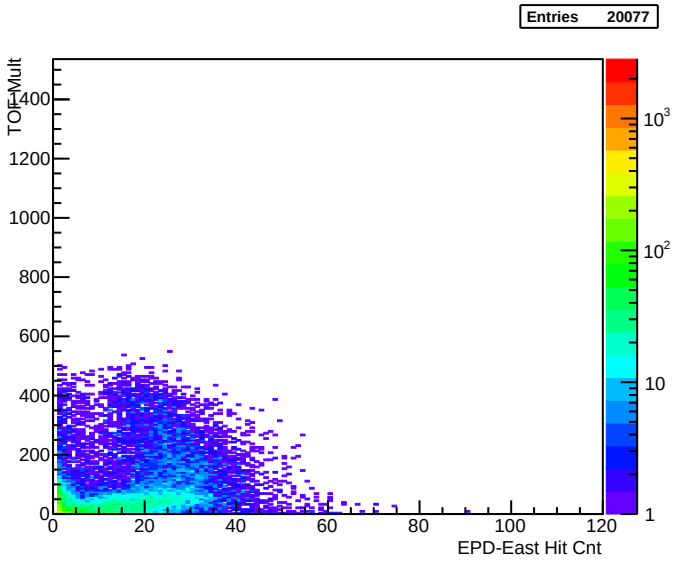

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

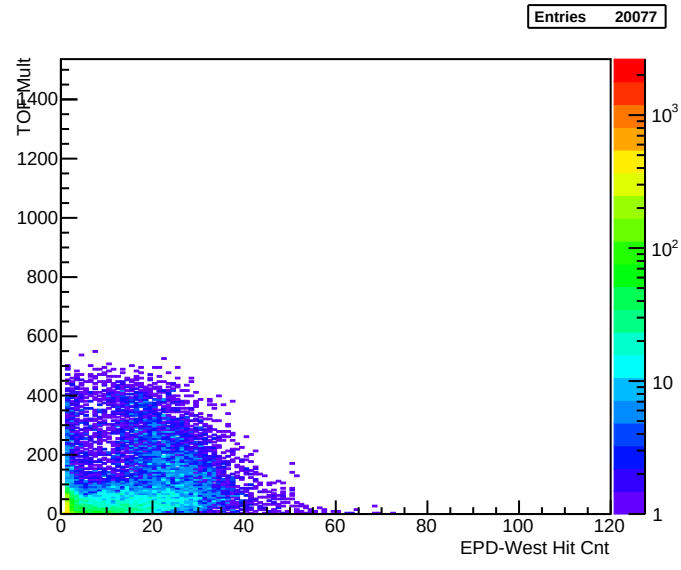

VT201 Input Ch4: VPD Adc Sum Th
Entries 40154
20077
20077
East
West

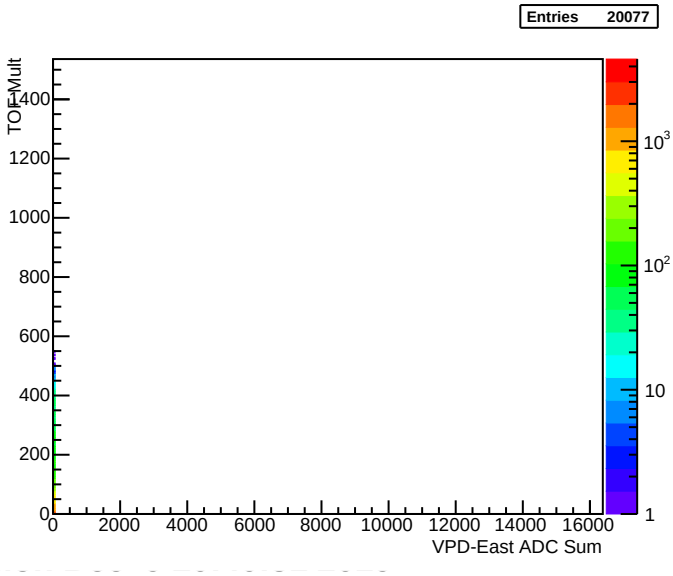

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

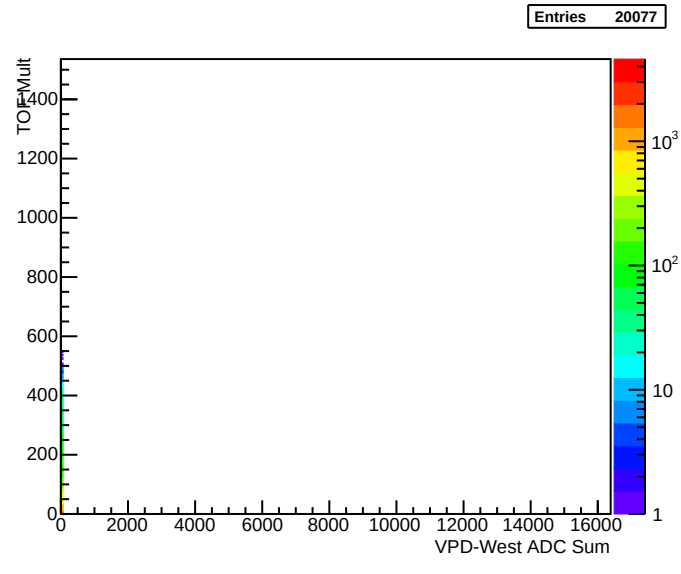

Entries 20077
TOF-Mult
BBC-S-East ADC Sum

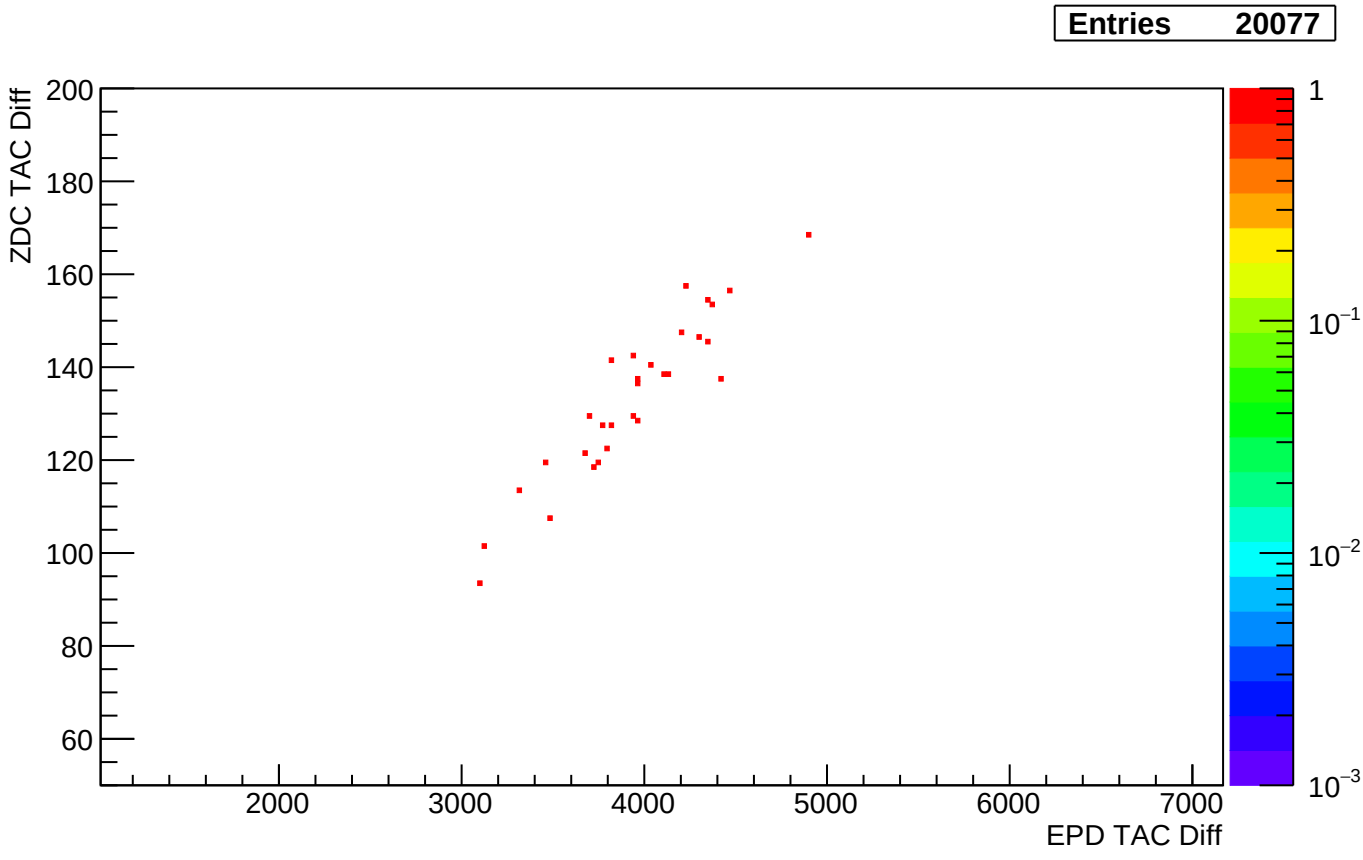

Entries 20077
TOF-Mult
BBC-S-West ADC Sum

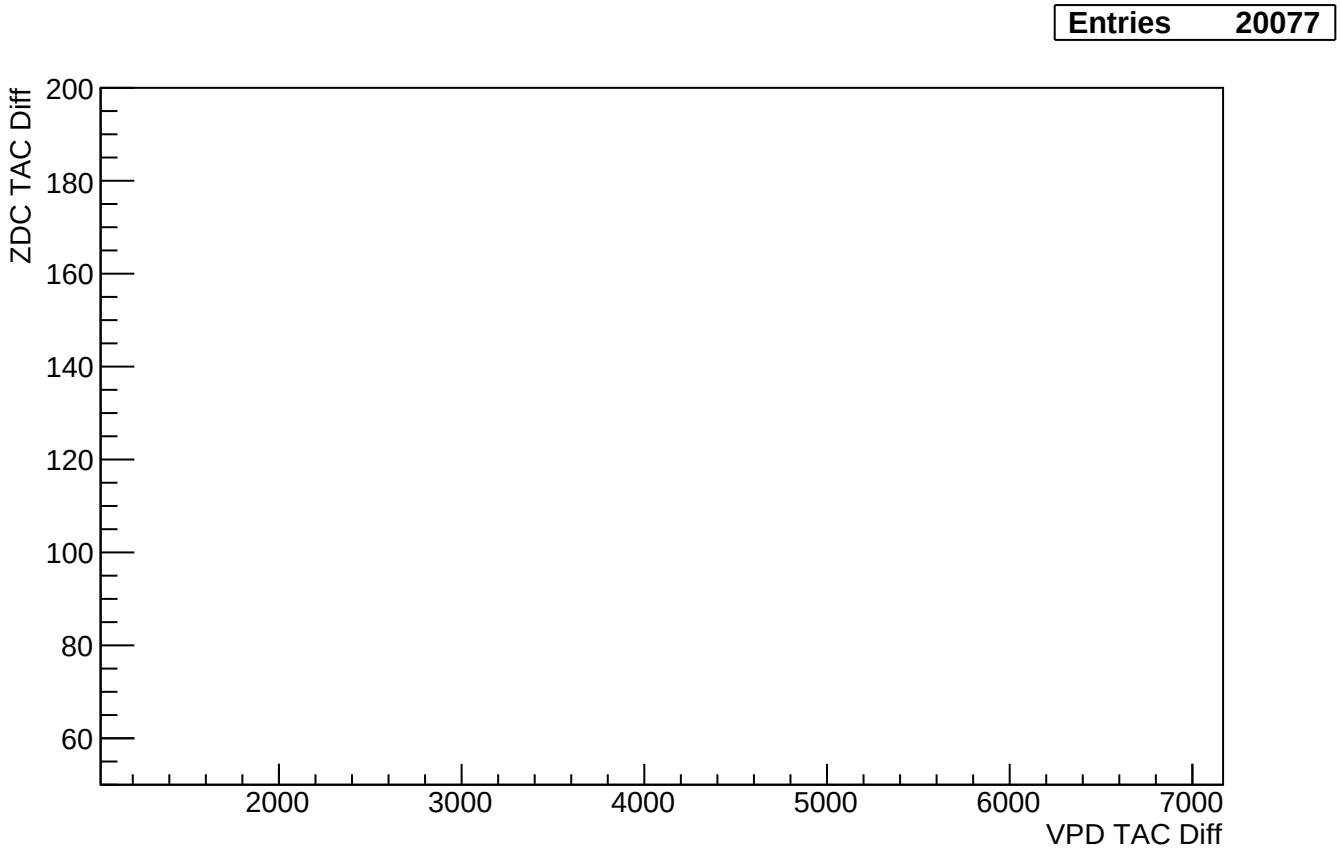

Entries 20077
TOF-Mult
EPD-East Hit Cnt

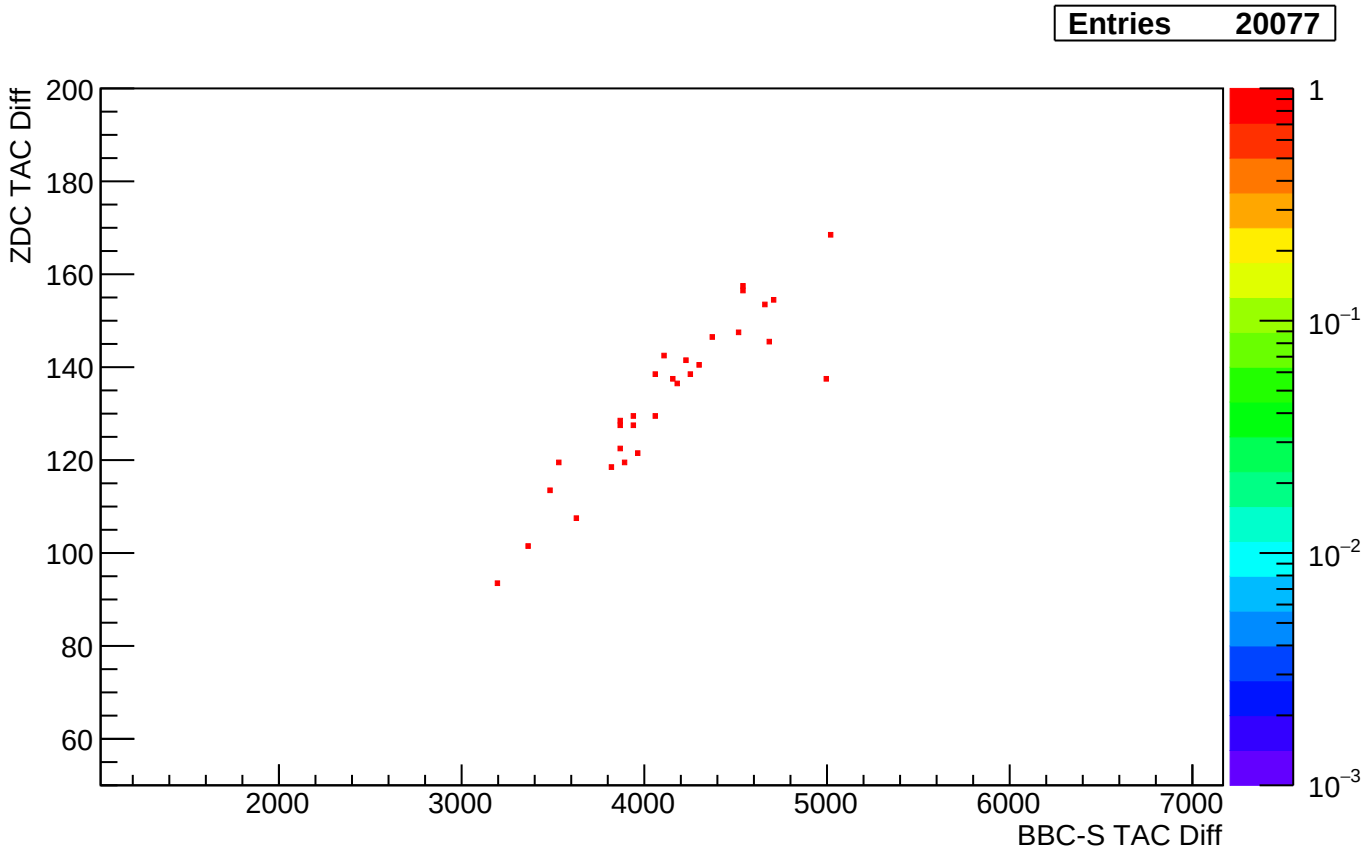

Entries 20077
TOF-Mult
EPD-West Hit Cnt

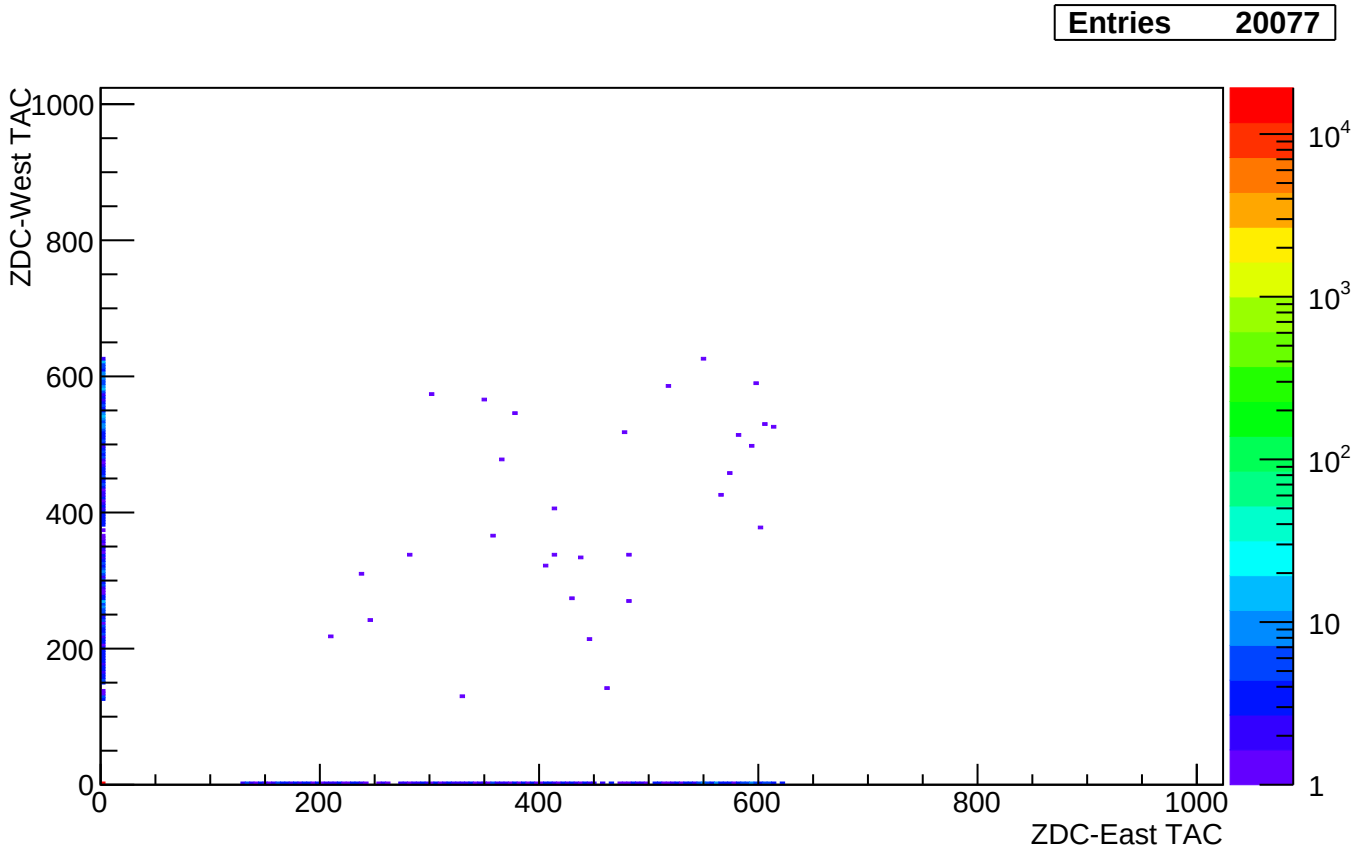

Entries 20077
TOF-Mult
VPD-East ADC Sum

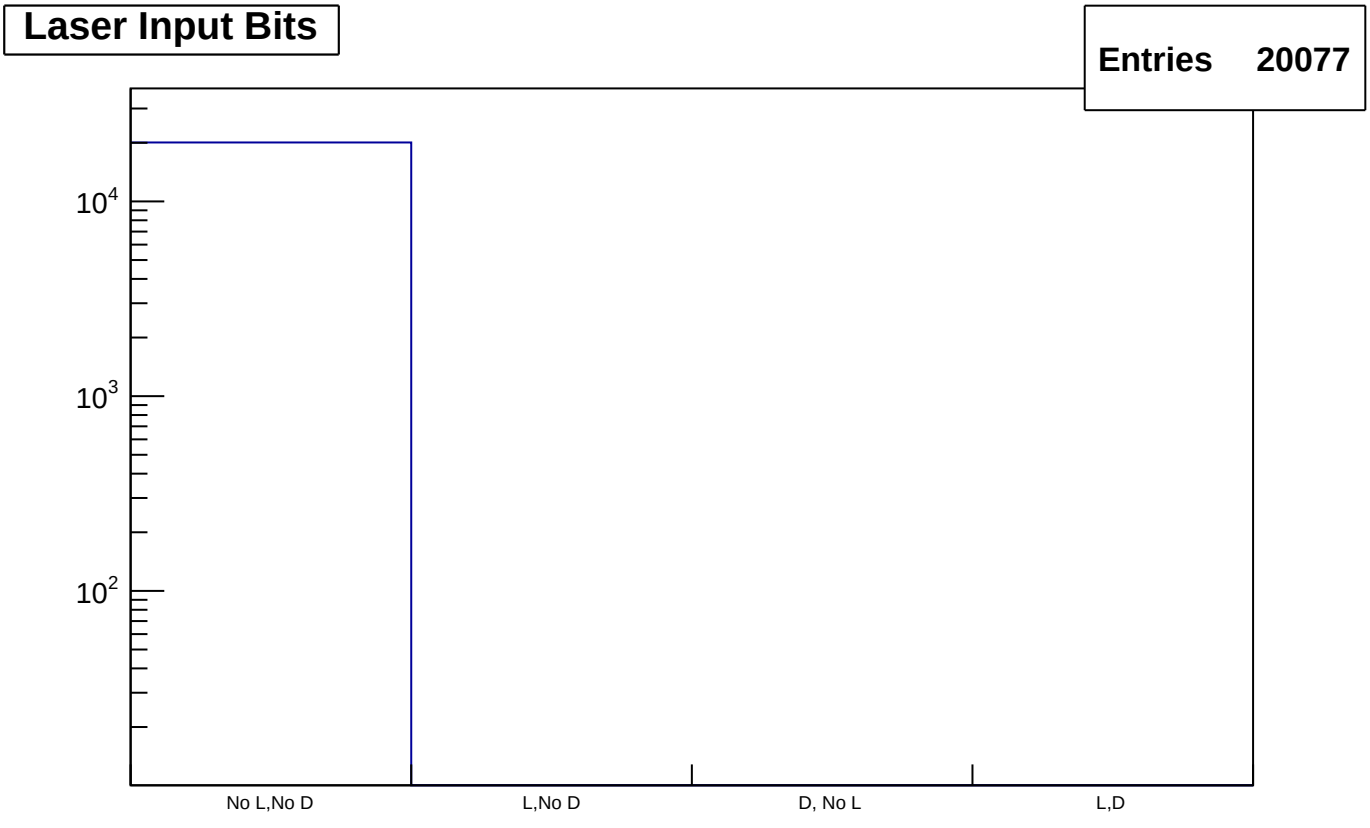

Entries 20077
TOF-Mult
VPD-West ADC Sum

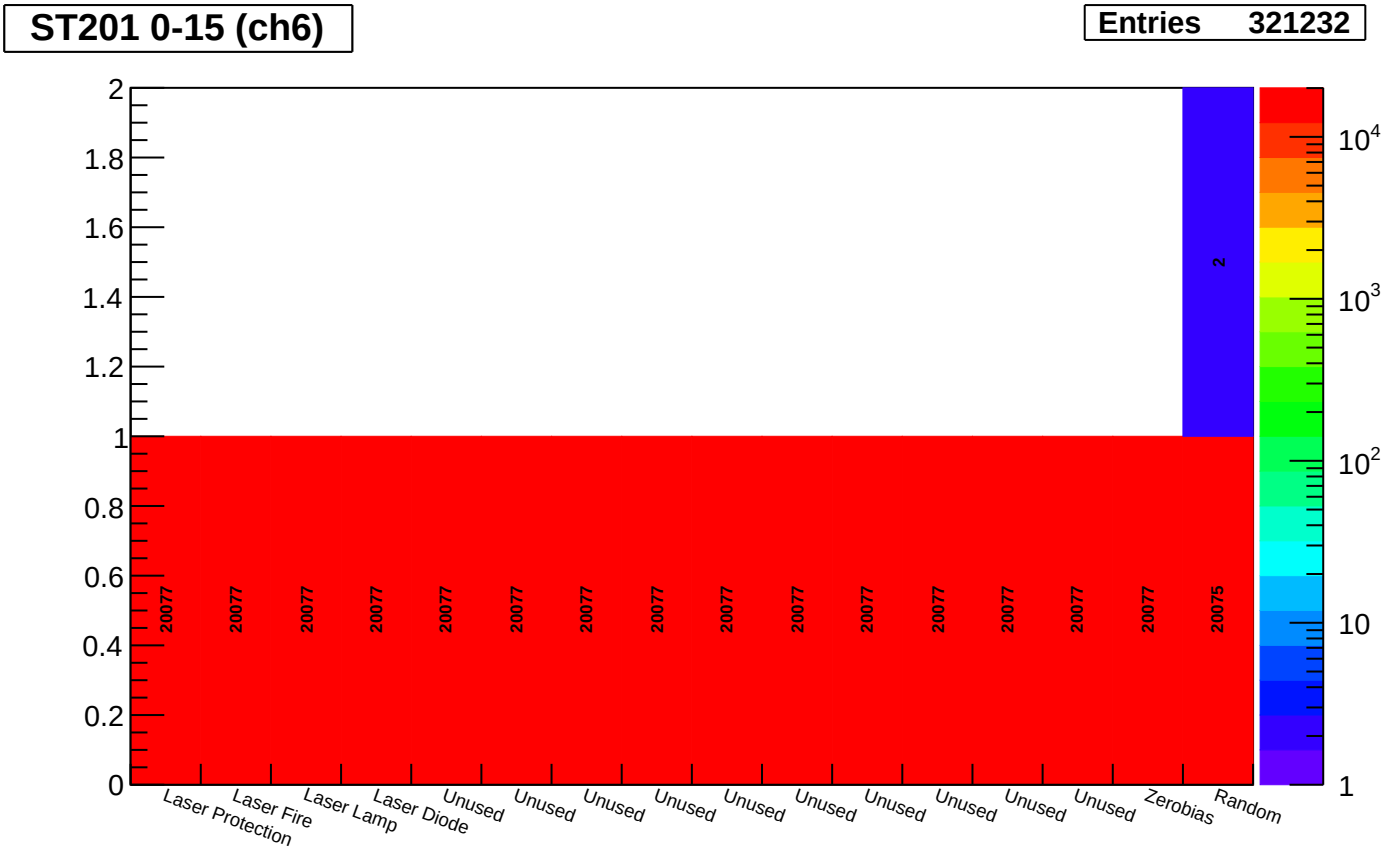

Entries 20077
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

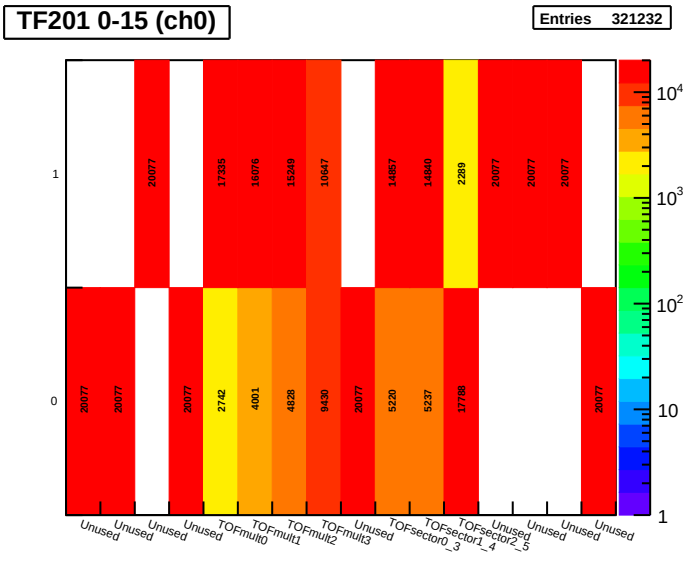

Entries 20077
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

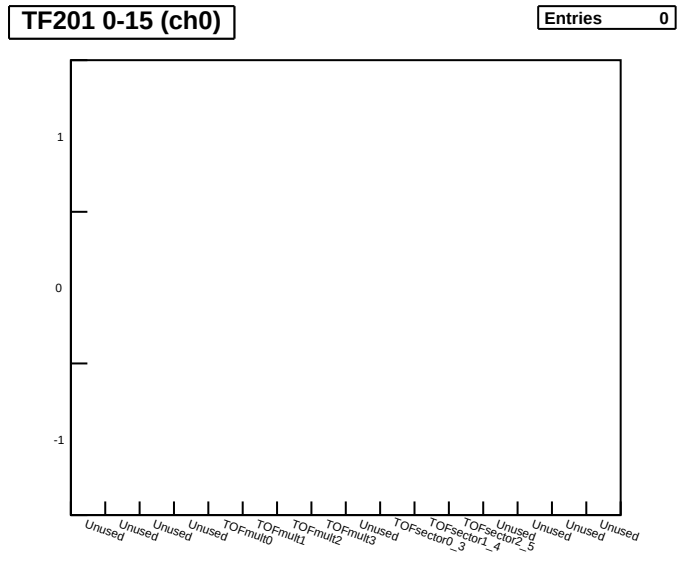

Entries 20077
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}

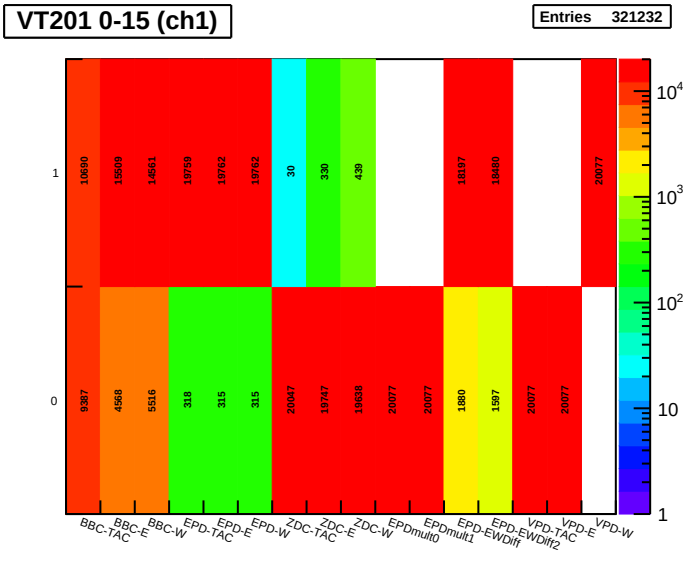

Entries 20077
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

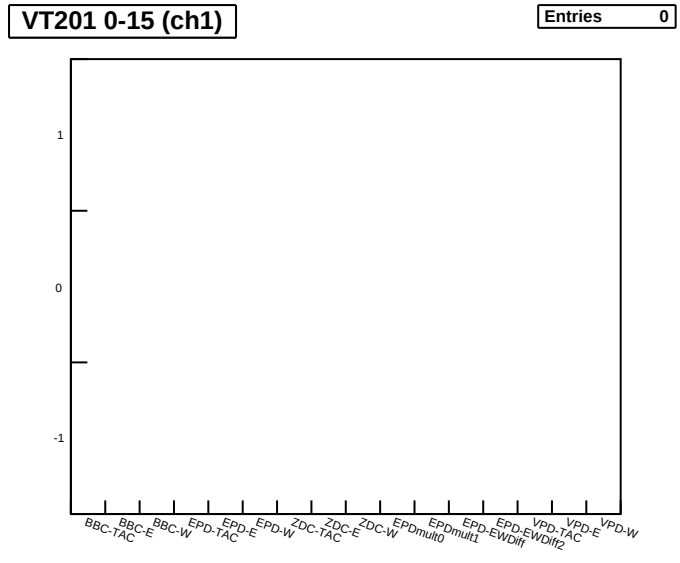

Laser Input Bits
Entries 20077
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

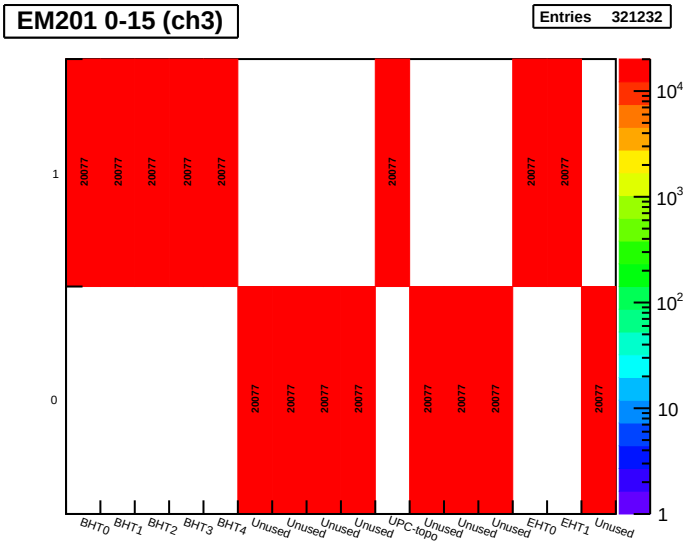

ST201 0-15 (ch6)
Entries 321232
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20077
20075
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^4
10^3
10^2
10
1

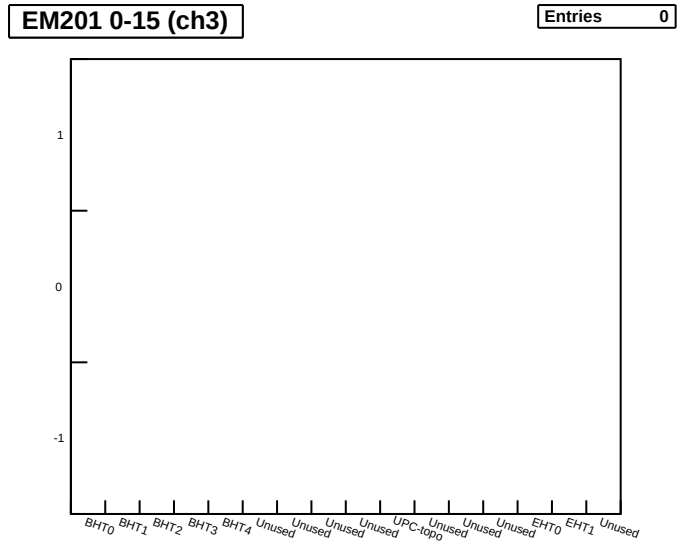

TF201 0-15 (ch0)
Entries 321232
1
0
20077 17335 16076 15249 10647 14857 14840 2289 20077 20077 20077
20077 20077 20077 2742 4001 4828 9430 20077 5220 5237 17788 20077
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
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 321232
1
0
10690 15509 14561 19759 19762 19762 30 330 439 18197 18480 20077
9387 4568 5516 318 315 315 20047 19747 19638 20077 20077 1880 1597 20077 20077
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
10^4 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 321232
1
0
20077 20077 20077 20077 20077 20077 20077 20077
20077 20077 20077 20077 20077 20077 20077 20077
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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