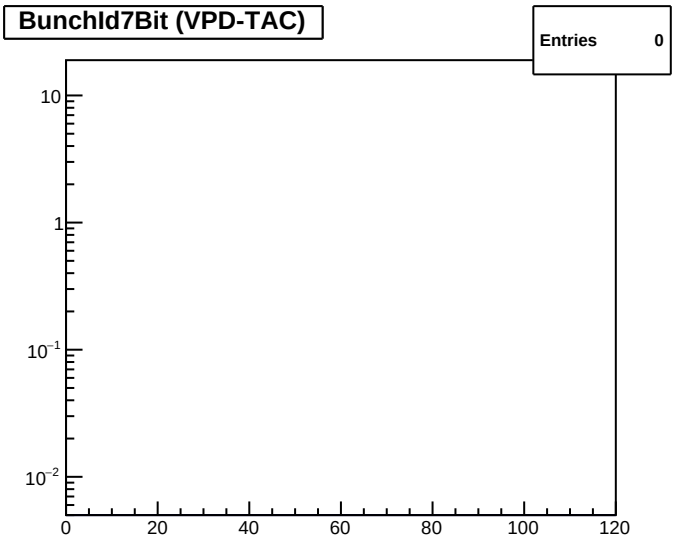
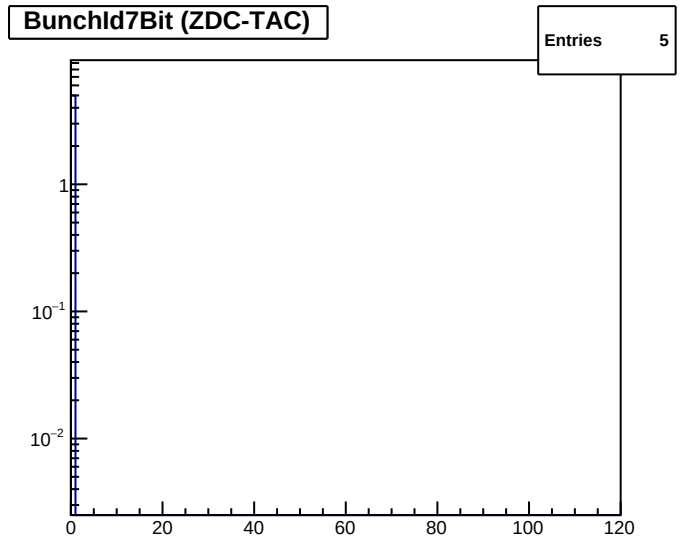
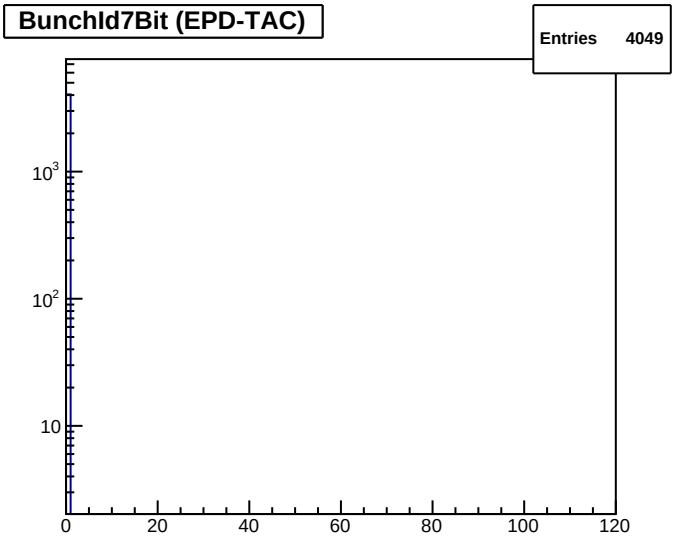
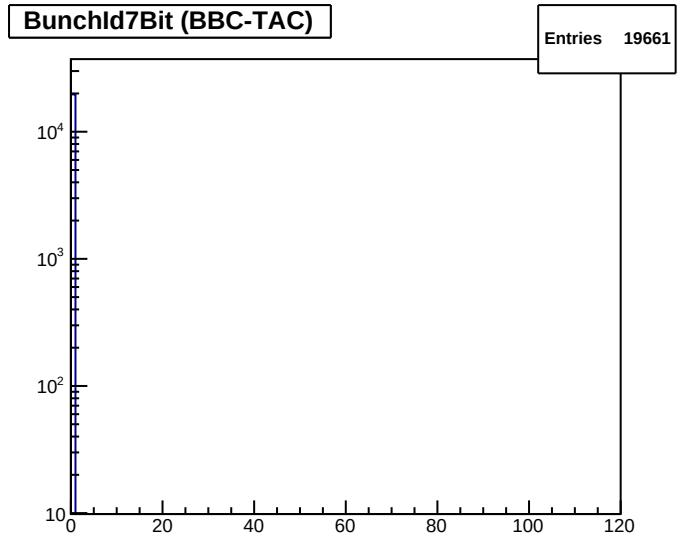
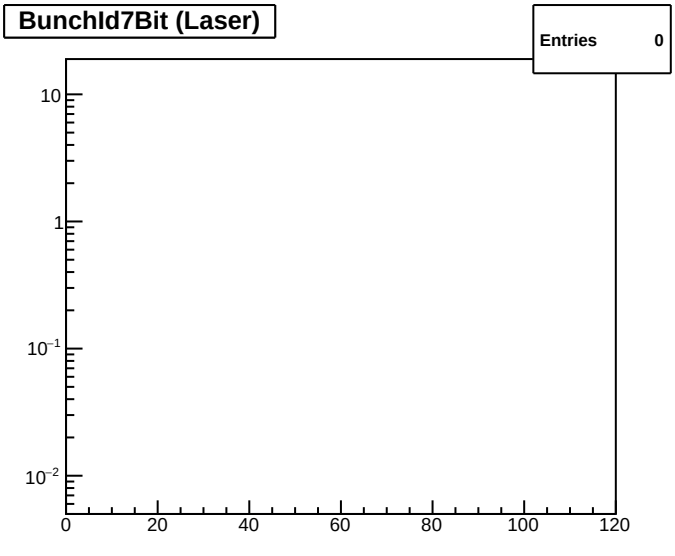
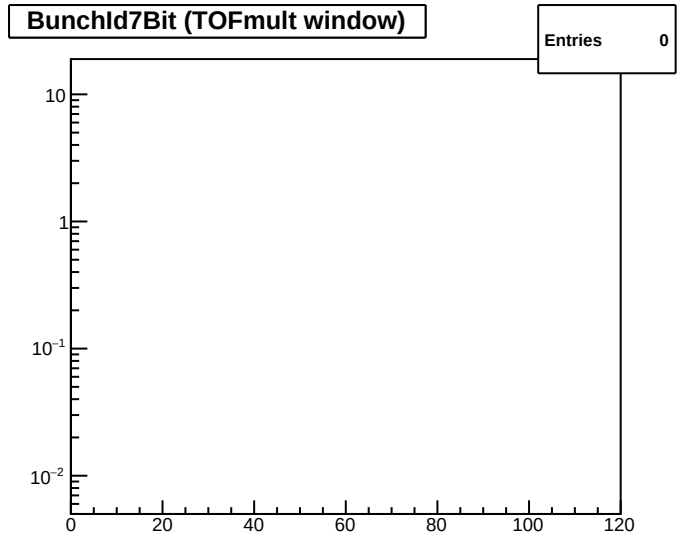

BunchId7Bit (VPD-TAC)
Entries 0

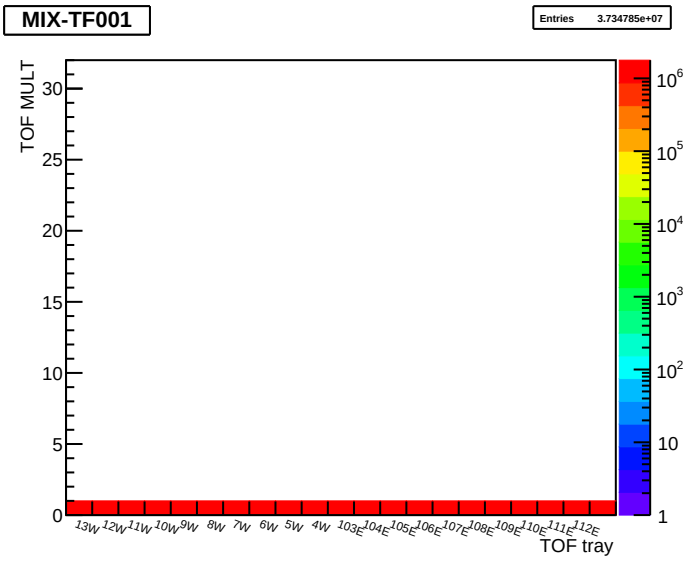

BunchId7Bit (ZDC-TAC)
Entries 5

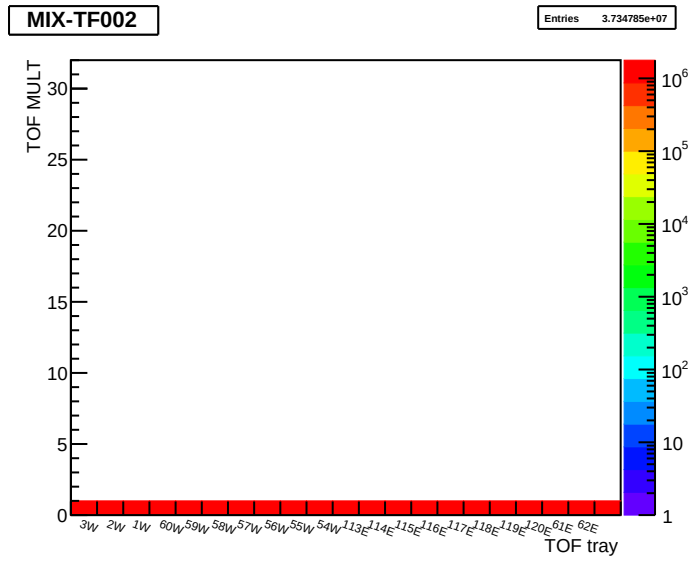

BunchId7Bit (EPD-TAC)
Entries 4049

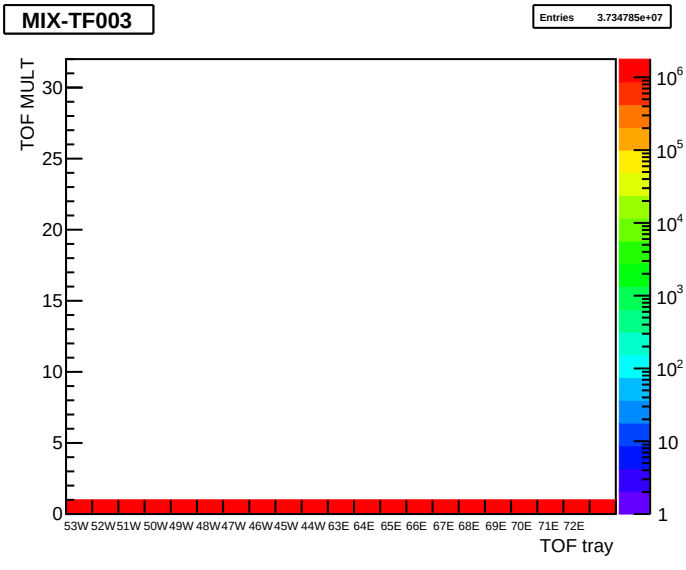

BunchId7Bit (BBC-TAC)
Entries 19661

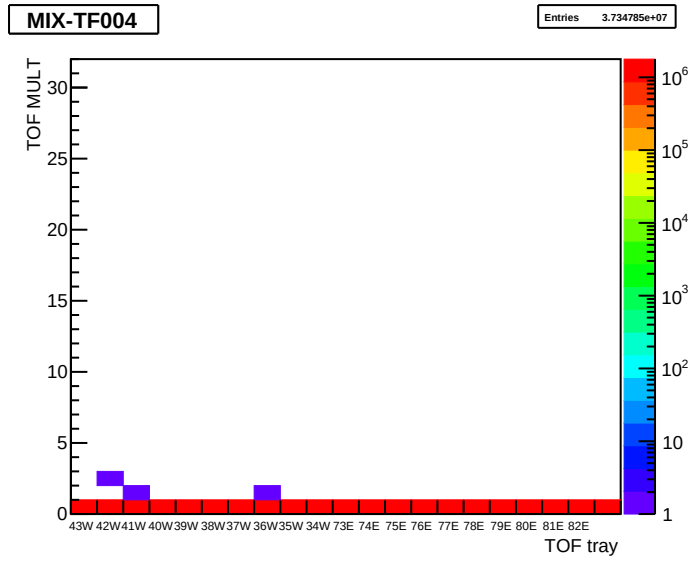

BunchId7Bit (Laser)
Entries 0

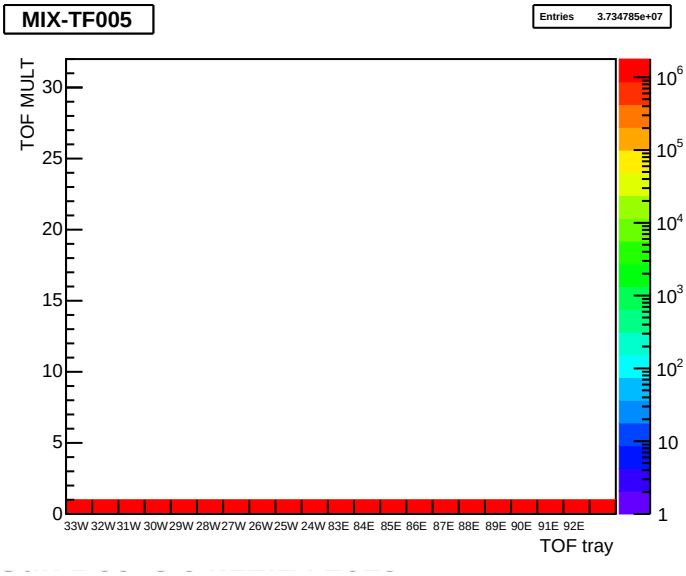

BunchId7Bit (TOFmult window)
Entries 0

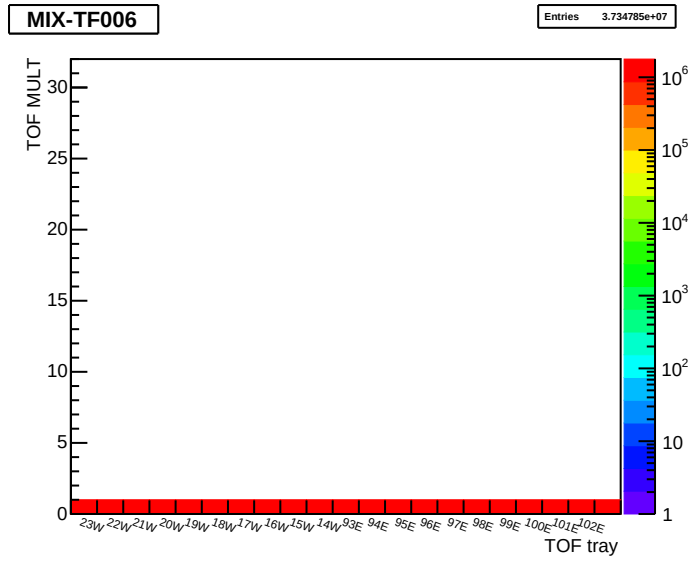

MIX-TF001
Entries 3.734785e+07
TOF MULT
TOF tray

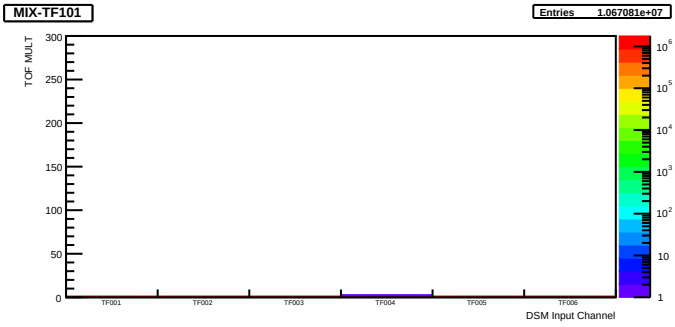

MIX-TF002
Entries 3.734785e+07
TOF MULT
TOF tray

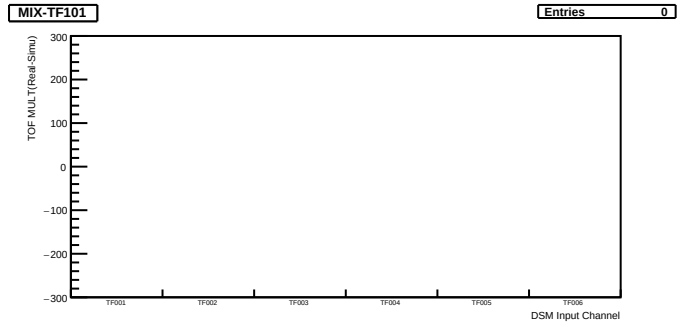

MIX-TF003
Entries 3.734785e+07
TOF MULT
TOF tray

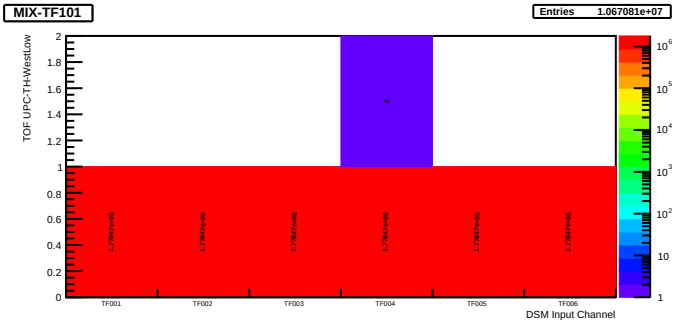

MIX-TF004
Entries 3.734785e+07
TOF MULT
TOF tray

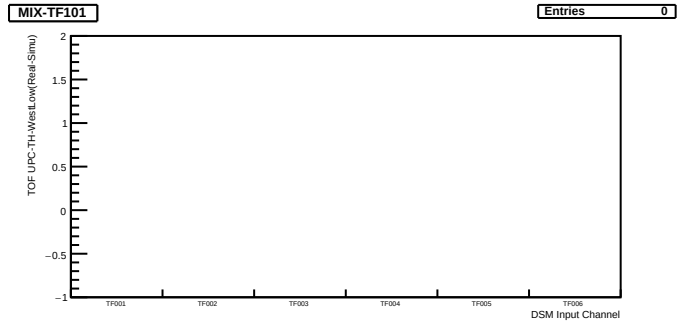

MIX-TF005
Entries 3.734785e+07
TOF MULT
TOF tray

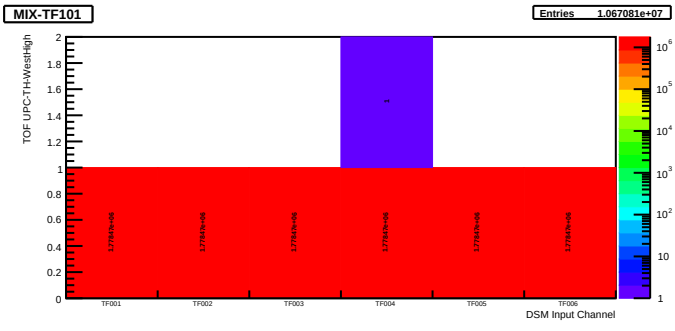

MIX-TF006
Entries 3.734785e+07
TOF MULT
TOF tray

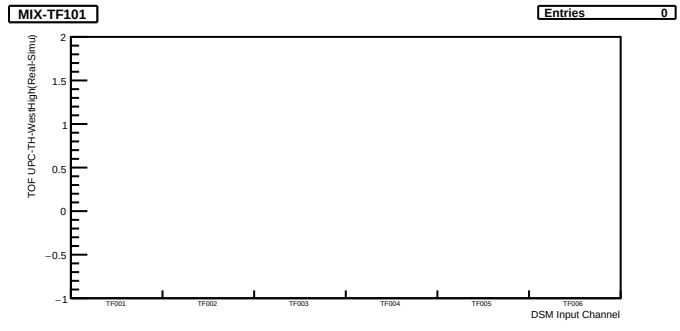

MIX-TF101
Entries 1.067081e+07
TOF MULT
DSM Input Channel

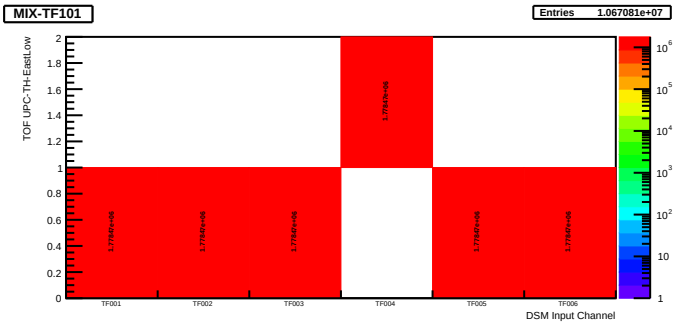

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

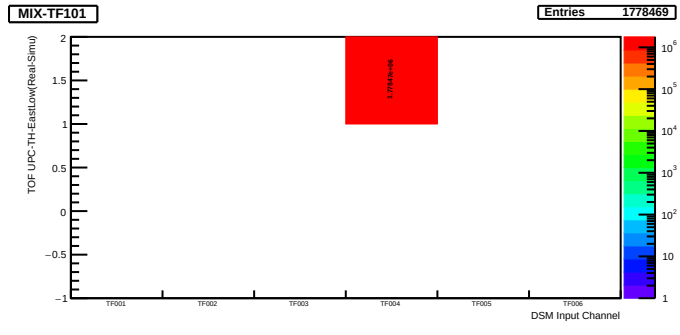

MIX-TF101
Entries 1.067081e+07
TOF UPC-TH-WestLow
DSM Input Channel

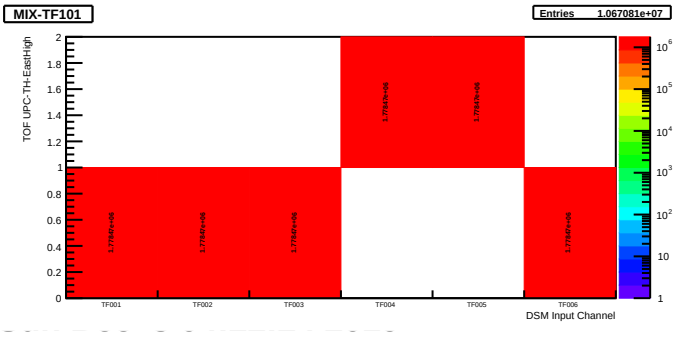

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

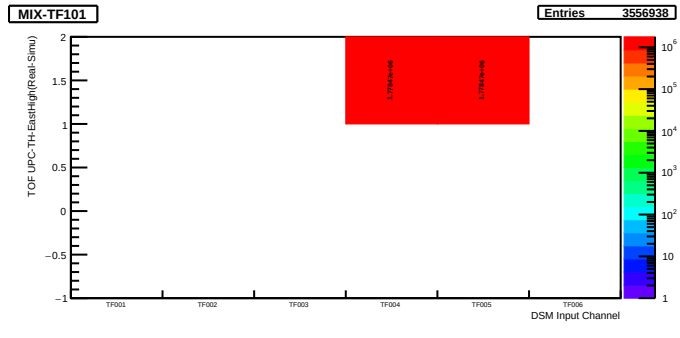

MIX-TF101
Entries 1.067081e+07
TOF UPC-TH-WestHigh
DSM Input Channel

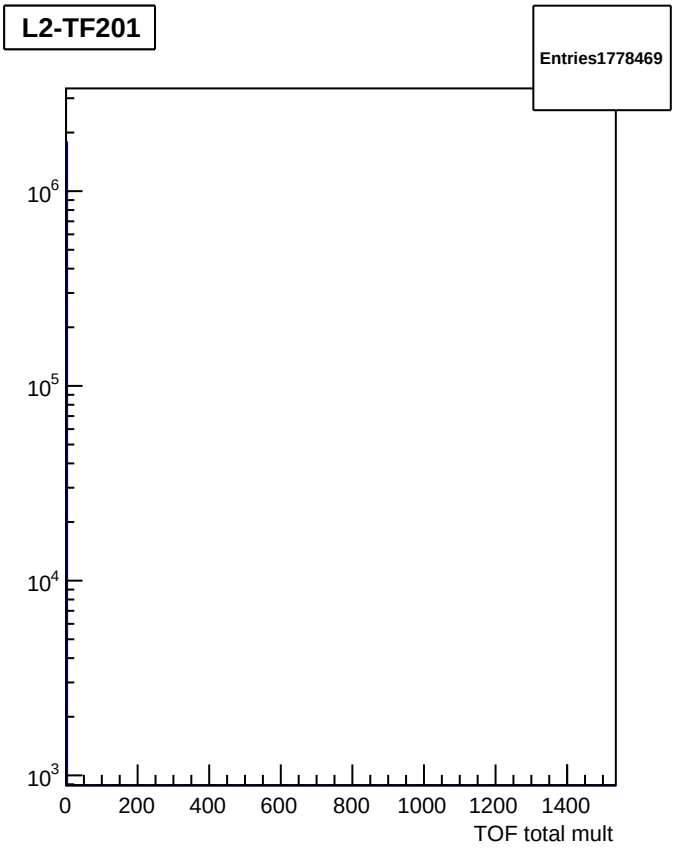

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

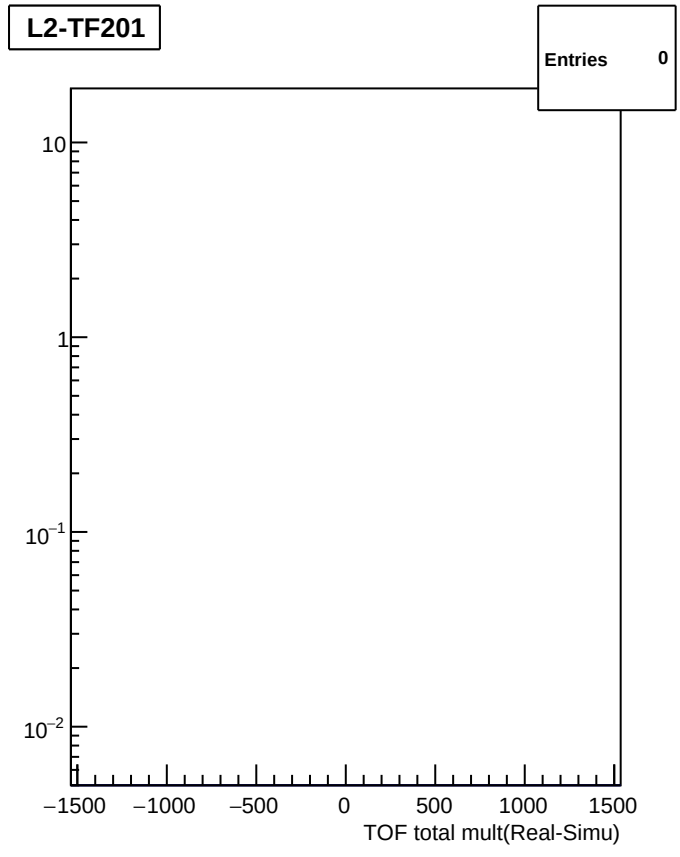

MIX-TF101
Entries 1.067081e+07
TOF UPC-TH-EastLow
DSM Input Channel

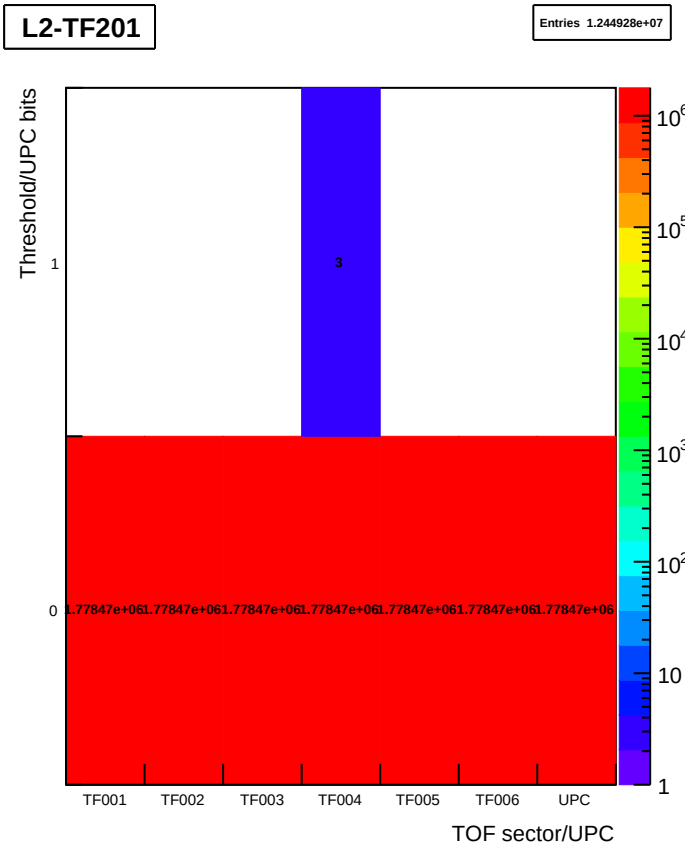

MIX-TF101
Entries 1778469
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

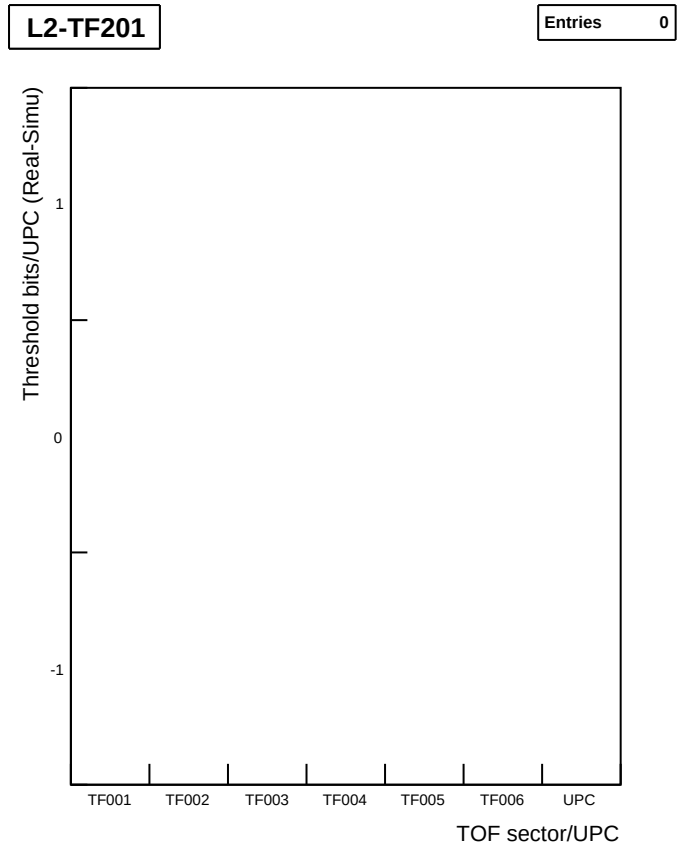

MIX-TF101
Entries 1.067081e+07
TOF UPC-TH-EastHigh
DSM Input Channel

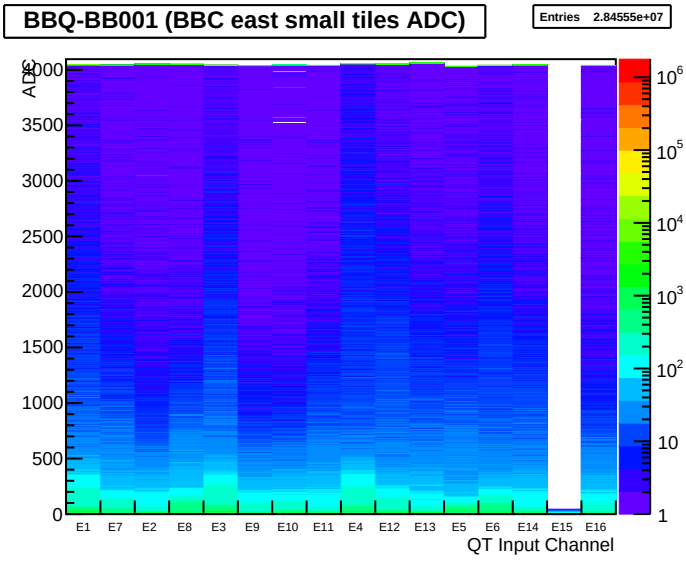

MIX-TF101
Entries 3556938
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

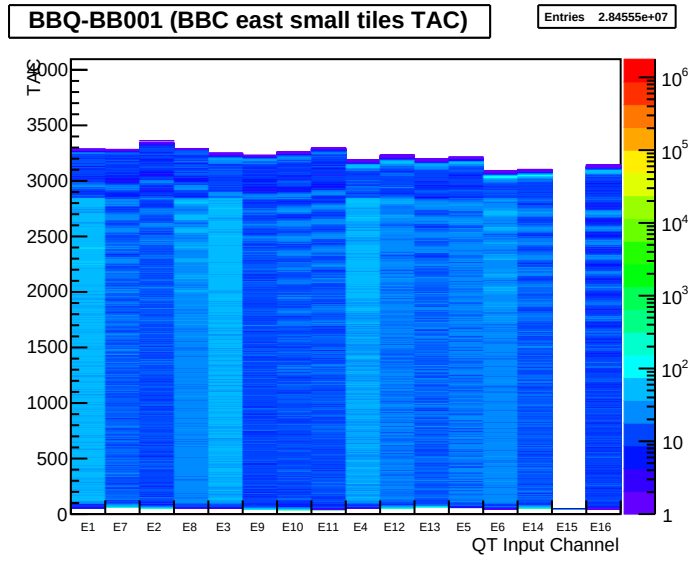

L2-TF201
Entries1778469
TOF total mult

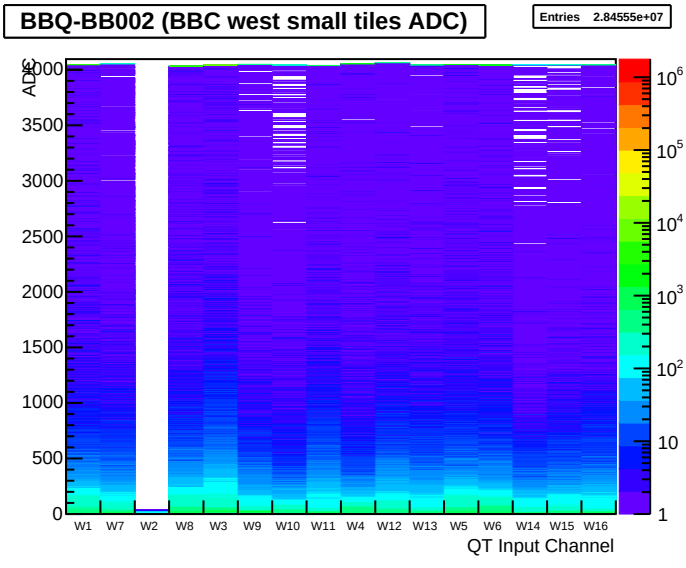

L2-TF201
Entries 0
TOF total mult(Real-Simu)

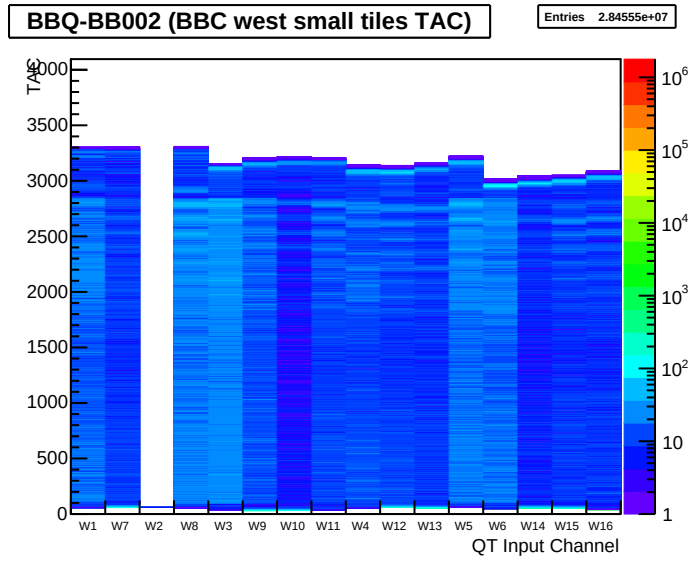

L2-TF201
Entries 1.244928e+07
Threshold/UPC bits
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

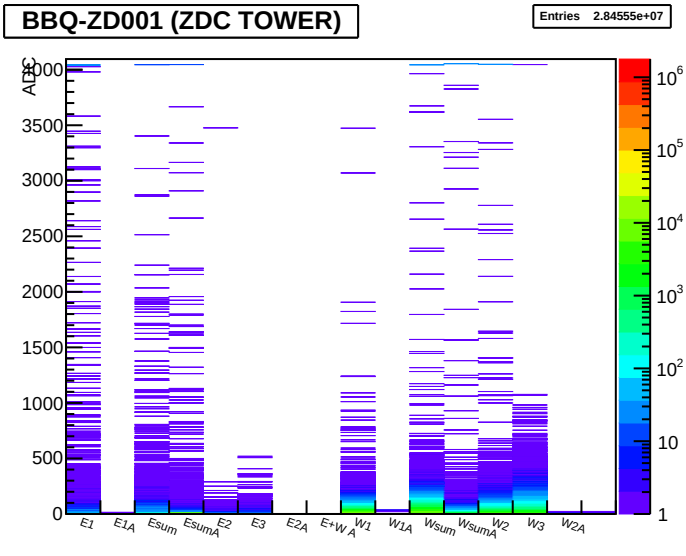

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

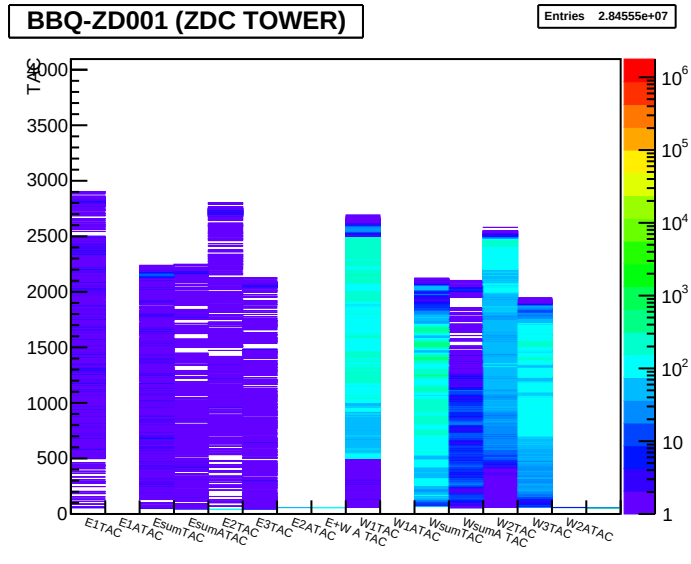

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.84555e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

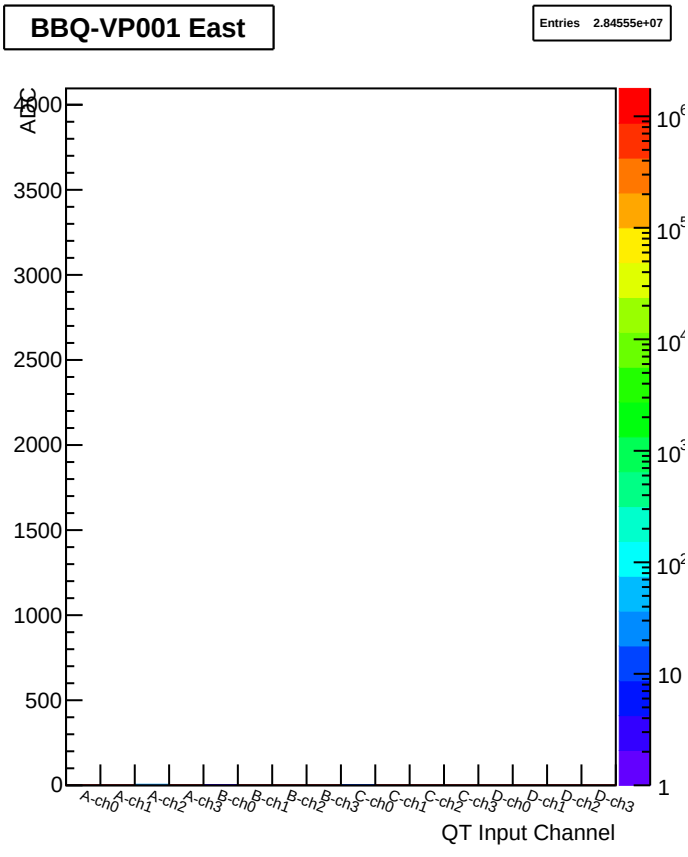

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.84555e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

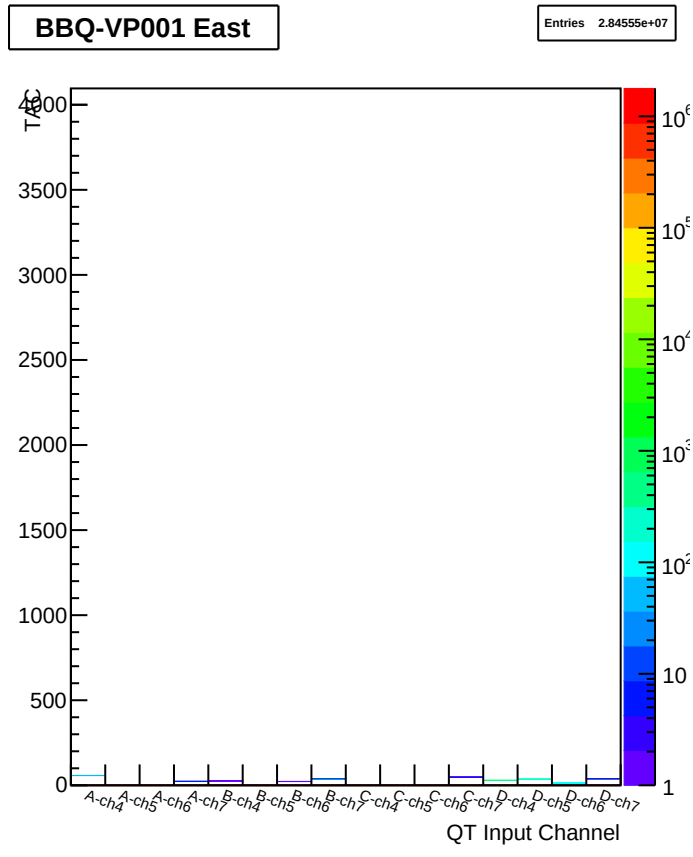

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.84555e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

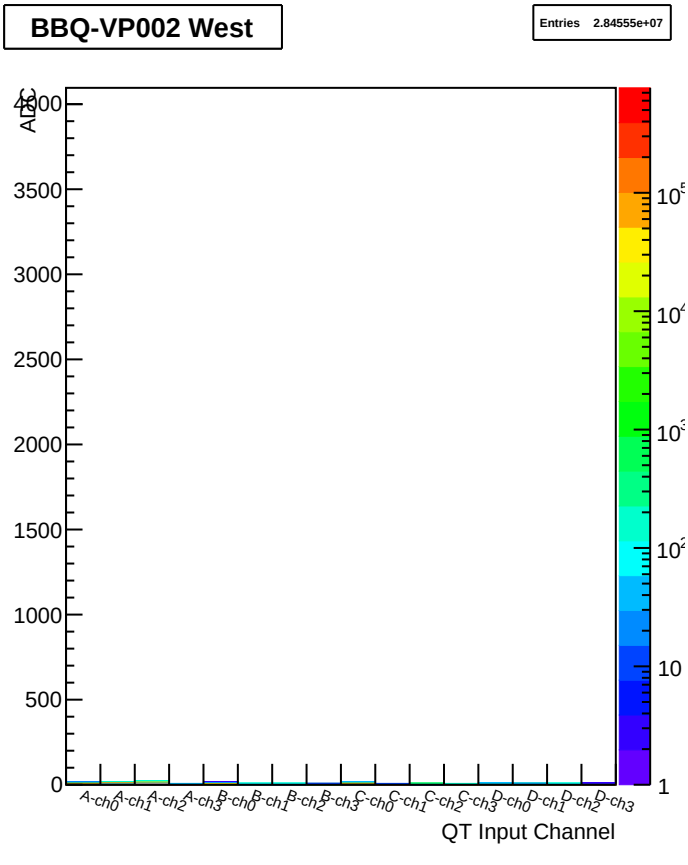

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.84555e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

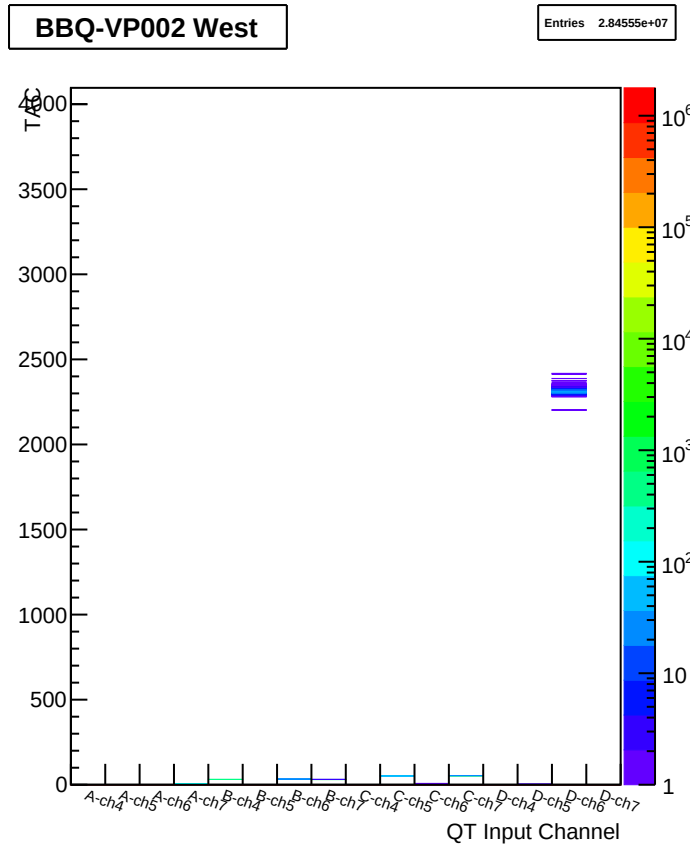

BBQ-ZD001 (ZDC TOWER)
Entries 2.84555e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

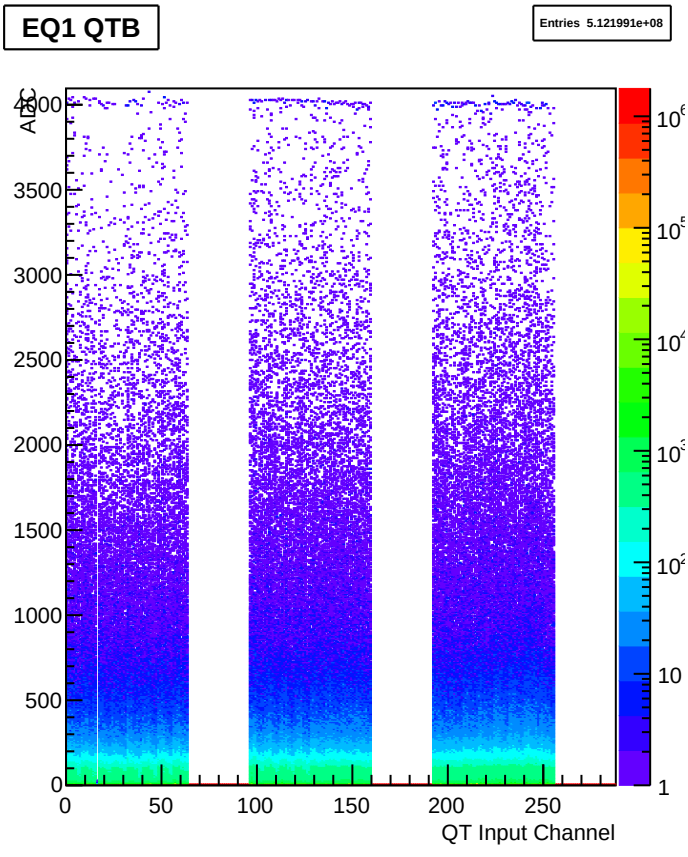

BBQ-ZD001 (ZDC TOWER)
Entries 2.84555e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

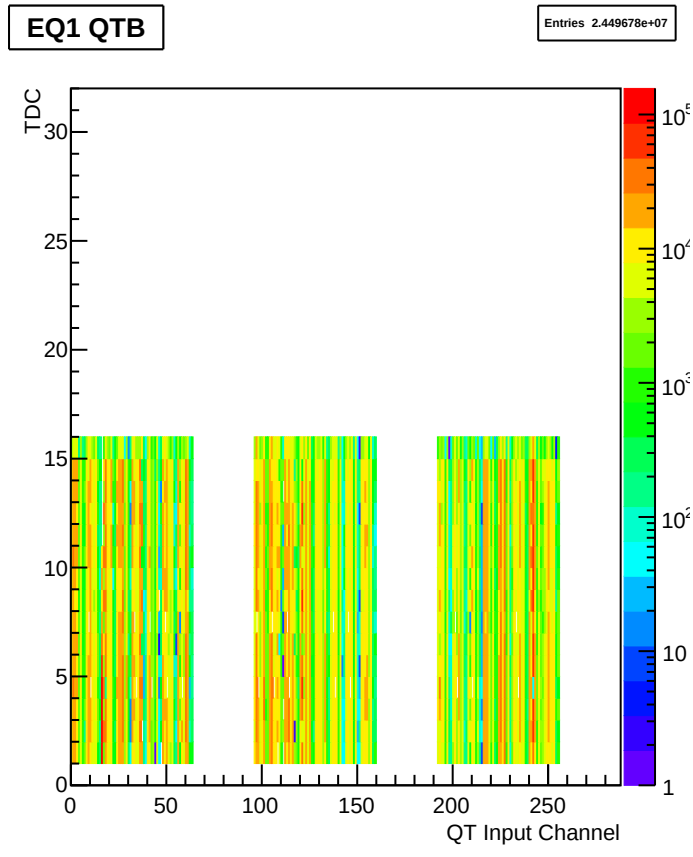

BBQ-VP001 East
Entries 2.84555e+07
ADC
QT Input Channel

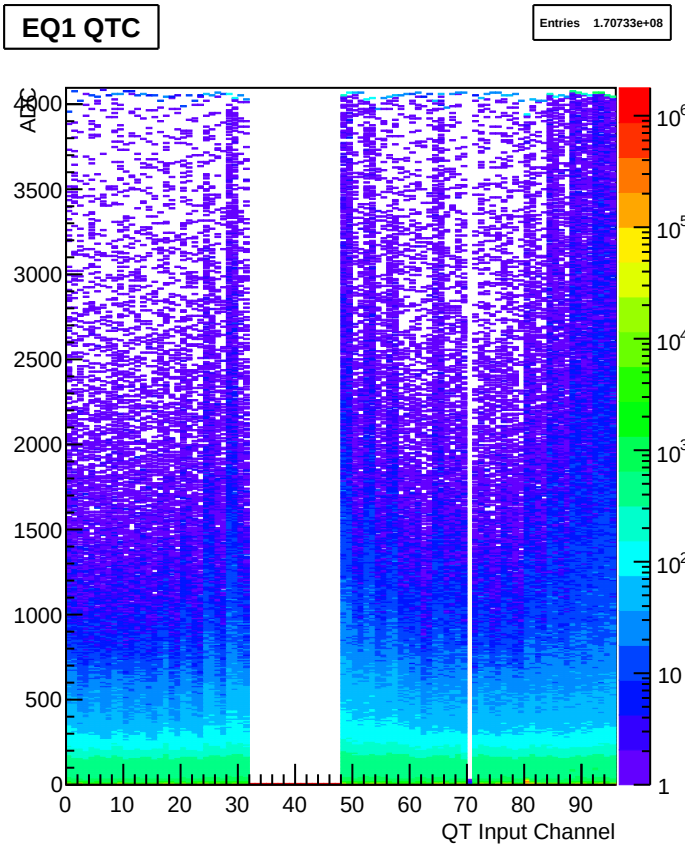

BBQ-VP001 East
Entries 2.84555e+07
TADC
QT Input Channel

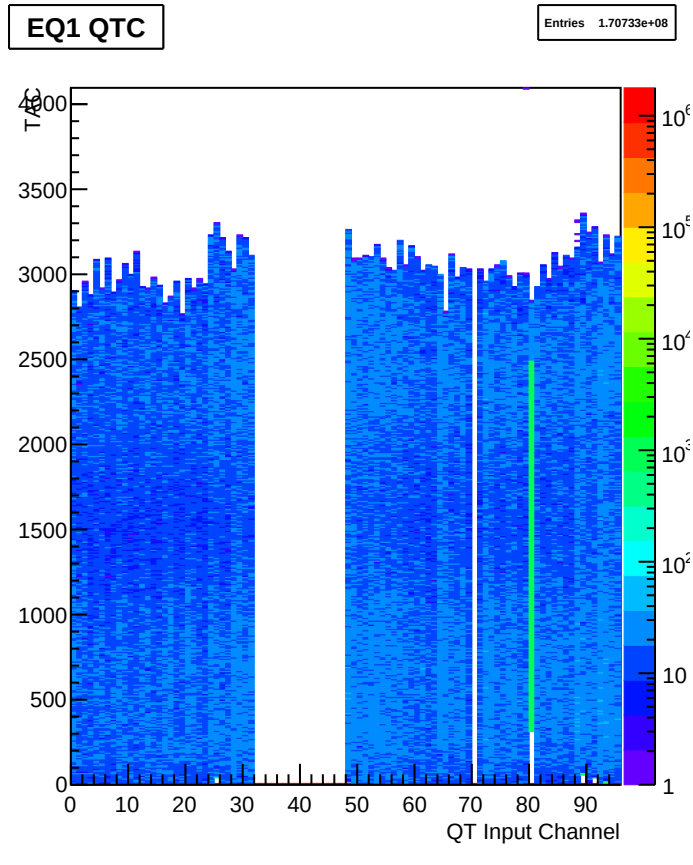

BBQ-VP002 West
Entries 2.84555e+07
ADC
QT Input Channel

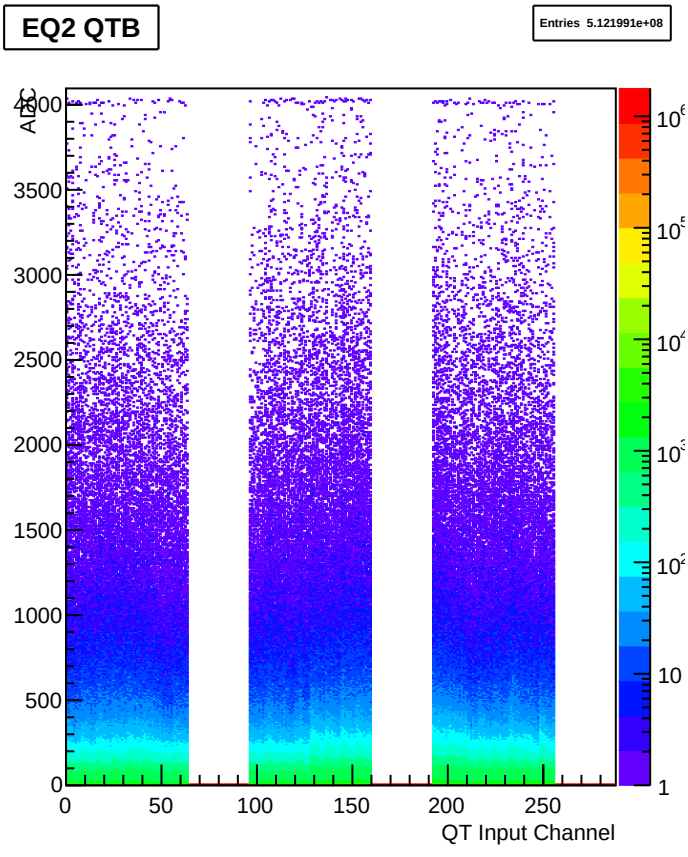

BBQ-VP002 West
Entries 2.84555e+07
TADC
QT Input Channel

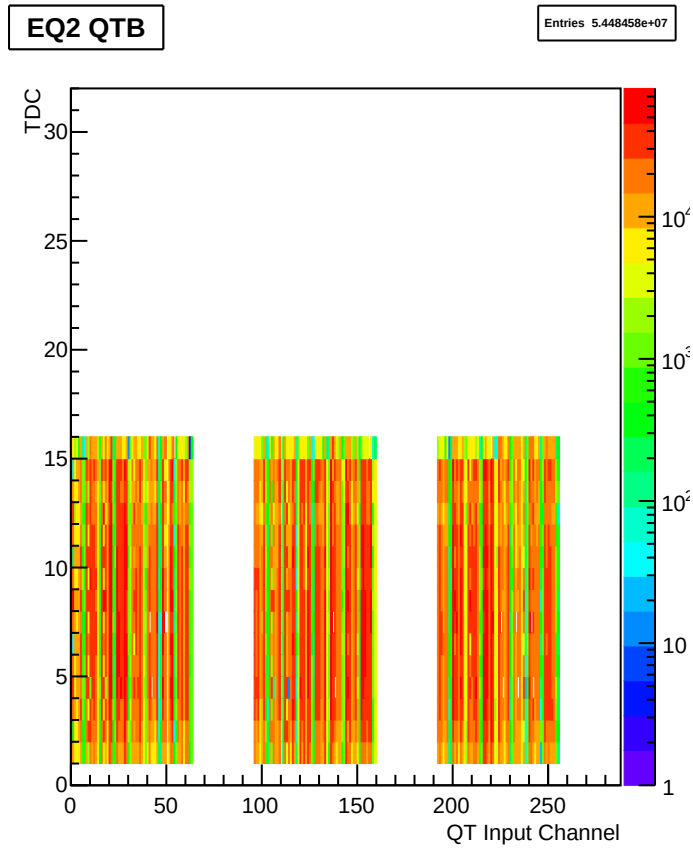

EQ1 QTB
Entries 5.121991e+08
ADC
QT Input Channel

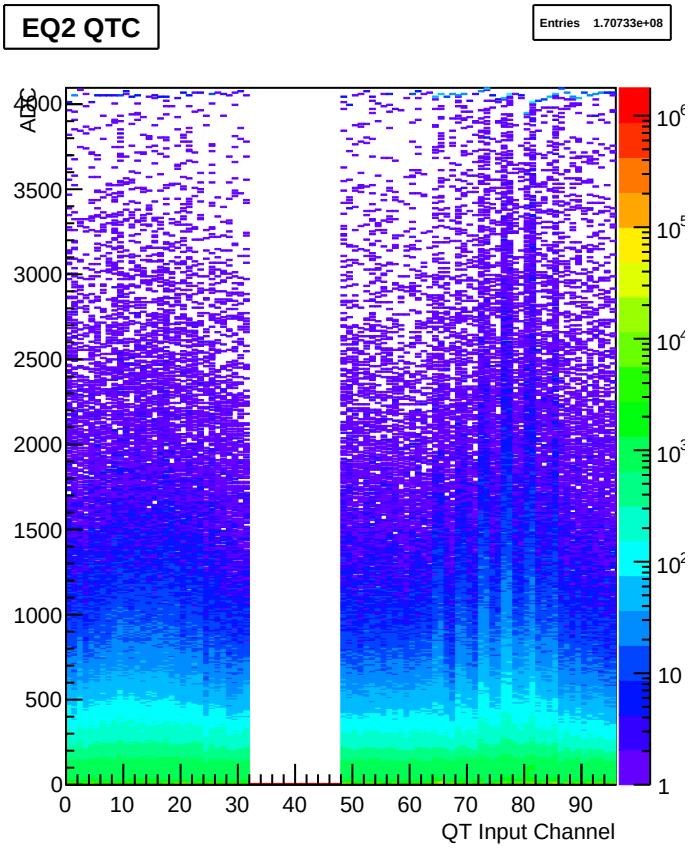

EQ1 QTB
Entries 2.449678e+07
TDC
QT Input Channel

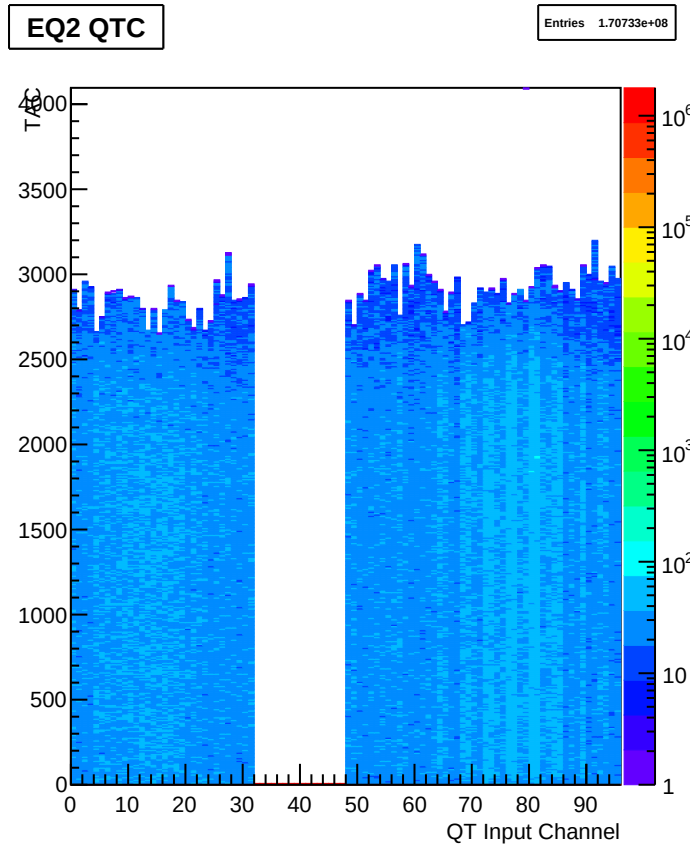

EQ1 QTC
Entries 1.70733e+08
ADC
QT Input Channel

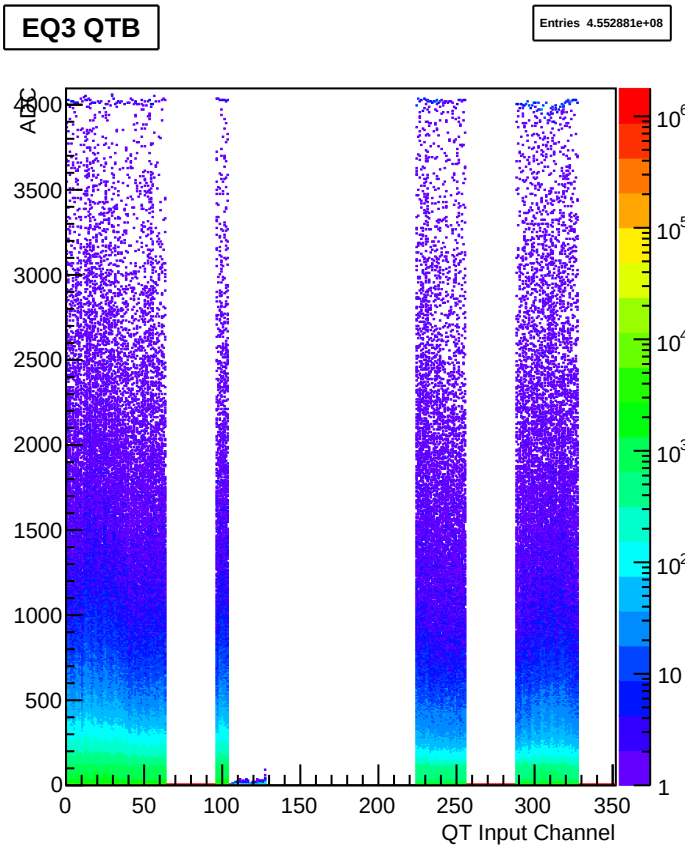

EQ1 QTC
Entries 1.70733e+08
TAC
QT Input Channel

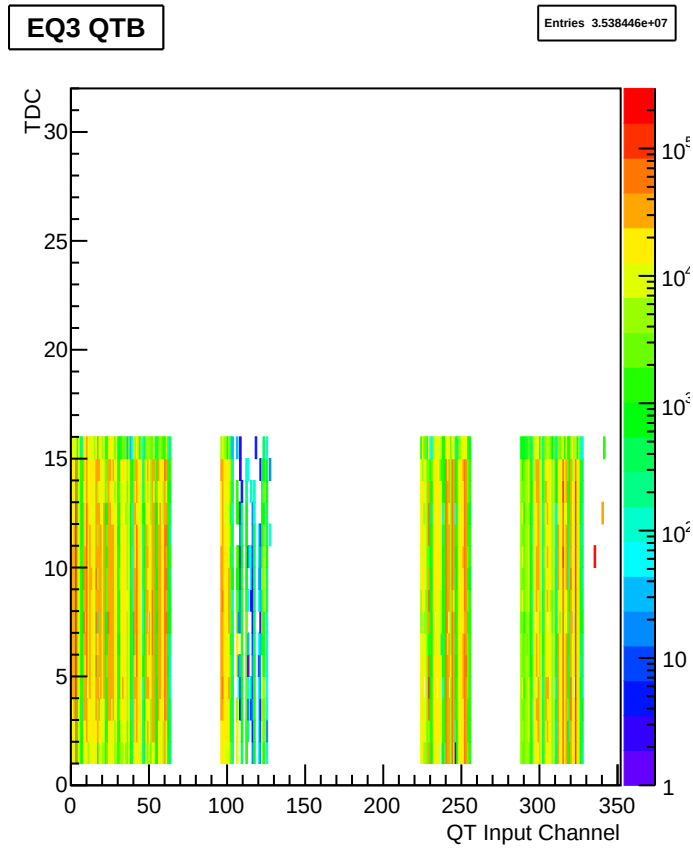

EQ2 QTB
Entries 5.121991e+08
ADC
QT Input Channel

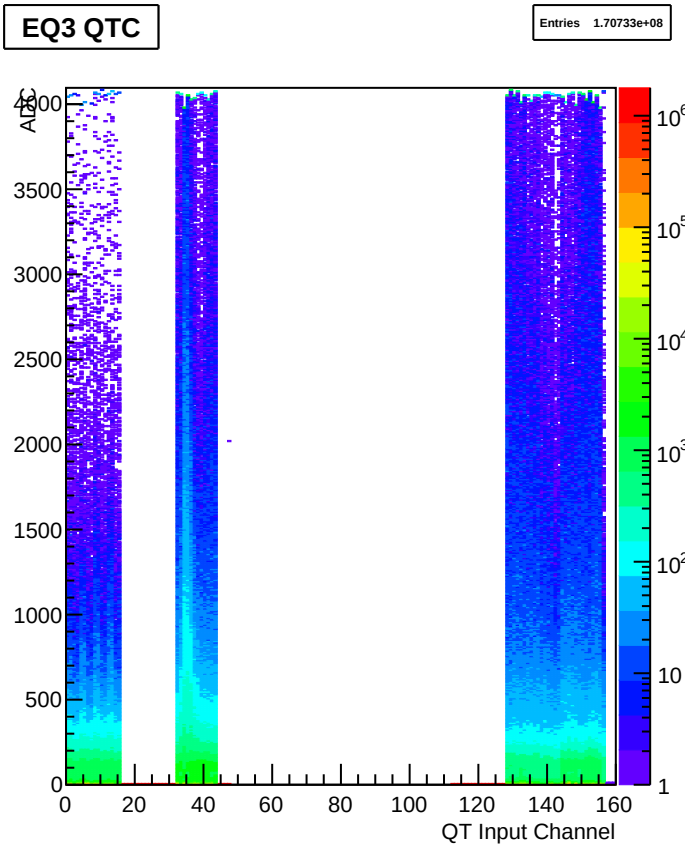

EQ2 QTB
Entries 5.448458e+07
TDC
QT Input Channel

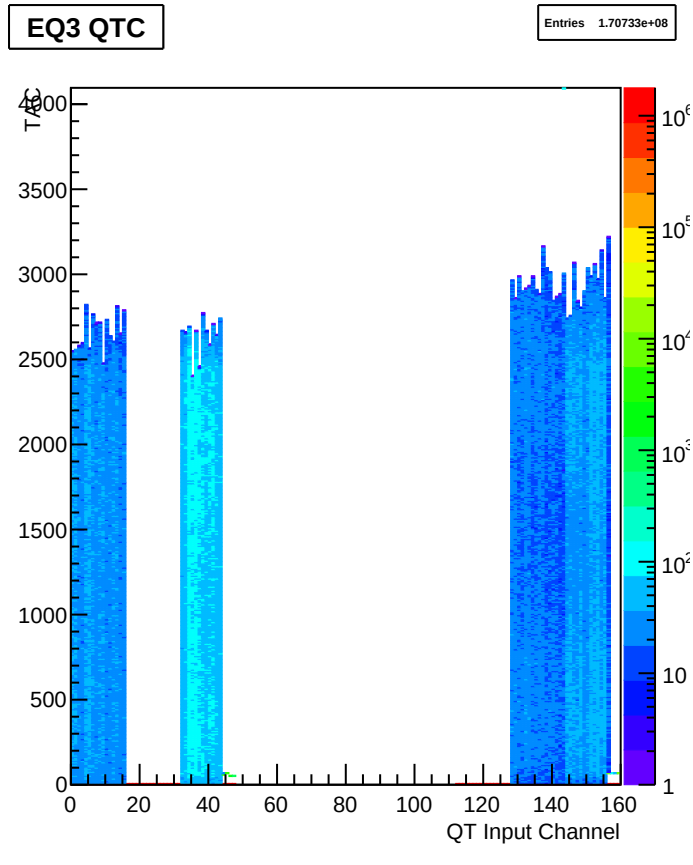

EQ2 QTC
Entries 1.70733e+08
ADC
QT Input Channel

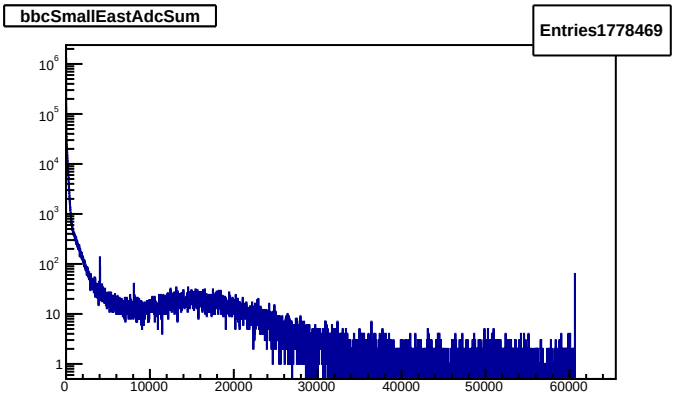

EQ2 QTC
Entries 1.70733e+08
TADC
QT Input Channel

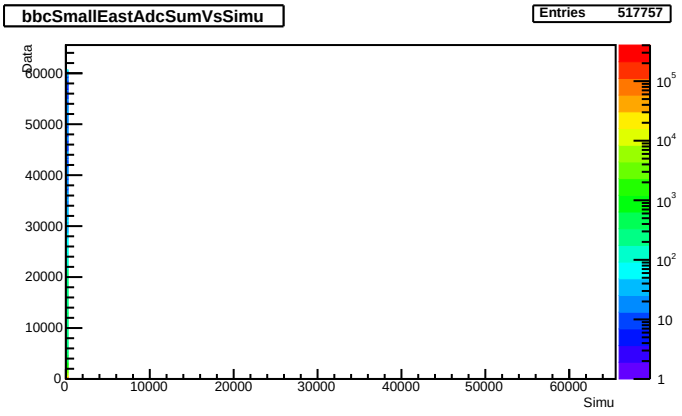

EQ3 QTB
Entries 4.552881e+08
ADC
QT Input Channel

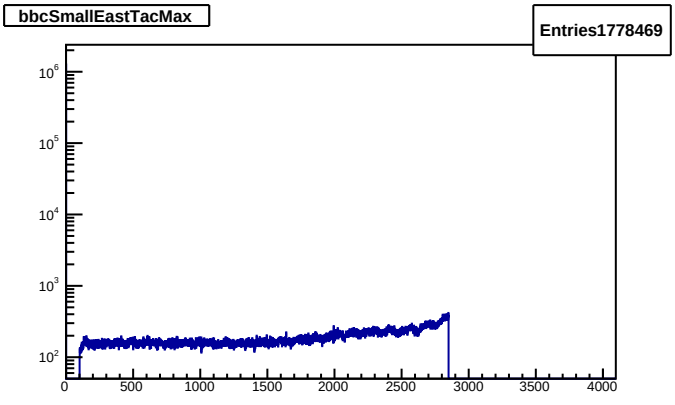

EQ3 QTB
Entries 3.538446e+07
TDC
QT Input Channel

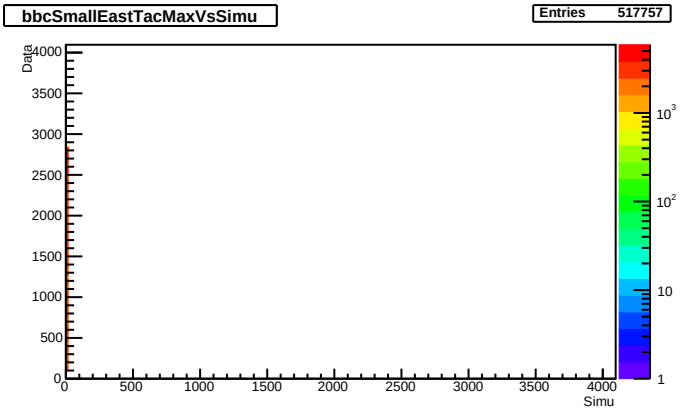

EQ3 QTC
Entries 1.70733e+08
ADC
QT Input Channel

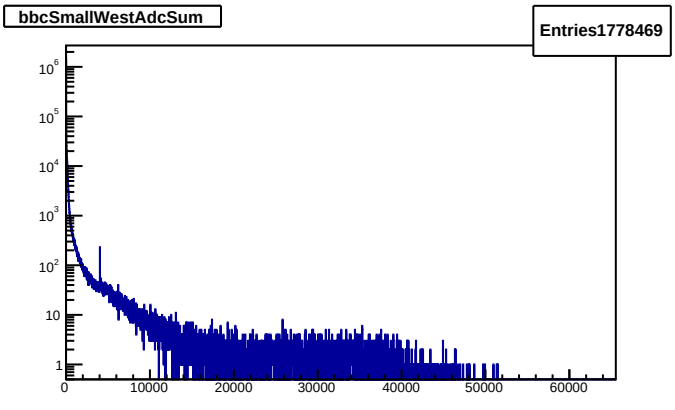

EQ3 QTC
Entries 1.70733e+08
TADC
QT Input Channel

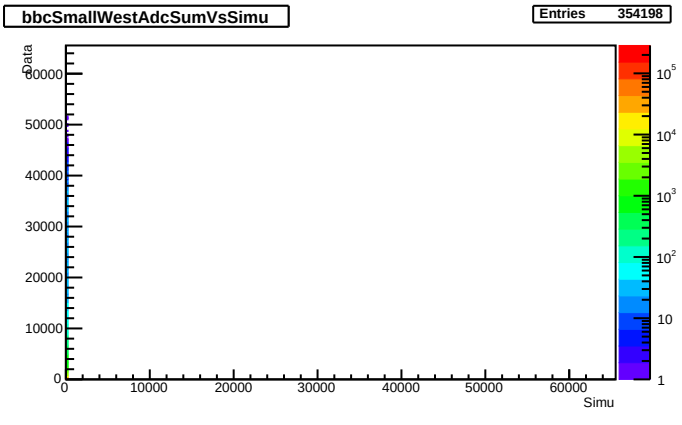

bbcSmallEastAdcSum
Entries1778469

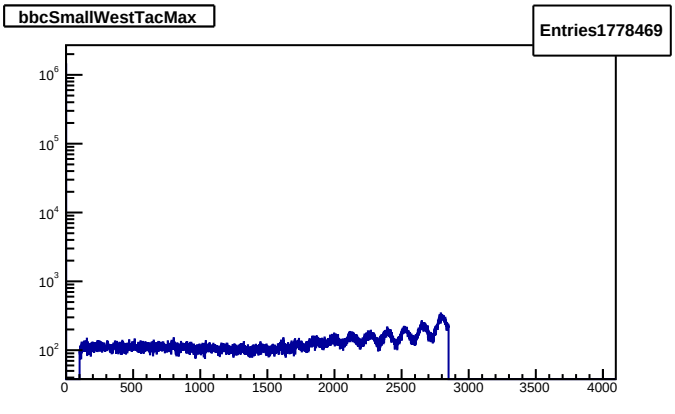

bbcSmallEastAdcSumVsSimu
Entries 517757
Data
Simu

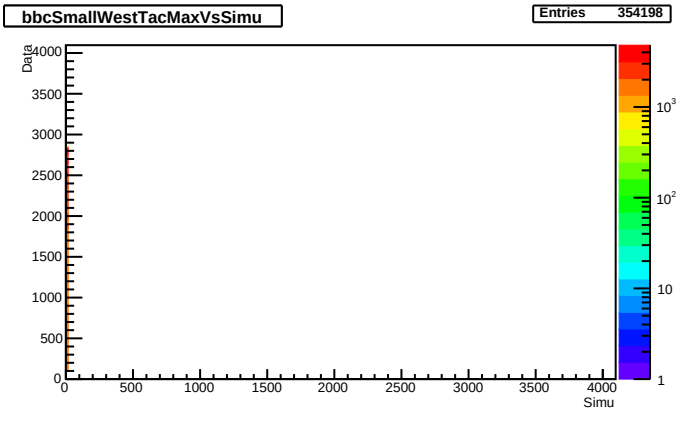

bbcSmallEastTacMax
Entries1778469

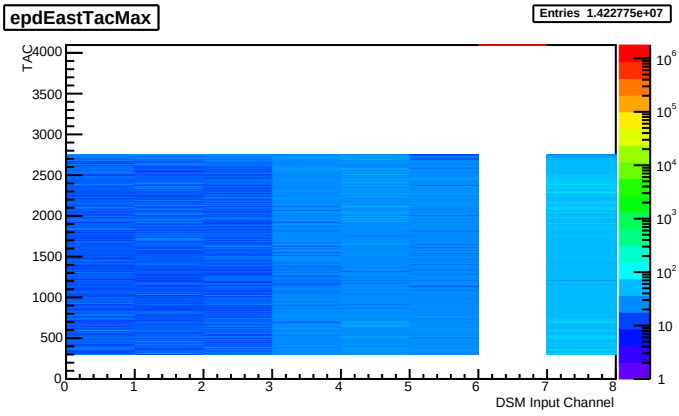

bbcSmallEastTacMaxVsSimu
Entries 517757
Data
Simu

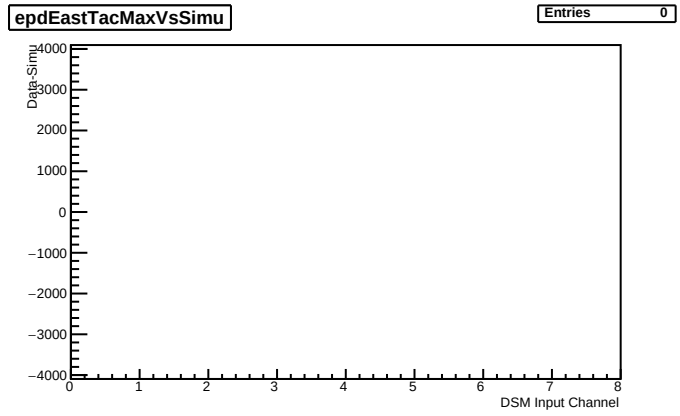

bbcSmallWestAdcSum
Entries1778469

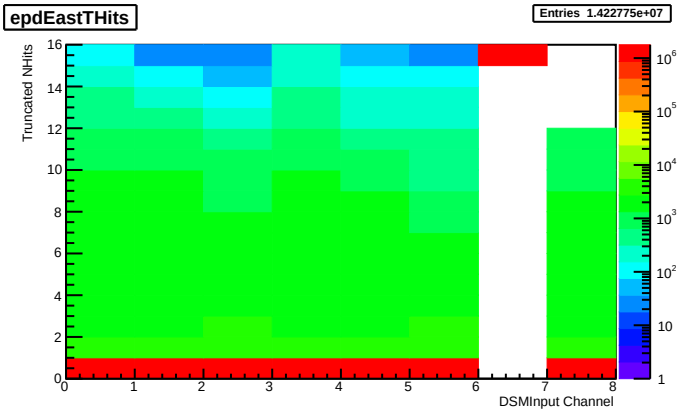

bbcSmallWestAdcSumVsSimu
Entries 354198
Data
Simu

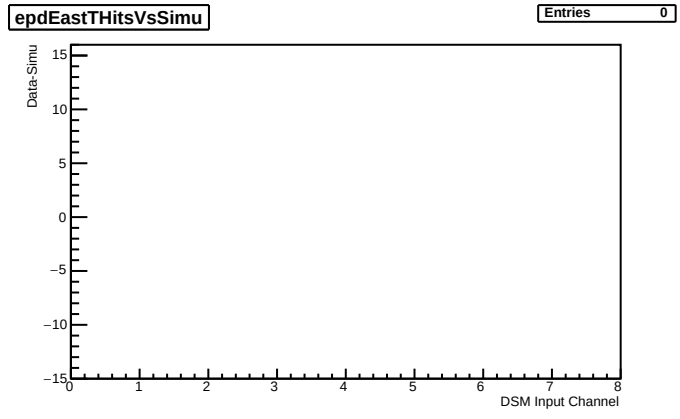

bbcSmallWestTacMax
Entries1778469

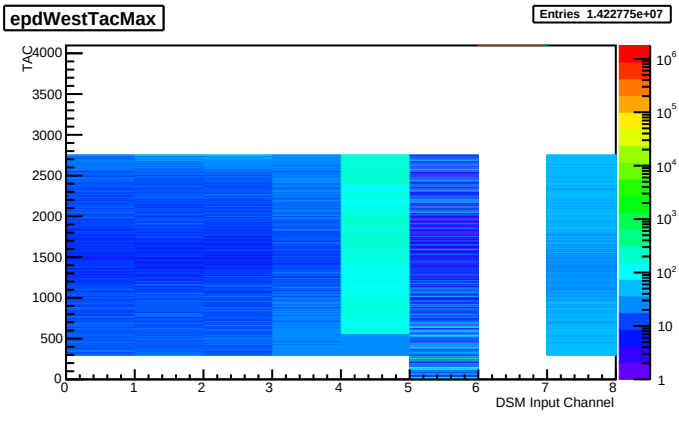

bbcSmallWestTacMaxVsSimu
Entries 354198
Data
Simu

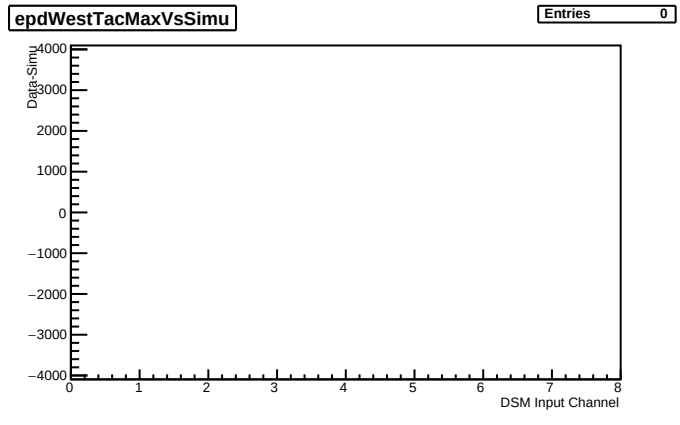

epdEastTacMax
Entries 1.422775e+07
TAC
DSM Input Channel

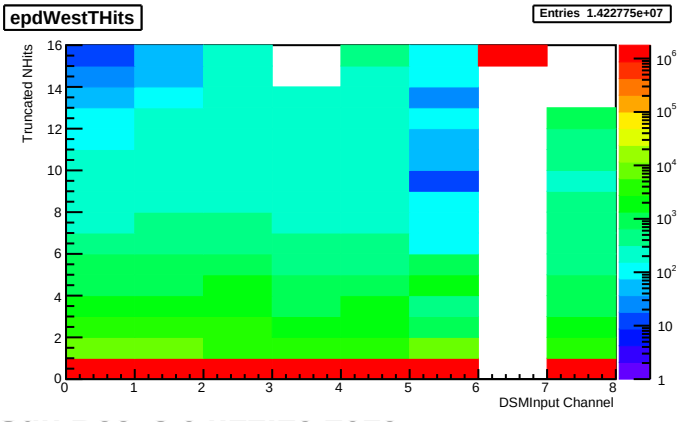

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

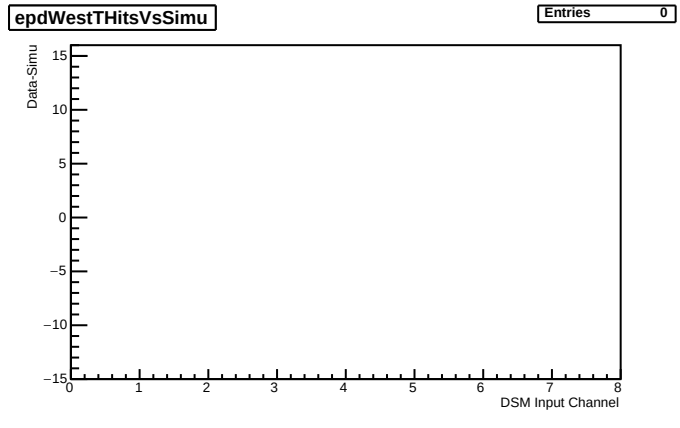

epdEastTHits
Entries 1.422775e+07
Truncated NHits
DSMInput Channel

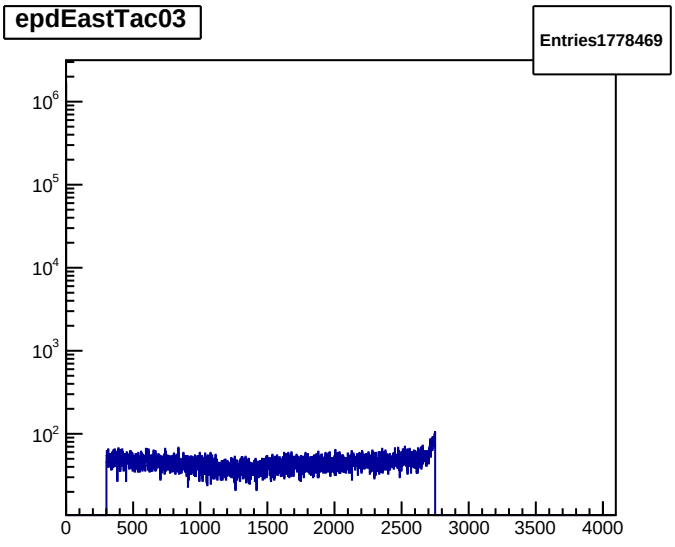

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

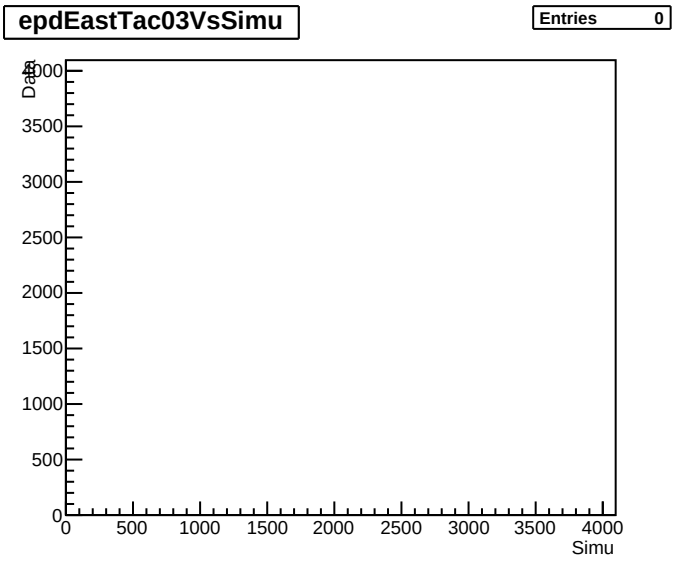

epdWestTacMax
Entries 1.422775e+07
TAC
DSM Input Channel

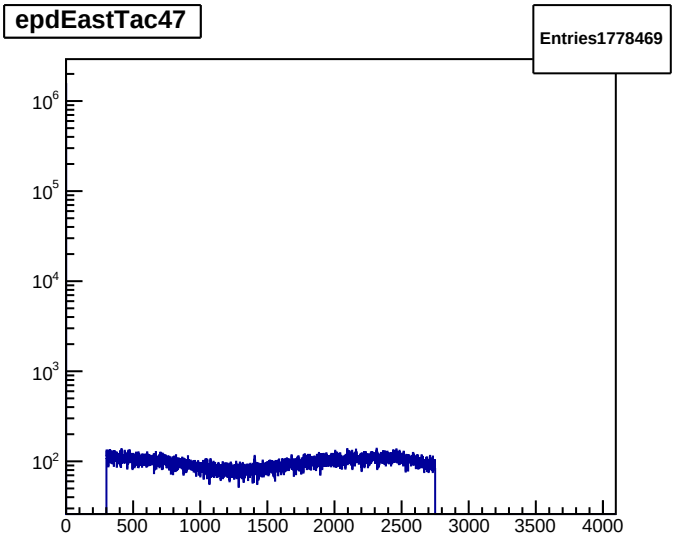

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

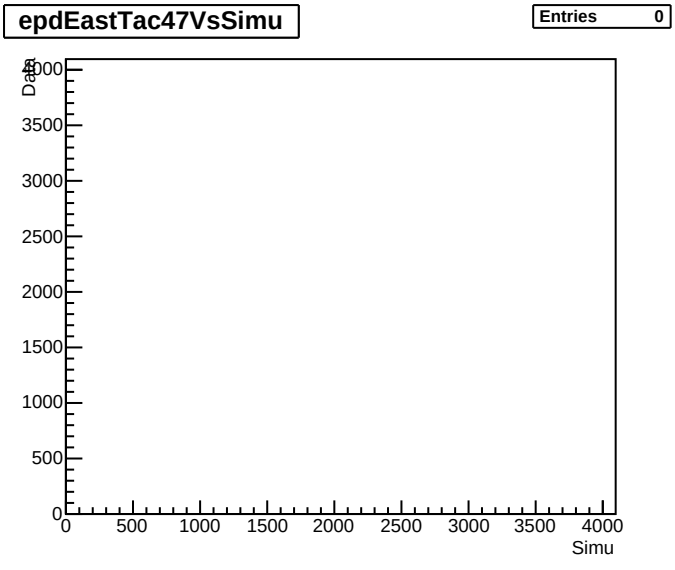

epdWestTHits
Entries 1.422775e+07
Truncated NHits
DSMInput Channel

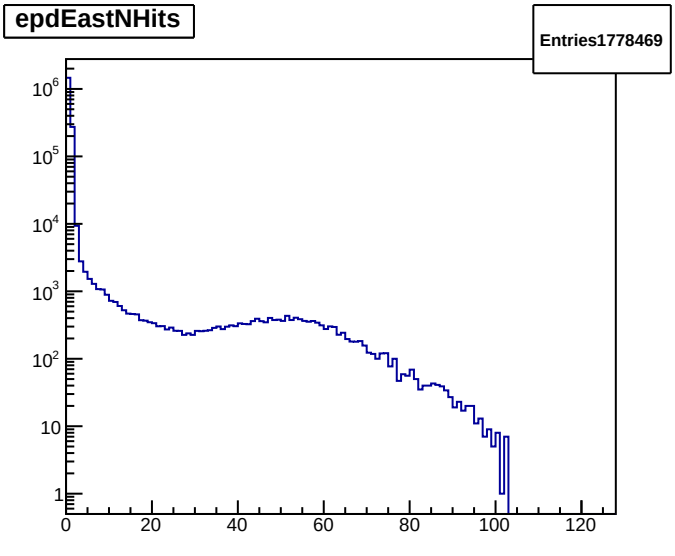

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

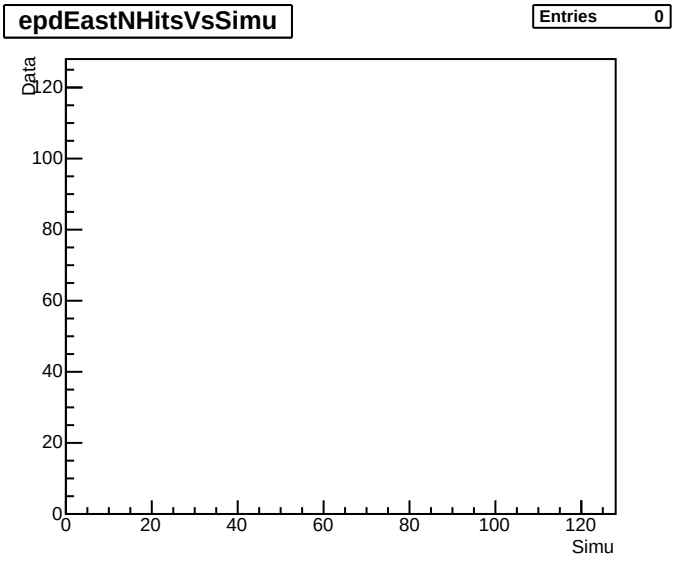

epdEastTac03
Entries1778469

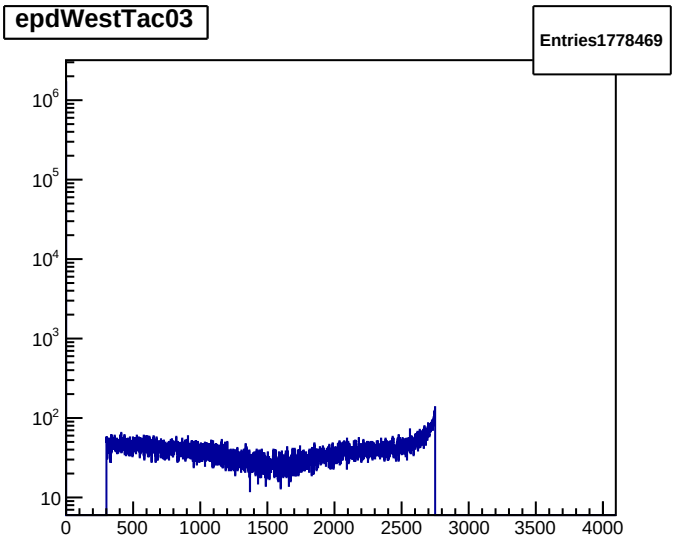

epdEastTac03VsSimu
Entries 0
Data
Simu

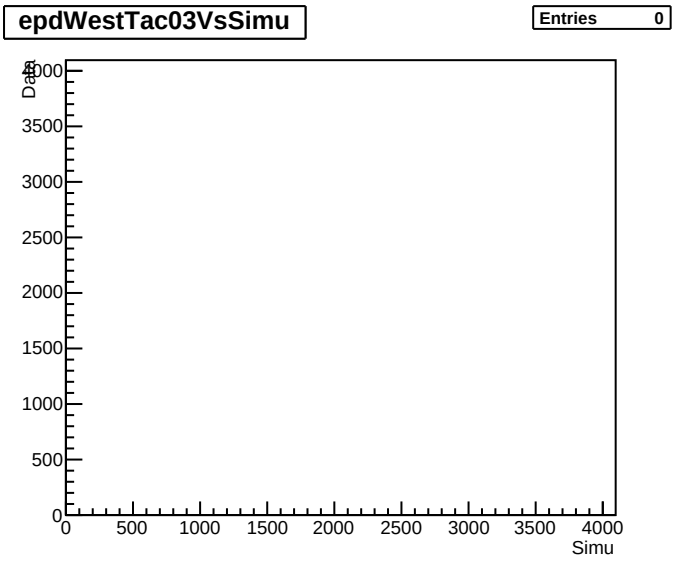

epdEastTac47
Entries1778469

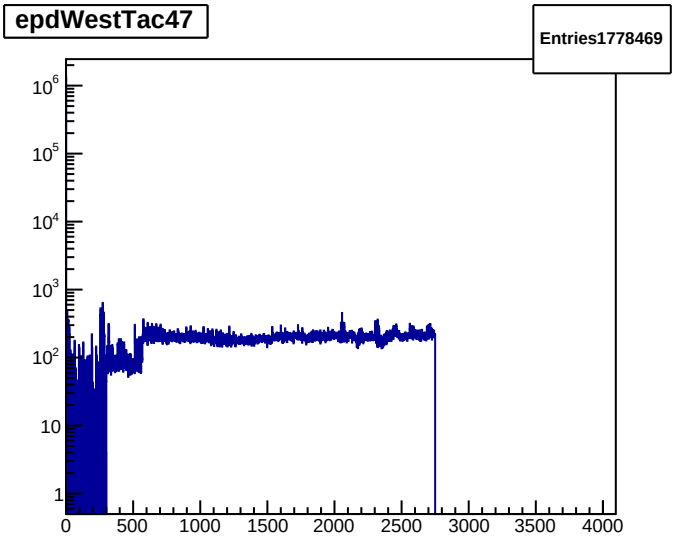

epdEastTac47VsSimu
Entries 0
Data
Simu

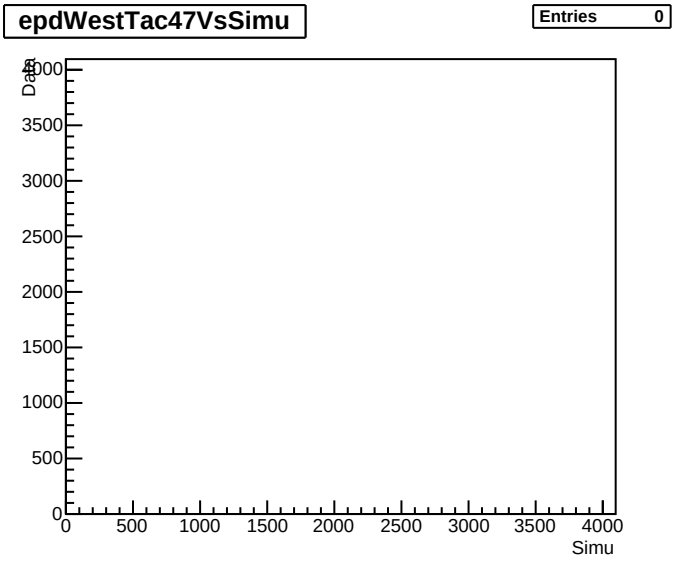

epdEastNHits
Entries1778469

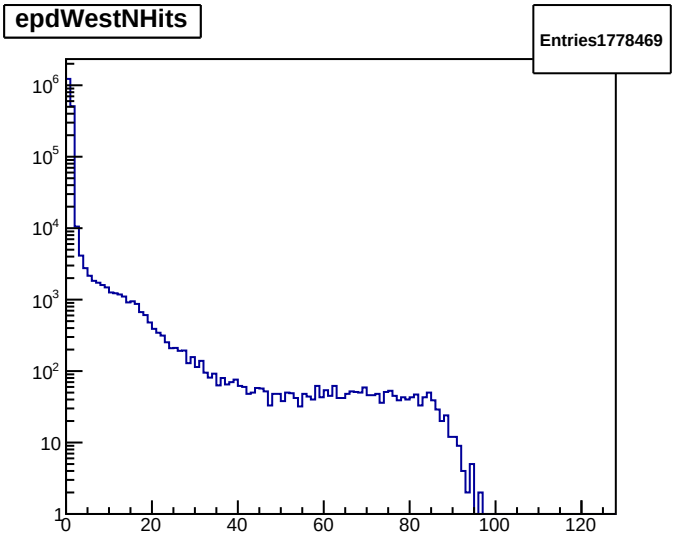

epdEastNHitsVsSimu
Entries 0
Data
Simu

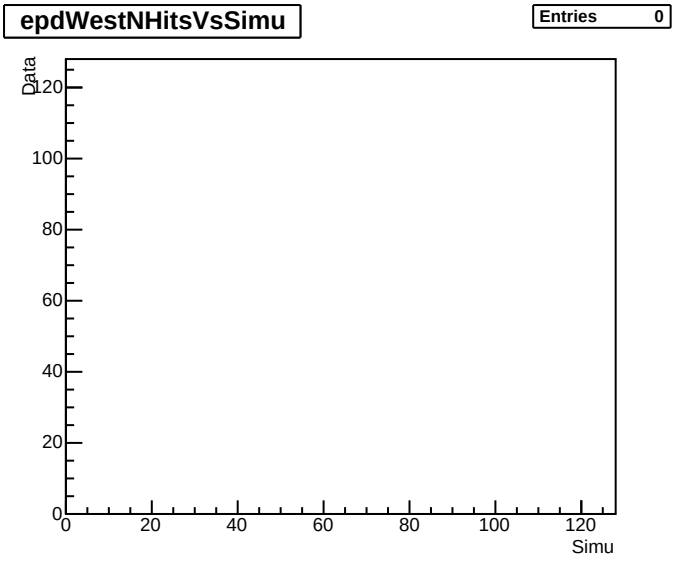

epdWestTac03
Entries1778469

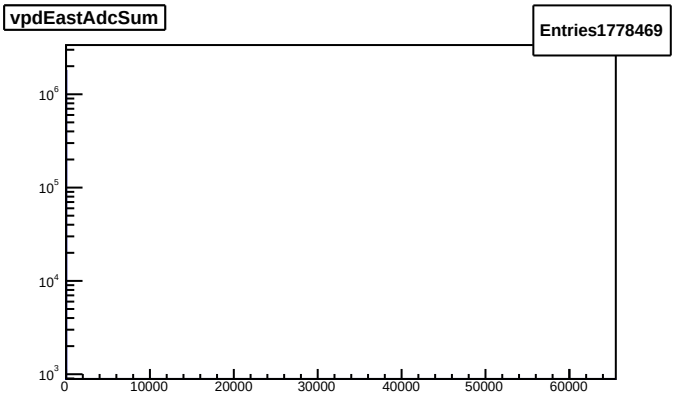

epdWestTac03VsSimu
Entries 0
Data
Simu

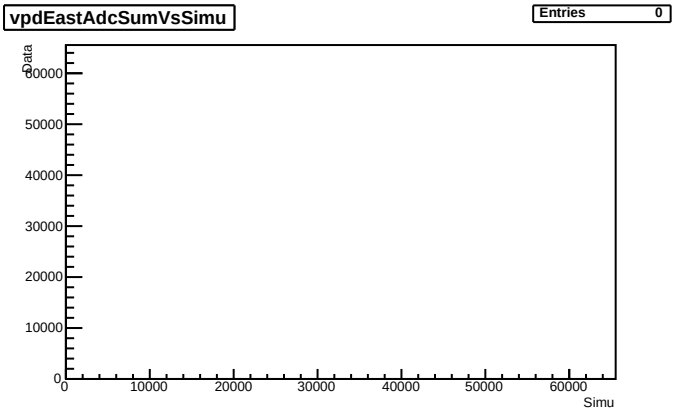

epdWestTac47
Entries1778469

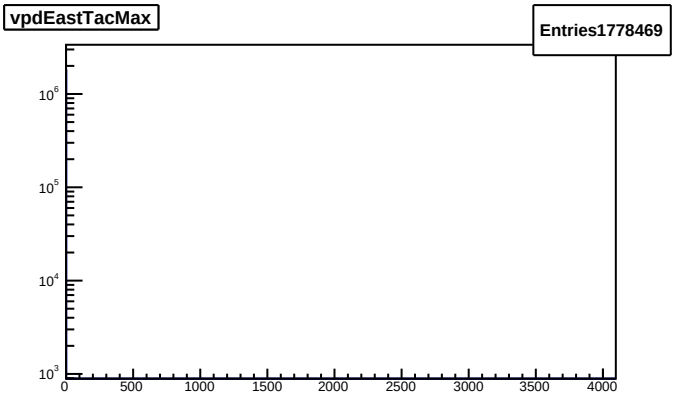

epdWestTac47VsSimu
Entries 0
Data
Simu

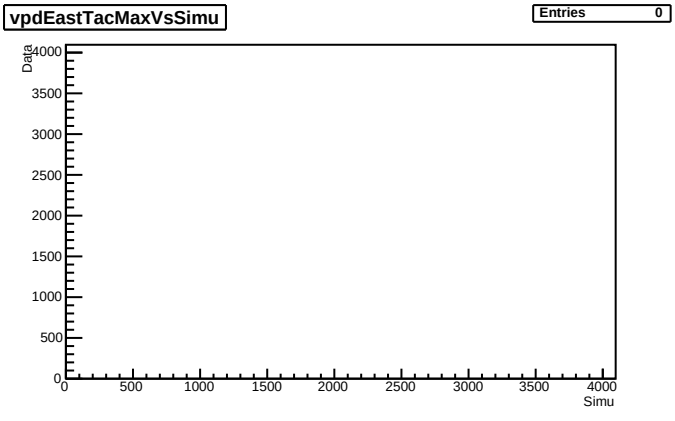

epdWestNHits
Entries1778469

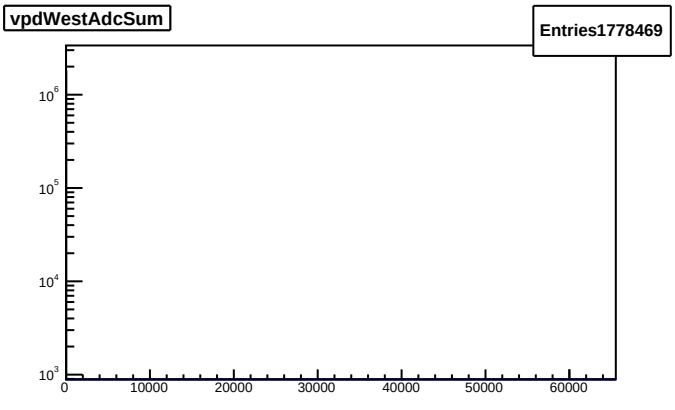

epdWestNHitsVsSimu
Entries 0
Data
Simu

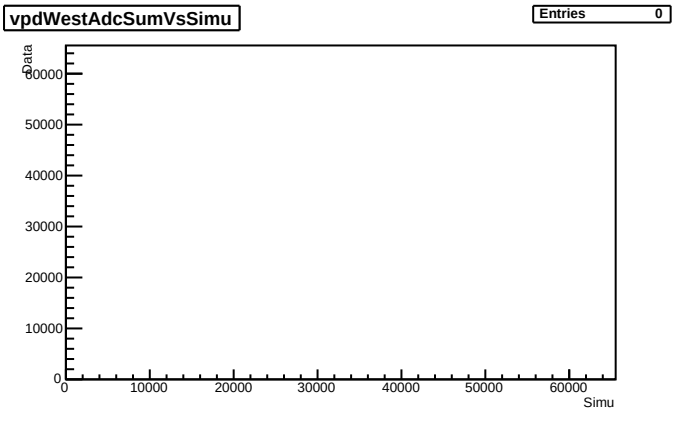

vpdEastAdcSum
Entries1778469

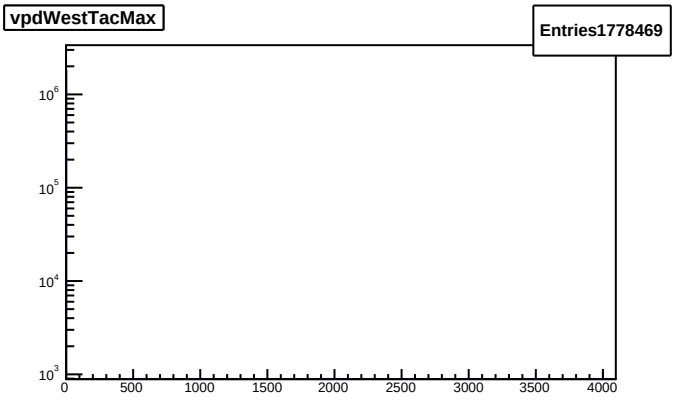

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

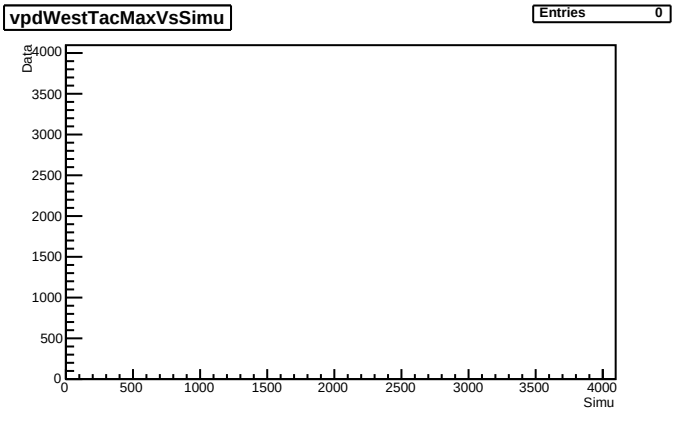

vpdEastTacMax
Entries1778469

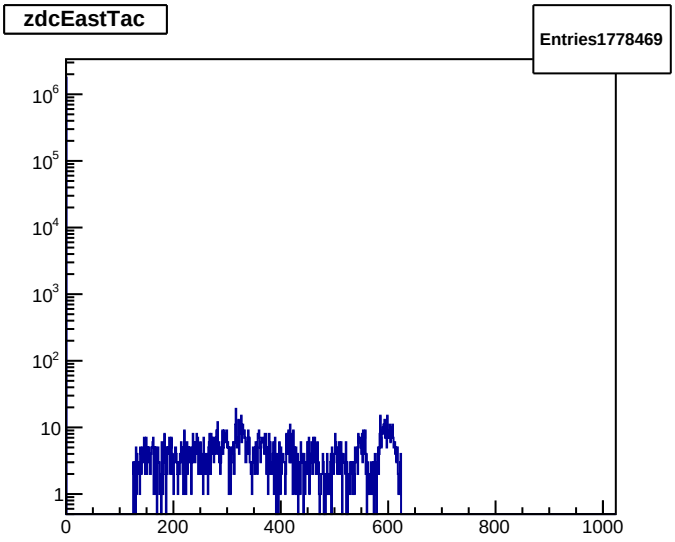

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

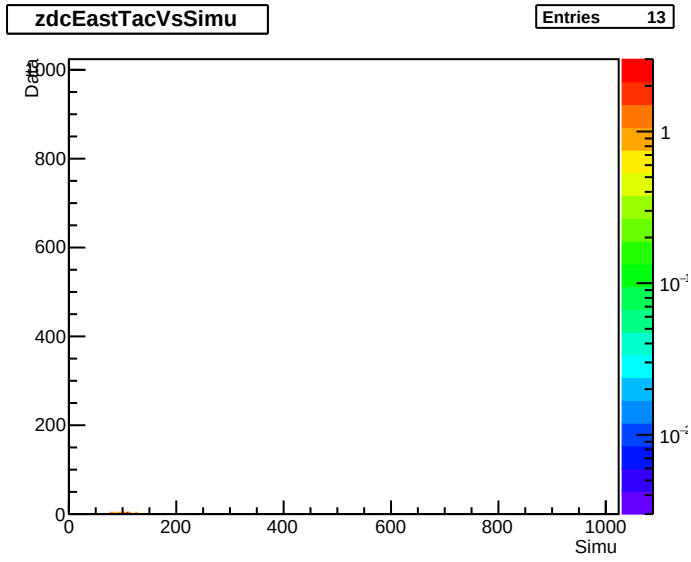

vpdWestAdcSum
Entries1778469

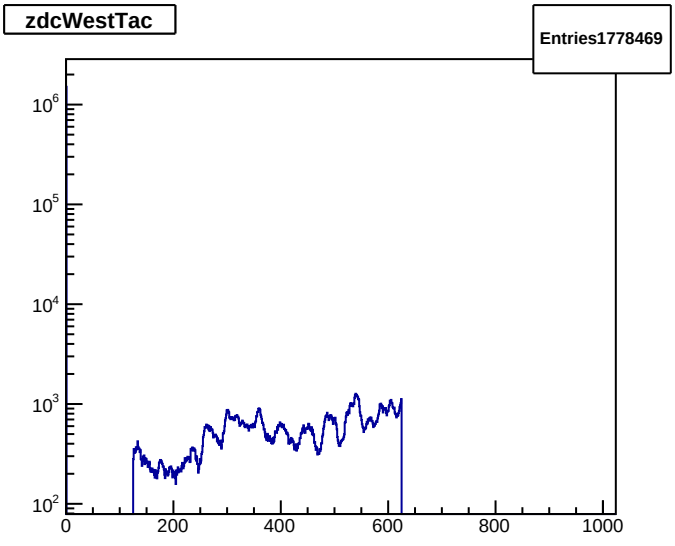

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

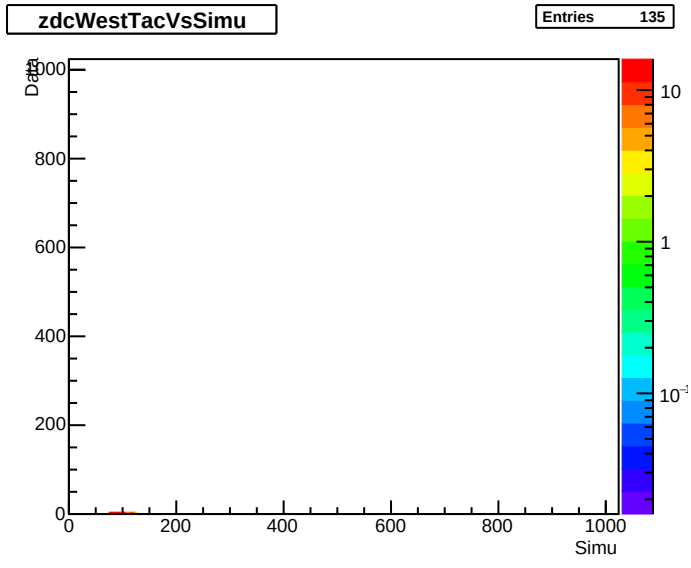

vpdWestTacMax
Entries1778469

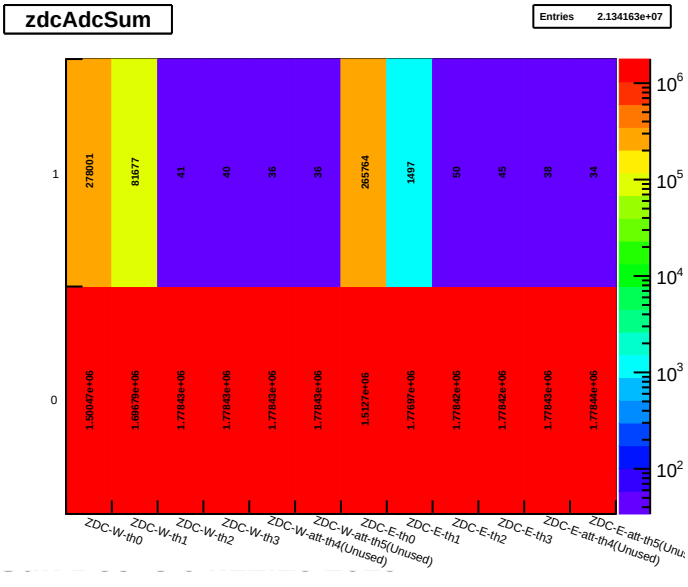

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

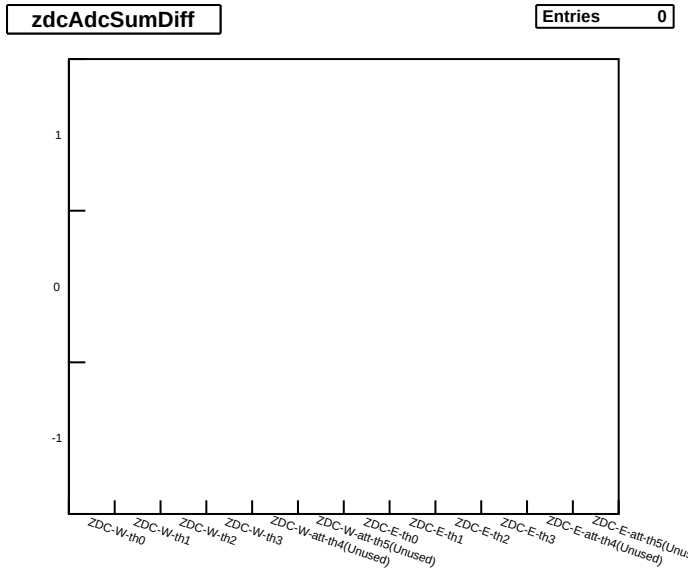

zdcEastTac
Entries1778469

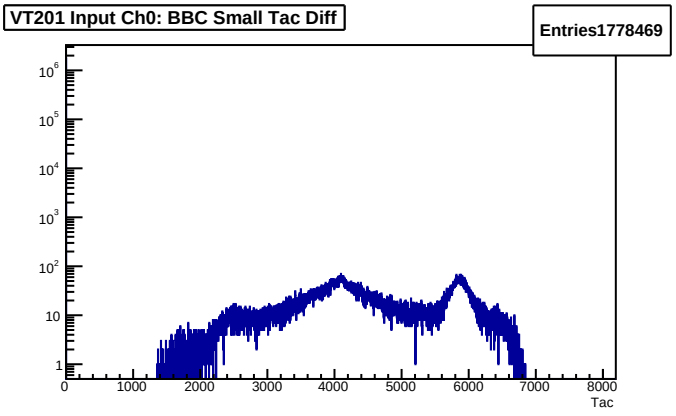

zdcEastTacVsSimu
Entries 13
Data
Simu

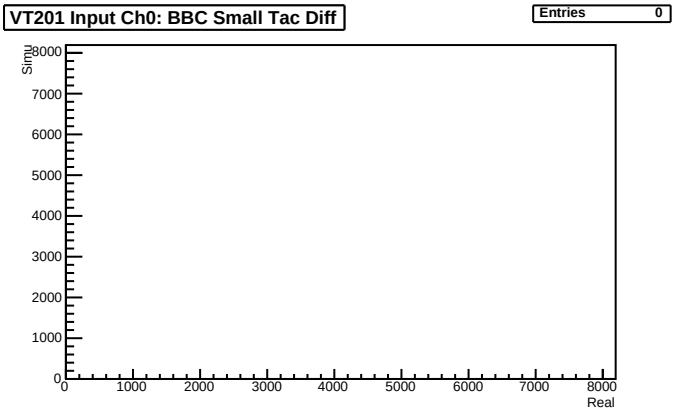

zdcWestTac
Entries1778469

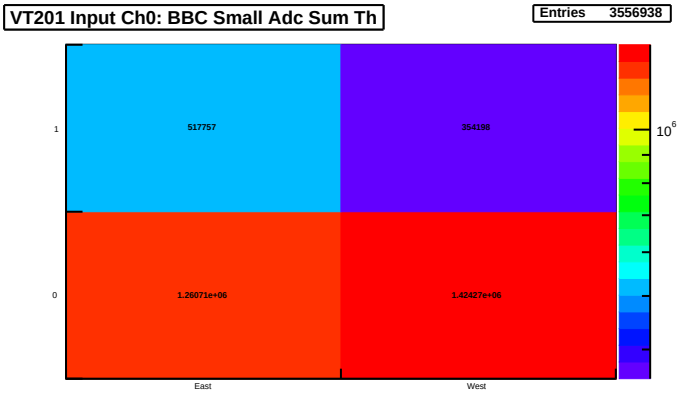

zdcWestTacVsSimu
Entries 135
Data
Simu

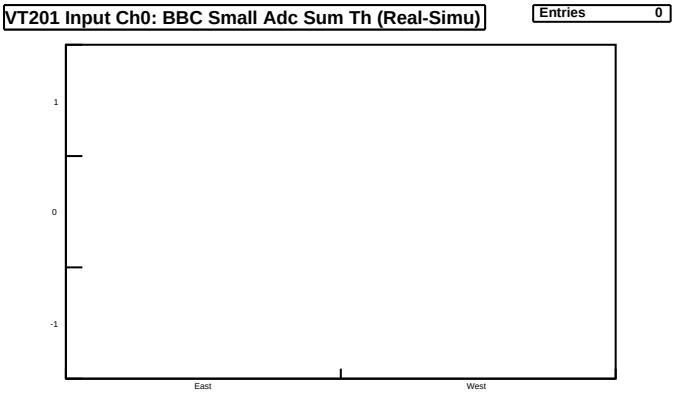

zdcAdcSum
Entries 2.134163e+07
278001
81677
41
40
36
36
265764
1497
50
45
38
34
1.5047e+06
1.69679e+06
1.7843e+06
1.7843e+06
1.7843e+06
1.7843e+06
1.5127e+06
1.7697e+06
1.7842e+06
1.7842e+06
1.7843e+06
1.7844e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

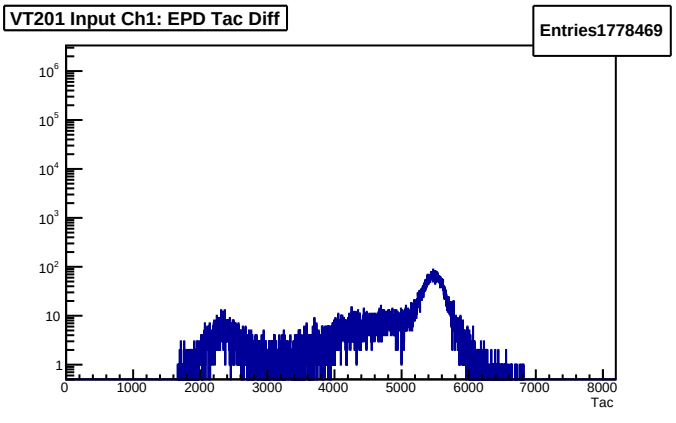

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

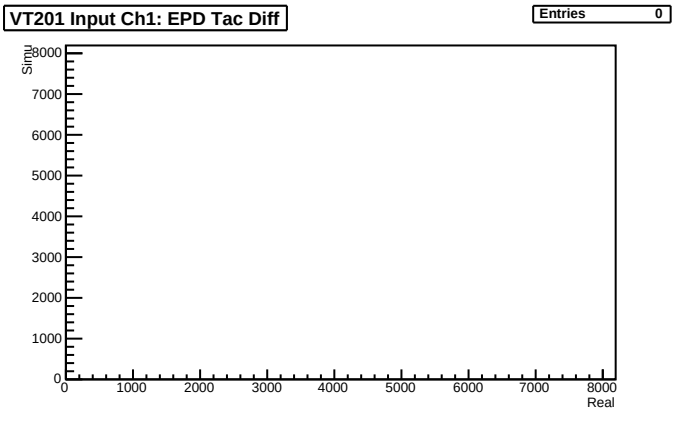

VT201 Input Ch0: BBC Small Tac Diff
Entries1778469
Tac

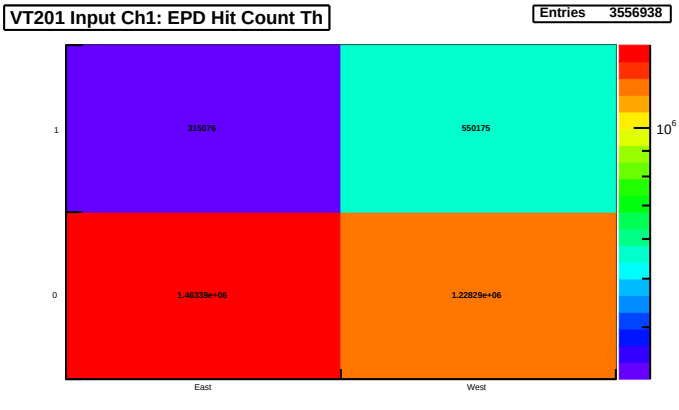

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

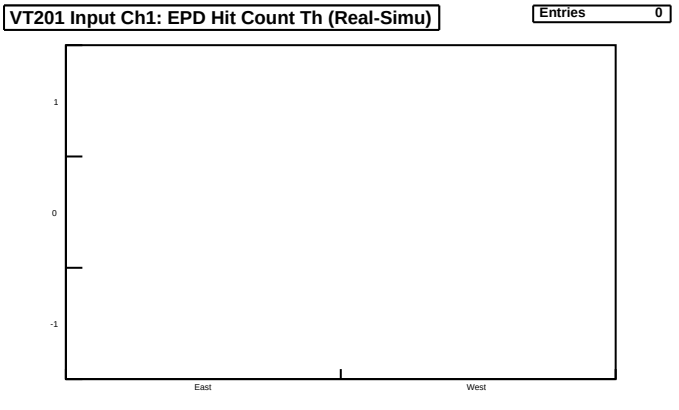

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3556938
517757
354198
1.26071e+06
1.42427e+06
East
West

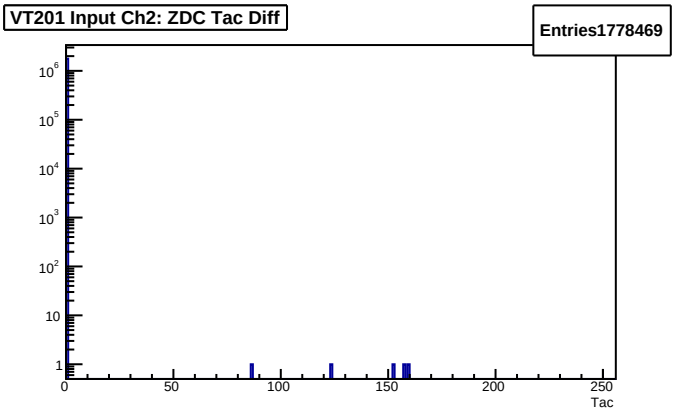

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

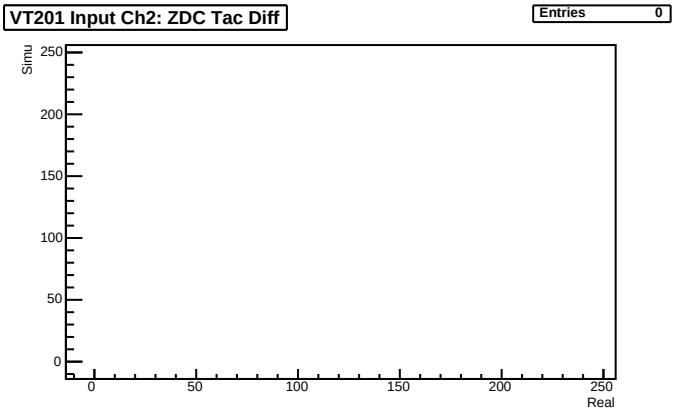

VT201 Input Ch1: EPD Tac Diff
Entries1778469
Tac

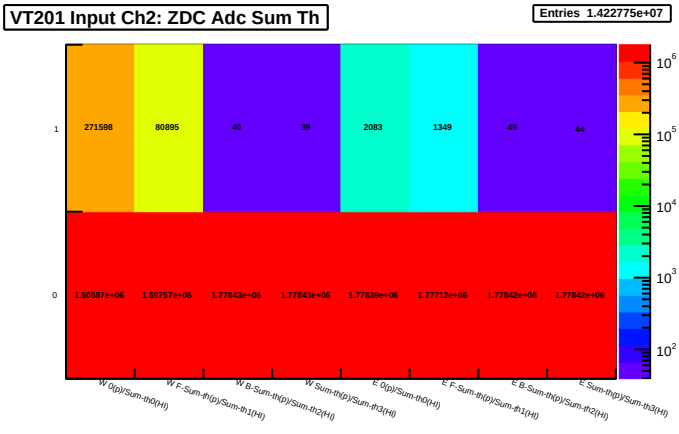

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

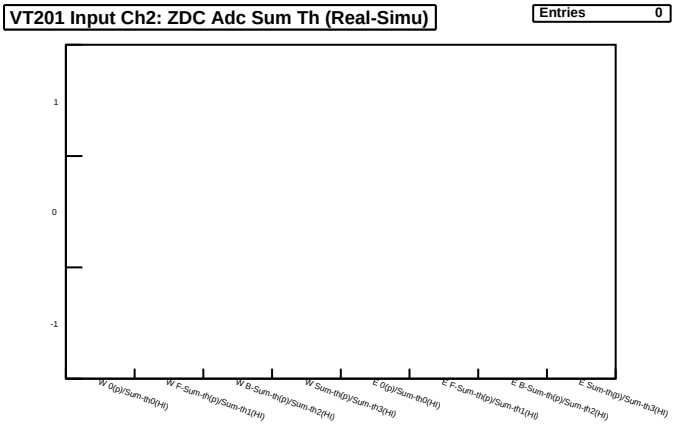

VT201 Input Ch1: EPD Hit Count Th
Entries 3556938
315076
550175
1.46339e+06
1.22829e+06
East
West

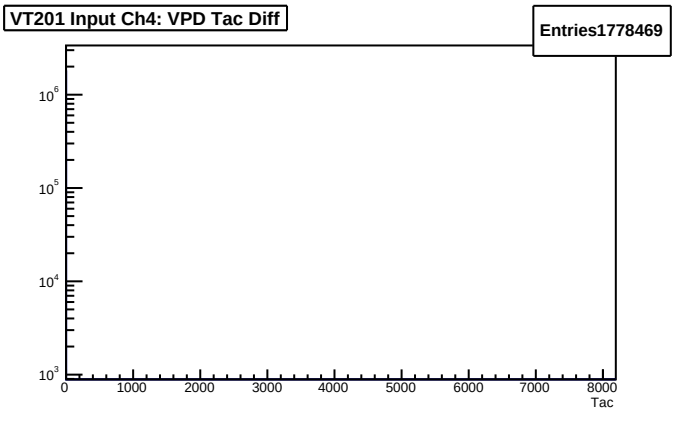

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

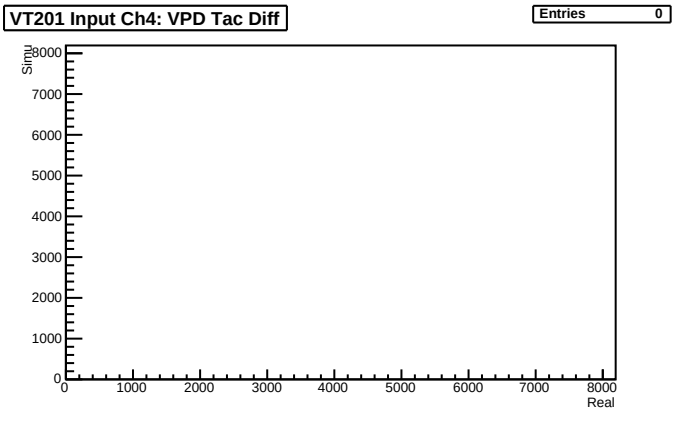

VT201 Input Ch2: ZDC Tac Diff
Entries1778469
Tac

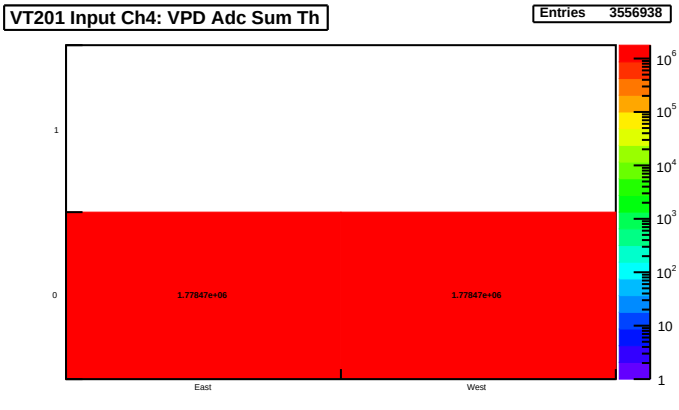

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

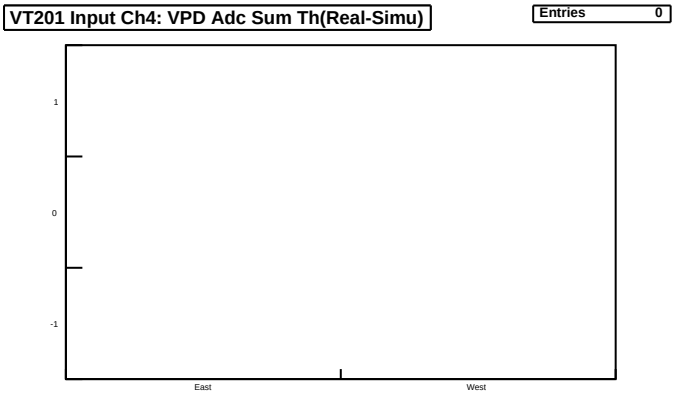

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1.422775e+07
271598
80895
40
39
2083
1349
49
44
1.50687e+06
1.69757e+06
1.77843e+06
1.77843e+06
1.77639e+06
1.77712e+06
1.77842e+06
1.77842e+06
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

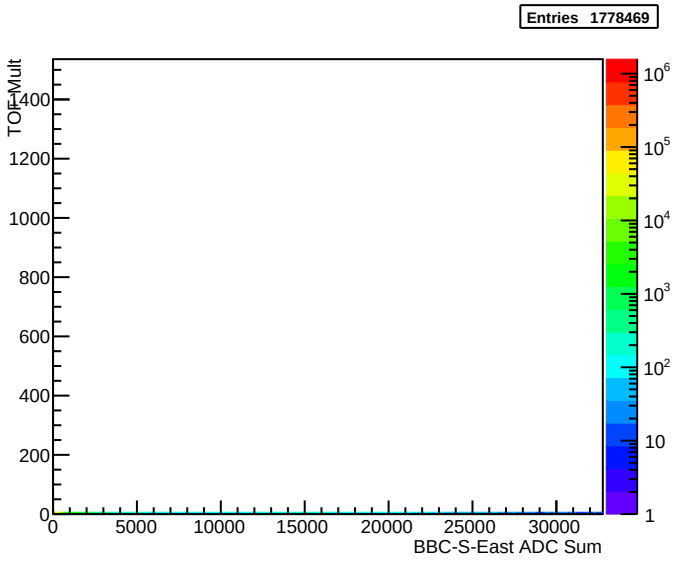

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

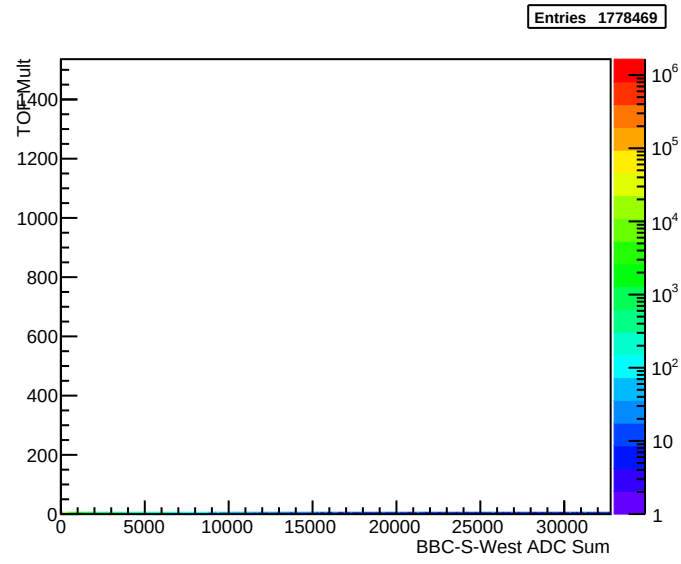

VT201 Input Ch4: VPD Tac Diff
Entries1778469
Tac

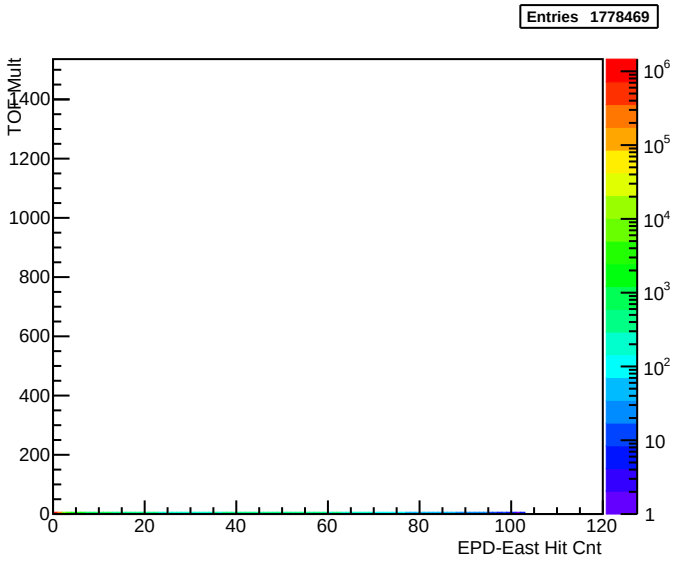

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

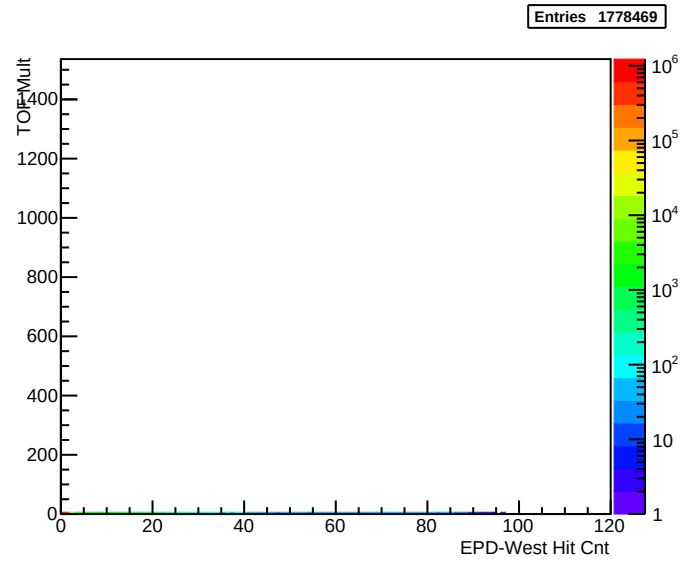

VT201 Input Ch4: VPD Adc Sum Th
Entries 3556938
1.77847e+06
1.77847e+06
East
West

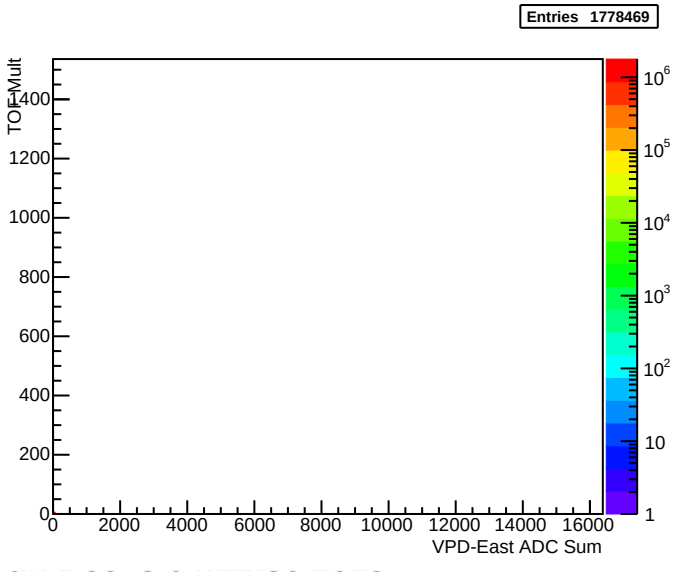

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

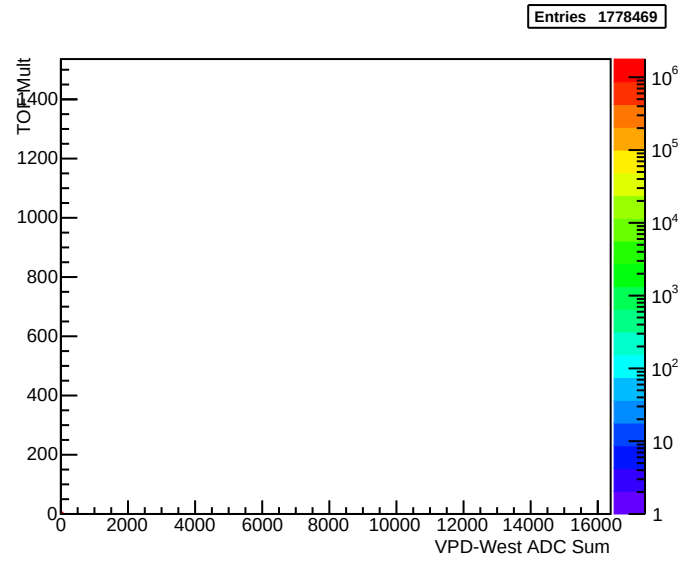

Entries 1778469
TOF-Mult
BBC-S-East ADC Sum

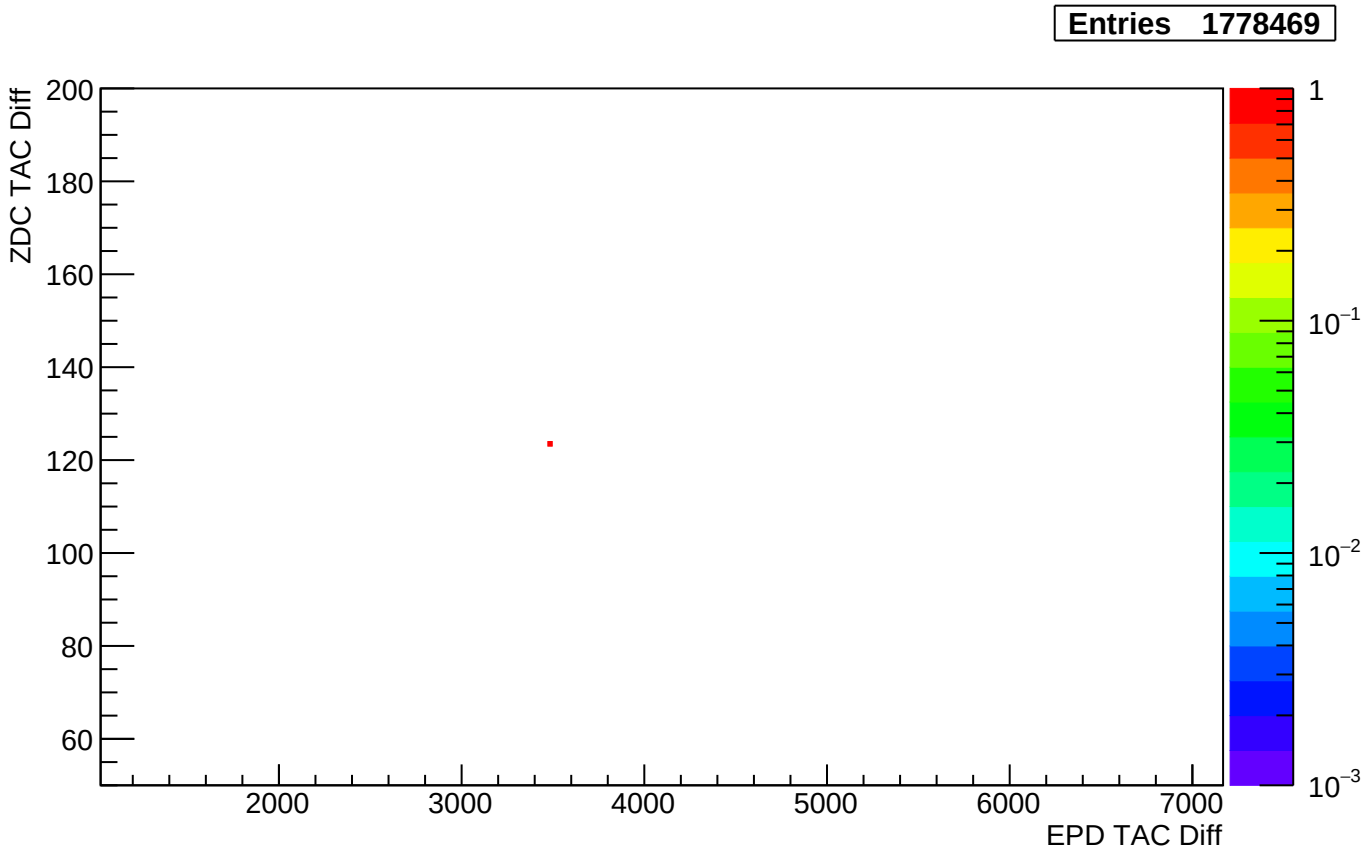

Entries 1778469
TOF-Mult
BBC-S-West ADC Sum

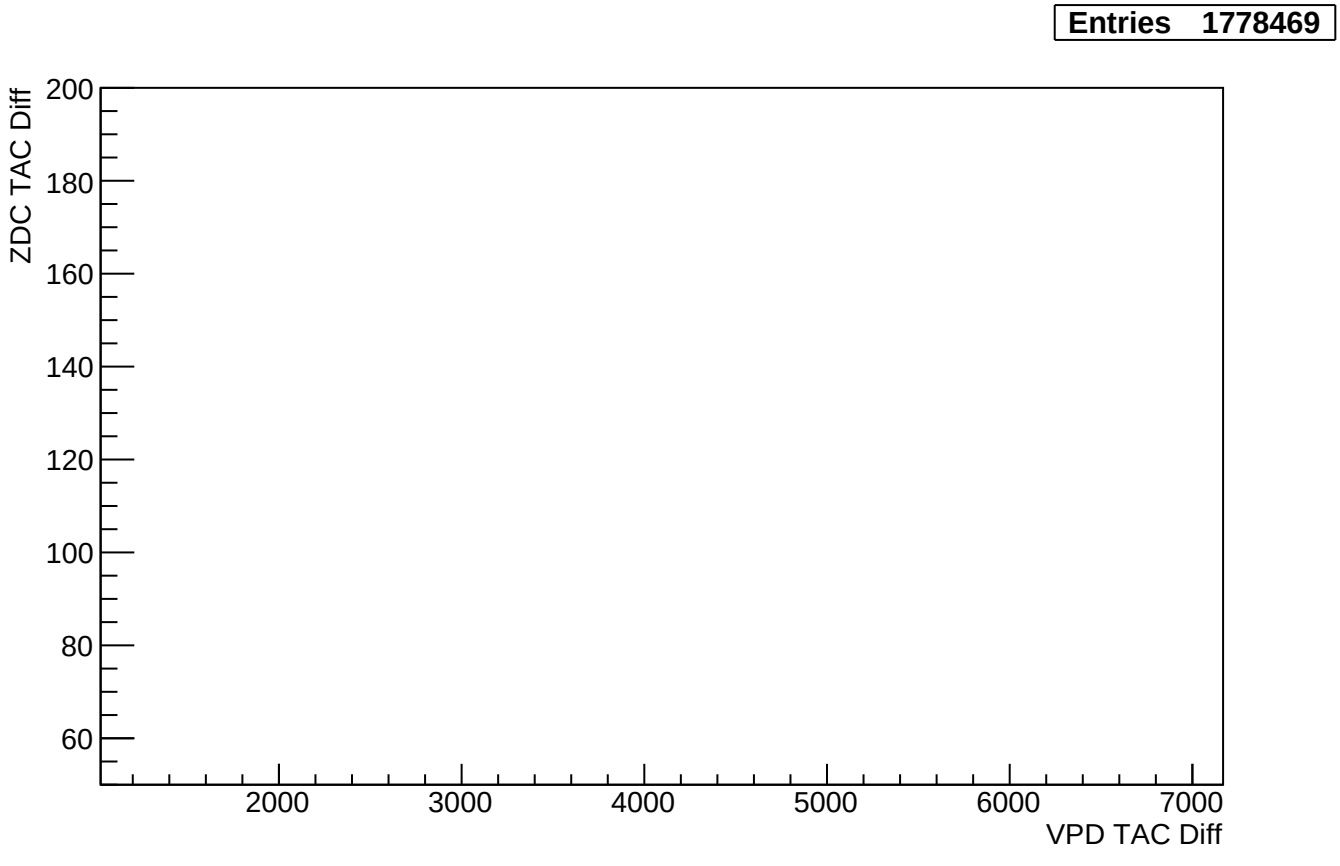

Entries 1778469
TOF-Mult
EPD-East Hit Cnt

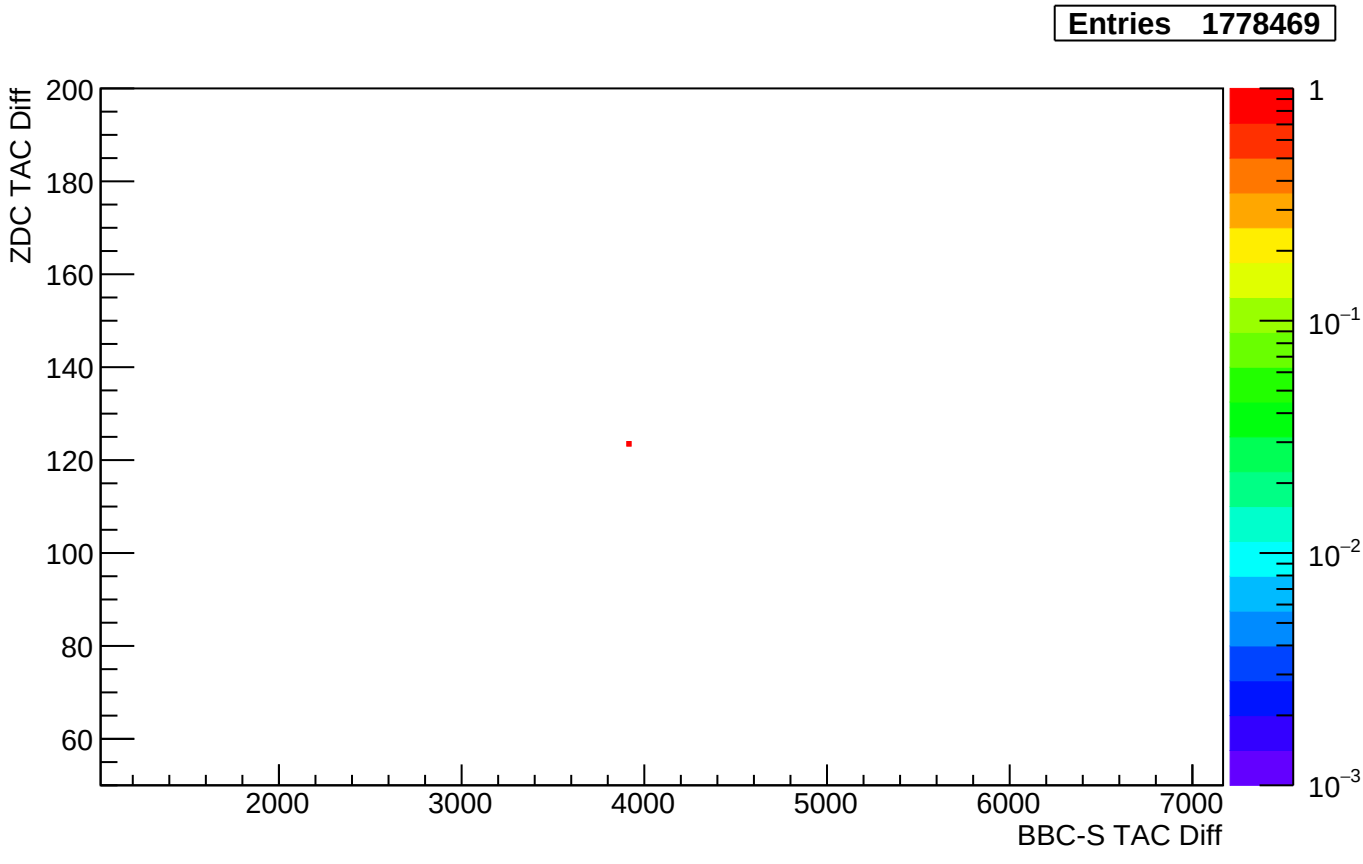

Entries 1778469
TOF-Mult
EPD-West Hit Cnt

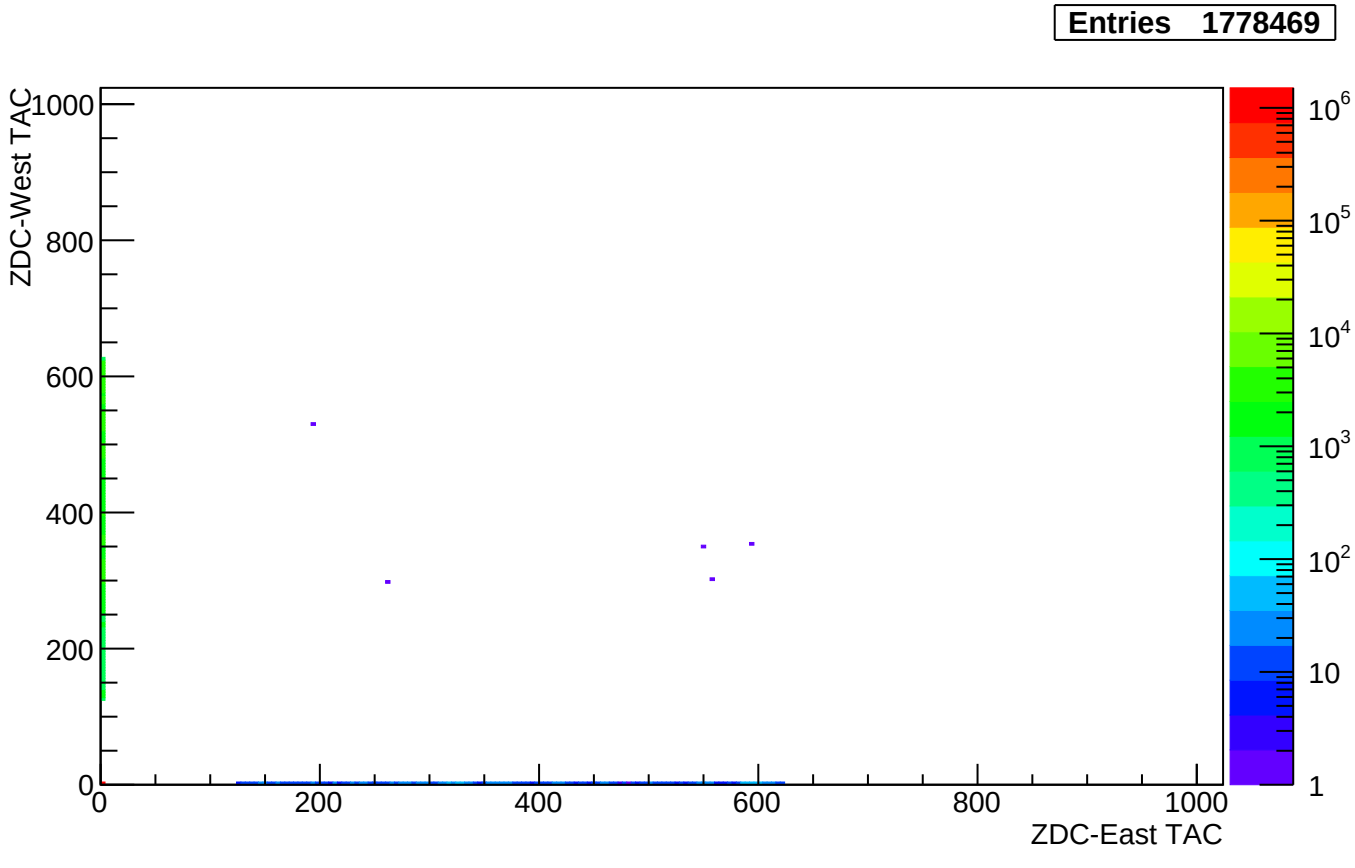

Entries 1778469
TOF-Mult
VPD-East ADC Sum

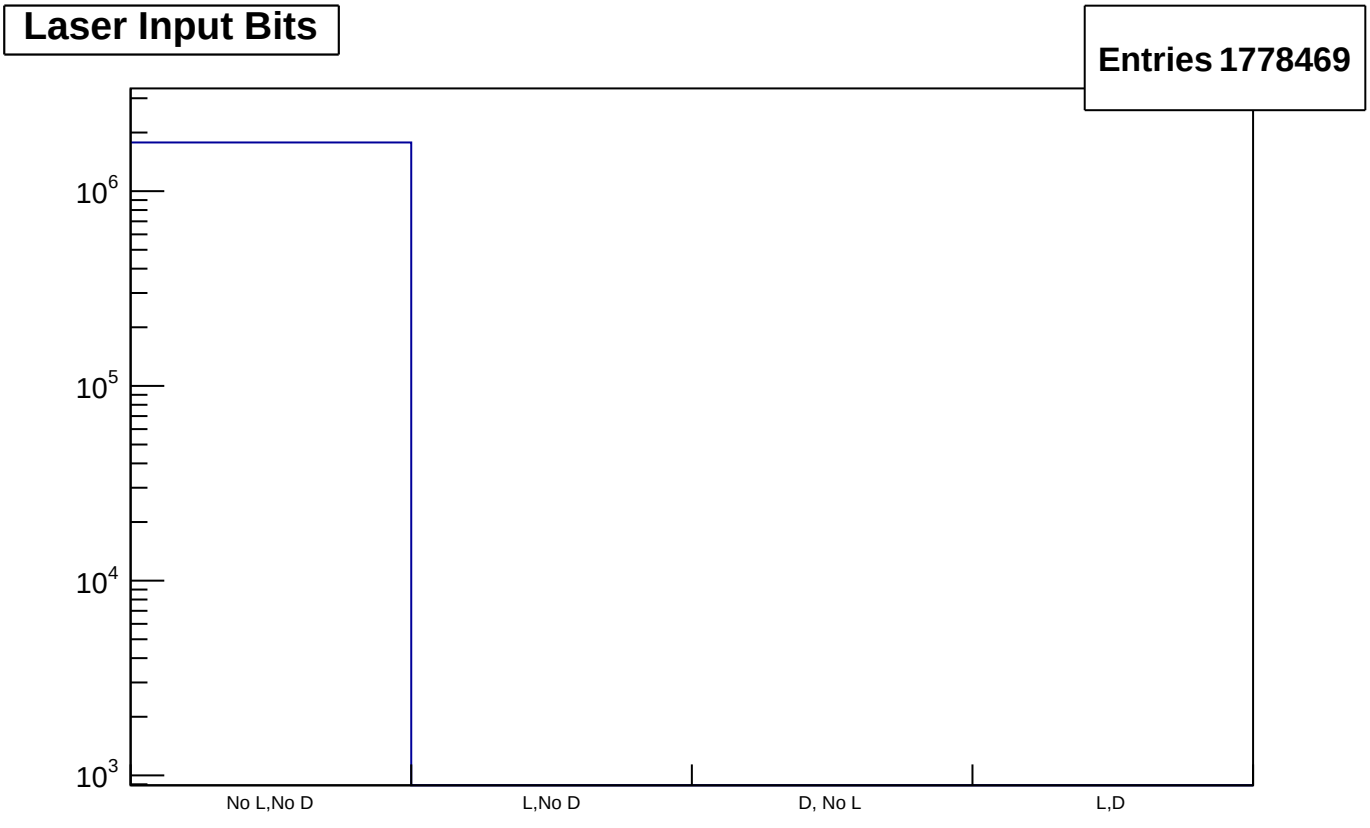

Entries 1778469
TOF-Mult
VPD-West ADC Sum

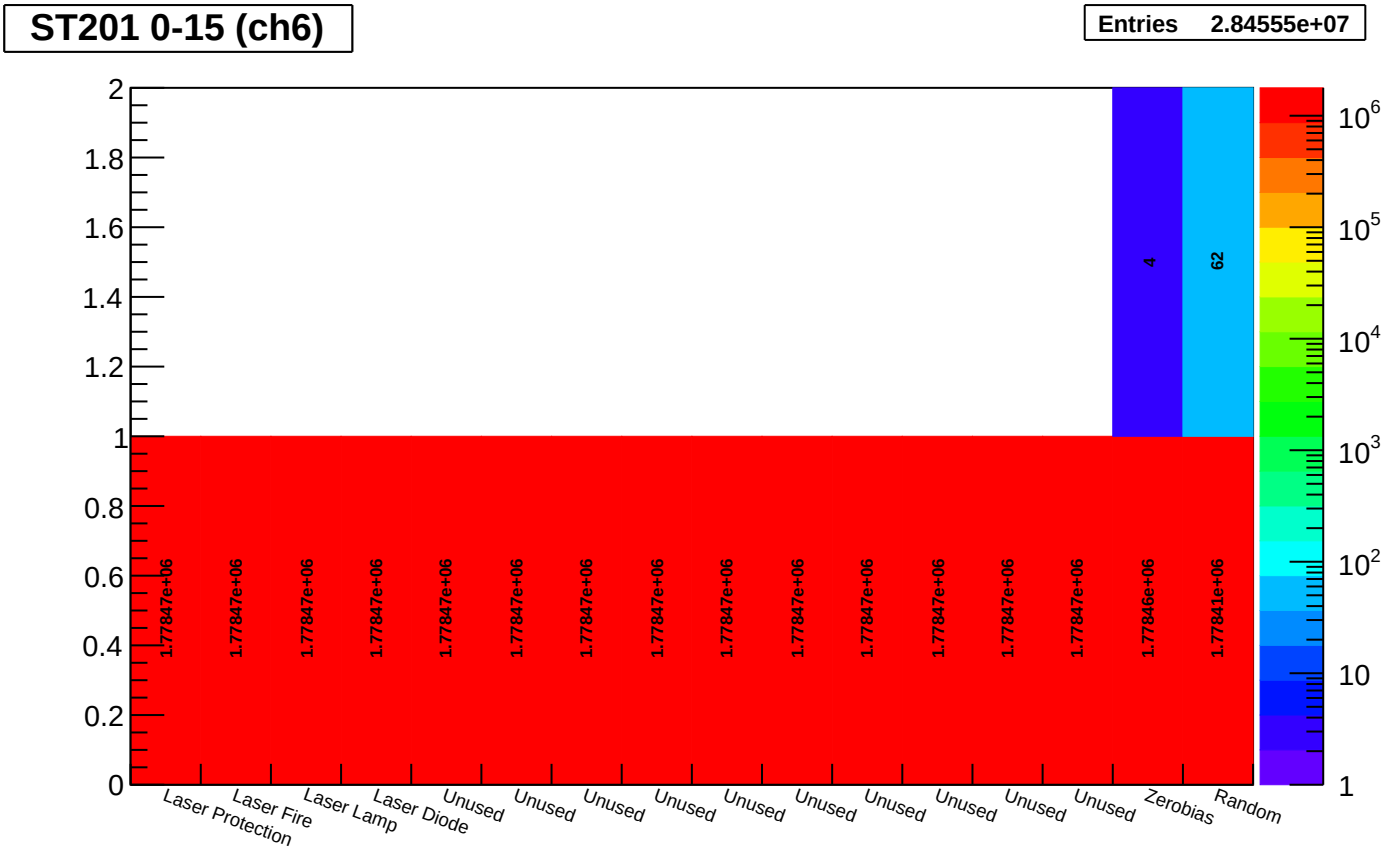

Entries 1778469
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

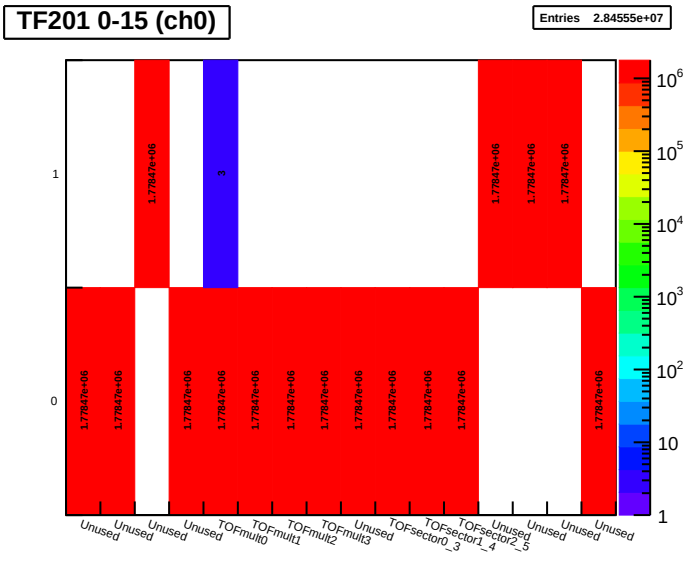

Entries 1778469
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

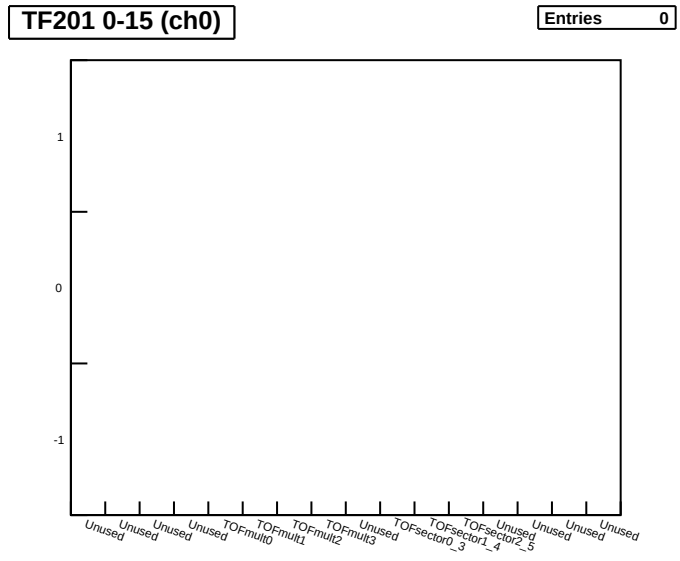

Entries 1778469
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

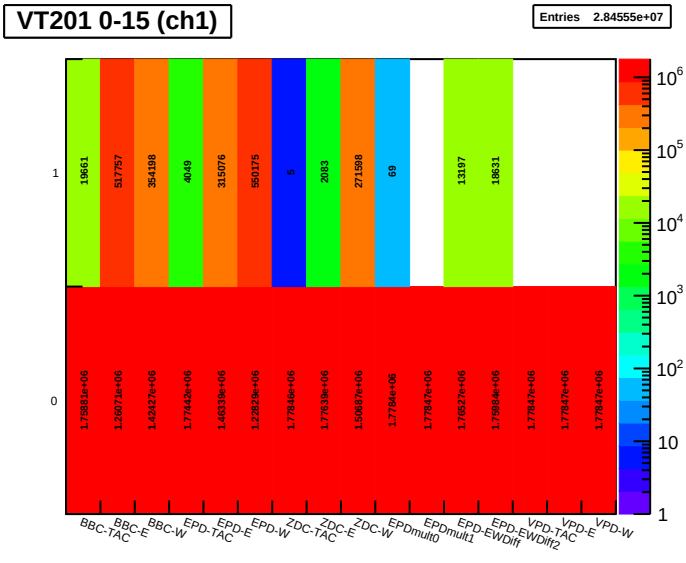

Entries 1778469
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^{6}
10^{5}
10^{4}
10^{3}
10^{2}
10
1

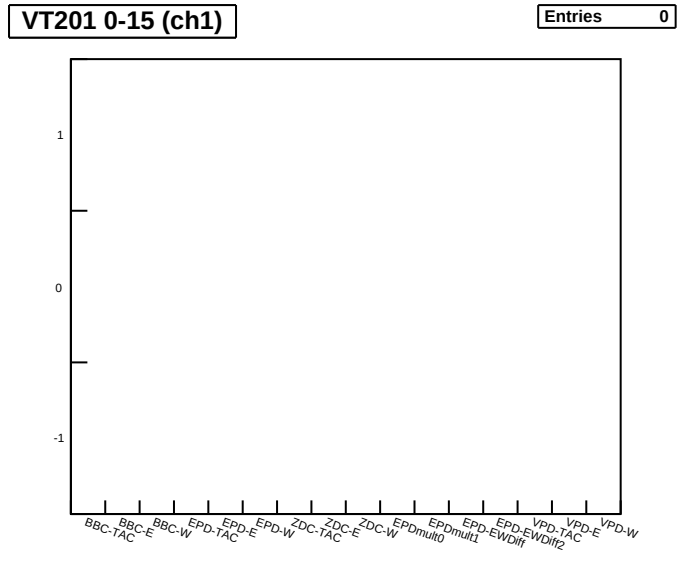

Laser Input Bits
Entries 1778469
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

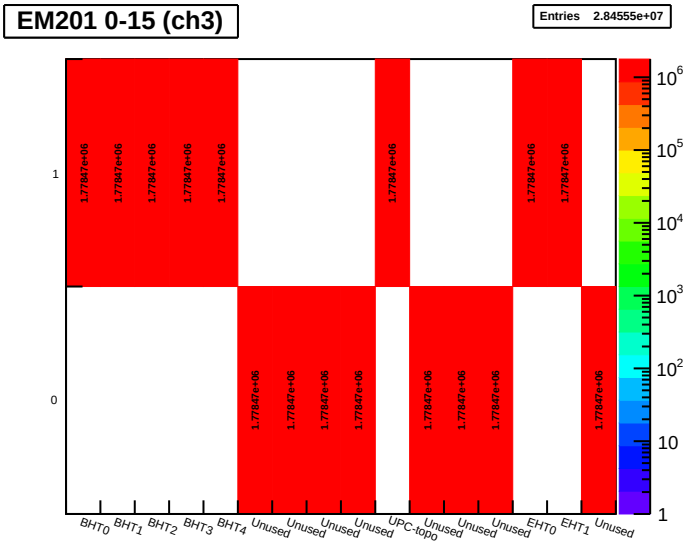

ST201 0-15 (ch6)
Entries 2.84555e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1.77847e+06
1.77846e+06
1.77841e+06
4
62
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^6
10^5
10^4
10^3
10^2
10
1

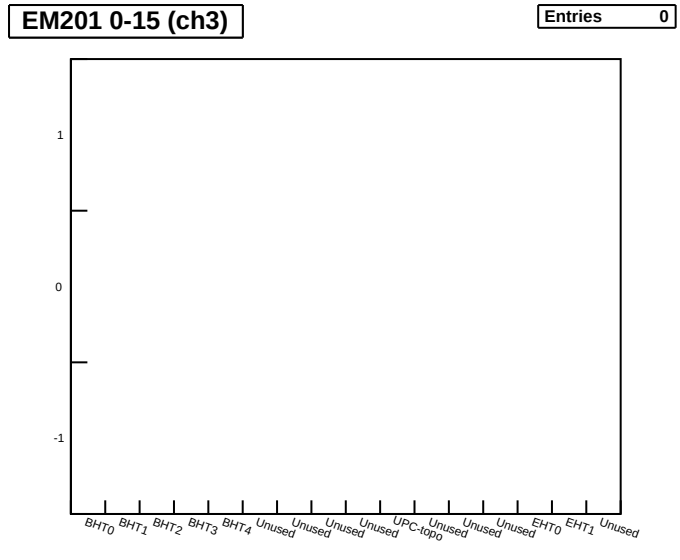

TF201 0-15 (ch0)
Entries 2.84555e+07
1.77847e+06
3
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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


VT201 0-15 (ch1)
Entries 2.84555e+07
15661
517757
354198
4049
315076
550175
5
2083
271598
69
13197
18631
1.75831e+06
1.26071e+06
1.42427e+06
1.77442e+06
1.46330e+06
1.22829e+06
1.77846e+06
1.77639e+06
1.50687e+06
1.7784e+06
1.77847e+06
1.76527e+06
1.75984e+06
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


VT201 0-15 (ch1)
Entries 0
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 2.84555e+07
1.77847e+06
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


EM201 0-15 (ch3)
Entries 0
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1