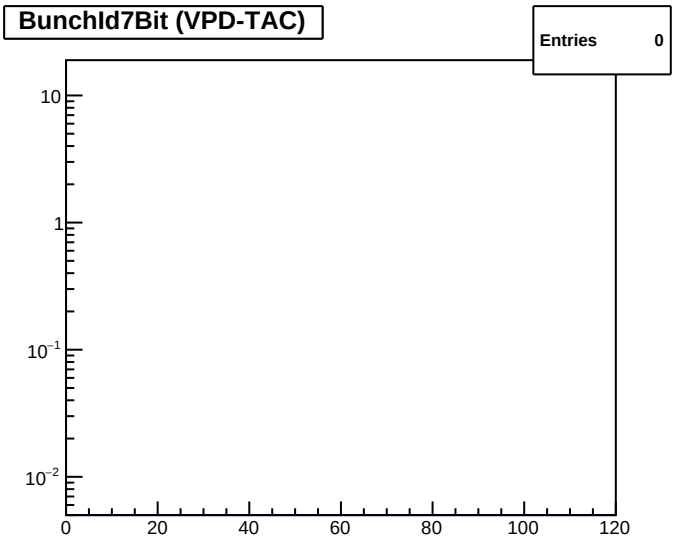
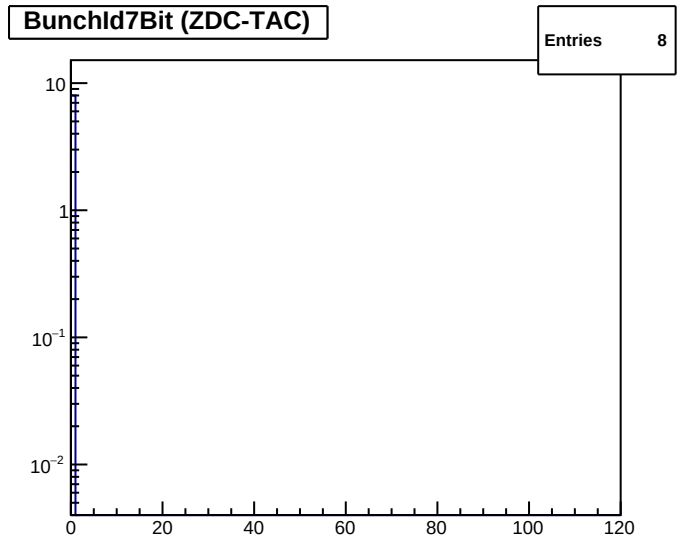
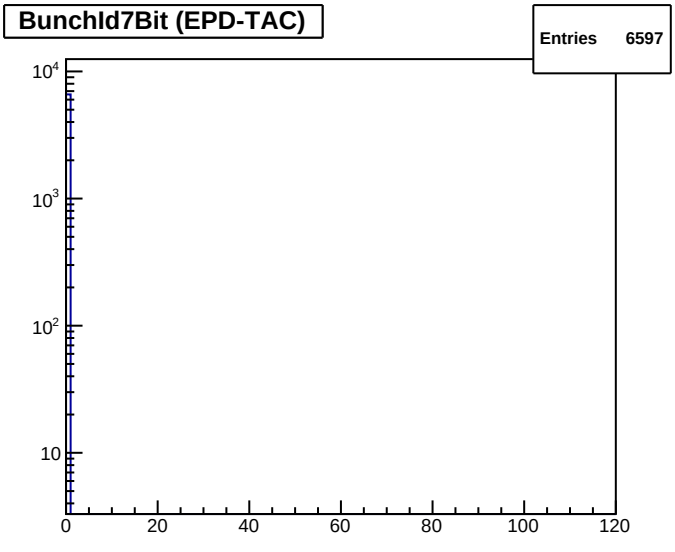
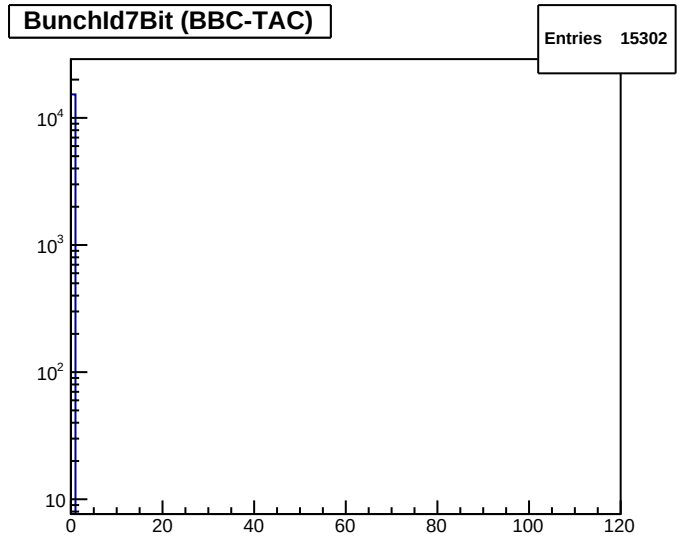
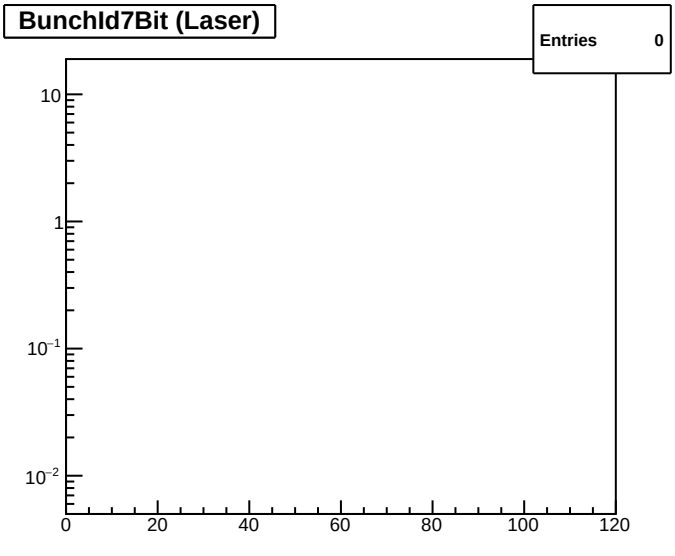
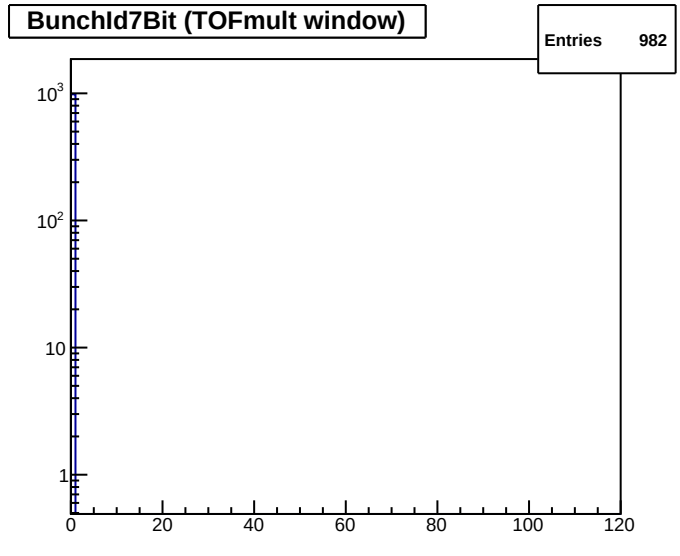

BunchId7Bit (VPD-TAC)
Entries 0

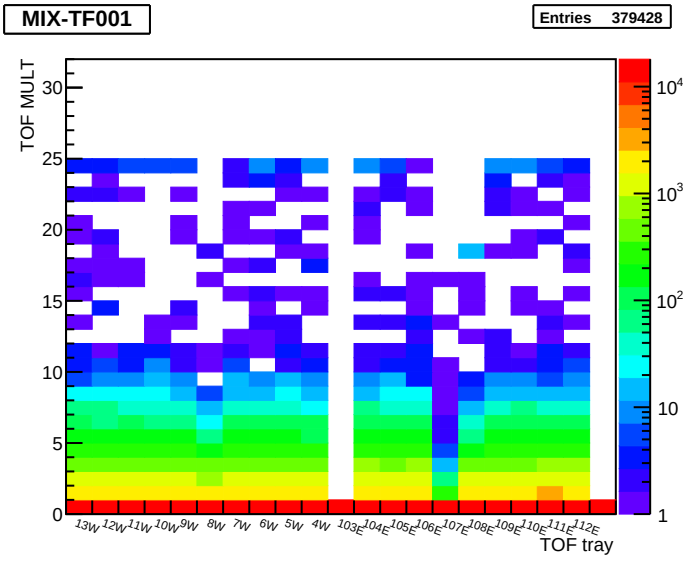

BunchId7Bit (ZDC-TAC)
Entries 8

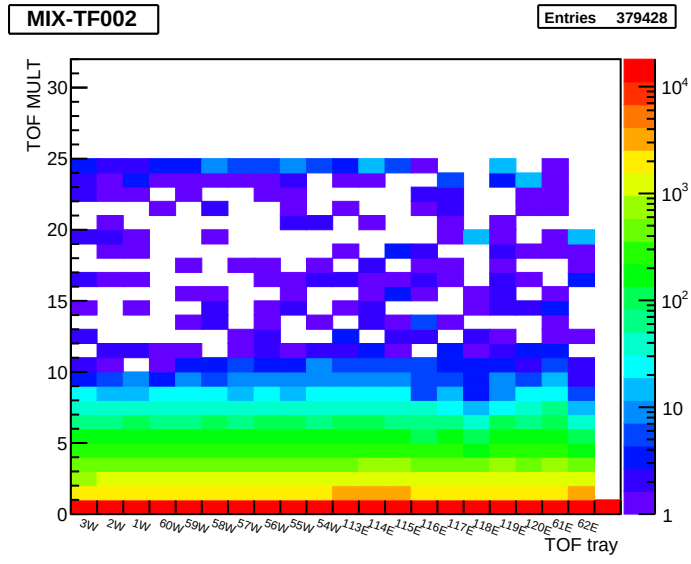

BunchId7Bit (EPD-TAC)
Entries 6597

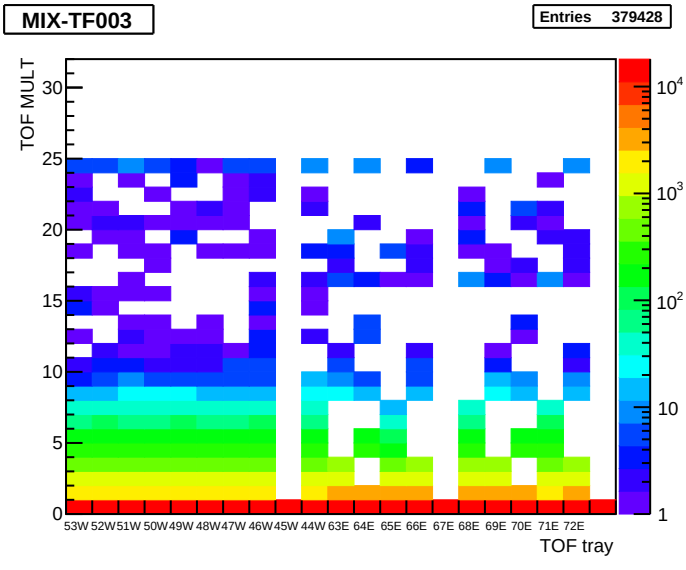

BunchId7Bit (BBC-TAC)
Entries 15302

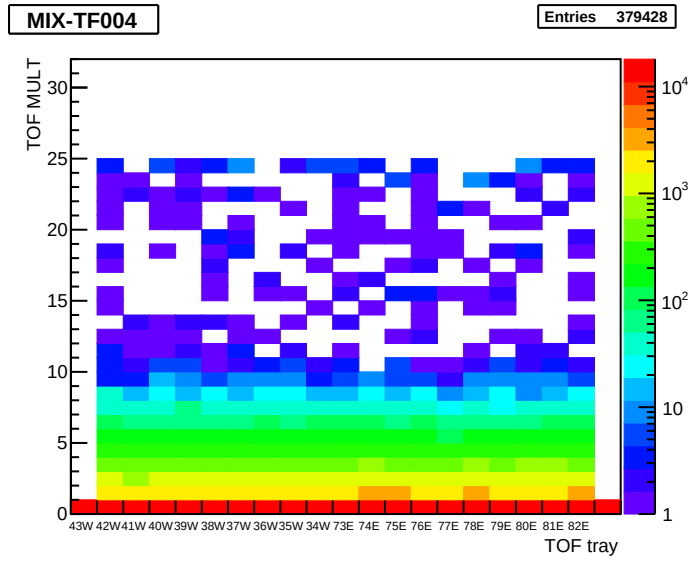

BunchId7Bit (Laser)
Entries 0

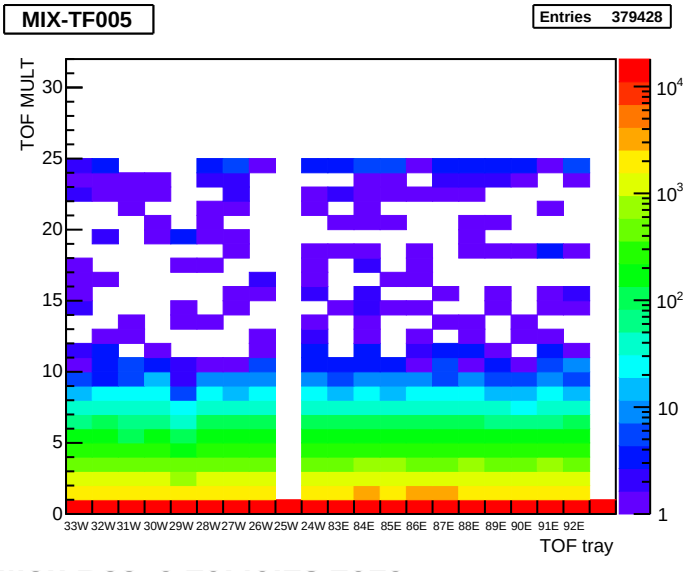

BunchId7Bit (TOFmult window)
Entries 982

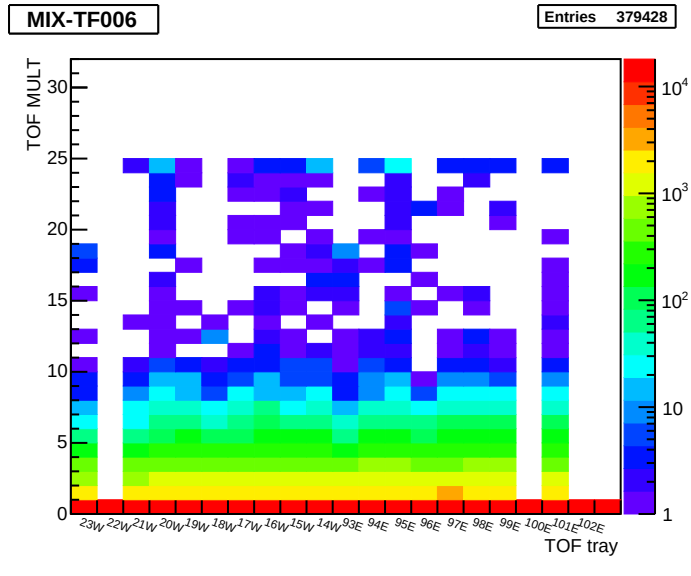

MIX-TF001
Entries 379428
TOF MULT
TOF tray

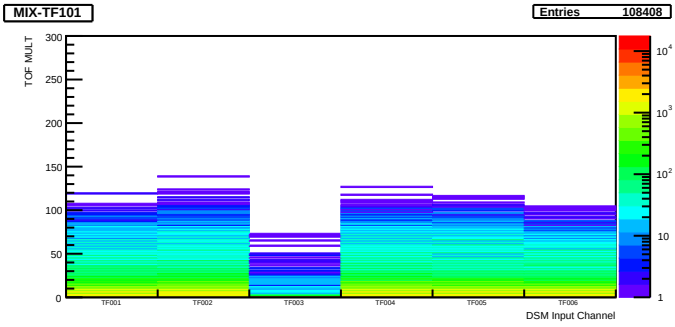

MIX-TF002
Entries 379428
TOF MULT
TOF tray

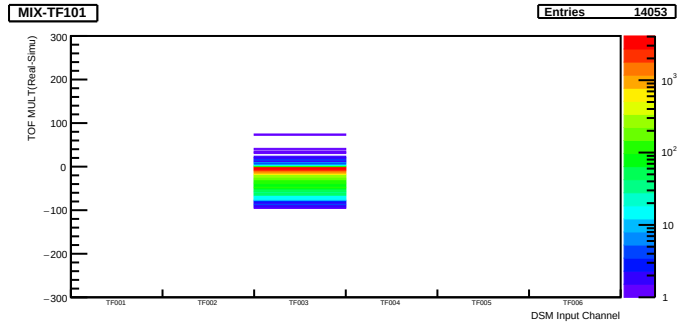

MIX-TF003
Entries 379428
TOF MULT
TOF tray

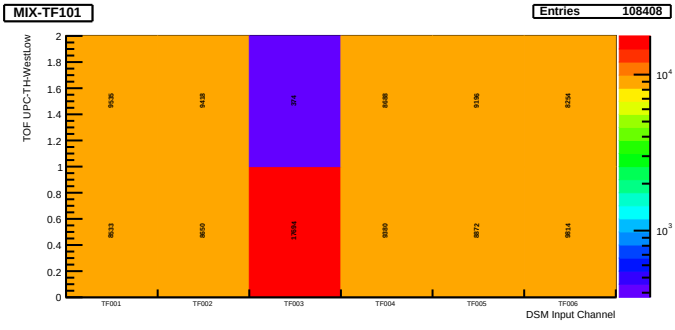

MIX-TF004
Entries 379428
TOF MULT
TOF tray

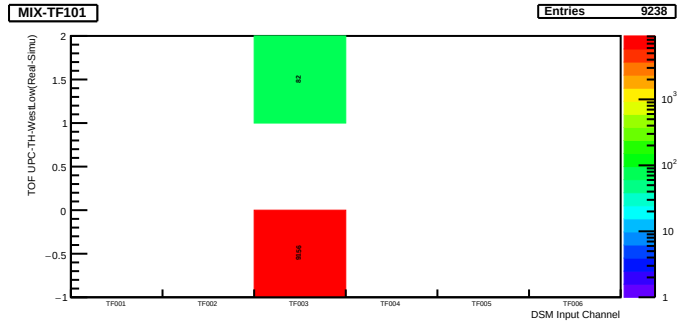

MIX-TF005
Entries 379428
TOF MULT
TOF tray

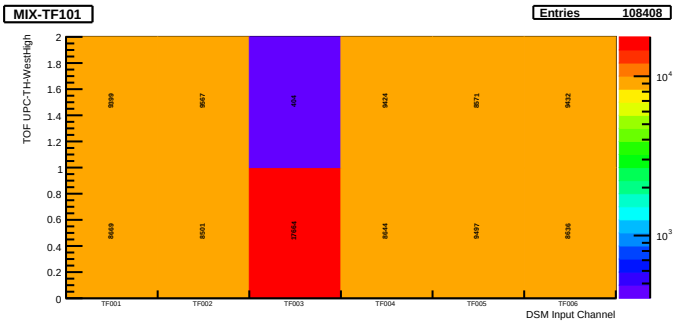

MIX-TF006
Entries 379428
TOF MULT
TOF tray

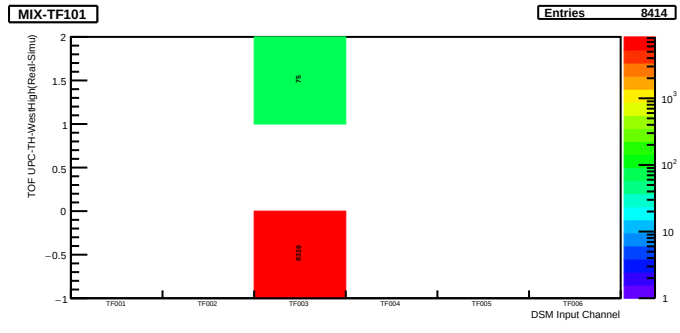

MIX-TF101
Entries 108408
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

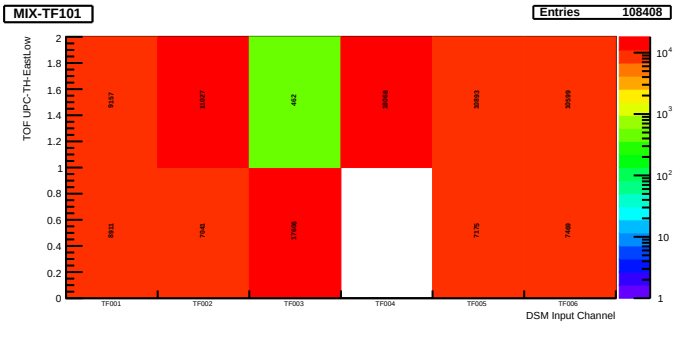

MIX-TF101
Entries 14053
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

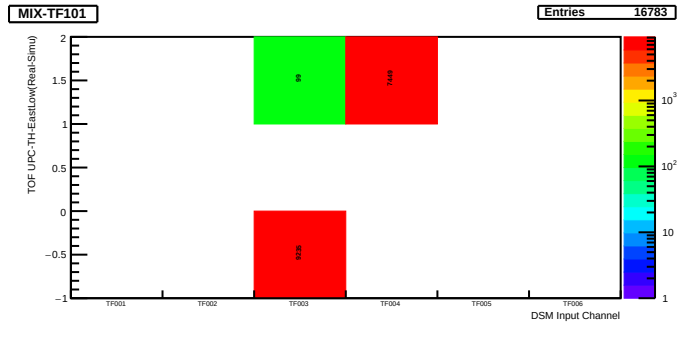

MIX-TF101
Entries 108408
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

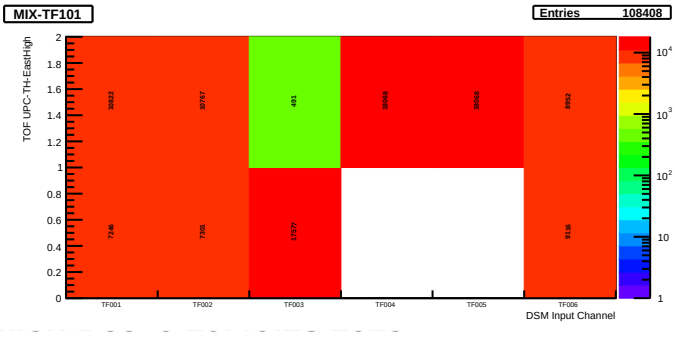

MIX-TF101
Entries 9238
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

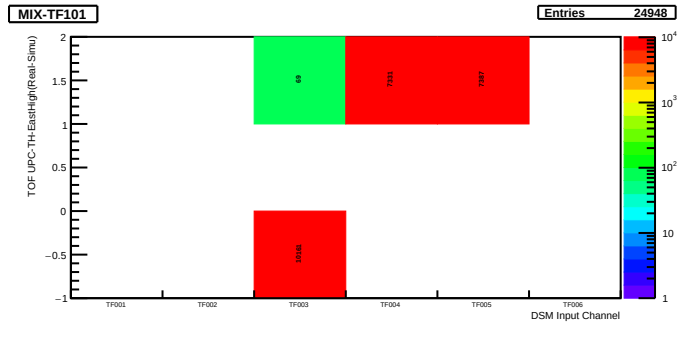

MIX-TF101
Entries 108408
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

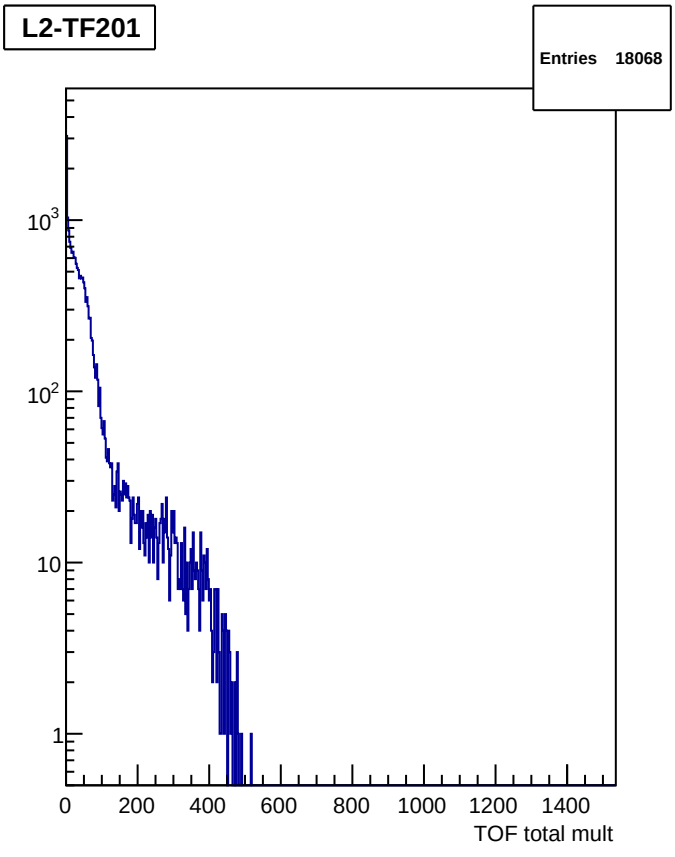

MIX-TF101
Entries 8414
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

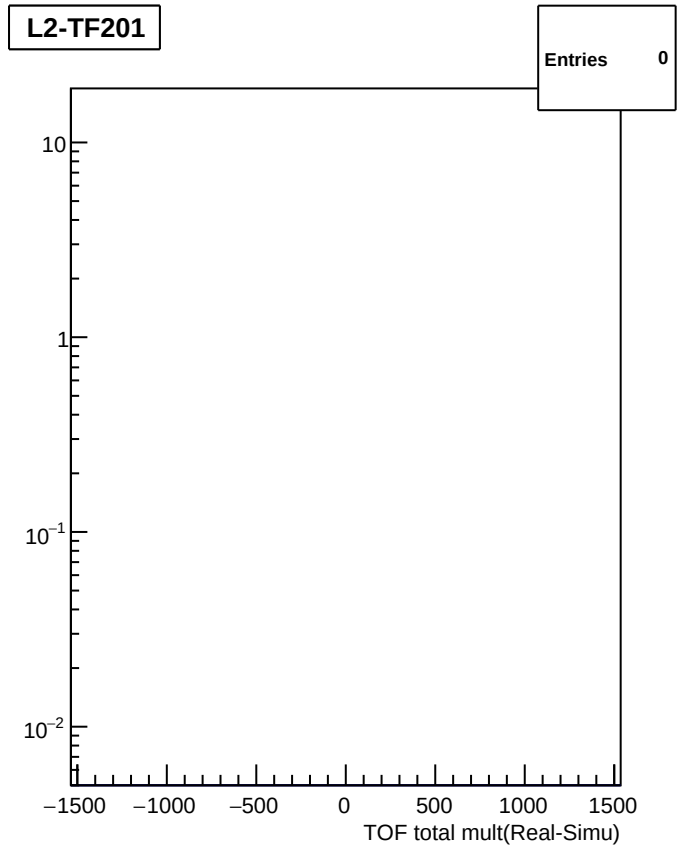

MIX-TF101
Entries 108408
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

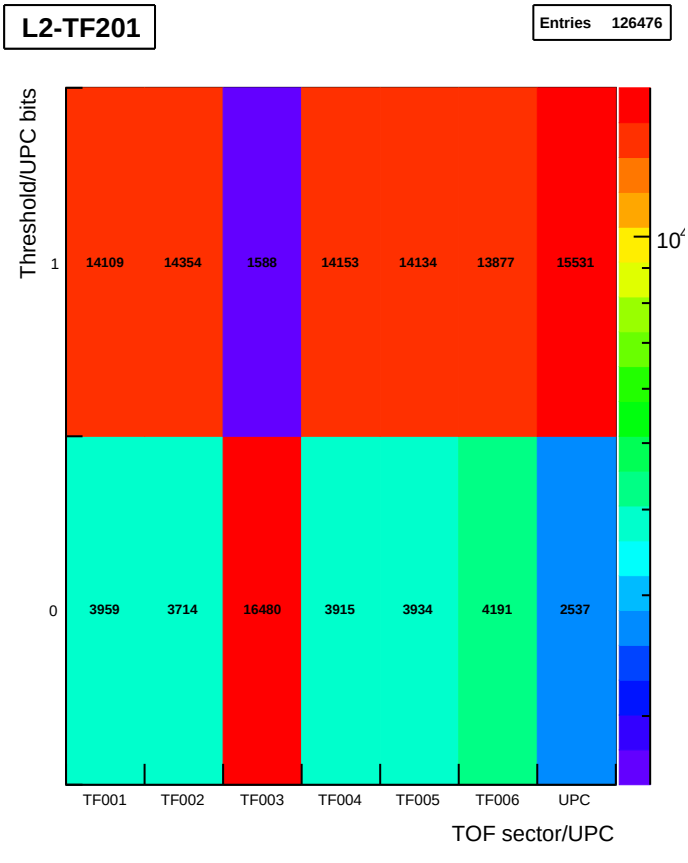

MIX-TF101
Entries 16783
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

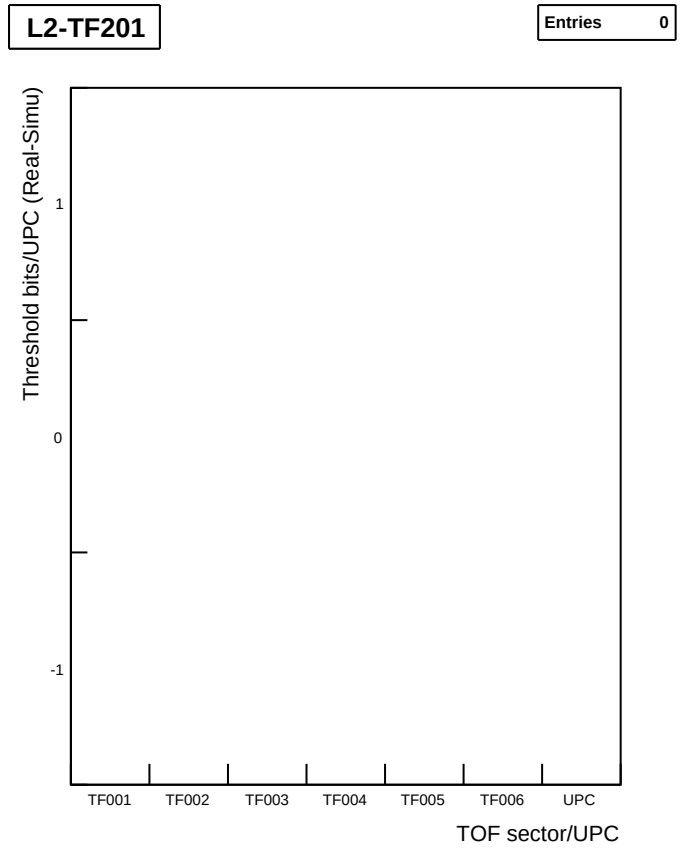

MIX-TF101
Entries 108408
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

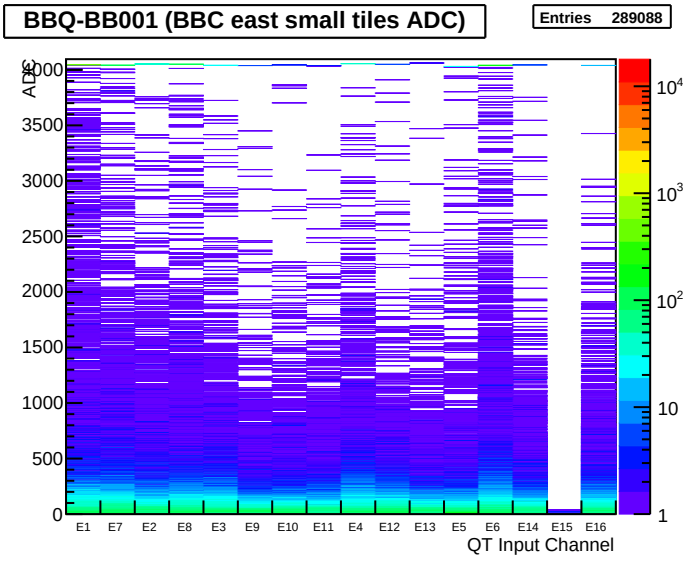

MIX-TF101
Entries 24948
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

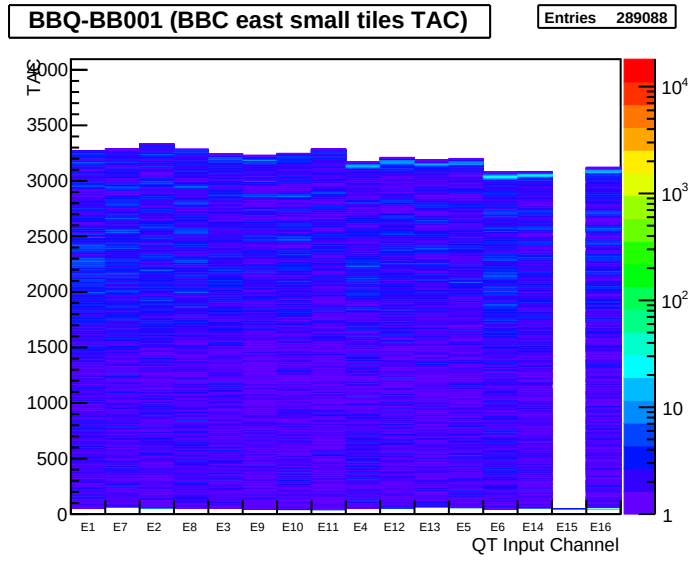

L2-TF201
Entries 18068
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

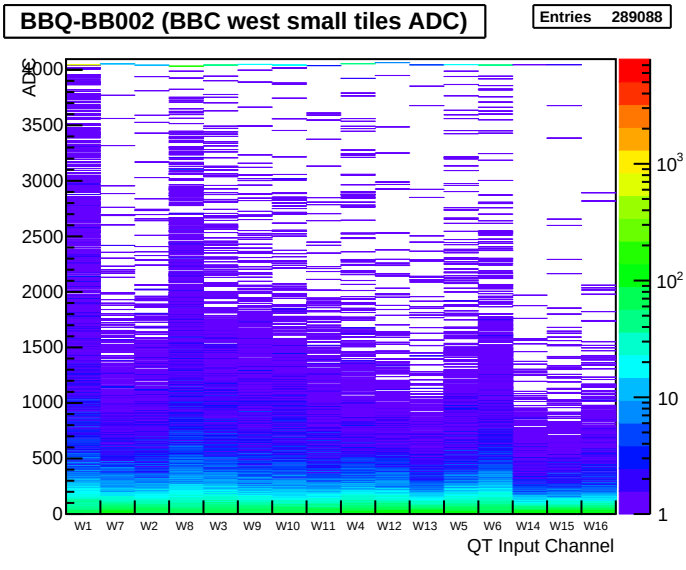

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

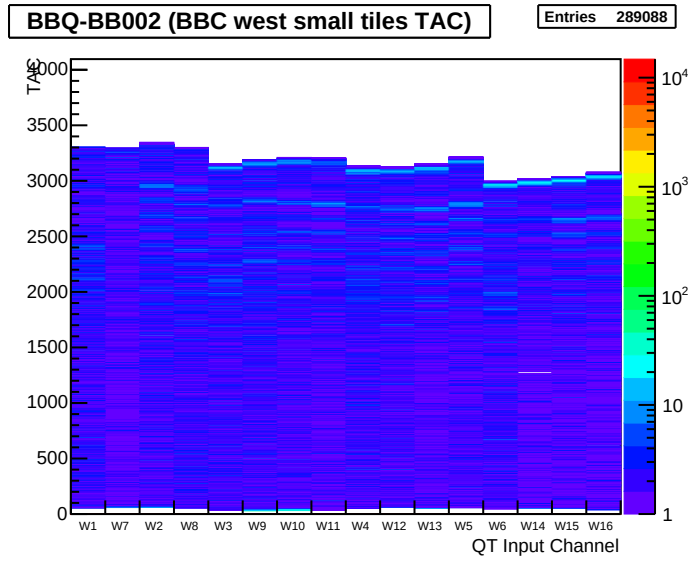

L2-TF201
Entries 126476
Threshold/UPC bits
1
0
14109
14354
1588
14153
14134
13877
15531
3959
3714
16480
3915
3934
4191
2537
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

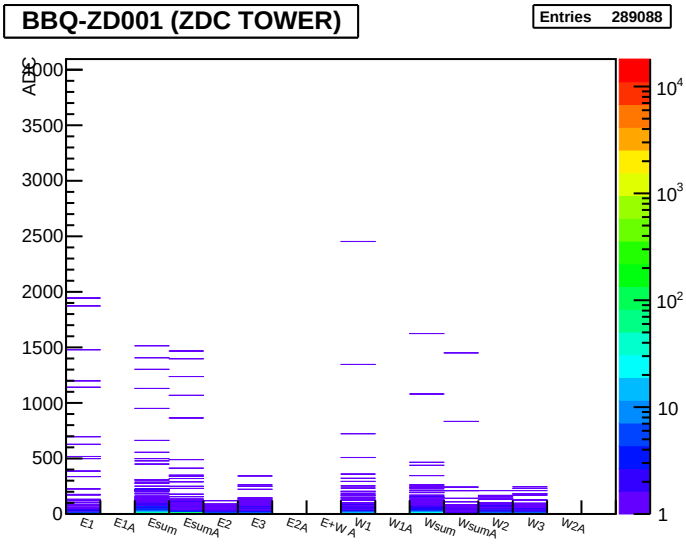

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

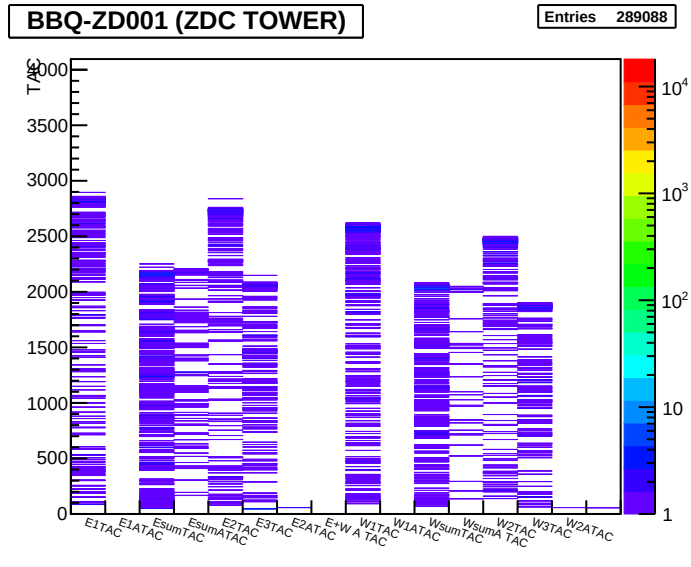

BBQ-BB001 (BBC east small tiles ADC)
Entries 289088
ADC
QT Input Channel

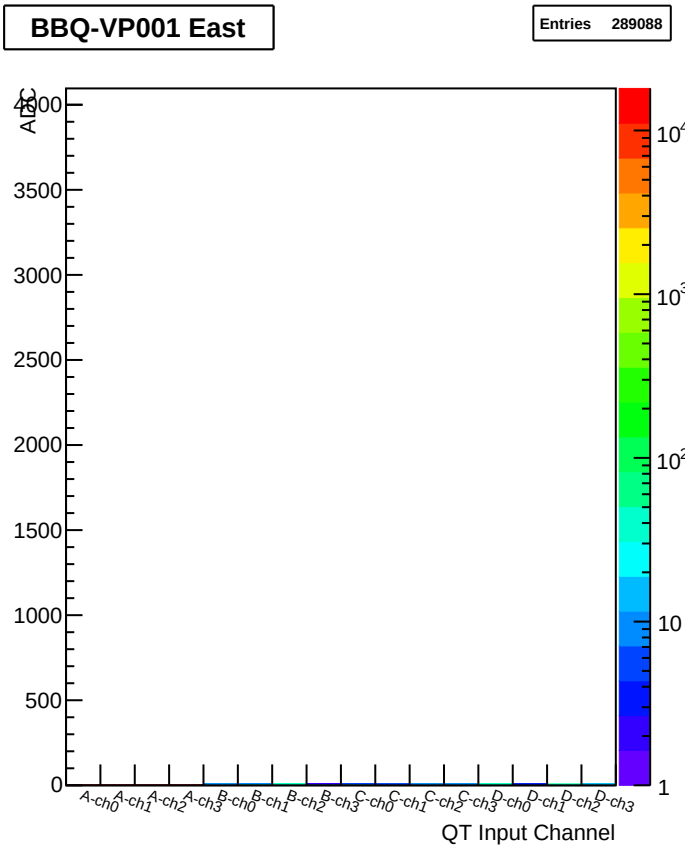

BBQ-BB001 (BBC east small tiles TAC)
Entries 289088
TAC
QT Input Channel

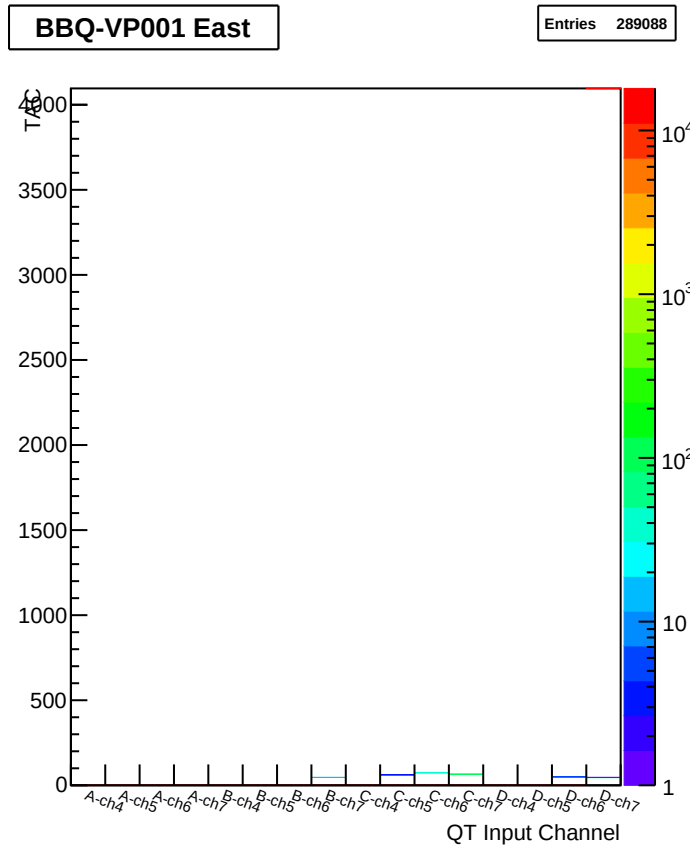

BBQ-BB002 (BBC west small tiles ADC)
Entries 289088
ADC
QT Input Channel

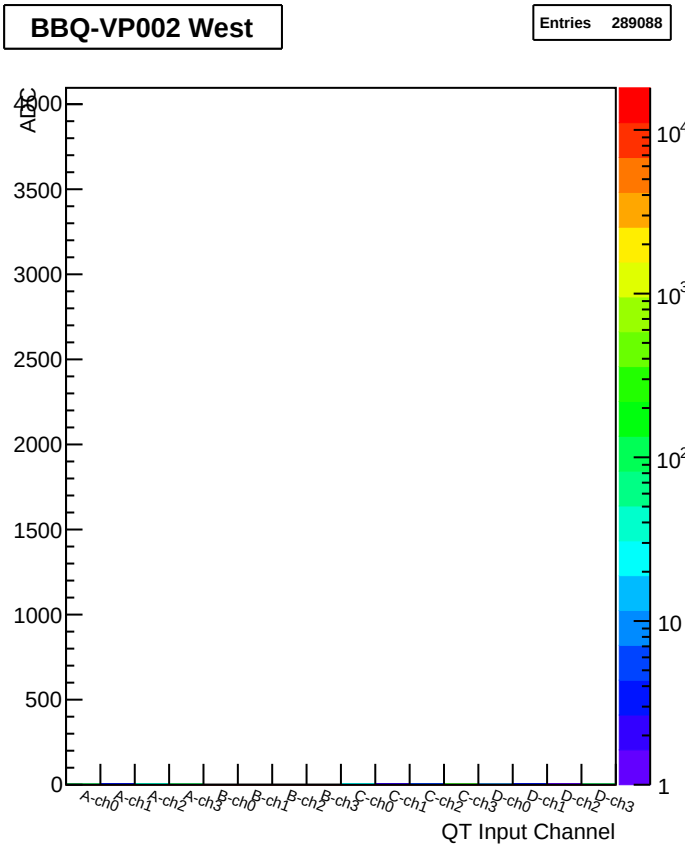

BBQ-BB002 (BBC west small tiles TAC)
Entries 289088
TAC
QT Input Channel

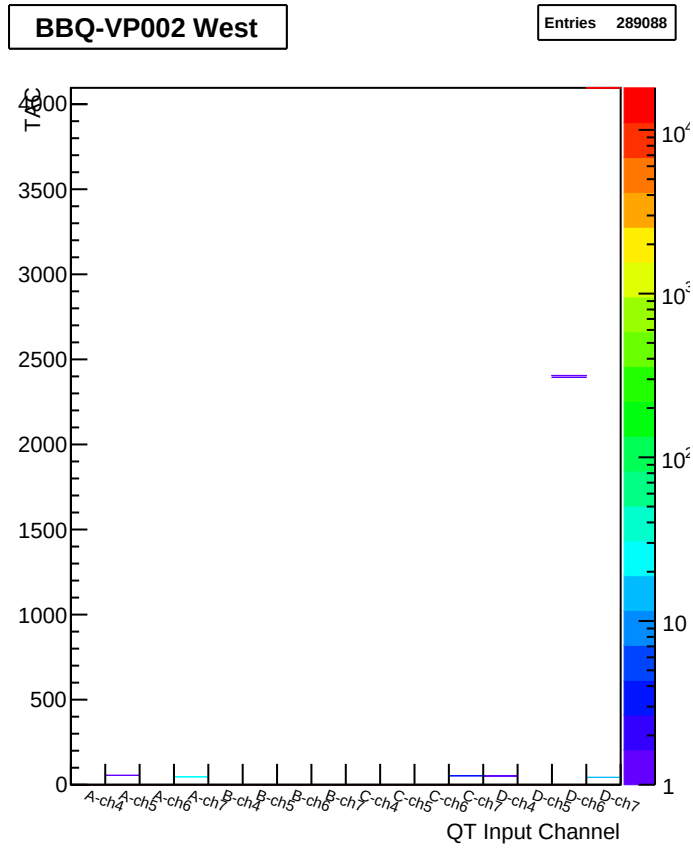

BBQ-ZD001 (ZDC TOWER)
Entries 289088
ADC

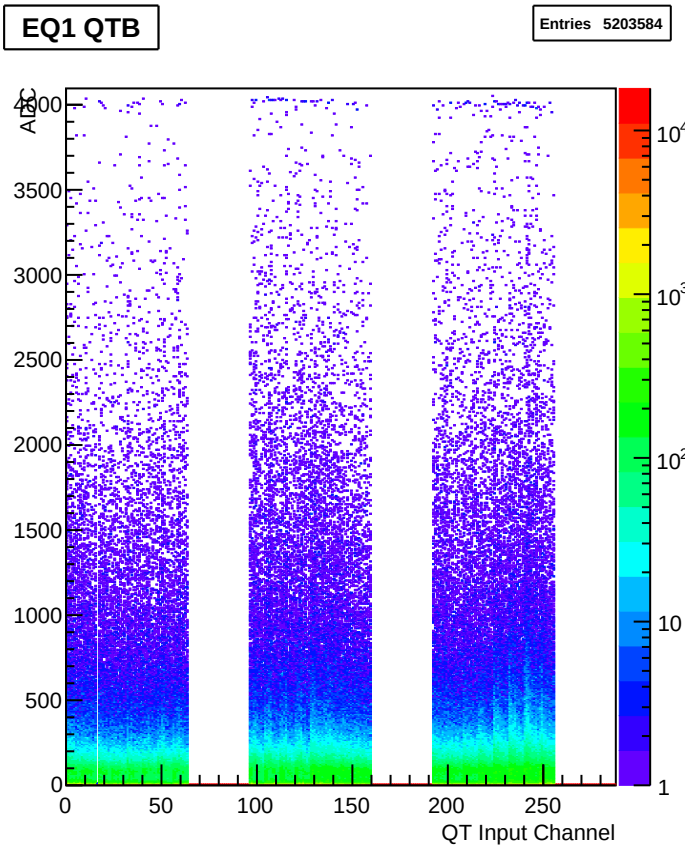

BBQ-ZD001 (ZDC TOWER)
Entries 289088
TAC

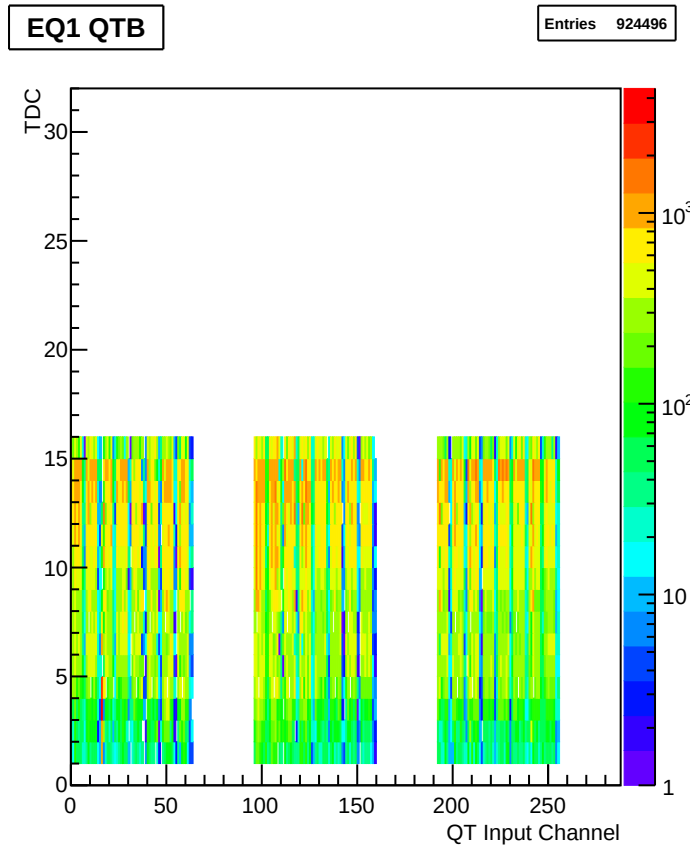

BBQ-VP001 East
Entries 289088
ADC
QT Input Channel

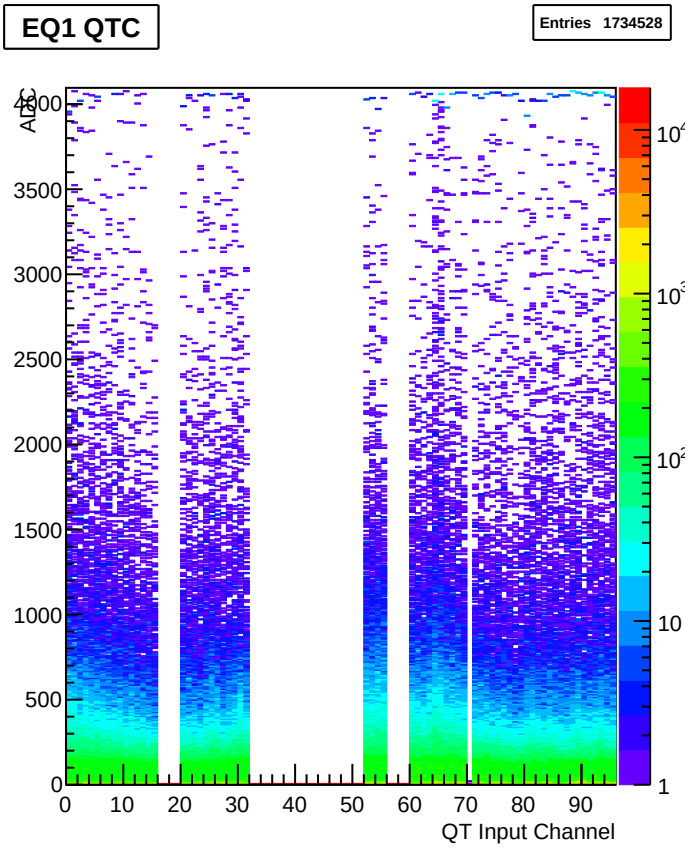

BBQ-VP001 East
Entries 289088
TADC
QT Input Channel

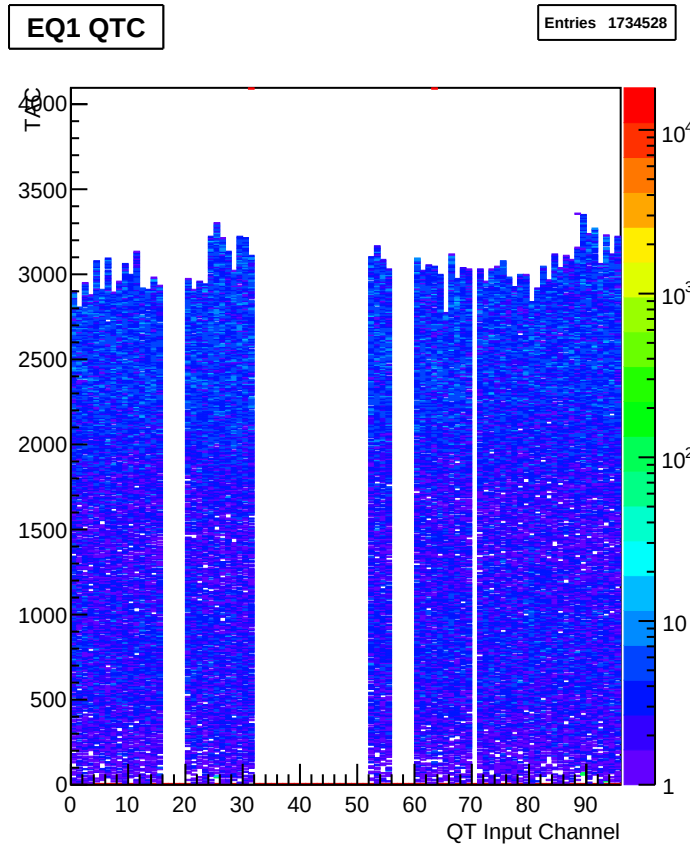

BBQ-VP002 West
Entries 289088
ADC
QT Input Channel

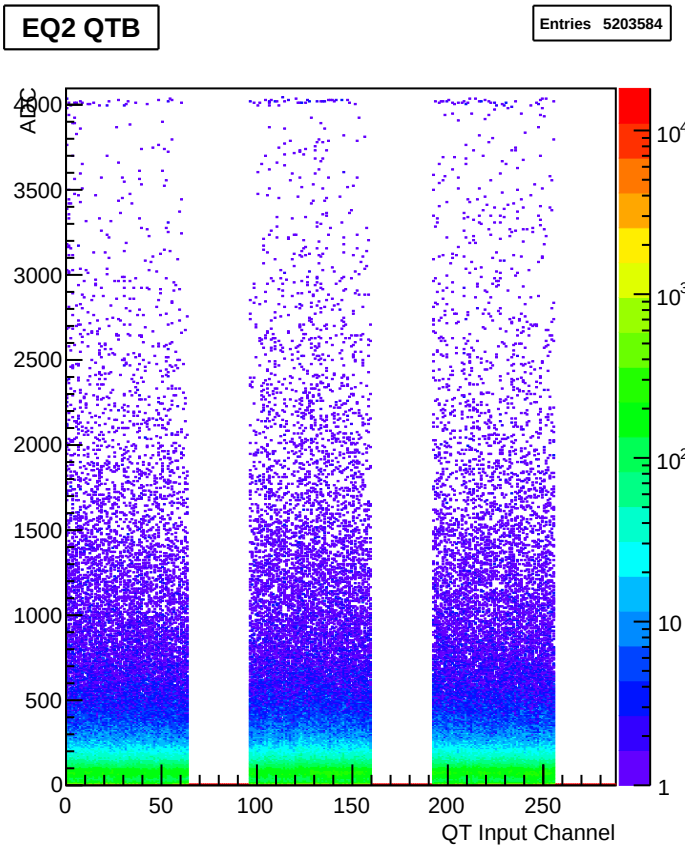

BBQ-VP002 West
Entries 289088
TADC
QT Input Channel

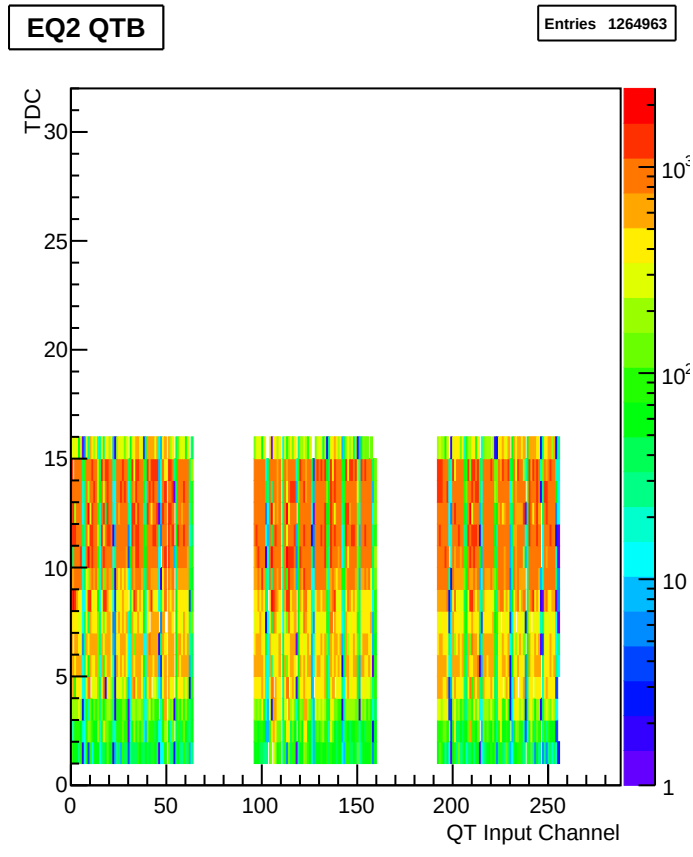

EQ1 QTB
Entries 5203584
ADC
QT Input Channel

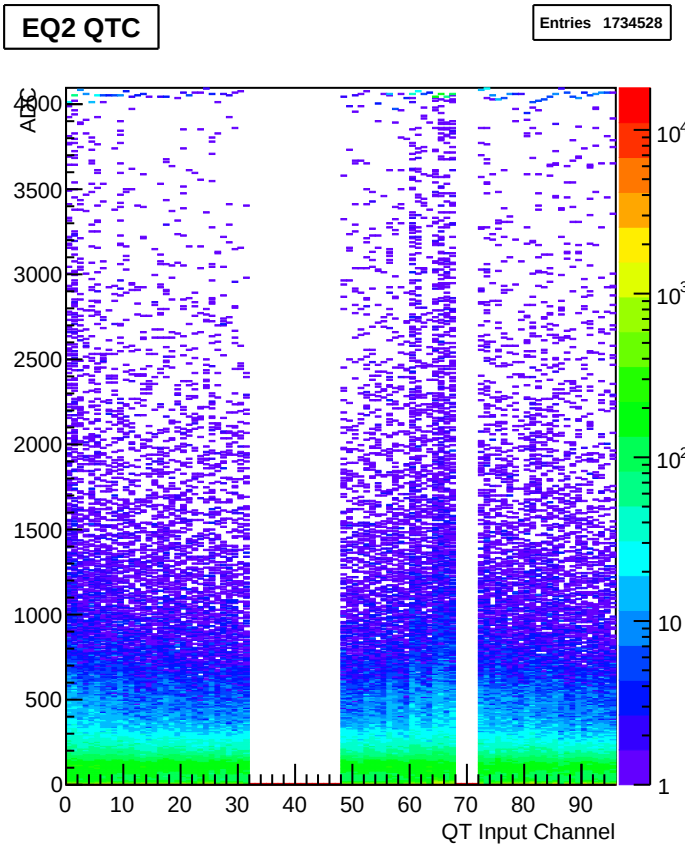

EQ1 QTB
Entries 924496
TDC
QT Input Channel

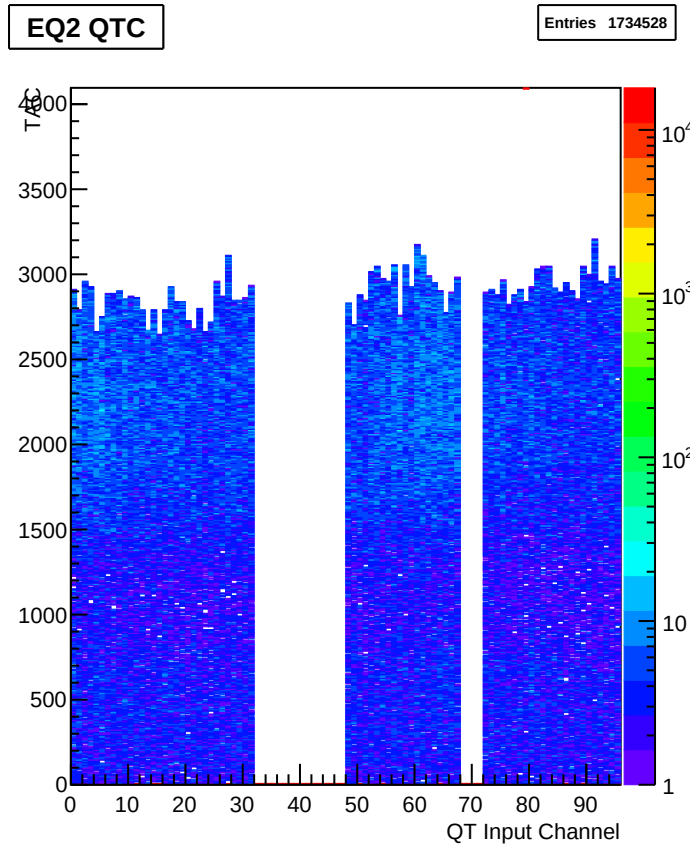

EQ1 QTC
Entries 1734528
ADC
QT Input Channel

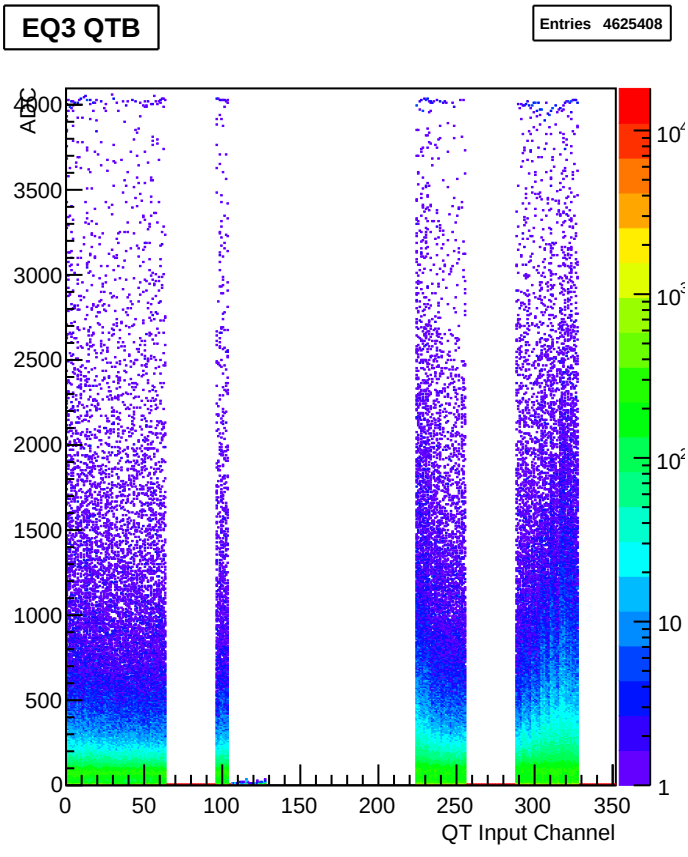

EQ1 QTC
Entries 1734528
TADC
QT Input Channel

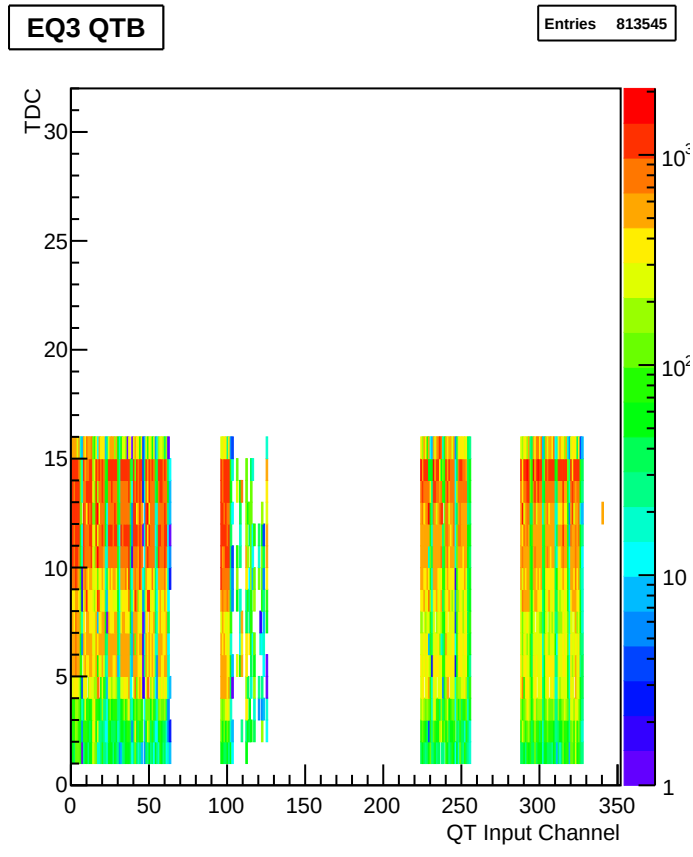

EQ2 QTB
Entries 5203584
ADC
QT Input Channel

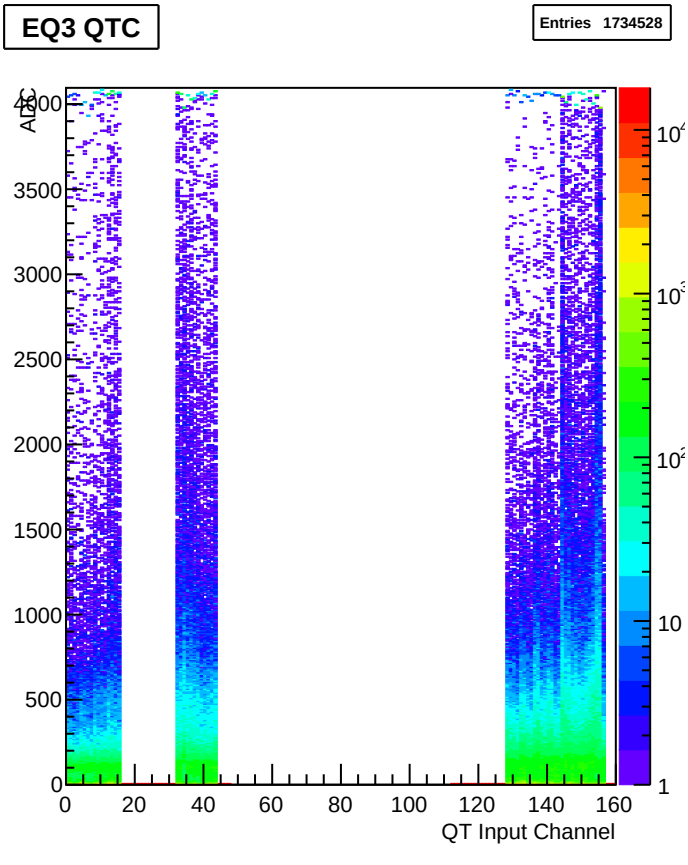

EQ2 QTB
Entries 1264963
TDC
QT Input Channel

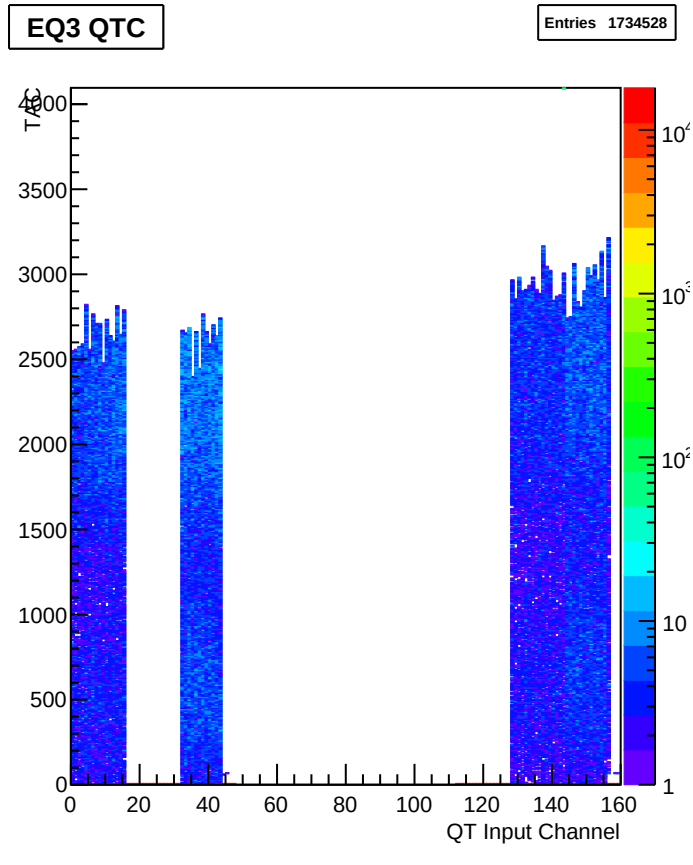

EQ2 QTC
Entries 1734528
ADC
QT Input Channel

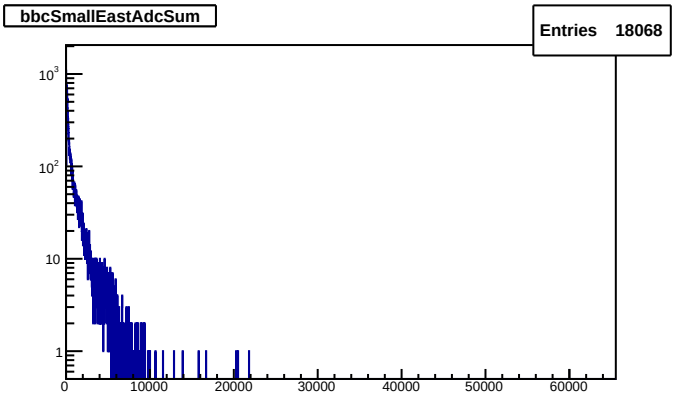

EQ2 QTC
Entries 1734528
TADC
QT Input Channel

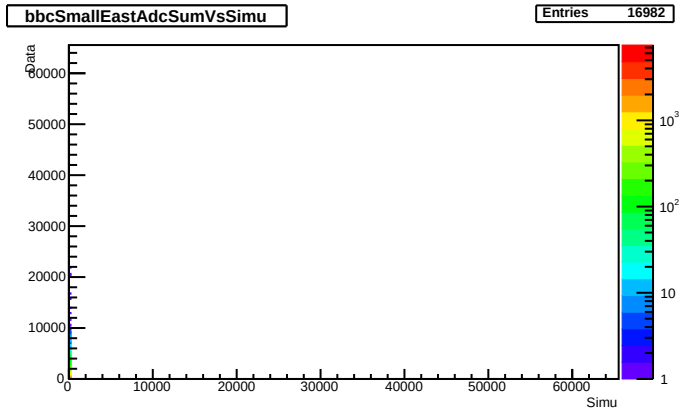

EQ3 QTB
Entries 4625408
ADC
QT Input Channel

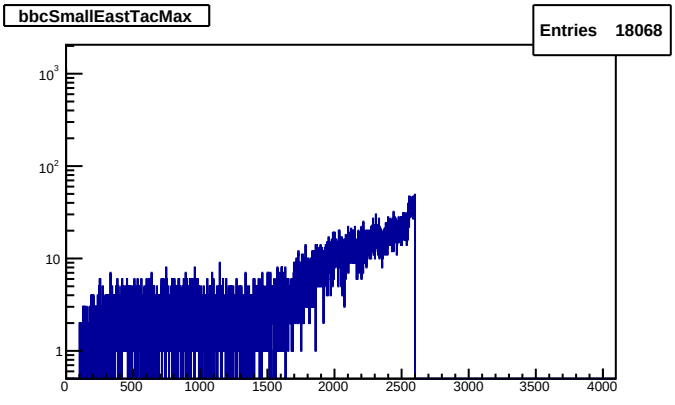

EQ3 QTB
Entries 813545
TDC
QT Input Channel

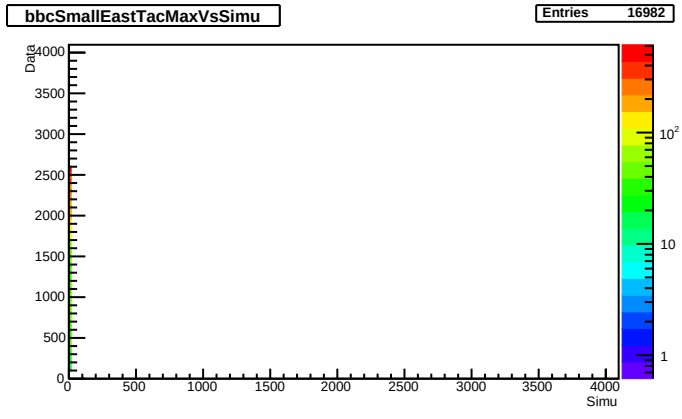

EQ3 QTC
Entries 1734528
ADC
QT Input Channel

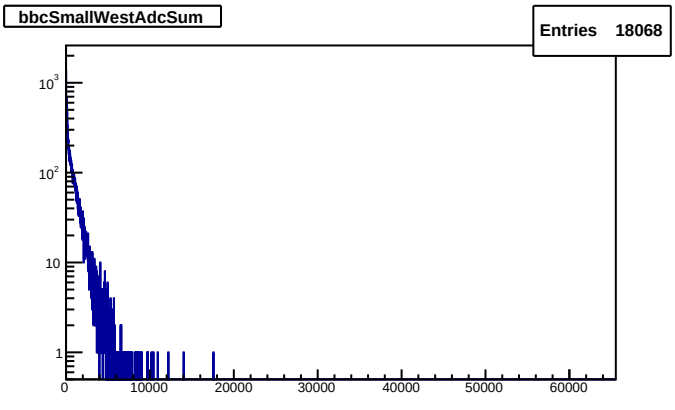

EQ3 QTC
Entries 1734528
TADC
QT Input Channel

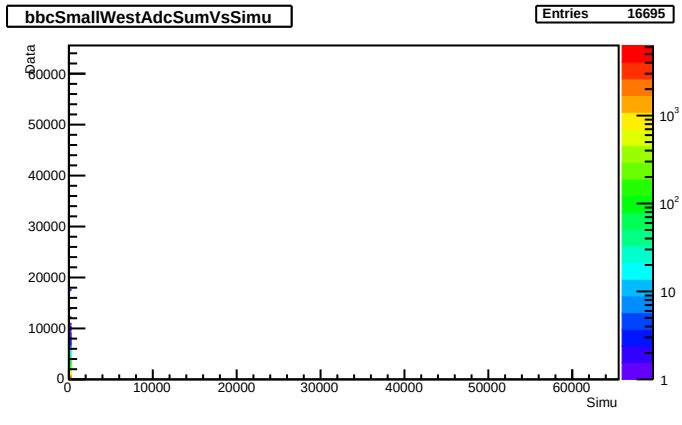

bbcSmallEastAdcSum
Entries 18068


bbcSmallEastAdcSumVsSimu
Entries 16982
Data
Simu


bbcSmallEastTacMax
Entries 18068


bbcSmallEastTacMaxVsSimu
Entries 16982
Data
Simu


bbcSmallWestAdcSum
Entries 18068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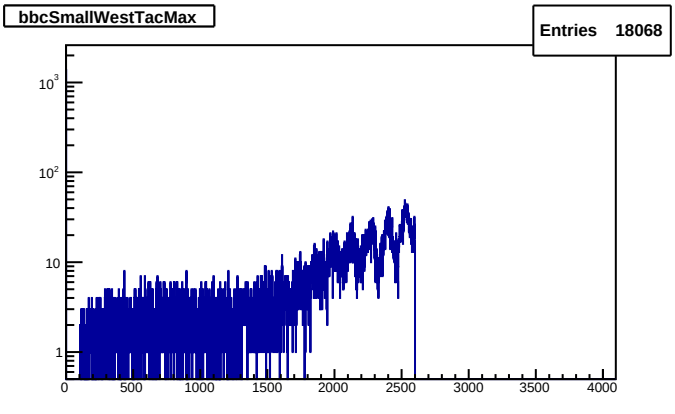
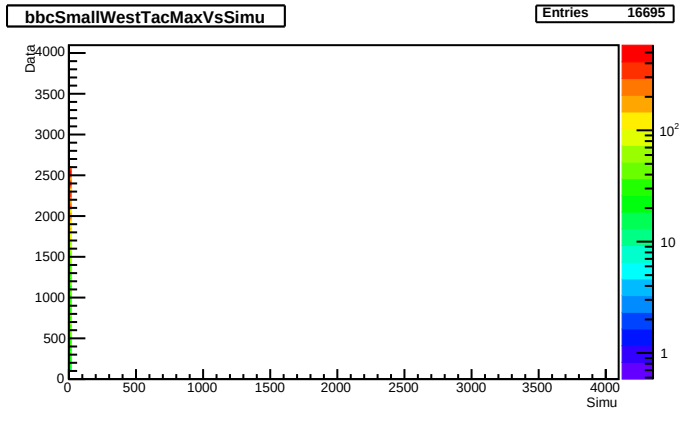
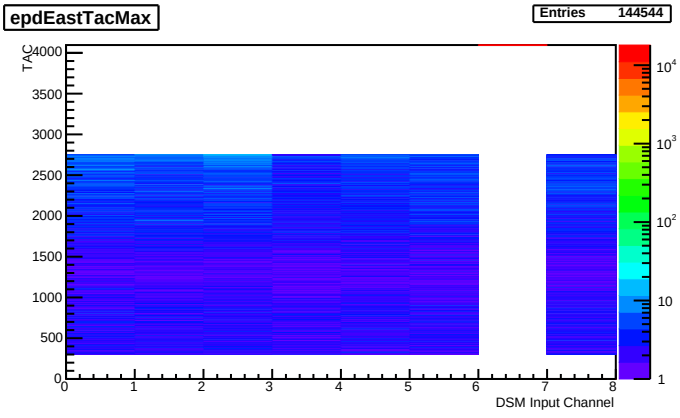
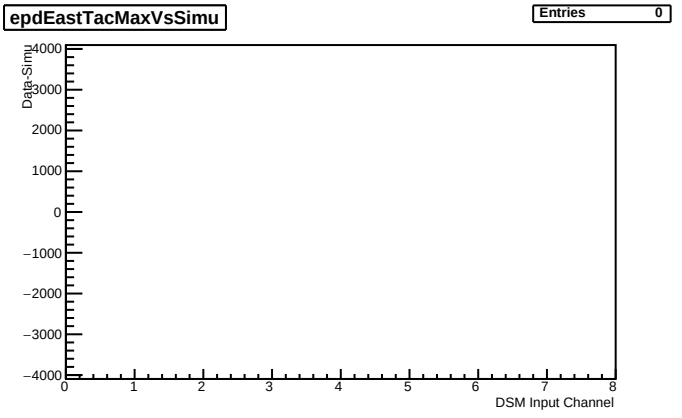
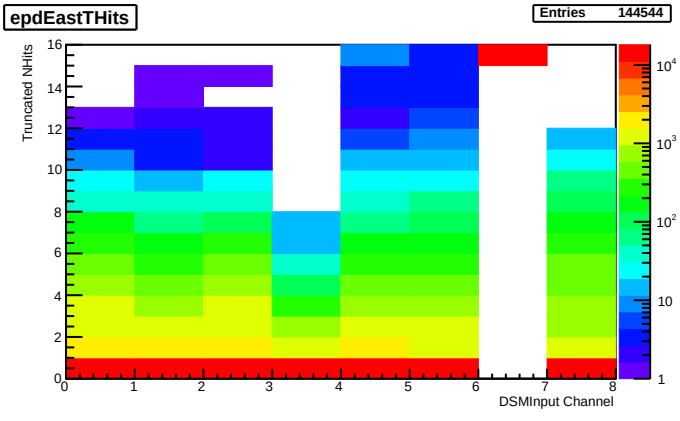
Entries 16695
Data
Simu

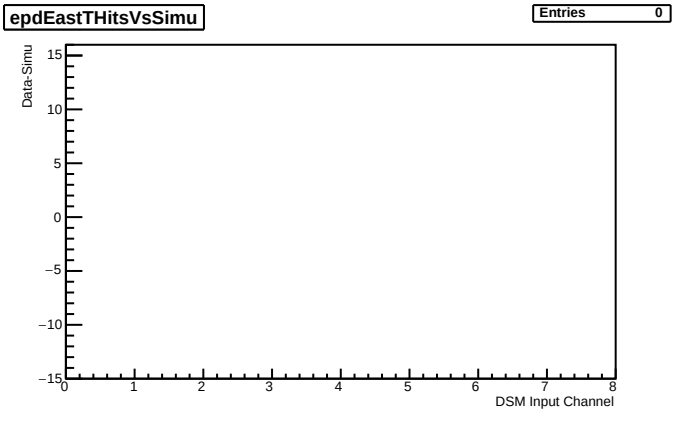

bbcSmallWestTacMax
Entries 18068


bbcSmallWestTacMaxVsSimu
Entries 16695
Data
Simu


epdEastTacMax
Entries 144544
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 144544
Truncated NHits
DSMInput Channel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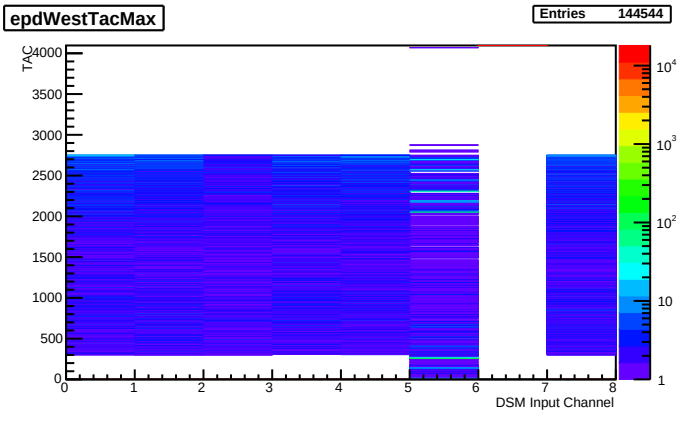
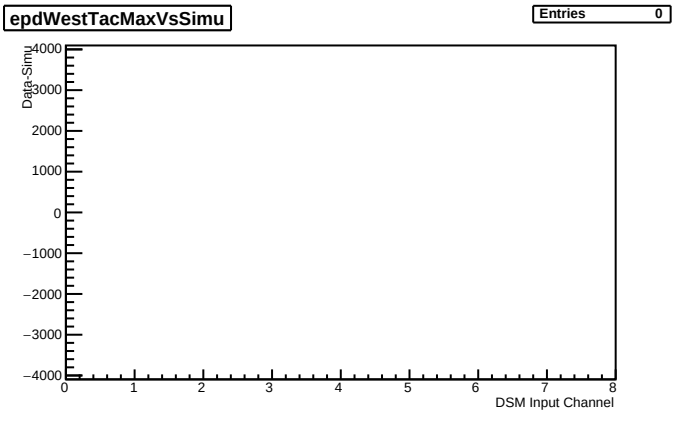
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 144544
TAC
DSM Input Channel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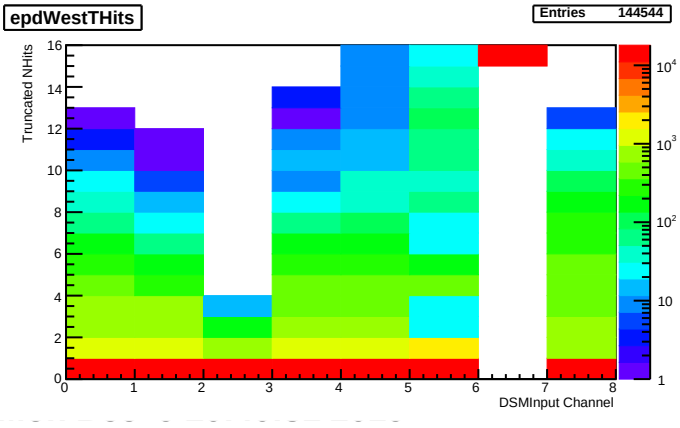
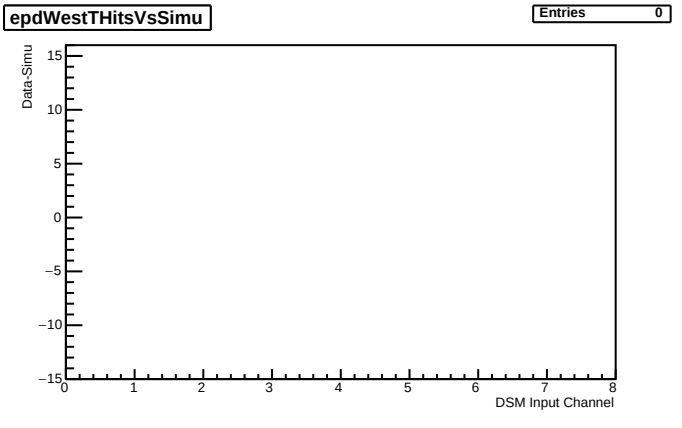
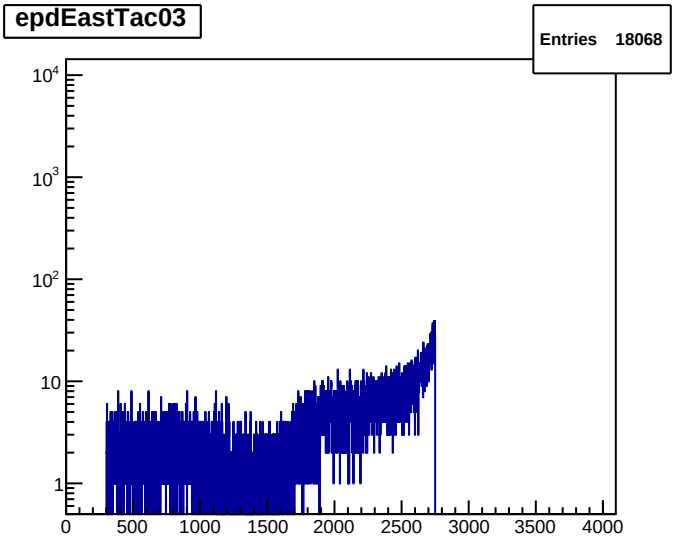
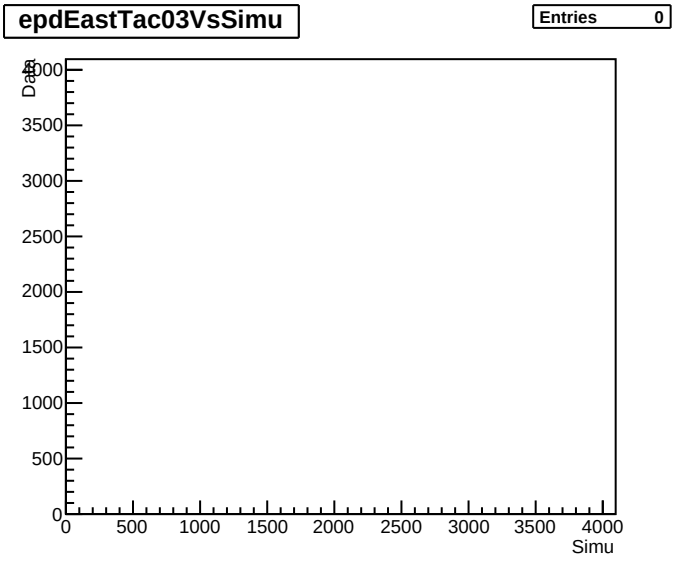
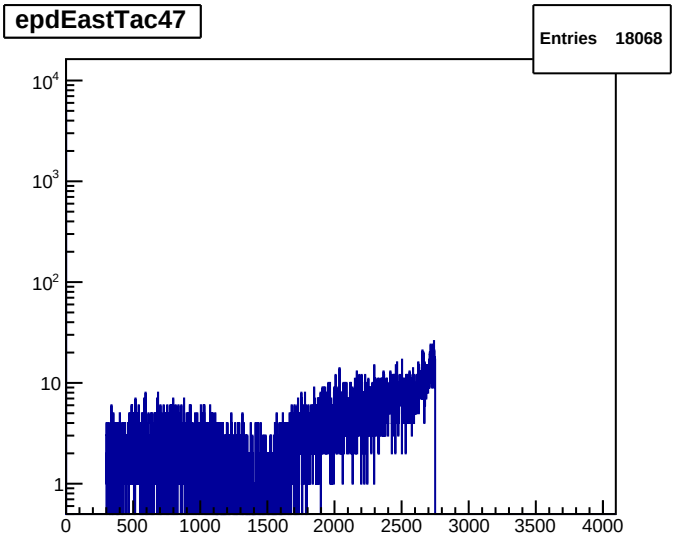
Entries 0
Data-Simu
DSM Input Channel

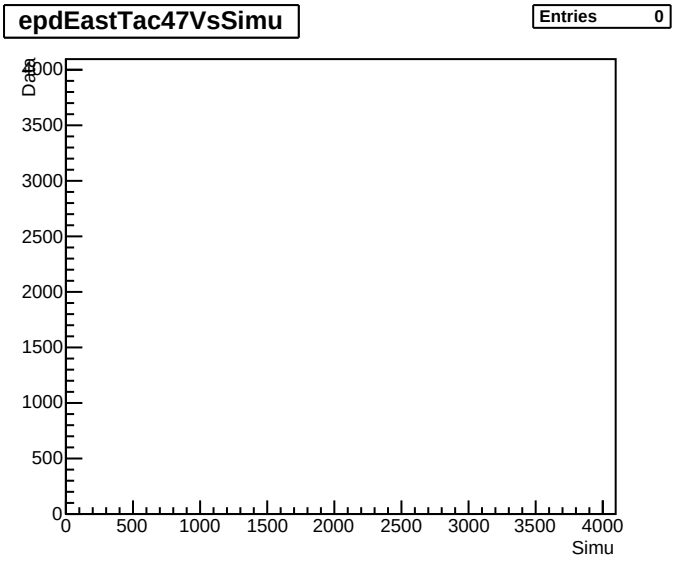

epdWestTHits
Entries 144544
Truncated NHits
DSMInput Channel

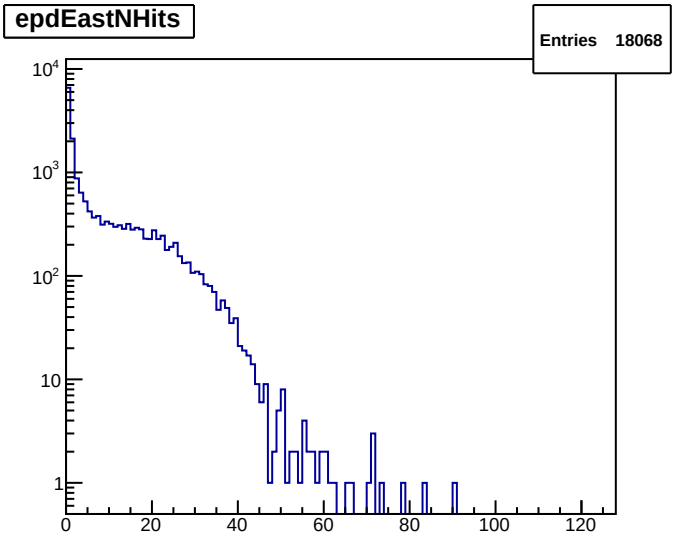

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

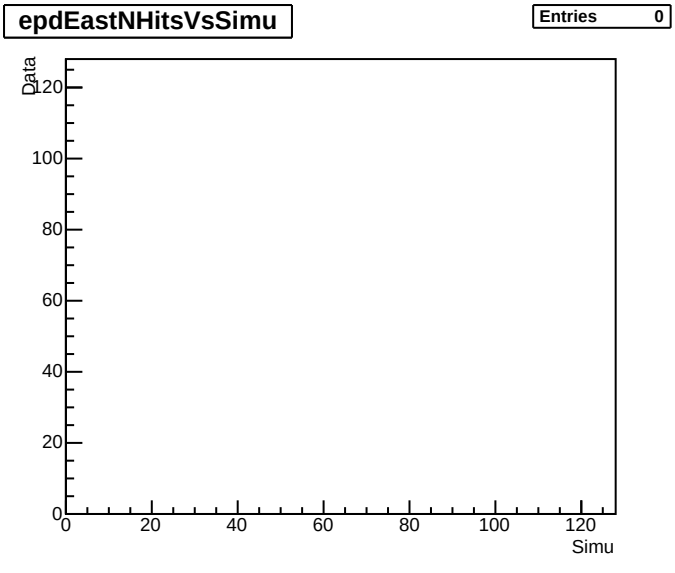

epdEastTac03
Entries 18068


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 18068


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 18068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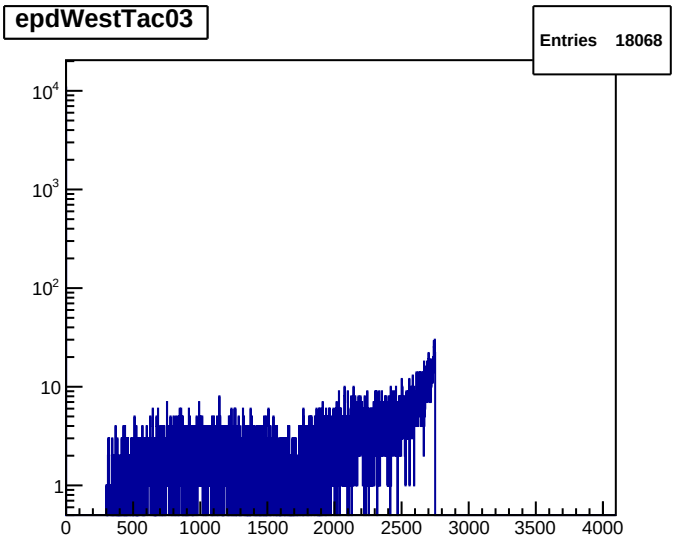
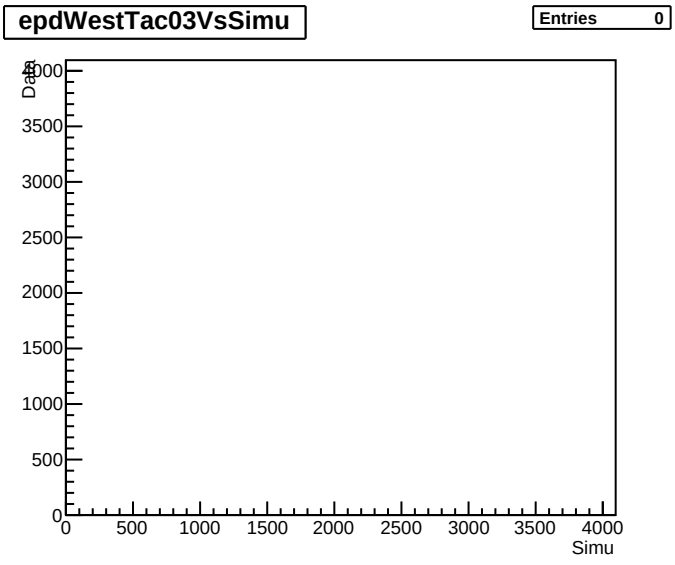
Entries 0
Data
Simu


epdWestTac03
Entries 18068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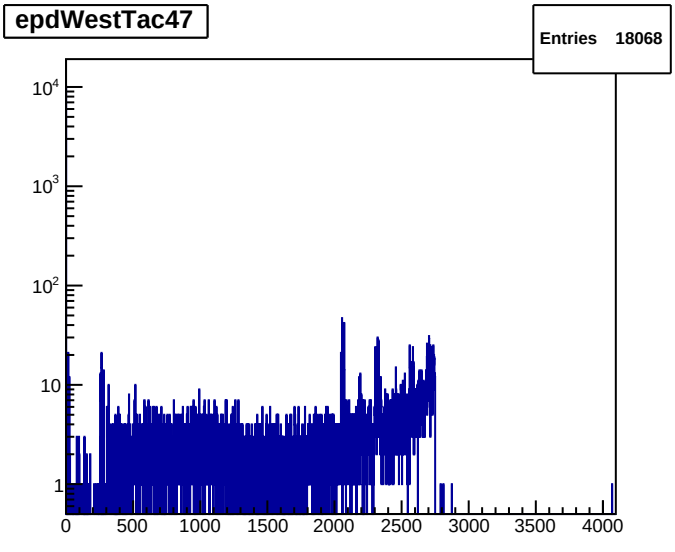
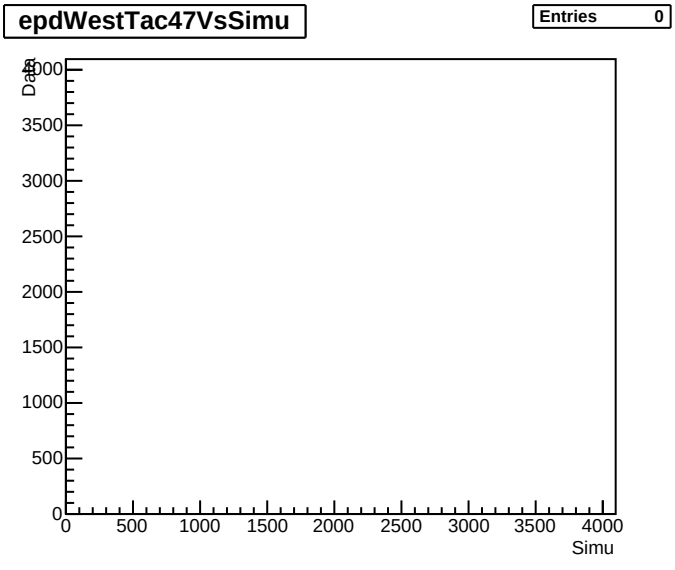
Entries 0
Data
Simu


epdWestTac47
Entries 18068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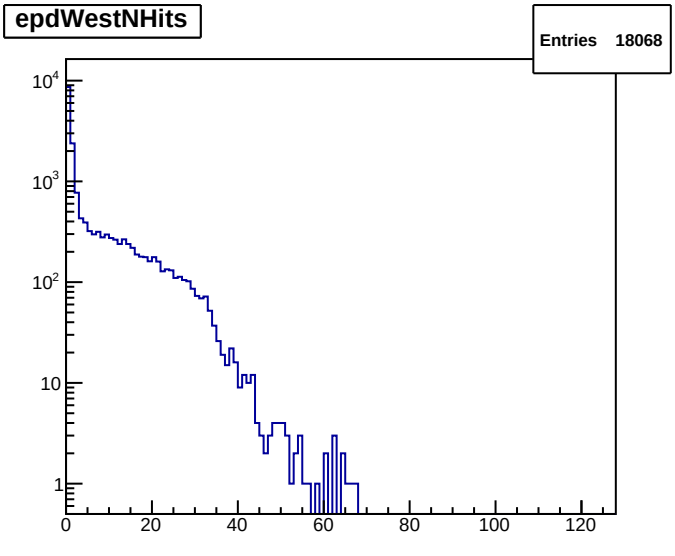
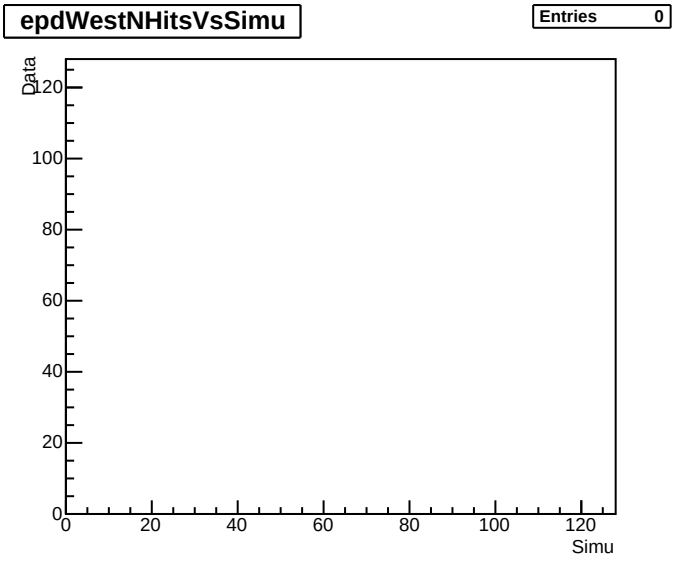
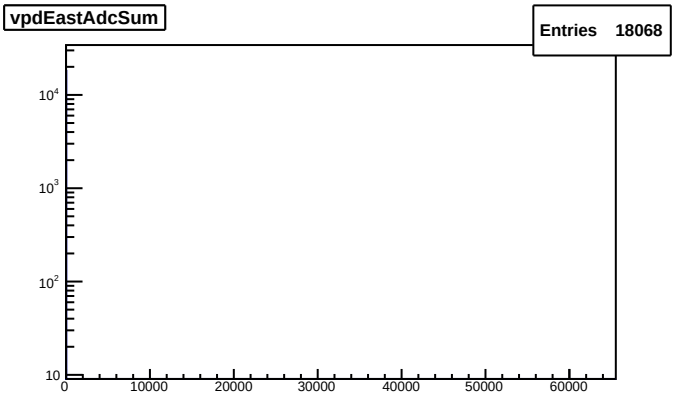
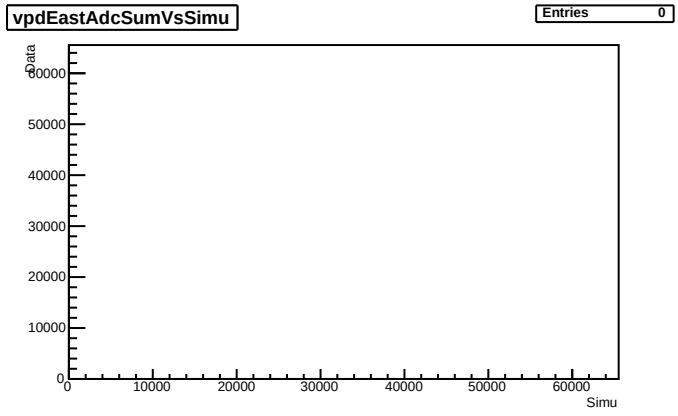
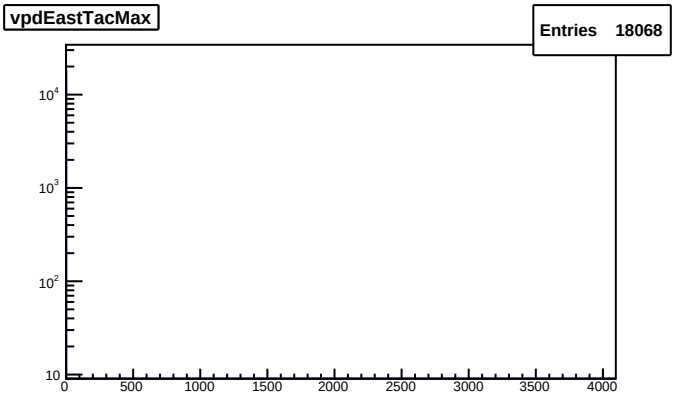
Entries 0
Data
Simu

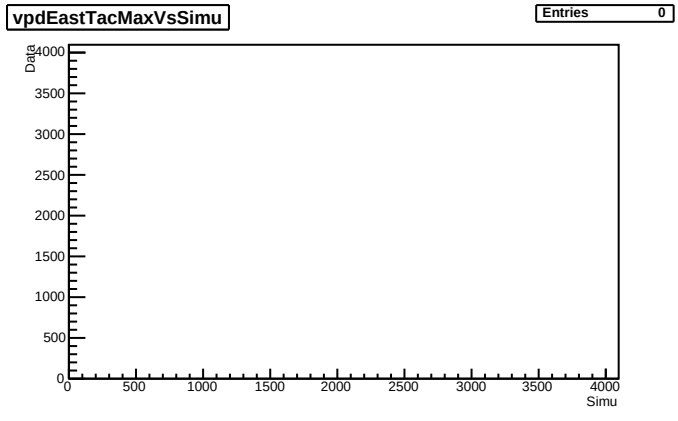

epdWestNHits
Entries 18068

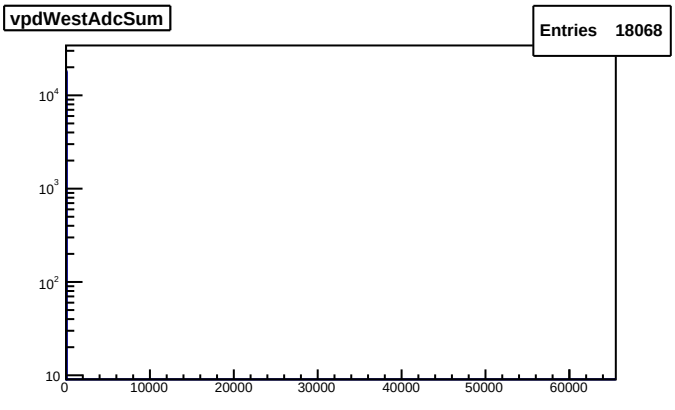

epdWestNHitsVsSimu
Entries 0
Data
Simu

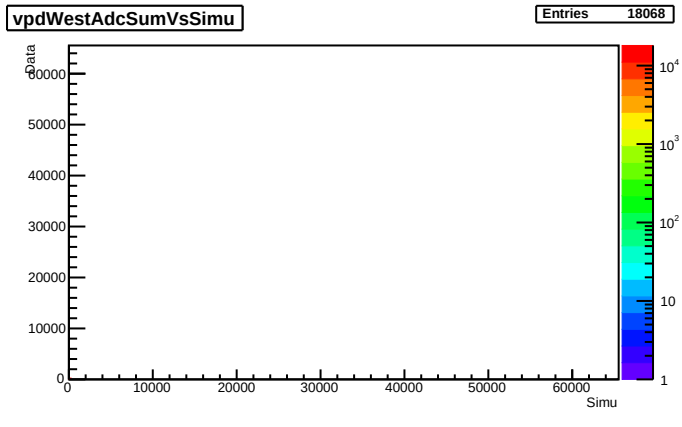

vpdEastAdcSum
Entries 18068

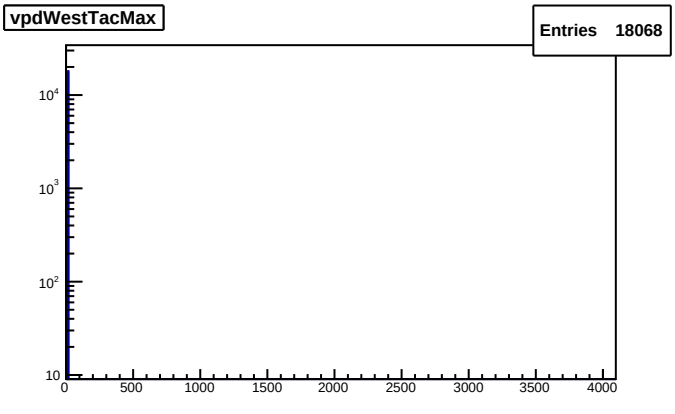

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

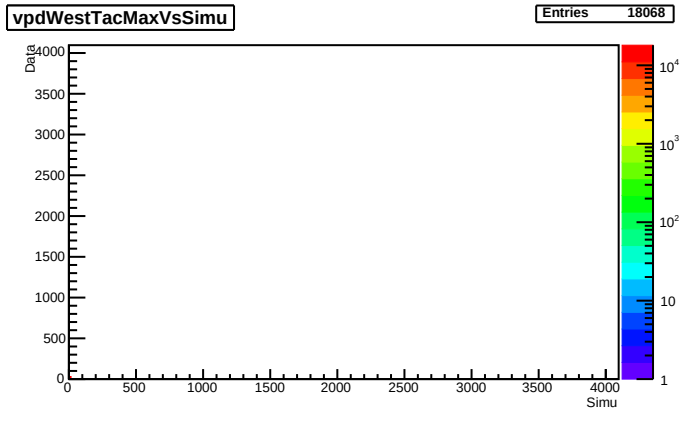

vpdEastTacMax
Entries 18068

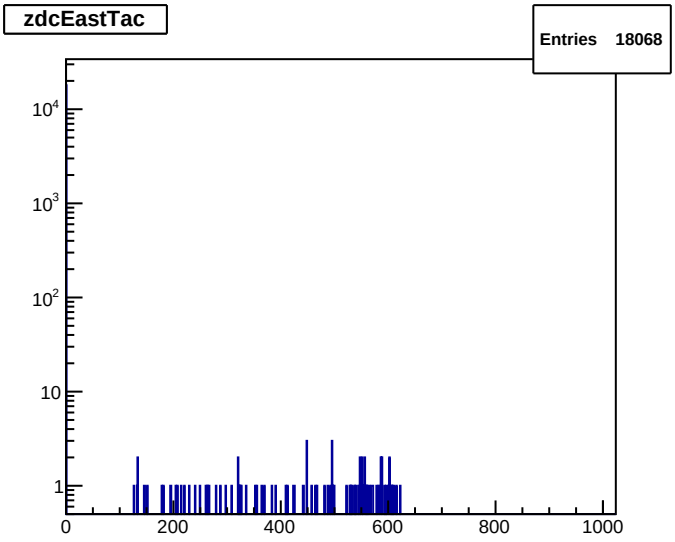

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

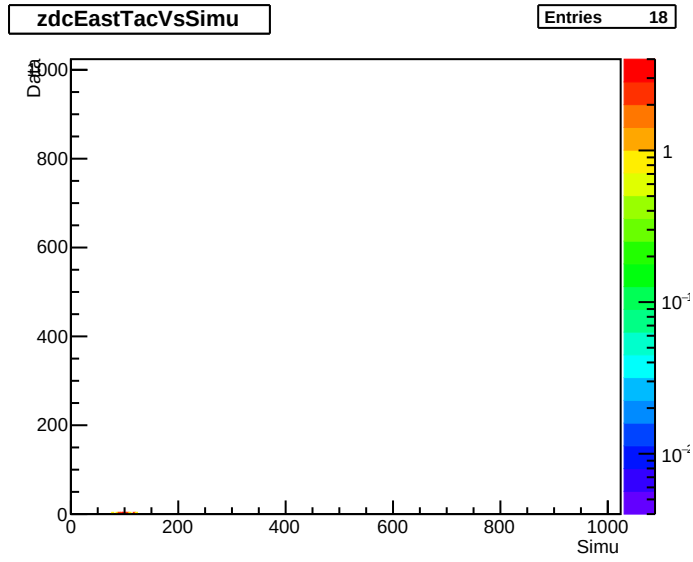

vpdWestAdcSum
Entries 18068

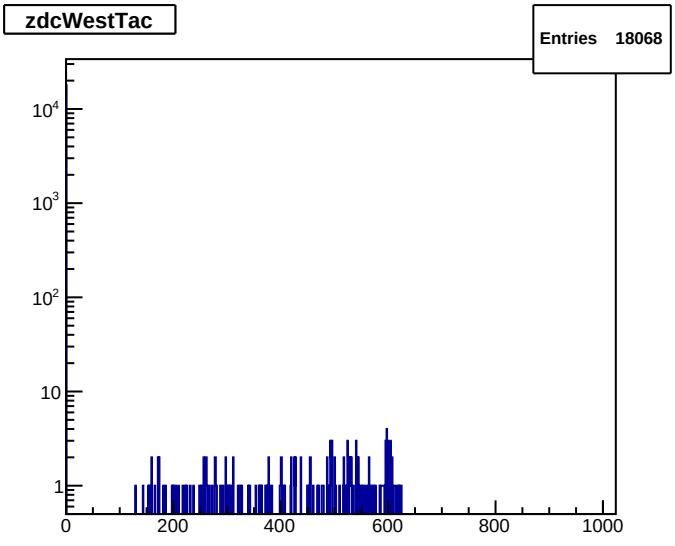

vpdWestAdcSumVsSimu
Entries 18068
Data
Simu

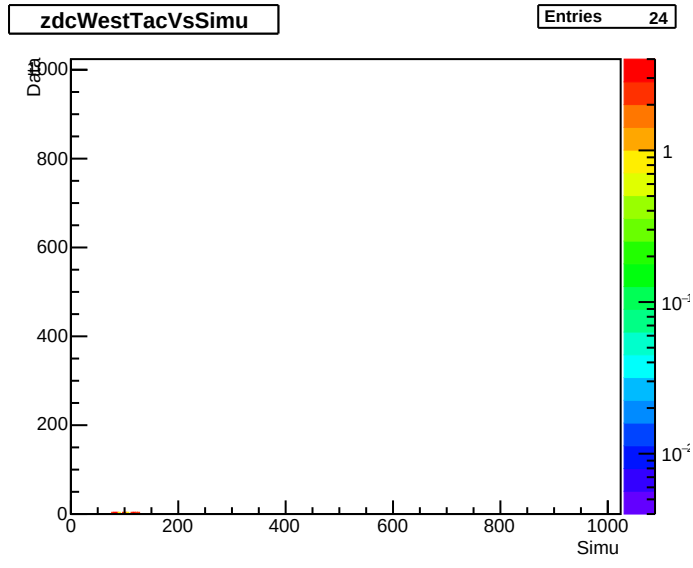

vpdWestTacMax
Entries 18068

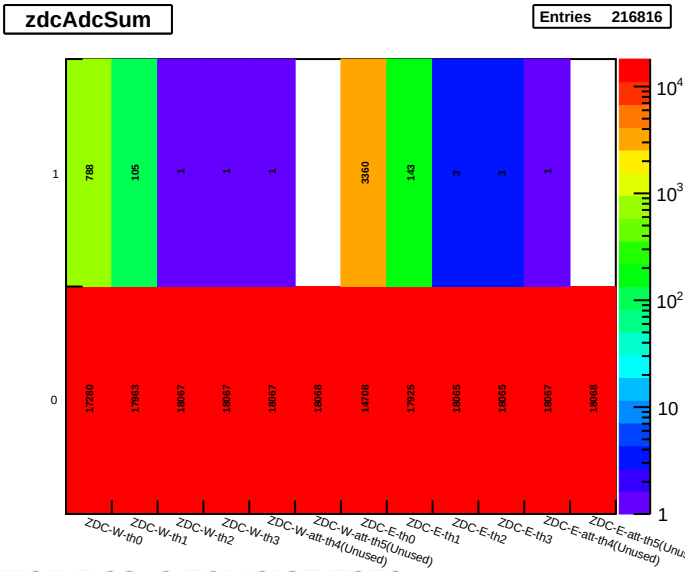

vpdWestTacMaxVsSimu
Entries 18068
Data
Simu

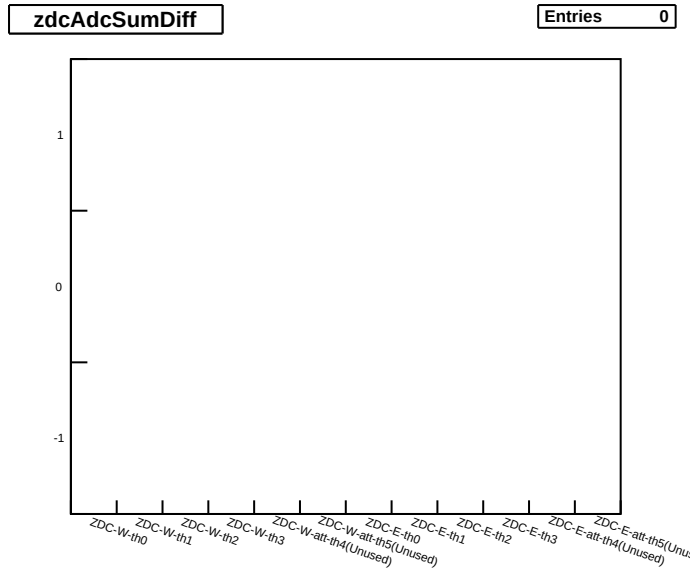

zdcEastTac
Entries 18068

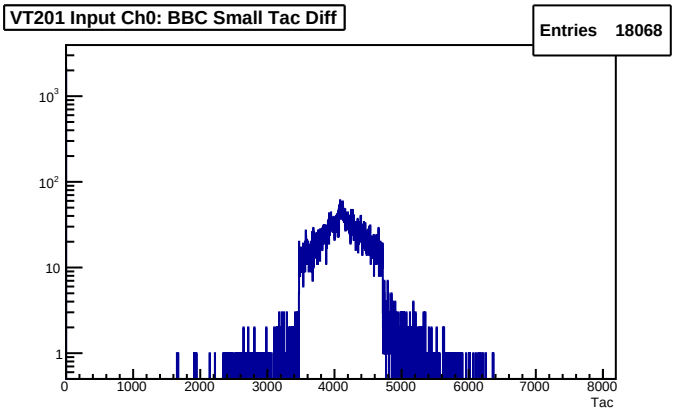

zdcEastTacVsSimu
Entries 18
Data
Simu

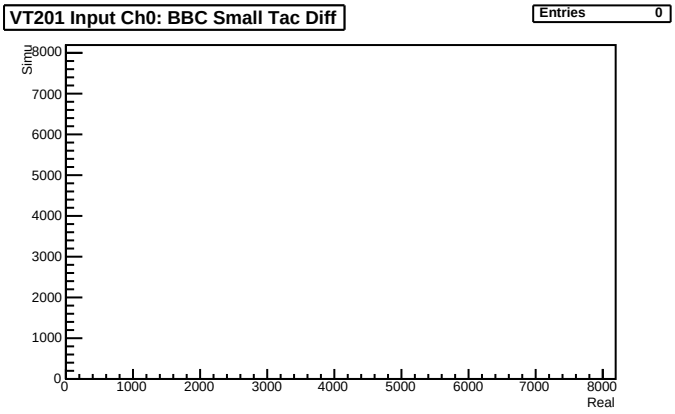

zdcWestTac
Entries 18068

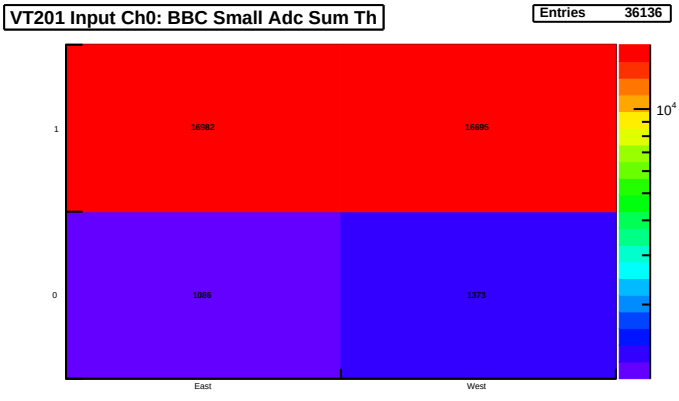

zdcWestTacVsSimu
Entries 24
Data
Simu

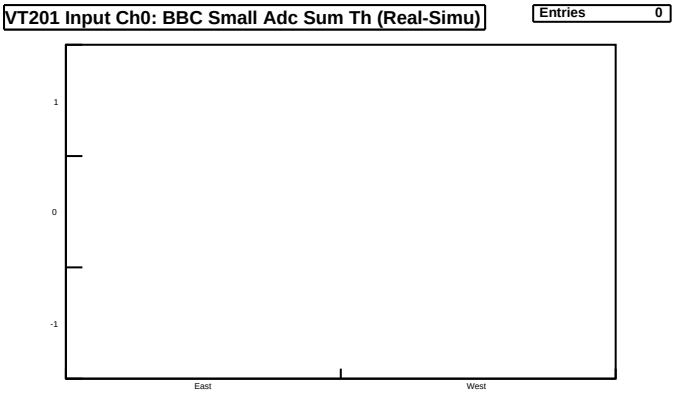

zdcAdcSum
Entries 216816
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

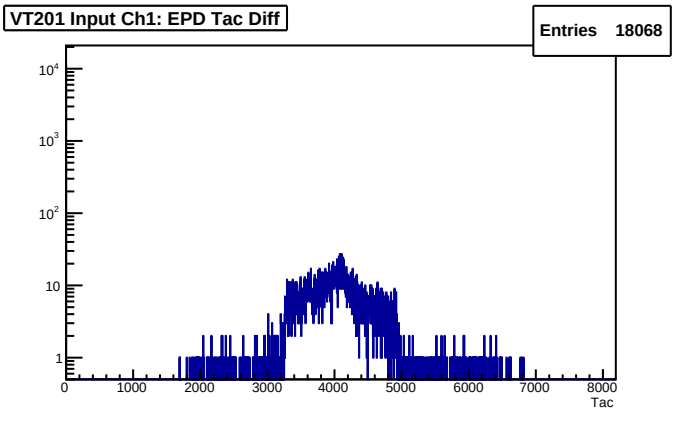

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

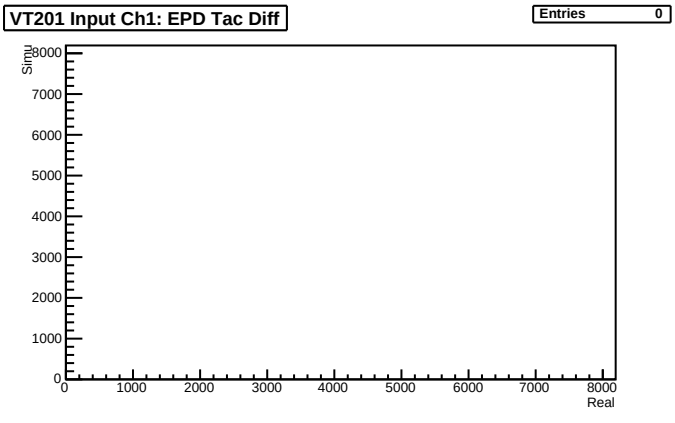

VT201 Input Ch0: BBC Small Tac Diff
Entries 18068
Tac

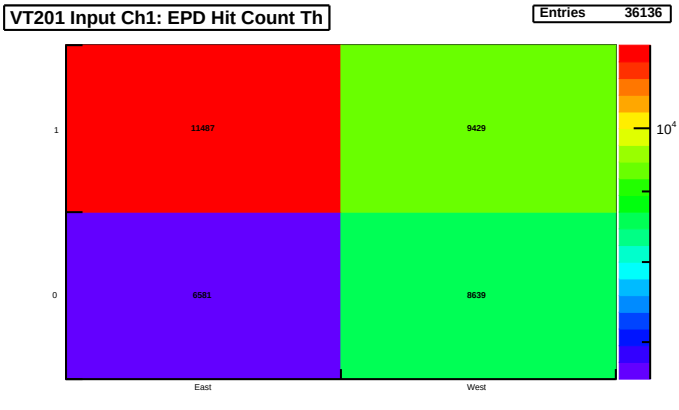

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

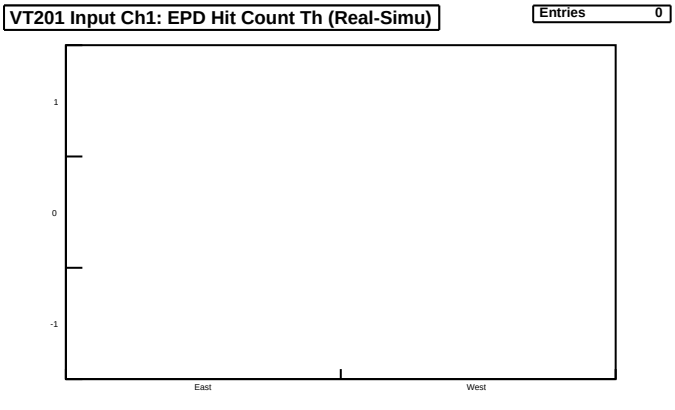

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 36136
16982
16695
1086
1373
East
West

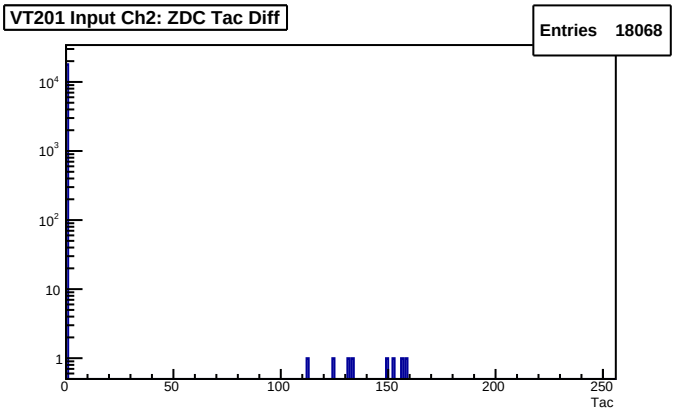

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

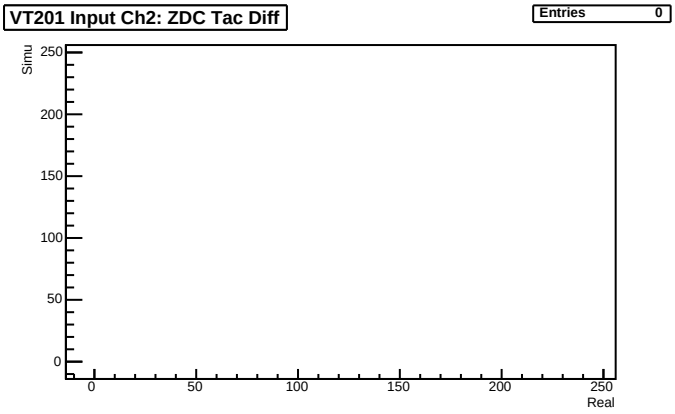

VT201 Input Ch1: EPD Tac Diff
Entries 18068
Tac

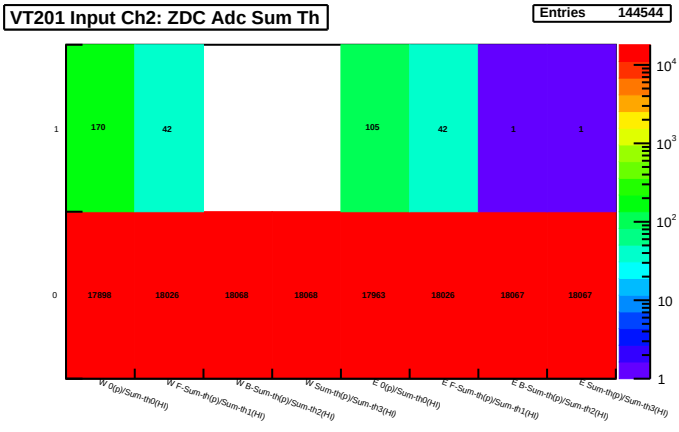

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

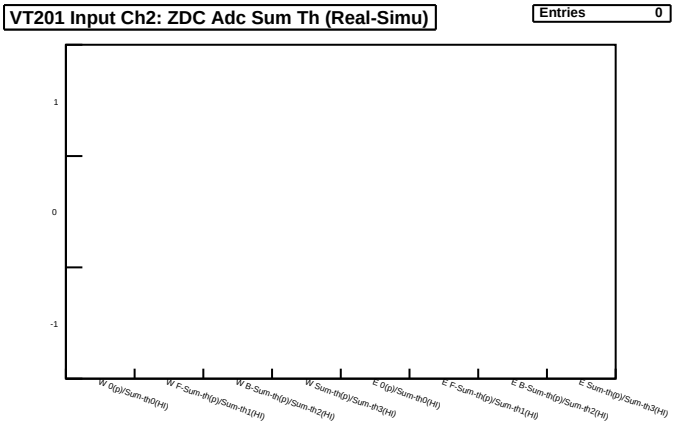

VT201 Input Ch1: EPD Hit Count Th
Entries 36136
11487
9429
6581
8639
East
West

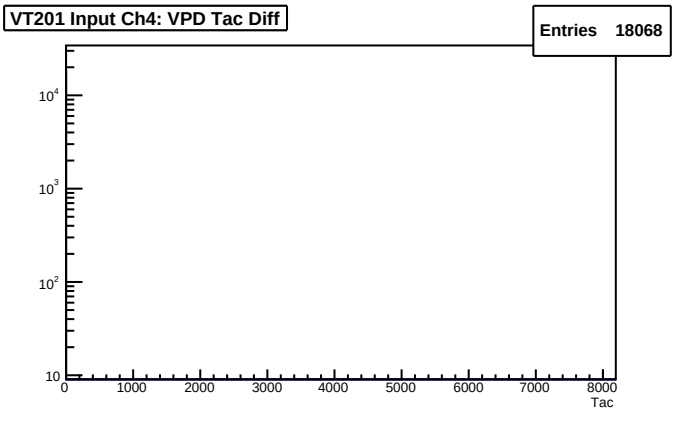

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

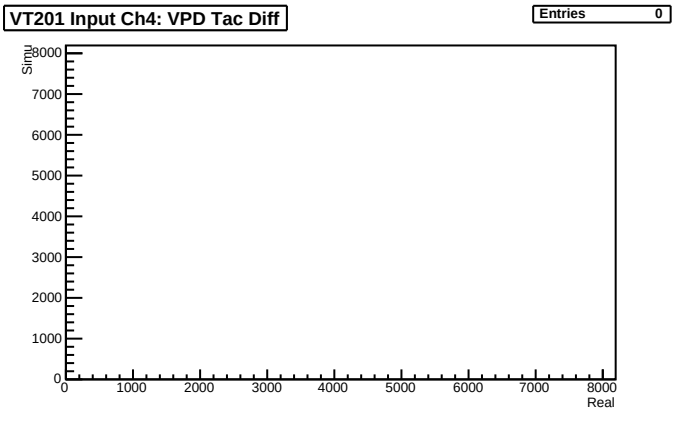

VT201 Input Ch2: ZDC Tac Diff
Entries 18068
Tac

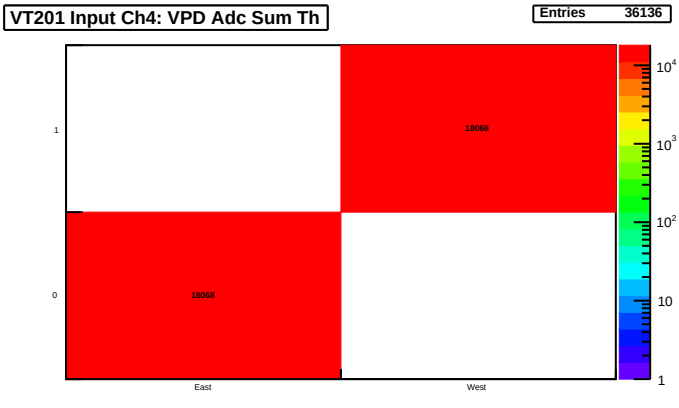

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

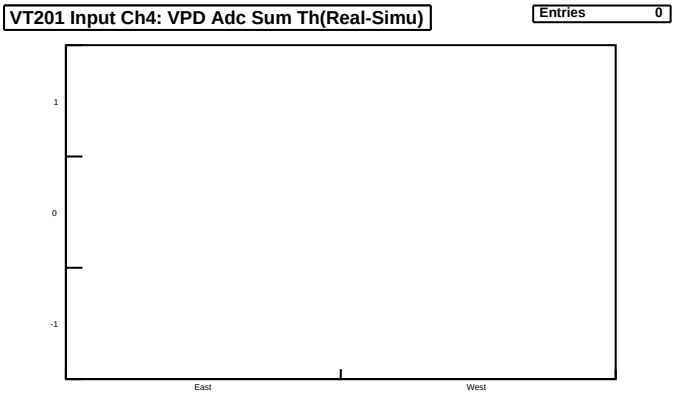

VT201 Input Ch2: ZDC Adc Sum Th
Entries 144544
170
42
105
42
1
1
17898
18026
18068
18068
17963
18026
18067
18067
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

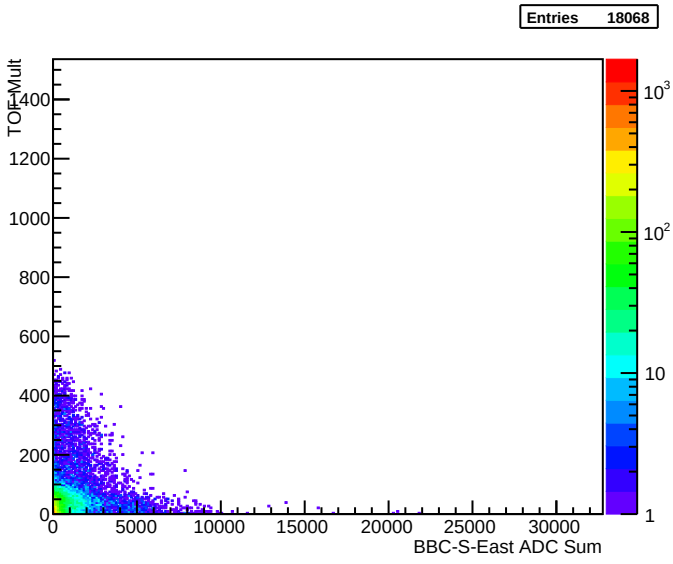

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

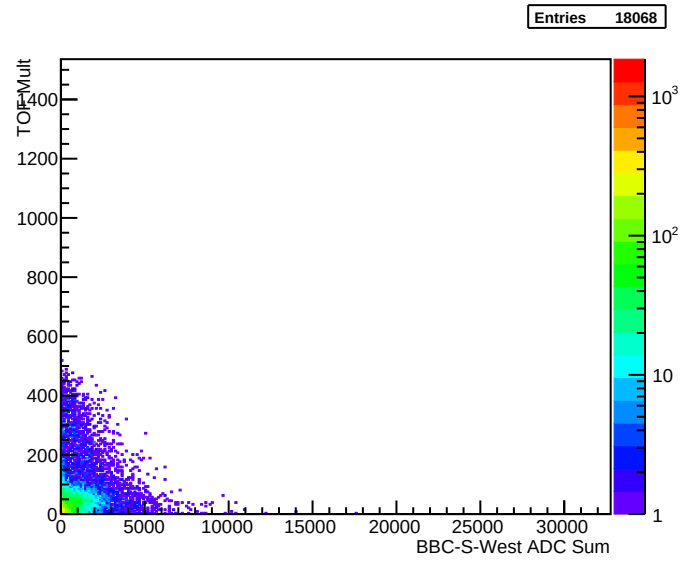

VT201 Input Ch4: VPD Tac Diff
Entries 18068
Tac

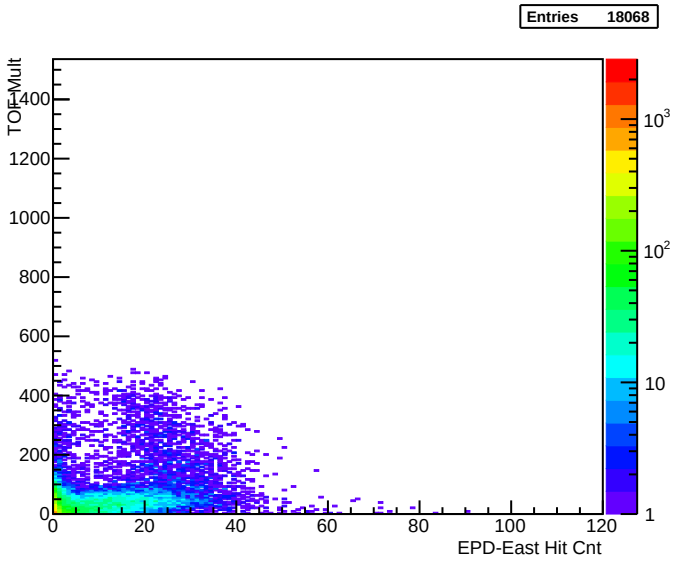

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

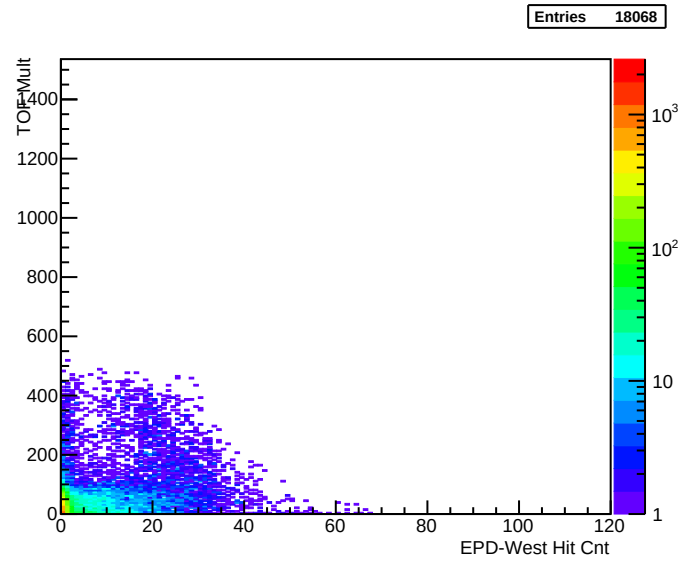

VT201 Input Ch4: VPD Adc Sum Th
Entries 36136
18068
18068
East
West

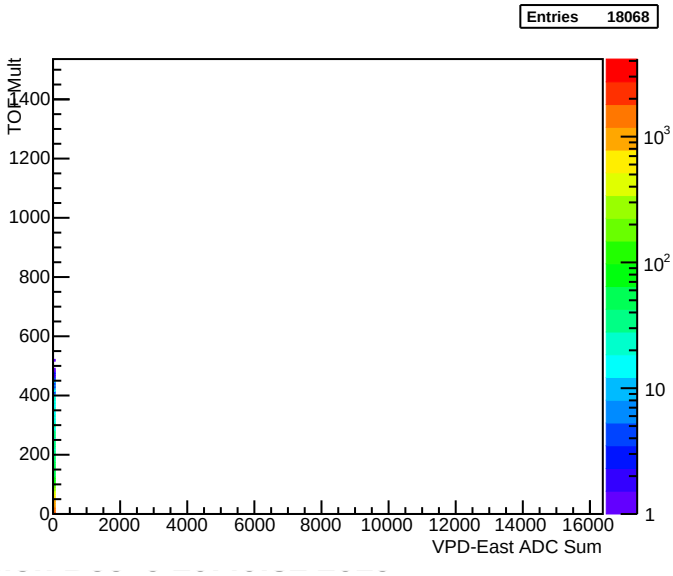

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

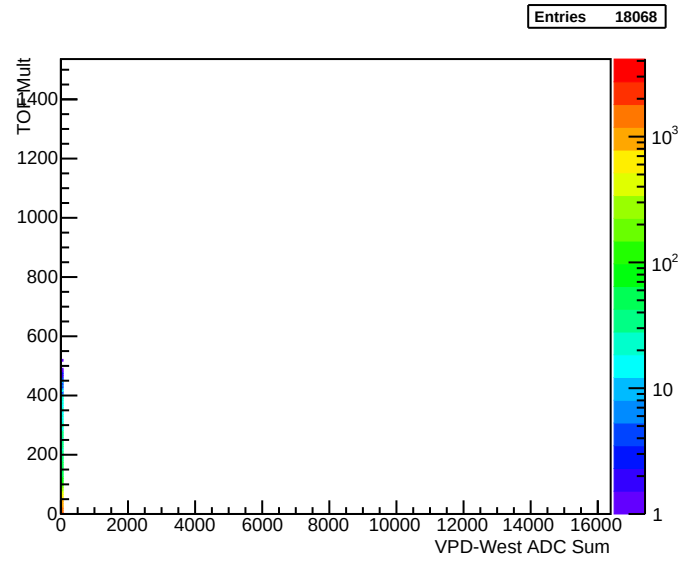

Entries 18068
TOF-Mult
BBC-S-East ADC Sum

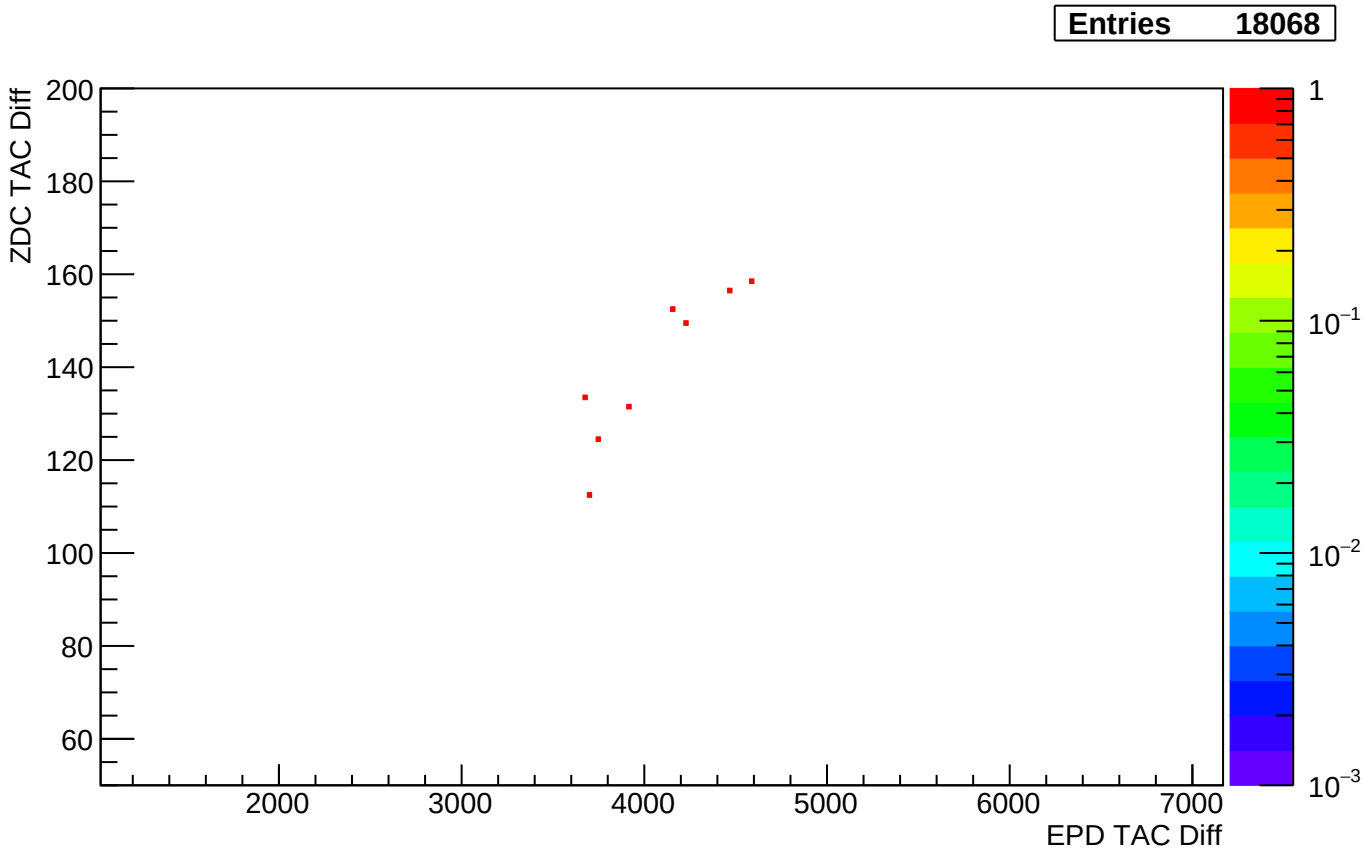

Entries 18068
TOF-Mult
BBC-S-West ADC Sum

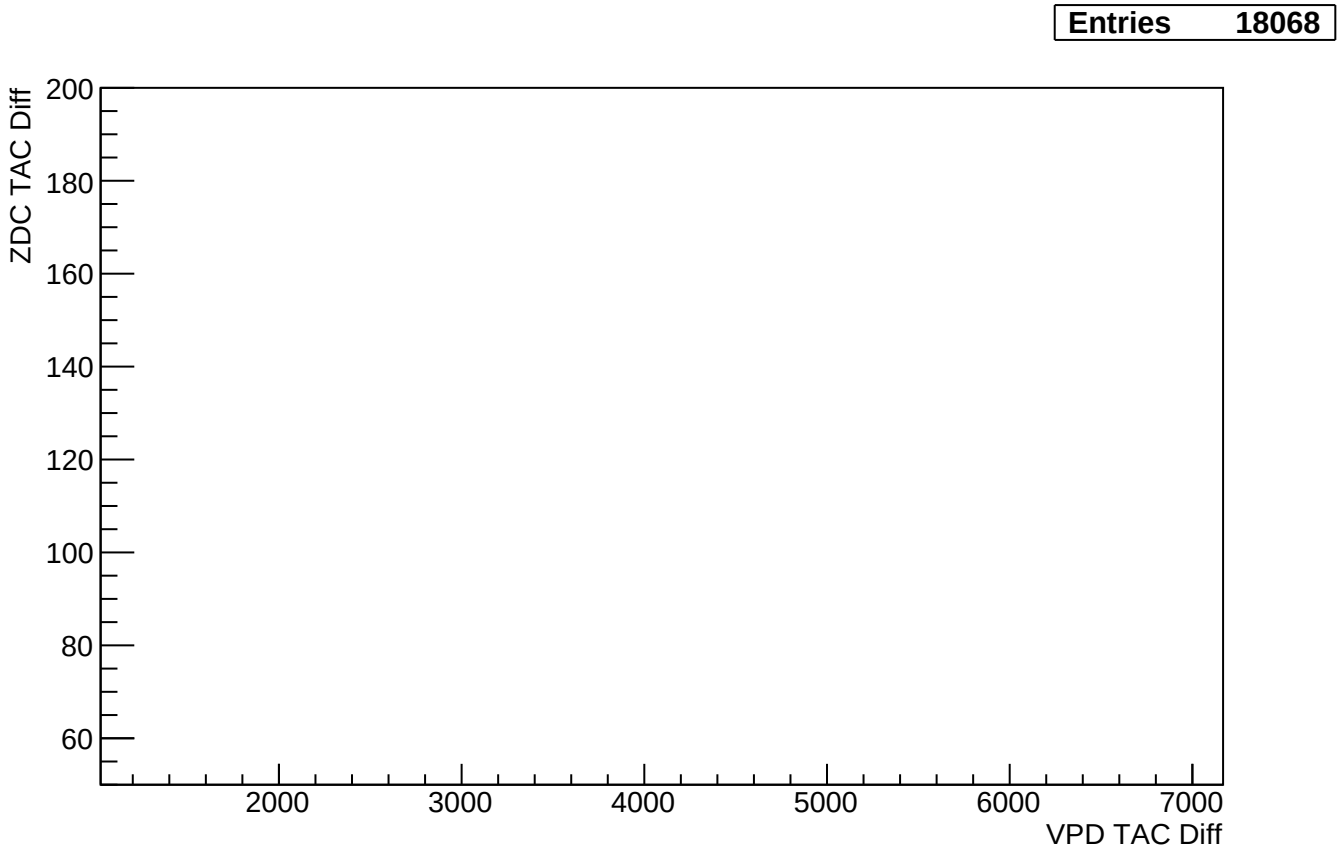

Entries 18068
TOF-Mult
EPD-East Hit Cnt

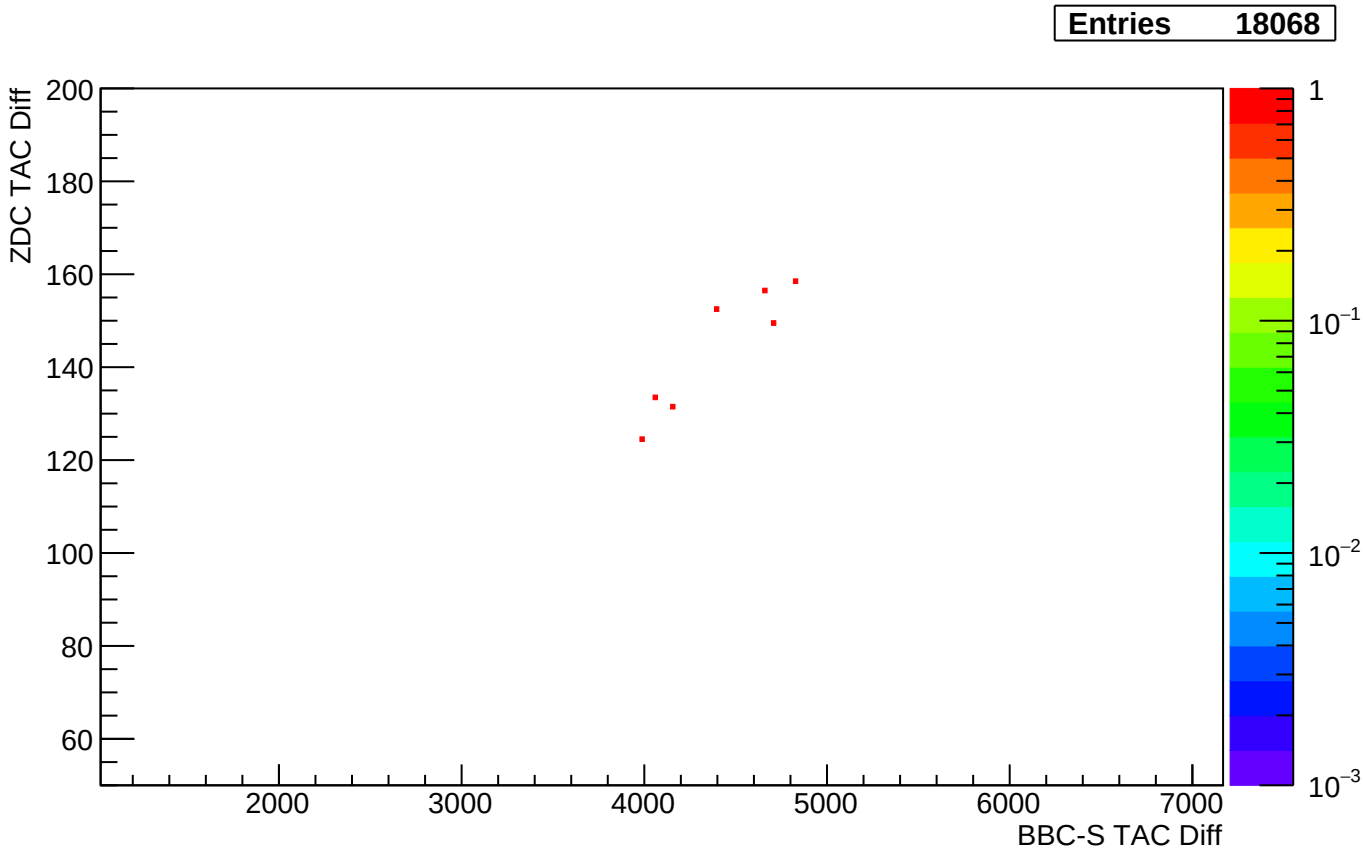

Entries 18068
TOF-Mult
EPD-West Hit Cnt

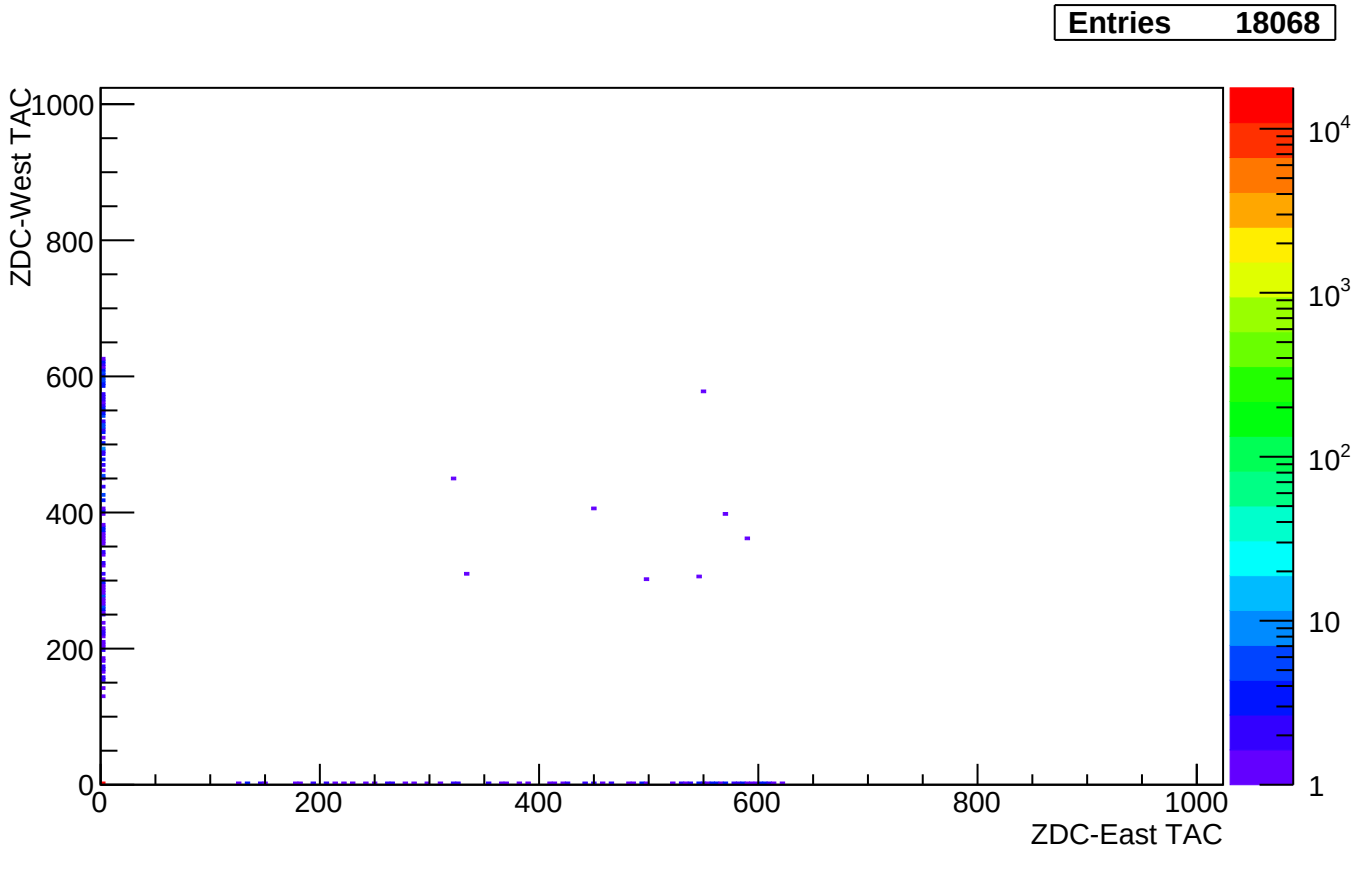

Entries 18068
TOF-Mult
VPD-East ADC Sum

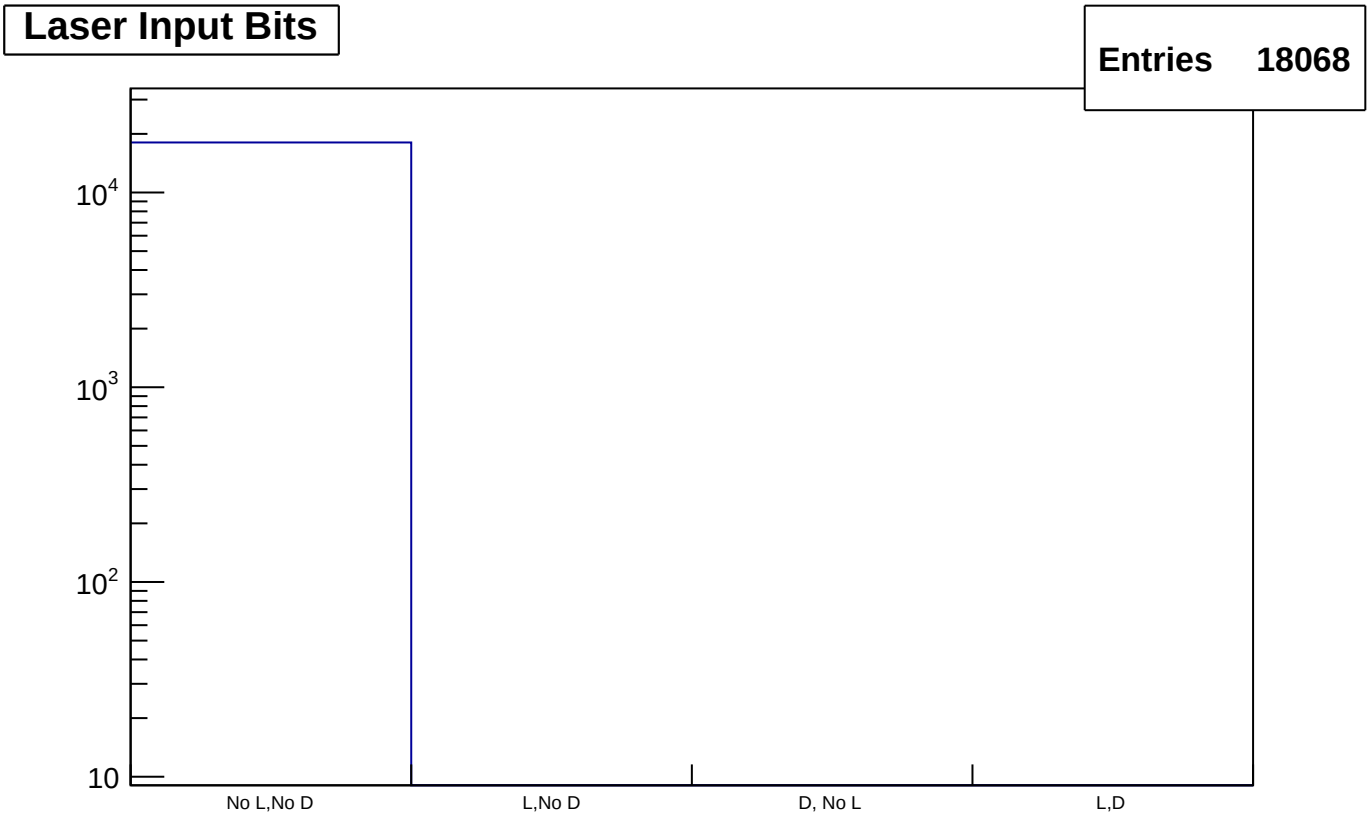

Entries 18068
TOF-Mult
VPD-West ADC Sum

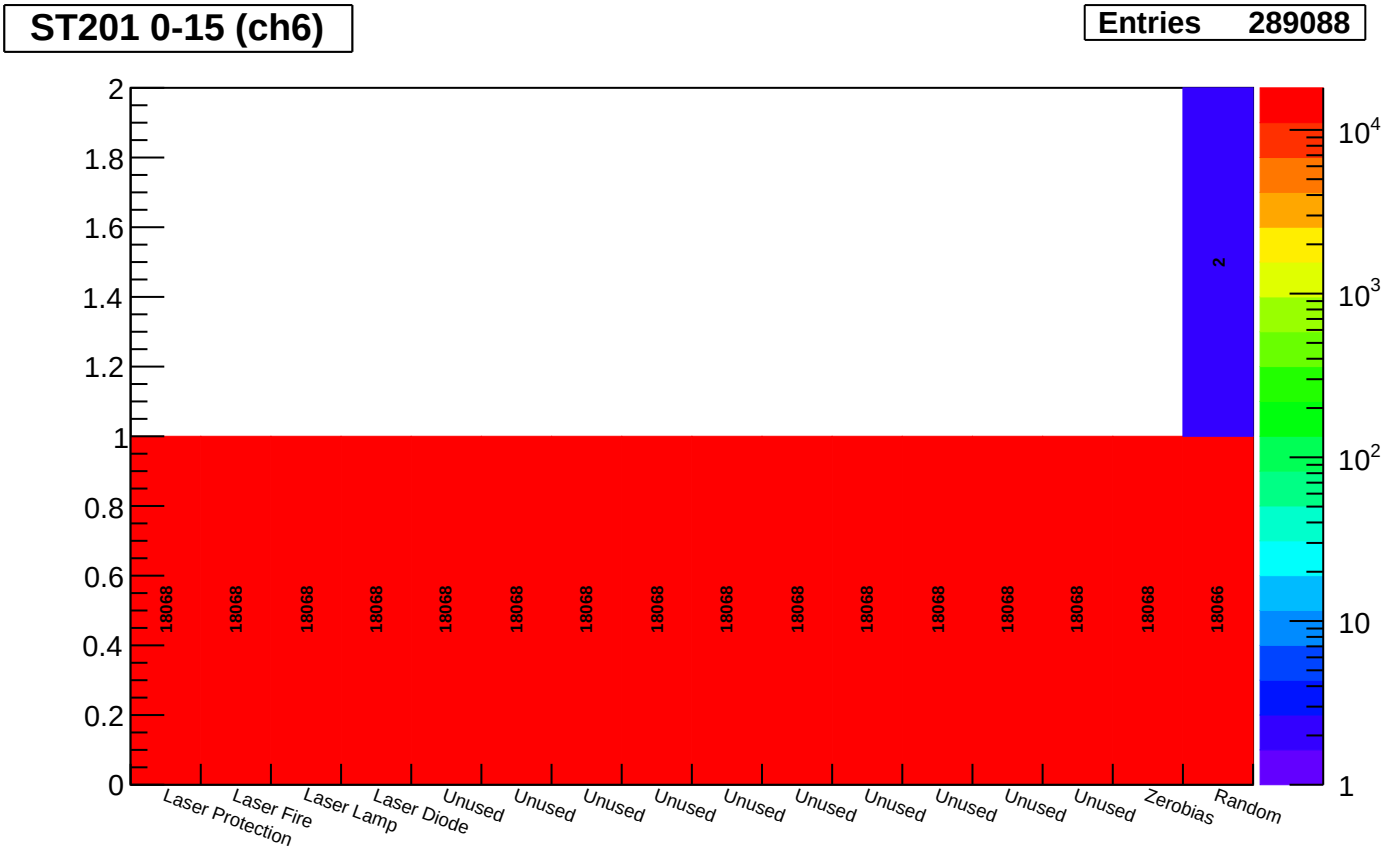

Entries 18068
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

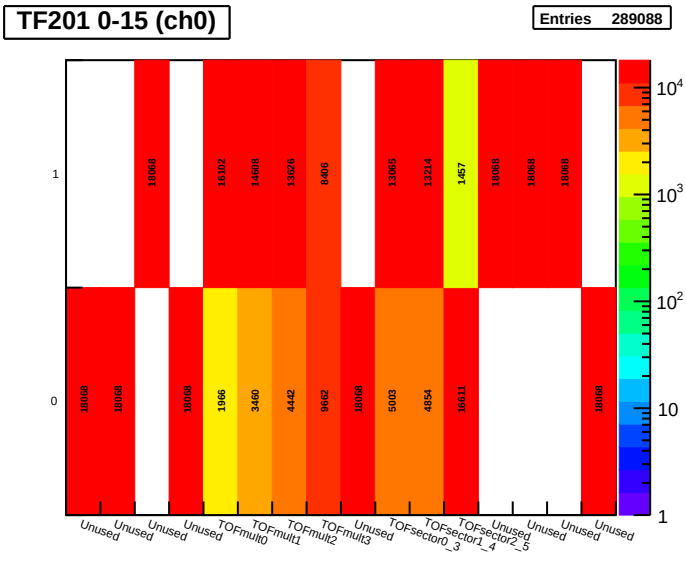

Entries 18068
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

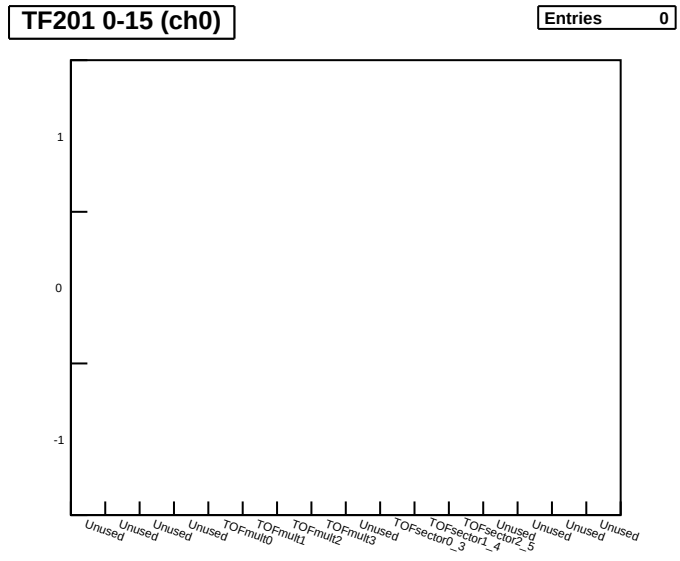

Entries 18068
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

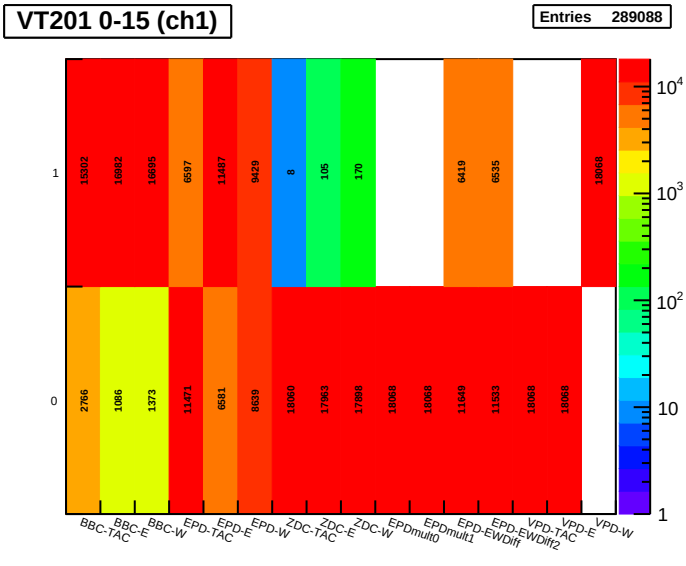

Entries 18068
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

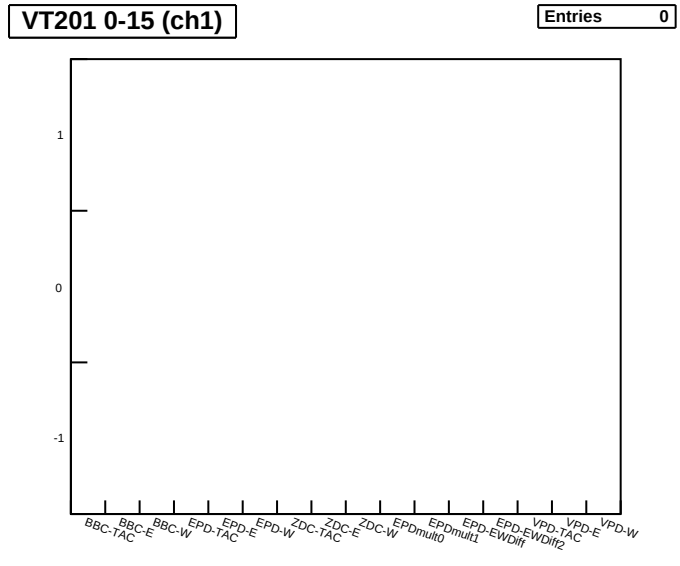

Laser Input Bits
Entries 18068
10^4
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

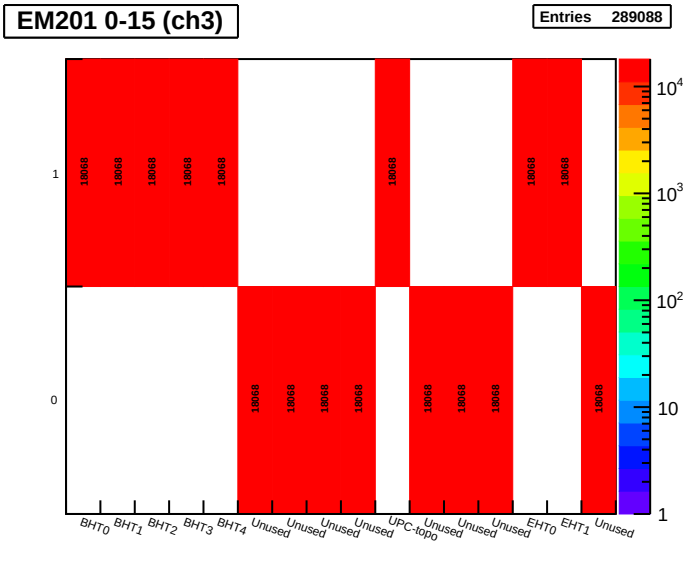

ST201 0-15 (ch6)
Entries 289088
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
18068
18066
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^4
10^3
10^2
10
1

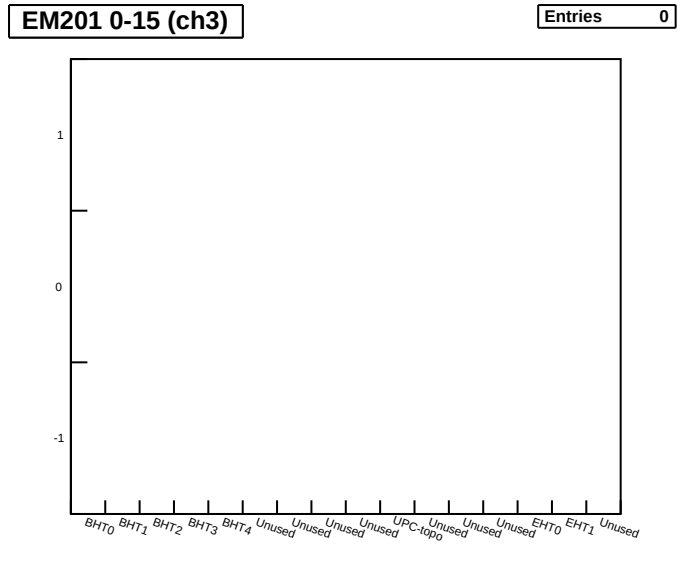

TF201 0-15 (ch0)
Entries 289088
1
0
18068 16102 14608 13626 8406 13065 13214 1457 18068 18068 18068
18068 18068 18068 1966 3460 4442 9662 18068 5003 4854 16611 18068
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^4
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


VT201 0-15 (ch1)
Entries 289088
1
0
15302 16982 16695 6597 11487 9429 8 105 170 6419 6535 18068
2766 1086 1373 11471 6581 8639 18060 17963 17898 18068 18068 11649 11533 18068 18068
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 289088
1
0
18068 18068 18068 18068 18068 18068 18068 18068
18068 18068 18068 18068 18068 18068 18068 18068
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