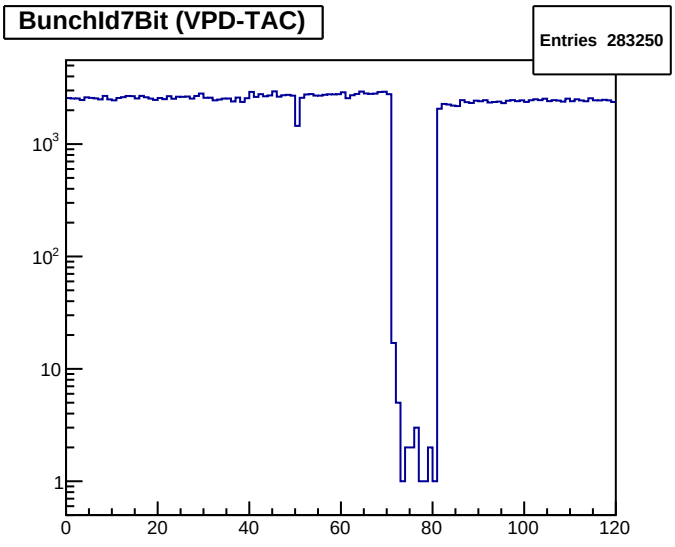
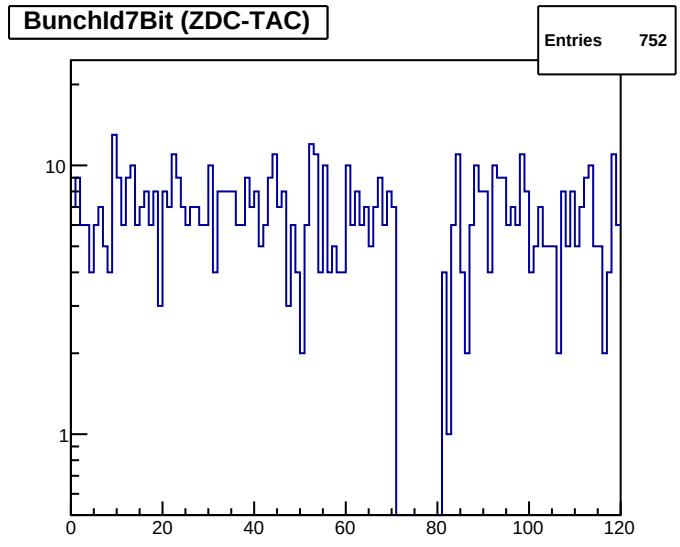
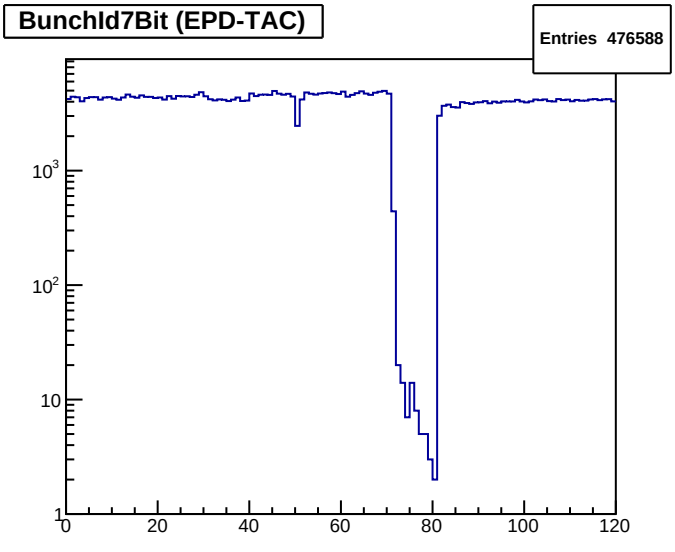
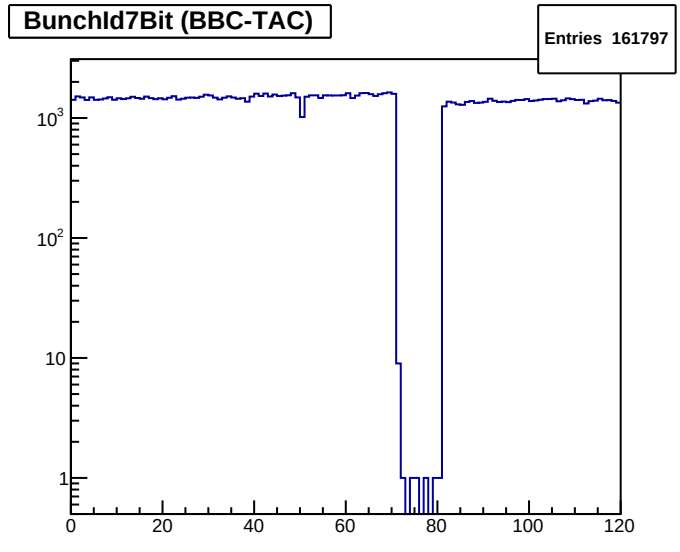
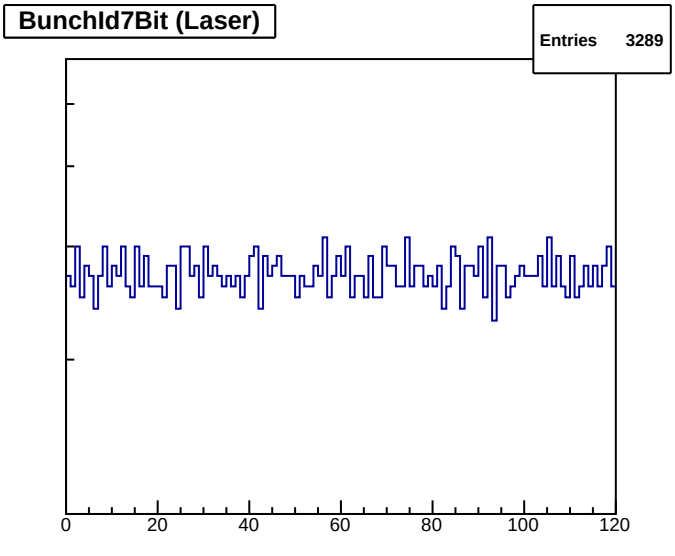
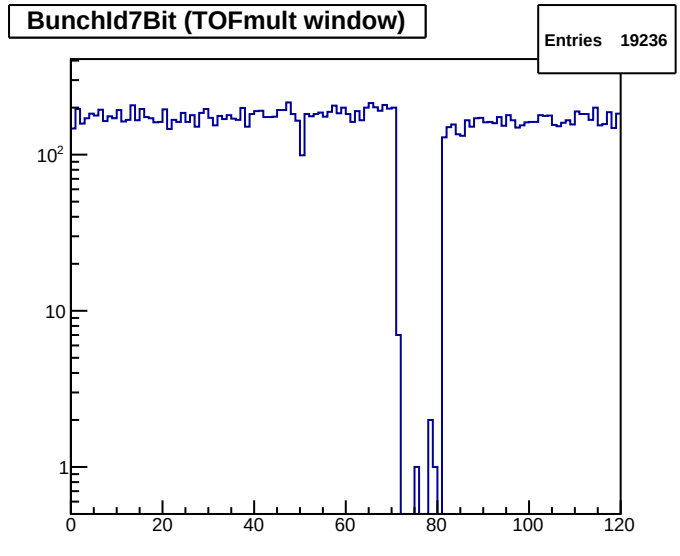

BunchId7Bit (VPD-TAC)
Entries 283250
10^3
10^2
10
1
0
20
40
60
80
100
120

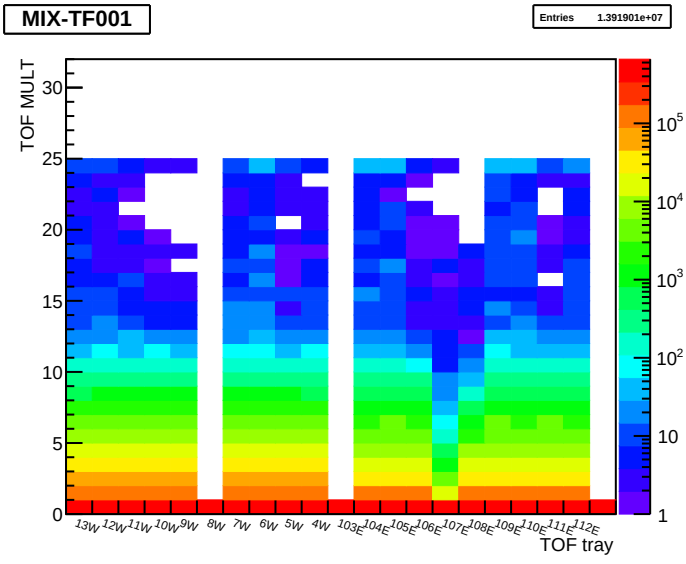

BunchId7Bit (ZDC-TAC)
Entries 752
10
1
0
20
40
60
80
100
120

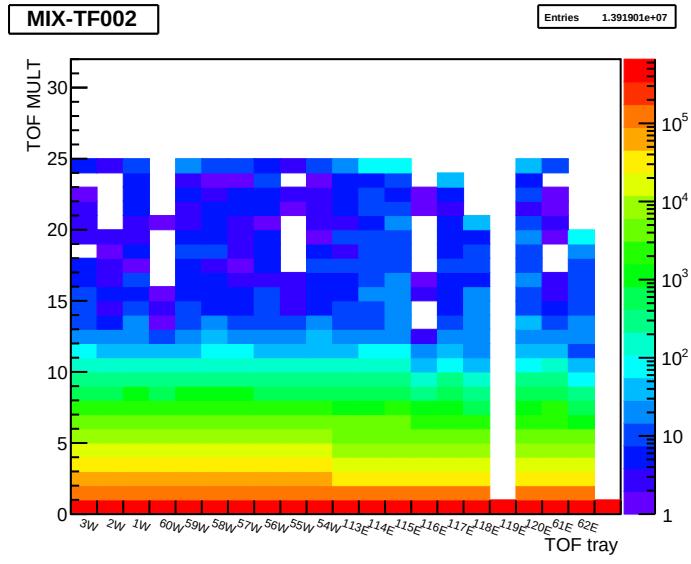

BunchId7Bit (EPD-TAC)
Entries 476588
10^3
10^2
10
1
0
20
40
60
80
100
120

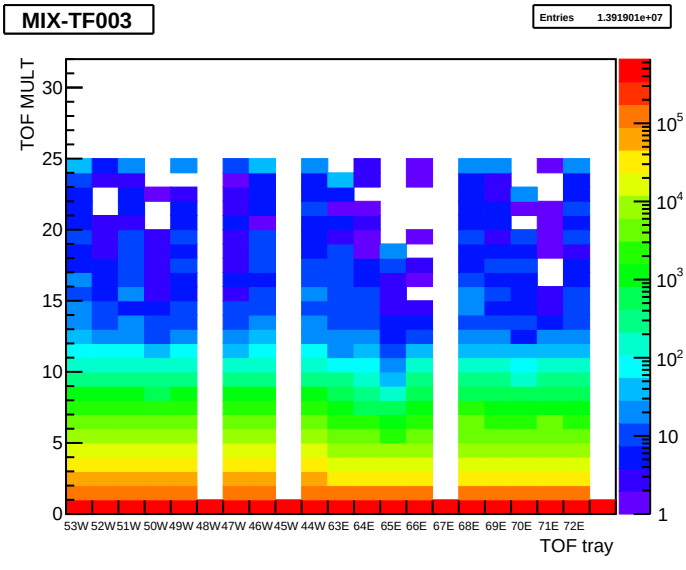

BunchId7Bit (BBC-TAC)
Entries 161797
10^3
10^2
10
1
0
20
40
60
80
100
120

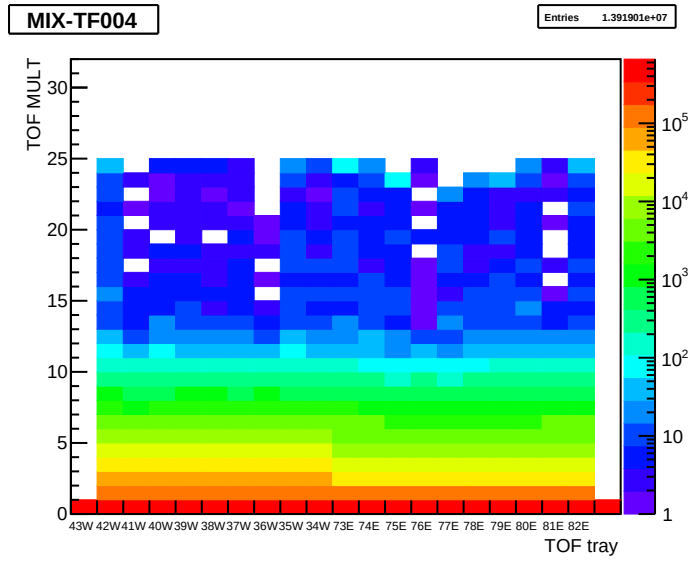

BunchId7Bit (Laser)
Entries 3289
0
20
40
60
80
100
120

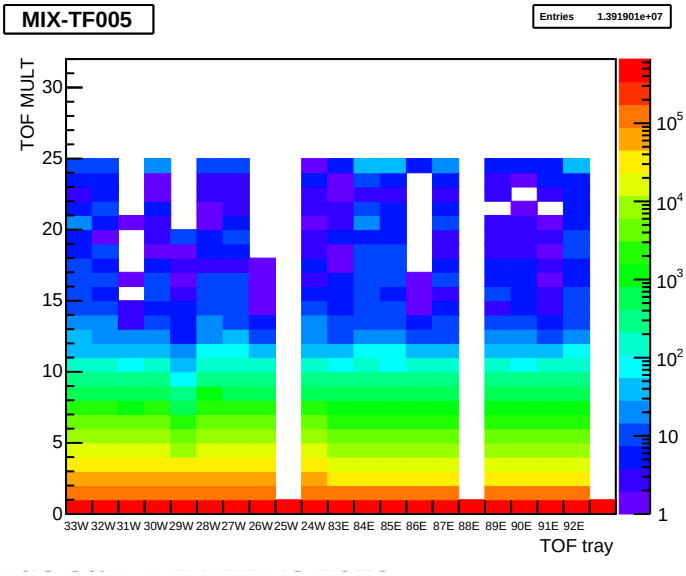

BunchId7Bit (TOFmult window)
Entries 19236
10^2
10
1
0
20
40
60
80
100
120

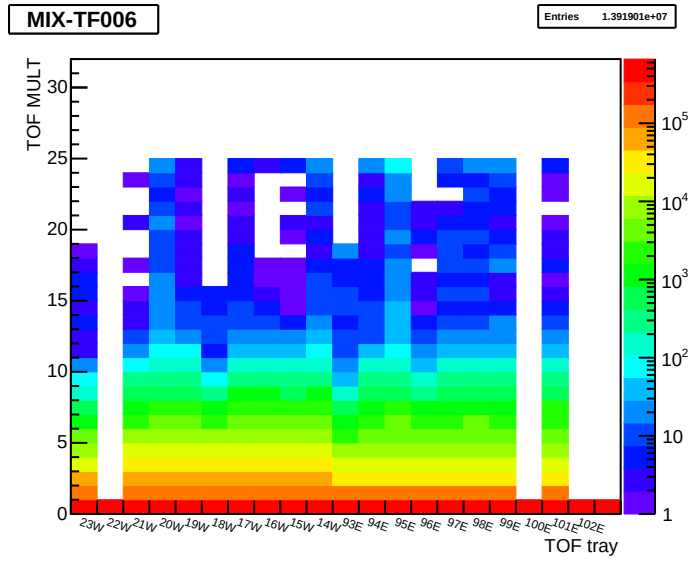

MIX-TF001
Entries 1.391901e+07
TOF MULT
TOF tray

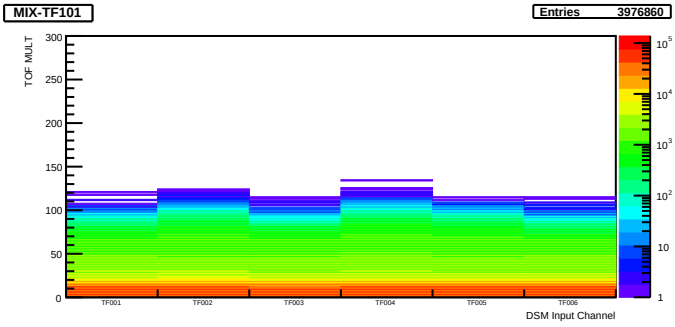

MIX-TF002
Entries 1.391901e+07
TOF MULT
TOF tray

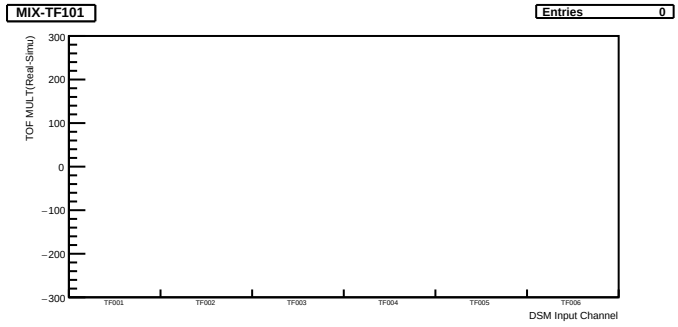

MIX-TF003
Entries 1.391901e+07
TOF MULT
TOF tray

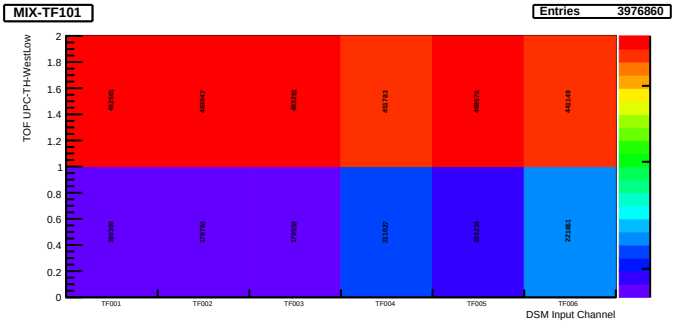

MIX-TF004
Entries 1.391901e+07
TOF MULT
TOF tray

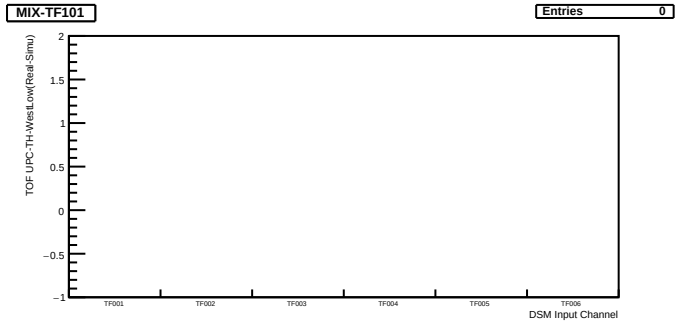

MIX-TF005
Entries 1.391901e+07
TOF MULT
TOF tray

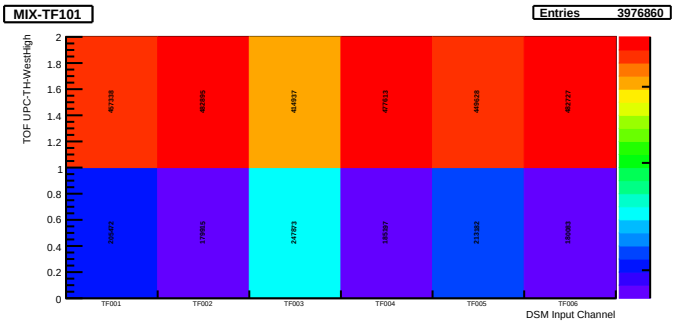

MIX-TF006
Entries 1.391901e+07
TOF MULT
TOF tray

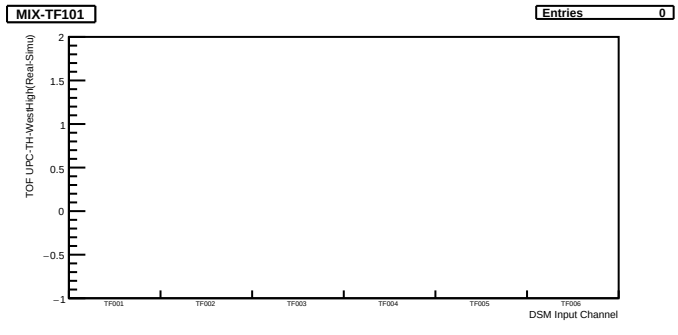

MIX-TF101
Entries 3976860
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

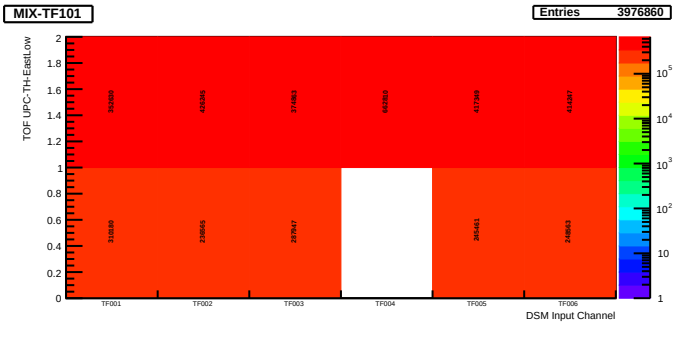

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

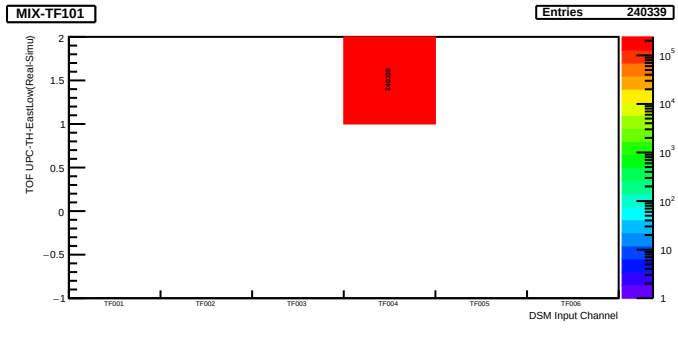

MIX-TF101
Entries 3976860
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

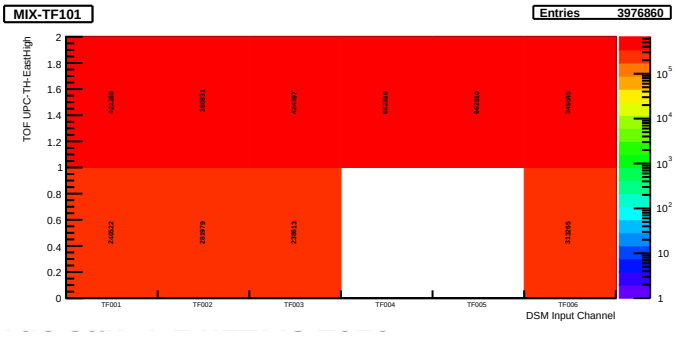

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

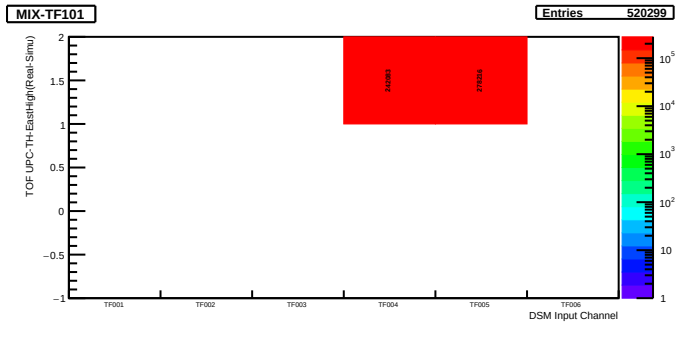

MIX-TF101
Entries 3976860
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

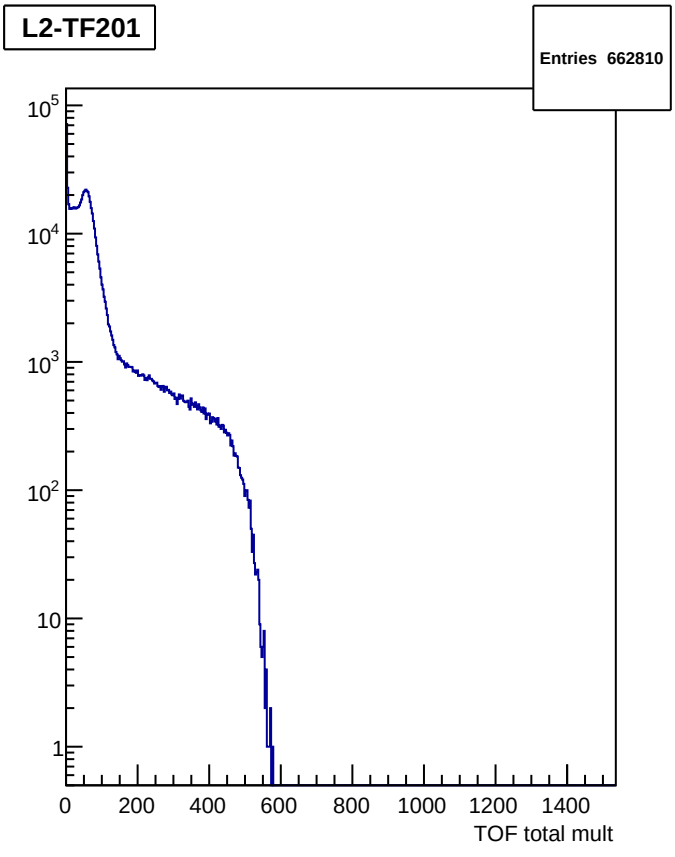

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

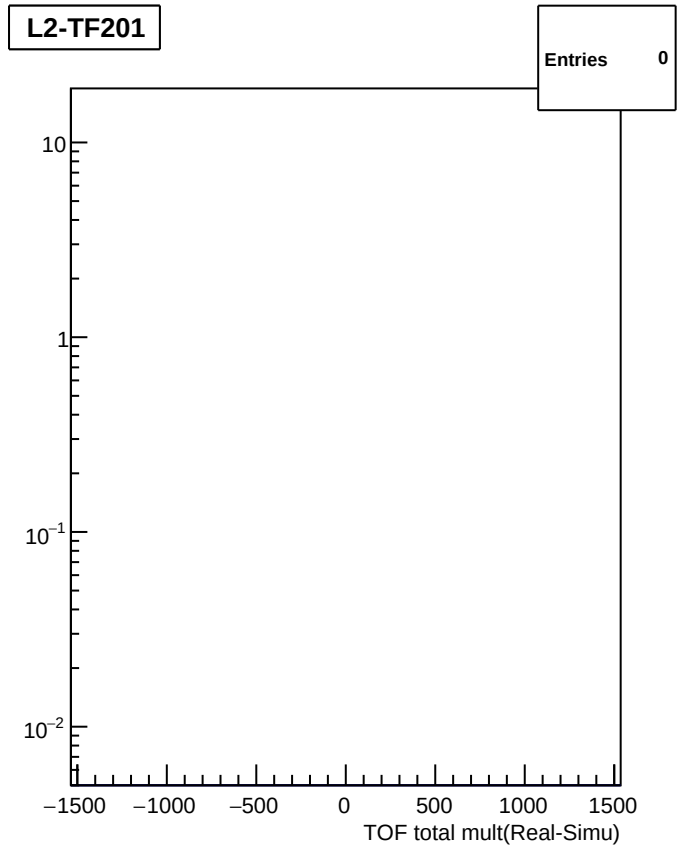

MIX-TF101
Entries 3976860
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

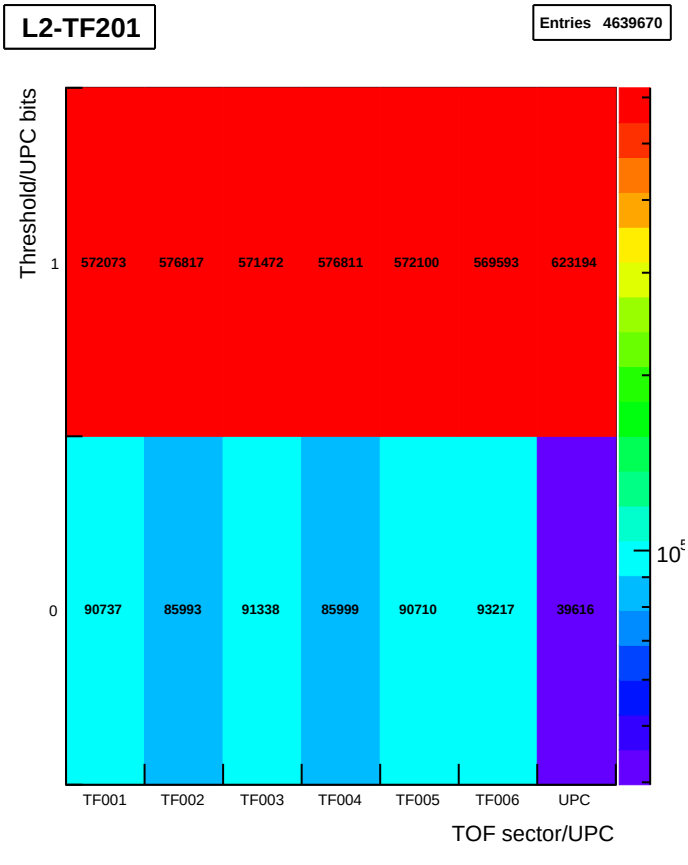

MIX-TF101
Entries 240339
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

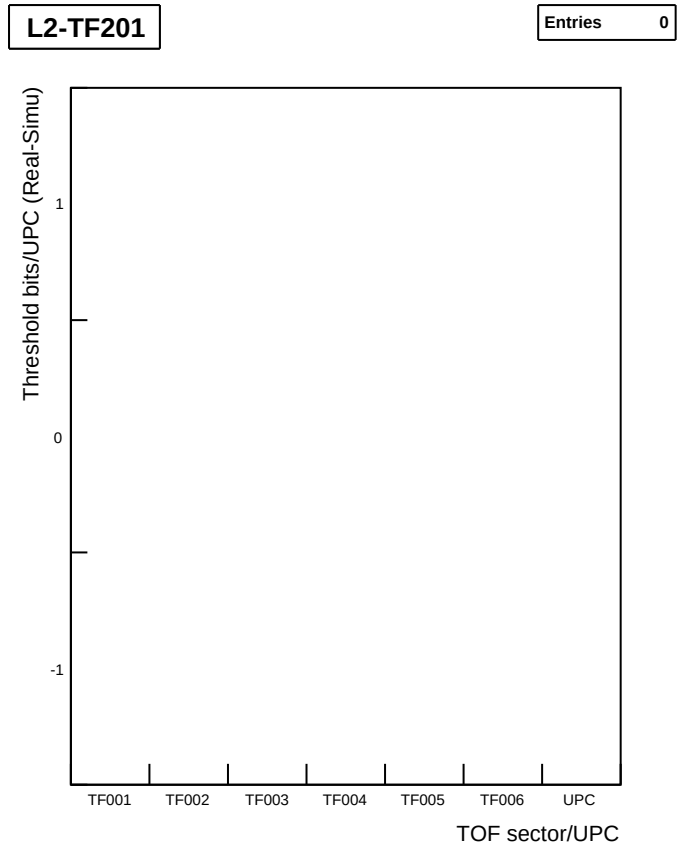

MIX-TF101
Entries 3976860
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

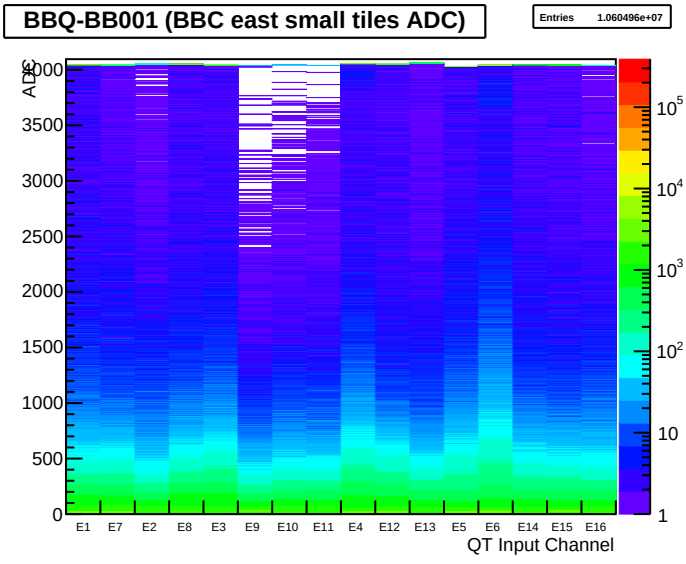

MIX-TF101
Entries 520299
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

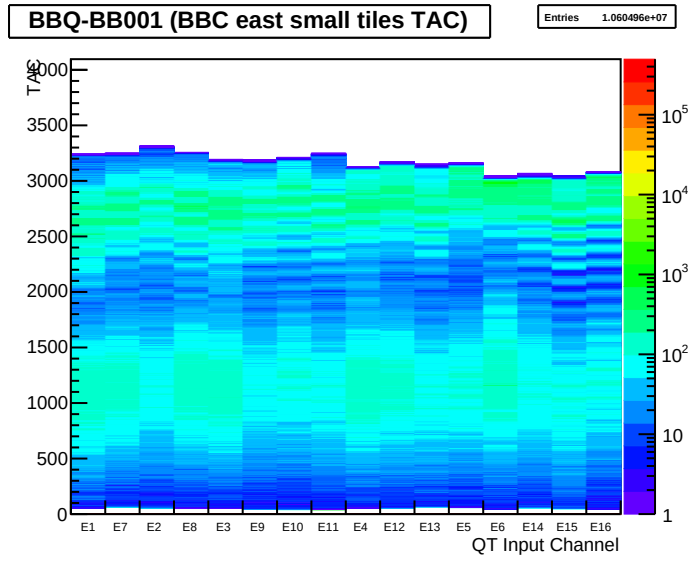

L2-TF201
Entries 662810
TOF total mult

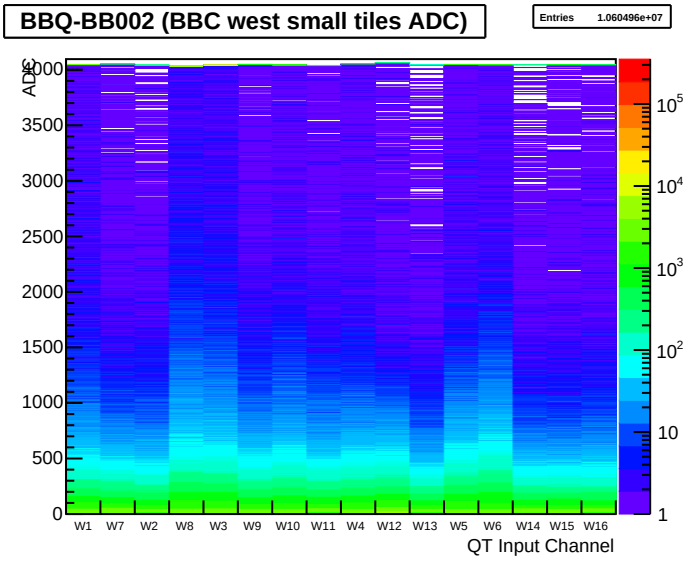

L2-TF201
Entries 0
TOF total mult(Real-Simu)

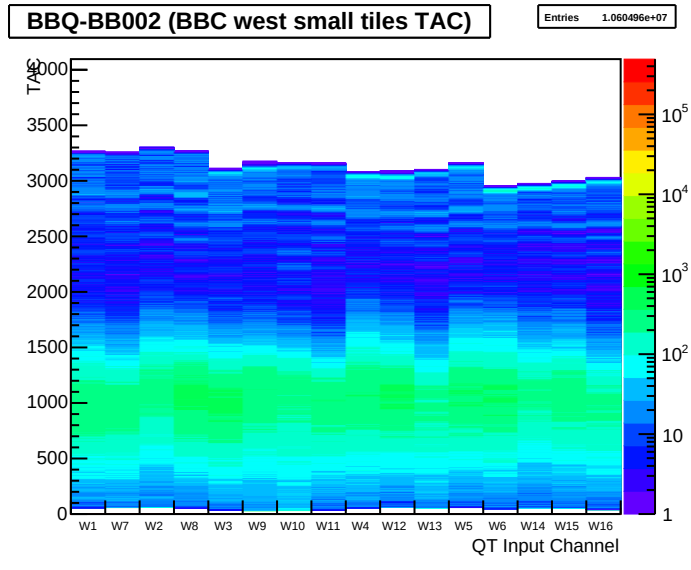

L2-TF201
Entries 4639670
Threshold/UPC bits
572073 576817 571472 576811 572100 569593 623194
90737 85993 91338 85999 90710 93217 39616
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

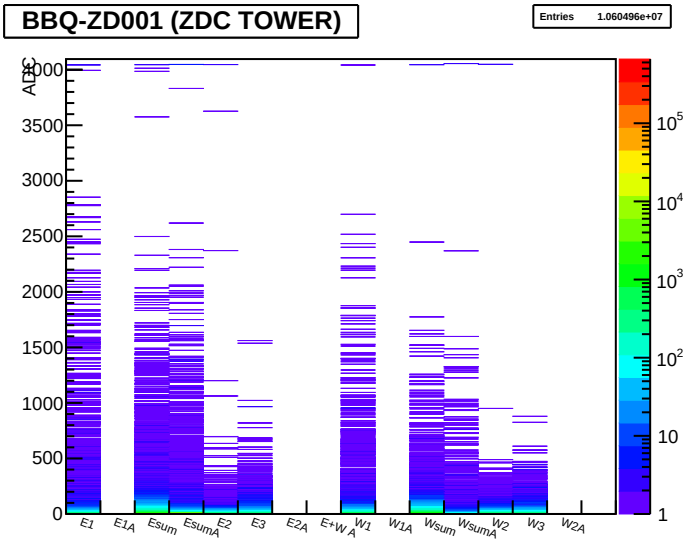

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

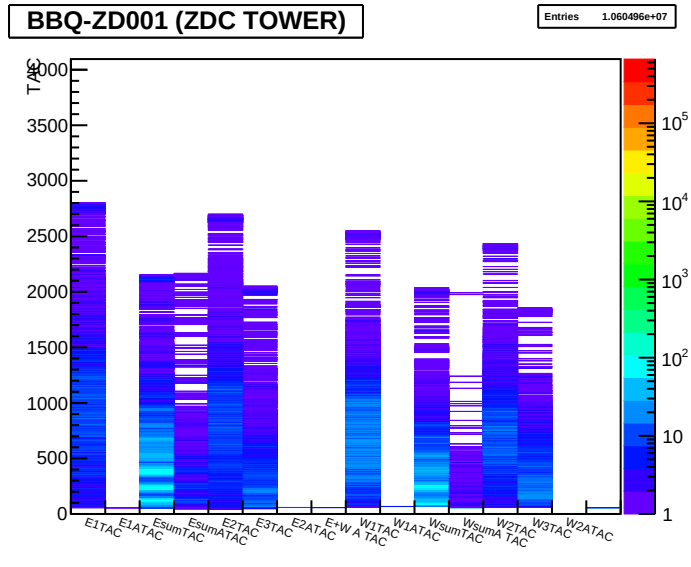

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.060496e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

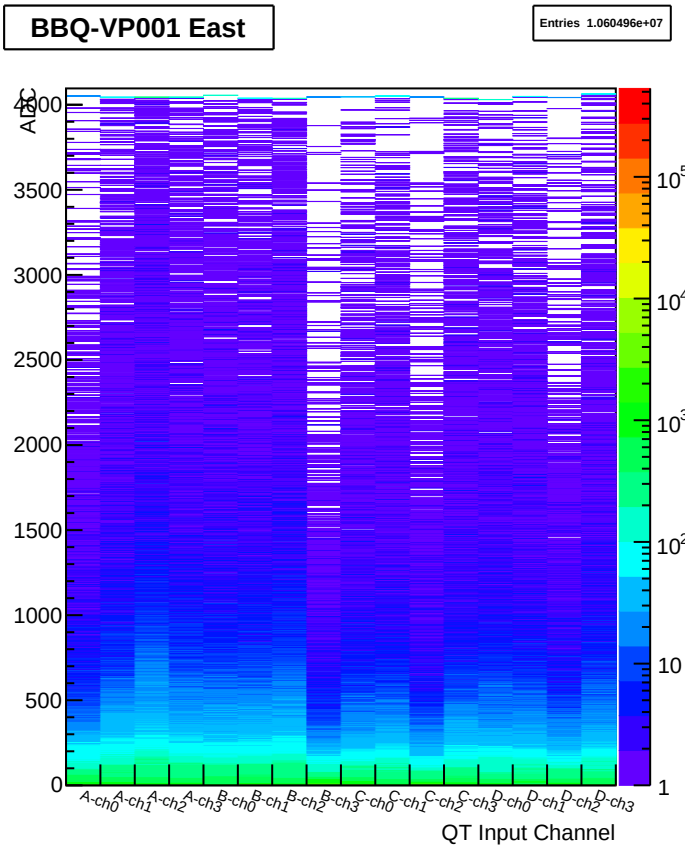

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.060496e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

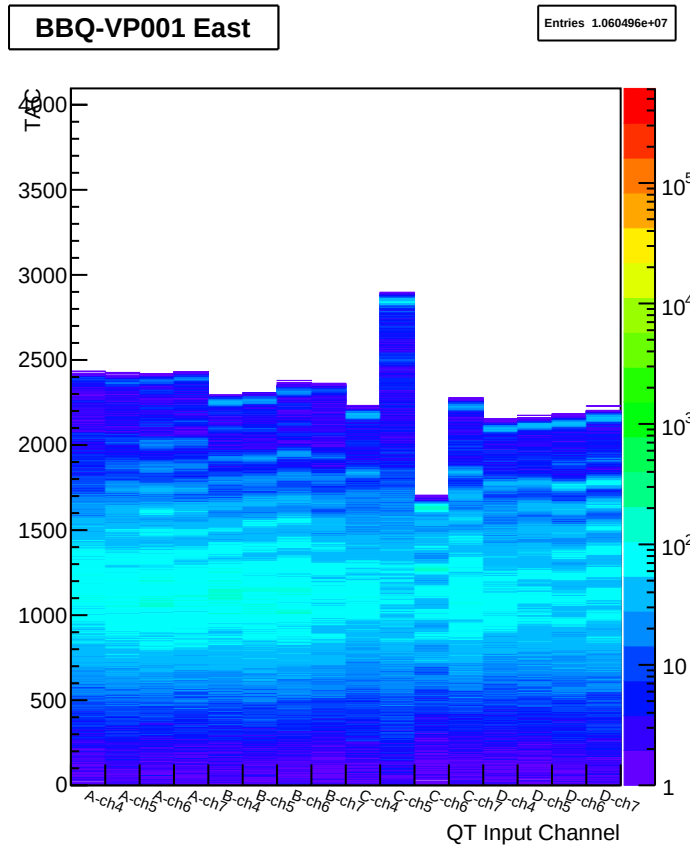

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.060496e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

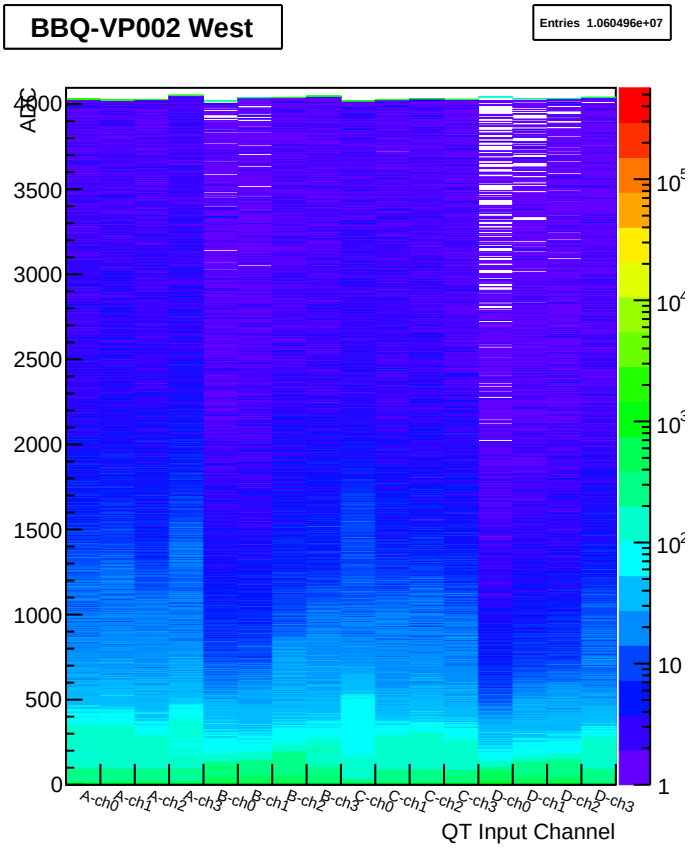

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.060496e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

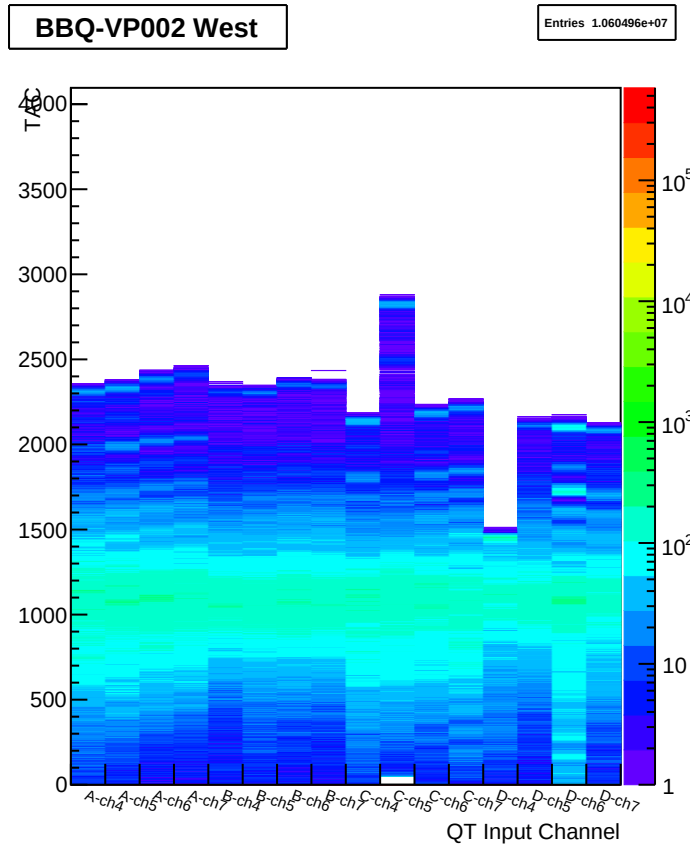

BBQ-ZD001 (ZDC TOWER)
Entries 1.060496e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

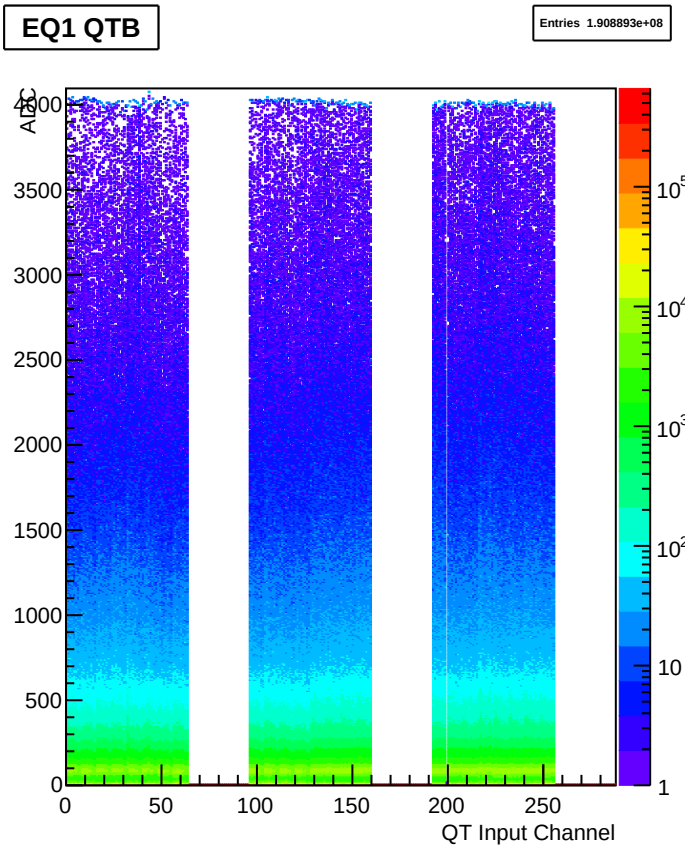

BBQ-ZD001 (ZDC TOWER)
Entries 1.060496e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

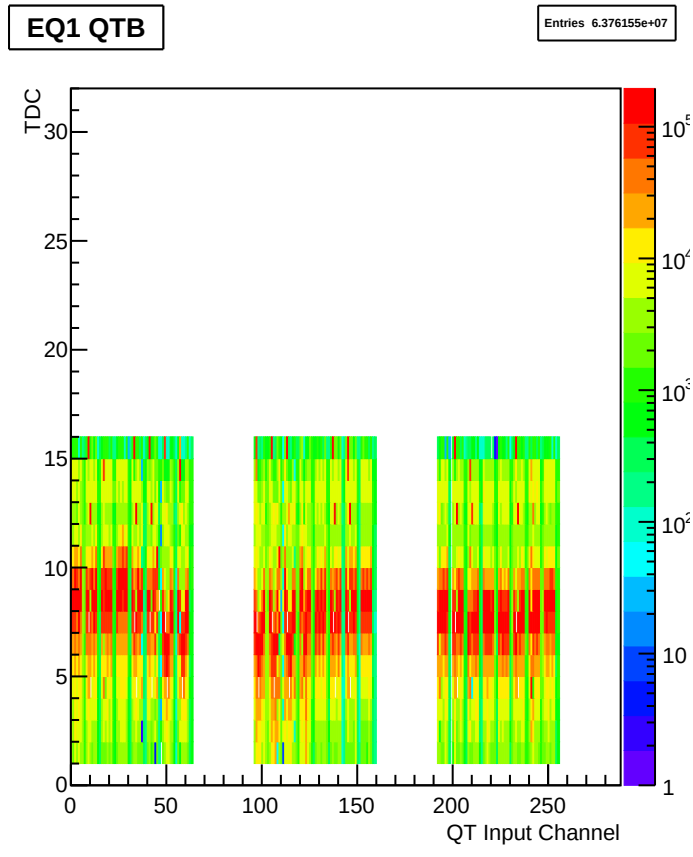

BBQ-VP001 East
Entries 1.060496e+07
ADC
QT Input Channel

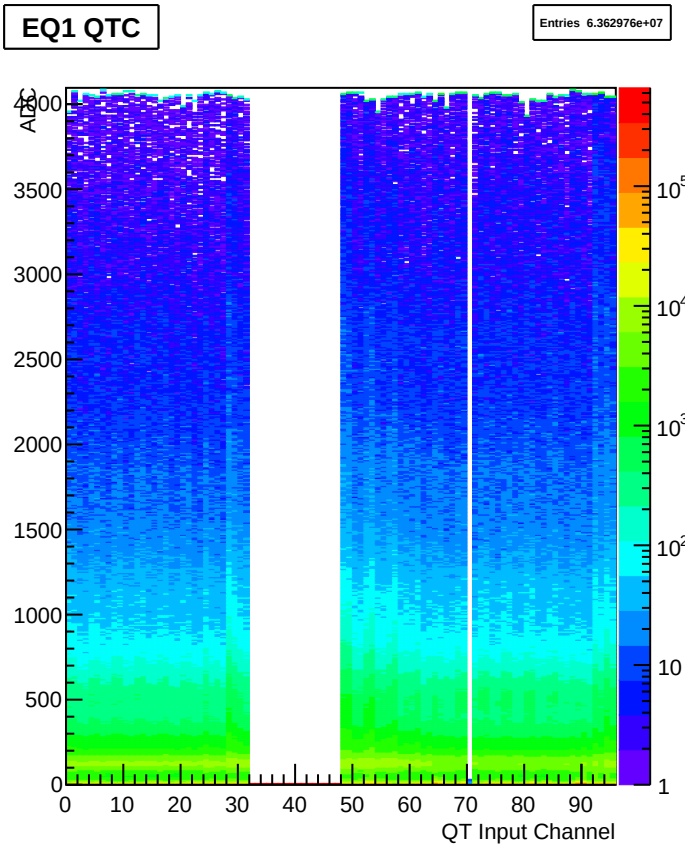

BBQ-VP001 East
Entries 1.060496e+07
TADC
QT Input Channel

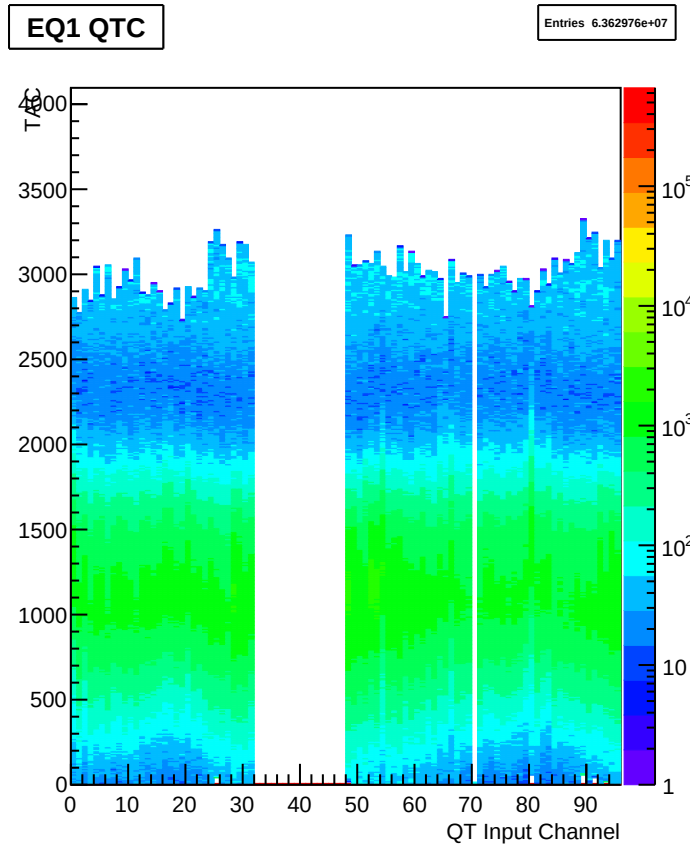

BBQ-VP002 West
Entries 1.060496e+07
ADC
QT Input Channel

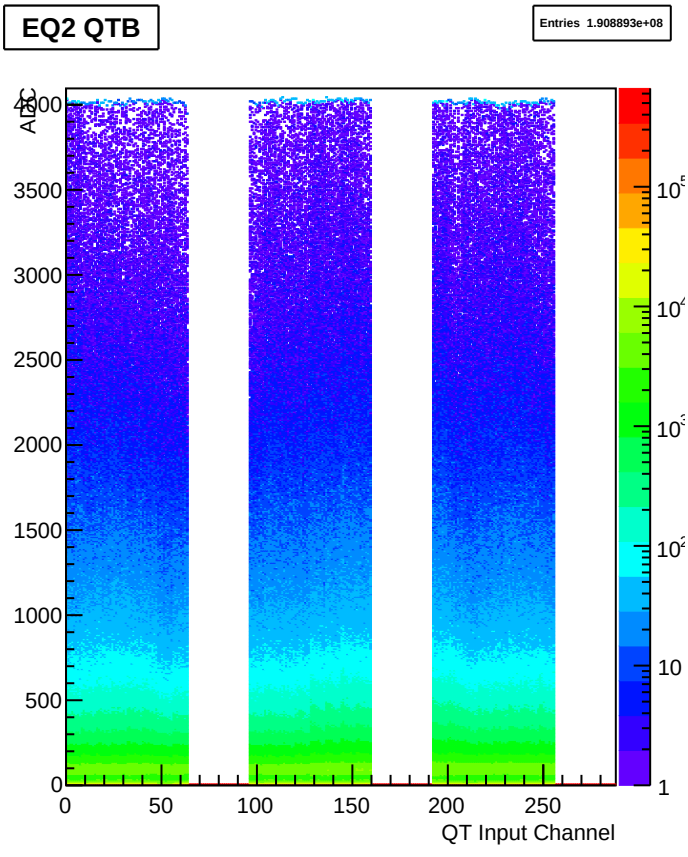

BBQ-VP002 West
Entries 1.060496e+07
TADC
QT Input Channel

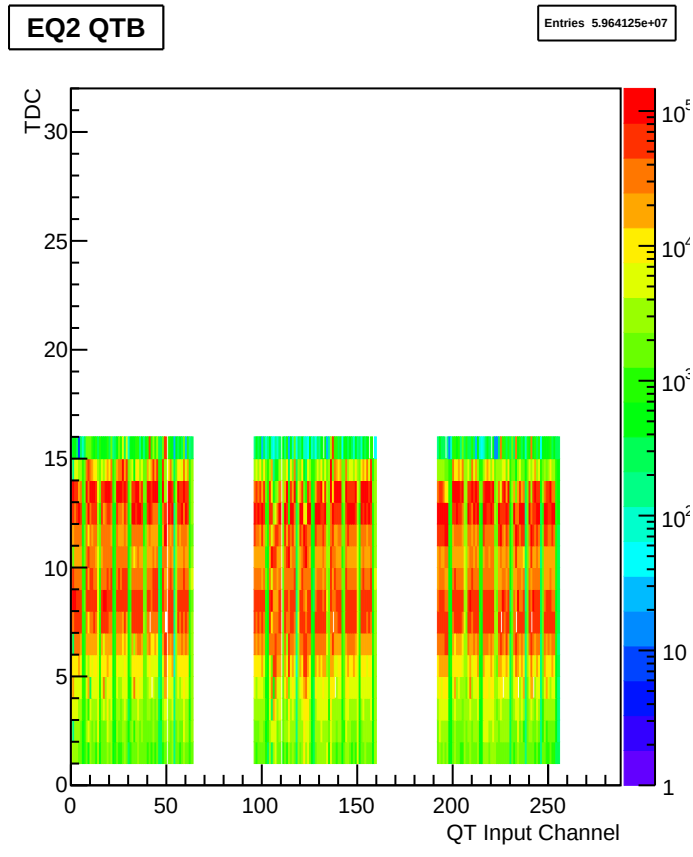

EQ1 QTB
Entries 1.908893e+08
ADC
QT Input Channel

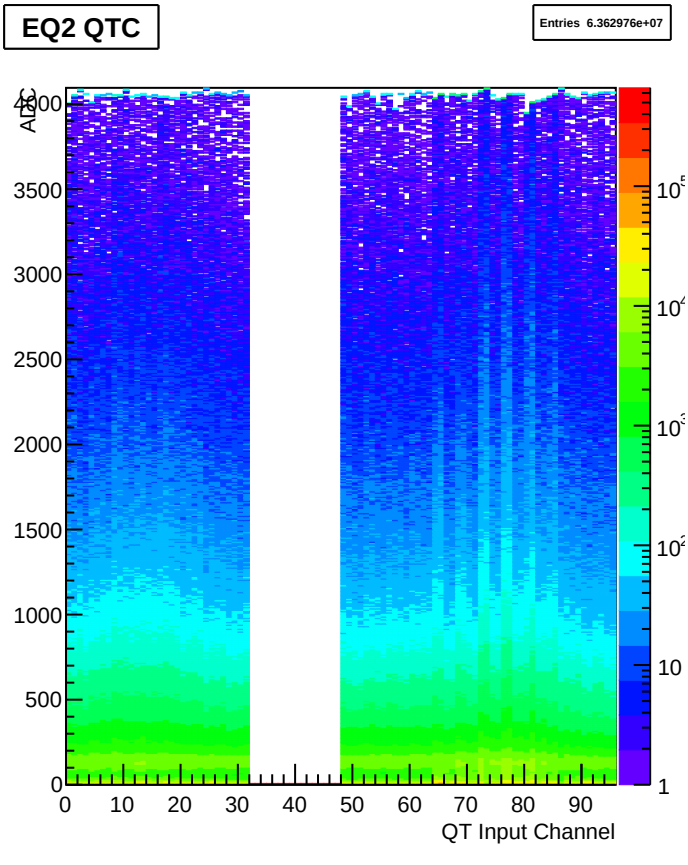

EQ1 QTB
Entries 6.376155e+07
TDC
QT Input Channel

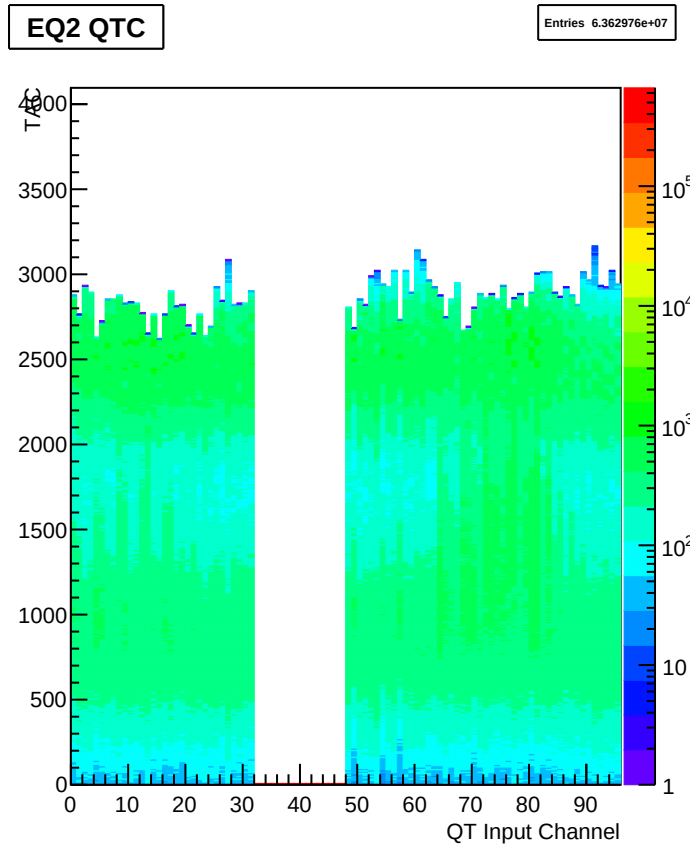

EQ1 QTC
Entries 6.362976e+07
ADC
QT Input Channel

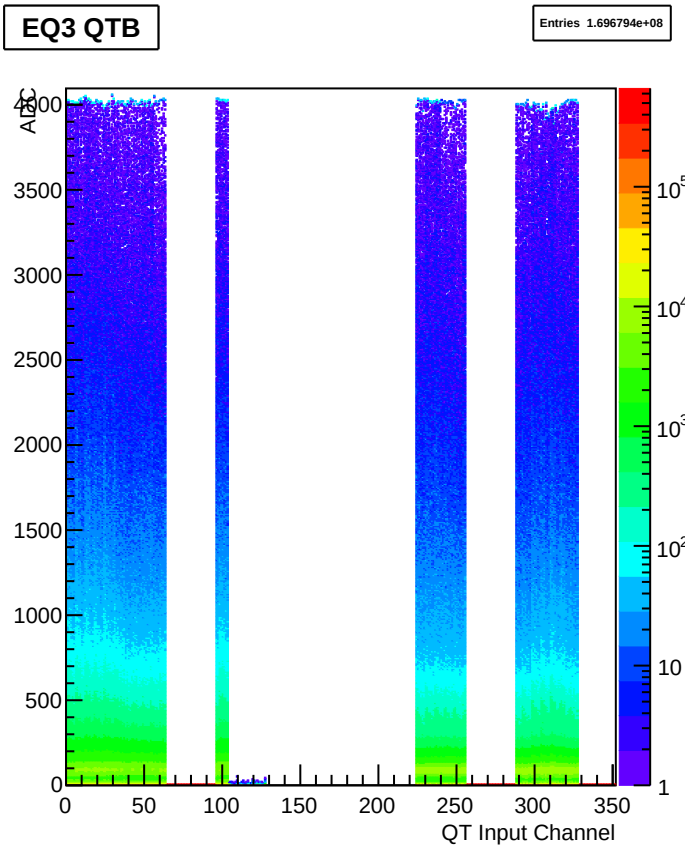

EQ1 QTC
Entries 6.362976e+07
TADC
QT Input Channel

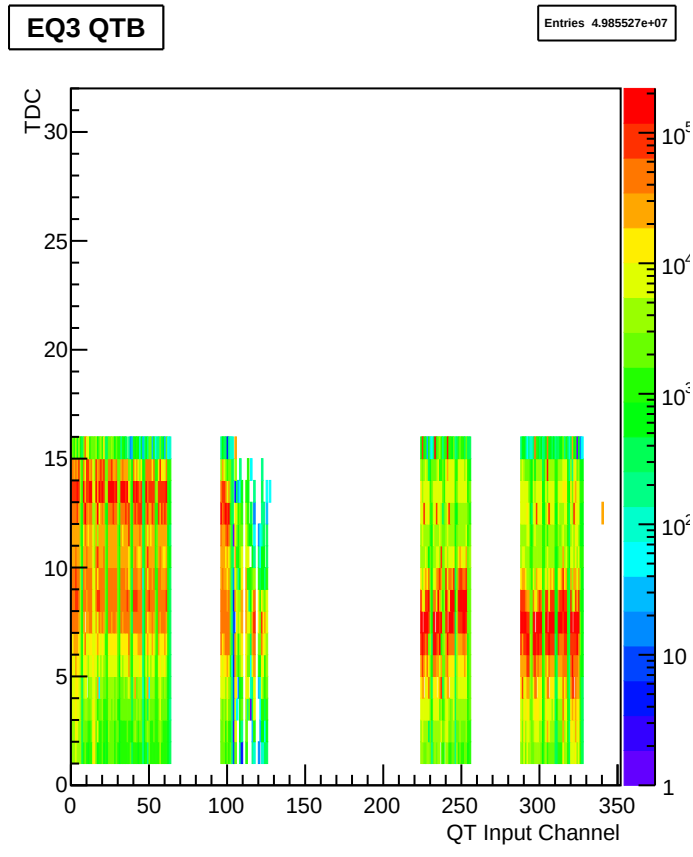

EQ2 QTB
Entries 1.908893e+08
ADC
QT Input Channel

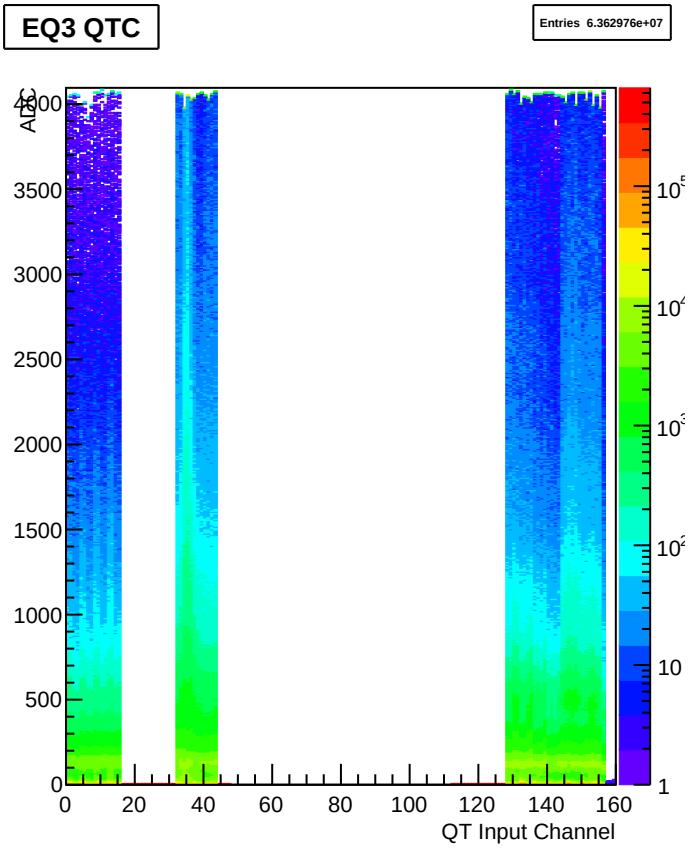

EQ2 QTB
Entries 5.964125e+07
TDC
QT Input Channel

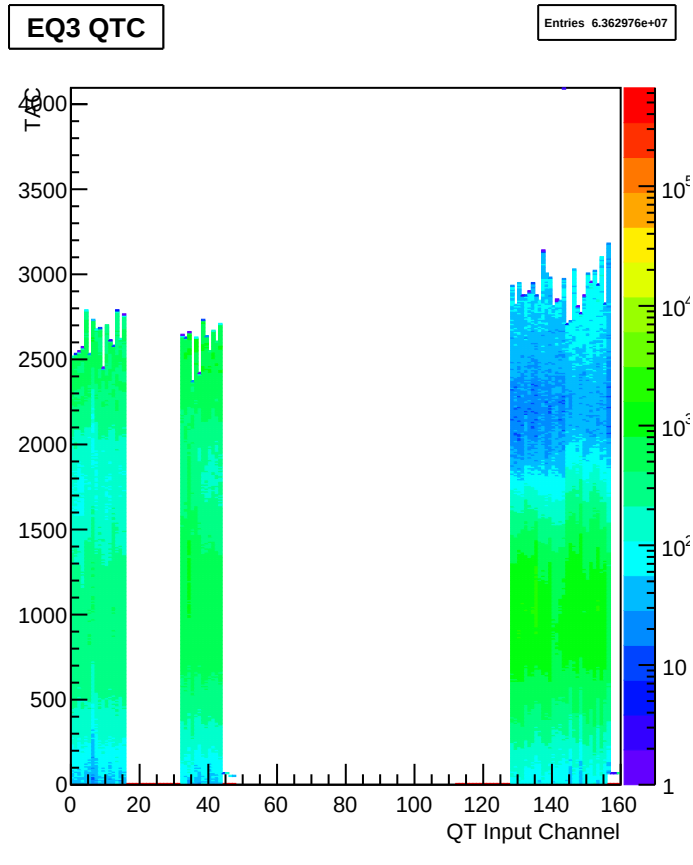

EQ2 QTC
Entries 6.362976e+07
ADC
QT Input Channel

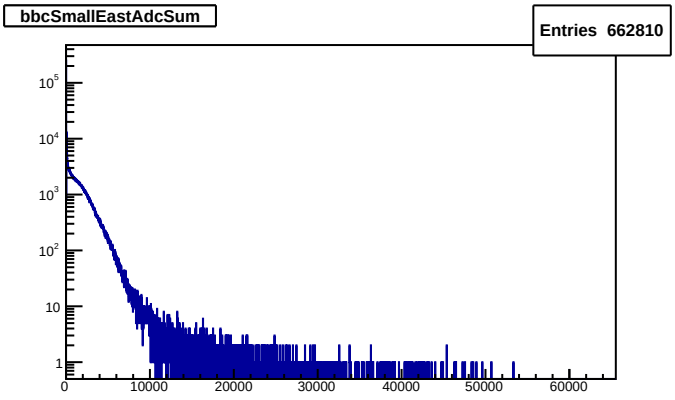

EQ2 QTC
Entries 6.362976e+07
TADC
QT Input Channel

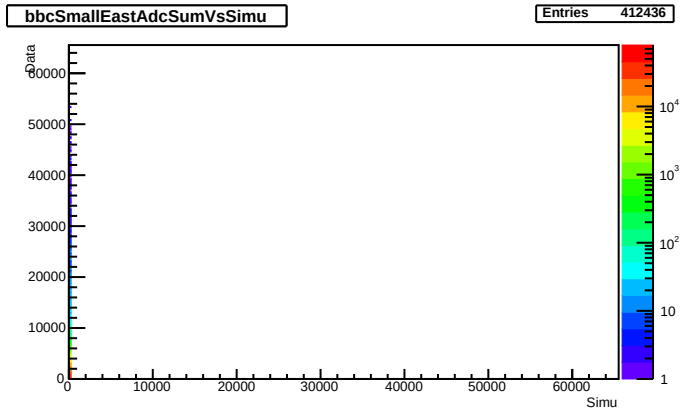

EQ3 QTB
Entries 1.696794e+08
ADC
QT Input Channel

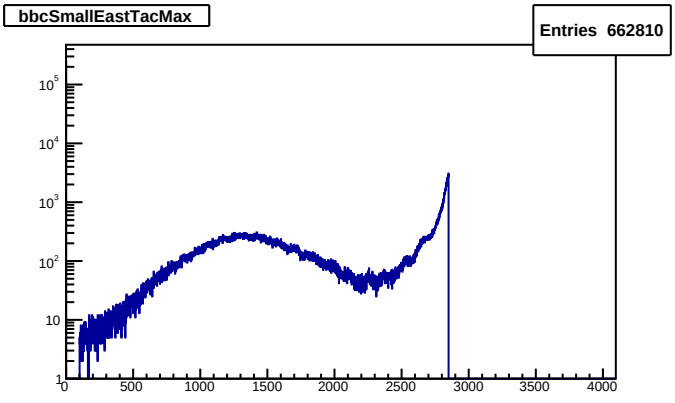

EQ3 QTB
Entries 4.985527e+07
TDC
QT Input Channel

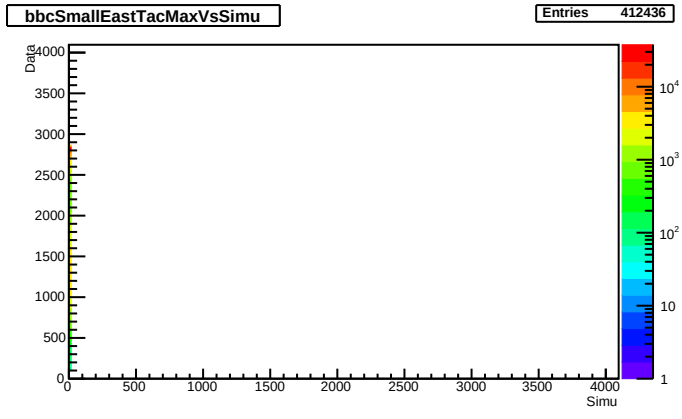

EQ3 QTC
Entries 6.362976e+07
ADC
QT Input Channel

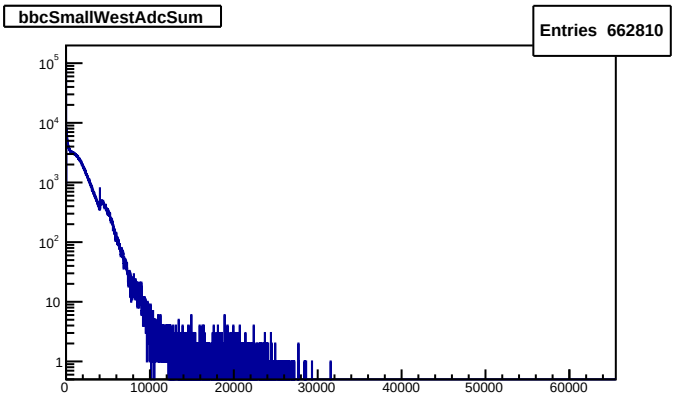

EQ3 QTC
Entries 6.362976e+07
TADC
QT Input Channel

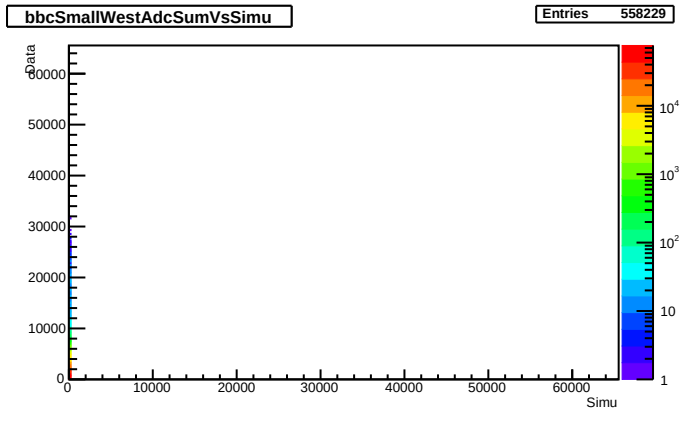

bbcSmallEastAdcSum
Entries 662810


bbcSmallEastAdcSumVsSimu
Entries 412436
Data
Simu


bbcSmallEastTacMax
Entries 662810


bbcSmallEastTacMaxVsSimu
Entries 412436
Data
Simu


bbcSmallWestAdcSum
Entries 662810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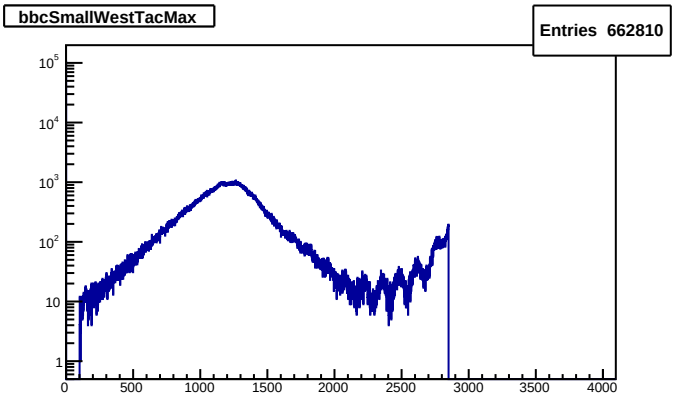
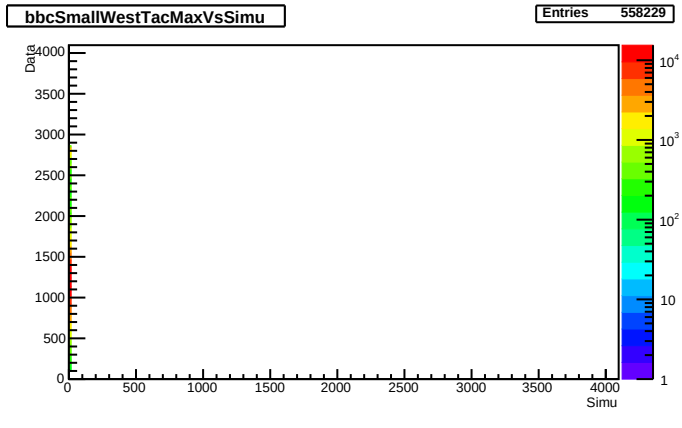
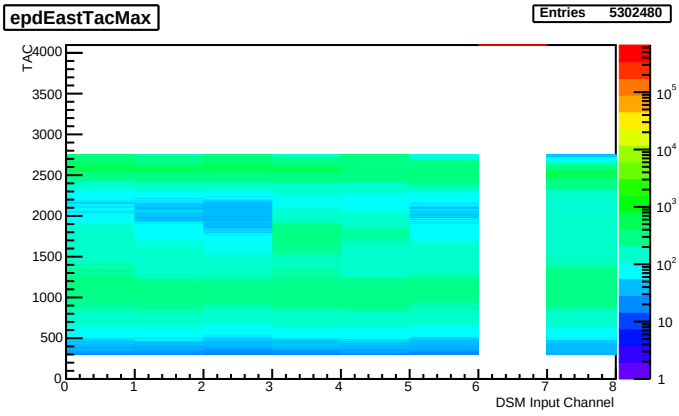
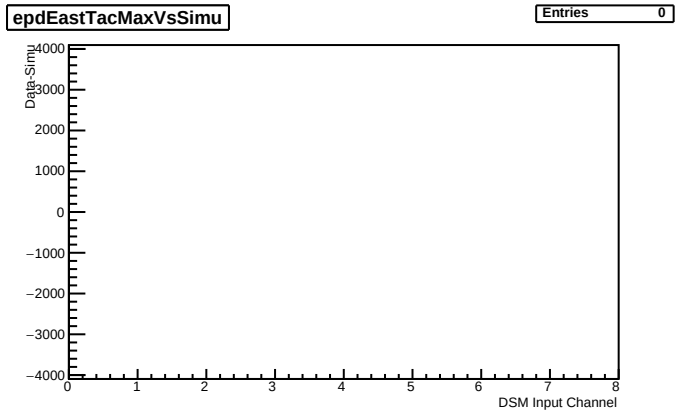
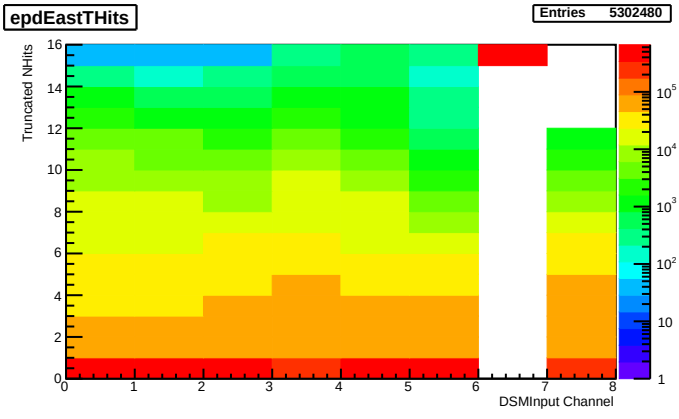
Entries 558229
Data
Simu

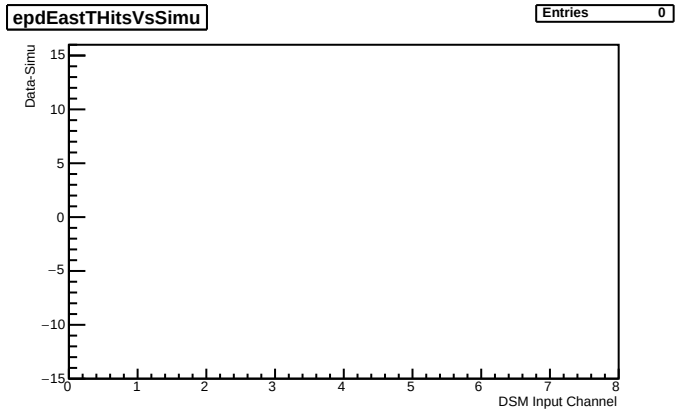

bbcSmallWestTacMax
Entries 662810


bbcSmallWestTacMaxVsSimu
Entries 558229
Data
Simu


epdEastTacMax
Entries 5302480
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5302480
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
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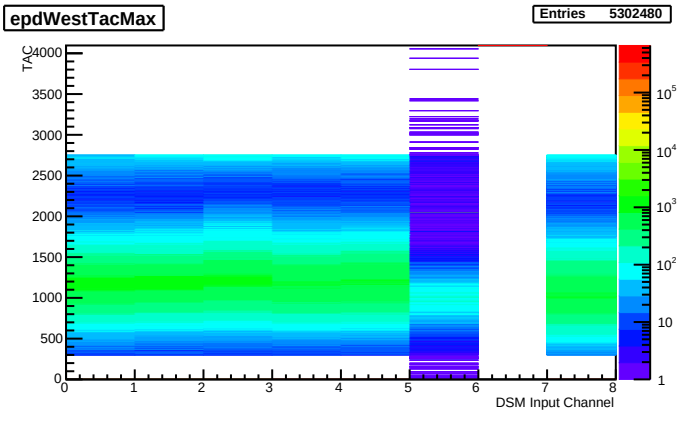
Data-Simu
DSM Input Channel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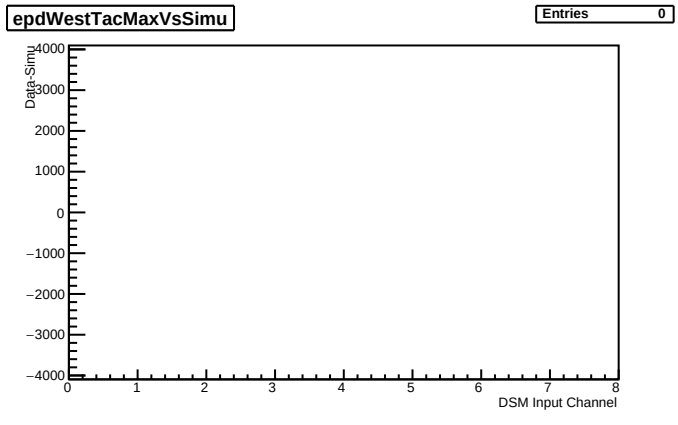
Entries 5302480
TAC
DSM Input Channel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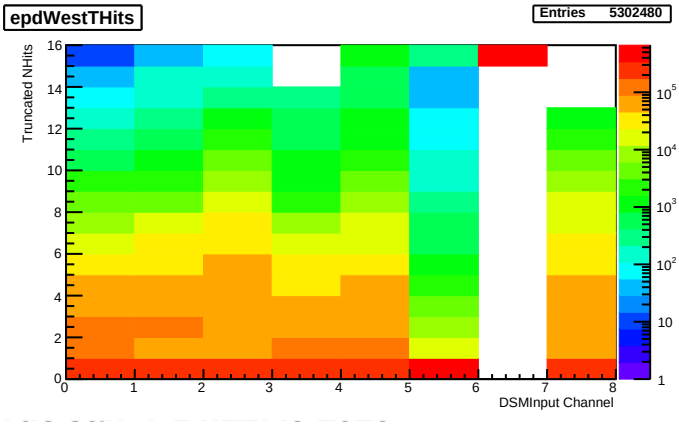
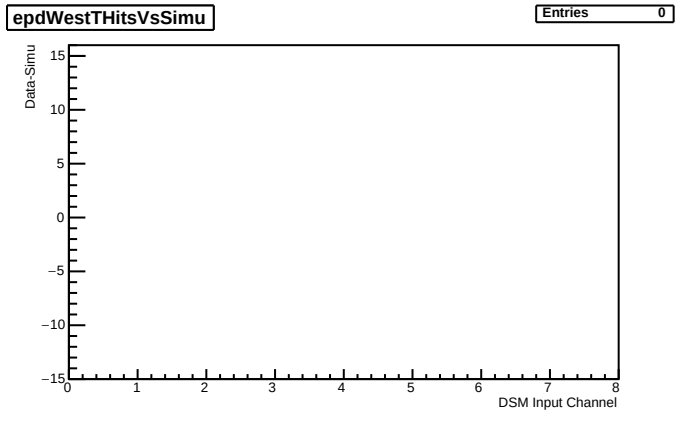
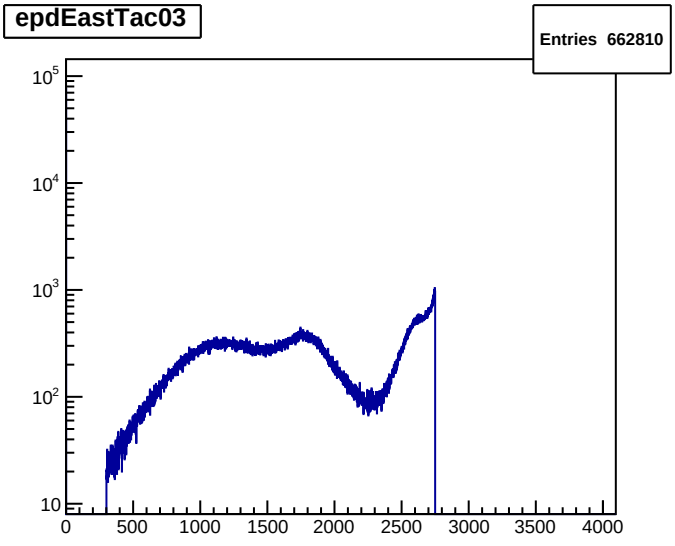
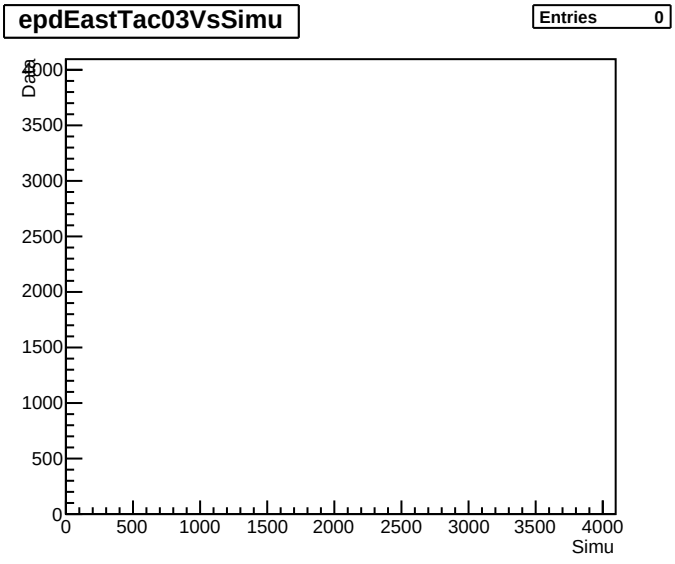
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5302480
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 662810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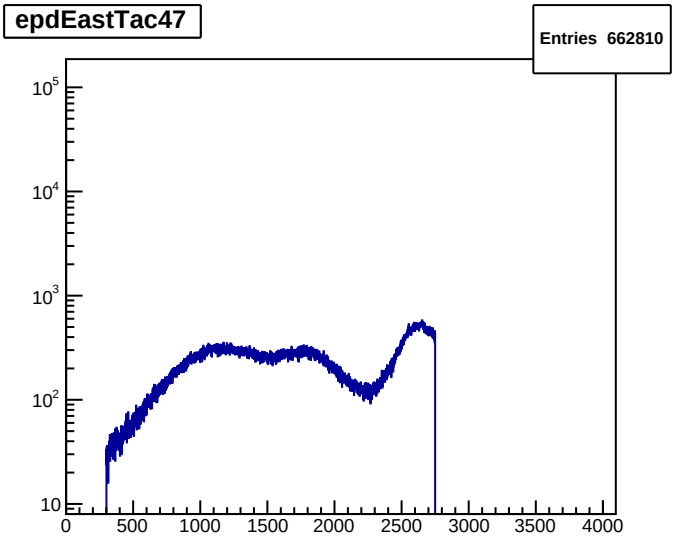
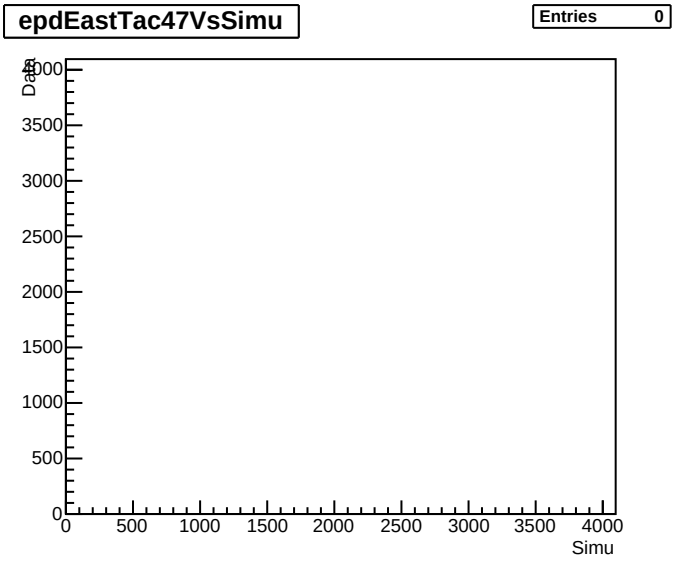
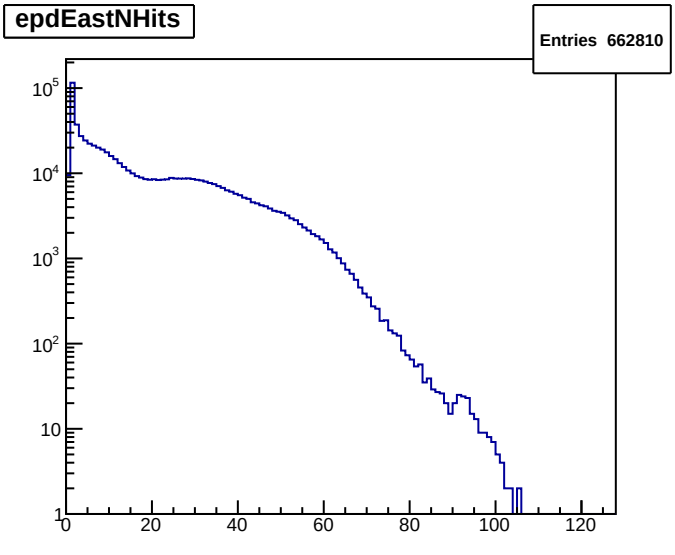
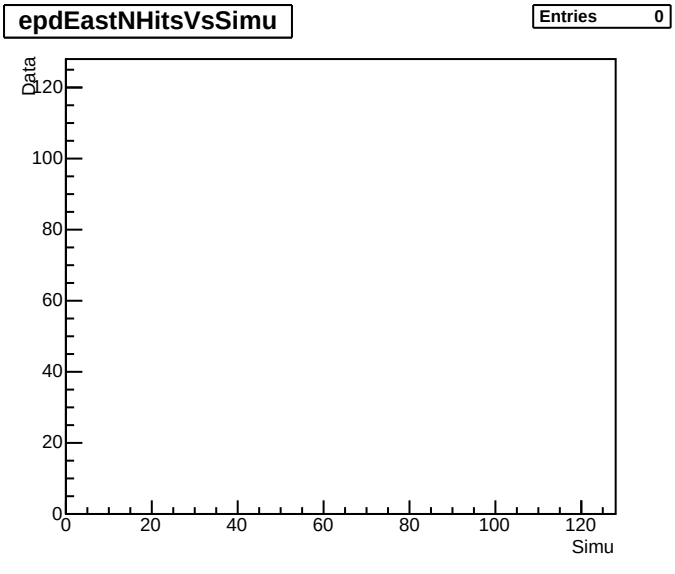
Entries 0
Data
Simu


epdEastTac47
Entries 662810


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 662810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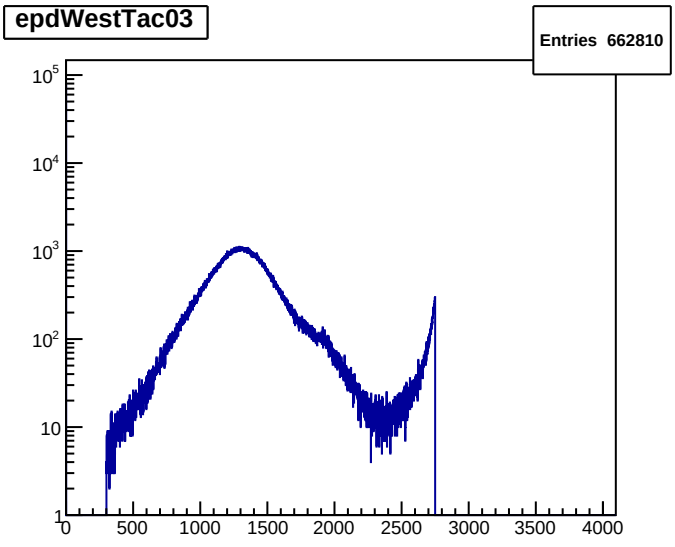
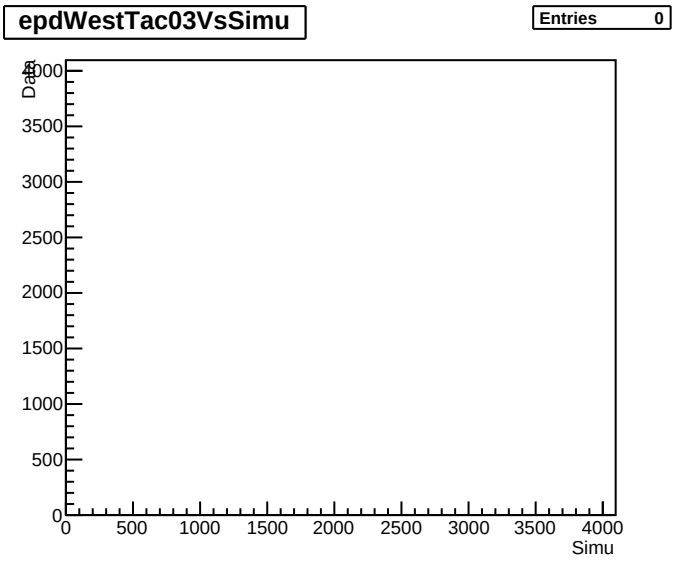
Entries 0
Data
Simu


epdWestTac03
Entries 662810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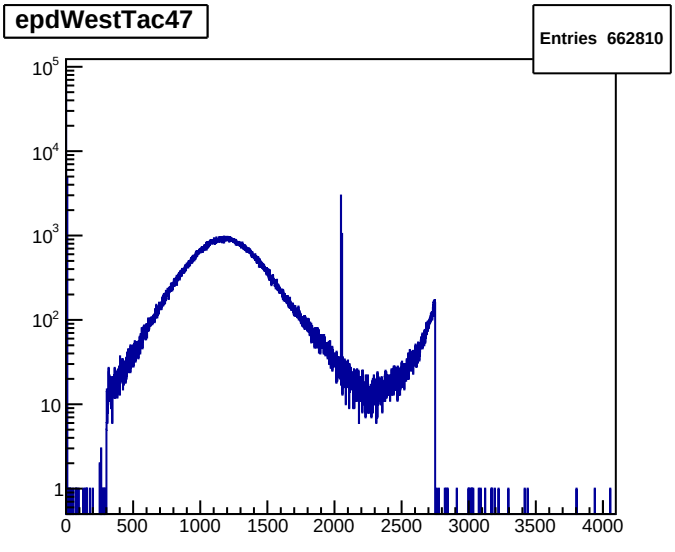
Entries 0
Data
Simu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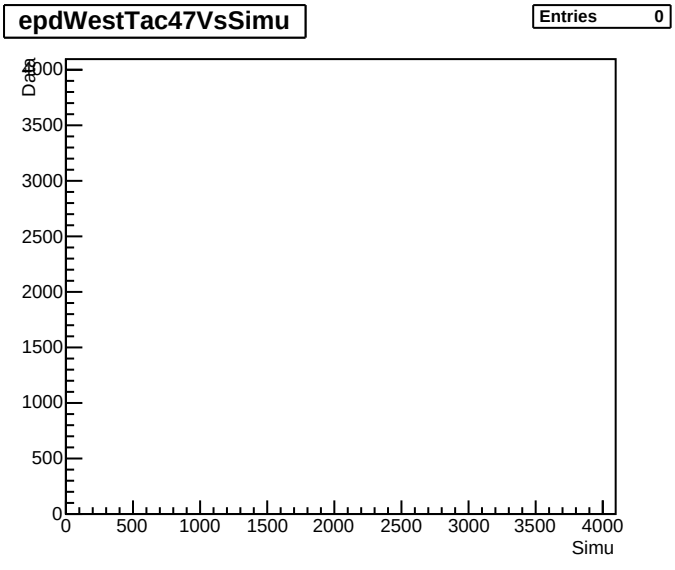
Entries 662810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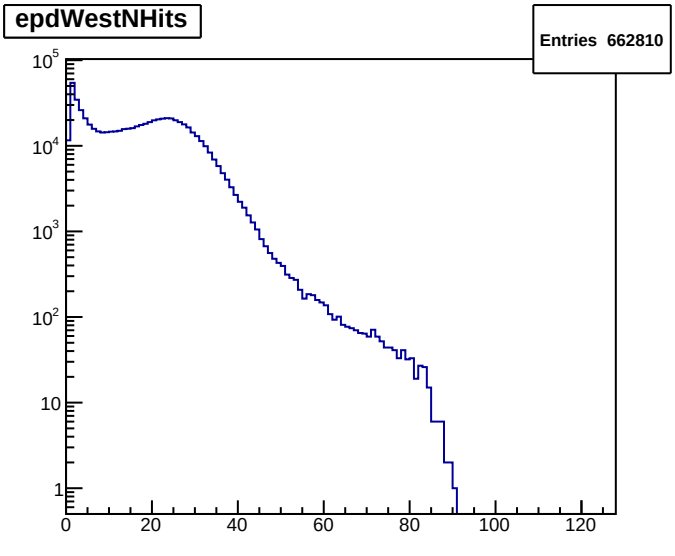
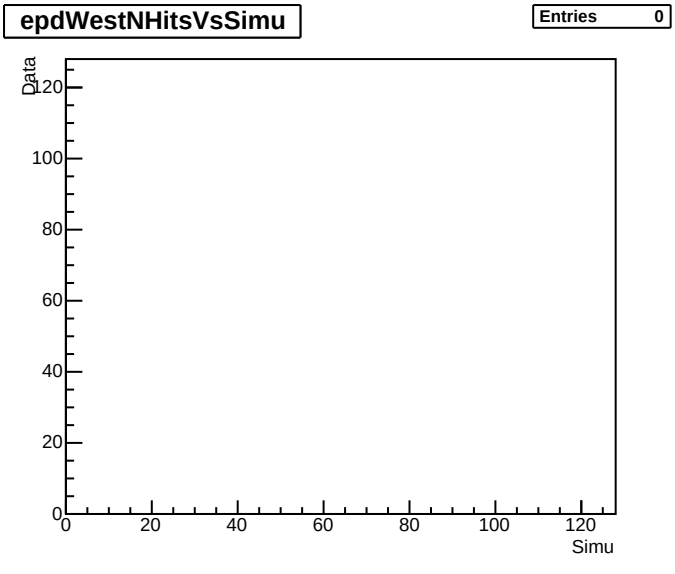
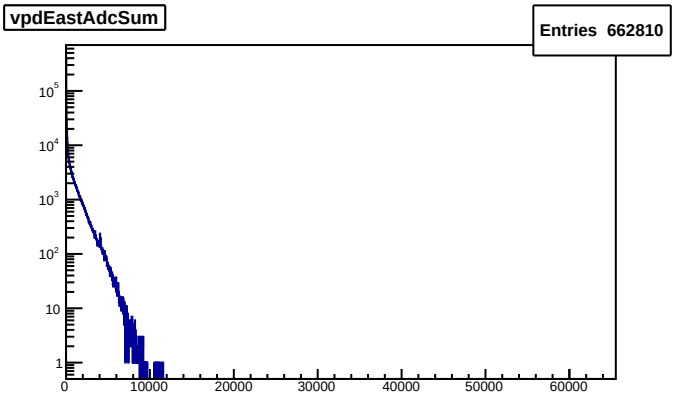
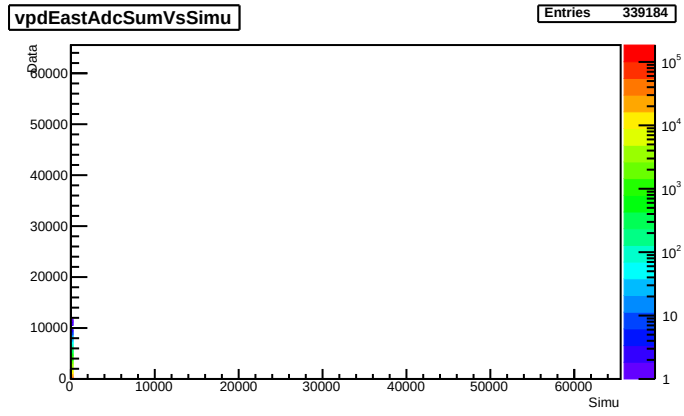
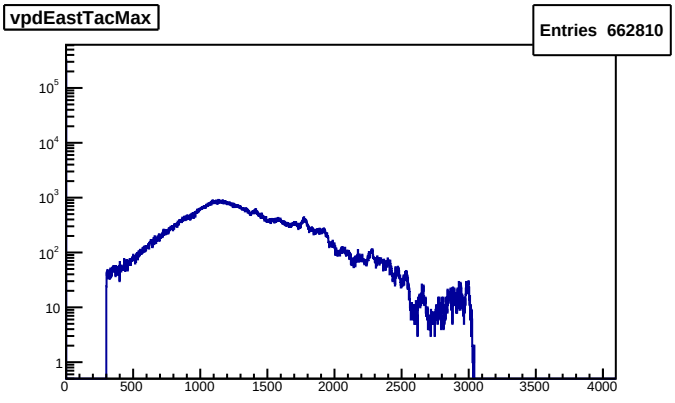
Entries 0
Data
Simu

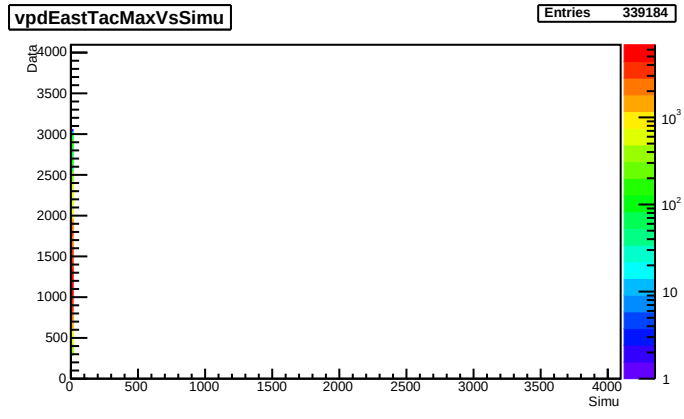

epdWestNHits
Entries 662810

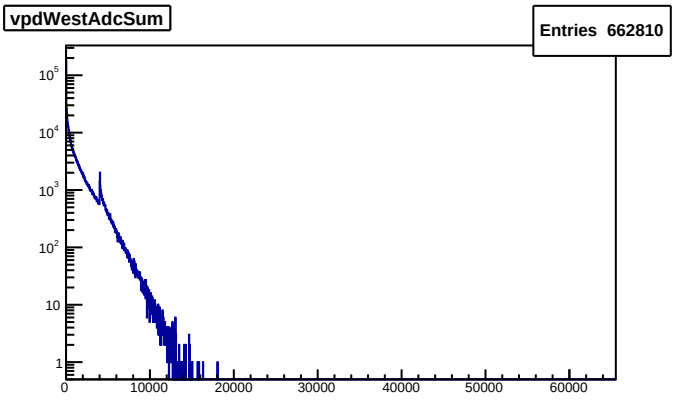

epdWestNHitsVsSimu
Entries 0
Data
Simu

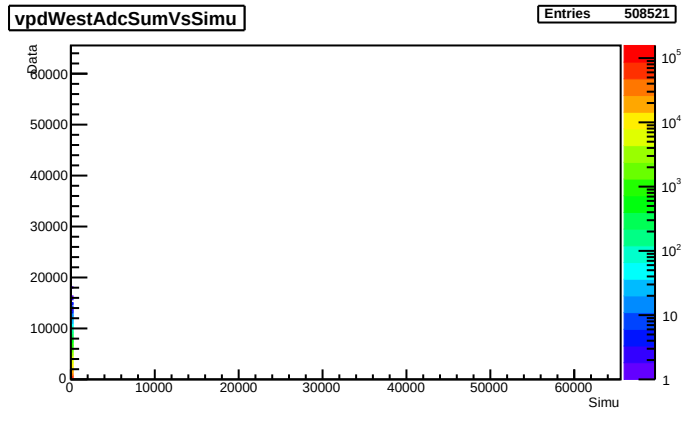

vpdEastAdcSum
Entries 662810

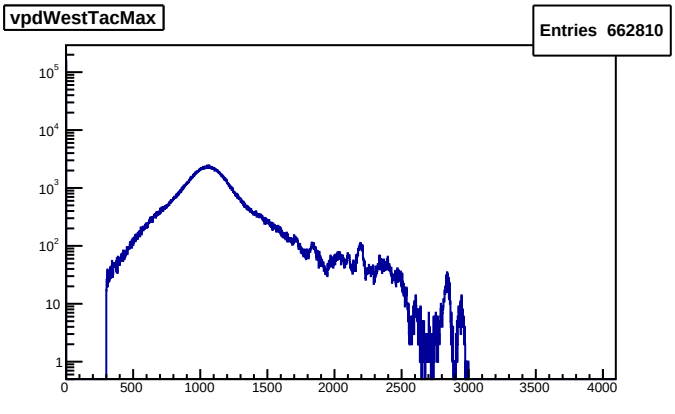

vpdEastAdcSumVsSimu
Entries 339184
Data
Simu

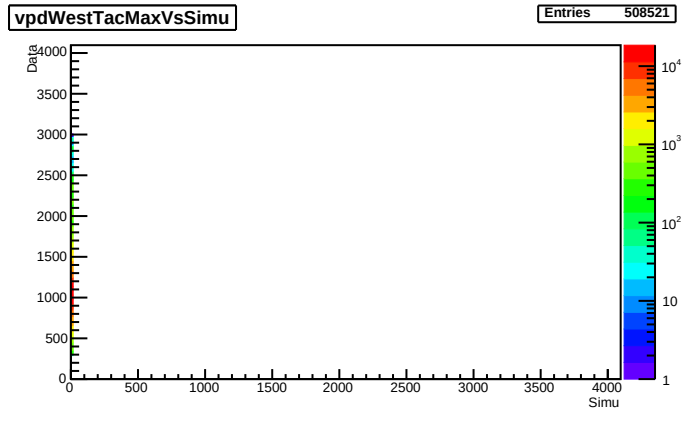

vpdEastTacMax
Entries 662810

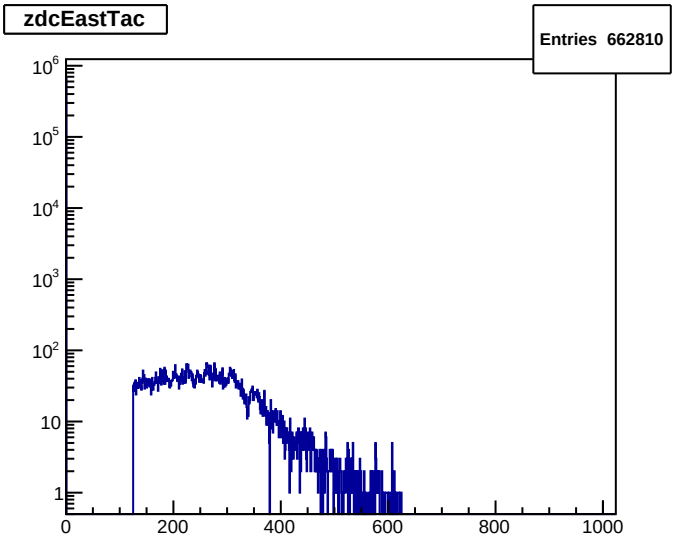

vpdEastTacMaxVsSimu
Entries 339184
Data
Simu

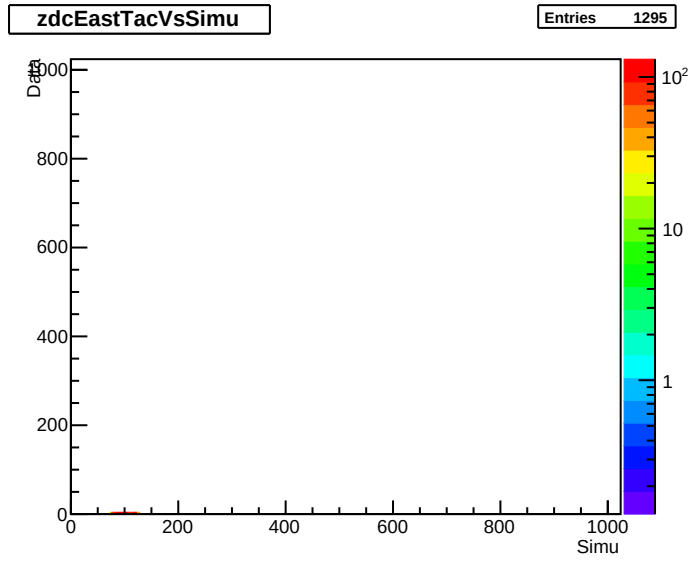

vpdWestAdcSum
Entries 662810

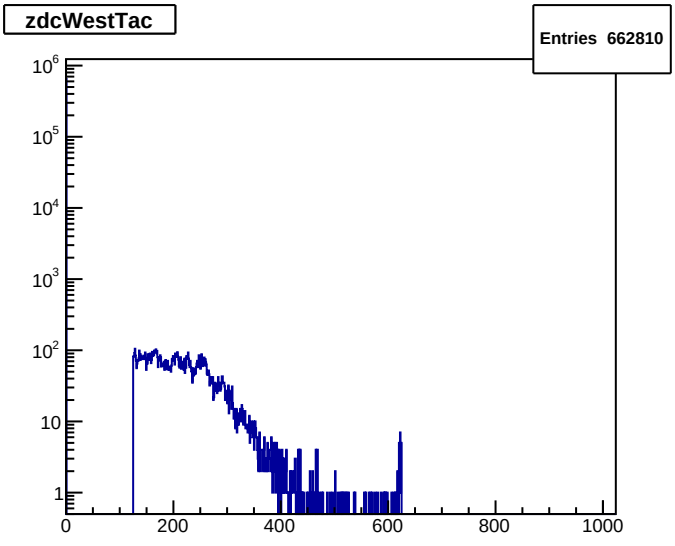

vpdWestAdcSumVsSimu
Entries 508521
Data
Simu

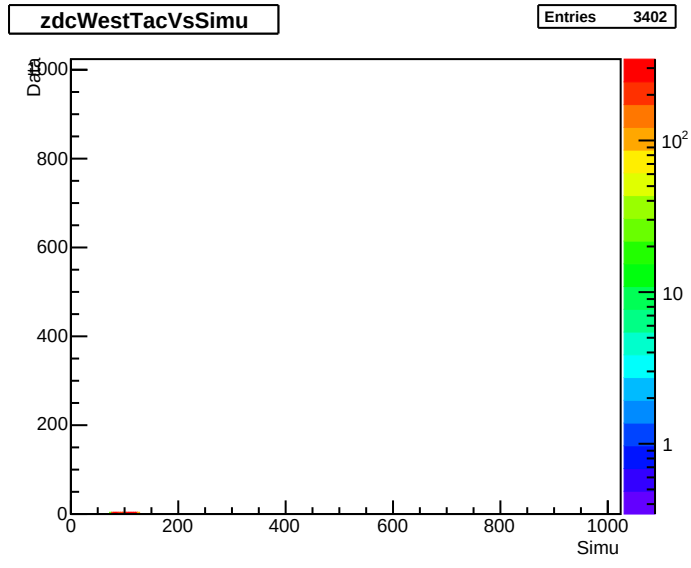

vpdWestTacMax
Entries 662810

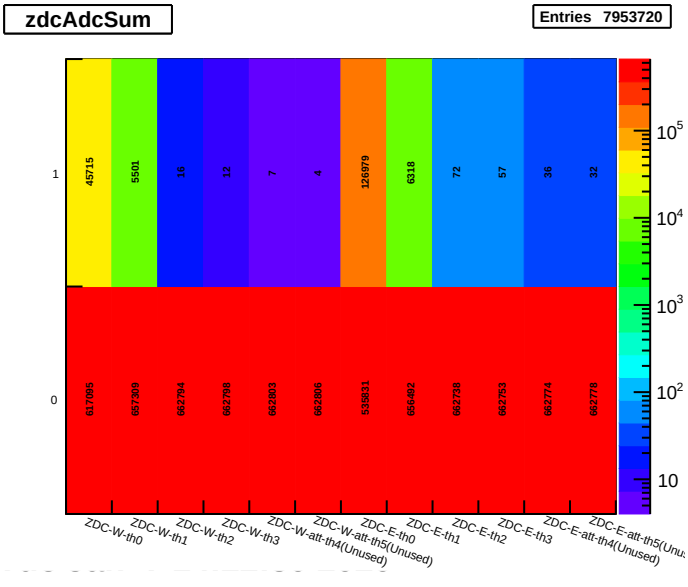

vpdWestTacMaxVsSimu
Entries 508521
Data
Simu

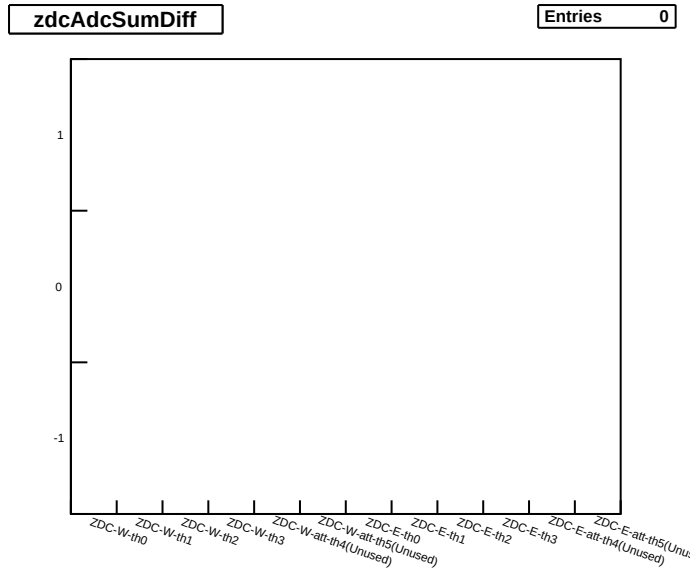

zdcEastTac
Entries 662810

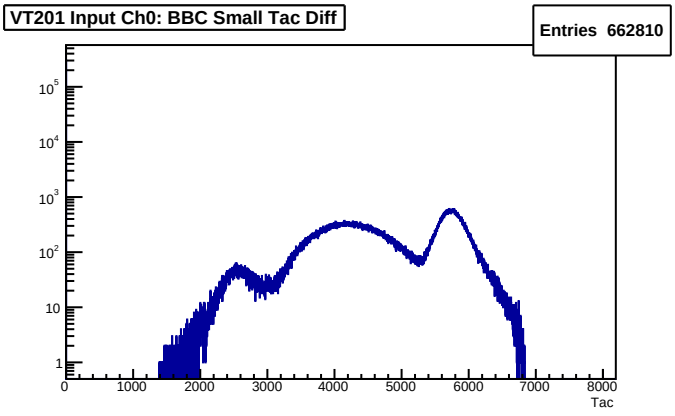

zdcEastTacVsSimu
Entries 1295
Data
Simu

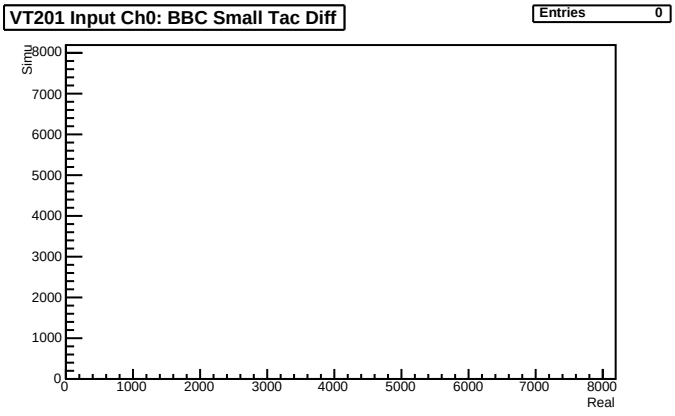

zdcWestTac
Entries 662810

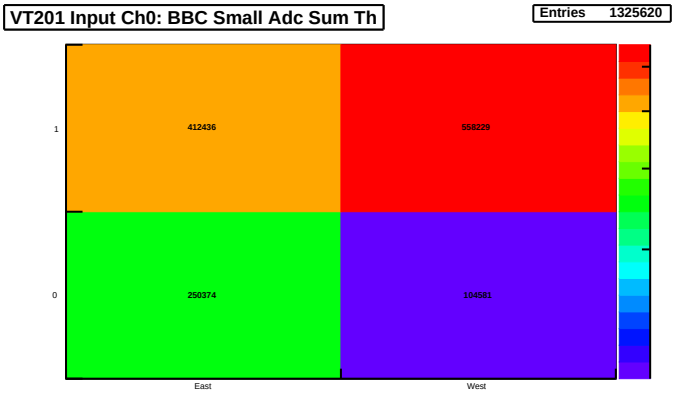

zdcWestTacVsSimu
Entries 3402
Data
Simu

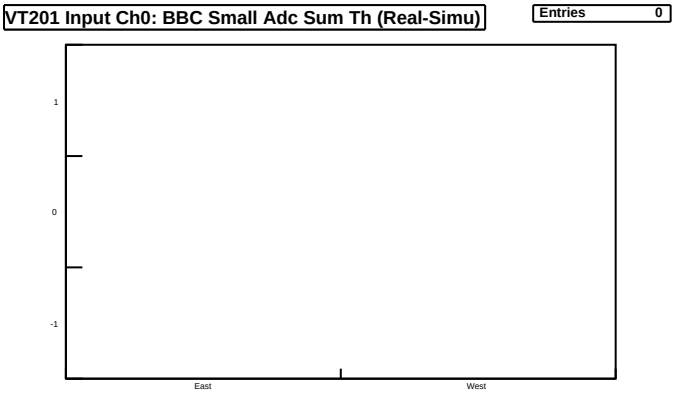

zdcAdcSum
Entries 7953720
45715
5501
16
12
7
4
126979
6318
72
57
36
32
617095
657309
662794
662798
662803
662806
535831
656492
662738
662753
662774
662778
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

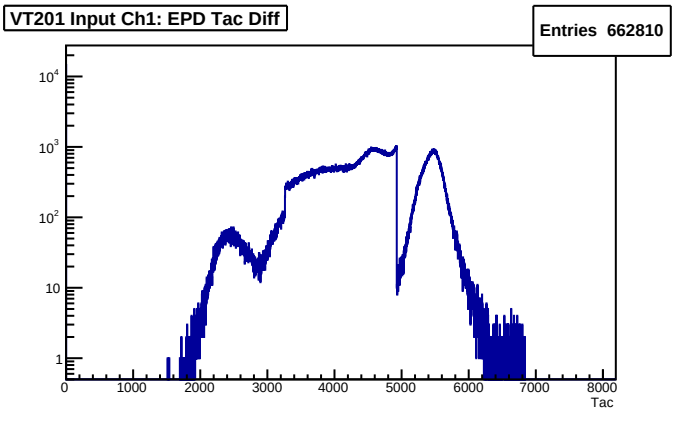

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

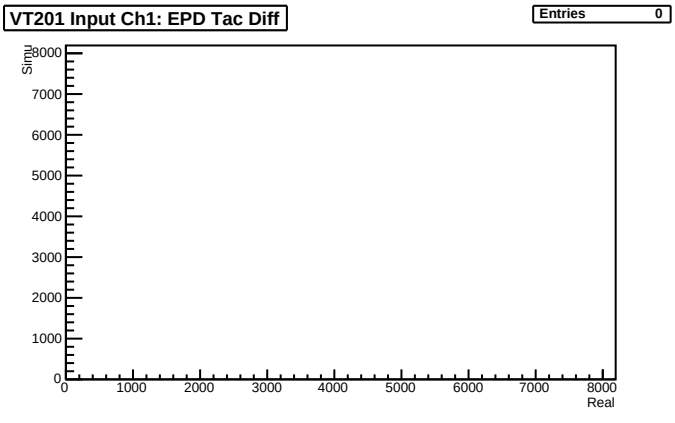

VT201 Input Ch0: BBC Small Tac Diff
Entries 662810
Tac

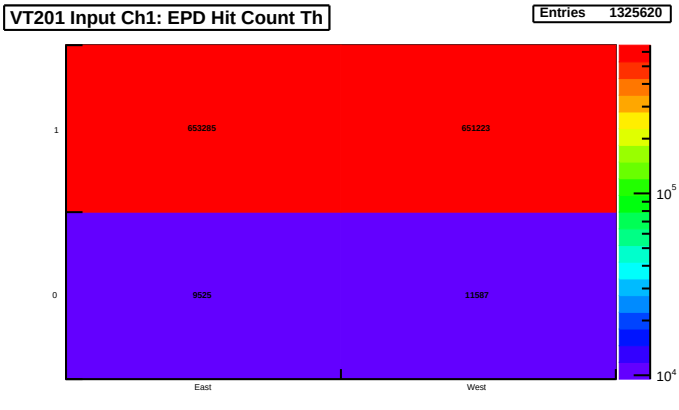

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

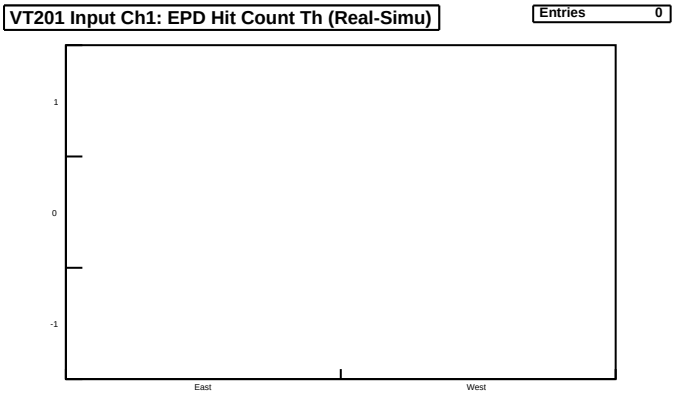

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1325620
412436
558229
250374
104581
East
West

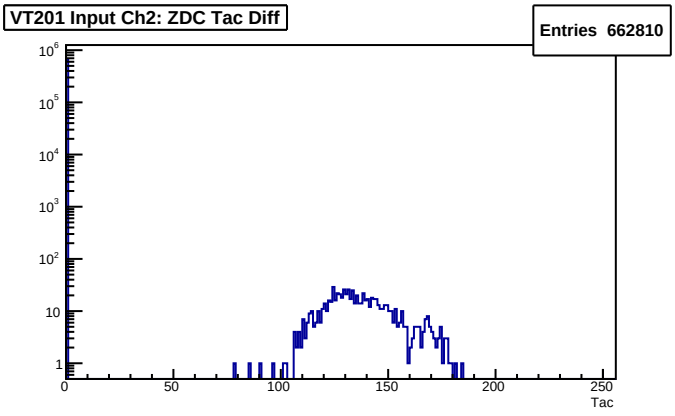

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

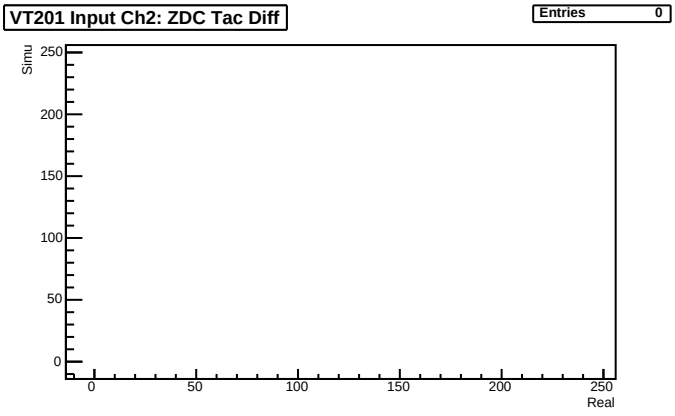

VT201 Input Ch1: EPD Tac Diff
Entries 662810
Tac

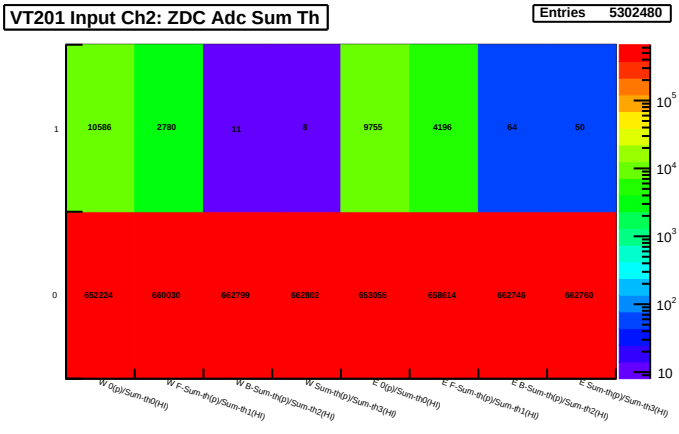

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

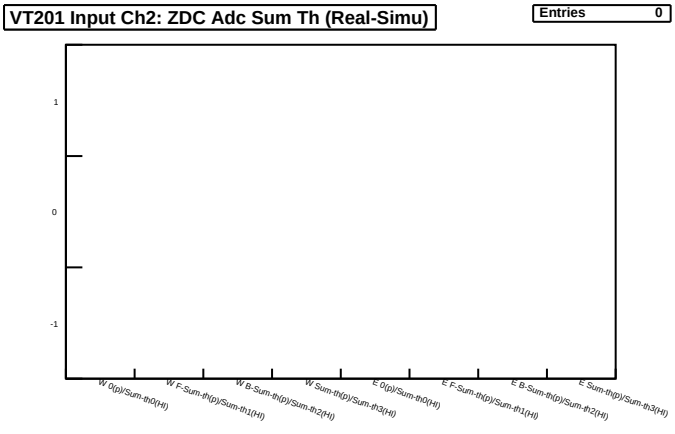

VT201 Input Ch1: EPD Hit Count Th
Entries 1325620
653285
651223
9525
11587
East
West

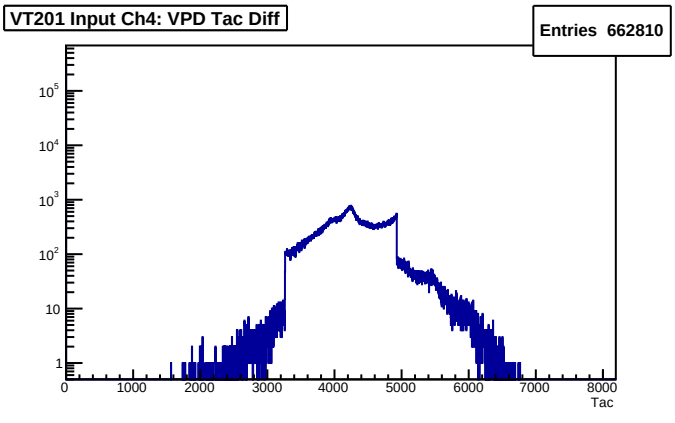

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

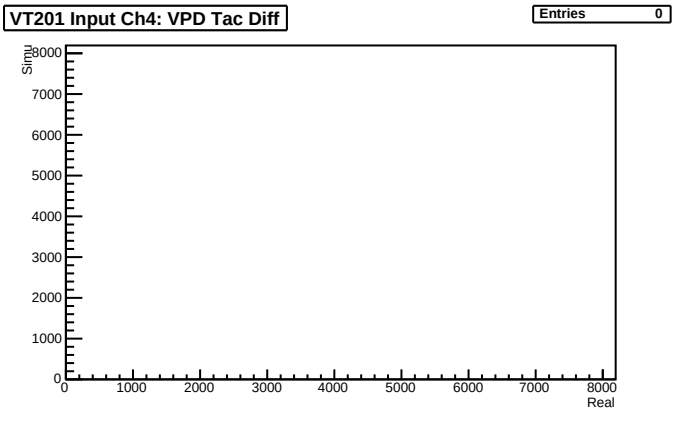

VT201 Input Ch2: ZDC Tac Diff
Entries 662810
Tac

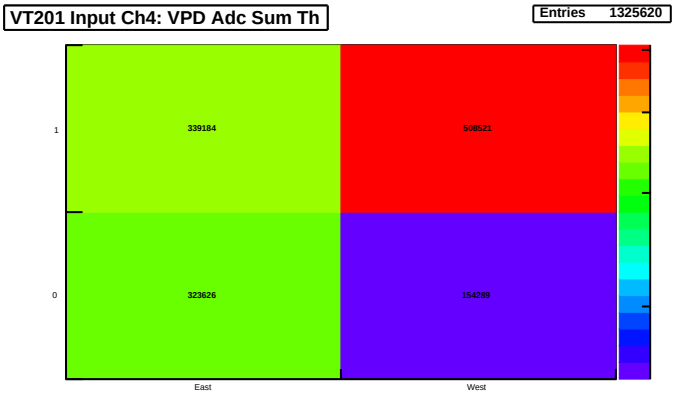

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

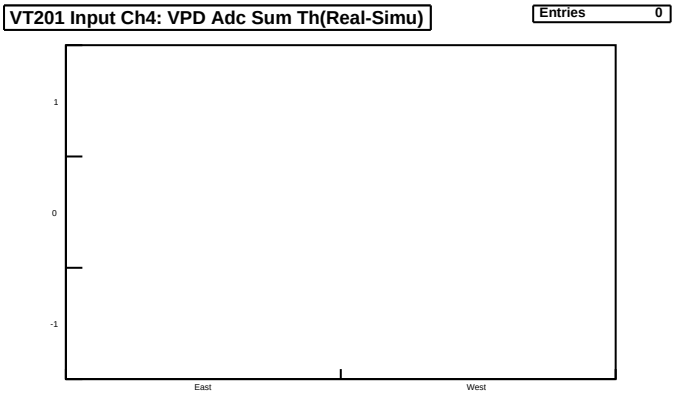

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5302480
10586
2780
11
8
9755
4196
64
50
652224
660030
662799
662802
653055
658614
662746
662760
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

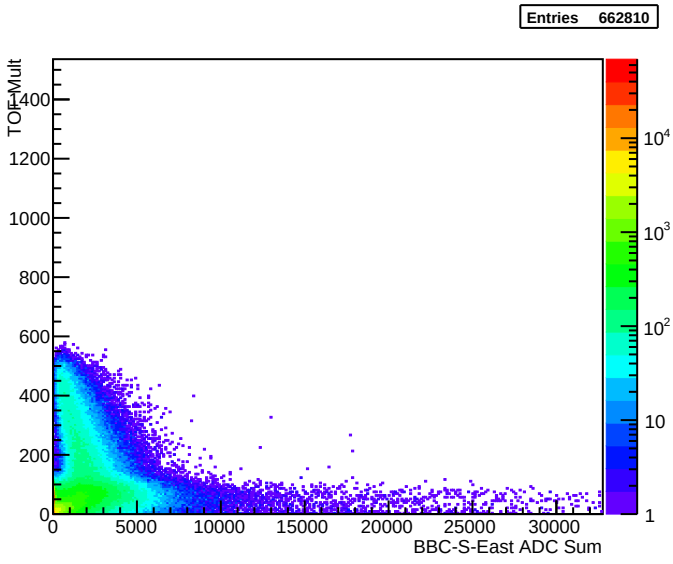

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

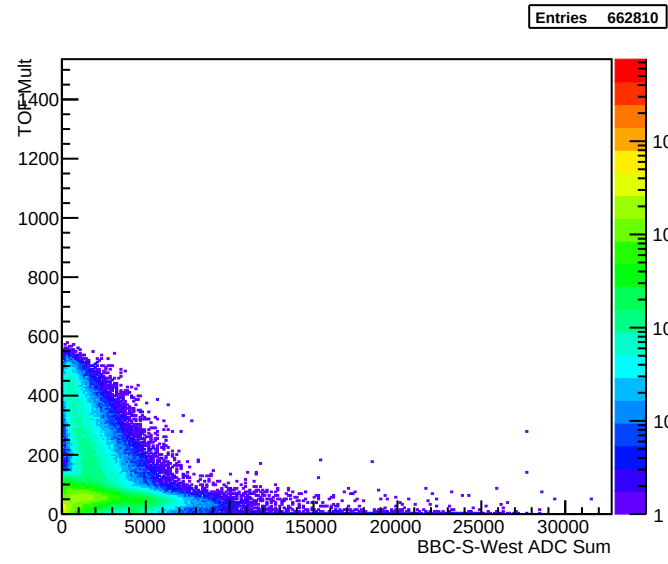

VT201 Input Ch4: VPD Tac Diff
Entries 662810
Tac

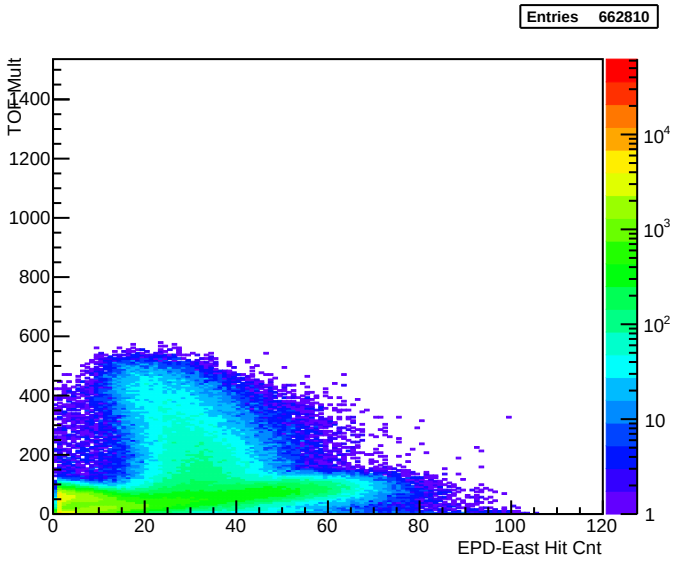

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

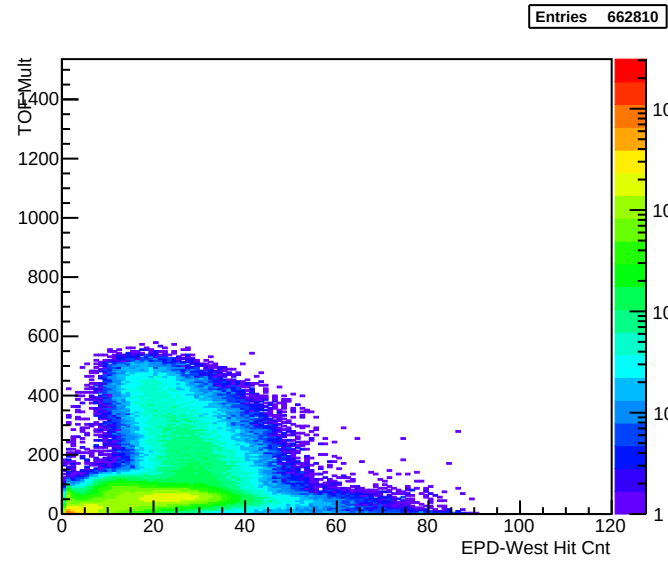

VT201 Input Ch4: VPD Adc Sum Th
Entries 1325620
339184
508521
323626
154289
East
West

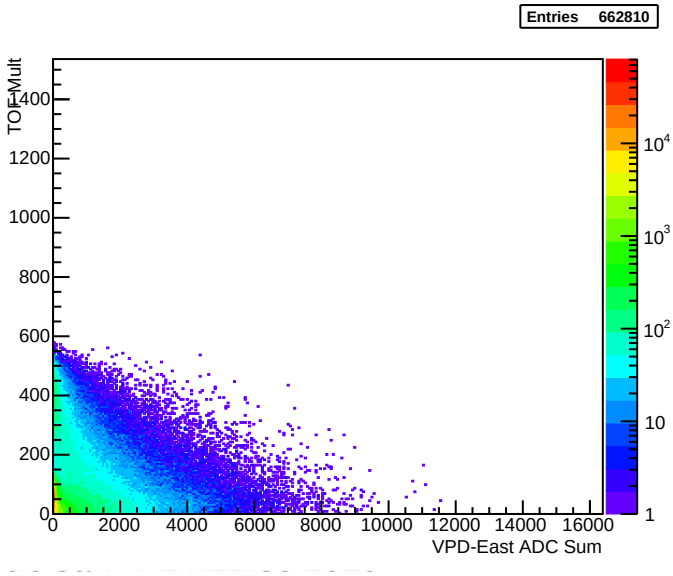

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

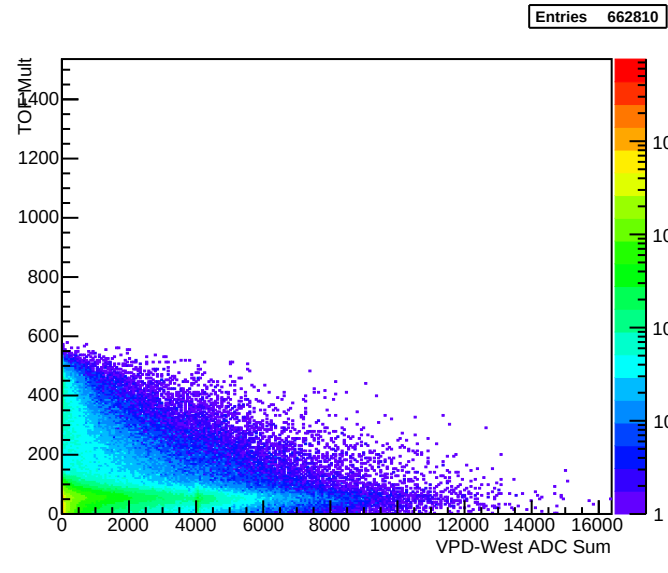

Entries 662810
TOF-Mult
BBC-S-East ADC Sum

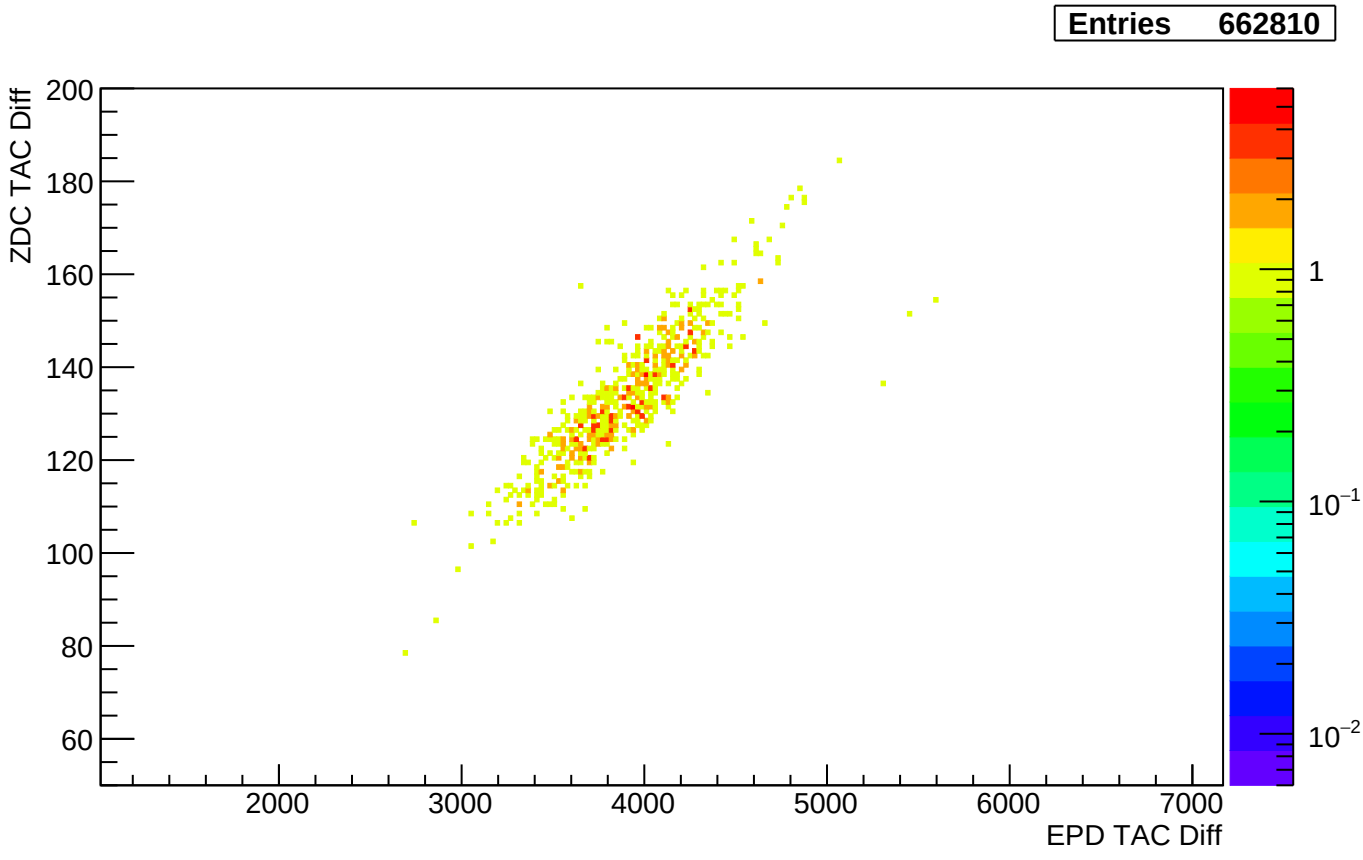

Entries 662810
TOF-Mult
BBC-S-West ADC Sum

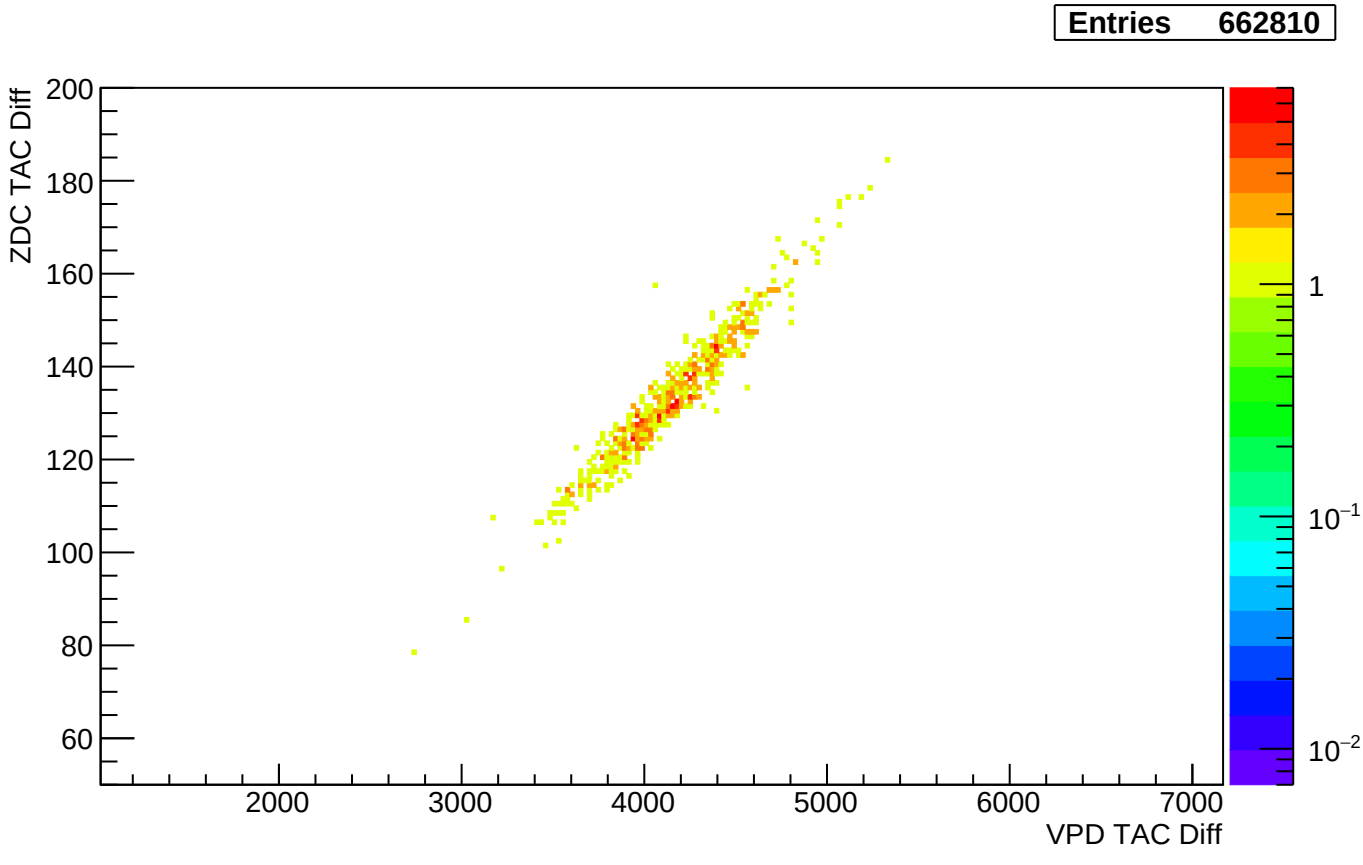

Entries 662810
TOF-Mult
EPD-East Hit Cnt

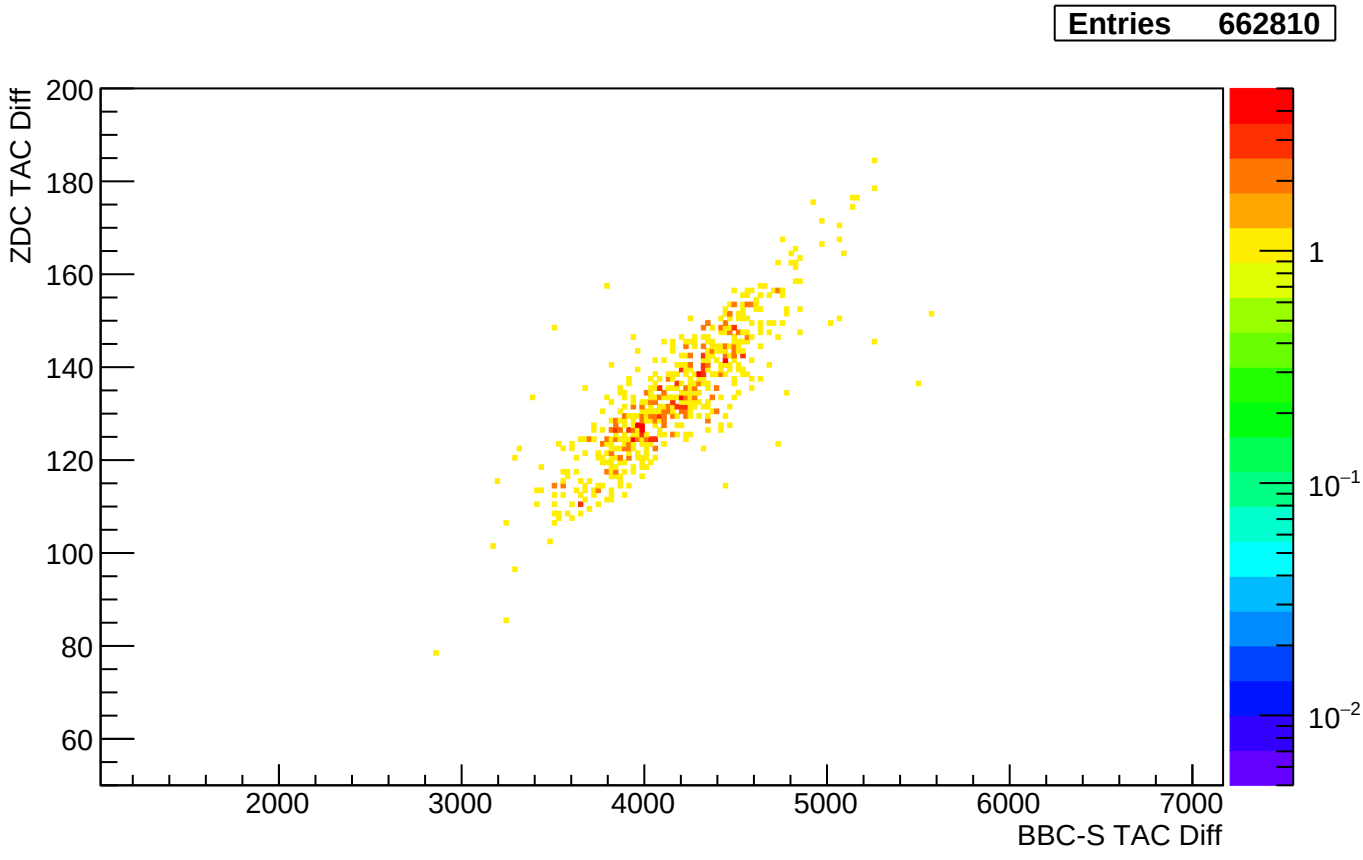

Entries 662810
TOF-Mult
EPD-West Hit Cnt

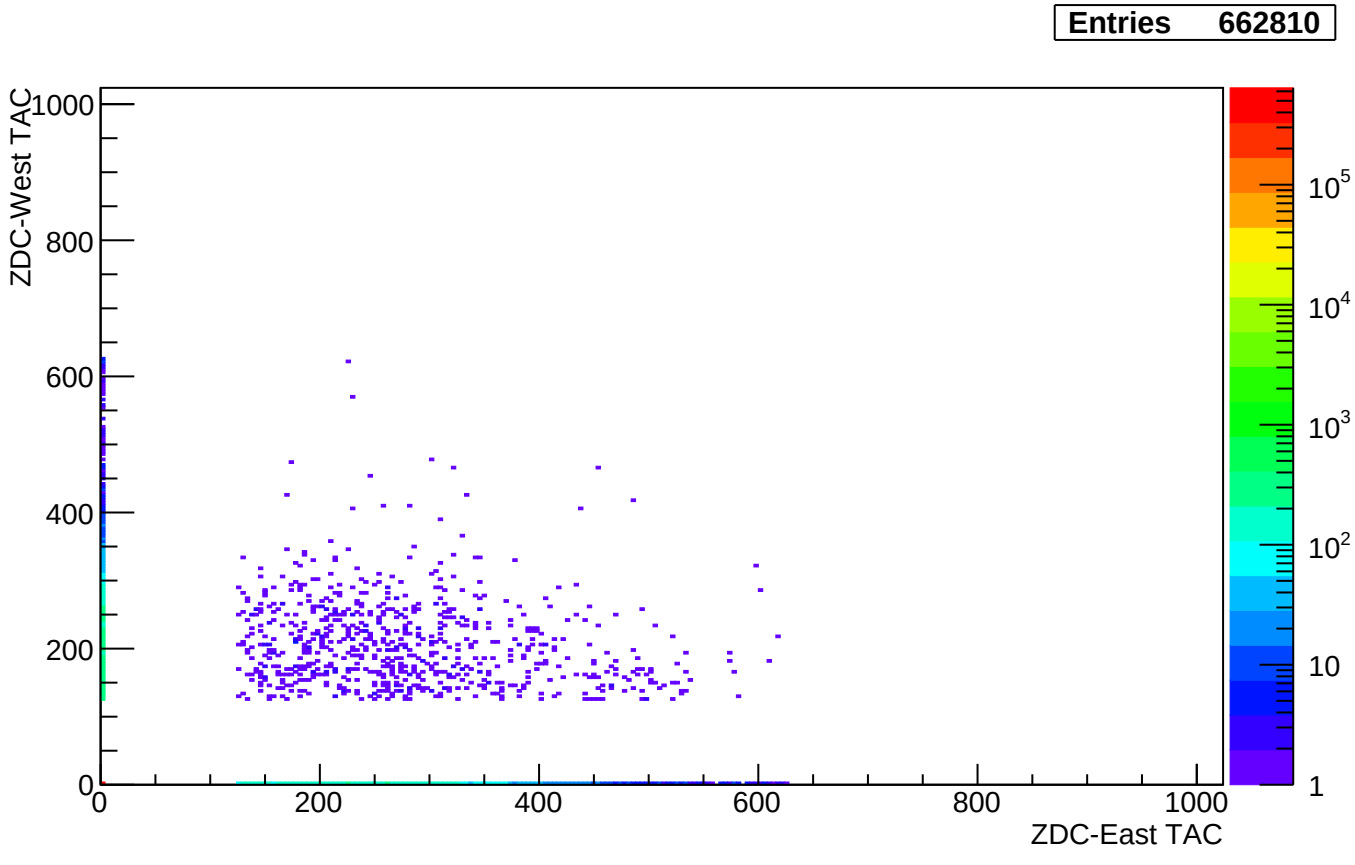

Entries 662810
TOF-Mult
VPD-East ADC Sum

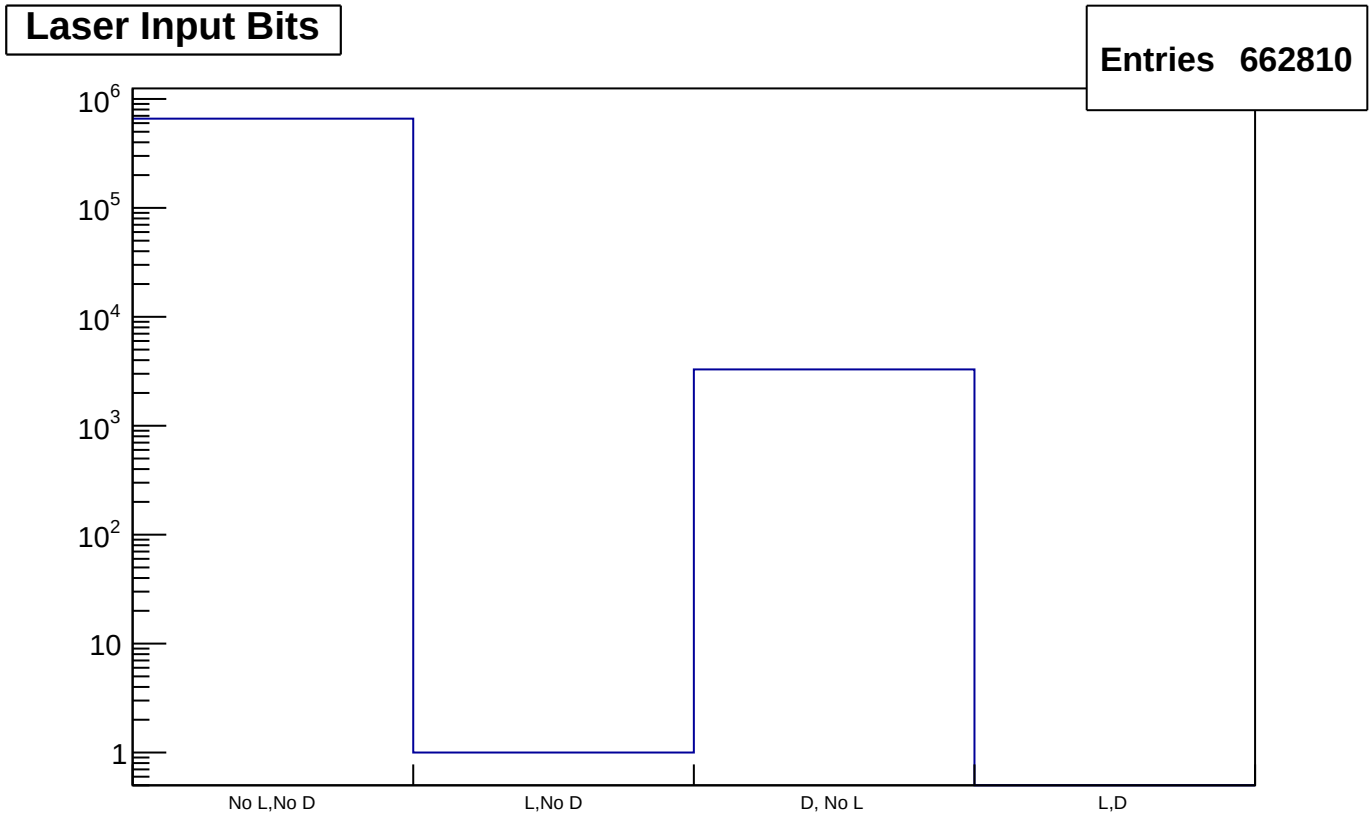

Entries 662810
TOF-Mult
VPD-West ADC Sum

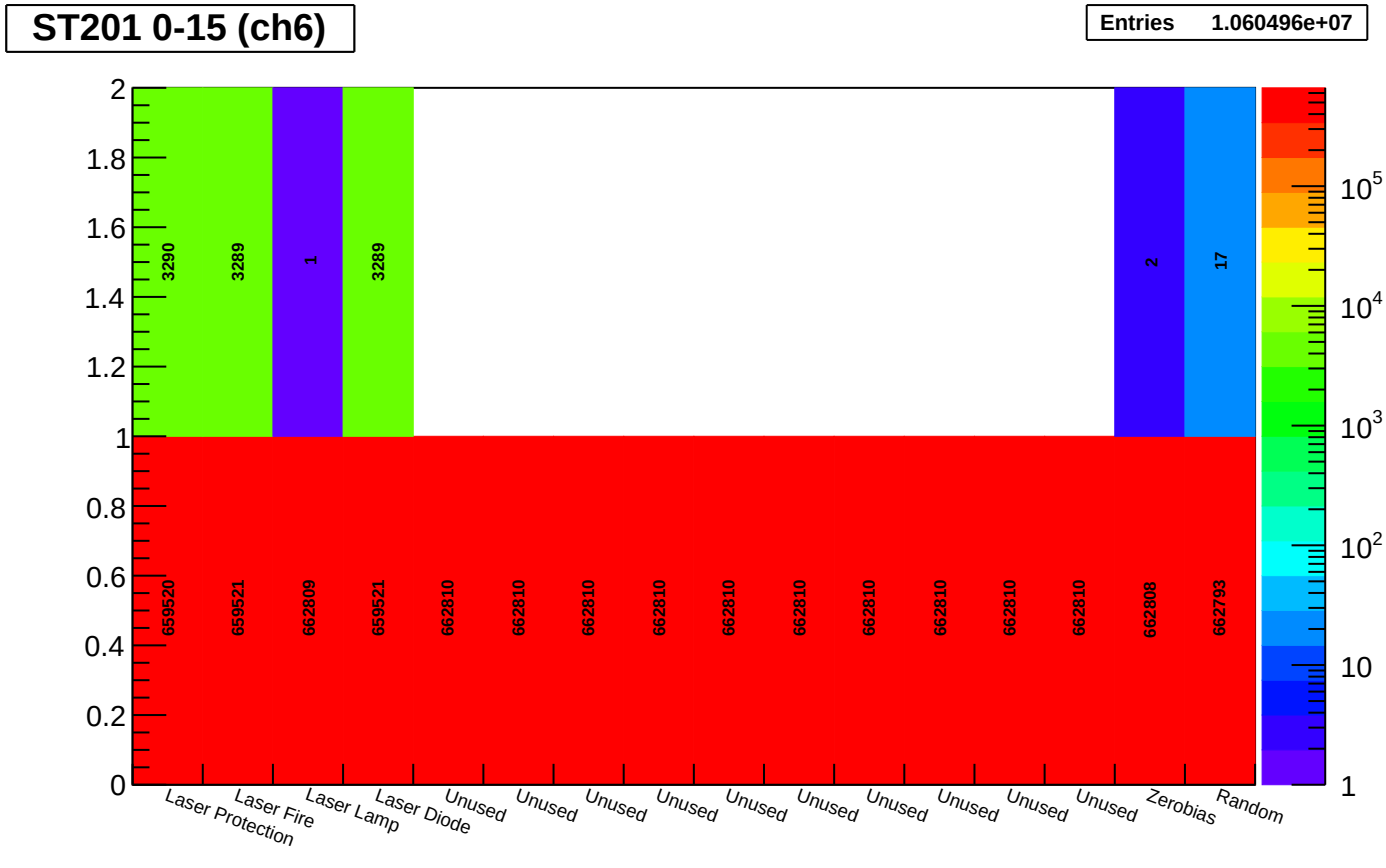

Entries 662810
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 662810
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

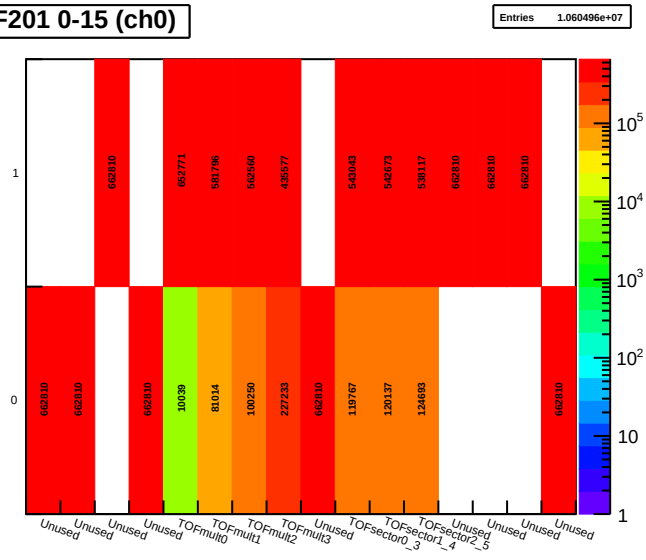

Entries 662810
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}


Entries 662810
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

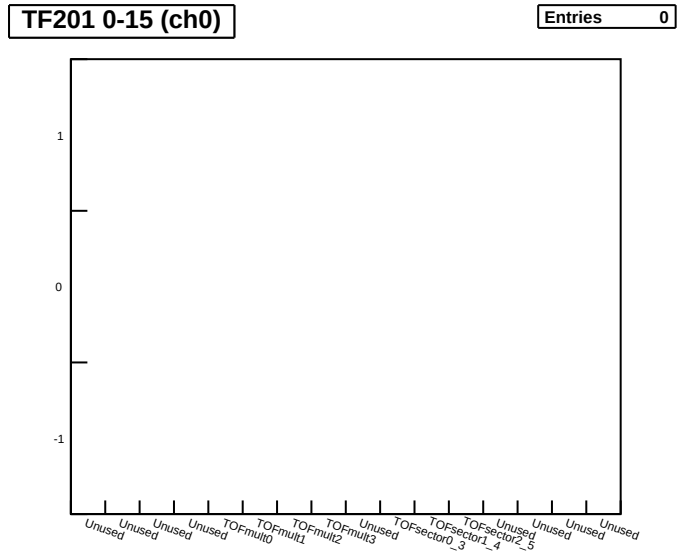

Laser Input Bits
Entries 662810
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.060496e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3290
3289
1
3289
2
17
659520
659521
662809
659521
662810
662810
662810
662810
662810
662810
662810
662810
662810
662810
662808
662793
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

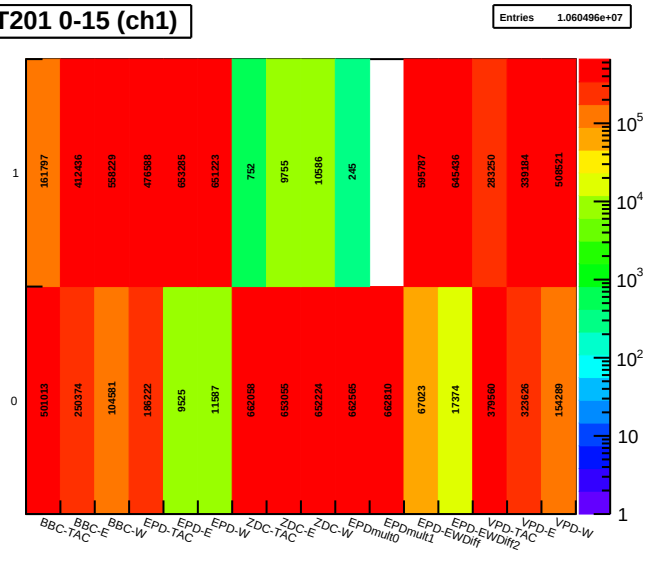
TF201 0-15 (ch0)



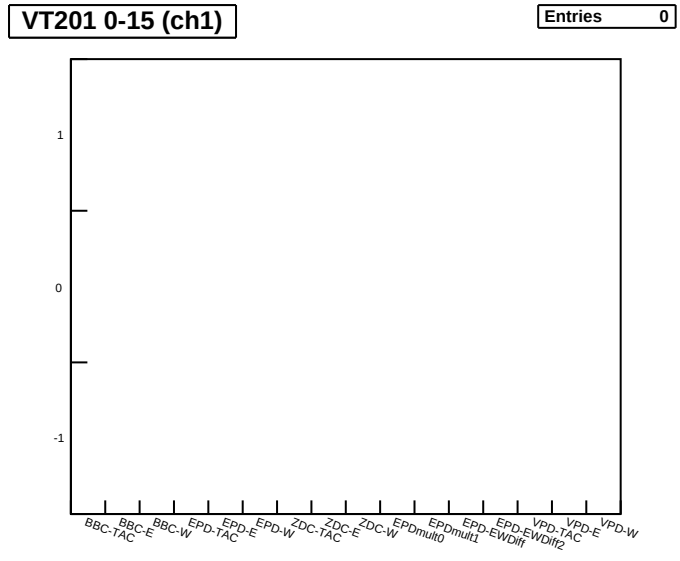
TF201 0-15 (ch0)



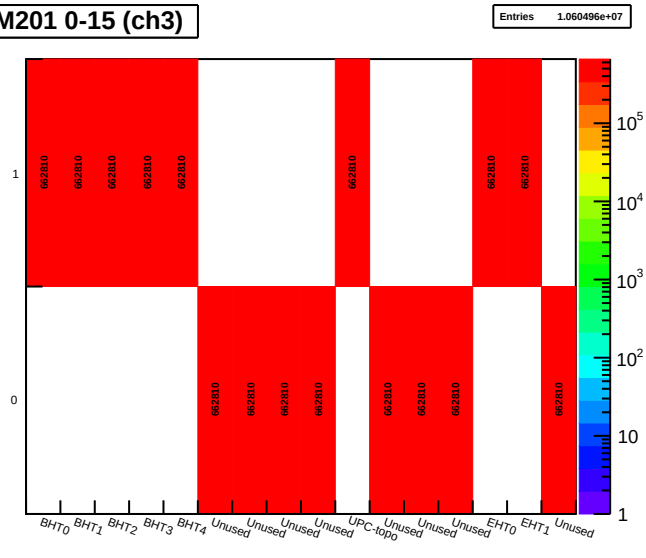
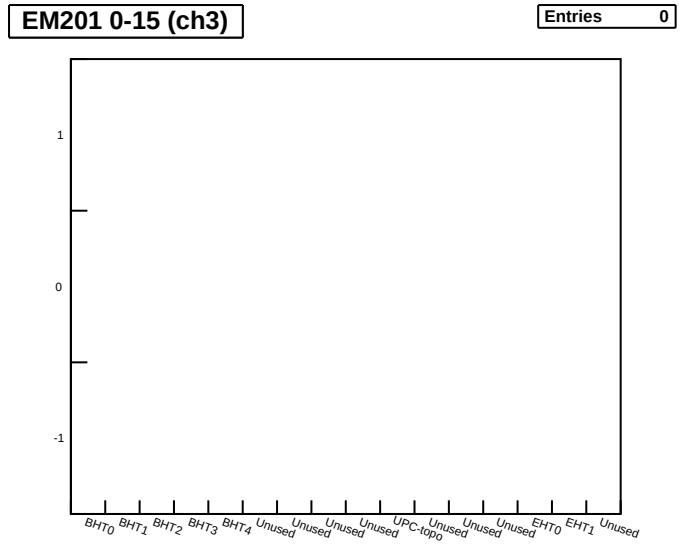
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)