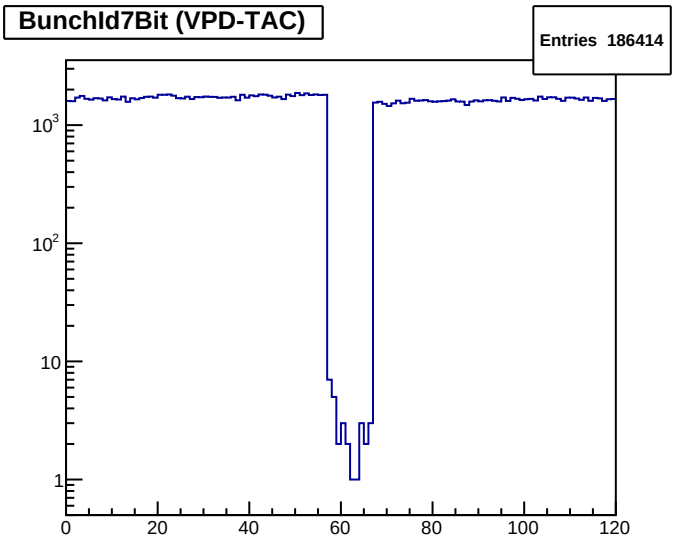
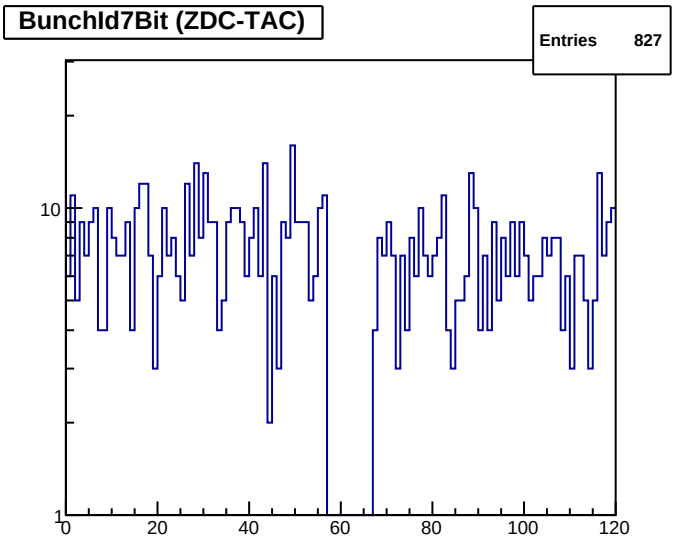
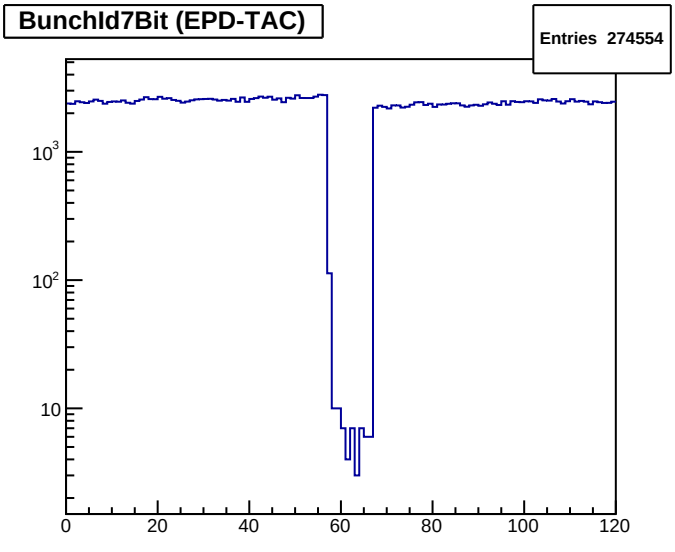
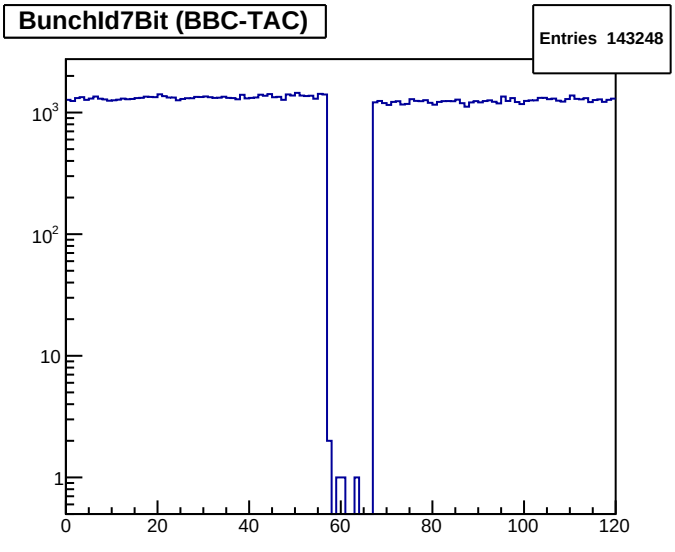
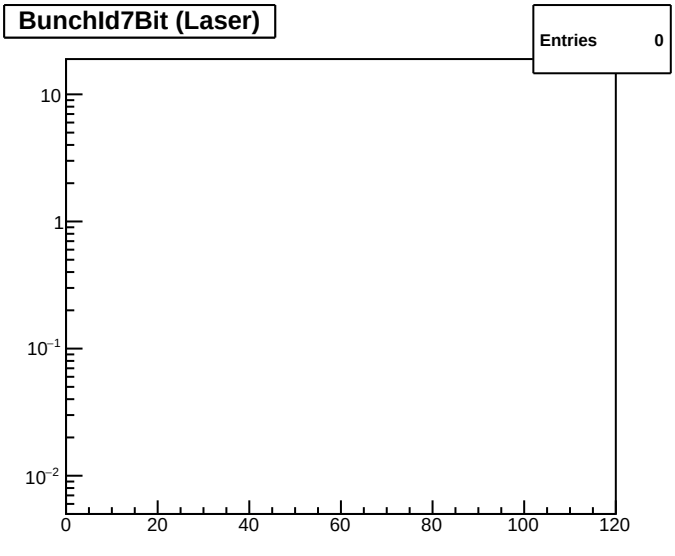
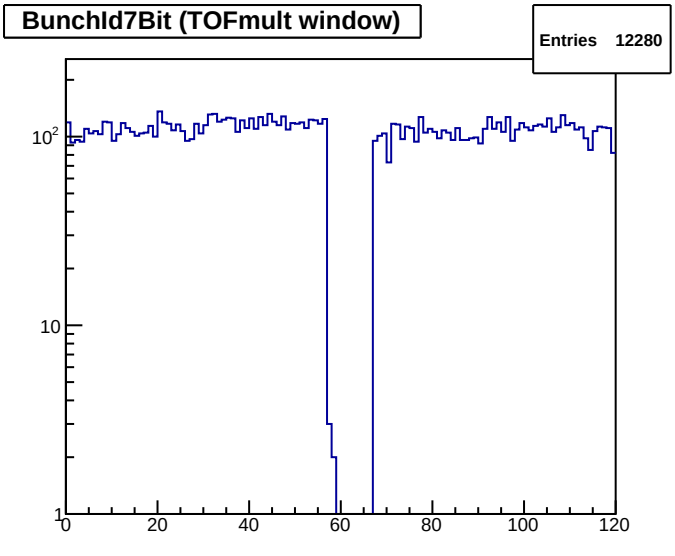

BunchId7Bit (VPD-TAC)
Entries 186414

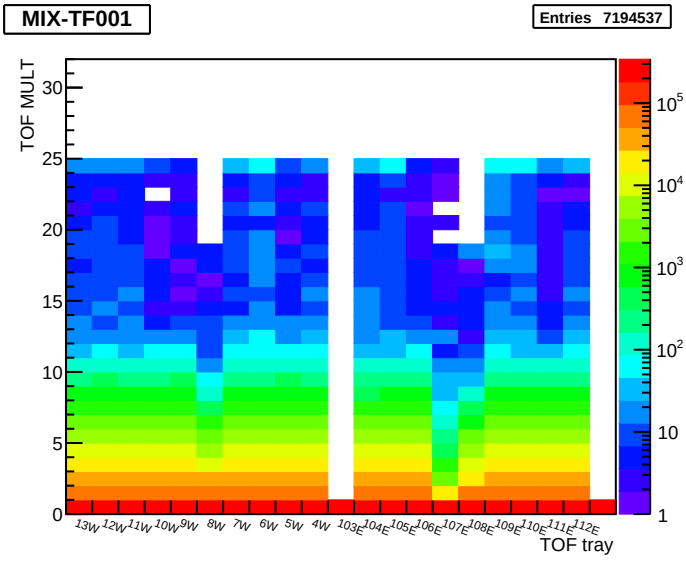

BunchId7Bit (ZDC-TAC)
Entries 827

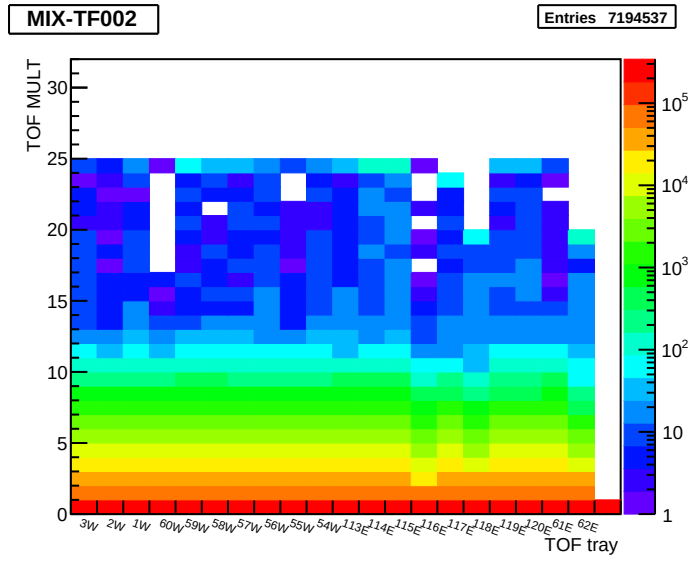

BunchId7Bit (EPD-TAC)
Entries 274554

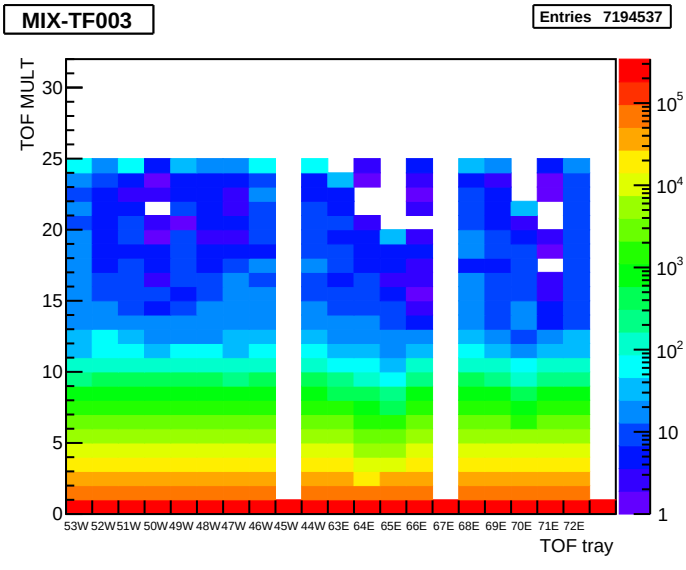

BunchId7Bit (BBC-TAC)
Entries 143248

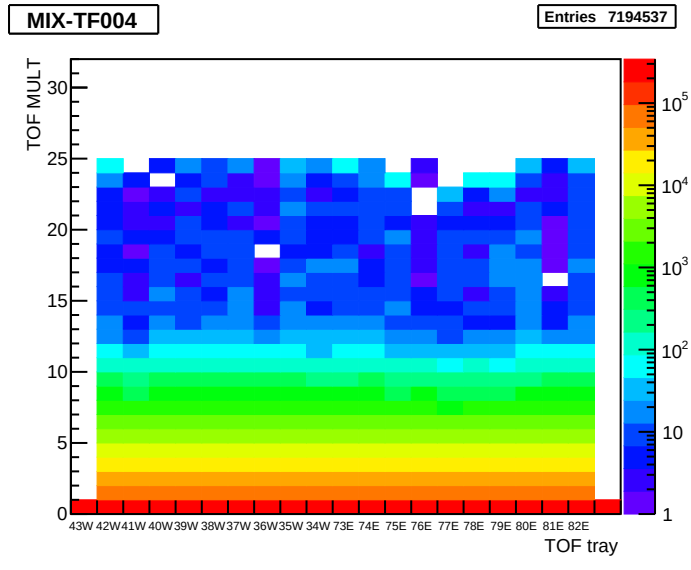

BunchId7Bit (Laser)
Entries 0

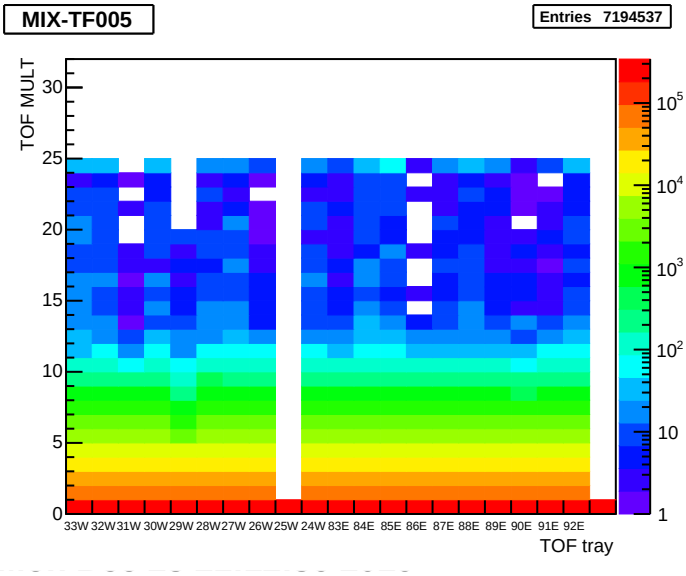

BunchId7Bit (TOFmult window)
Entries 12280

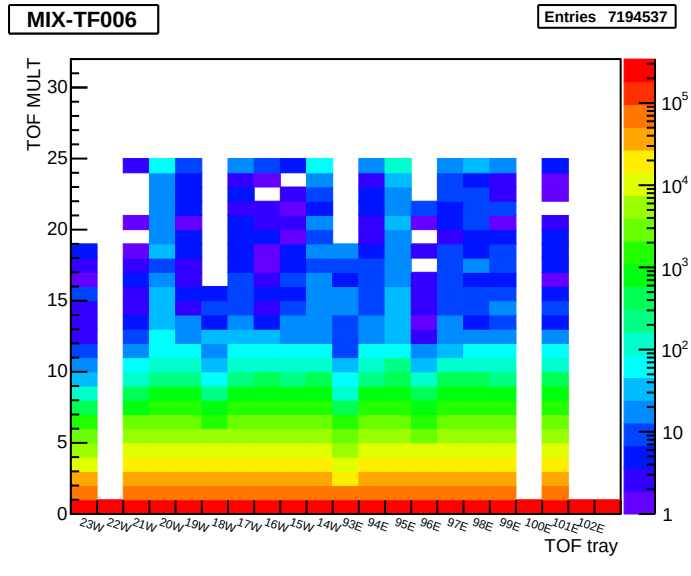

MIX-TF001
Entries 7194537
TOF MULT
TOF tray

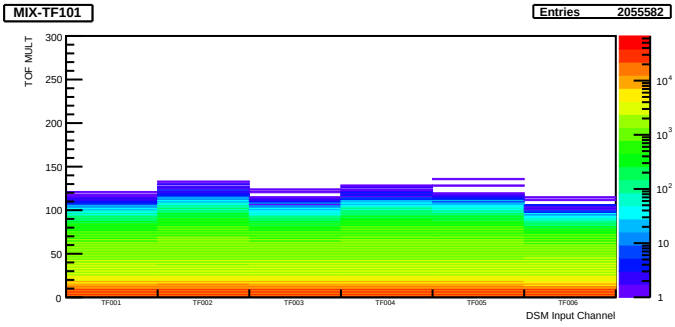

MIX-TF002
Entries 7194537
TOF MULT
TOF tray

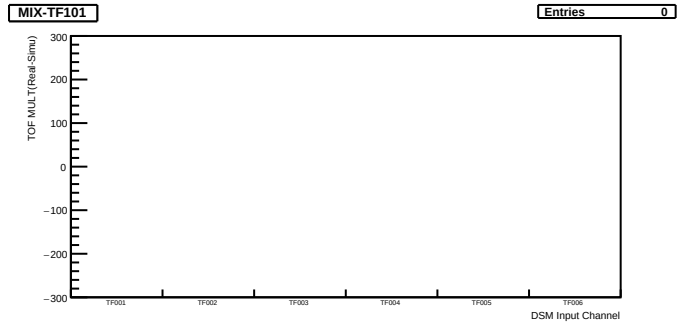

MIX-TF003
Entries 7194537
TOF MULT
TOF tray

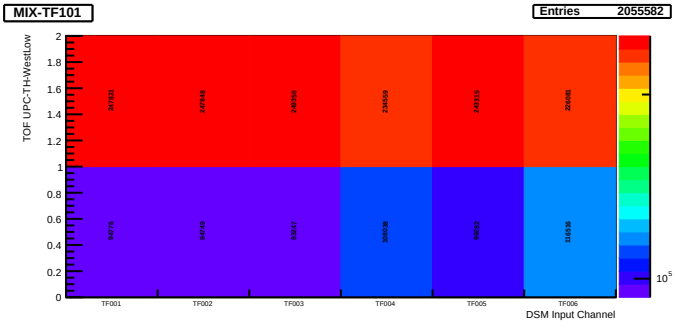

MIX-TF004
Entries 7194537
TOF MULT
TOF tray

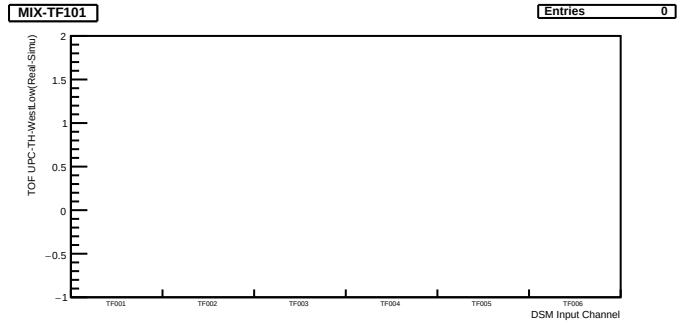

MIX-TF005
Entries 7194537
TOF MULT
TOF tray

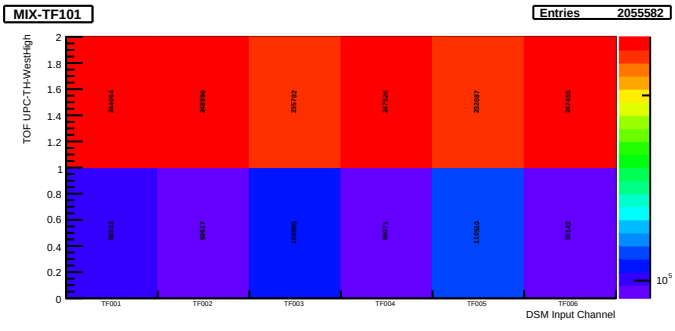

MIX-TF006
Entries 7194537
TOF MULT
TOF tray

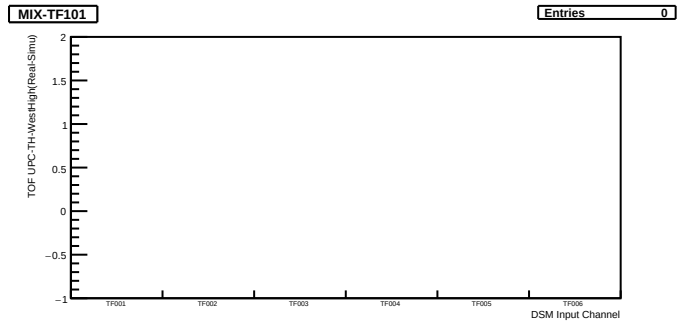

MIX-TF101
Entries 2055582
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

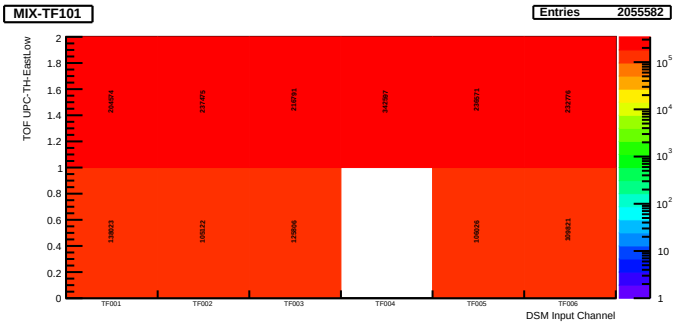

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

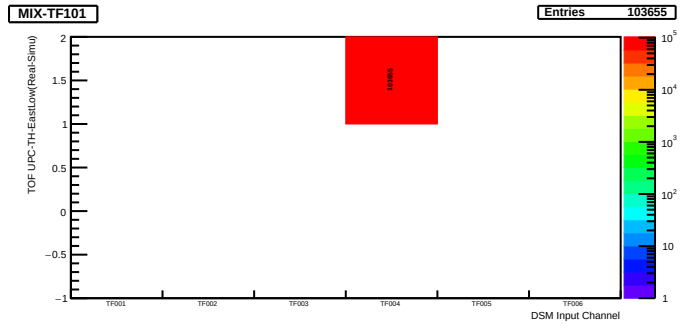

MIX-TF101
Entries 2055582
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

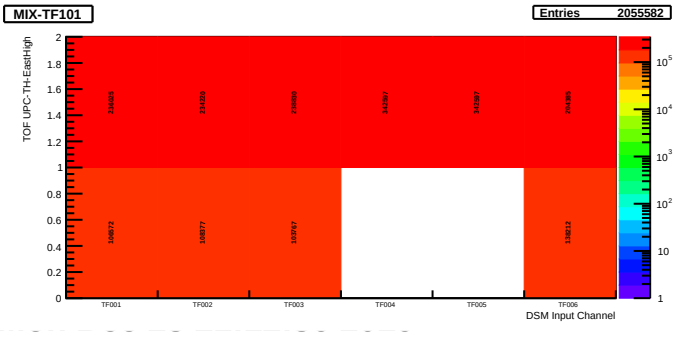

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

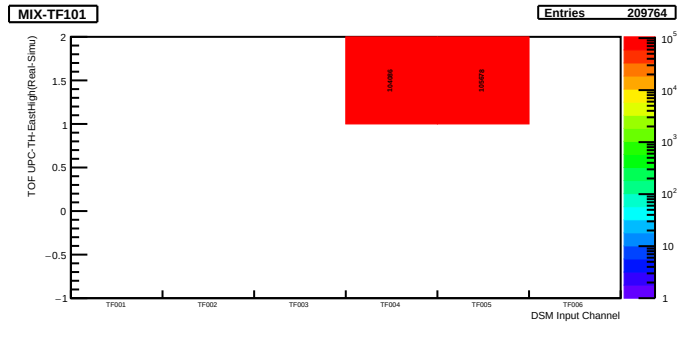

MIX-TF101
Entries 2055582
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

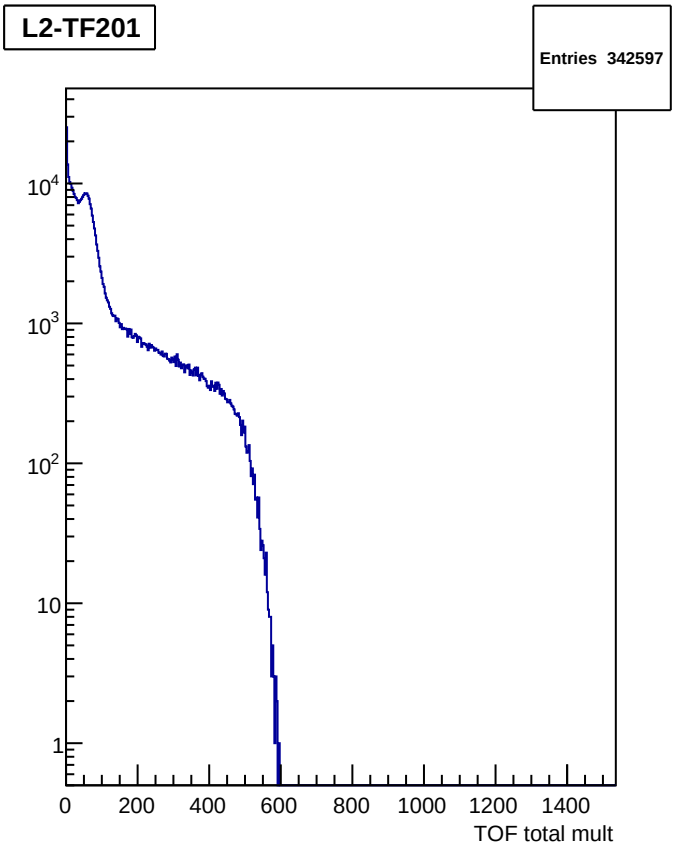

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

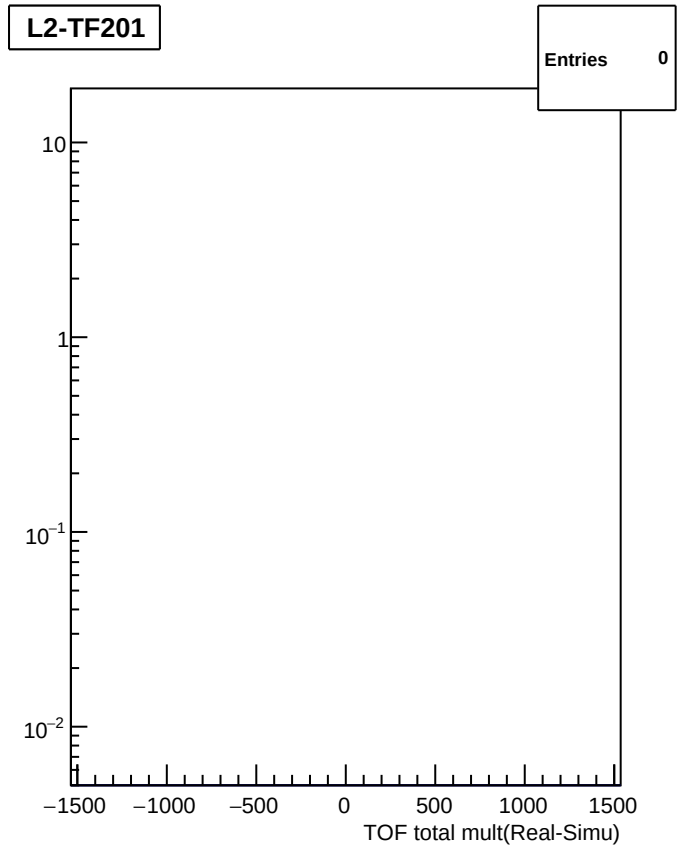

MIX-TF101
Entries 2055582
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

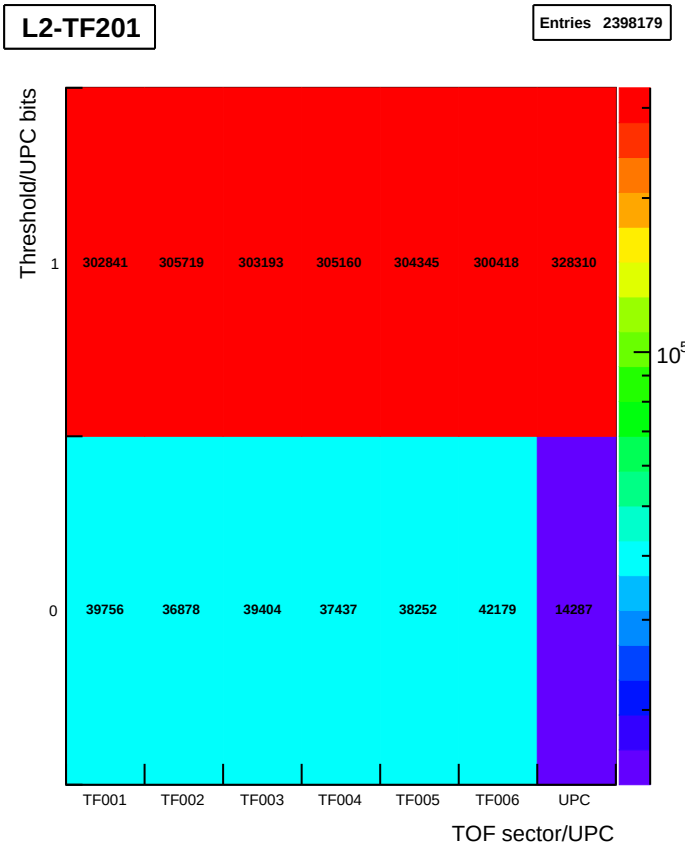

MIX-TF101
Entries 103655
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

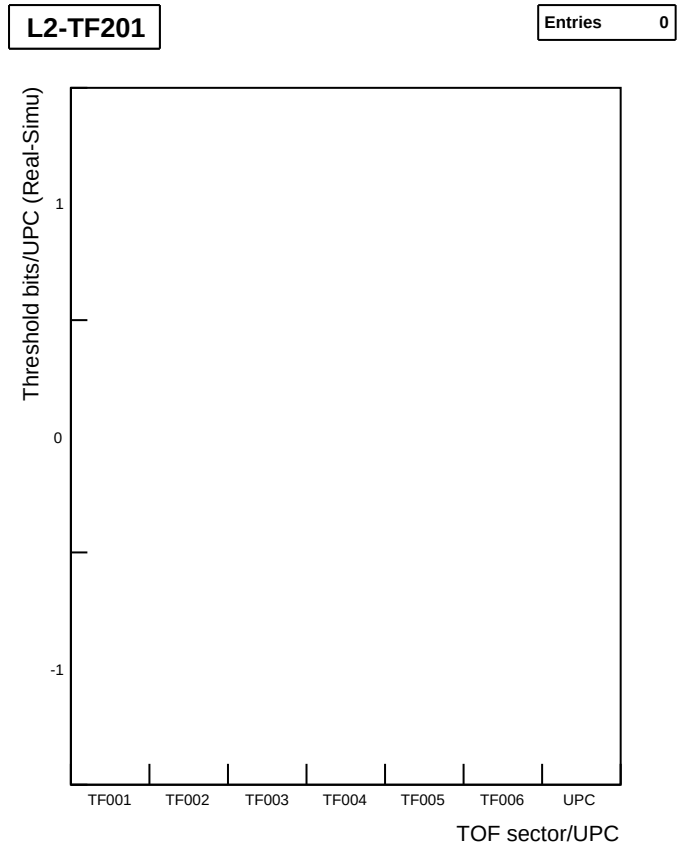

MIX-TF101
Entries 2055582
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

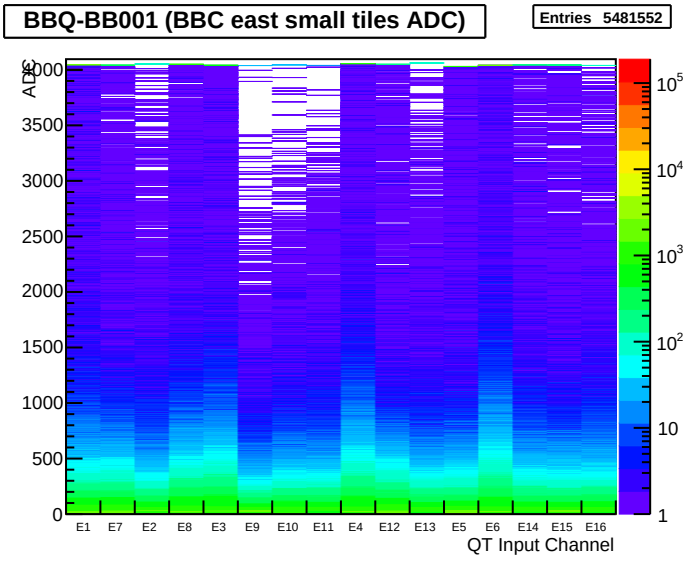

MIX-TF101
Entries 209764
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

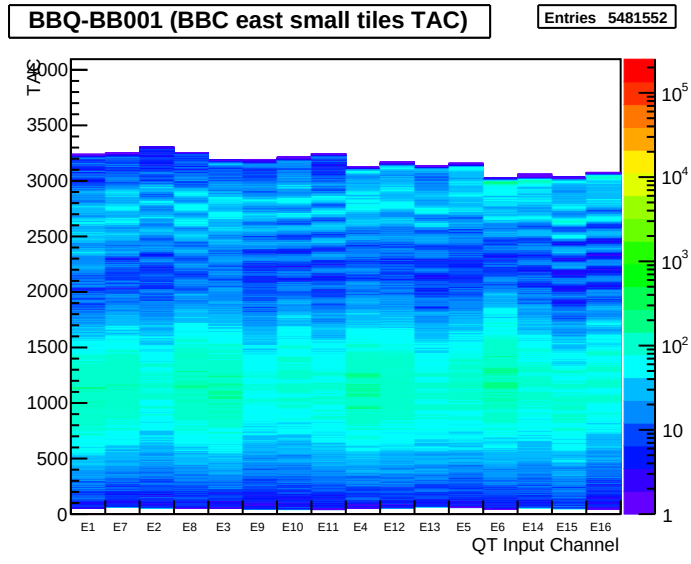

L2-TF201
Entries 342597
TOF total mult

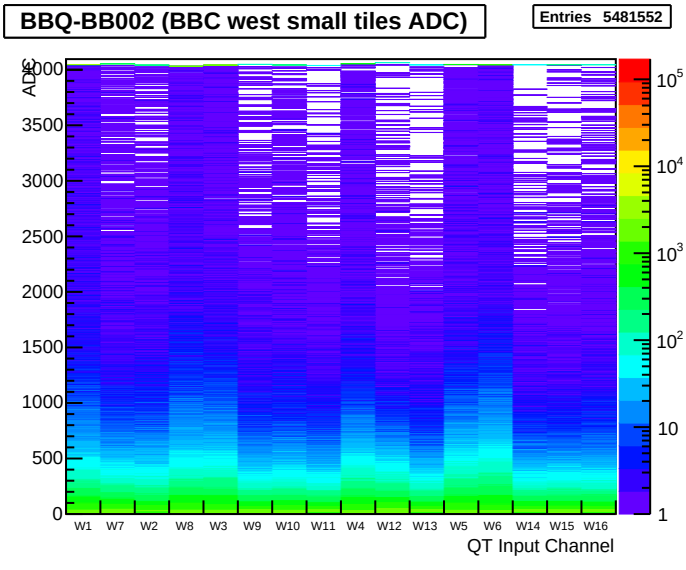

L2-TF201
Entries 0
TOF total mult(Real-Simu)

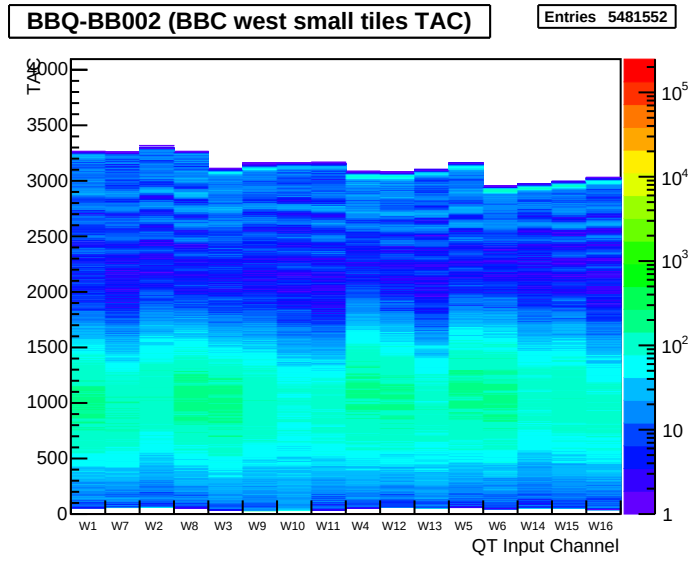

L2-TF201
Entries 2398179
Threshold/UPC bits
302841 305719 303193 305160 304345 300418 328310
39756 36878 39404 37437 38252 42179 14287
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

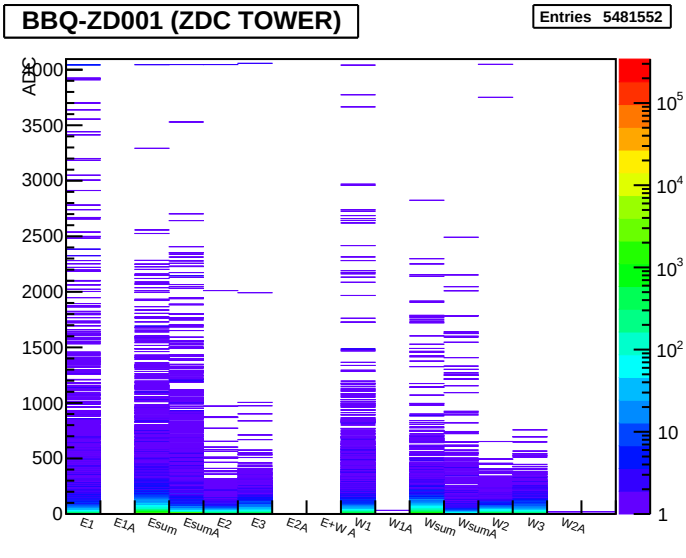

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

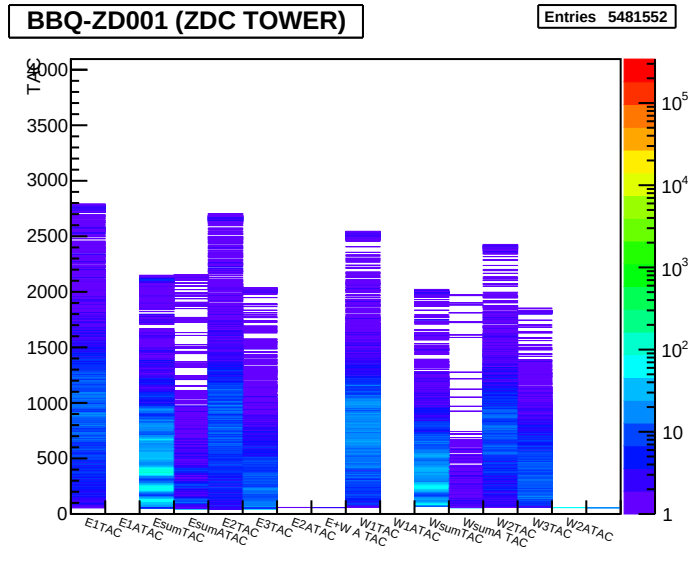

BBQ-BB001 (BBC east small tiles ADC)
Entries 5481552
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

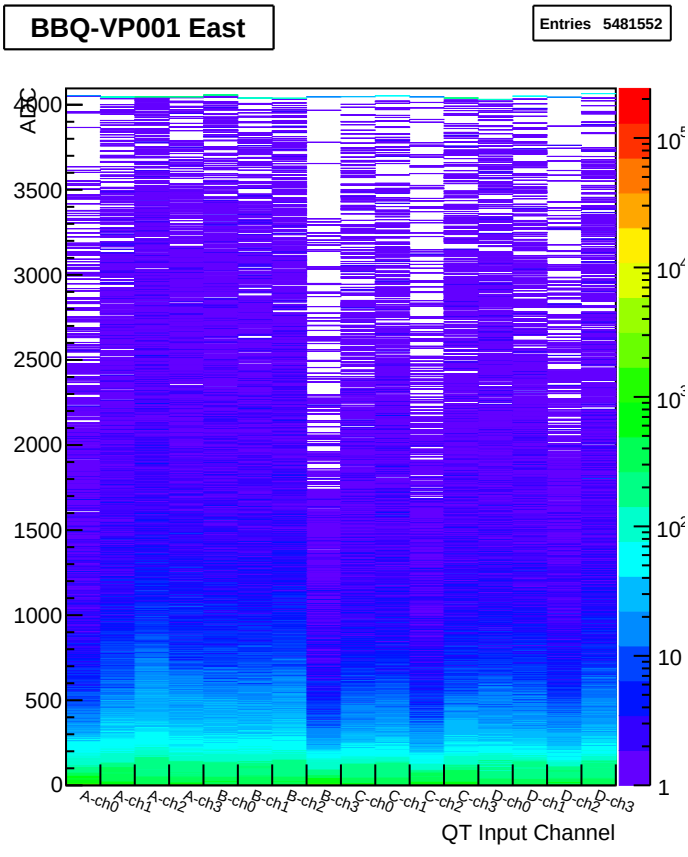

BBQ-BB001 (BBC east small tiles TAC)
Entries 5481552
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

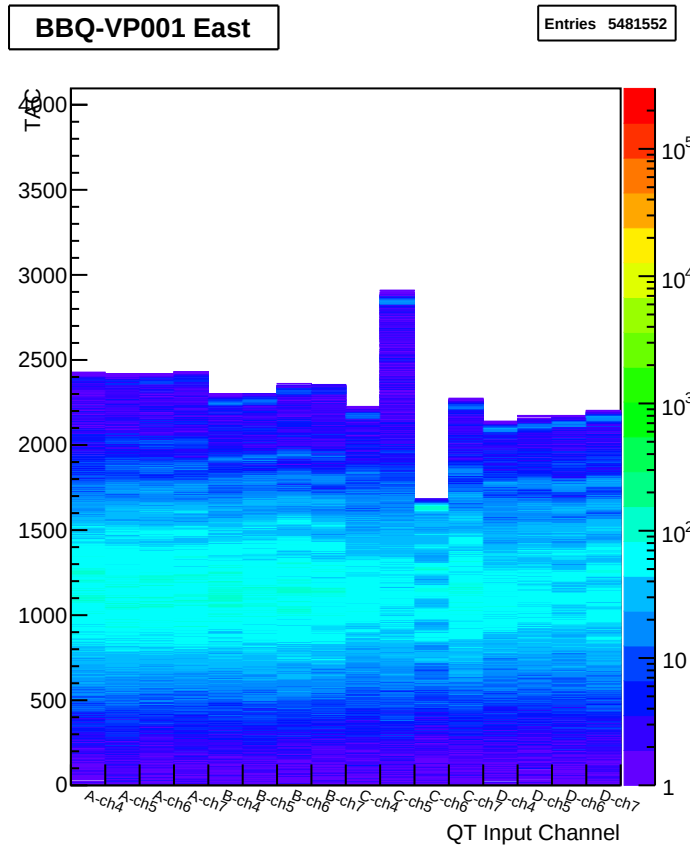

BBQ-BB002 (BBC west small tiles ADC)
Entries 5481552
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

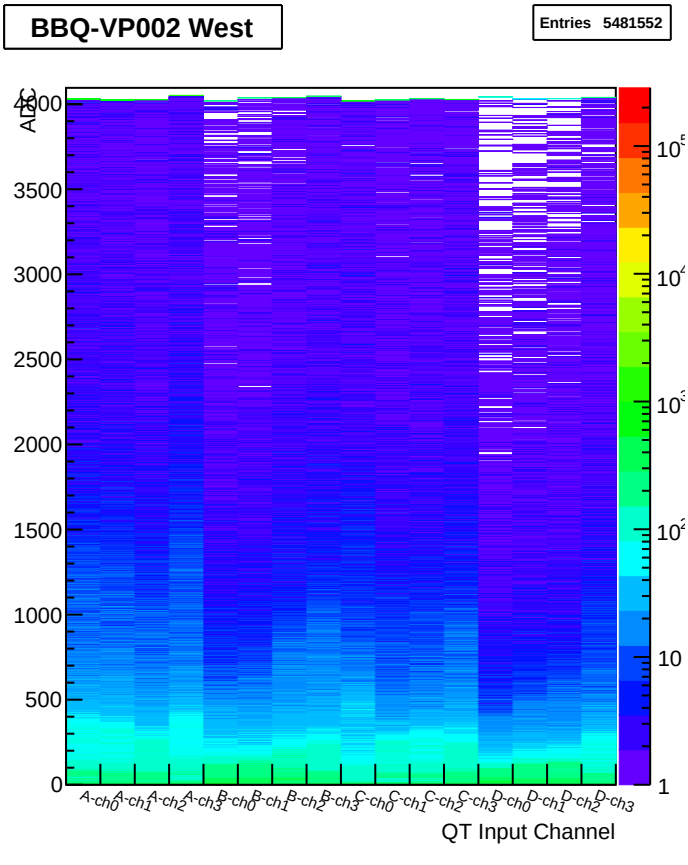

BBQ-BB002 (BBC west small tiles TAC)
Entries 5481552
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

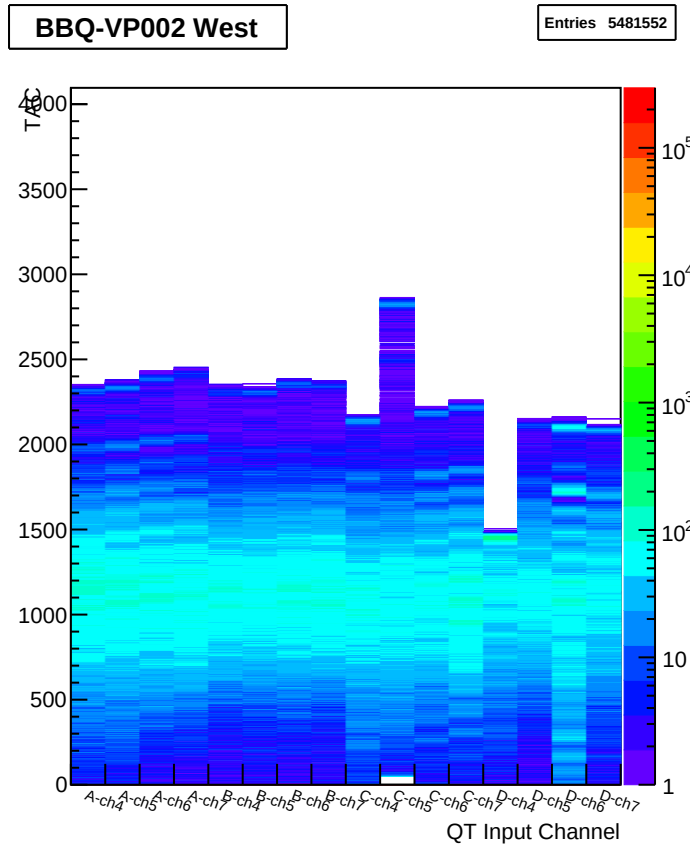

BBQ-ZD001 (ZDC TOWER)
Entries 5481552
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

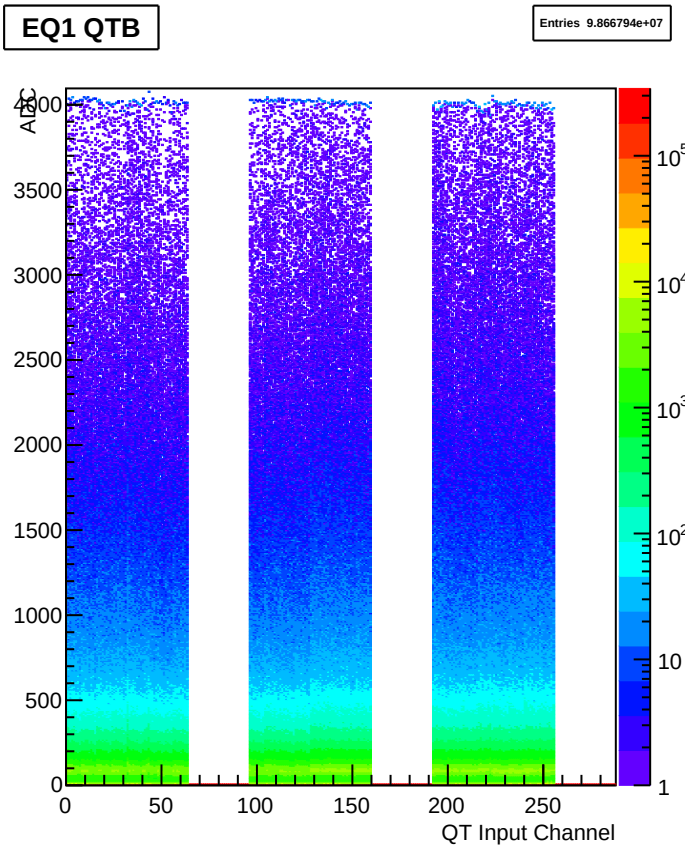

BBQ-ZD001 (ZDC TOWER)
Entries 5481552
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

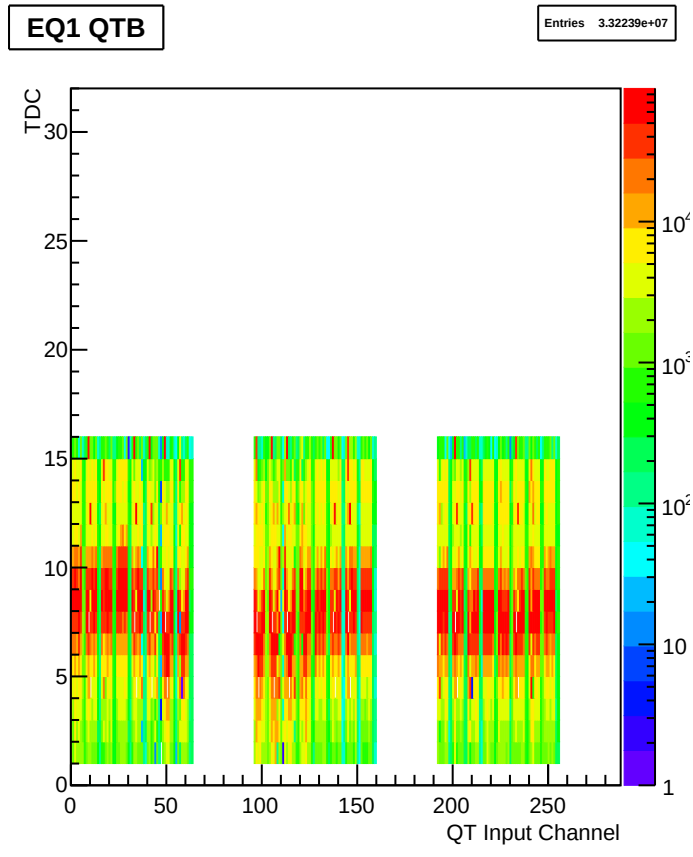

BBQ-VP001 East
Entries 5481552
ADC
QT Input Channel

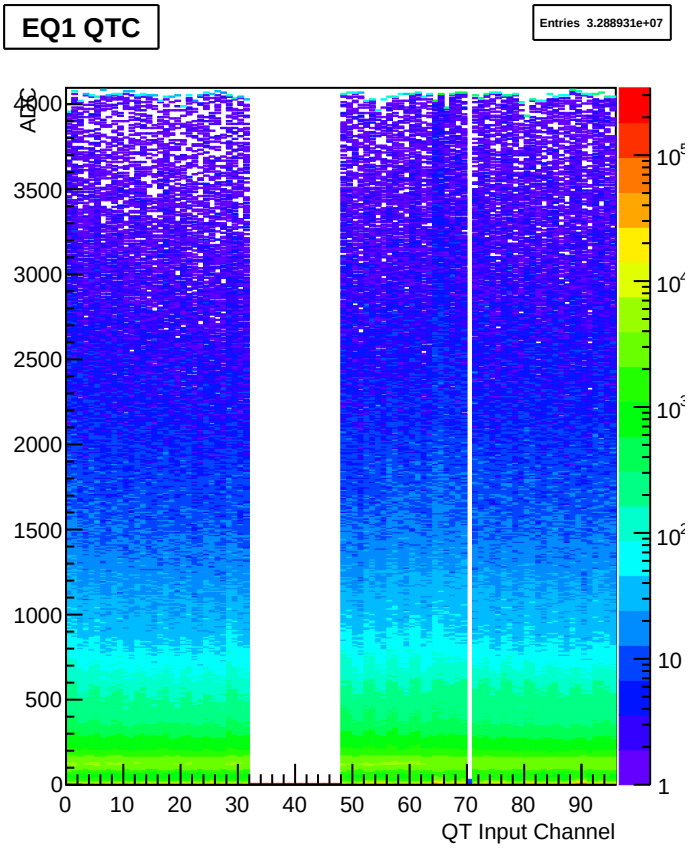

BBQ-VP001 East
Entries 5481552
TADC
QT Input Channel

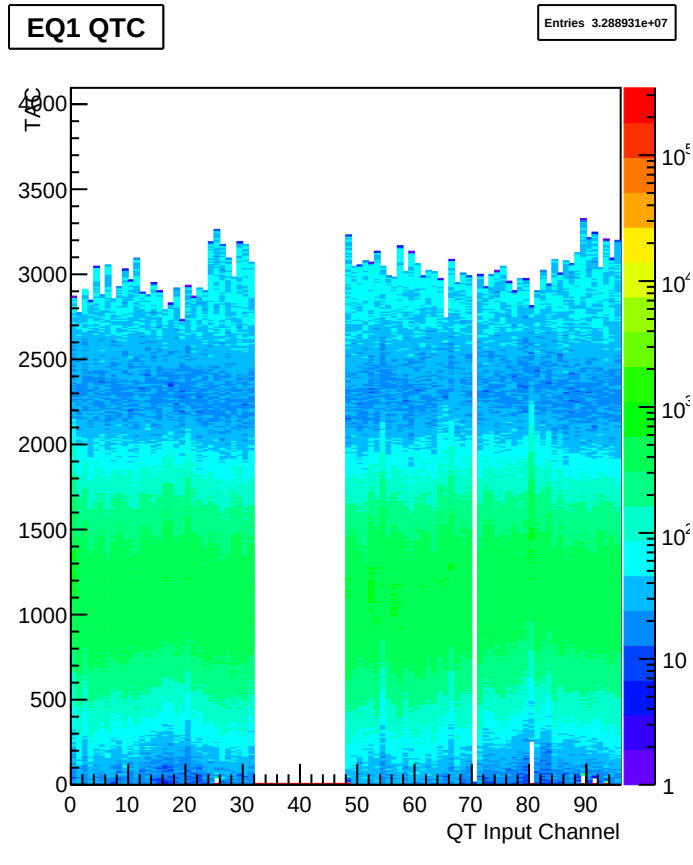

BBQ-VP002 West
Entries 5481552
ADC
QT Input Channel

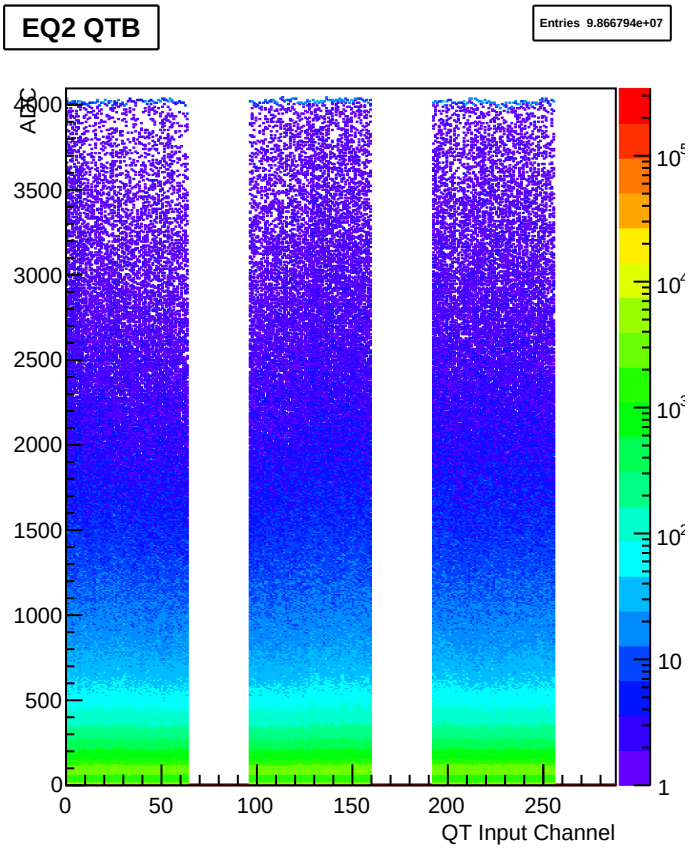

BBQ-VP002 West
Entries 5481552
TADC
QT Input Channel

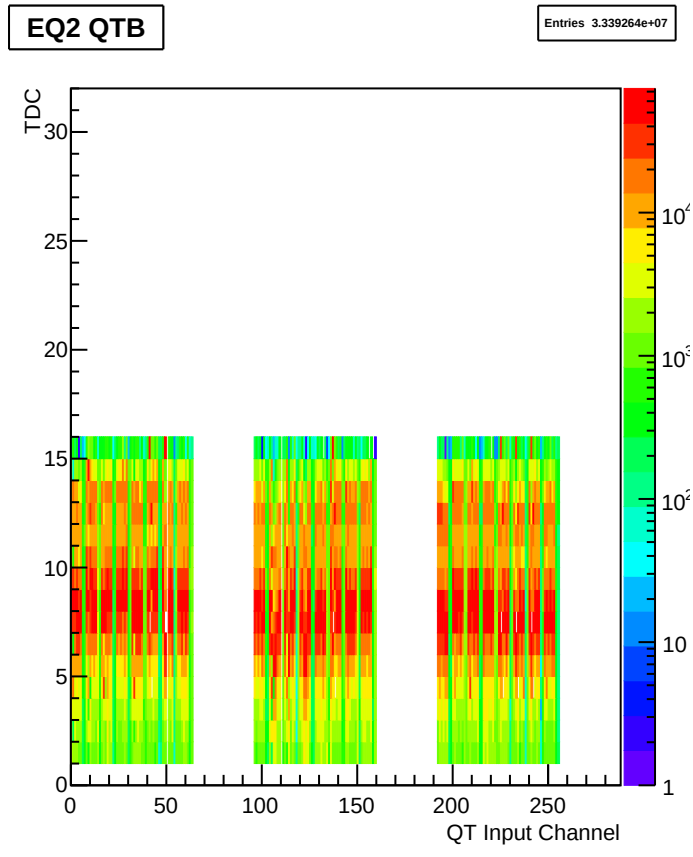

EQ1 QTB
Entries 9.866794e+07
ADC
QT Input Channel

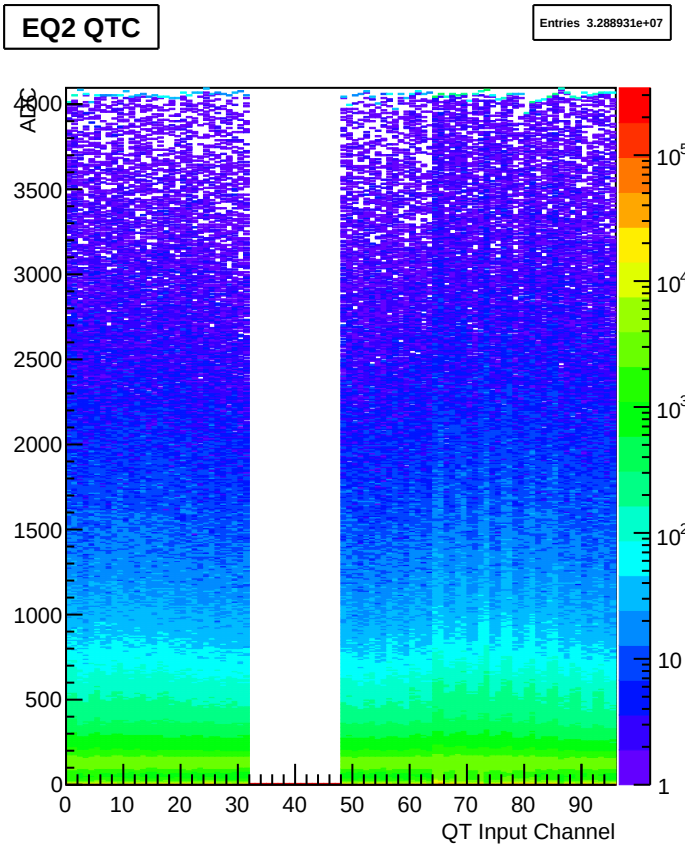

EQ1 QTB
Entries 3.32239e+07
TDC
QT Input Channel

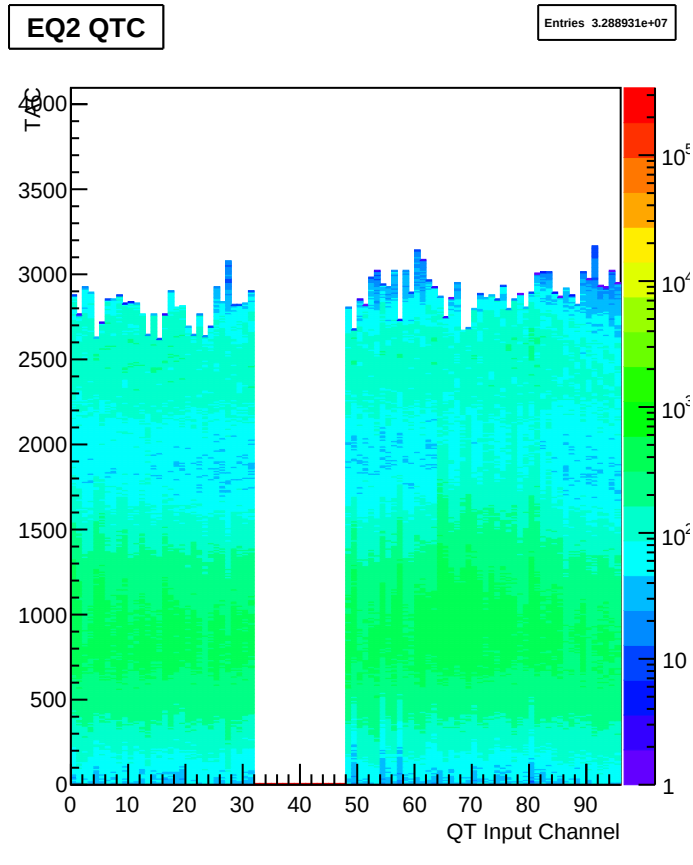

EQ1 QTC
Entries 3.288931e+07
ADC
QT Input Channel

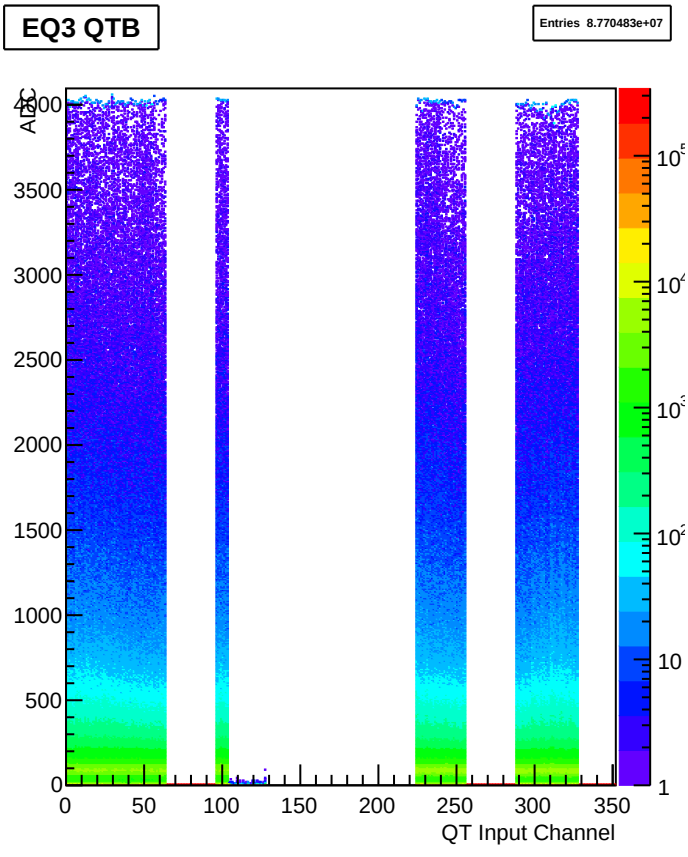

EQ1 QTC
Entries 3.288931e+07
TADC
QT Input Channel

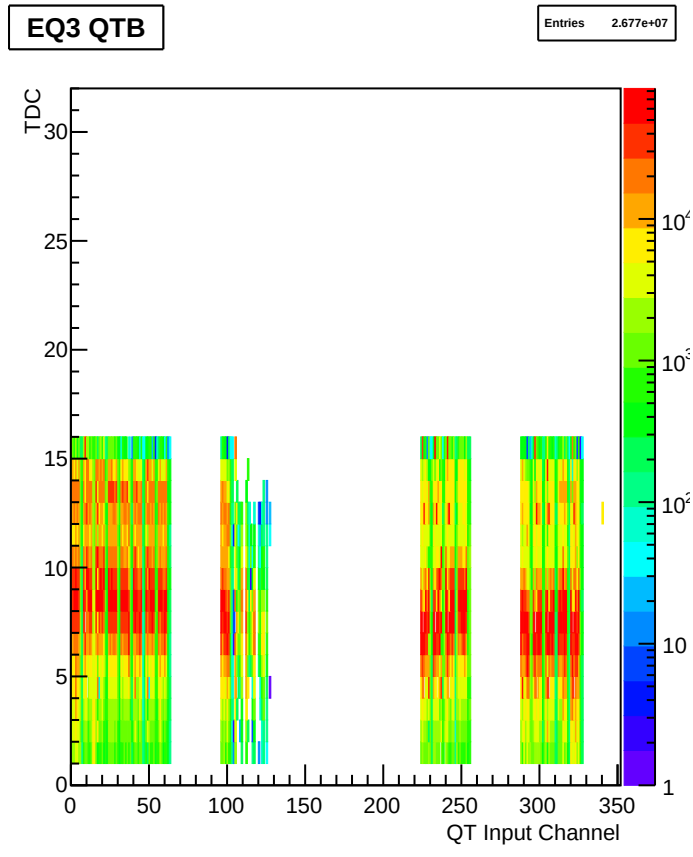

EQ2 QTB
Entries 9.866794e+07
ADC
QT Input Channel

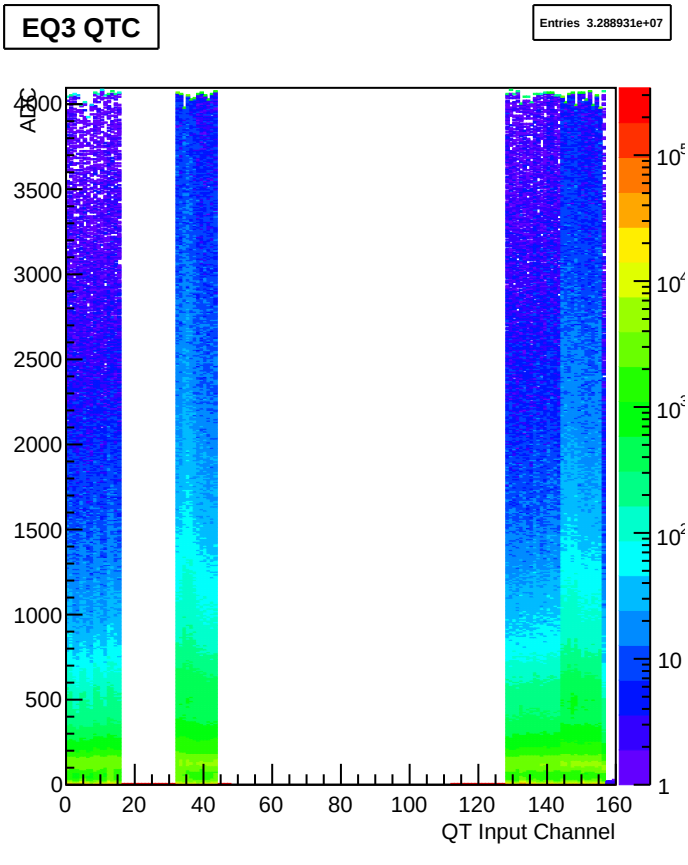

EQ2 QTB
Entries 3.339264e+07
TDC
QT Input Channel

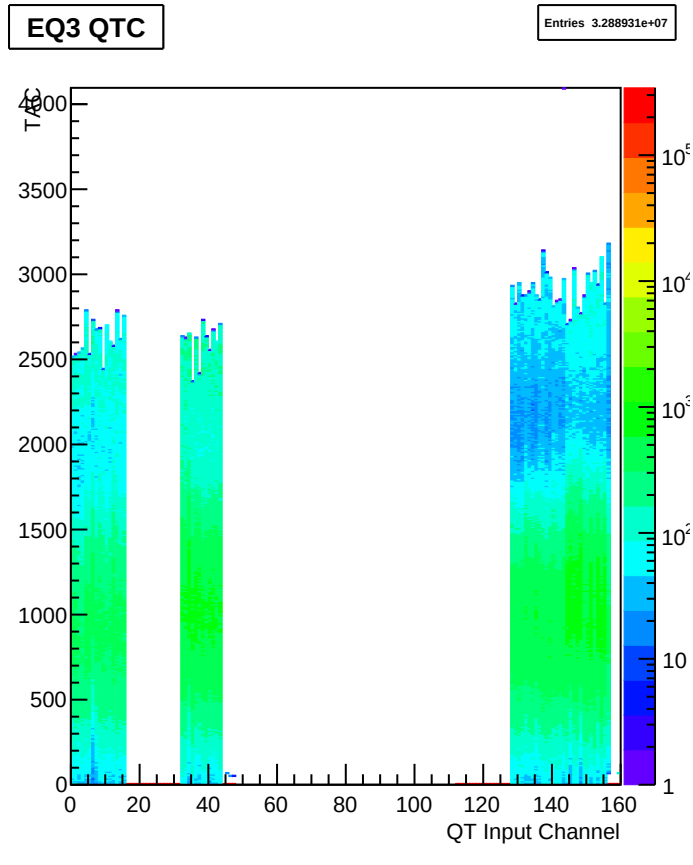

EQ2 QTC
Entries 3.288931e+07
ADC
QT Input Channel

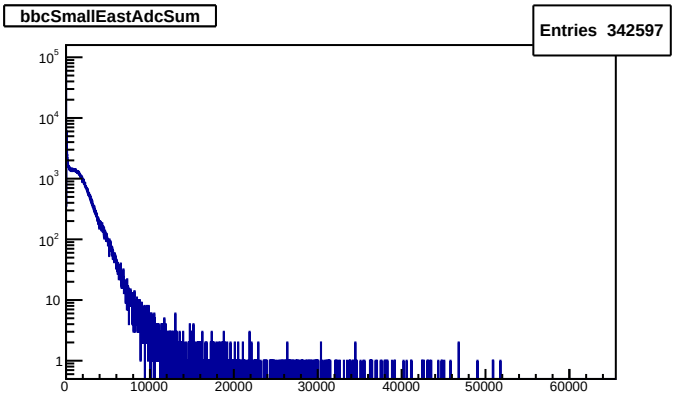

EQ2 QTC
Entries 3.288931e+07
TADC
QT Input Channel

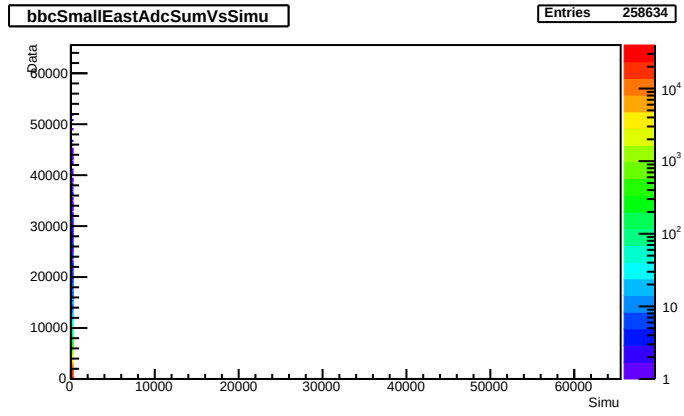

EQ3 QTB
Entries 8.770483e+07
ADC
QT Input Channel

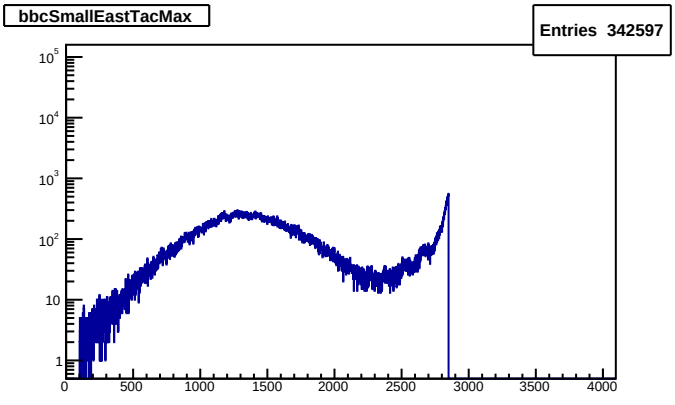

EQ3 QTB
Entries 2.677e+07
TDC
QT Input Channel

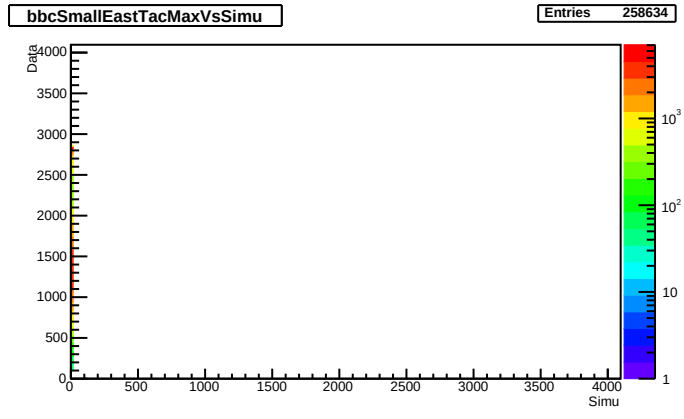

EQ3 QTC
Entries 3.288931e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.288931e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 342597


bbcSmallEastAdcSumVsSimu
Entries 258634
Data
Simu


bbcSmallEastTacMax
Entries 342597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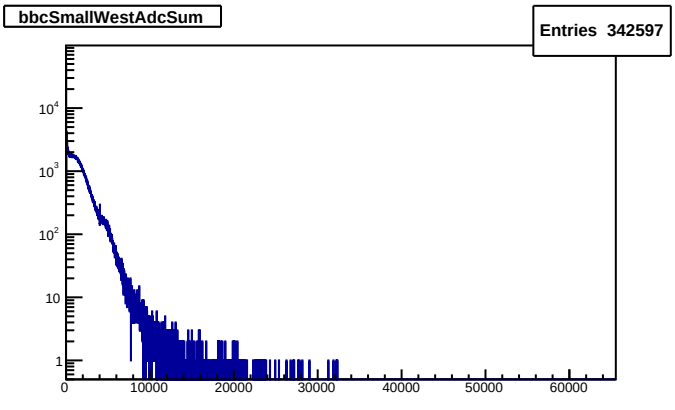
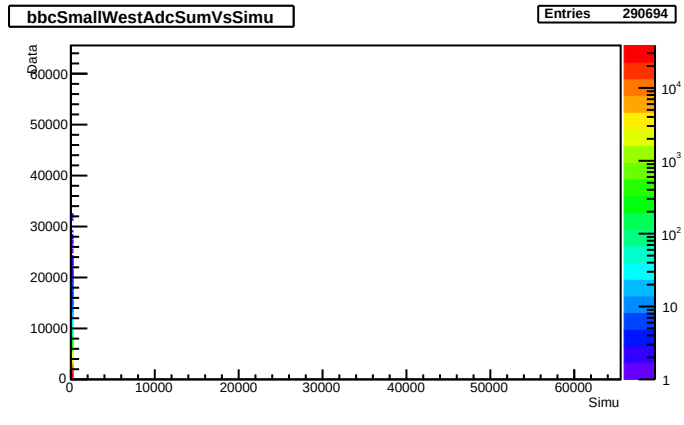

bbcSmallWestAdcSum
Entries 342597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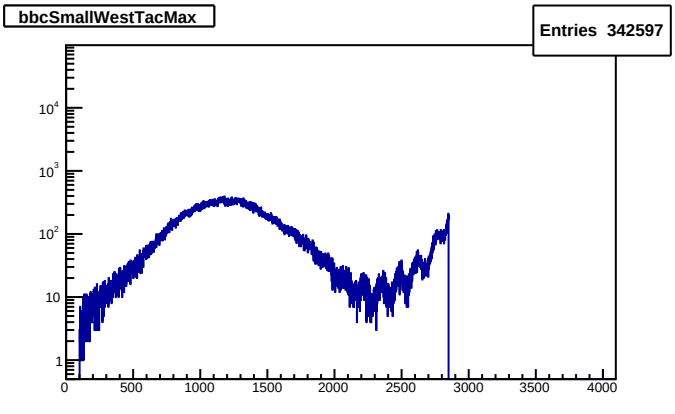
Entries 290694
Data
Simu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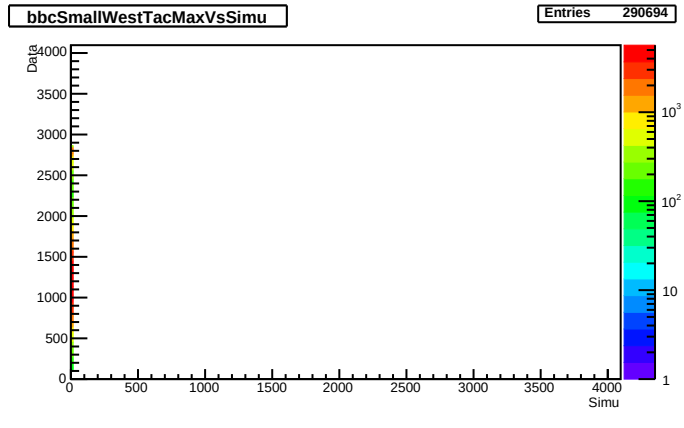
Entries 342597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Entries 290694
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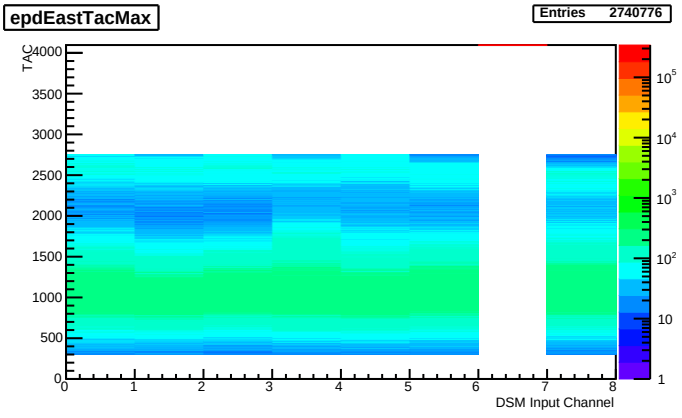
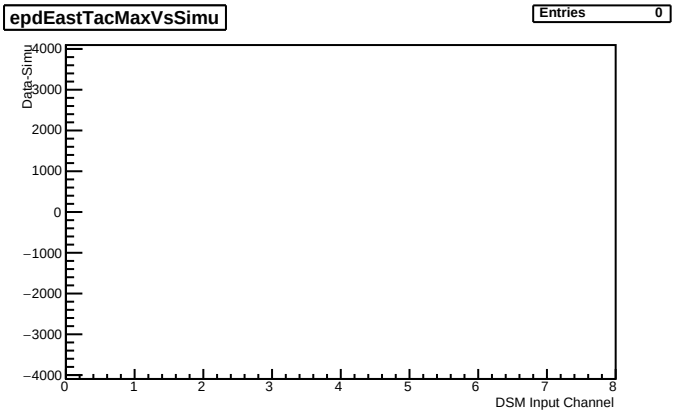
Simu


epdEastTacMax
Entries 2740776
TAC
DSM Input Channel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Data-Simu
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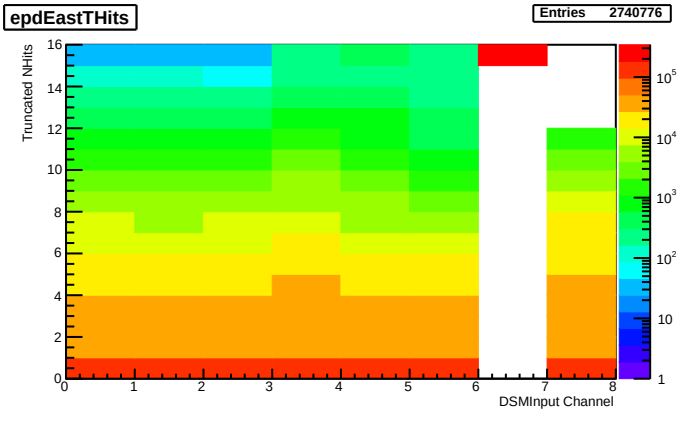
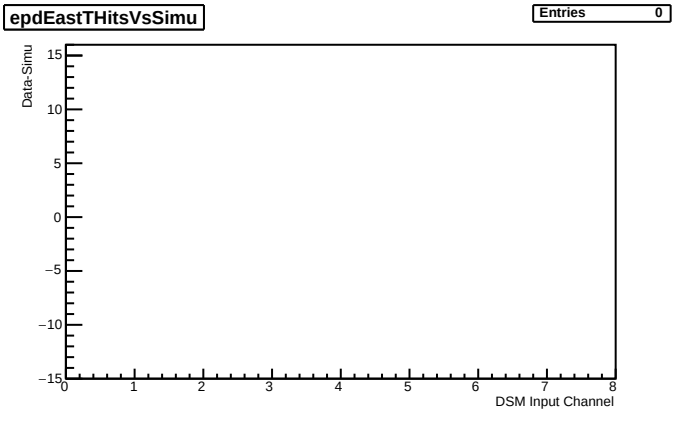

epdEastTHits
Entries 2740776
Truncated NHits
DSMInput Channel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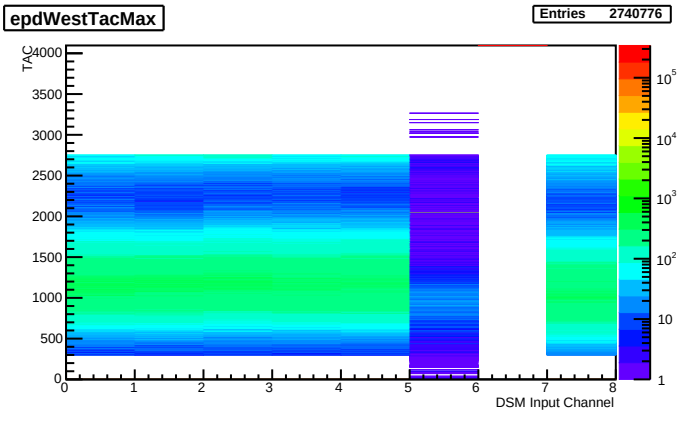
Data-Simu
DSM Input Channel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TAC
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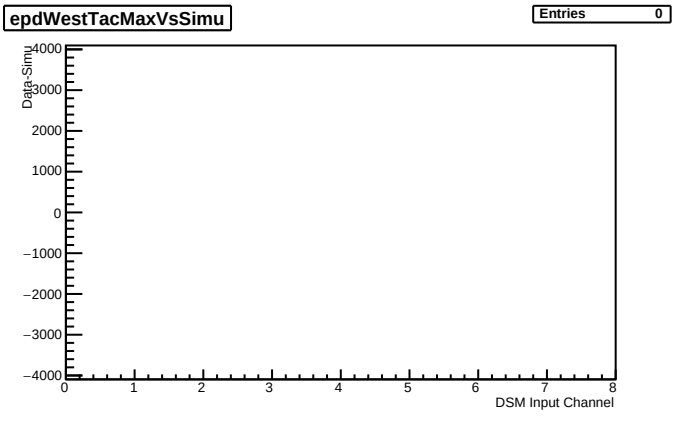
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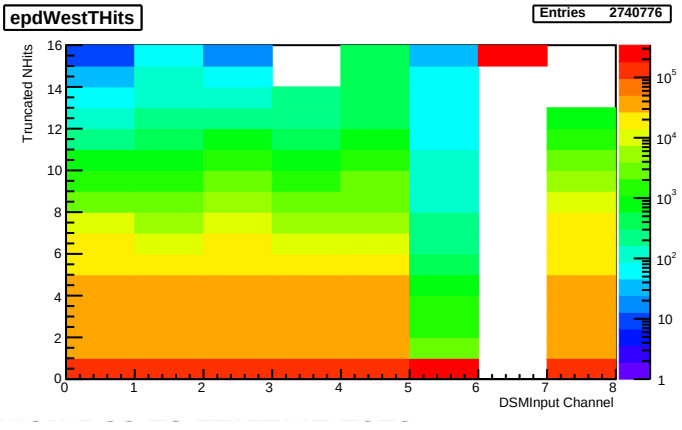
Data-Simu
DSM Input Channel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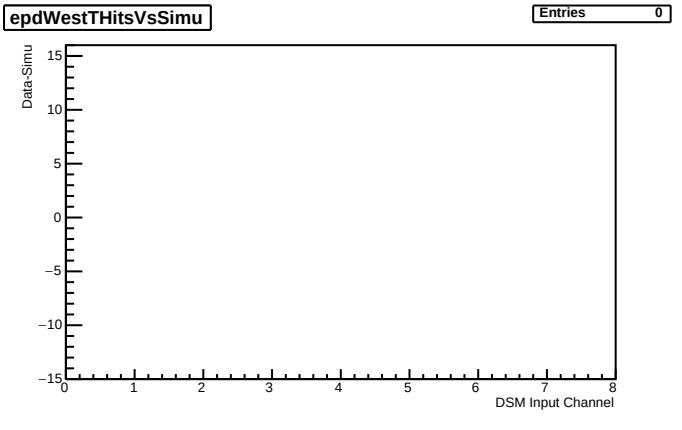
Truncated NHits
DSMInput Channel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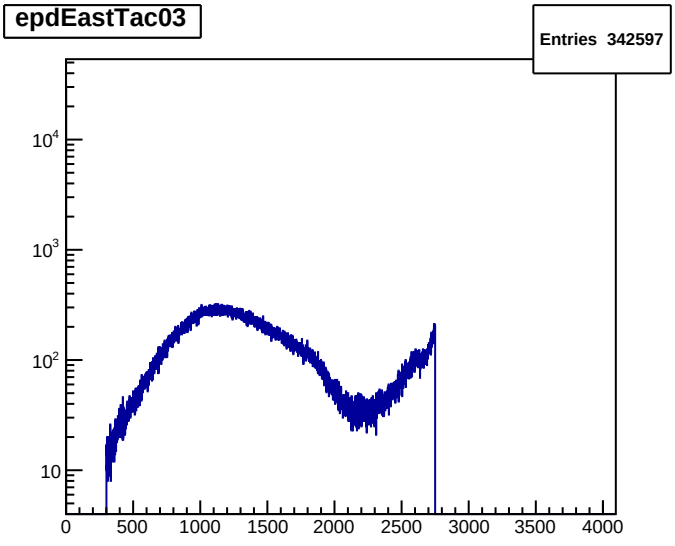
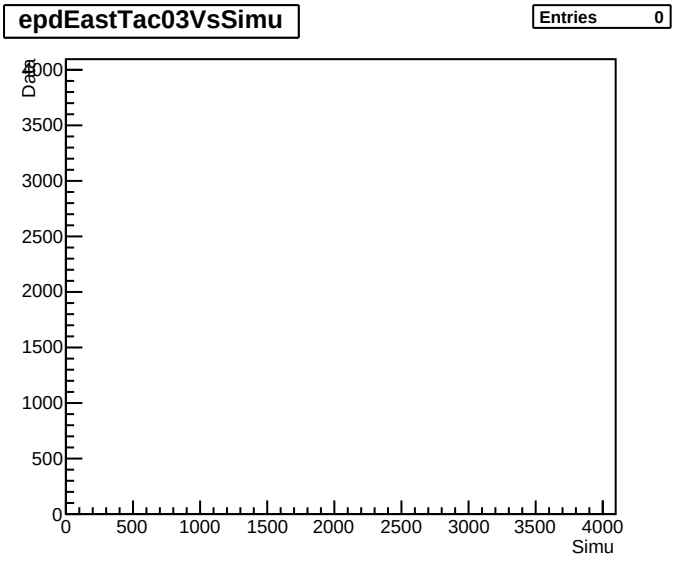
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 342597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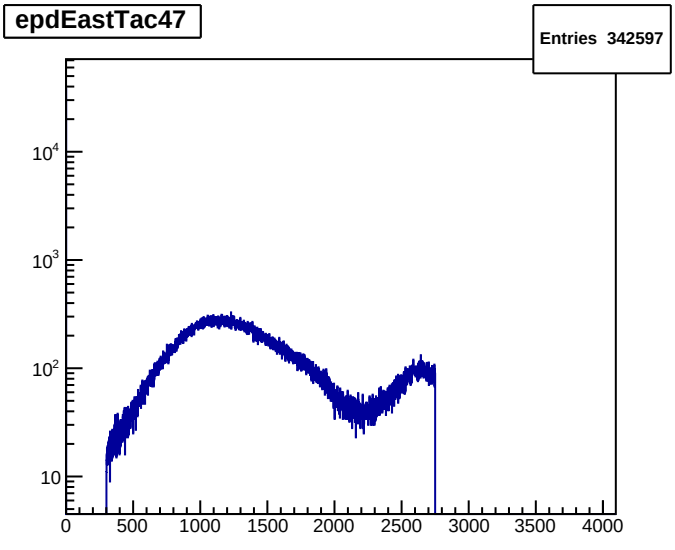
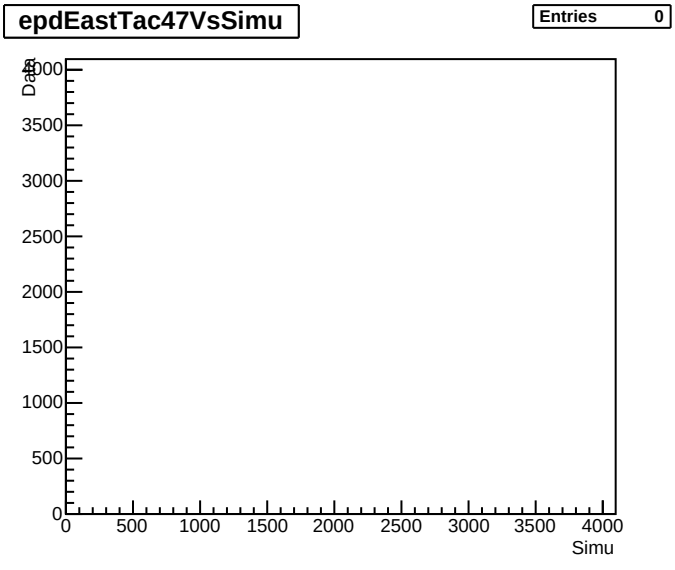
Entries 0
Data
Simu


epdEastTac47
Entries 342597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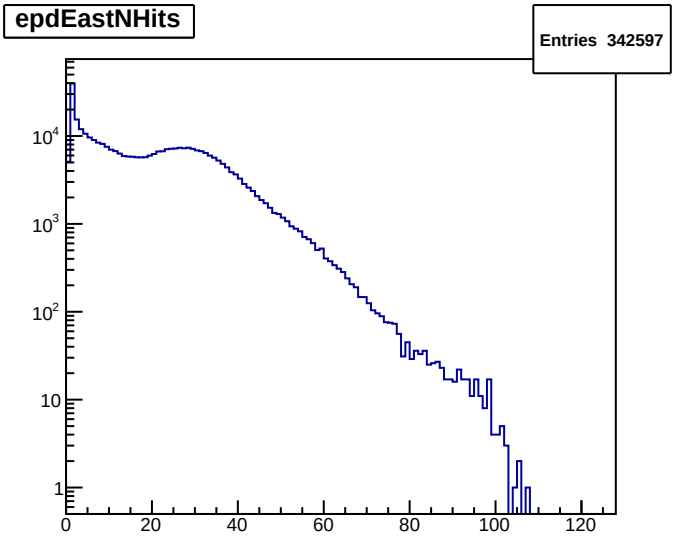
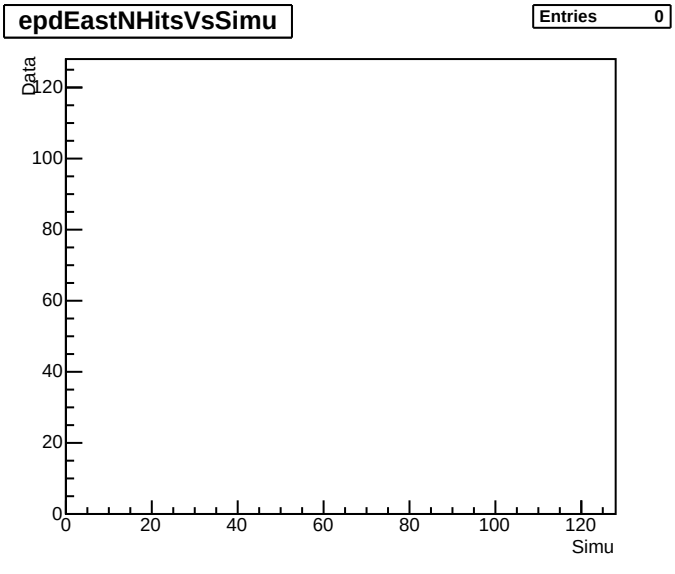
Entries 0
Data
Simu


epdEastNHits
Entries 342597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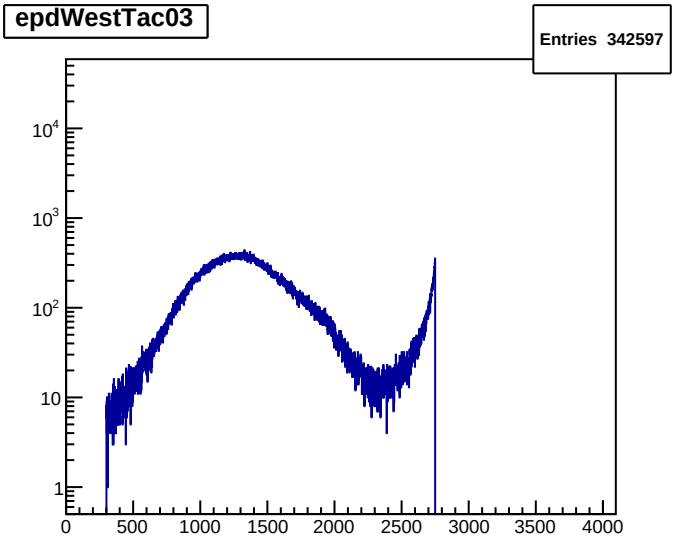
Entries 0
Data
Simu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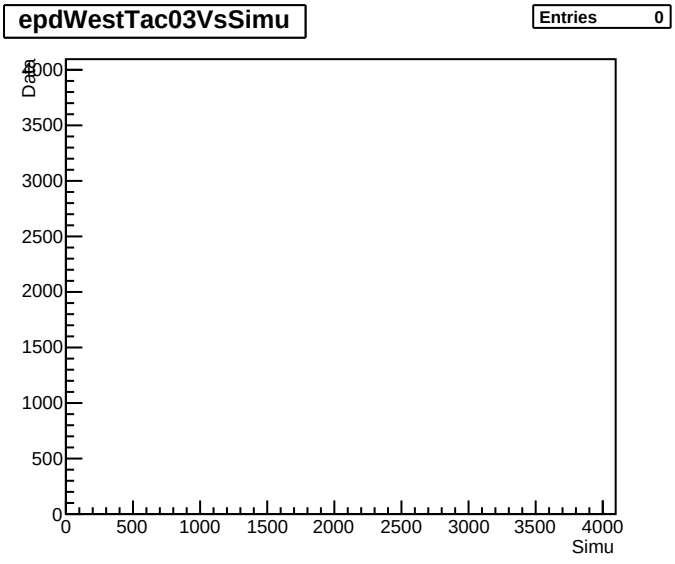
Entries 342597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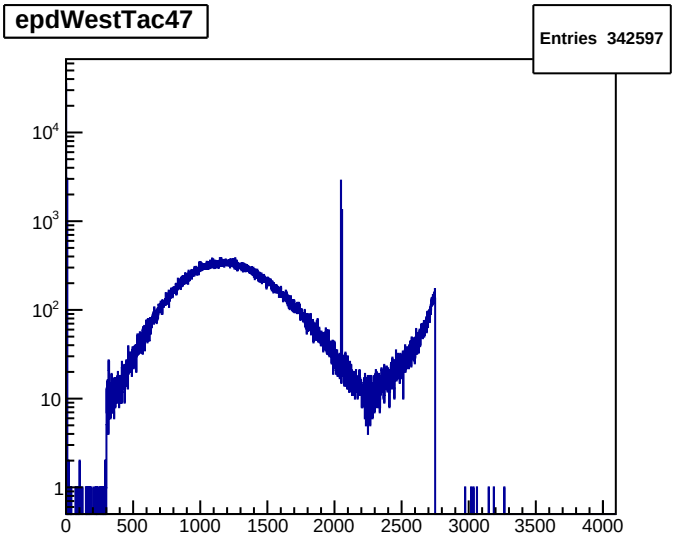
Entries 0
Data
Simu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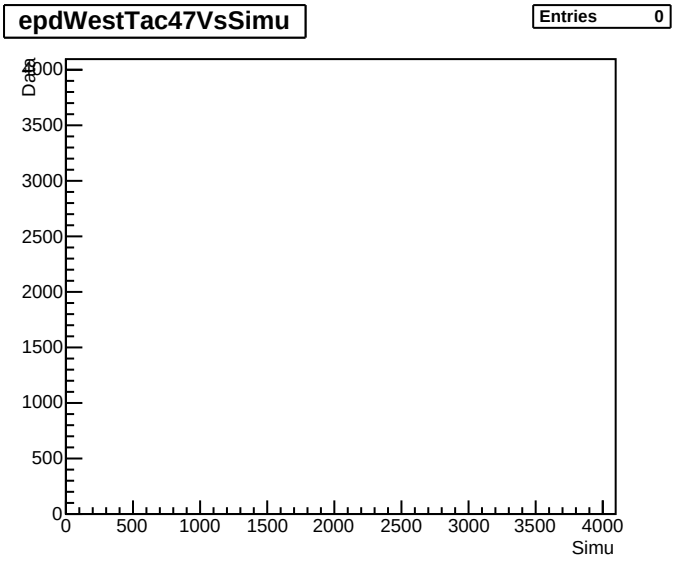
Entries 342597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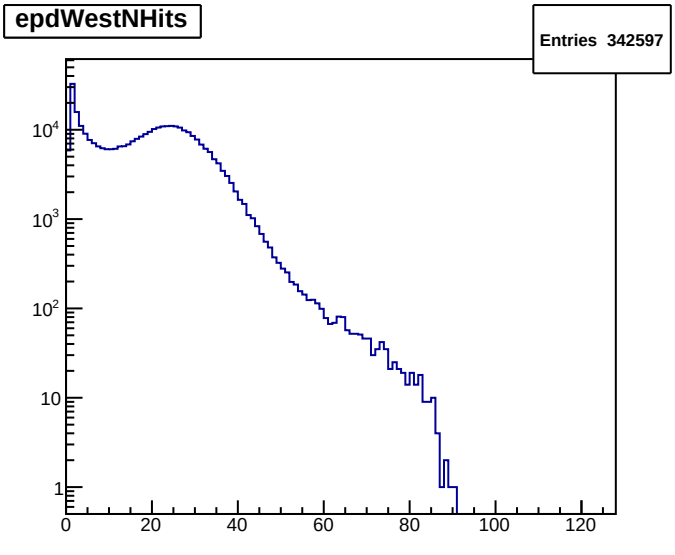
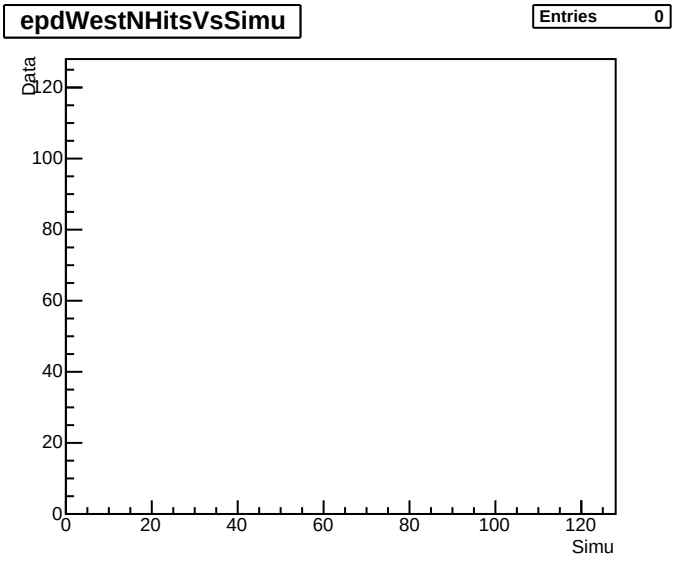
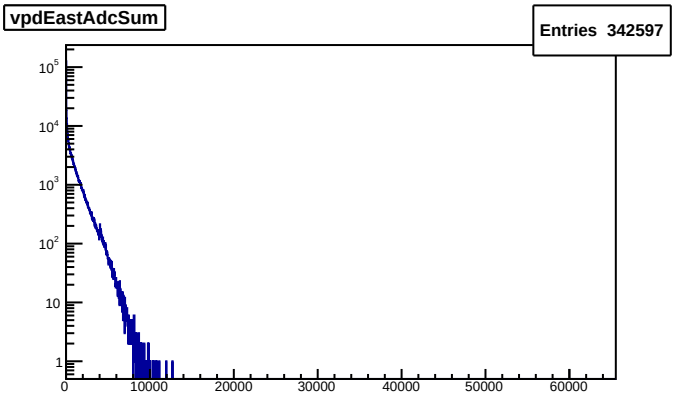
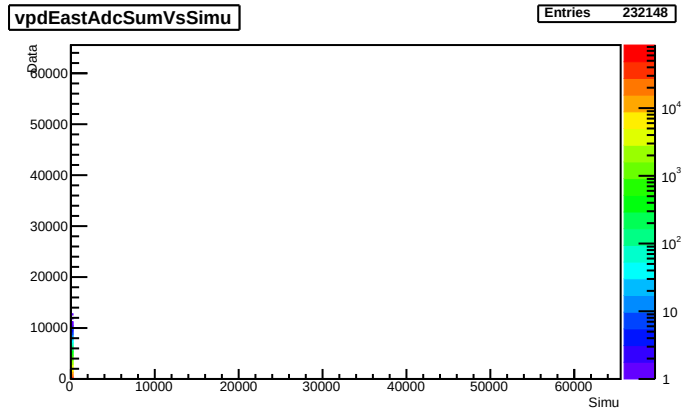
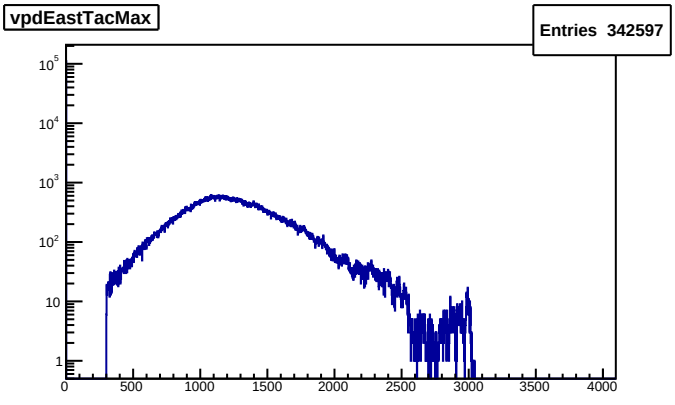
Data
Simu

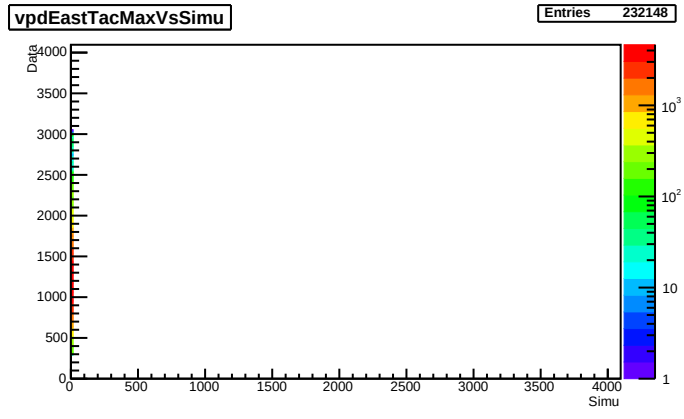

epdWestNHits
Entries 342597

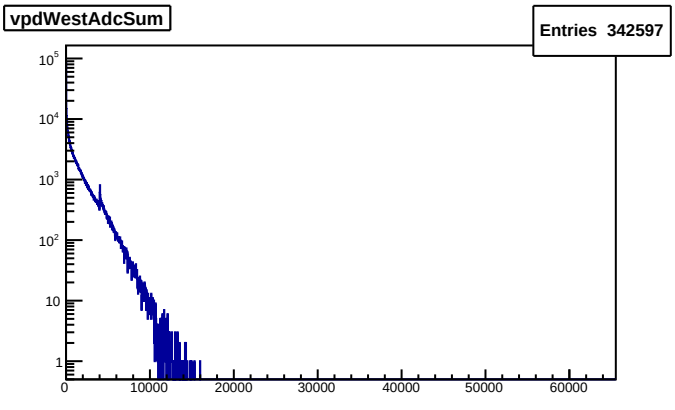

epdWestNHitsVsSimu
Entries 0
Data
Simu

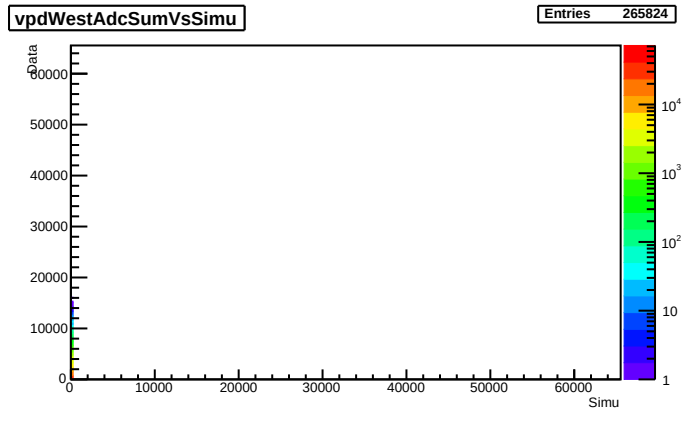

vpdEastAdcSum
Entries 342597


vpdEastAdcSumVsSimu
Entries 232148
Data
Simu


vpdEastTacMax
Entries 342597


vpdEastTacMaxVsSimu
Entries 232148
Data
Simu


vpdWestAdcSum
Entries 342597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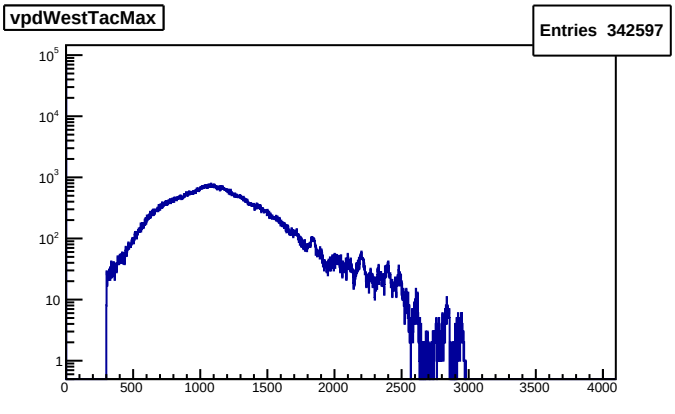
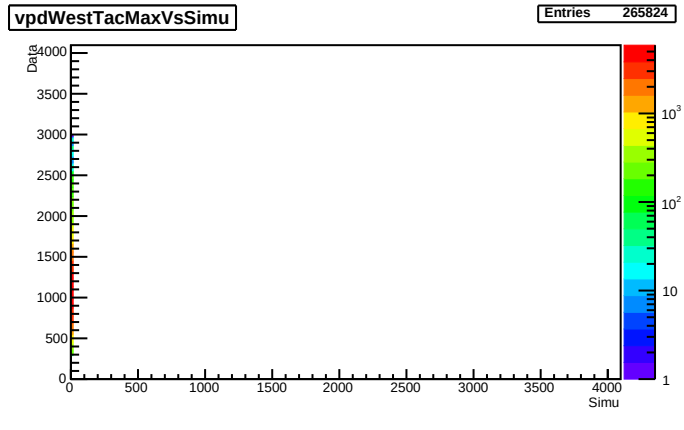
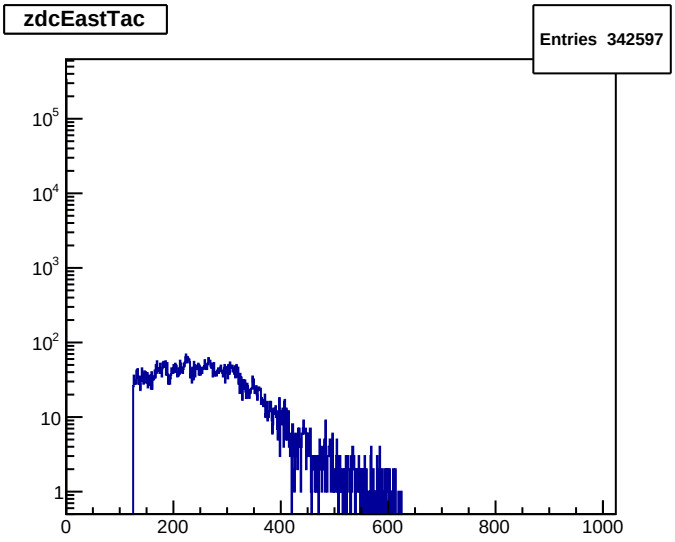
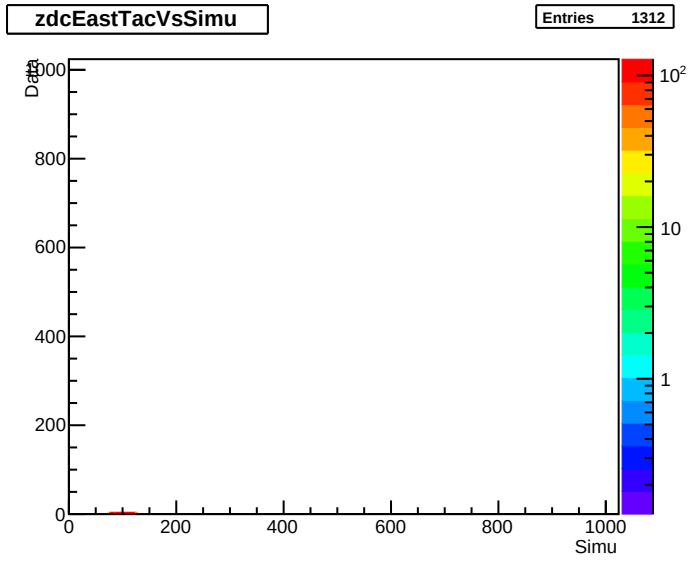
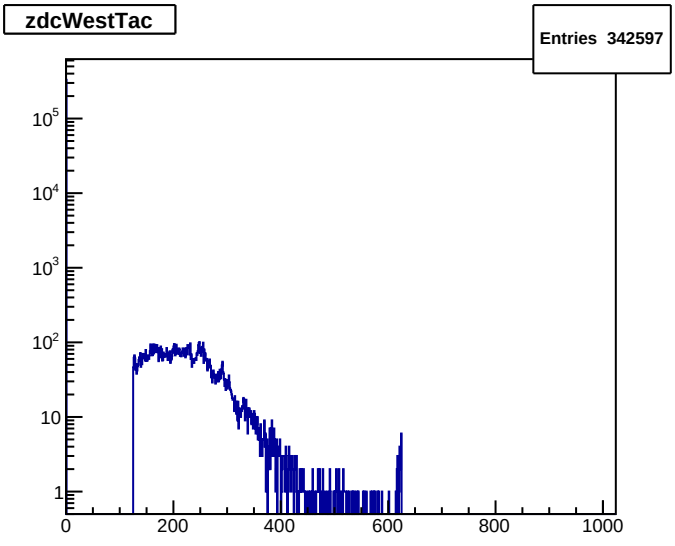
Entries 265824
Data
Simu

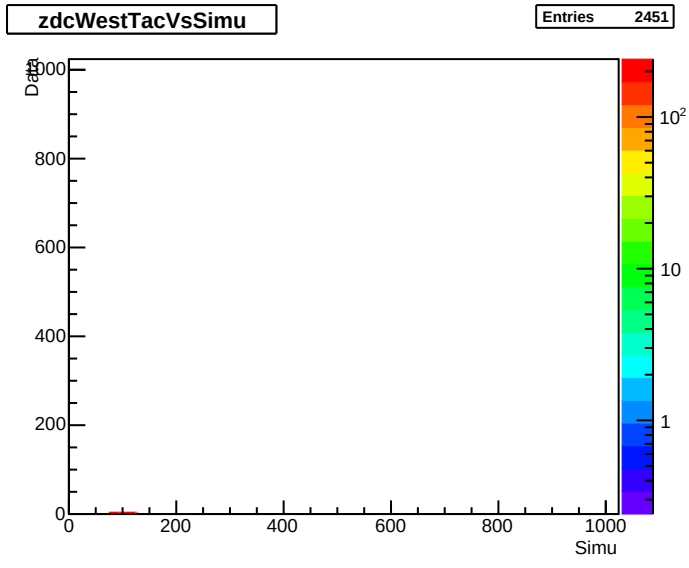

vpdWestTacMax
Entries 342597

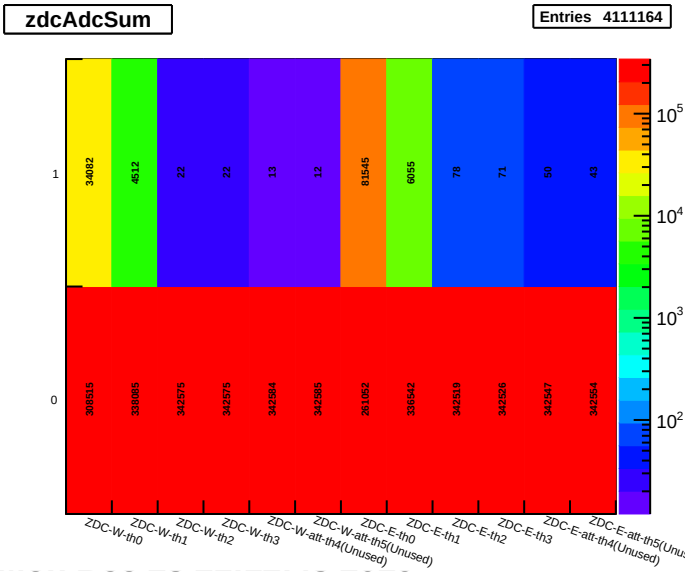

vpdWestTacMaxVsSimu
Entries 265824
Data
Simu

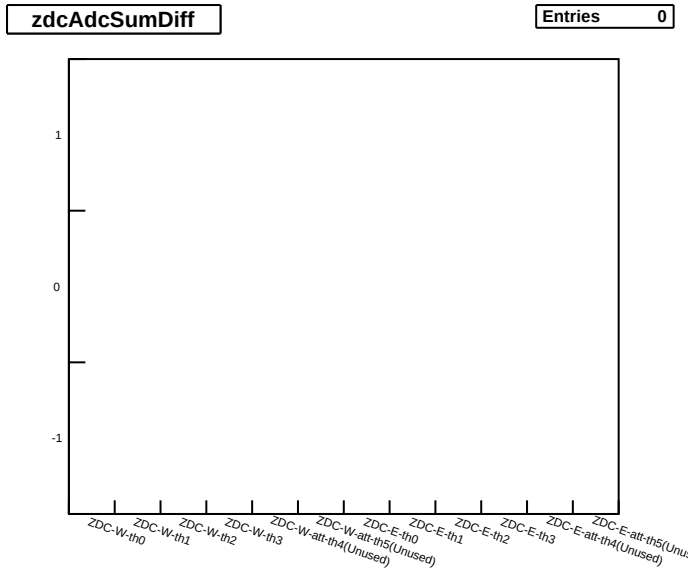

zdcEastTac
Entries 342597

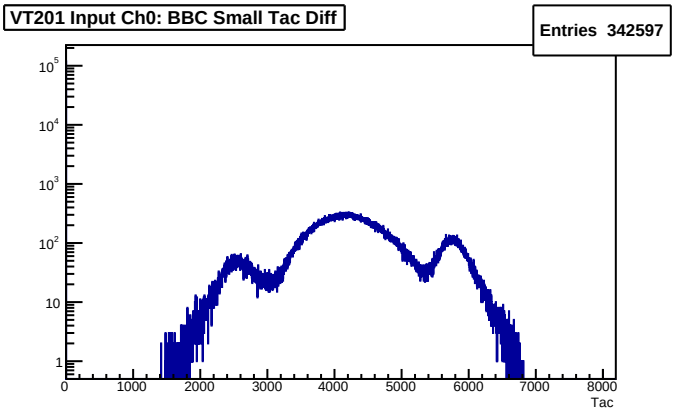

zdcEastTacVsSimu
Entries 1312
Data
Simu

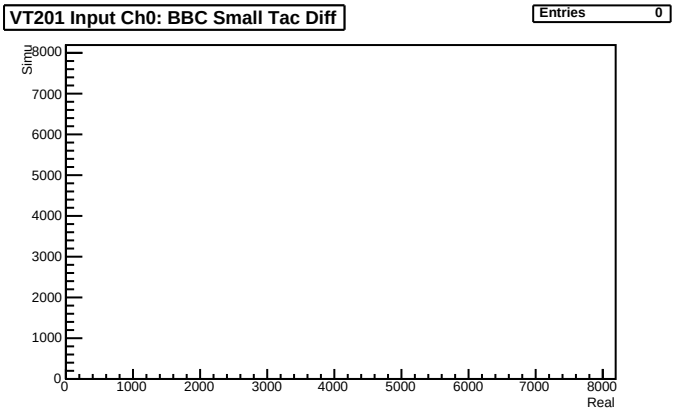

zdcWestTac
Entries 342597

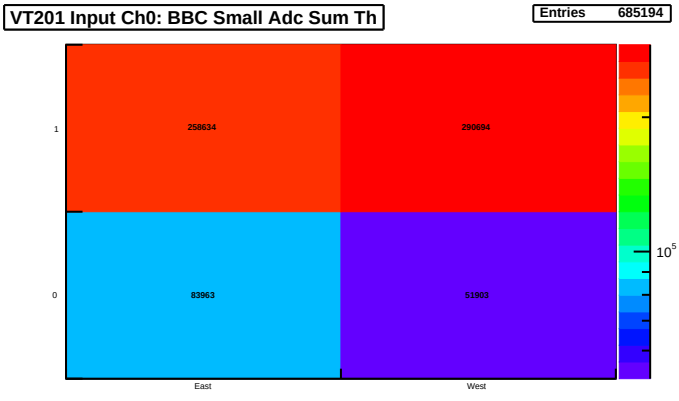

zdcWestTacVsSimu
Entries 2451
Data
Simu

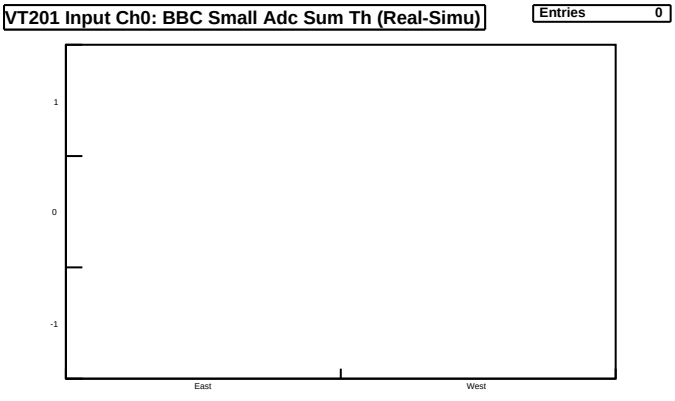

zdcAdcSum
Entries 4111164
34082
4512
22
22
13
12
81545
6055
78
71
50
43
308515
338085
342575
342575
342584
342585
261052
336542
342519
342526
342547
342554
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

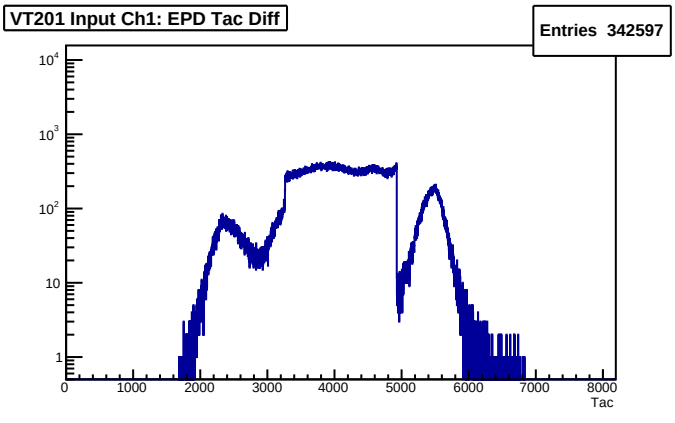

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

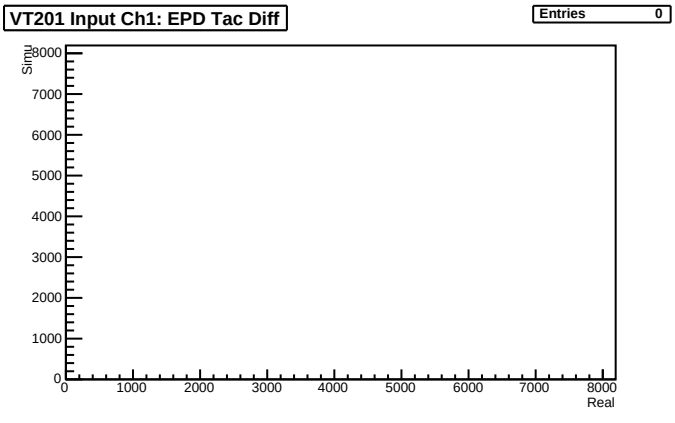

VT201 Input Ch0: BBC Small Tac Diff
Entries 342597
Tac

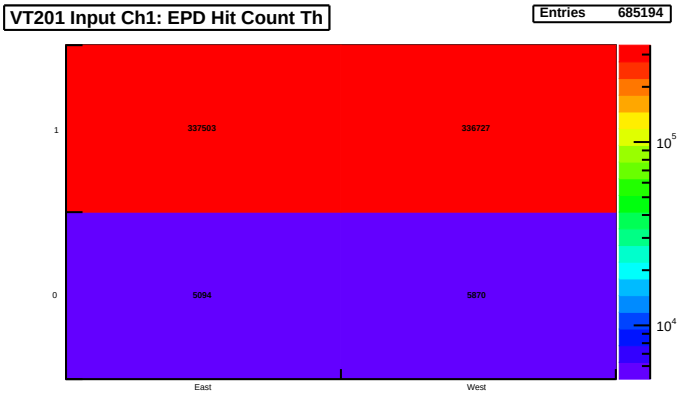

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

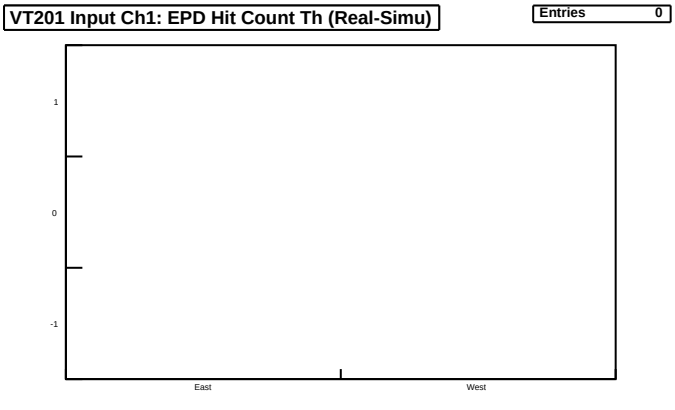

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 685194
258634
290694
83963
51903
East
West

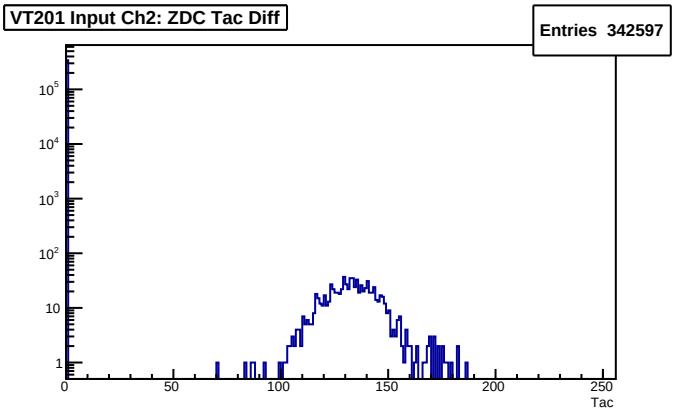

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

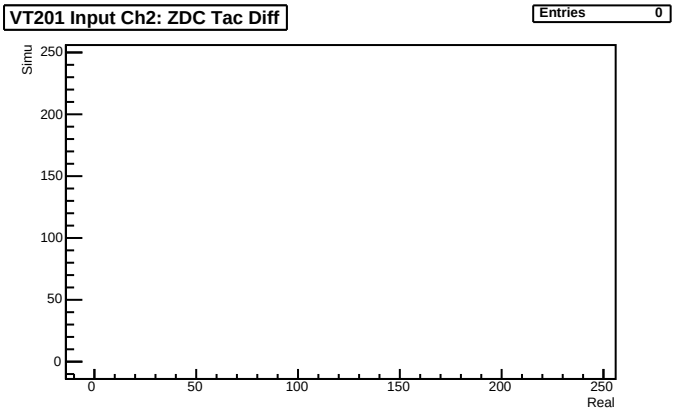

VT201 Input Ch1: EPD Tac Diff
Entries 342597
Tac

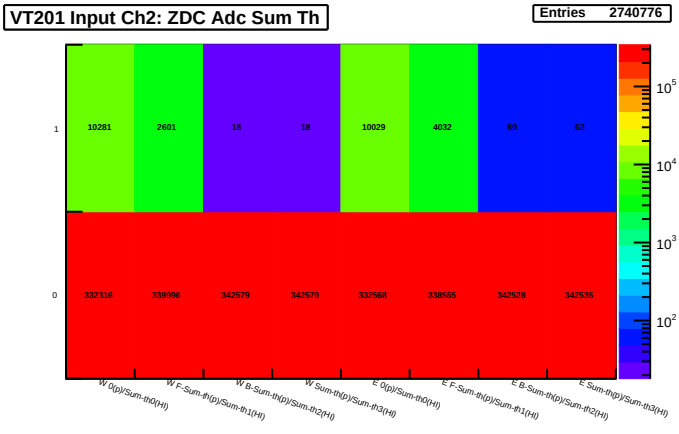

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

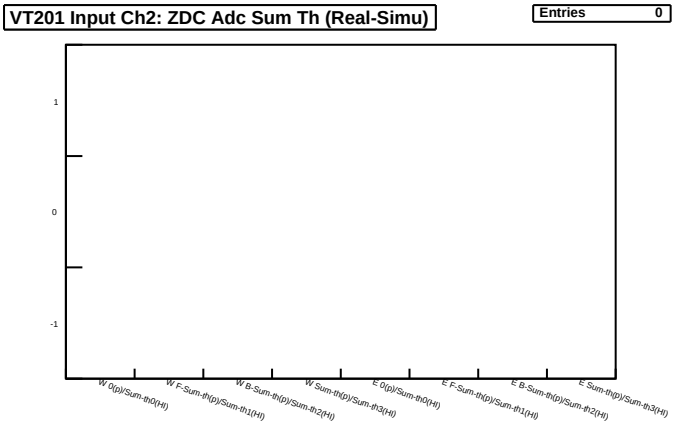

VT201 Input Ch1: EPD Hit Count Th
Entries 685194
337503
336727
5094
5870
East
West

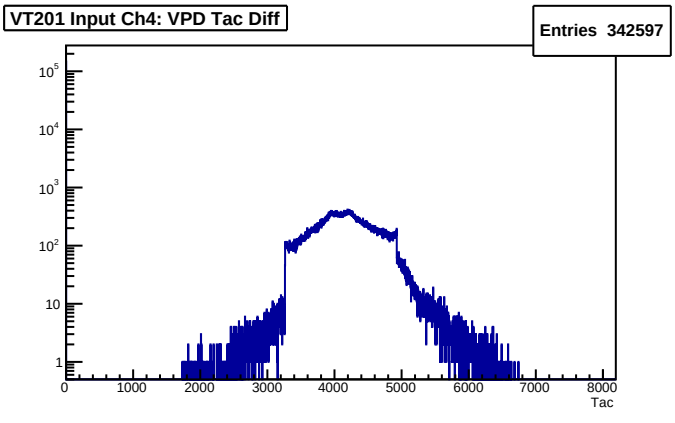

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

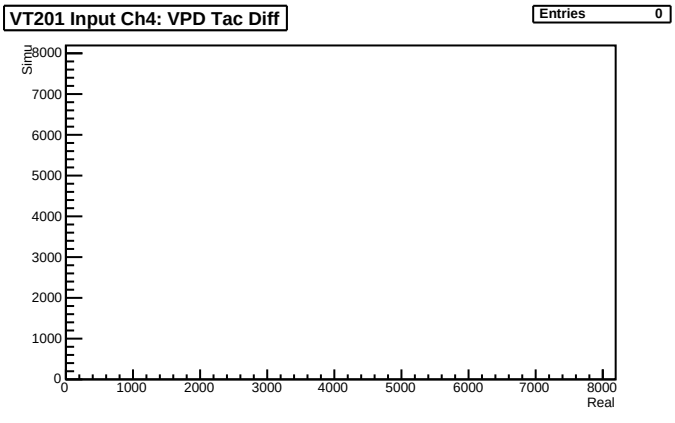

VT201 Input Ch2: ZDC Tac Diff
Entries 342597
Tac

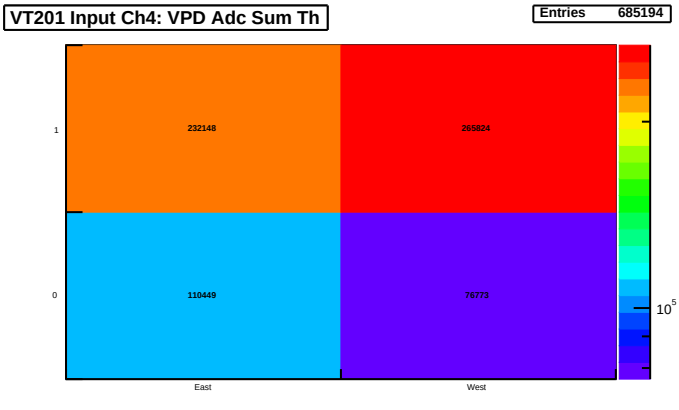

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

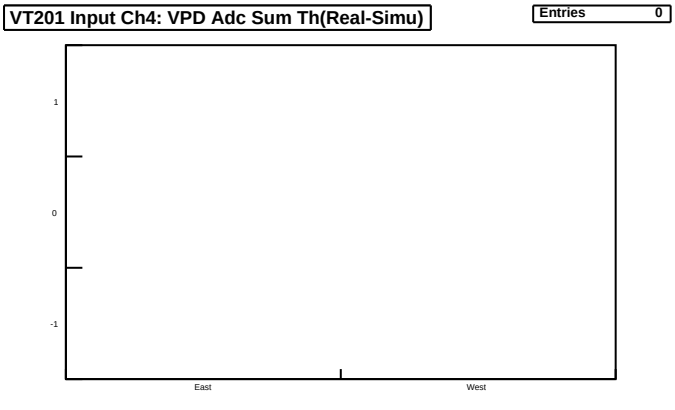

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2740776
10281
2601
18
18
10029
4032
69
62
332316
339996
342579
342579
332568
338565
342528
342535
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

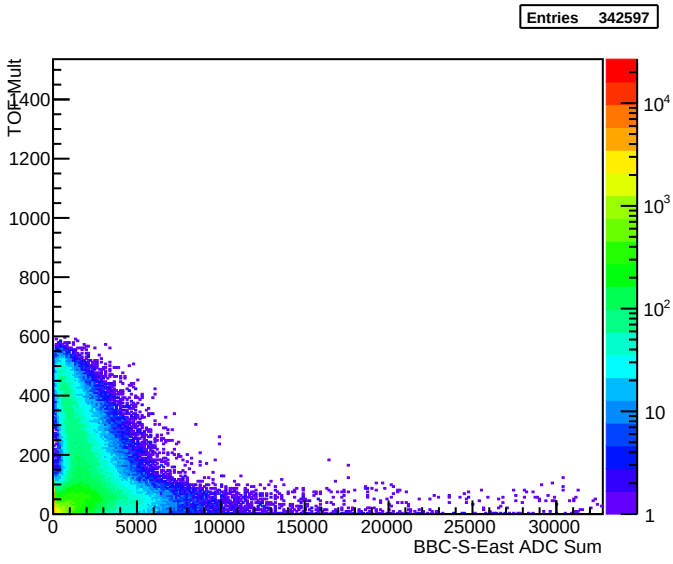

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

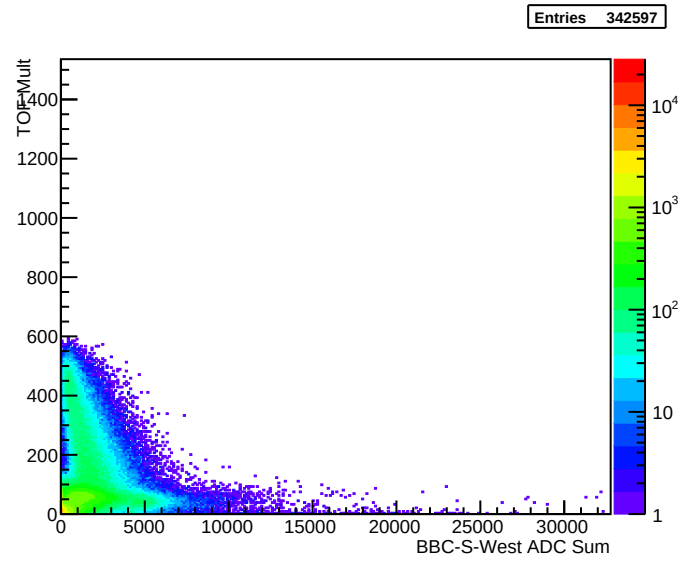

VT201 Input Ch4: VPD Tac Diff
Entries 342597
Tac

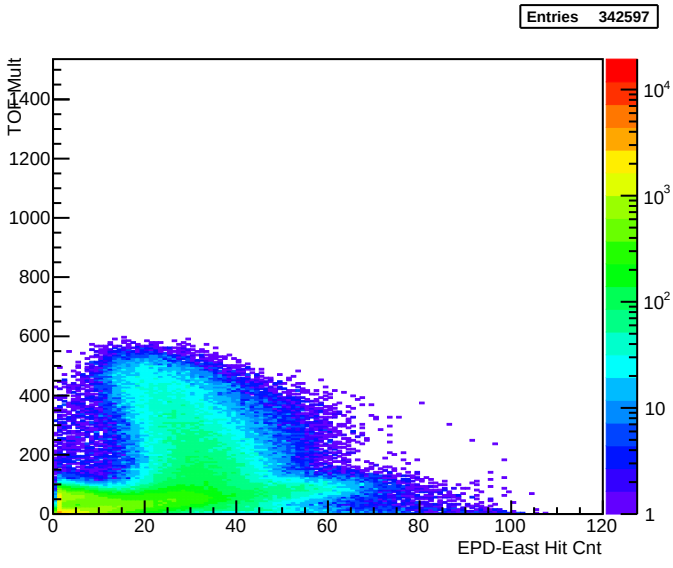

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

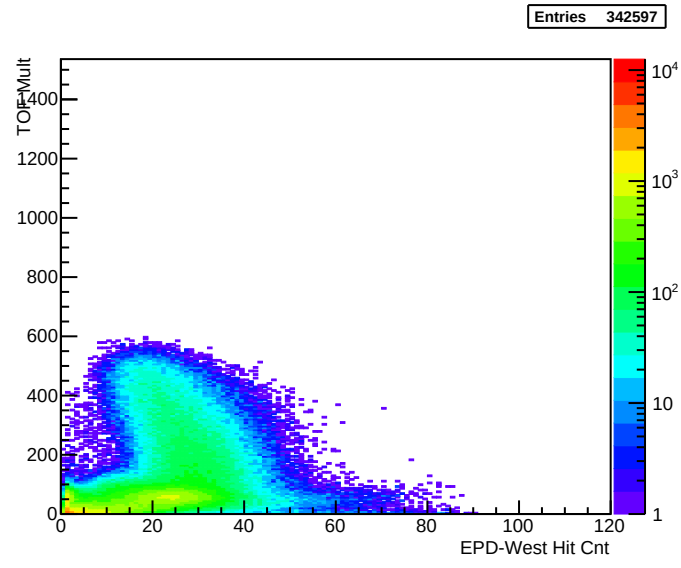

VT201 Input Ch4: VPD Adc Sum Th
Entries 685194
232148
265824
110449
76773
East
West

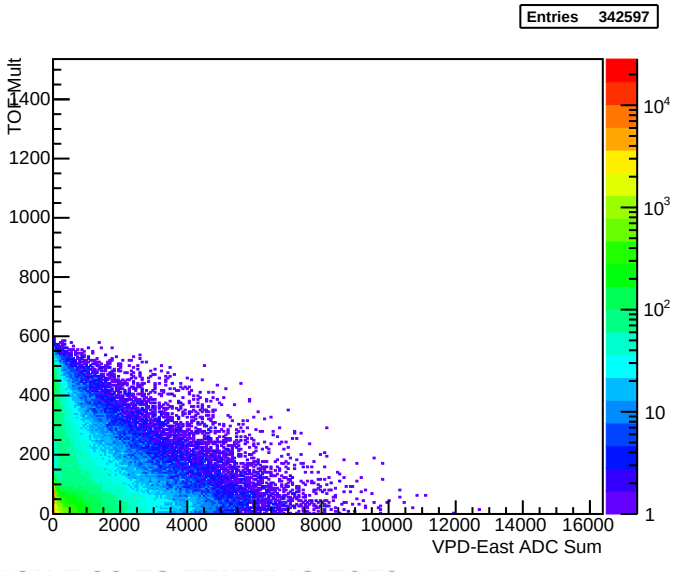

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

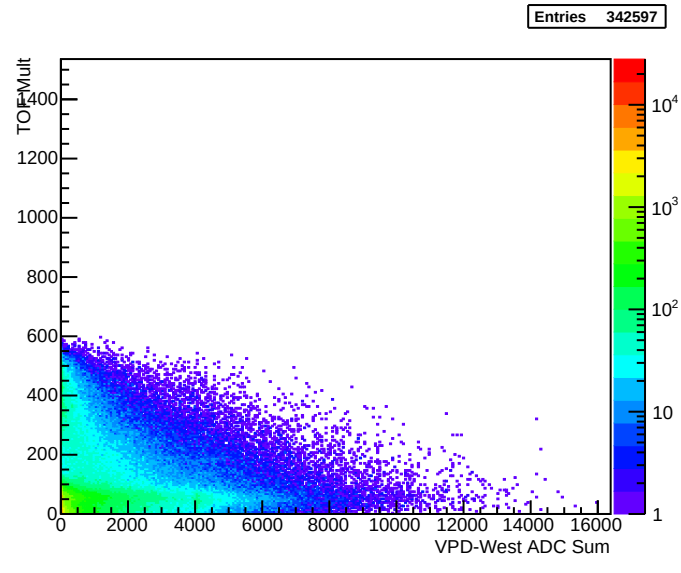

Entries 342597
TOF-Mult
BBC-S-East ADC Sum

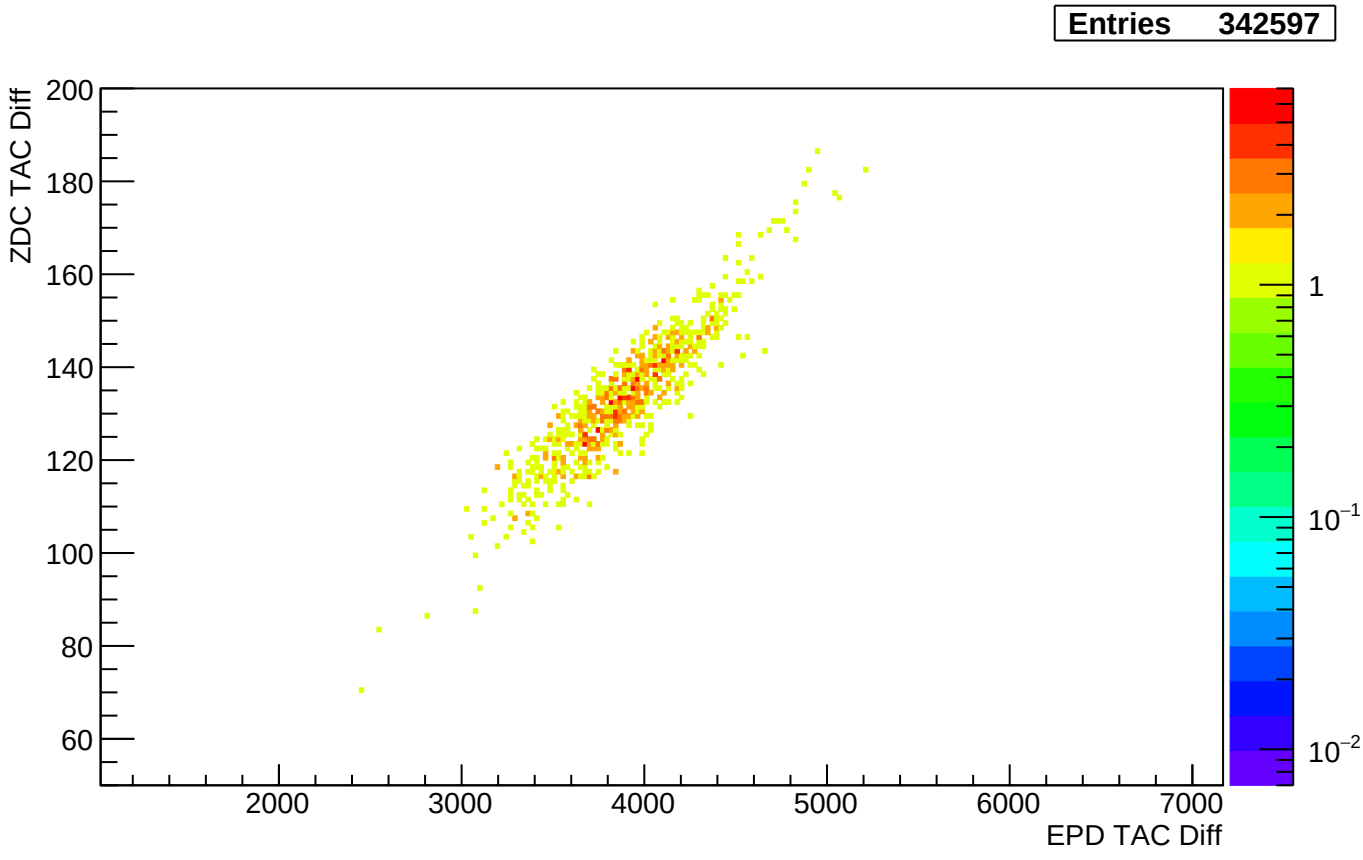

Entries 342597
TOF-Mult
BBC-S-West ADC Sum

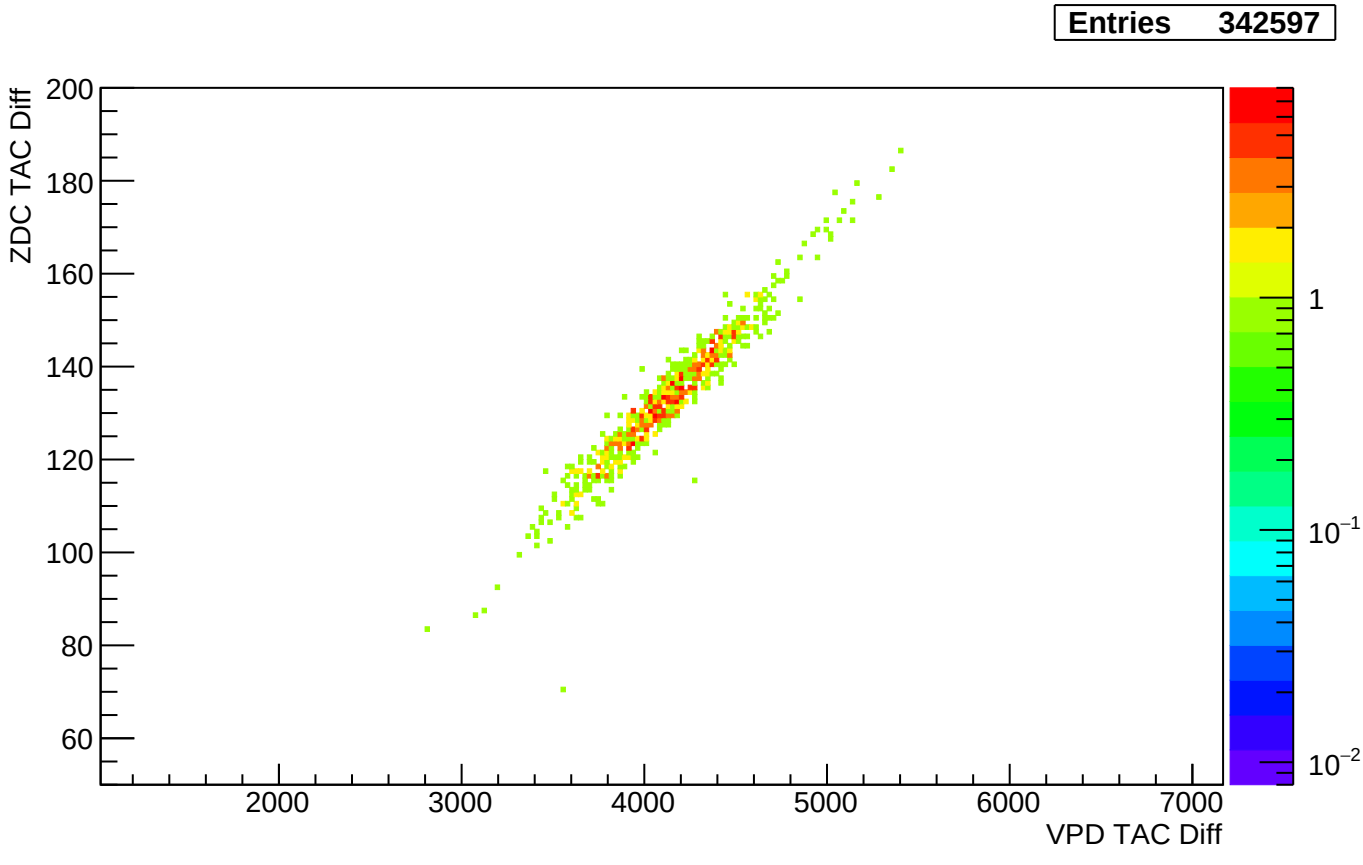

Entries 342597
TOF-Mult
EPD-East Hit Cnt

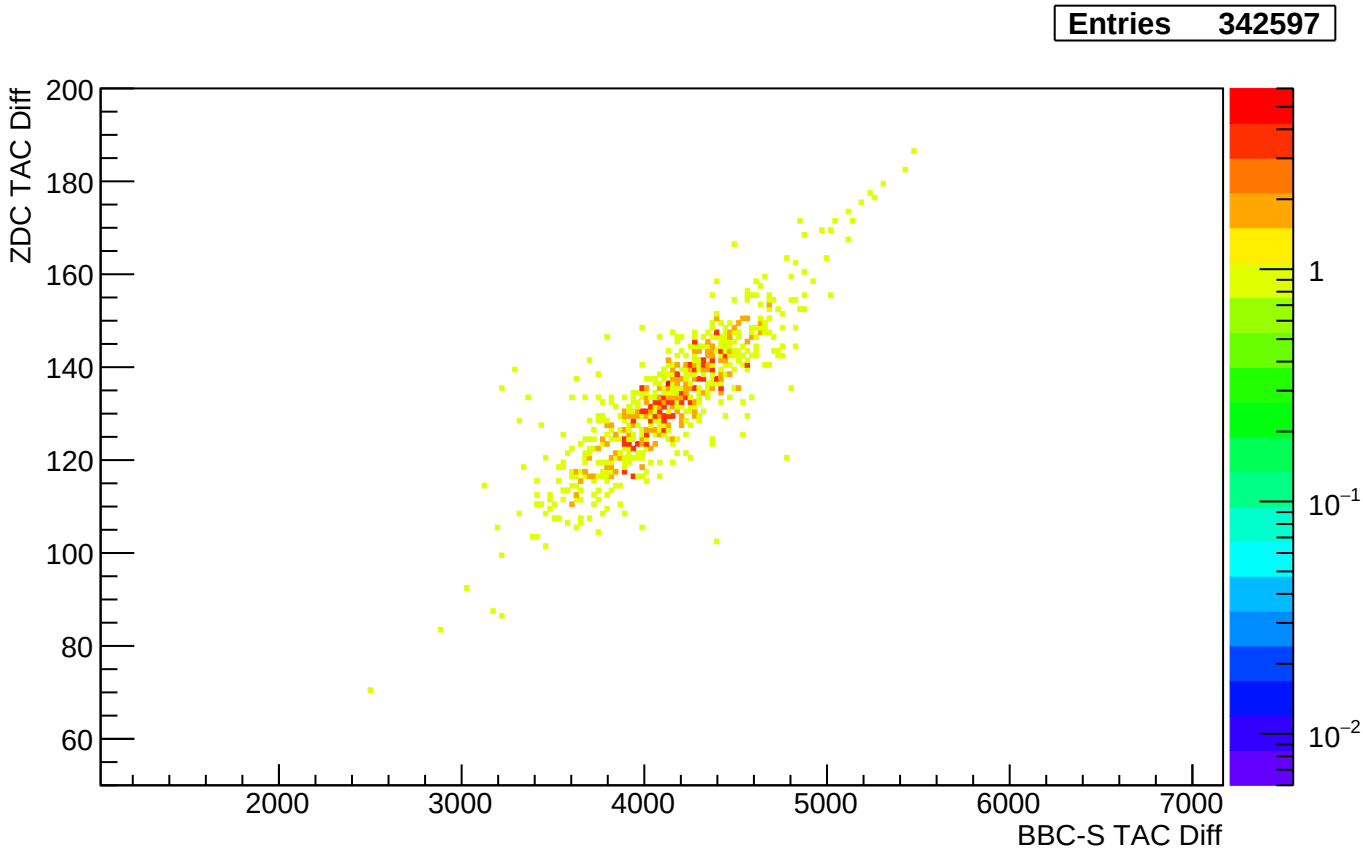

Entries 342597
TOF-Mult
EPD-West Hit Cnt

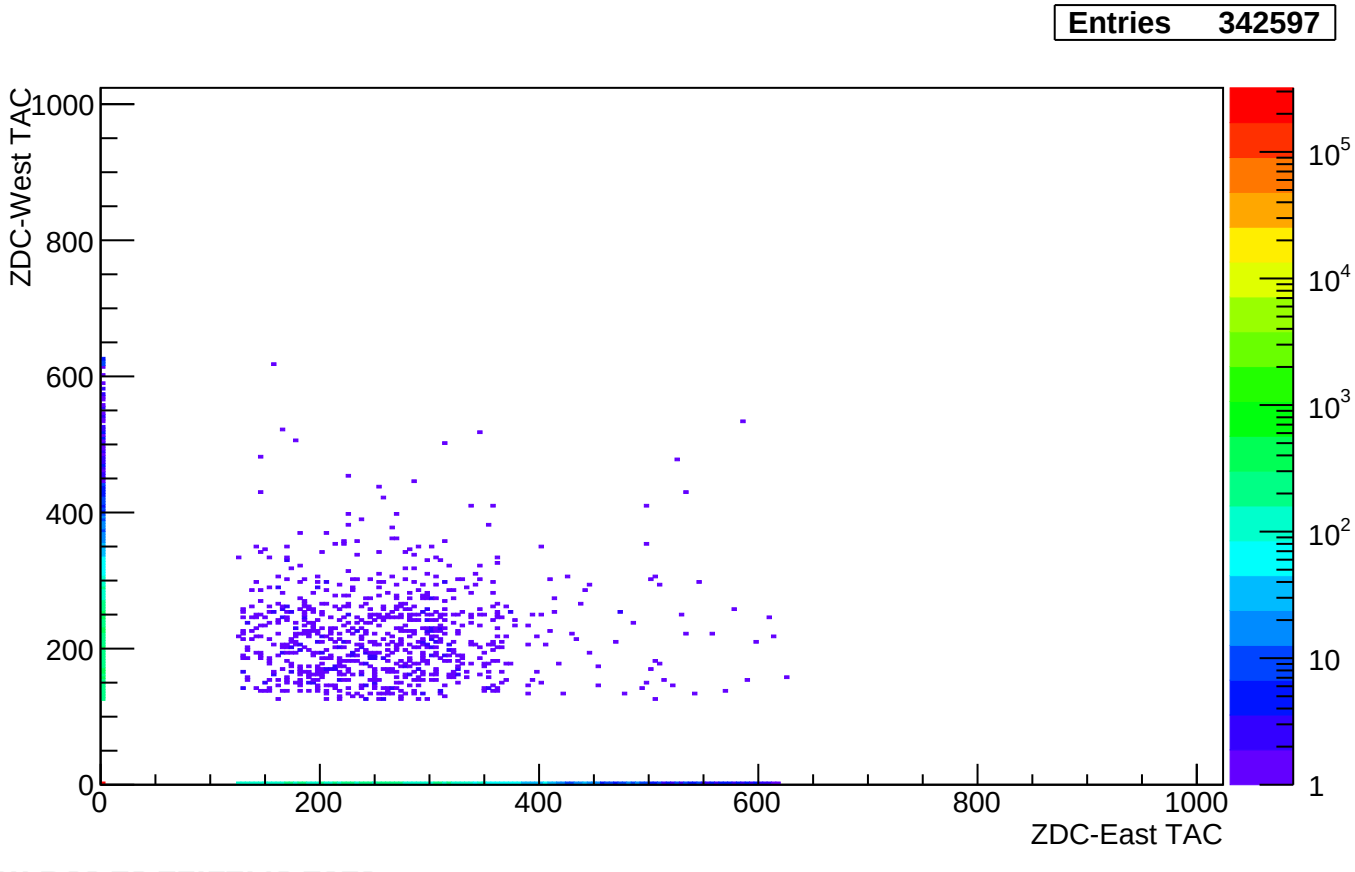

Entries 342597
TOF-Mult
VPD-East ADC Sum

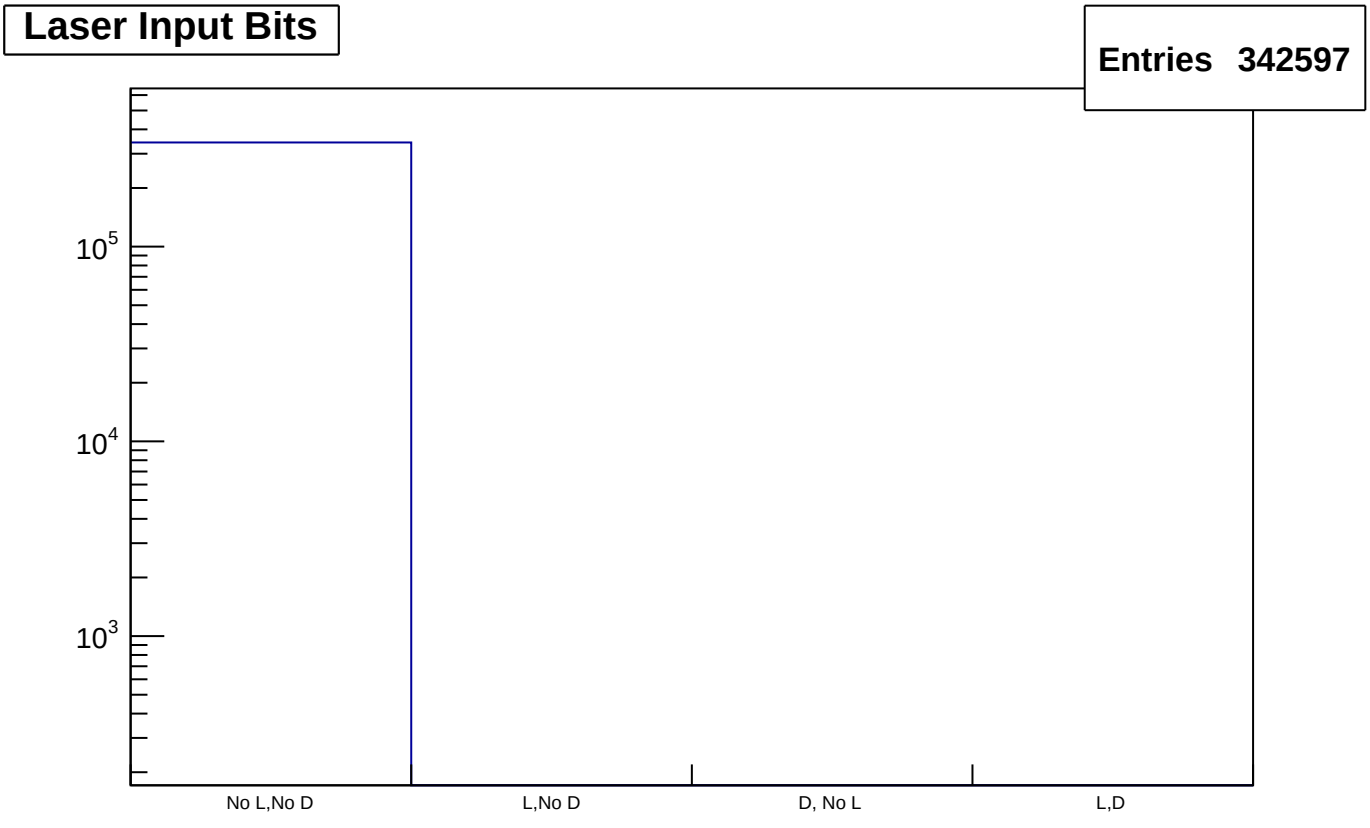

Entries 342597
TOF-Mult
VPD-West ADC Sum

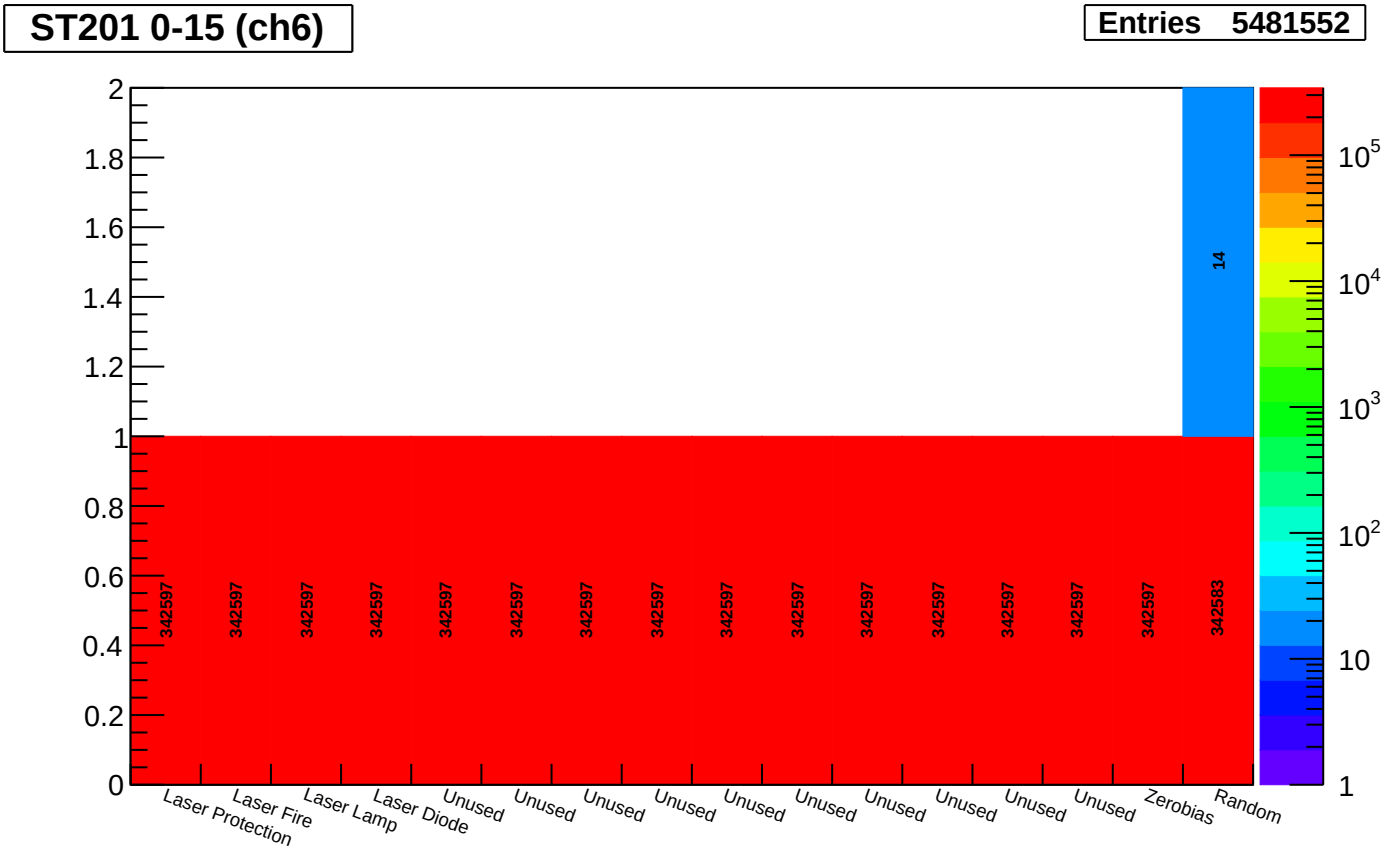

Entries 342597
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

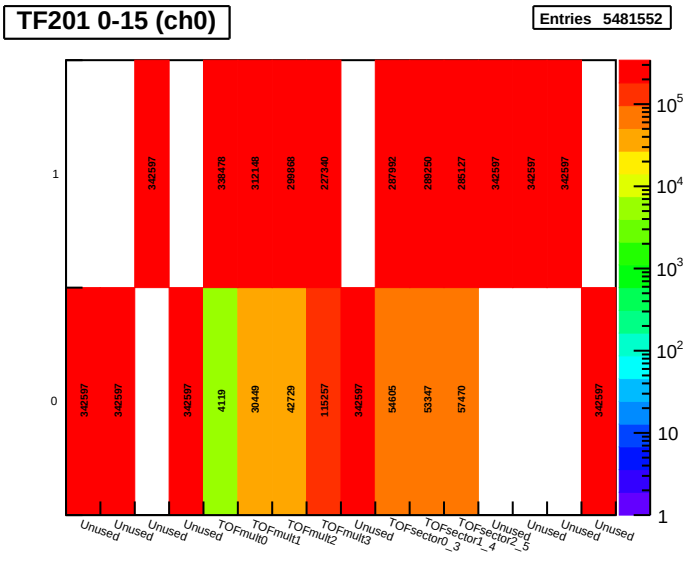

Entries 342597
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

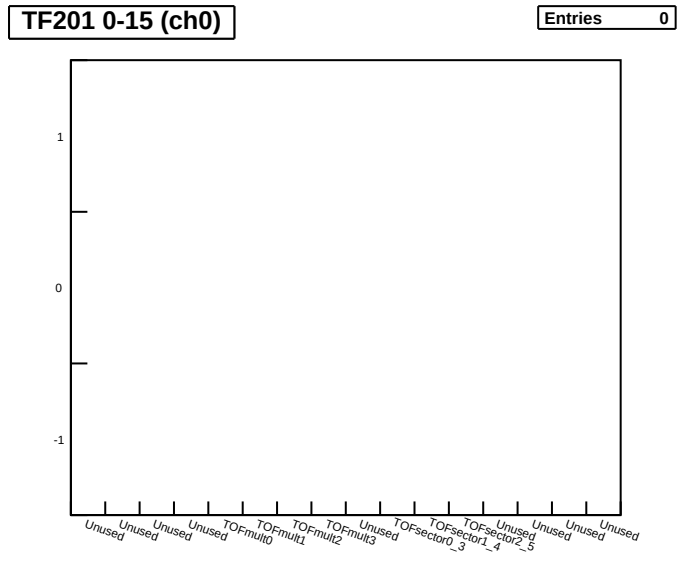

Entries 342597
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

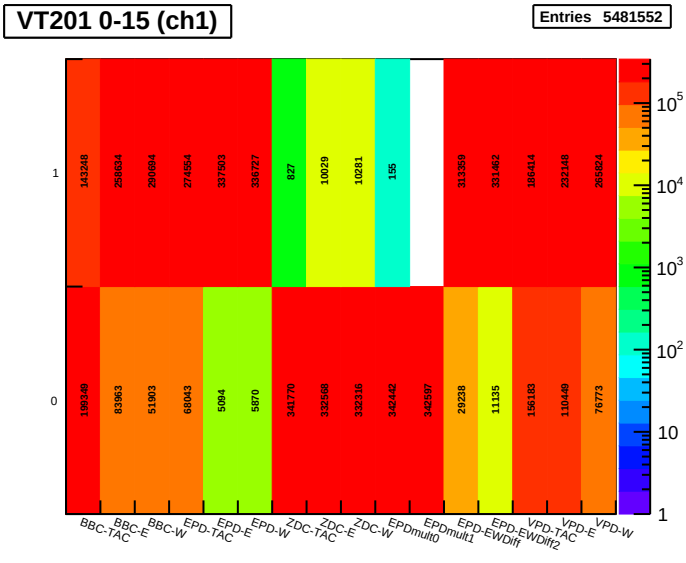

Entries 342597
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

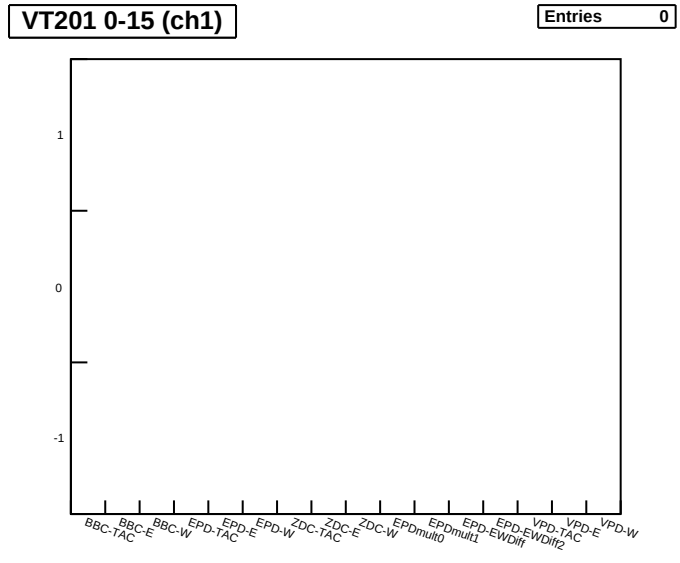

Laser Input Bits
Entries 342597
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

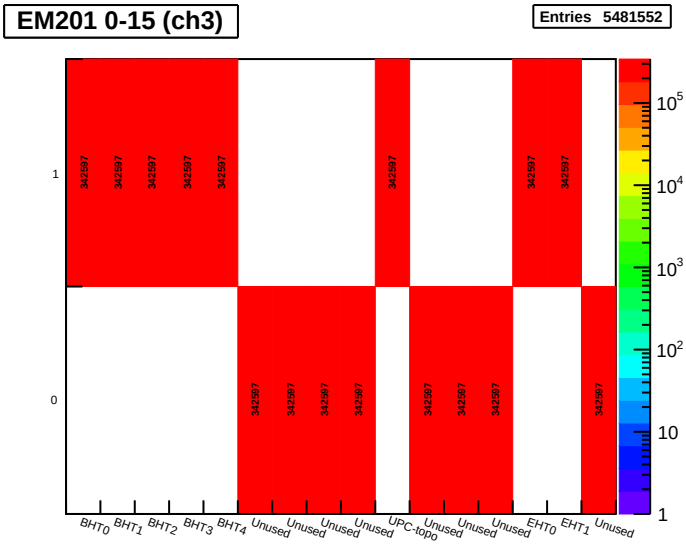

ST201 0-15 (ch6)
Entries 5481552
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
342597
342583
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1










EM201 0-15 (ch3)
Entries 5481552
1
0
342597
342597
342597
342597
342597