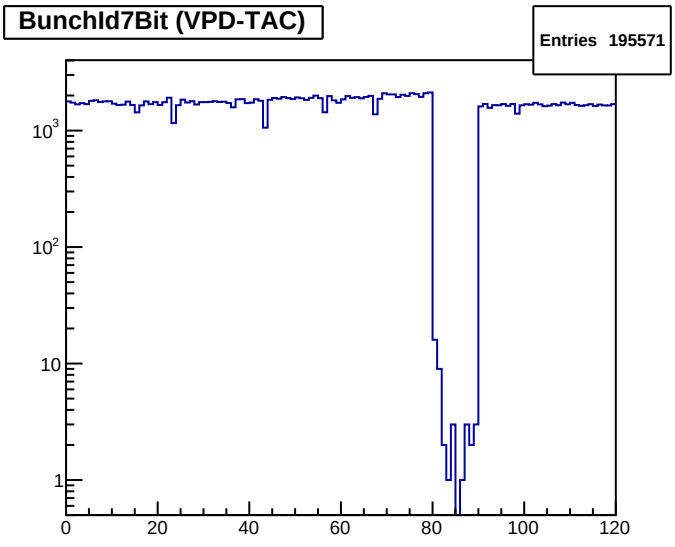
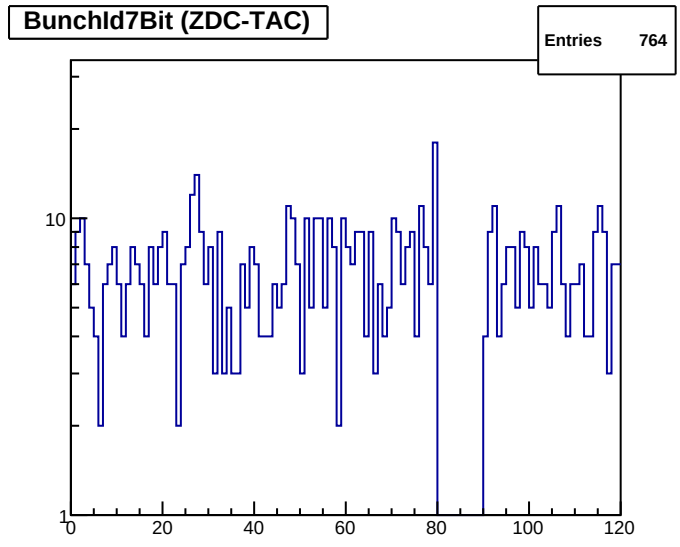
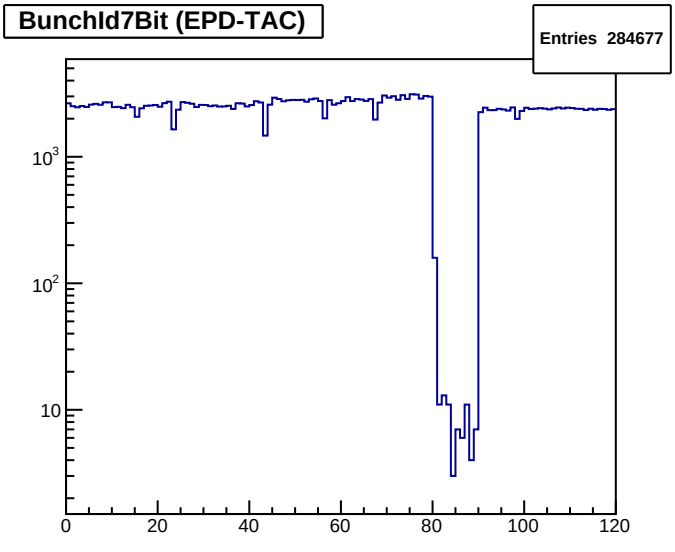
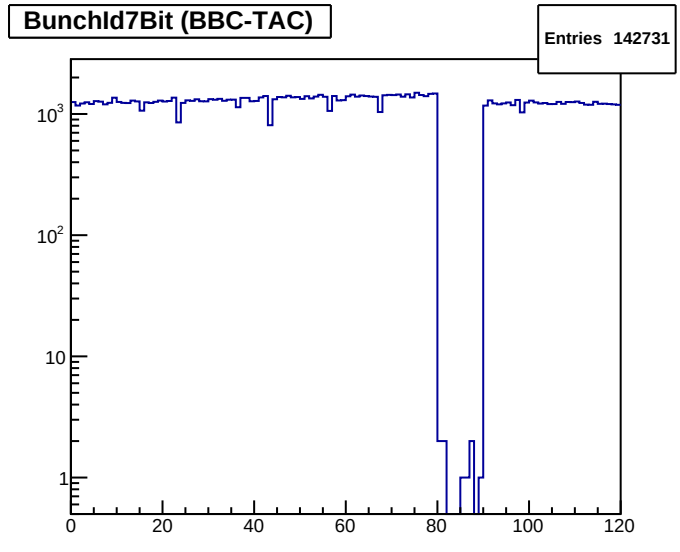
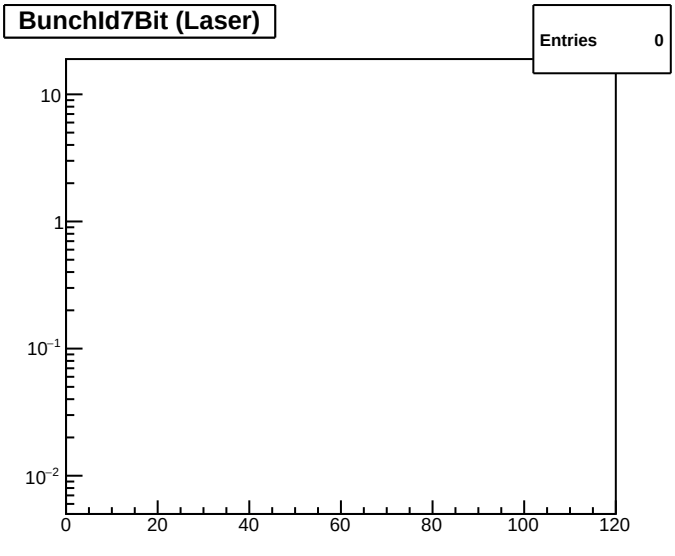
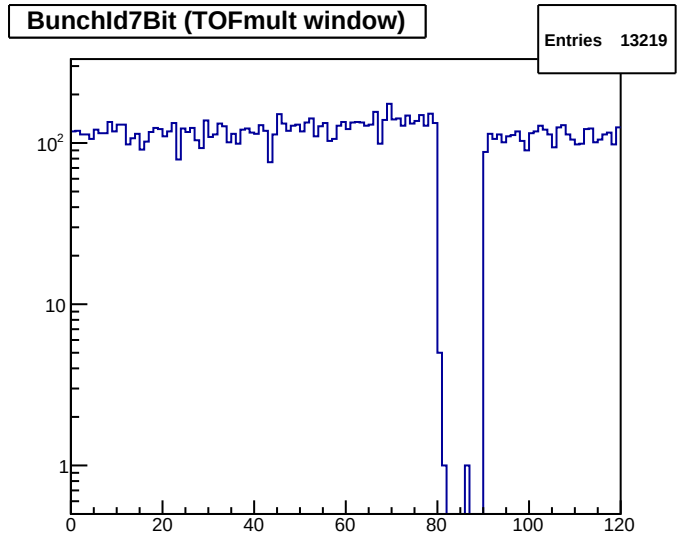

BunchId7Bit (VPD-TAC)
Entries 195571

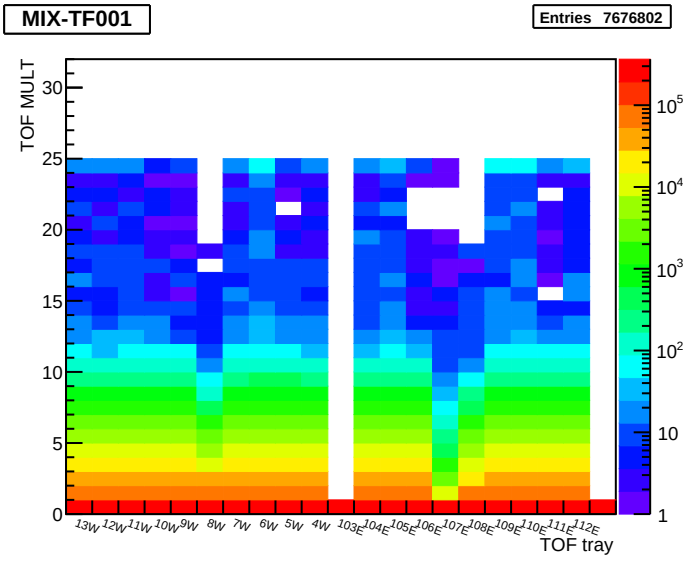

BunchId7Bit (ZDC-TAC)
Entries 764

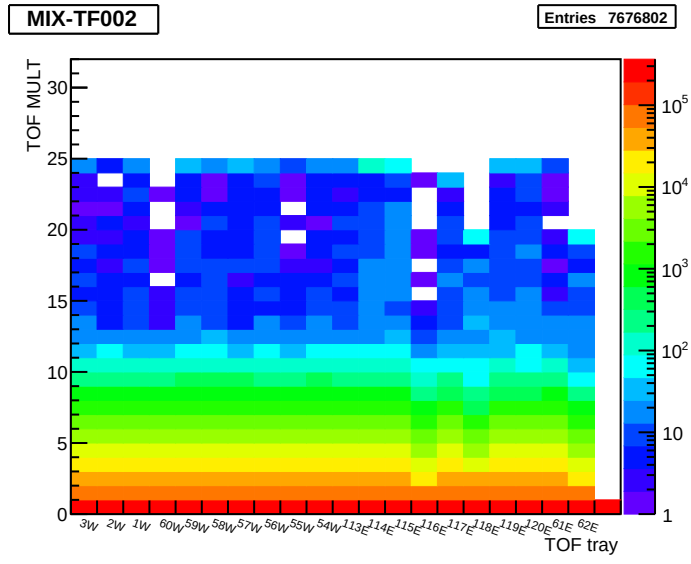

BunchId7Bit (EPD-TAC)
Entries 284677

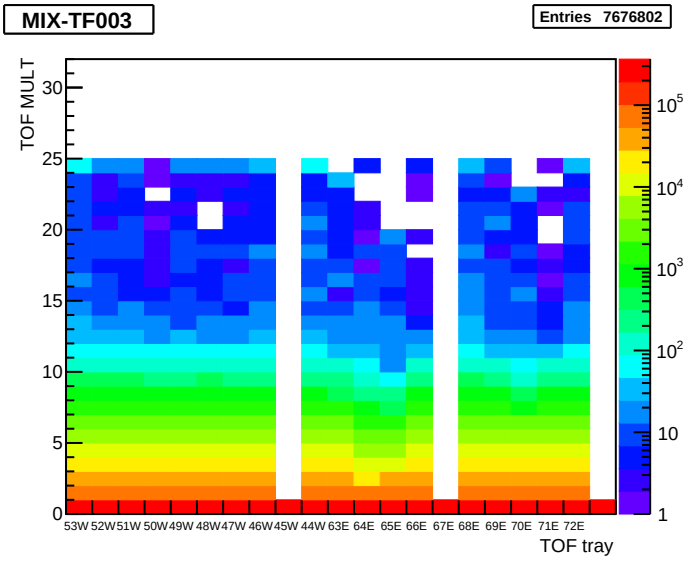

BunchId7Bit (BBC-TAC)
Entries 142731

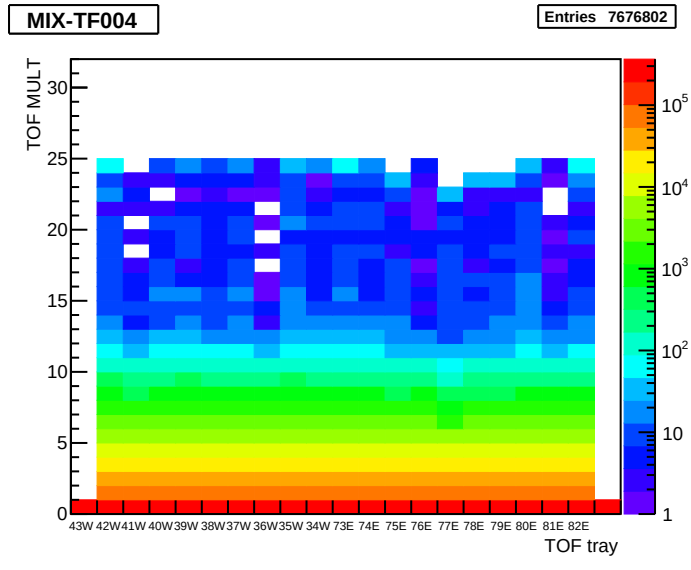

BunchId7Bit (Laser)
Entries 0

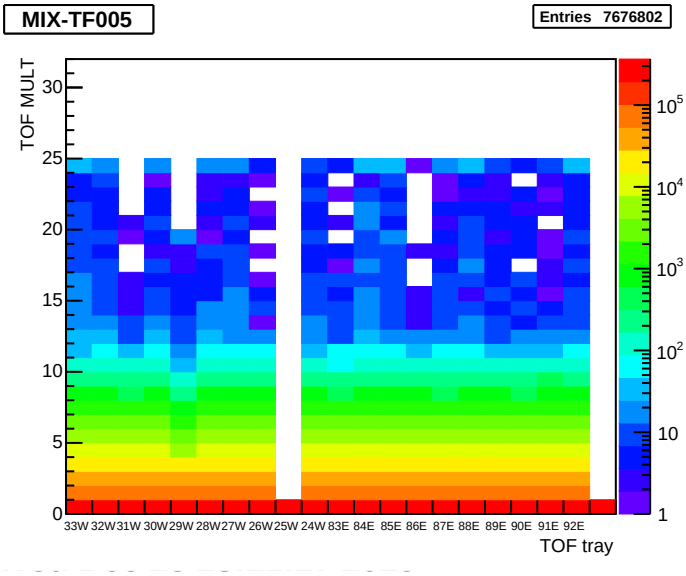

BunchId7Bit (TOFmult window)
Entries 13219

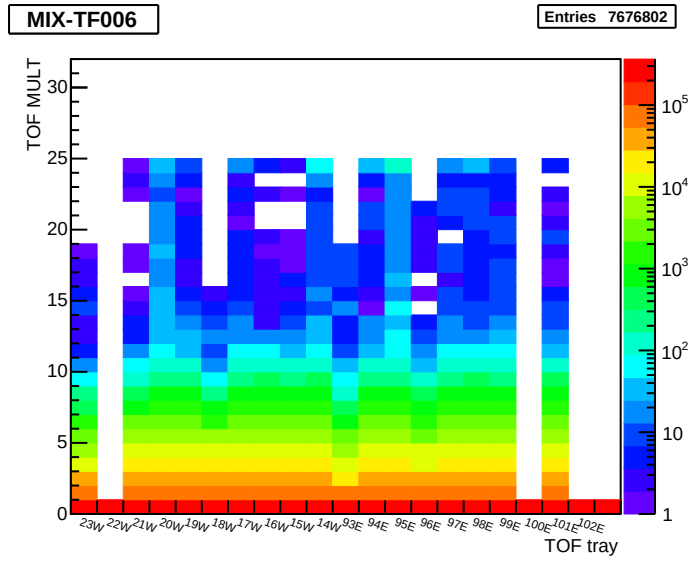

MIX-TF001
Entries 7676802
TOF MULT
TOF tray

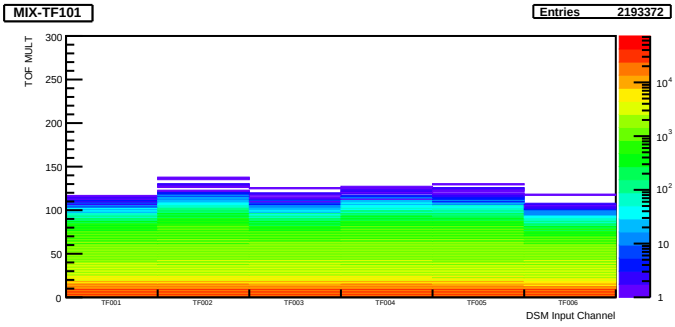

MIX-TF002
Entries 7676802
TOF MULT
TOF tray

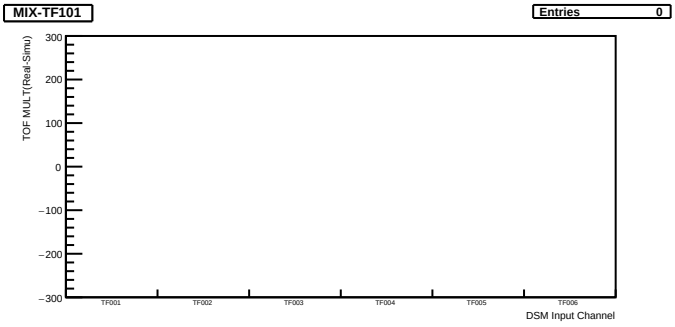

MIX-TF003
Entries 7676802
TOF MULT
TOF tray

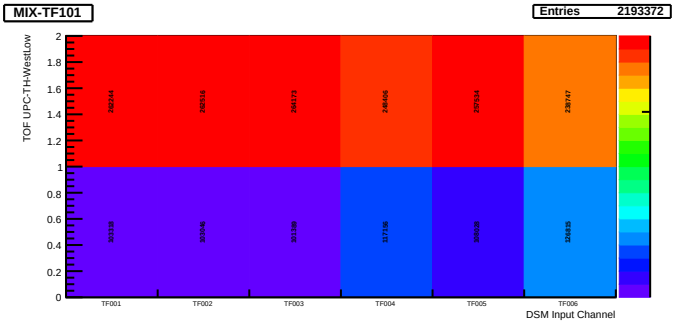

MIX-TF004
Entries 7676802
TOF MULT
TOF tray

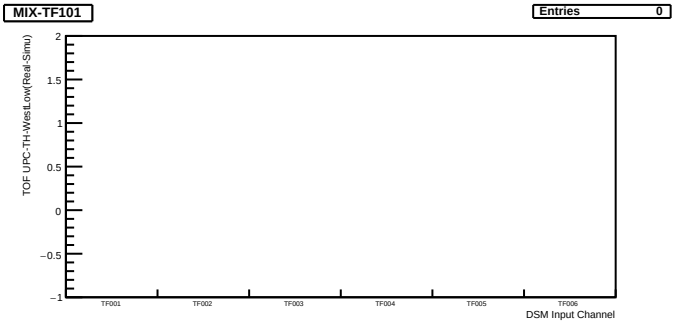

MIX-TF005
Entries 7676802
TOF MULT
TOF tray

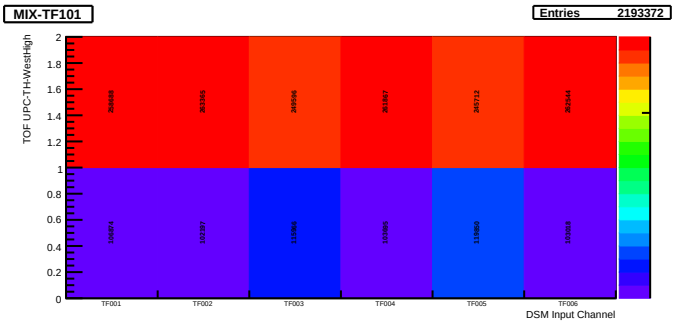

MIX-TF006
Entries 7676802
TOF MULT
TOF tray

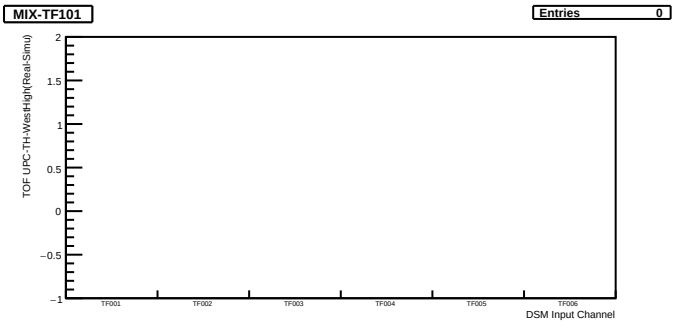

MIX-TF101
Entries 2193372
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

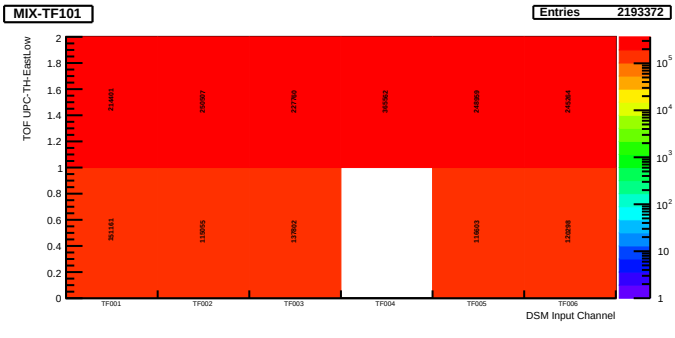

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

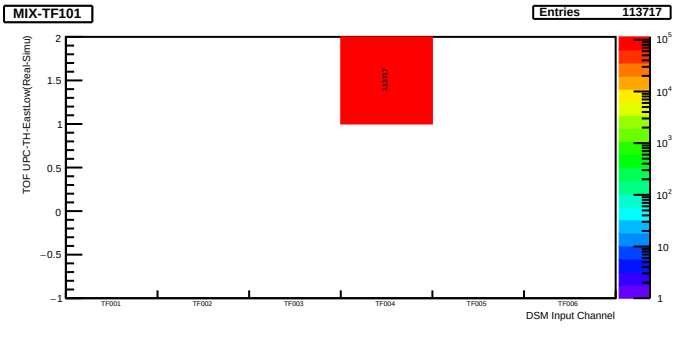

MIX-TF101
Entries 2193372
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

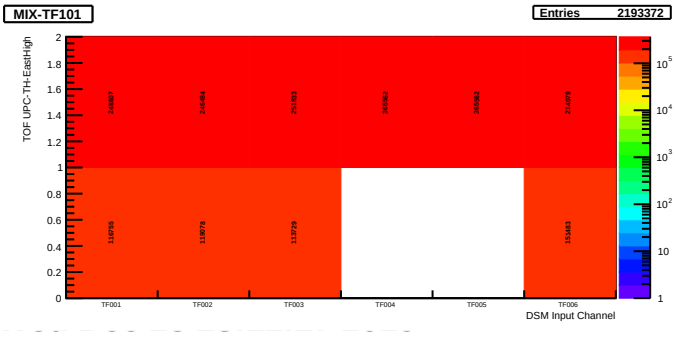

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

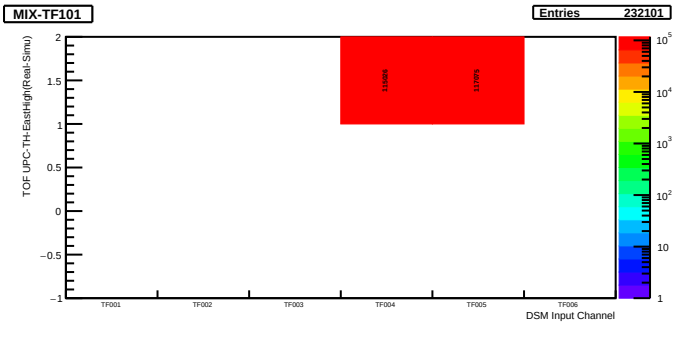

MIX-TF101
Entries 2193372
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

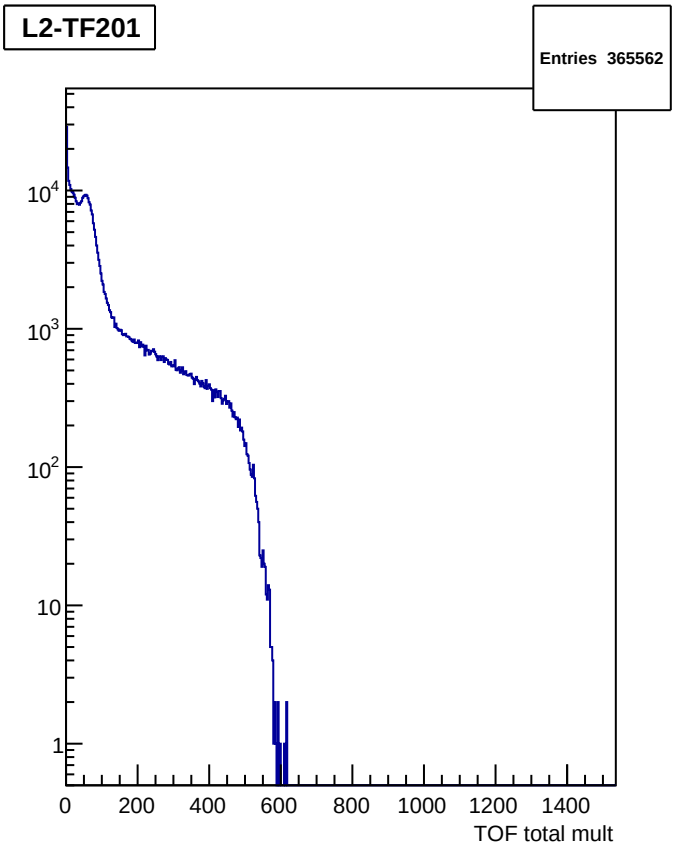

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

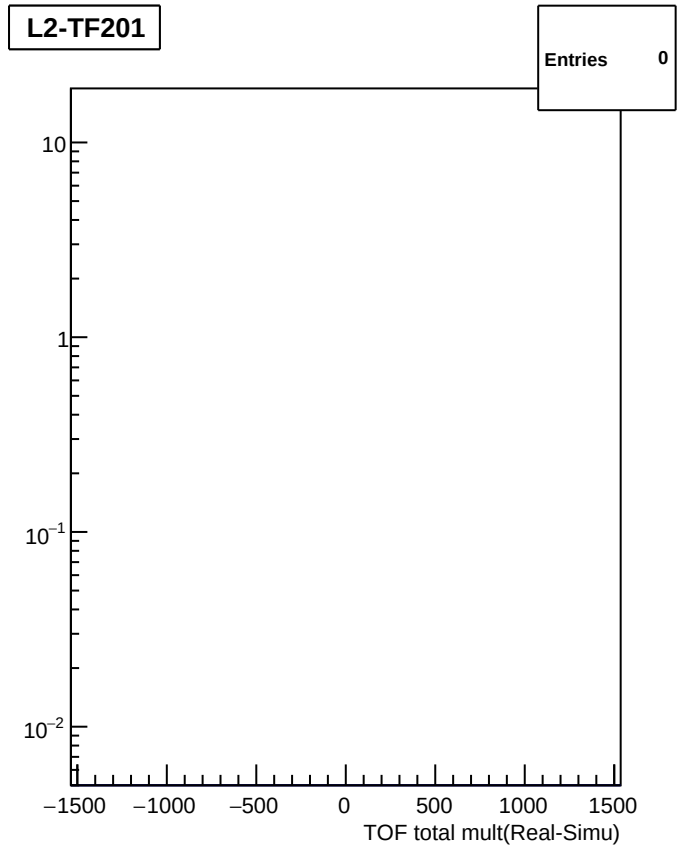

MIX-TF101
Entries 2193372
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

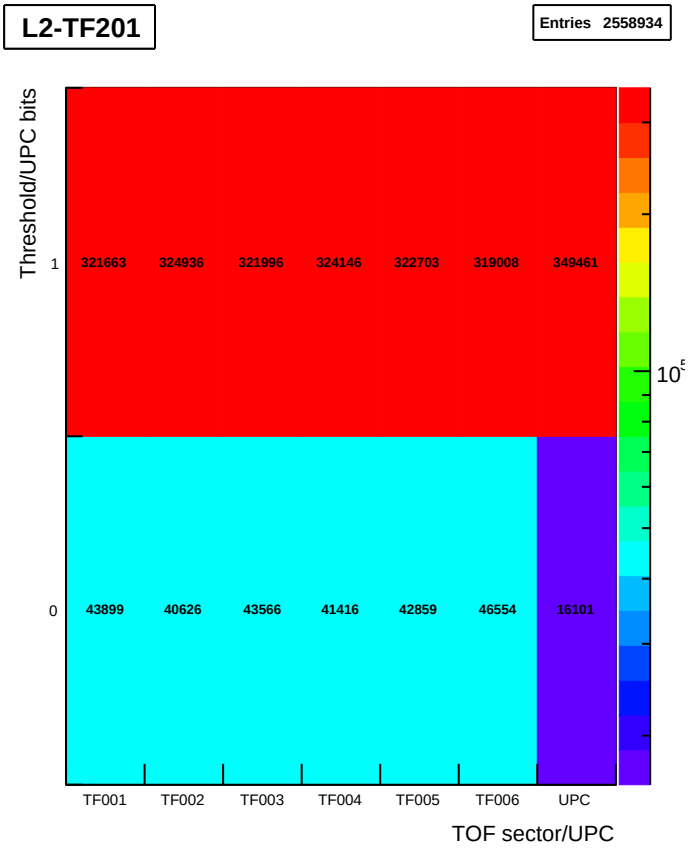

MIX-TF101
Entries 113717
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

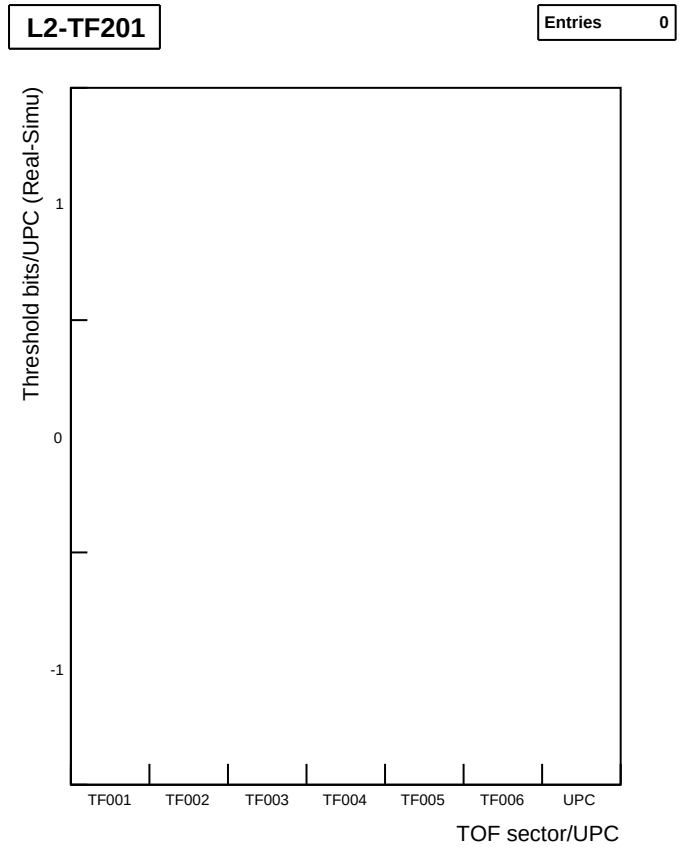

MIX-TF101
Entries 2193372
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

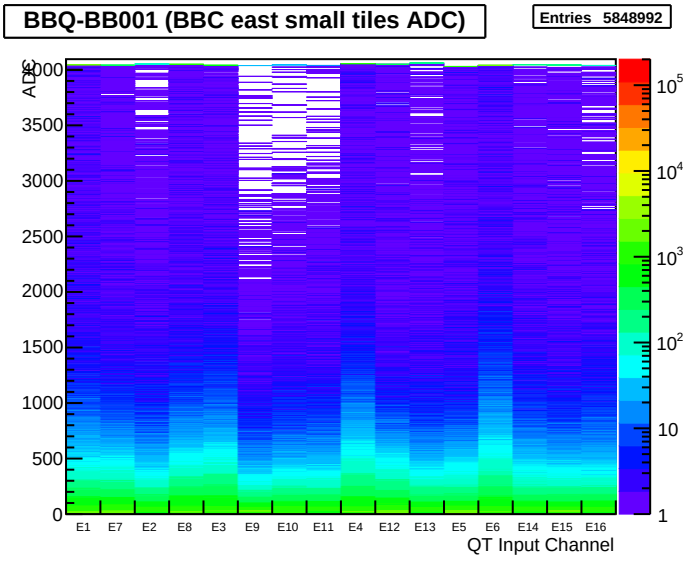

MIX-TF101
Entries 232101
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

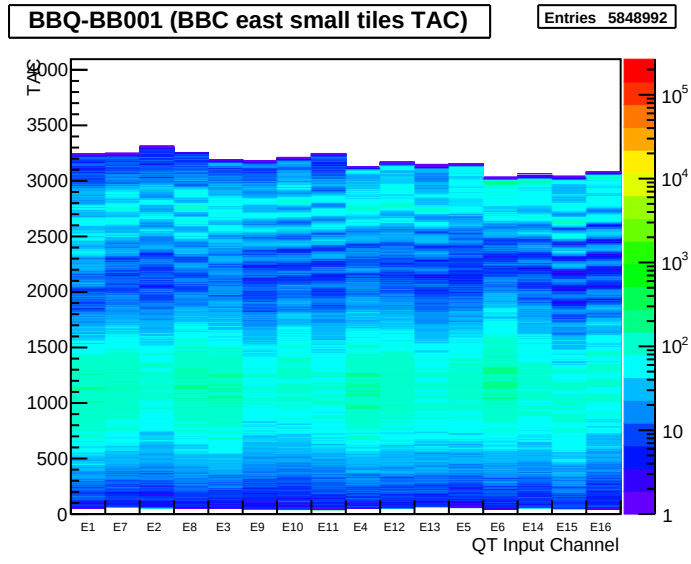

L2-TF201
Entries 365562
TOF total mult

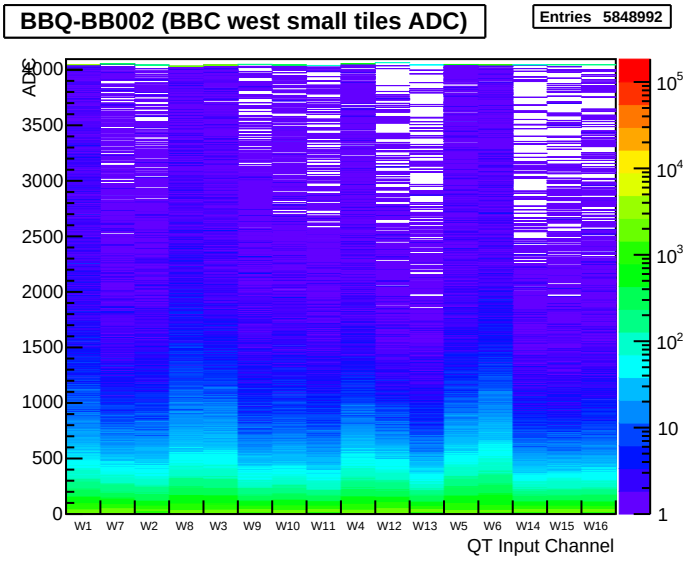

L2-TF201
Entries 0
TOF total mult(Real-Simu)

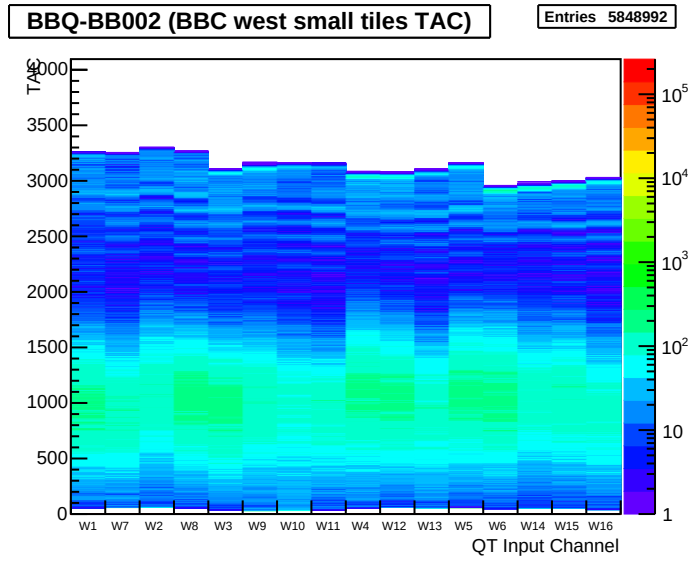

L2-TF201
Entries 2558934
Threshold/UPC bits
321663 324936 321996 324146 322703 319008 349461
43899 40626 43566 41416 42859 46554 16101
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

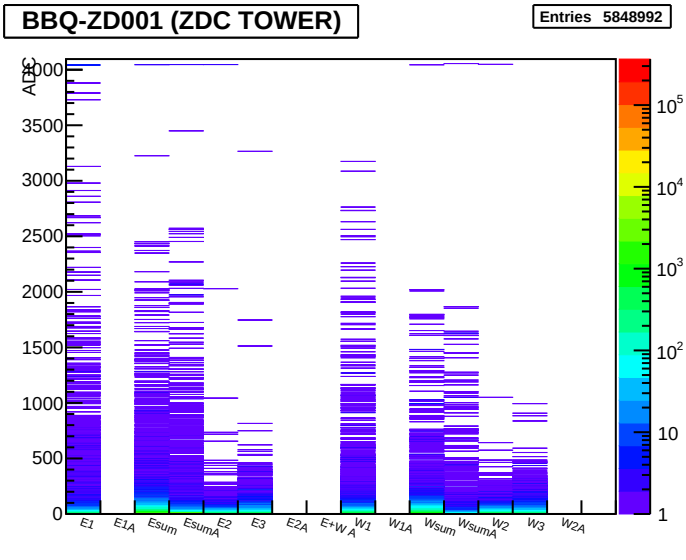

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

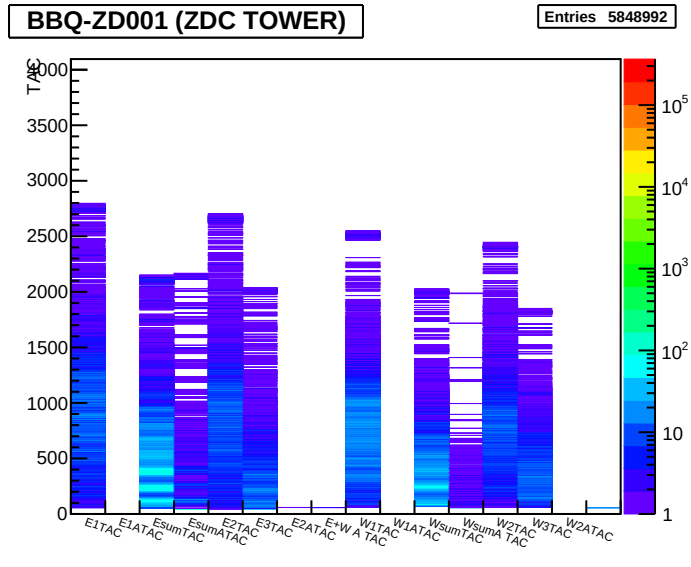

BBQ-BB001 (BBC east small tiles ADC)
Entries 5848992
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

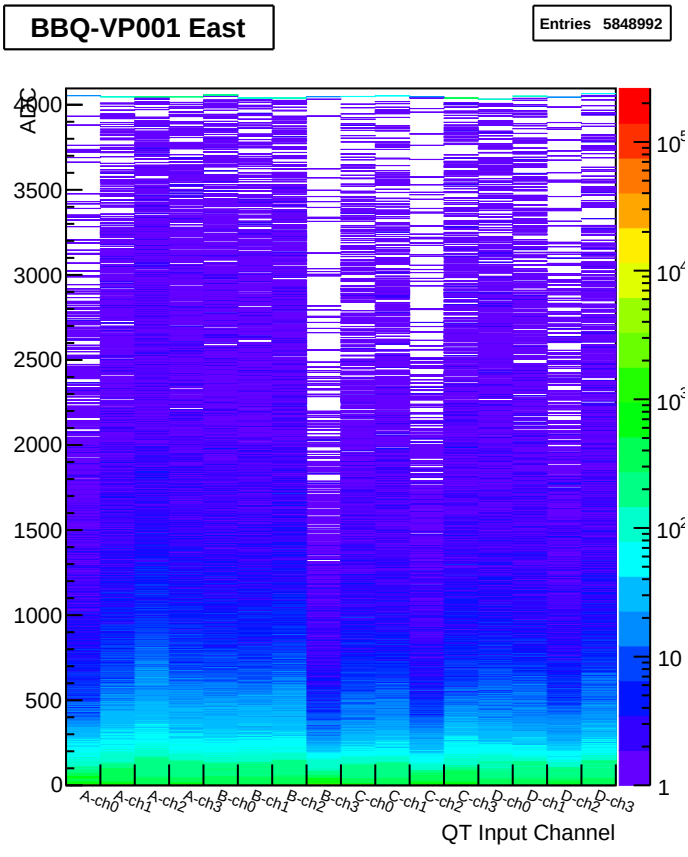

BBQ-BB001 (BBC east small tiles TAC)
Entries 5848992
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

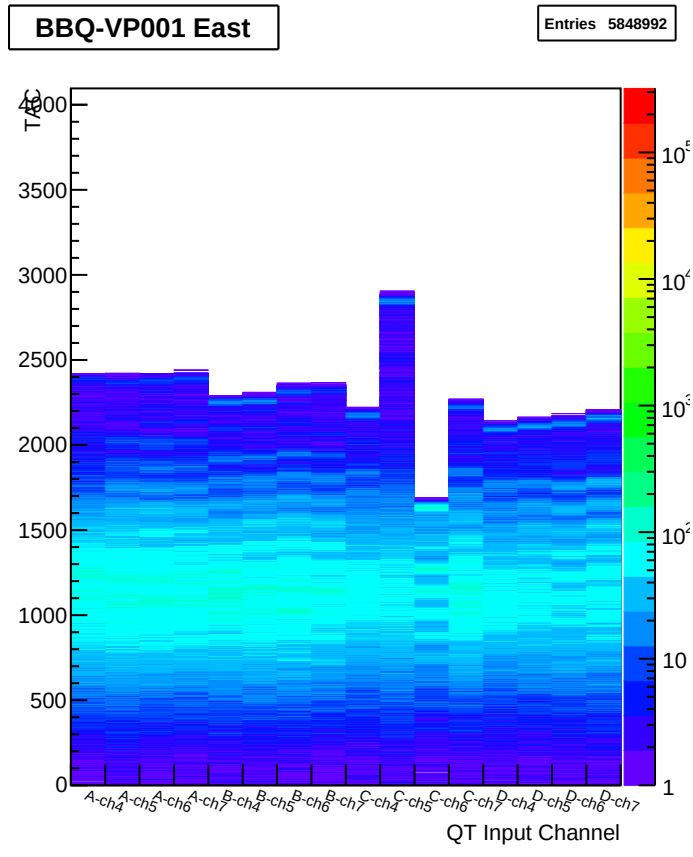

BBQ-BB002 (BBC west small tiles ADC)
Entries 5848992
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

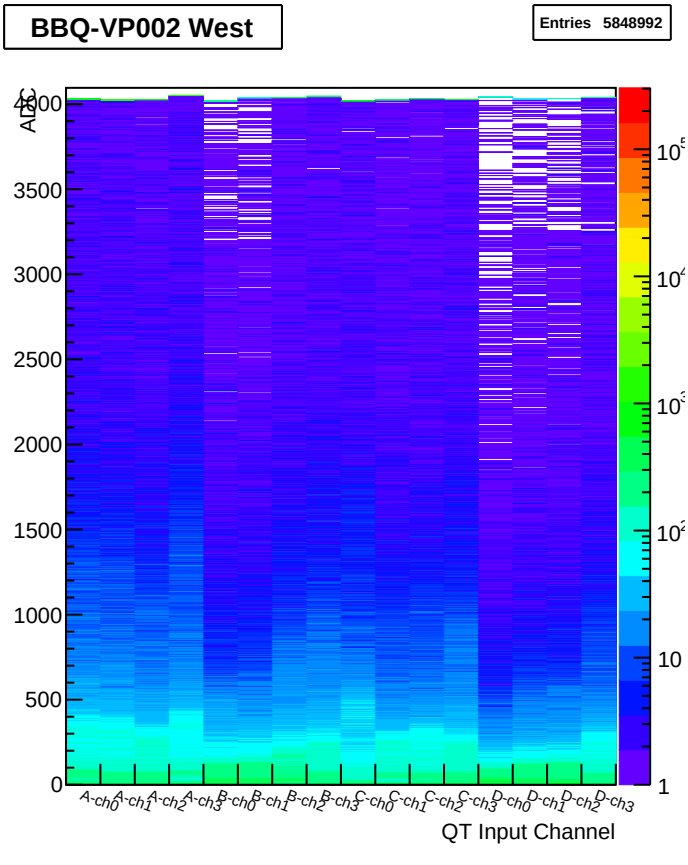

BBQ-BB002 (BBC west small tiles TAC)
Entries 5848992
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

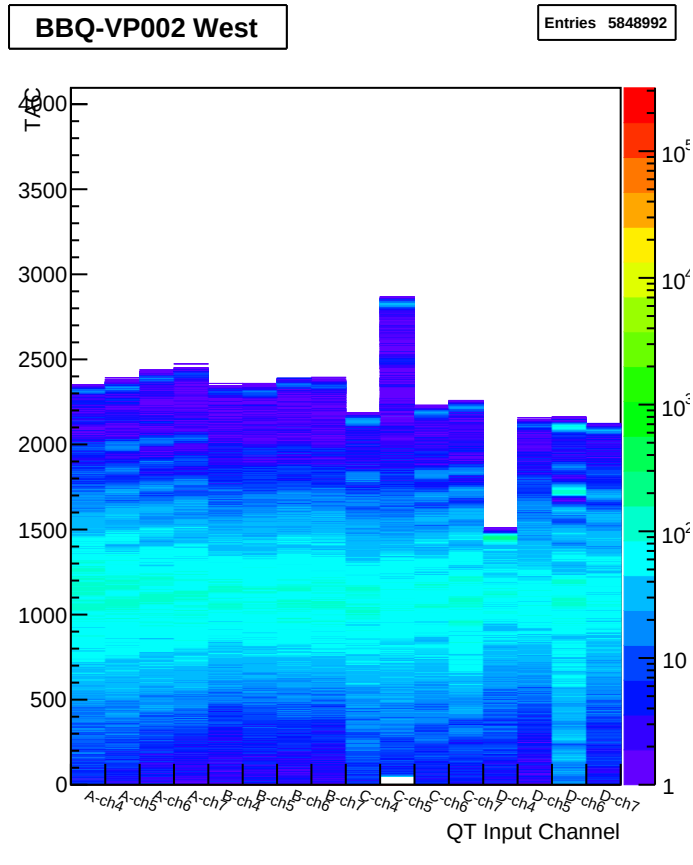

BBQ-ZD001 (ZDC TOWER)
Entries 5848992
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

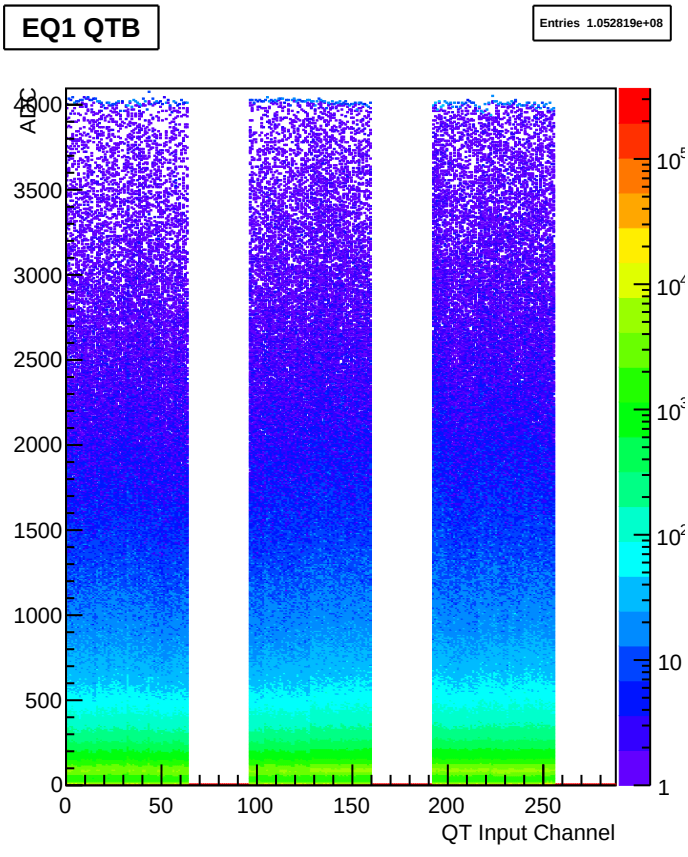

BBQ-ZD001 (ZDC TOWER)
Entries 5848992
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

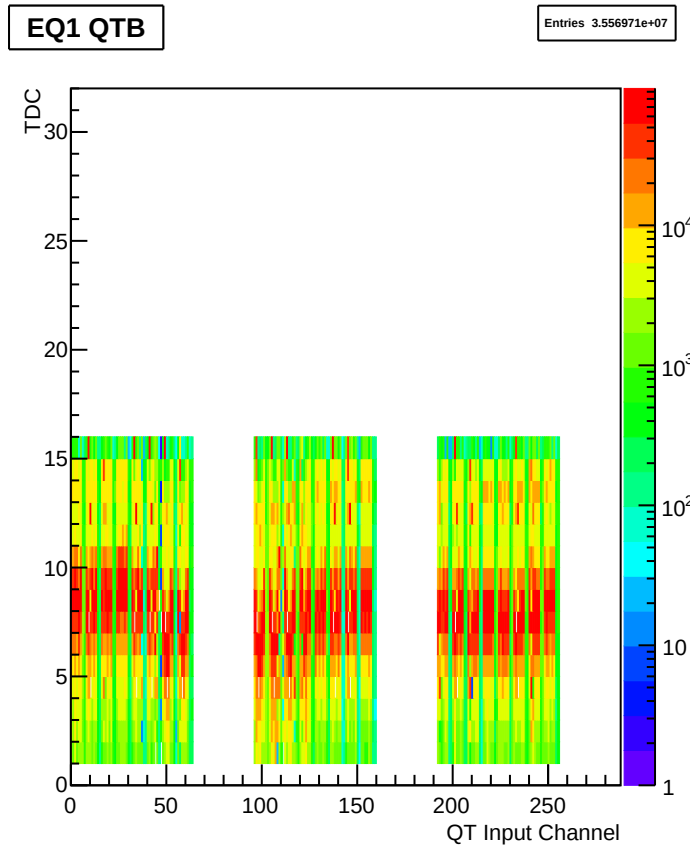

BBQ-VP001 East
Entries 5848992
ADC
QT Input Channel

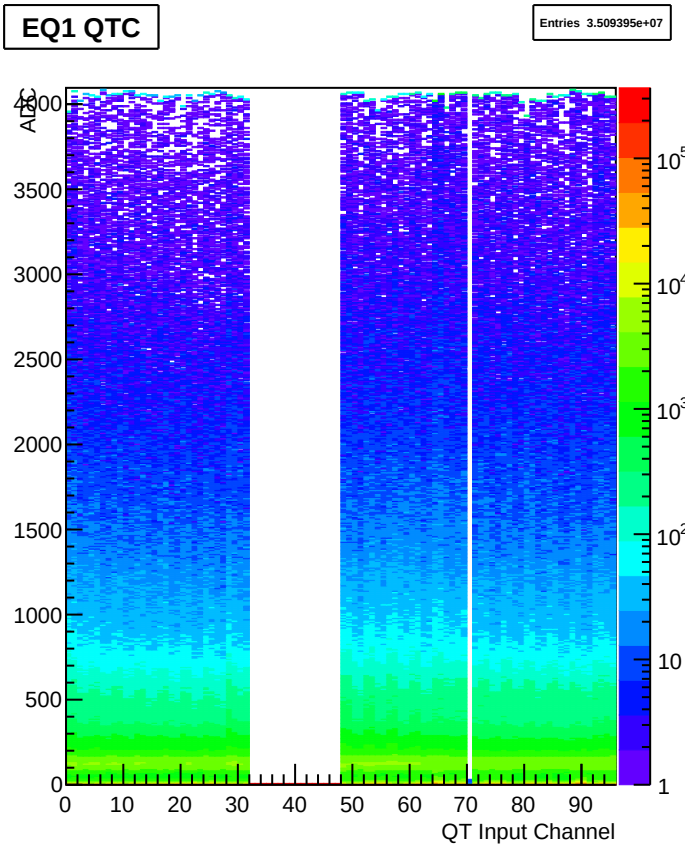

BBQ-VP001 East
Entries 5848992
ADC
QT Input Channel

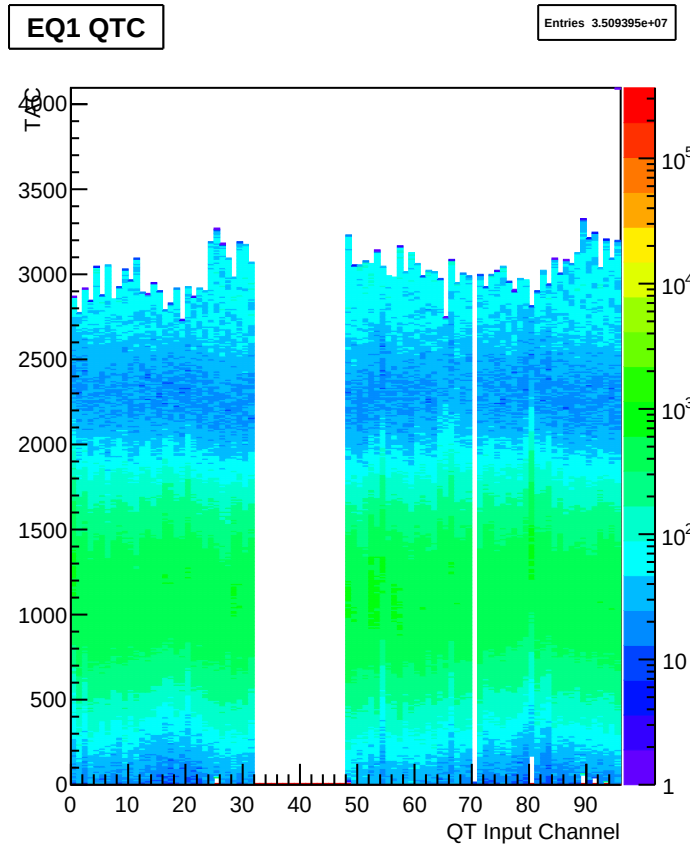

BBQ-VP002 West
Entries 5848992
ADC
QT Input Channel

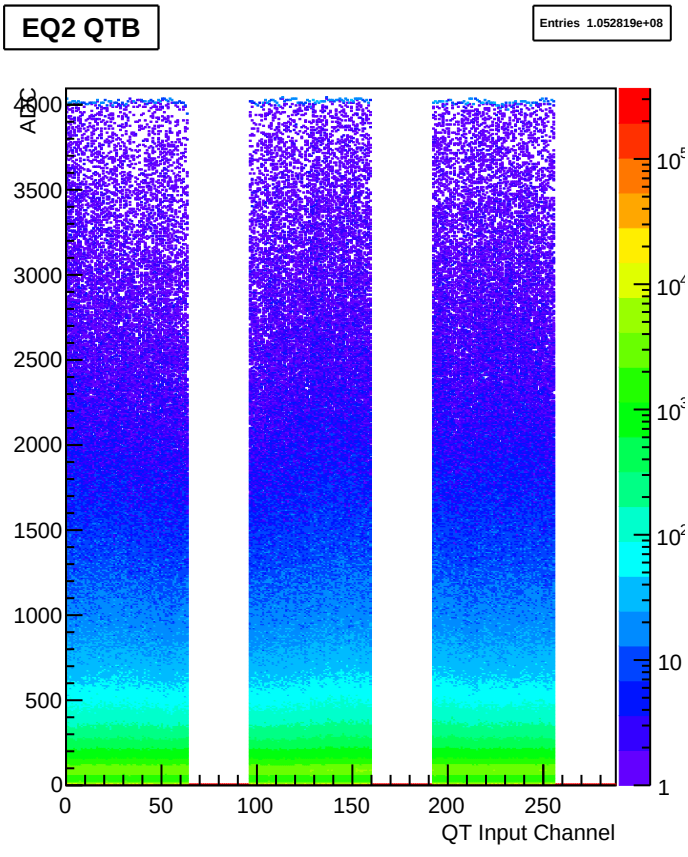

BBQ-VP002 West
Entries 5848992
ADC
QT Input Channel

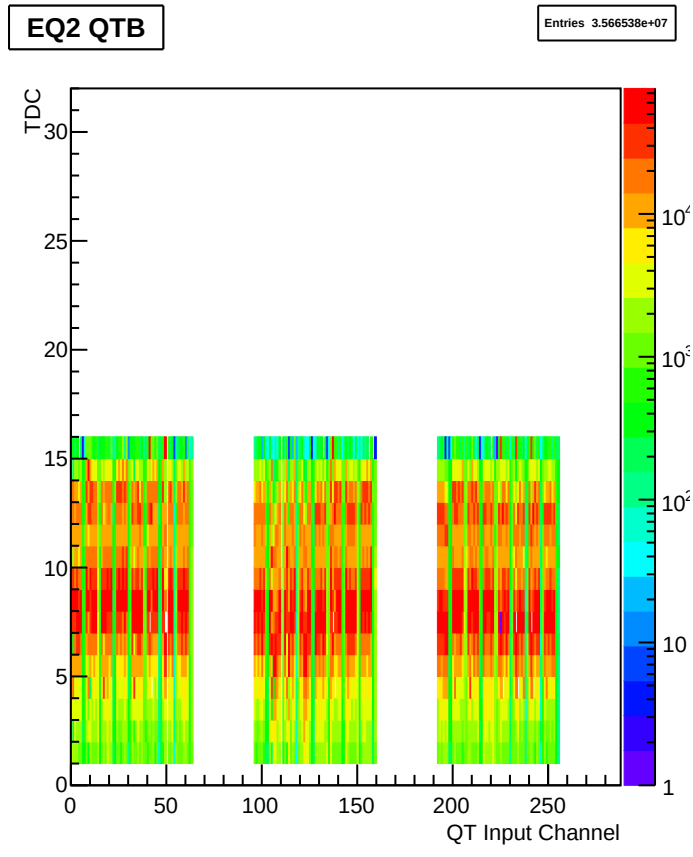

EQ1 QTB
Entries 1.052819e+08
ADC
QT Input Channel

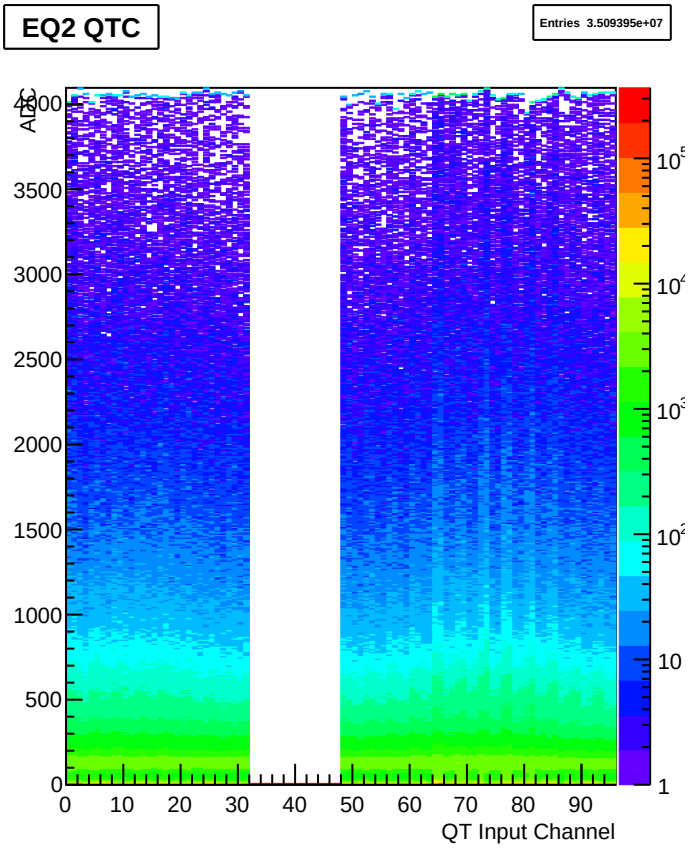

EQ1 QTB
Entries 3.556971e+07
TDC
QT Input Channel

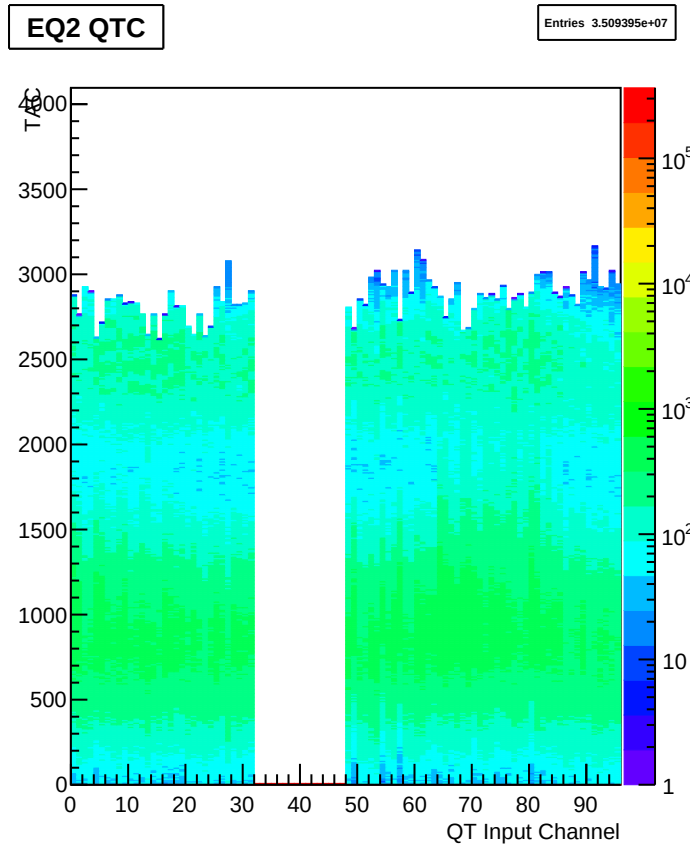

EQ1 QTC
Entries 3.509395e+07
ADC
QT Input Channel

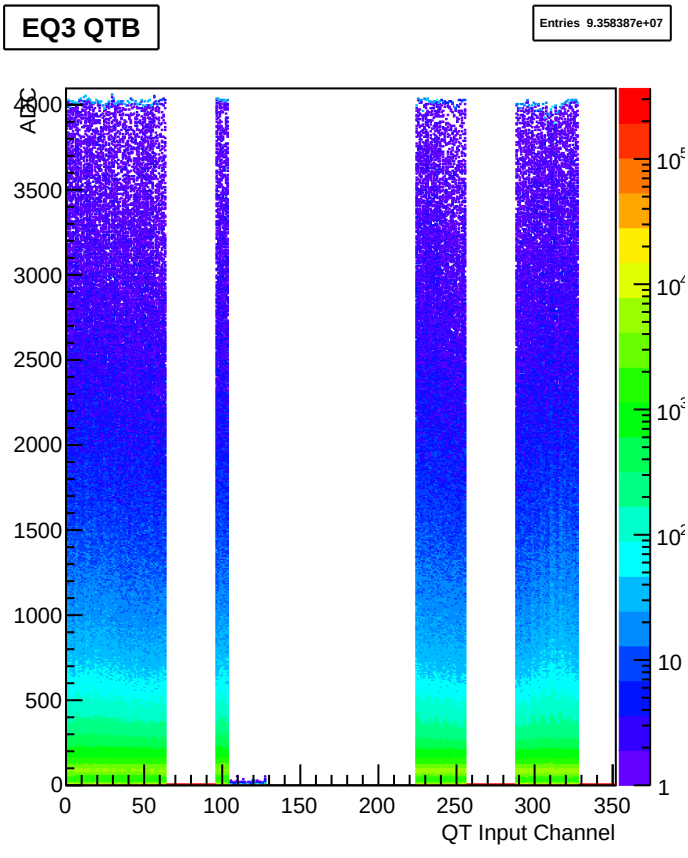

EQ1 QTC
Entries 3.509395e+07
TADC
QT Input Channel

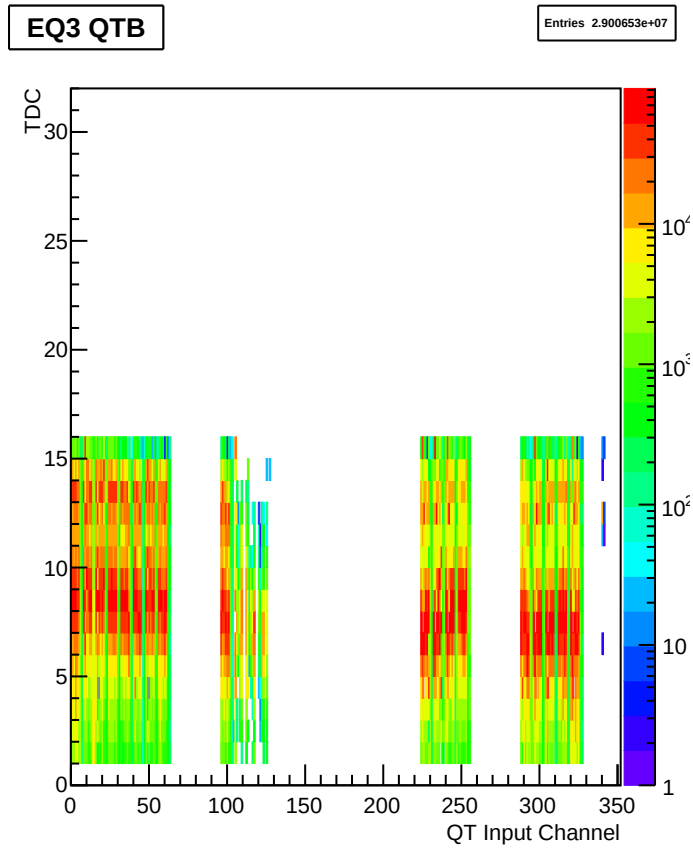

EQ2 QTB
Entries 1.052819e+08
ADC
QT Input Channel

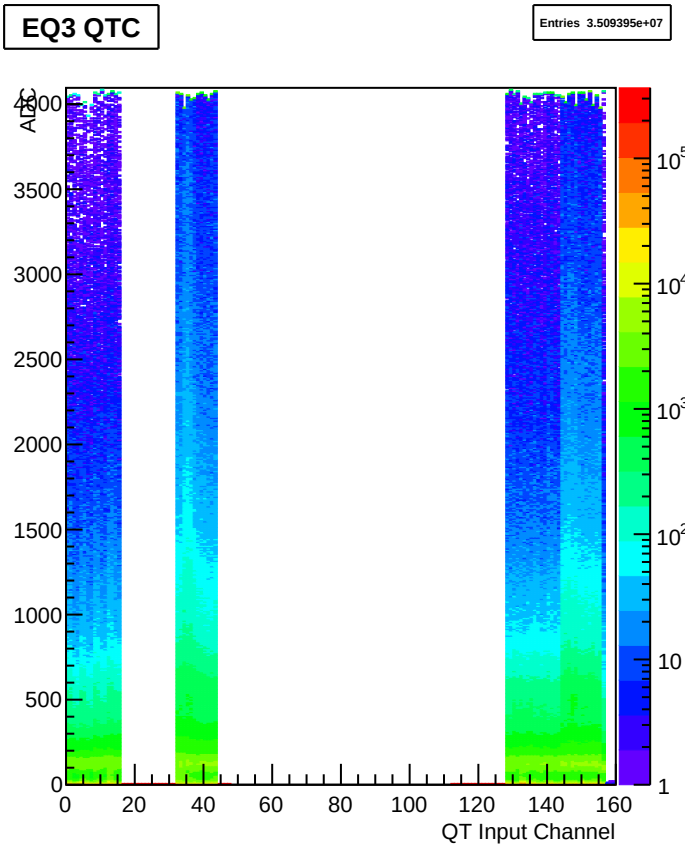

EQ2 QTB
Entries 3.566538e+07
TDC
QT Input Channel

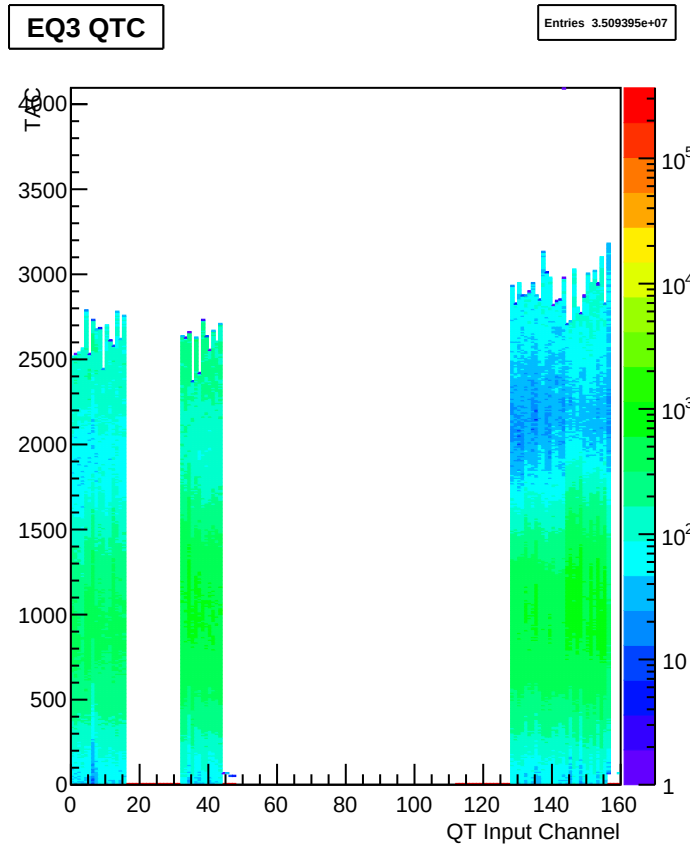

EQ2 QTC
Entries 3.509395e+07
ADC
QT Input Channel

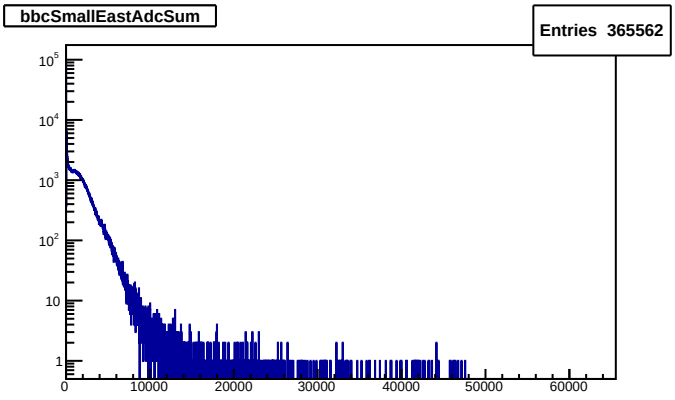

EQ2 QTC
Entries 3.509395e+07
TADC
QT Input Channel

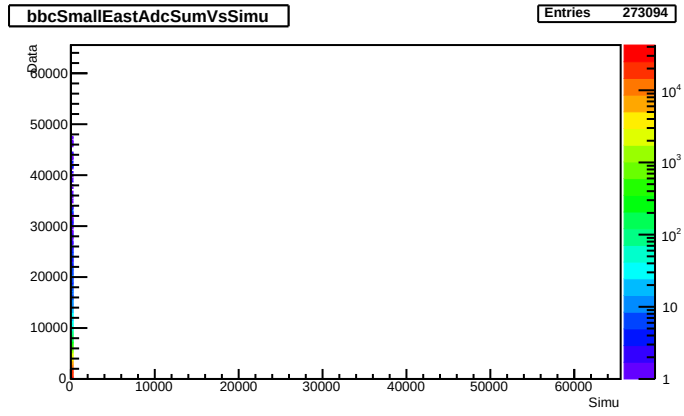

EQ3 QTB
Entries 9.358387e+07
ADC
QT Input Channel

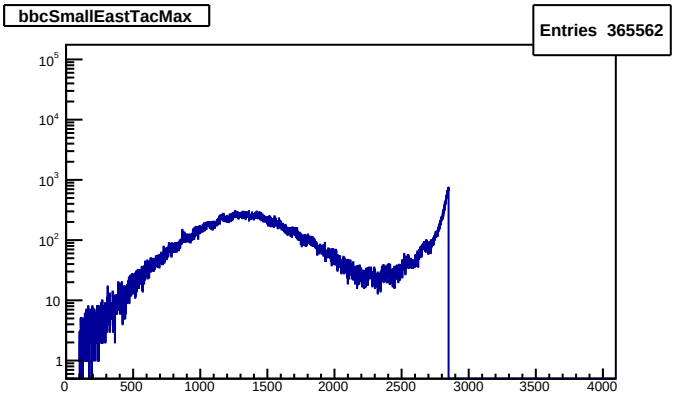

EQ3 QTB
Entries 2.900653e+07
TDC
QT Input Channel


EQ3 QTC
Entries 3.509395e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.509395e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 365562


bbcSmallEastAdcSumVsSimu
Entries 273094
Data
Simu


bbcSmallEastTacMax
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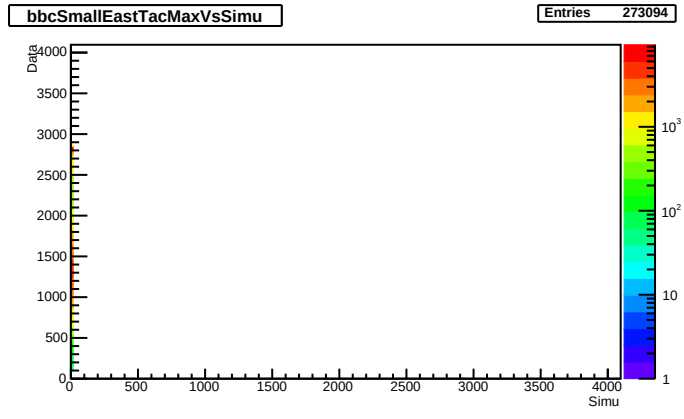
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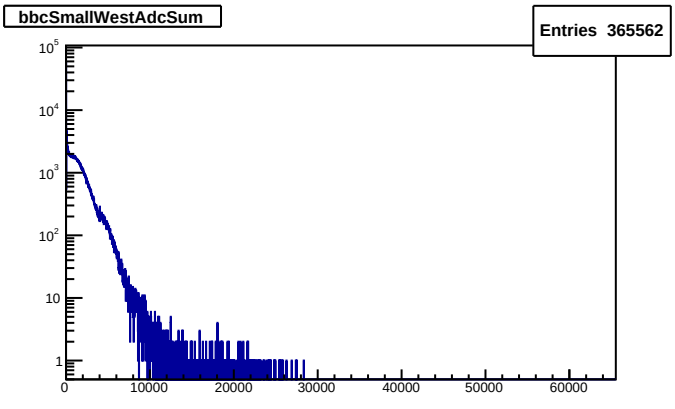
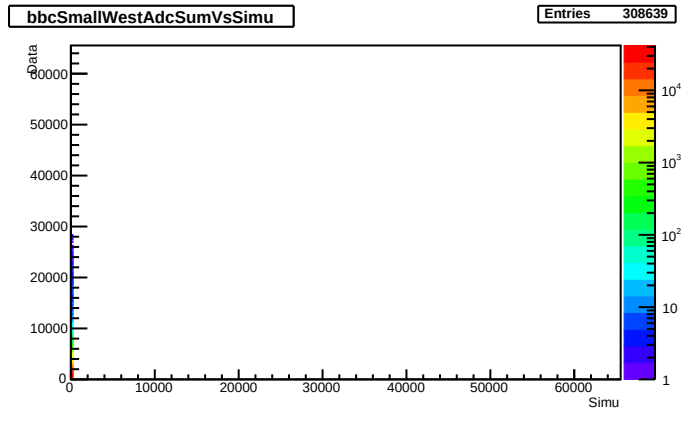
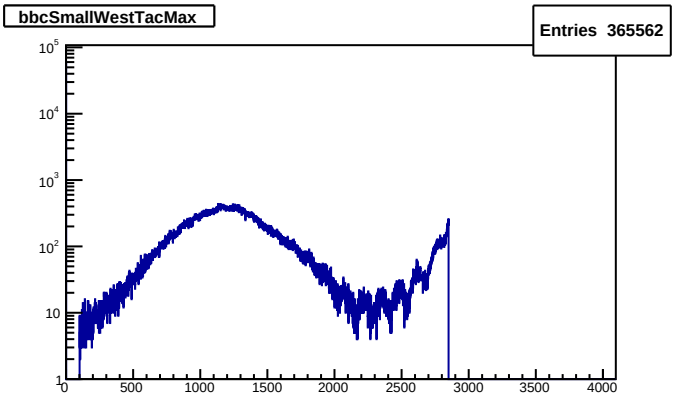
Data
Simu


bbcSmallWestAdcSum
Entries 365562


bbcSmallWestAdcSumVsSimu
Entries 308639
Data
Simu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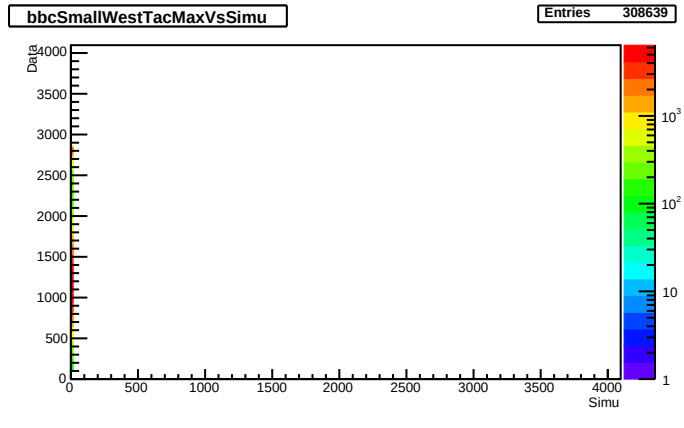
Entries 365562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Entries 308639
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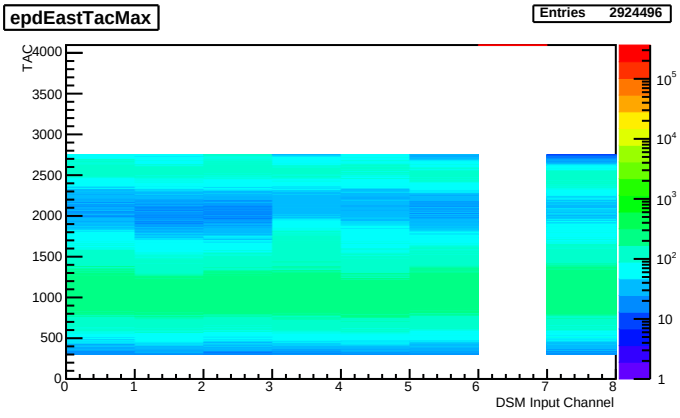
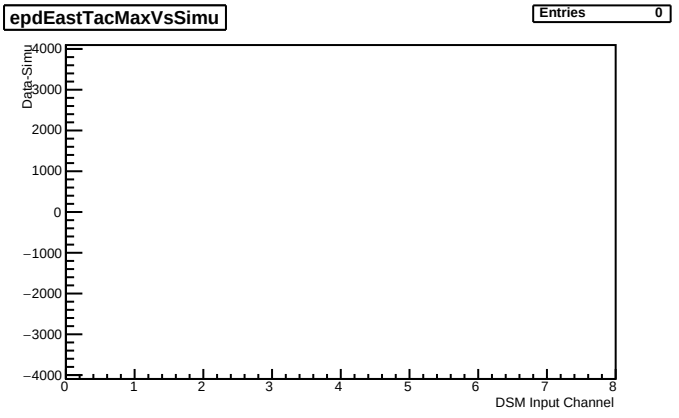
Simu


epdEastTacMax
Entries 2924496
TAC
DSM Input Channel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Entries 0
Data-Simu
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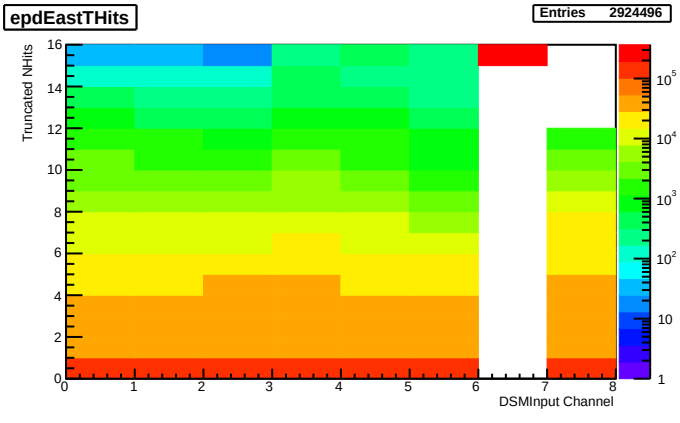
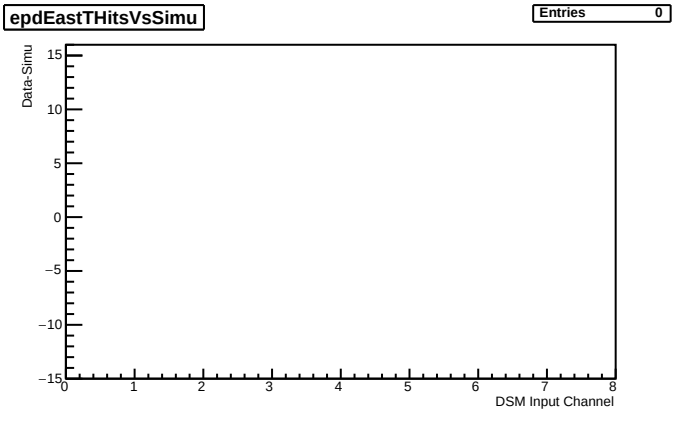

epdEastTHits
Entries 2924496
Truncated NHits
DSMInput Channel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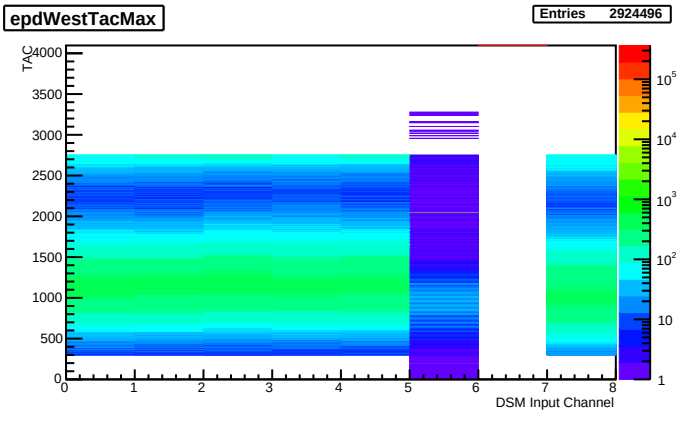
DSM Input Channel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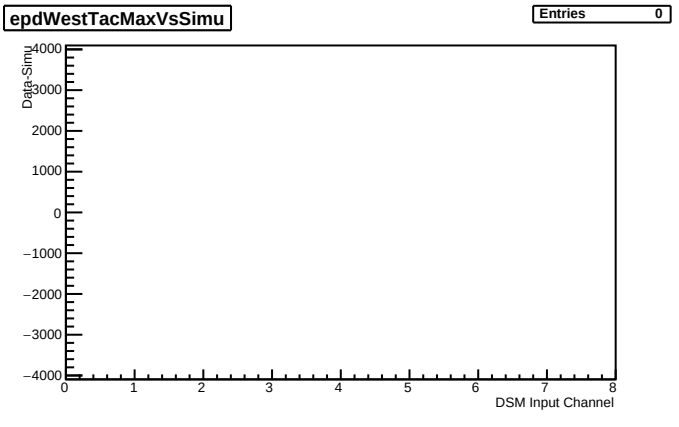
Entries 2924496
TAC
DSM Input Channel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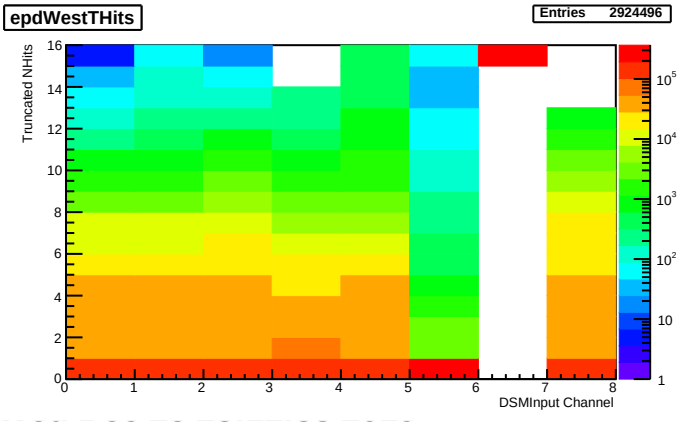
Data-Simu
DSM Input Channel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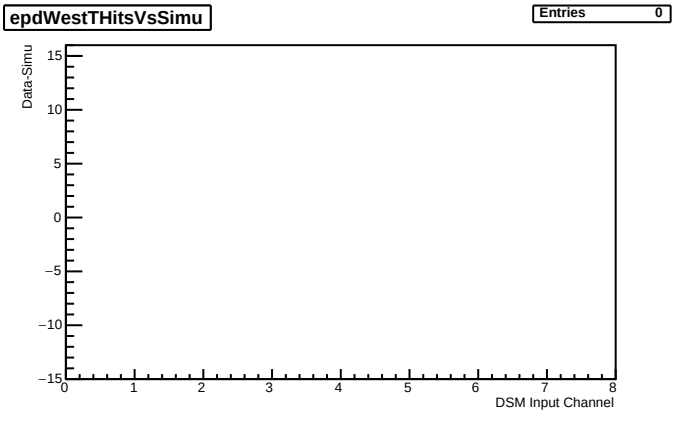
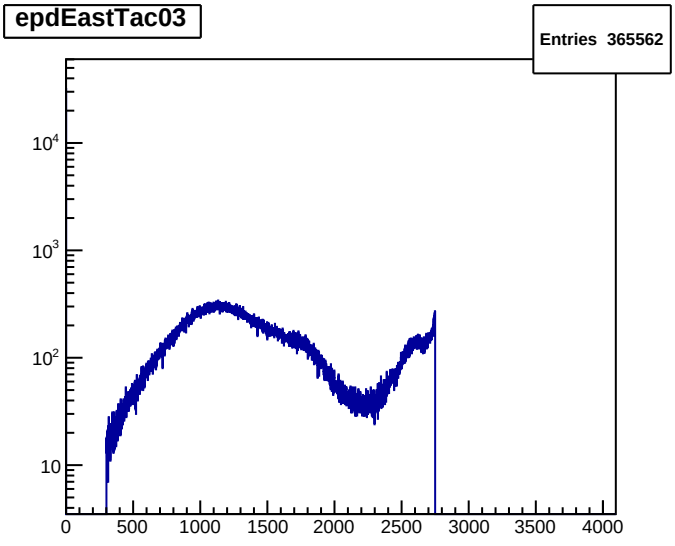
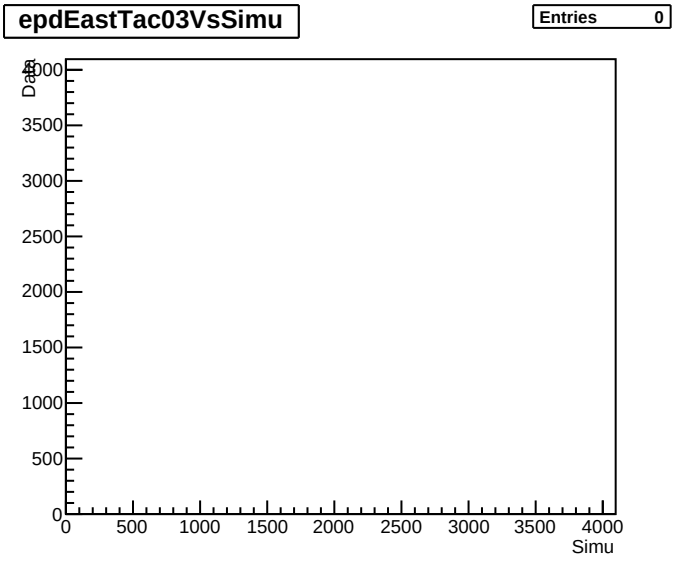
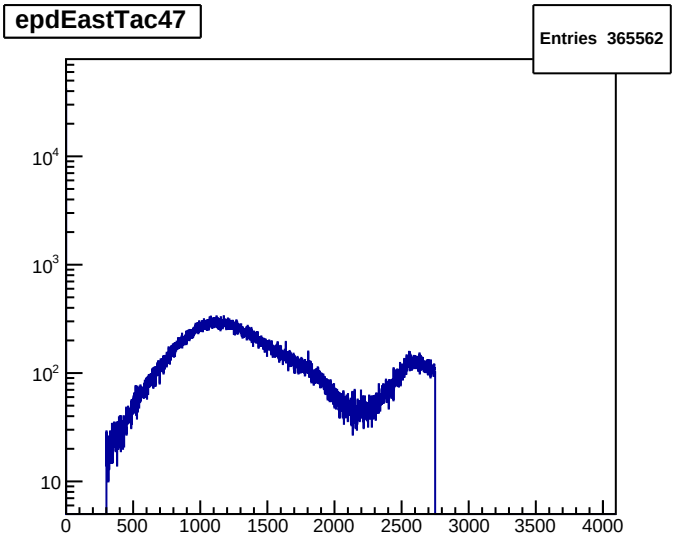
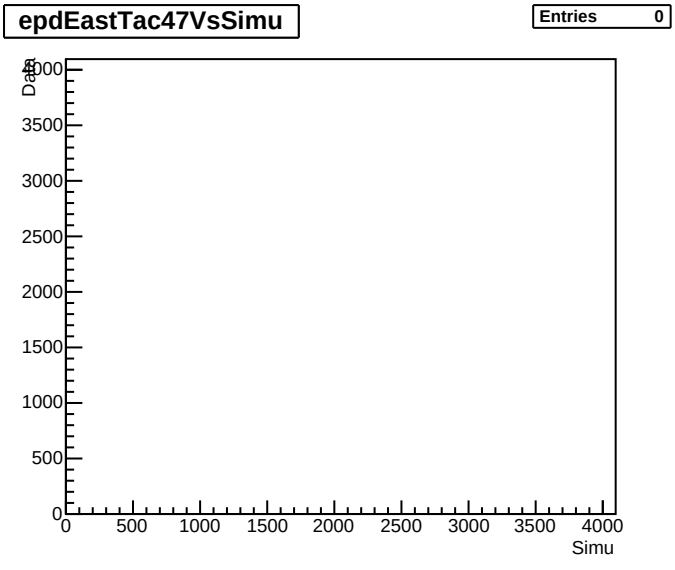
Entries 2924496
Truncated NHits
DSMInput Channel

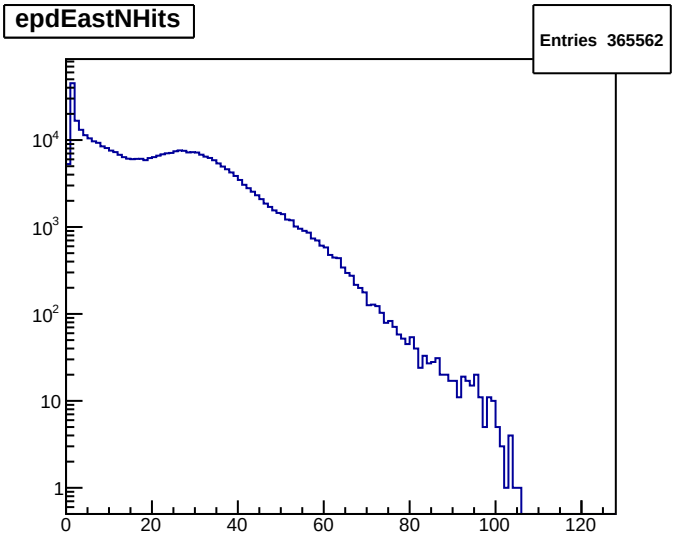

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

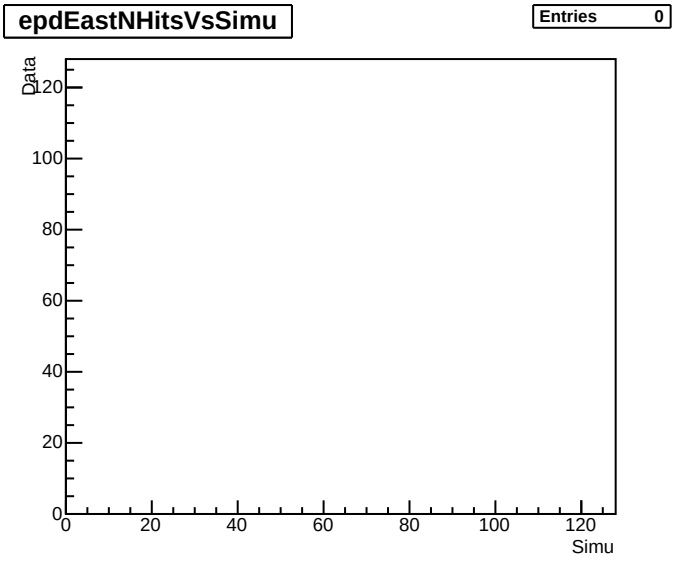

epdEastTac03
Entries 365562


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 365562


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 365562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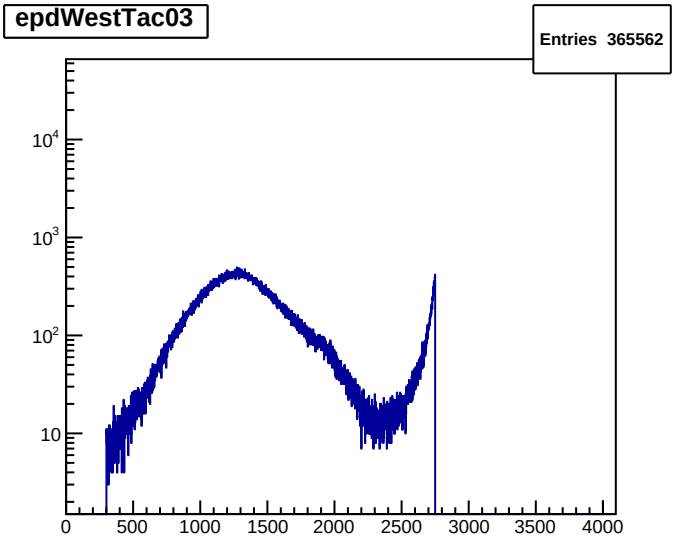
Entries 0
Data
Simu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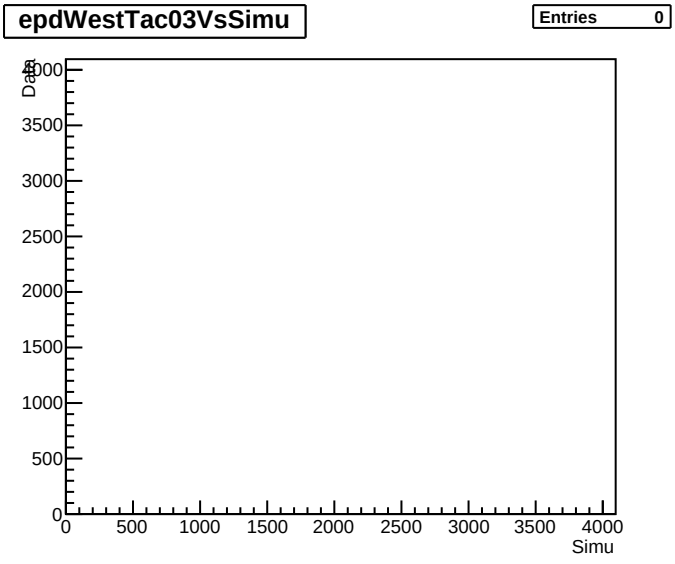
Entries 365562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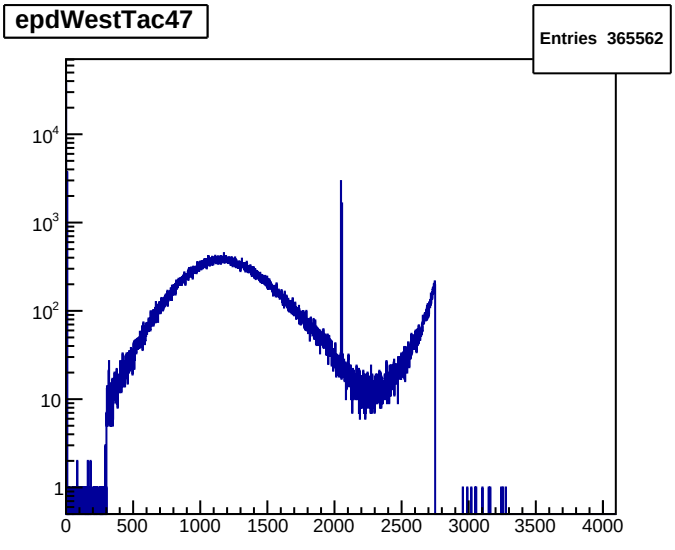
Entries 0
Data
Simu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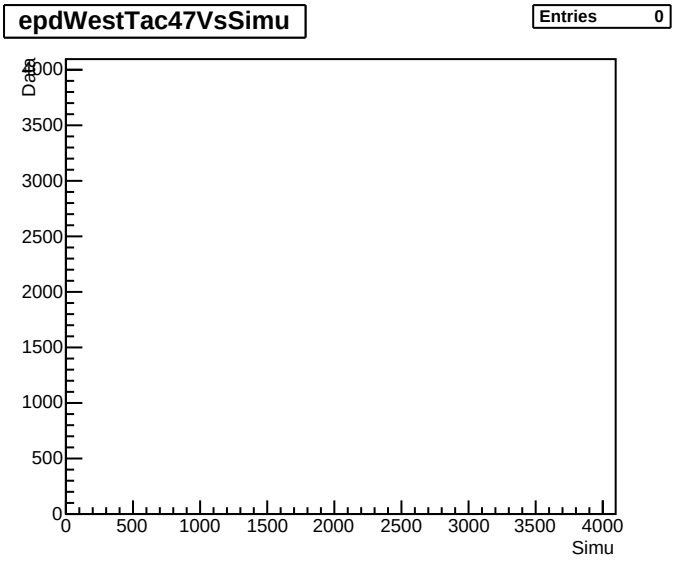
Entries 365562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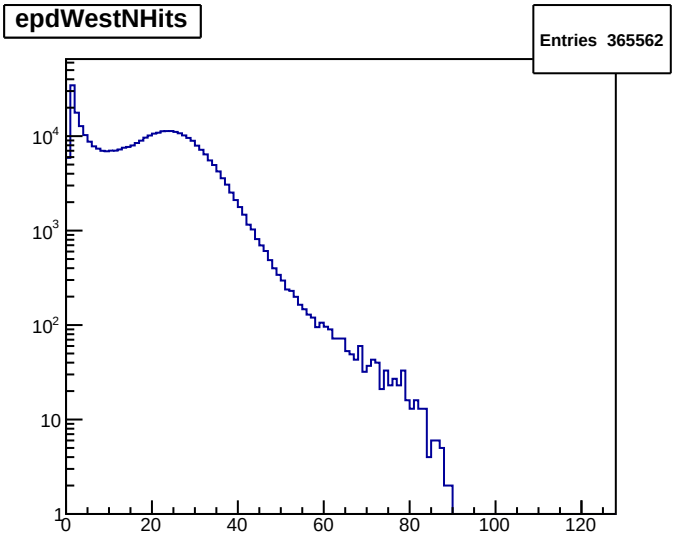
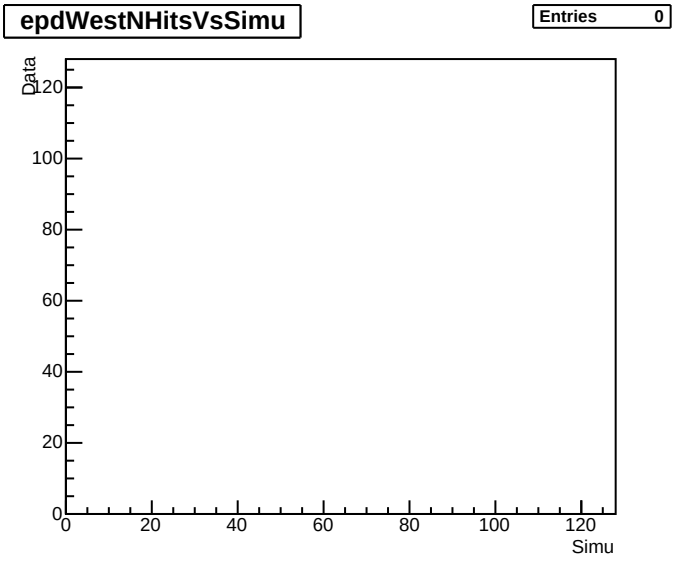
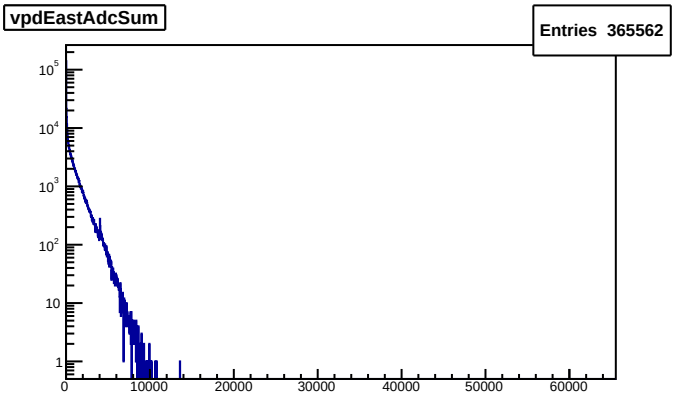
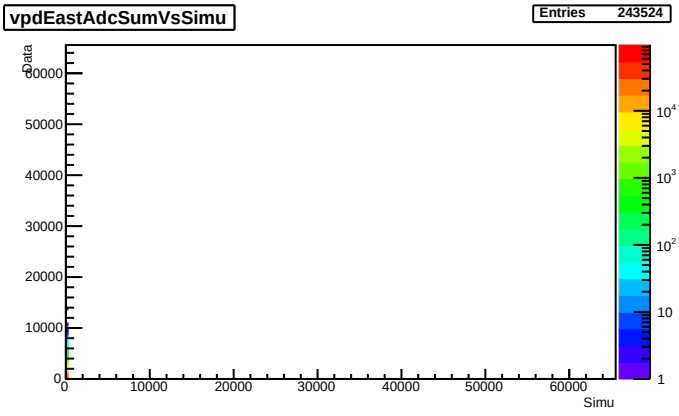
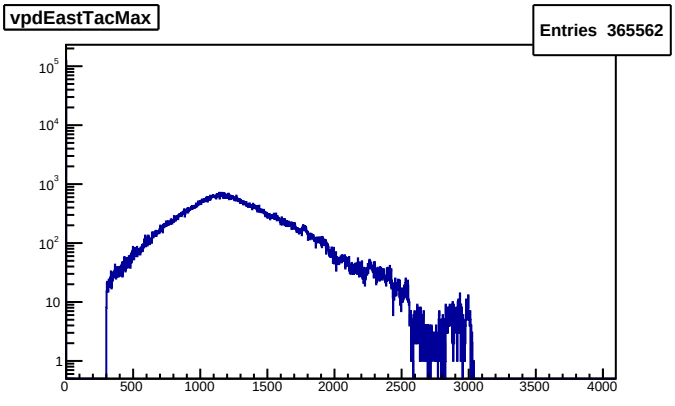
Entries 0
Data
Simu

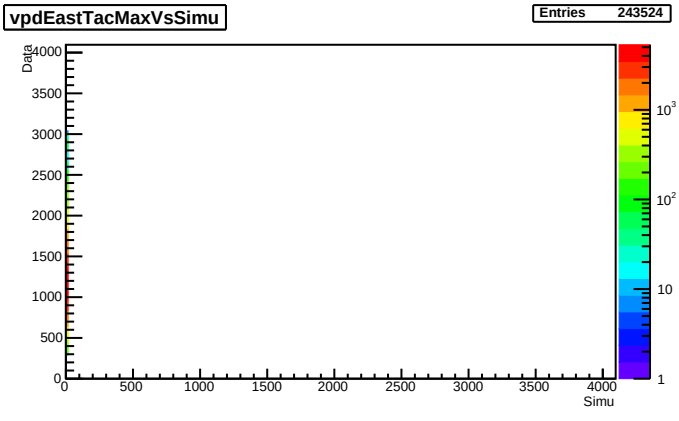

epdWestNHits
Entries 365562


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 365562


vpdEastAdcSumVsSimu
Entries 243524
Data
Simu


vpdEastTacMax
Entries 365562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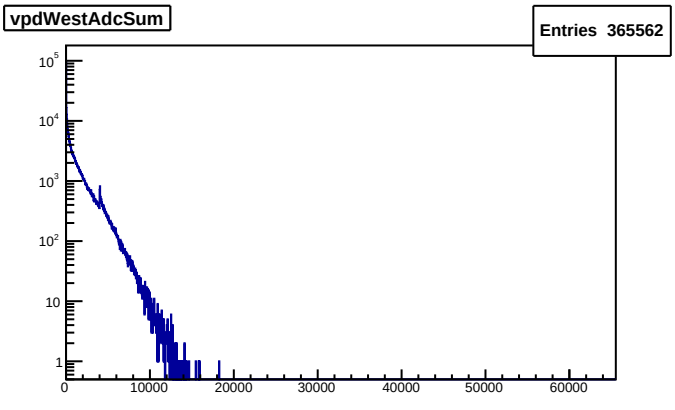
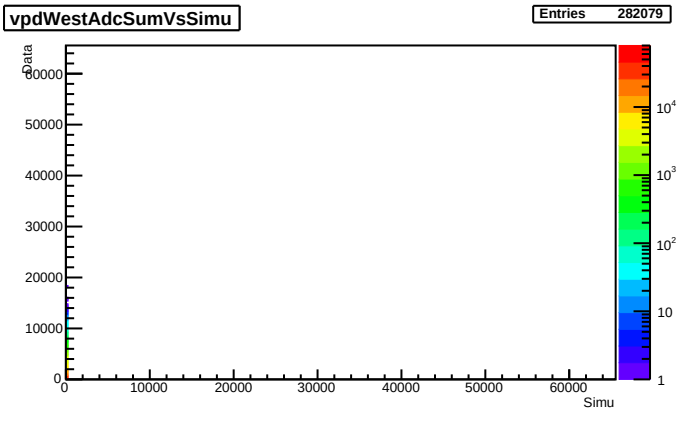
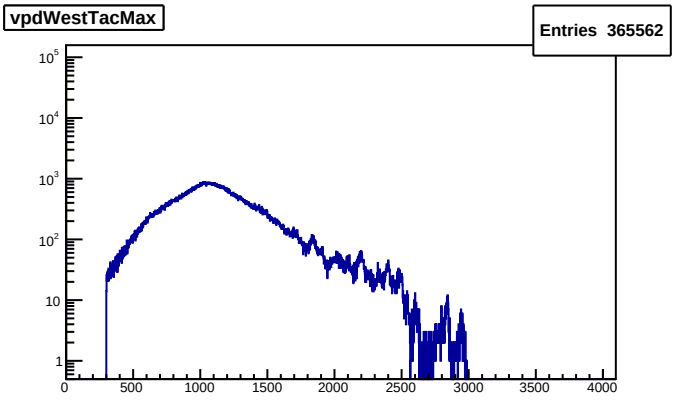
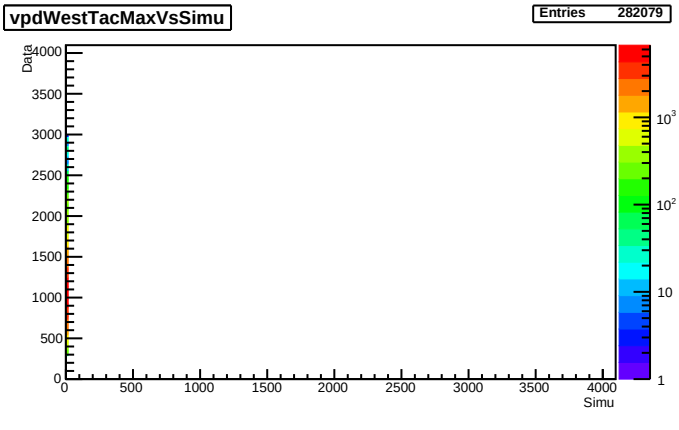
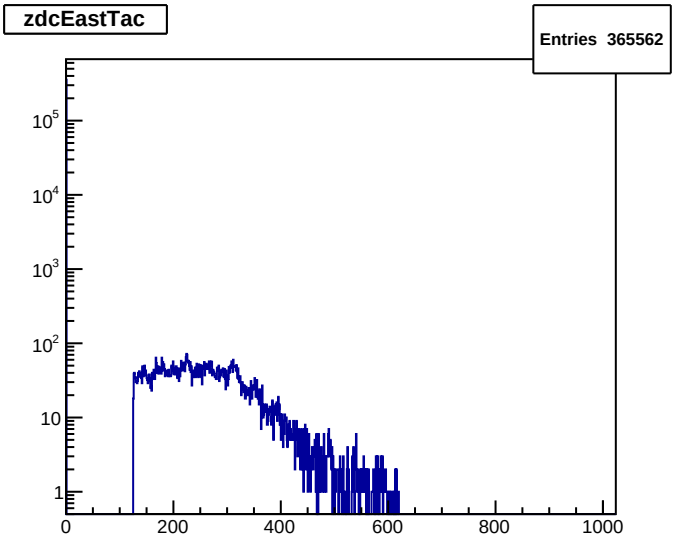
Entries 243524
Data
Simu

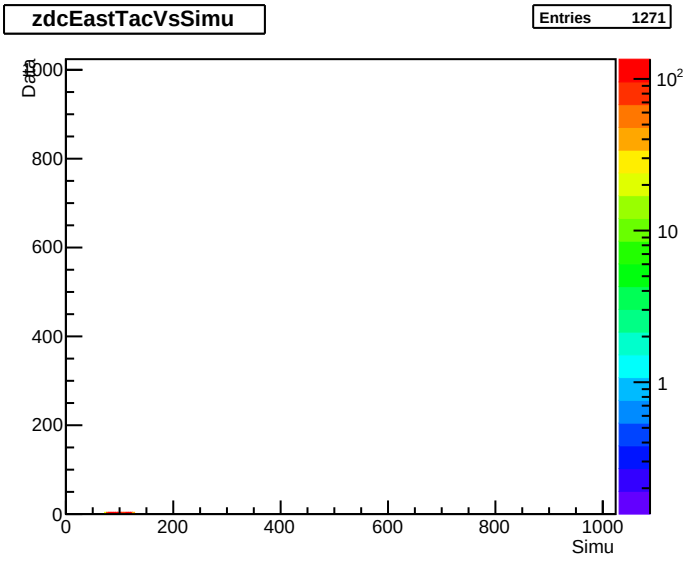

vpdWestAdcSum
Entries 365562

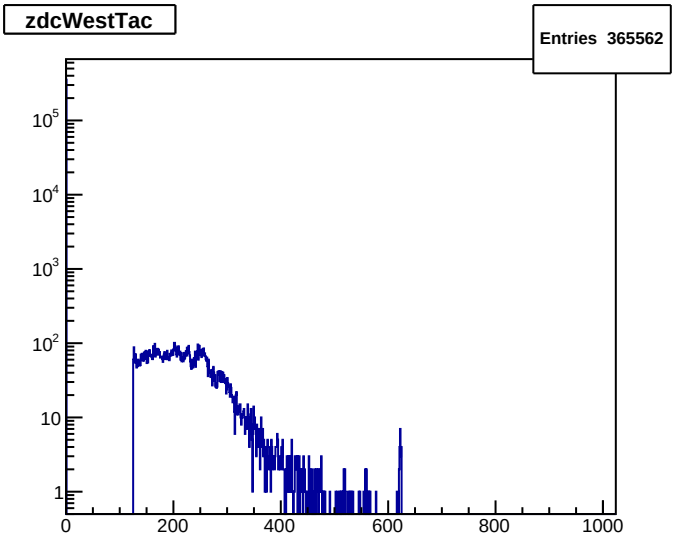

vpdWestAdcSumVsSimu
Entries 282079
Data
Simu

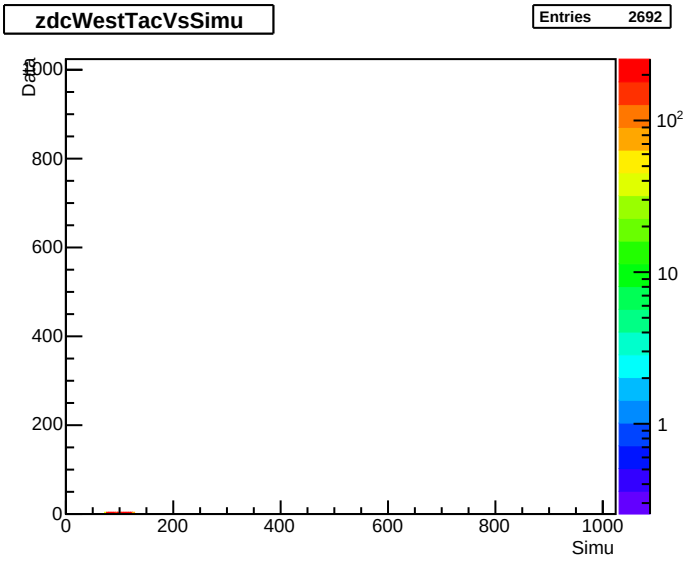

vpdWestTacMax
Entries 365562

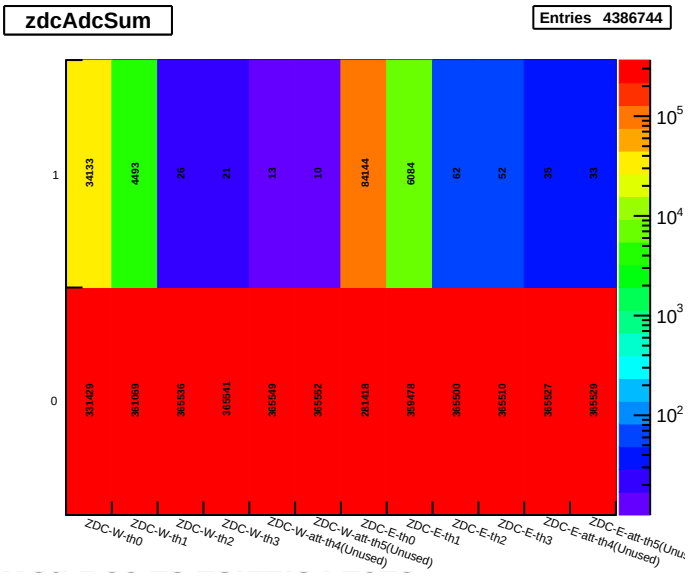

vpdWestTacMaxVsSimu
Entries 282079
Data
Simu

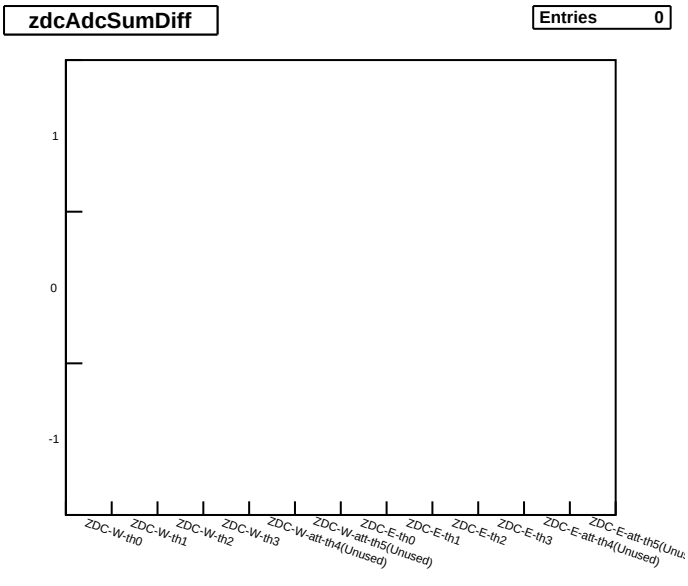

zdcEastTac
Entries 365562

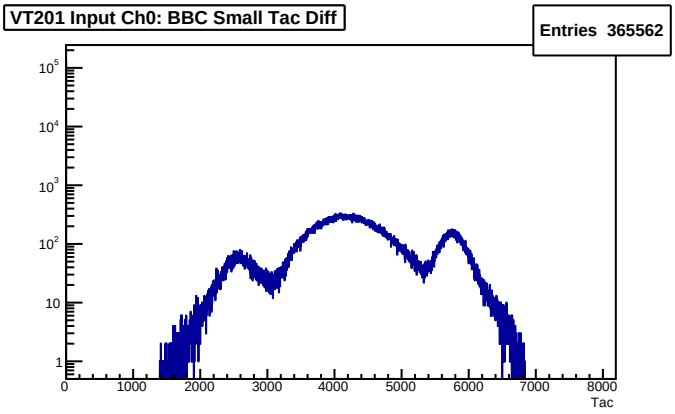

zdcEastTacVsSimu
Entries 1271
Data
Simu

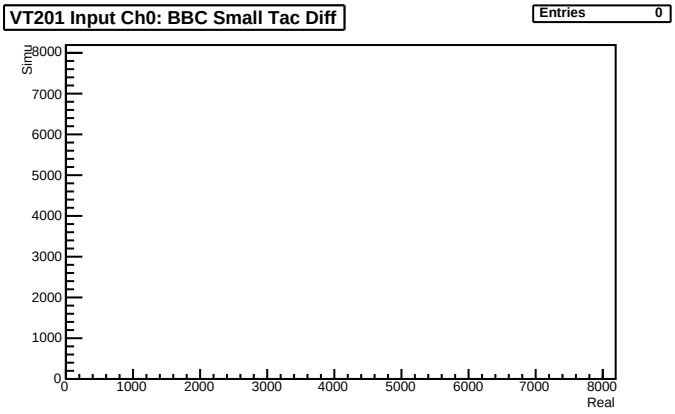

zdcWestTac
Entries 365562

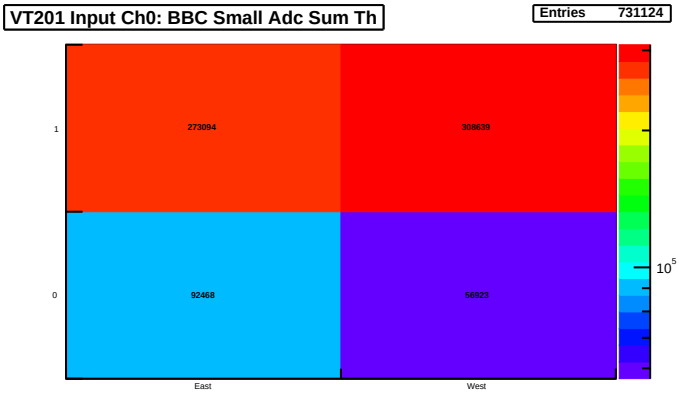

zdcWestTacVsSimu
Entries 2692
Data
Simu

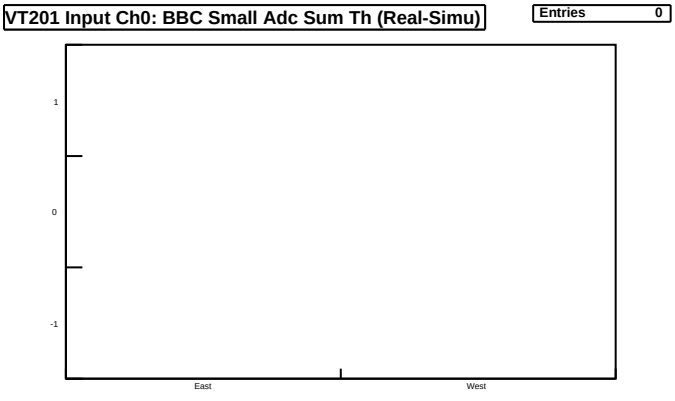

zdcAdcSum
Entries 4386744
34133
4493
26
21
13
10
84144
6084
62
52
35
33
331429
361069
365536
365541
365549
365552
281418
359476
365500
365510
365527
365529
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

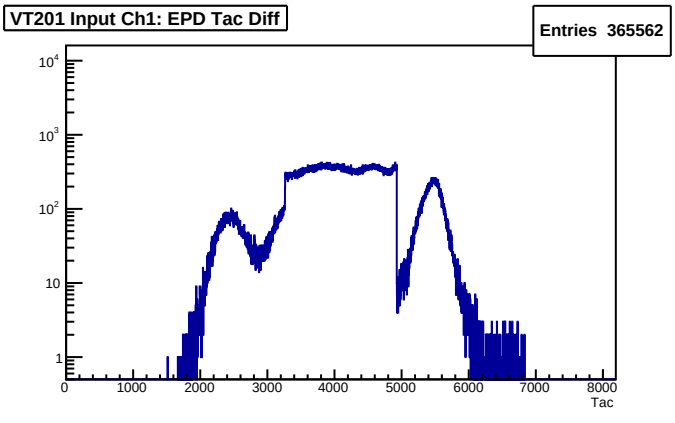

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

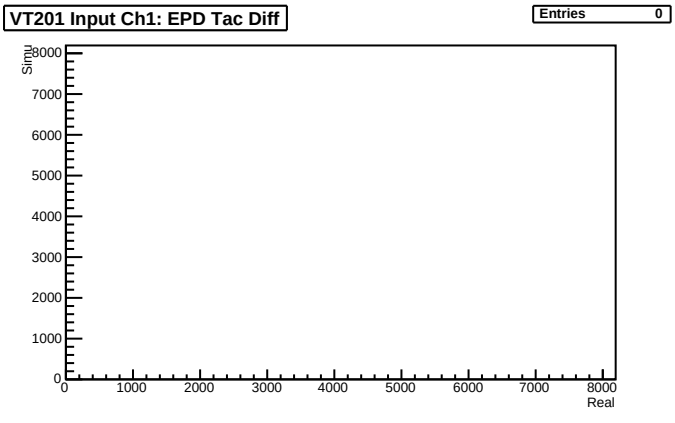

VT201 Input Ch0: BBC Small Tac Diff
Entries 365562
Tac

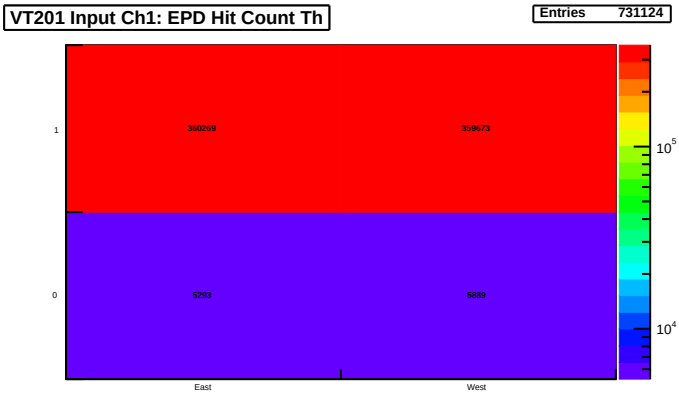

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

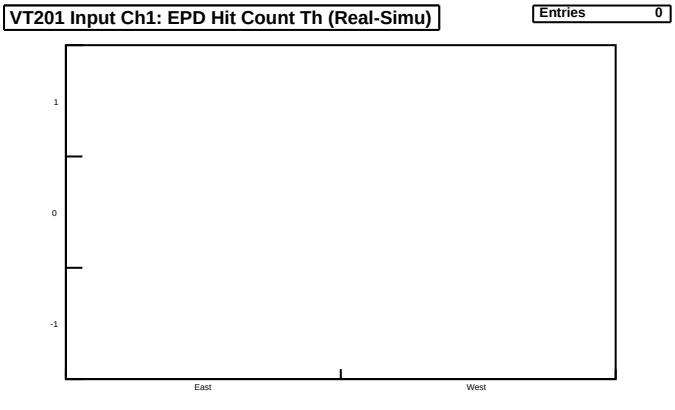

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 731124
273094
308639
92468
50923
East
West

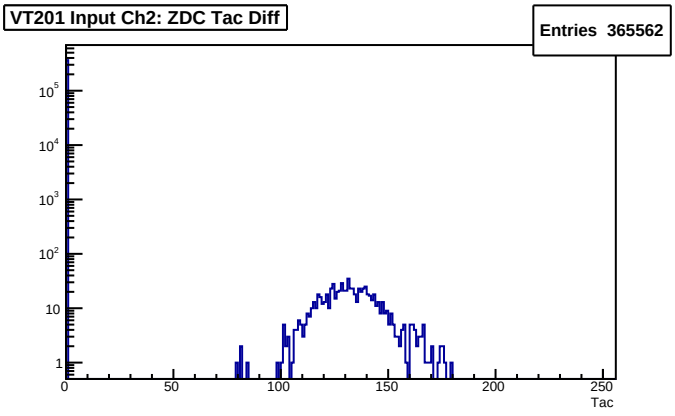

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

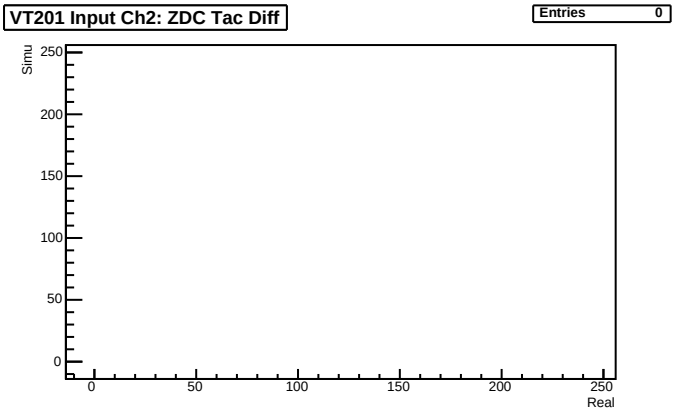

VT201 Input Ch1: EPD Tac Diff
Entries 365562
Tac

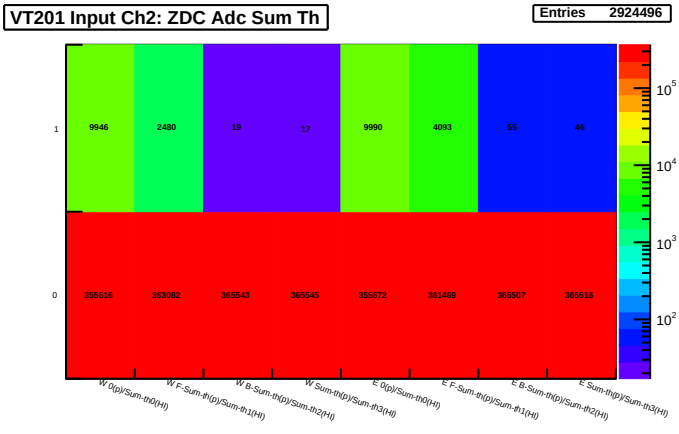

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

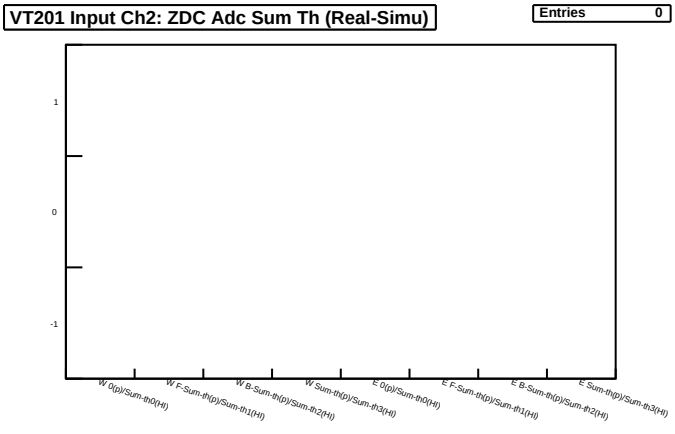

VT201 Input Ch1: EPD Hit Count Th
Entries 731124
360269
359673
5293
5889
East
West

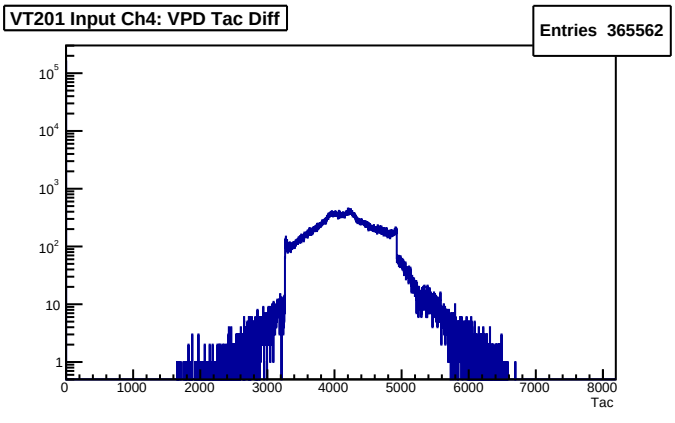

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

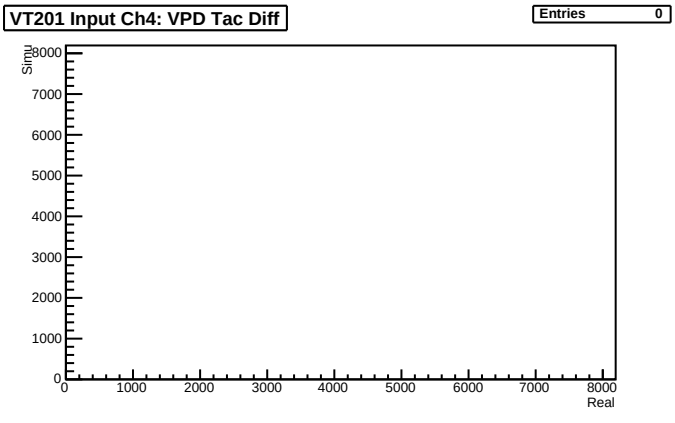

VT201 Input Ch2: ZDC Tac Diff
Entries 365562
Tac

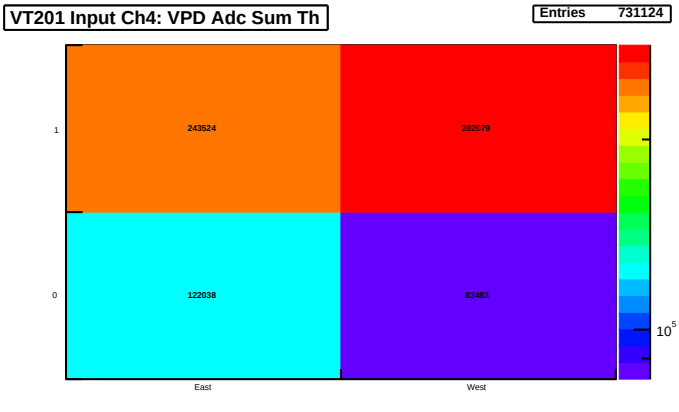

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

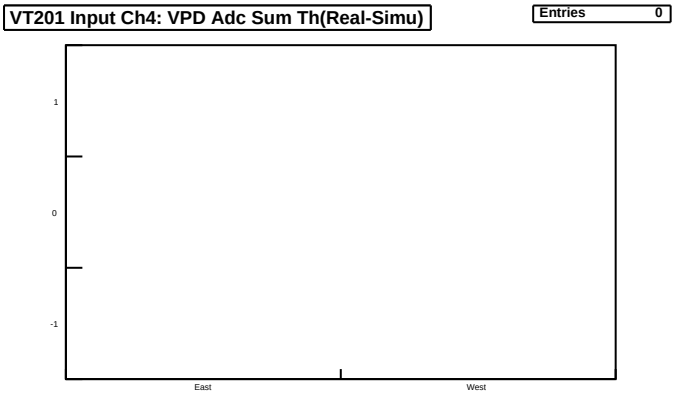

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2924496
9946
2480
19
17
9990
4093
55
46
355616
363082
365543
365545
355572
361469
365507
365516
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

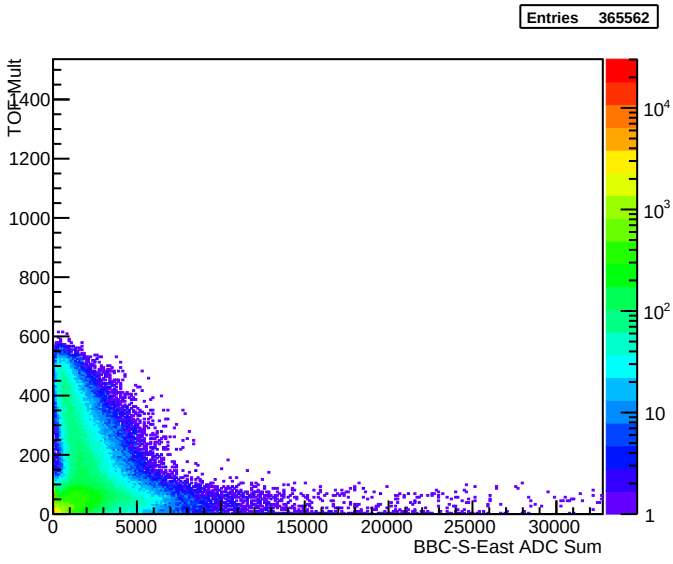

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

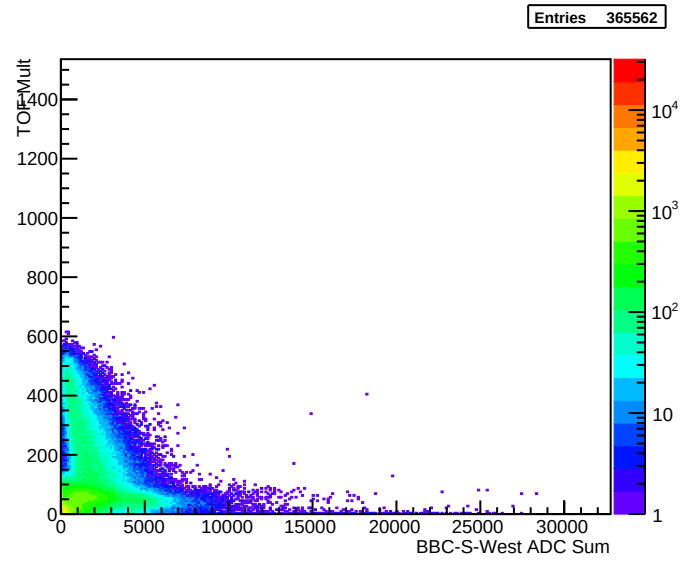

VT201 Input Ch4: VPD Tac Diff
Entries 365562
Tac

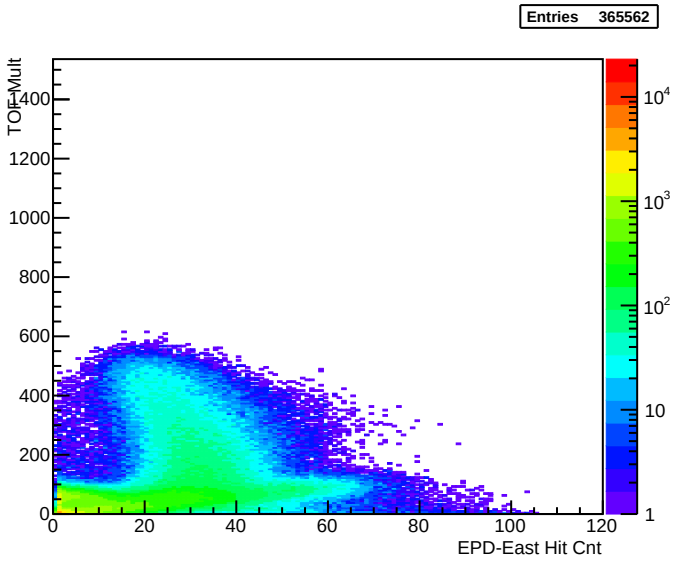

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

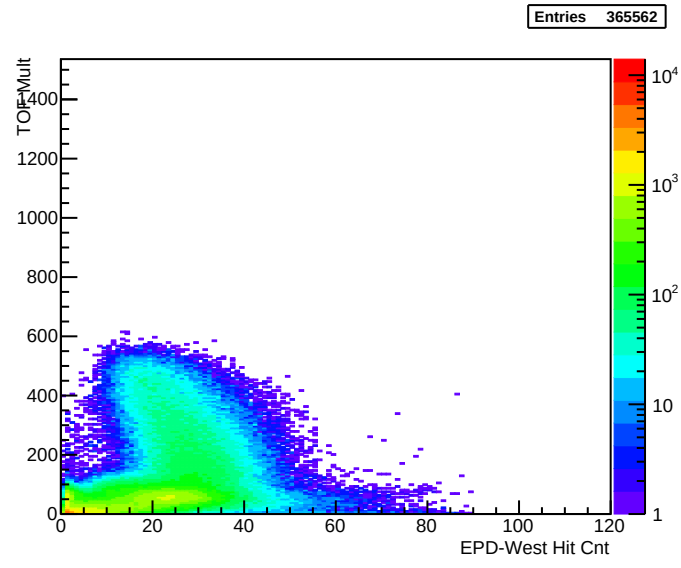

VT201 Input Ch4: VPD Adc Sum Th
Entries 731124
243524
282079
122038
83483
East
West

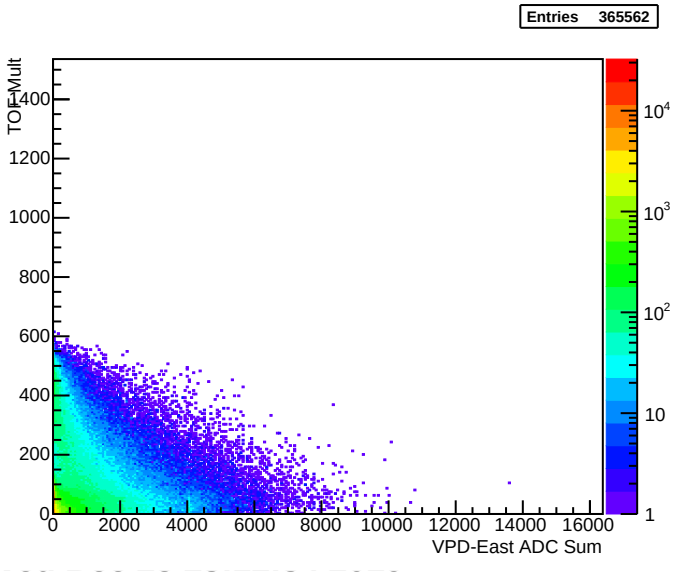

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

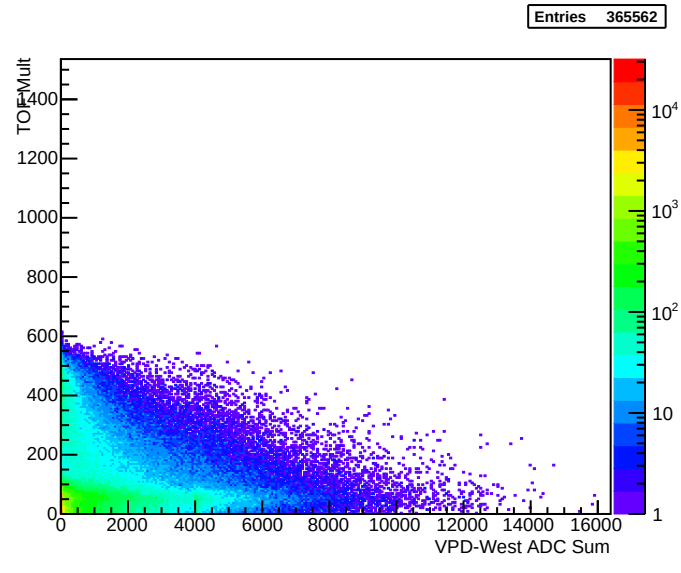

Entries 365562
TOF-Mult
BBC-S-East ADC Sum

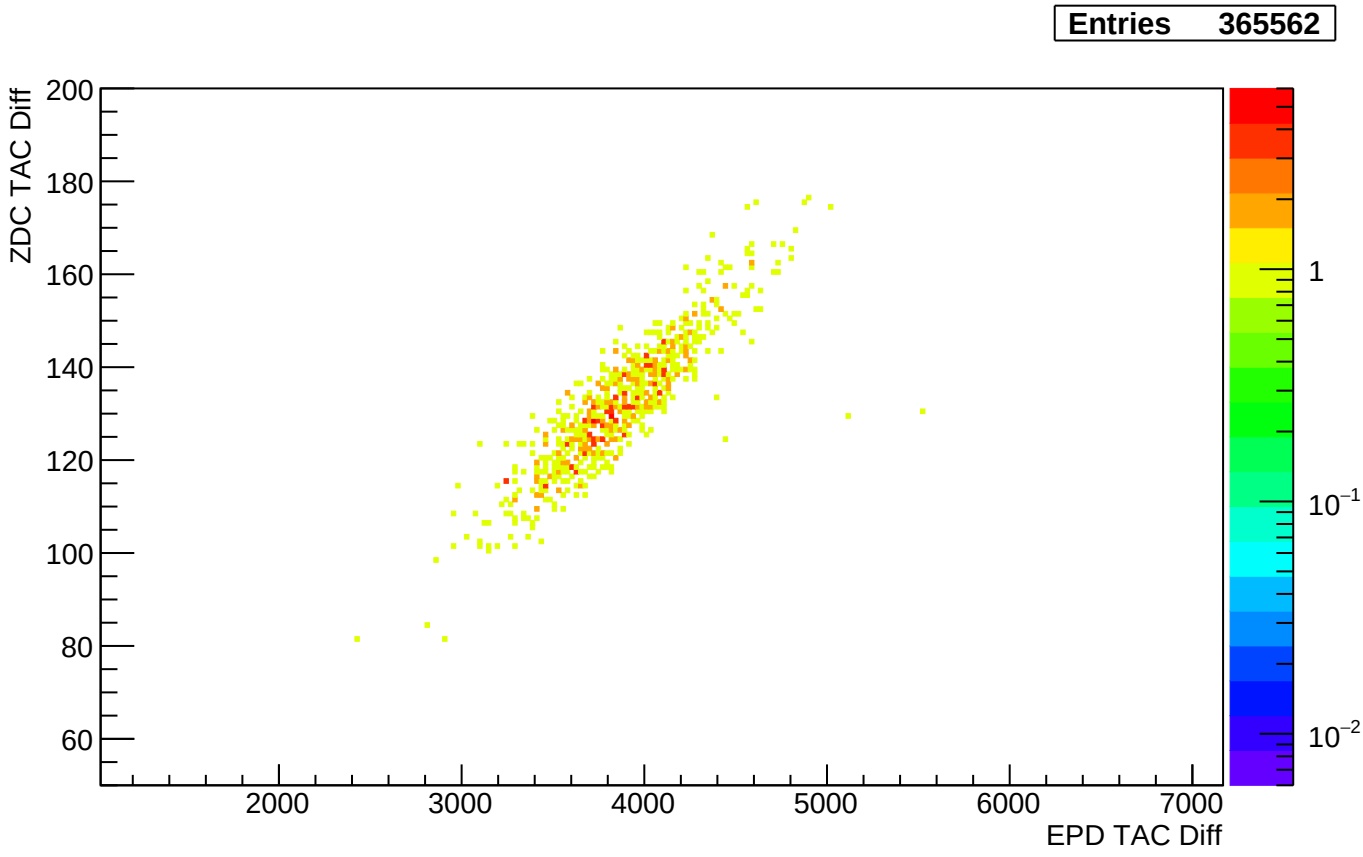

Entries 365562
TOF-Mult
BBC-S-West ADC Sum

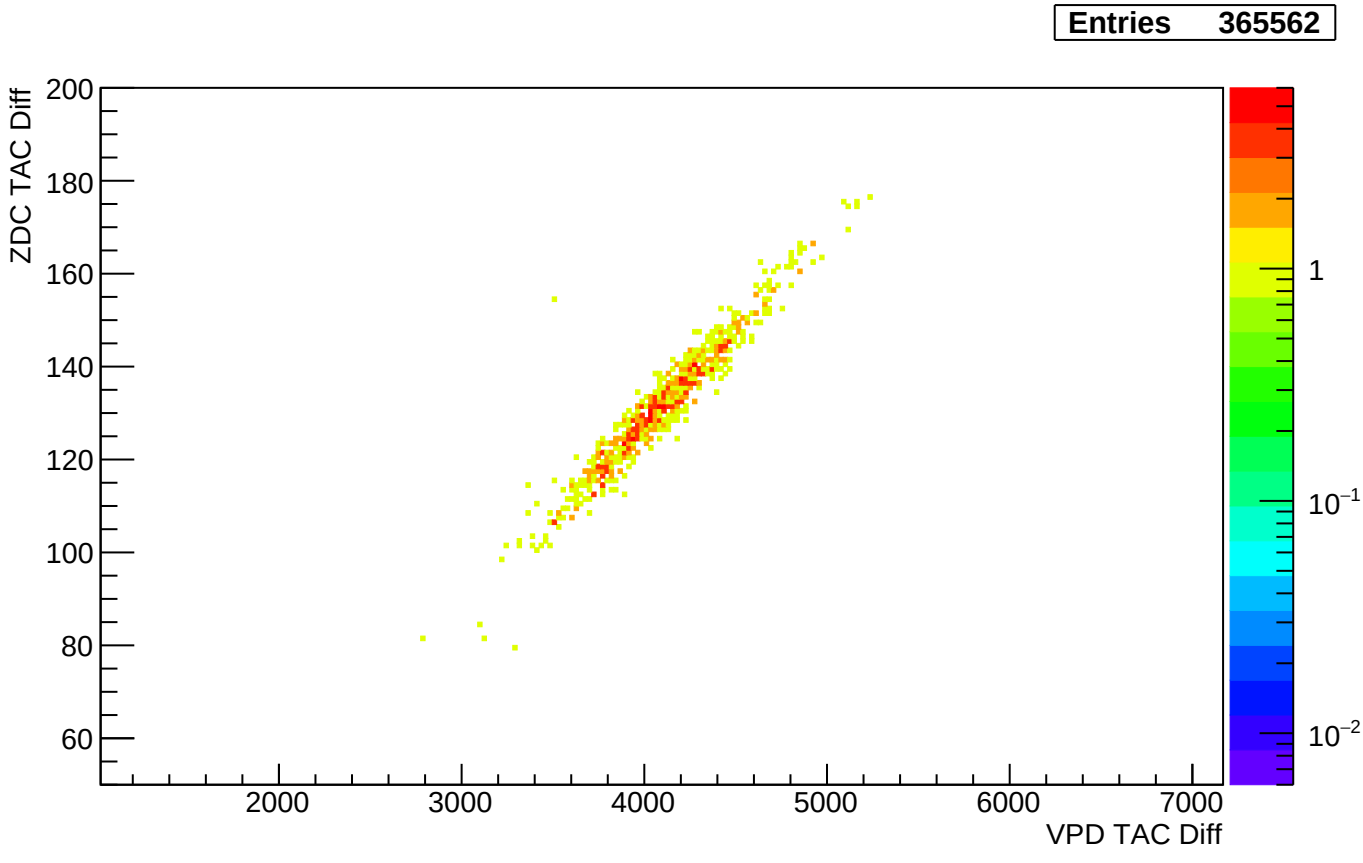

Entries 365562
TOF-Mult
EPD-East Hit Cnt

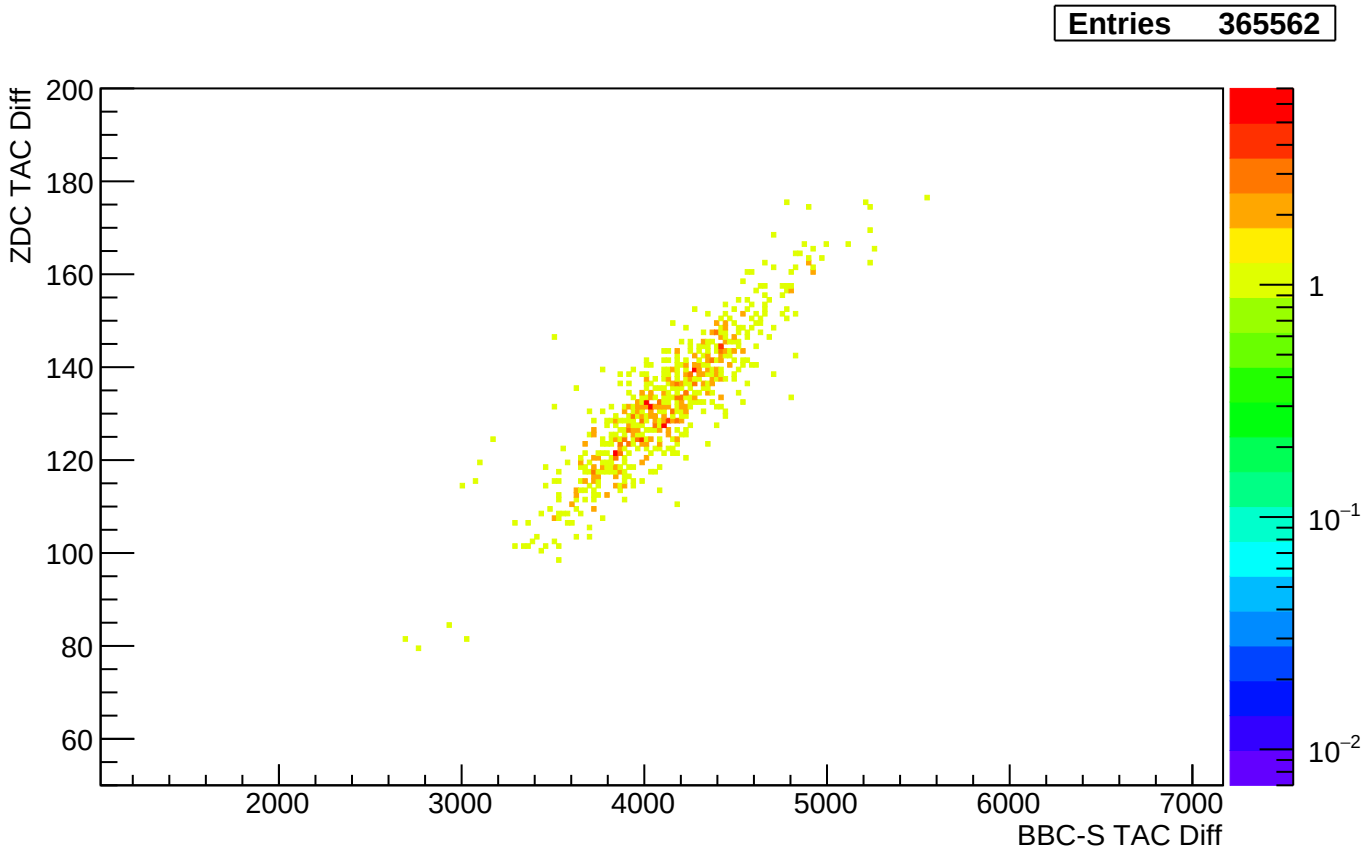

Entries 365562
TOF-Mult
EPD-West Hit Cnt

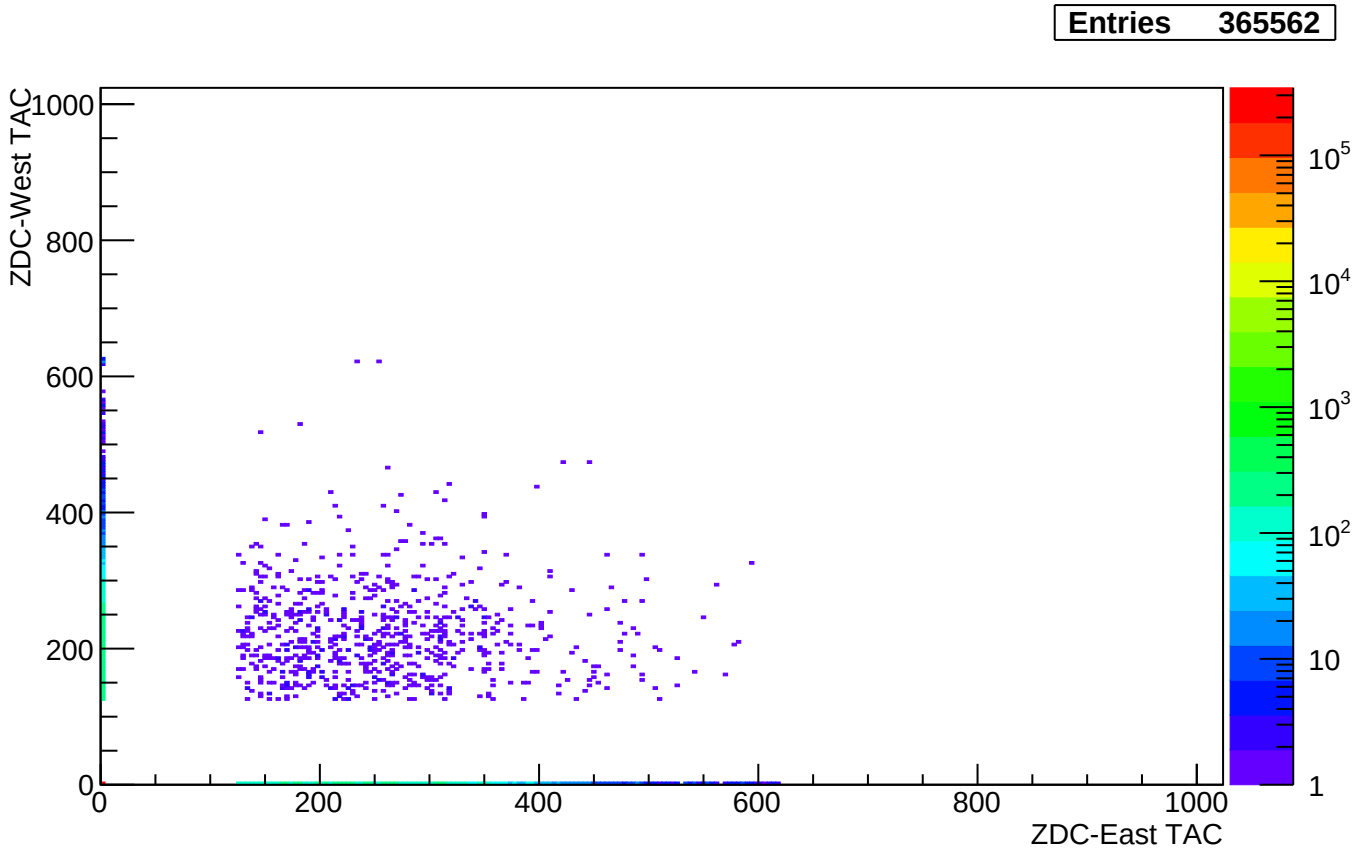

Entries 365562
TOF-Mult
VPD-East ADC Sum

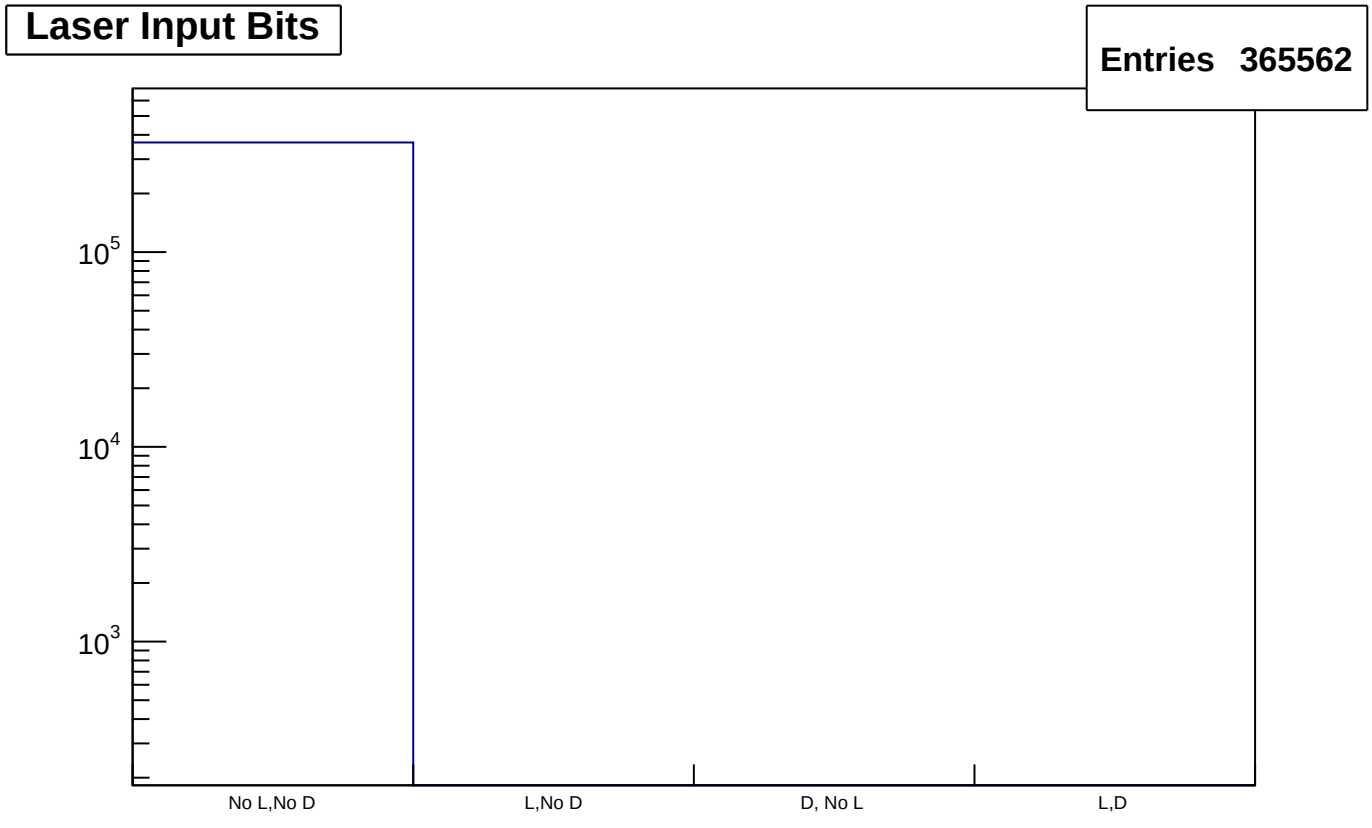

Entries 365562
TOF-Mult
VPD-West ADC Sum

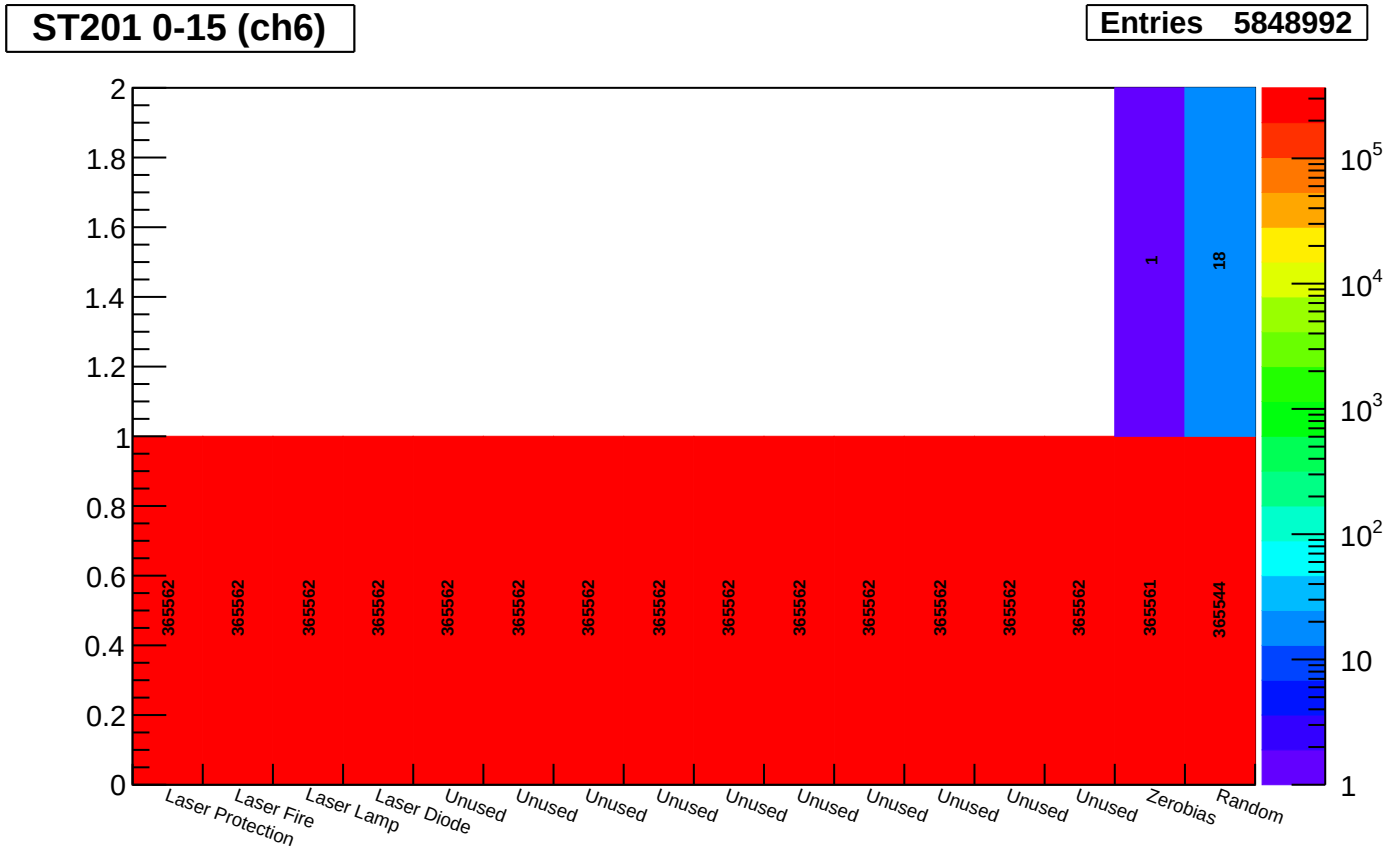

Entries 365562
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

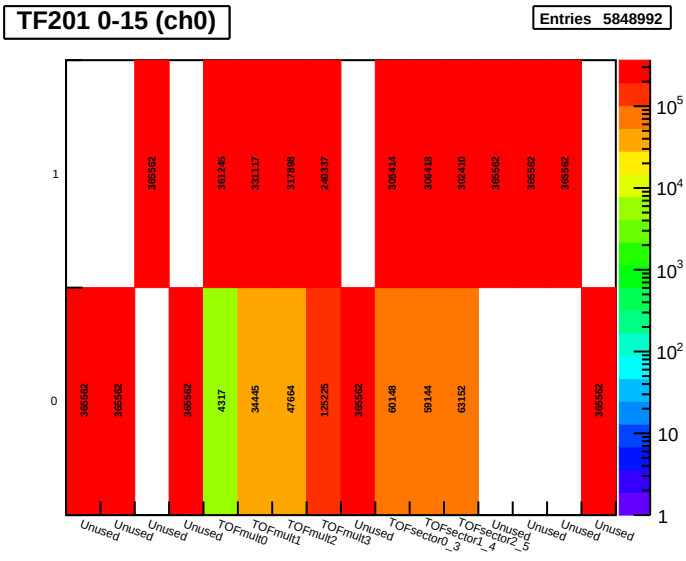

Entries 365562
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

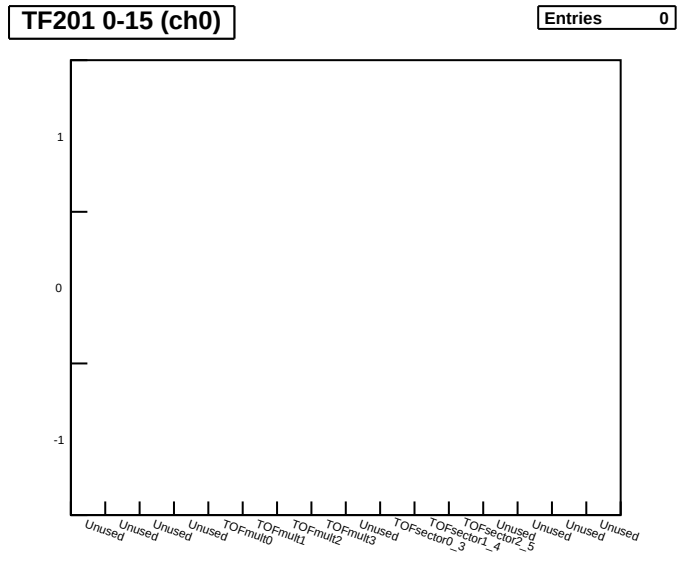

Entries 365562
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

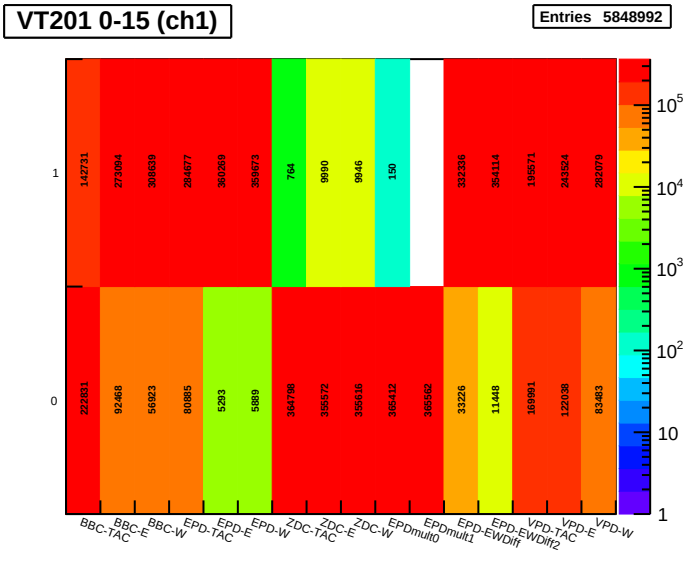

Entries 365562
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

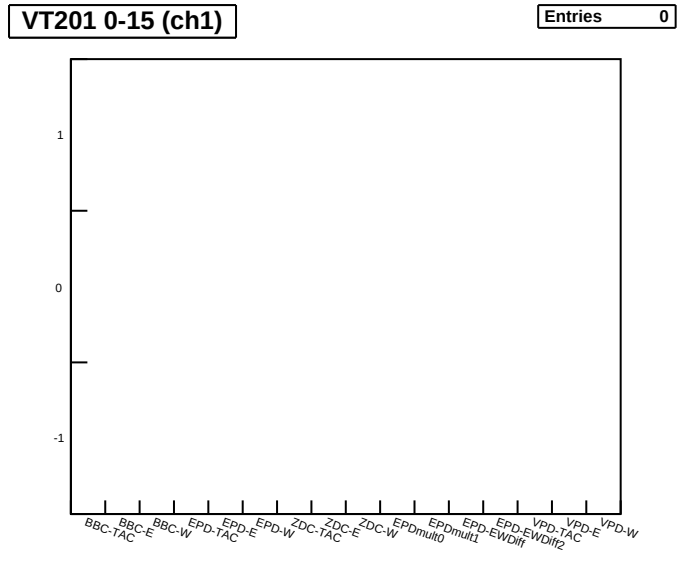

Laser Input Bits
Entries 365562
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

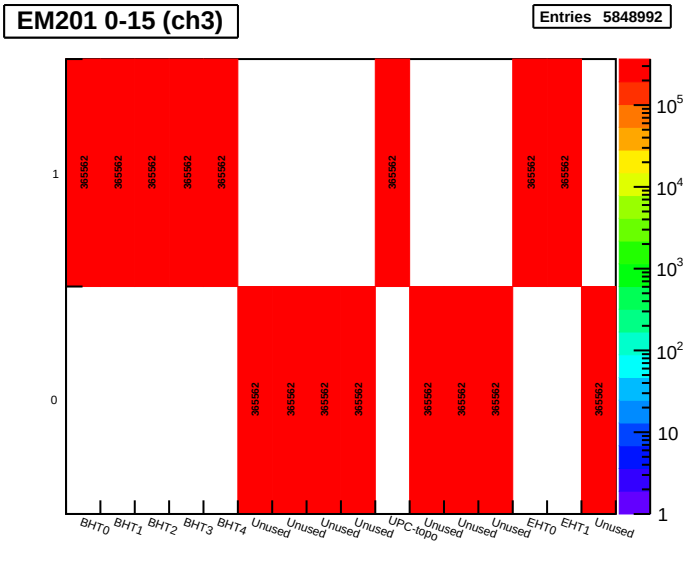

ST201 0-15 (ch6)
Entries 5848992
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365561
365544
1
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

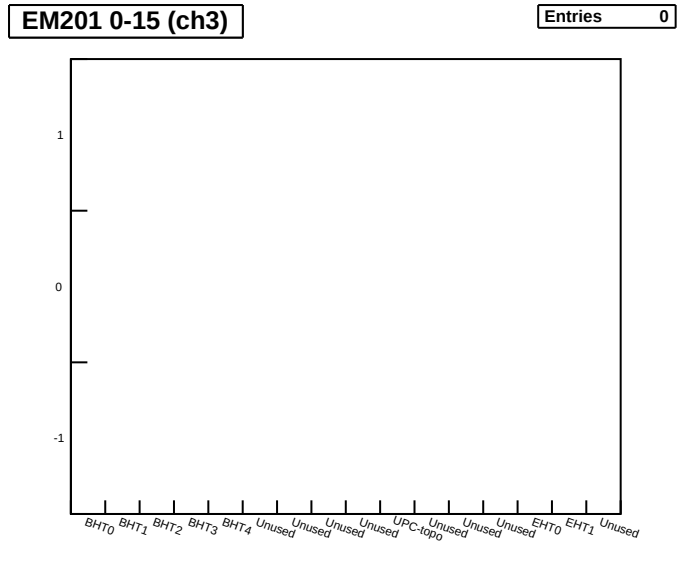

TF201 0-15 (ch0)
Entries 5848992
1
0
365562
361245
331117
317898
240337
305414
306418
302410
365562
365562
365562
365562
365562
365562
4317
34445
47664
125225
365562
60148
59144
63152
365562
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused


VT201 0-15 (ch1)
Entries 5848992
1
0
142731
273094
308639
284677
360269
359673
764
9990
9946
150
332356
354114
195571
243524
282079
222831
92468
56923
80885
5293
5889
364798
355572
355616
366412
365562
33226
11448
169991
122038
83483
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
10^5
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 5848992
1
0
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
365562
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
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