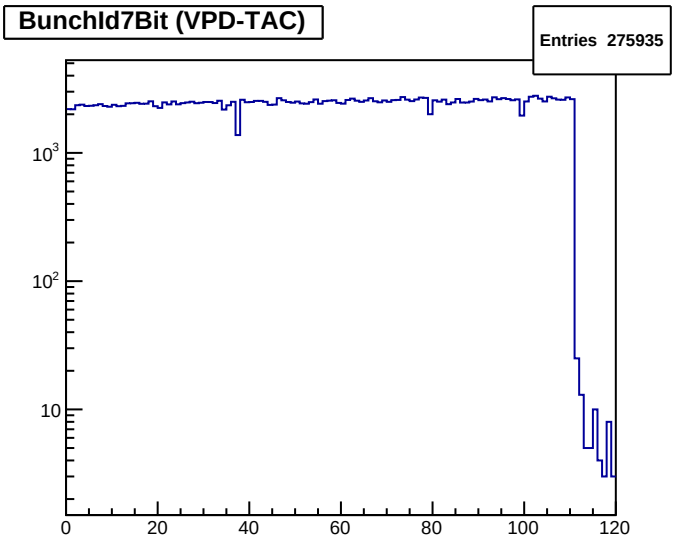
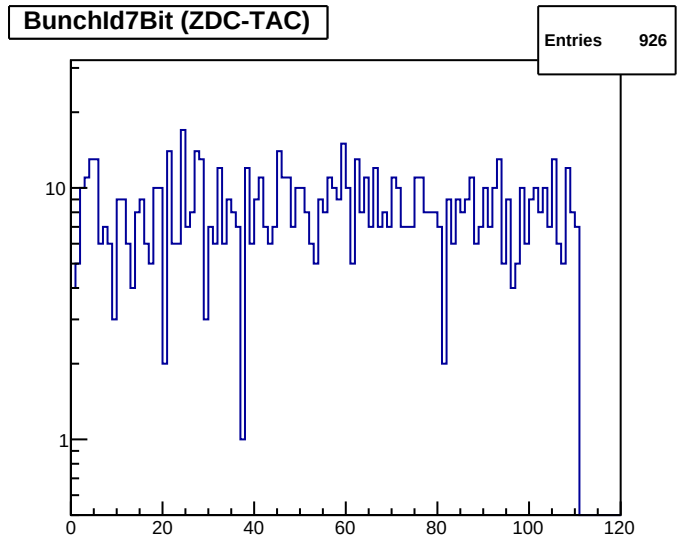
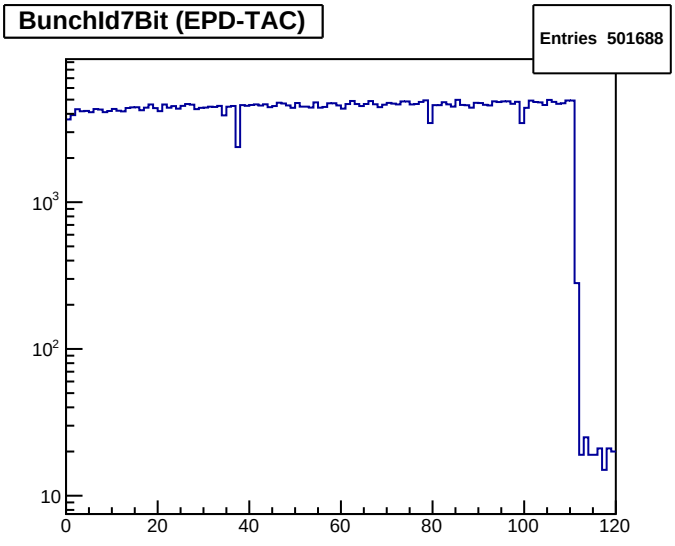
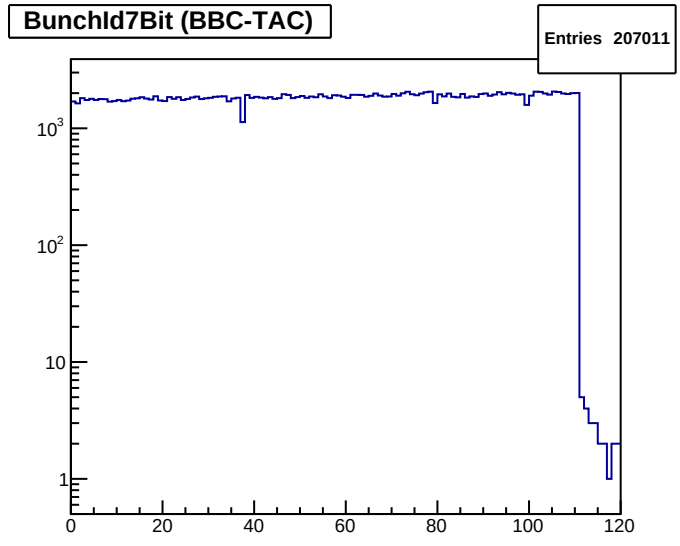
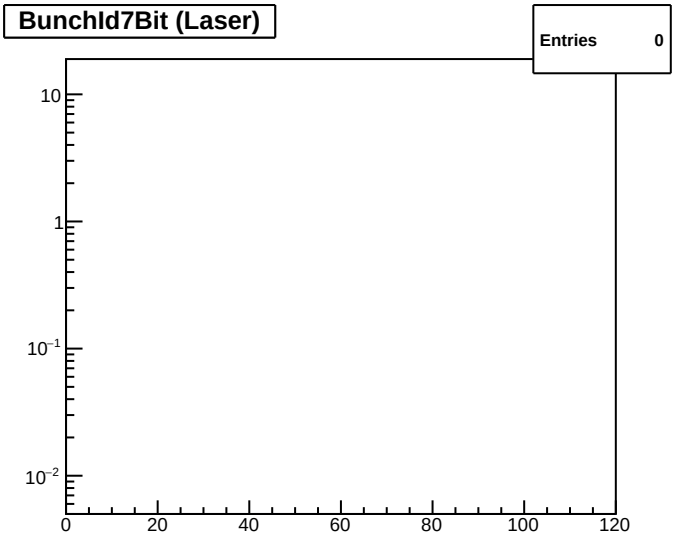
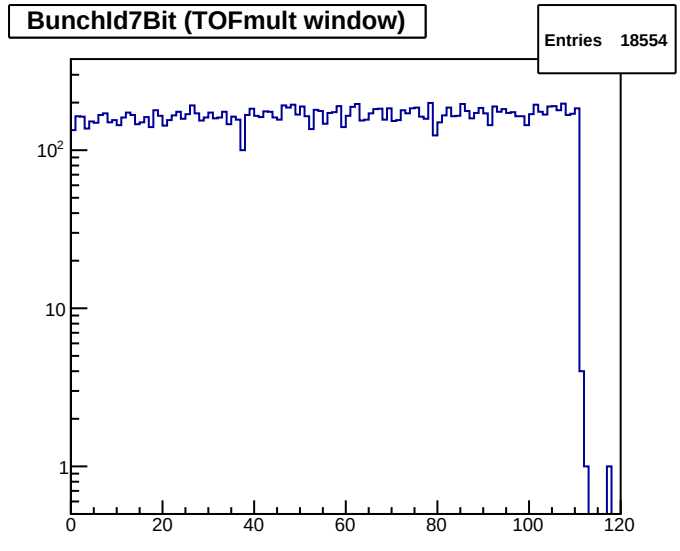

BunchId7Bit (VPD-TAC)
Entries 275935

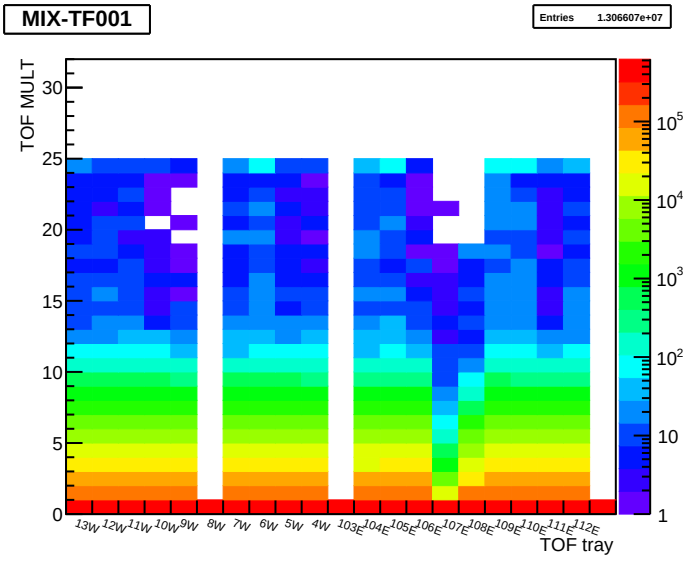

BunchId7Bit (ZDC-TAC)
Entries 926

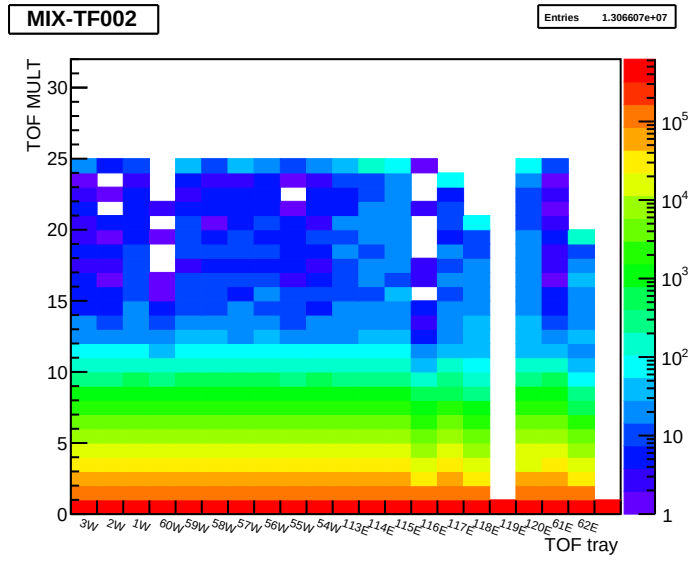

BunchId7Bit (EPD-TAC)
Entries 501688

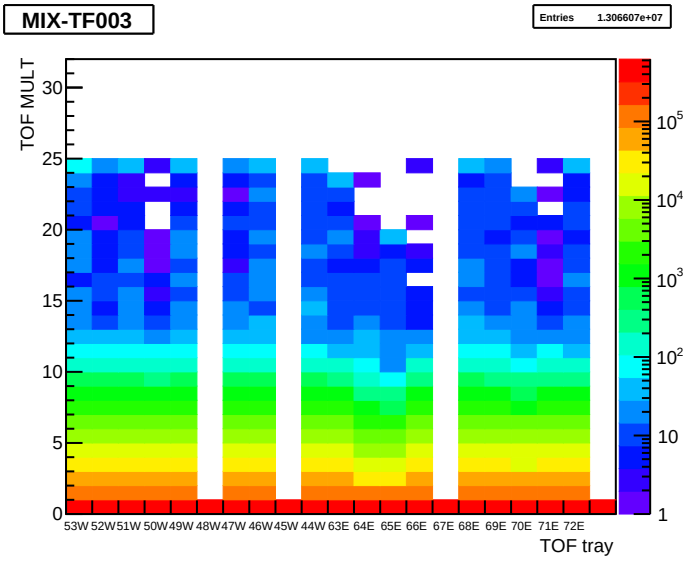

BunchId7Bit (BBC-TAC)
Entries 207011

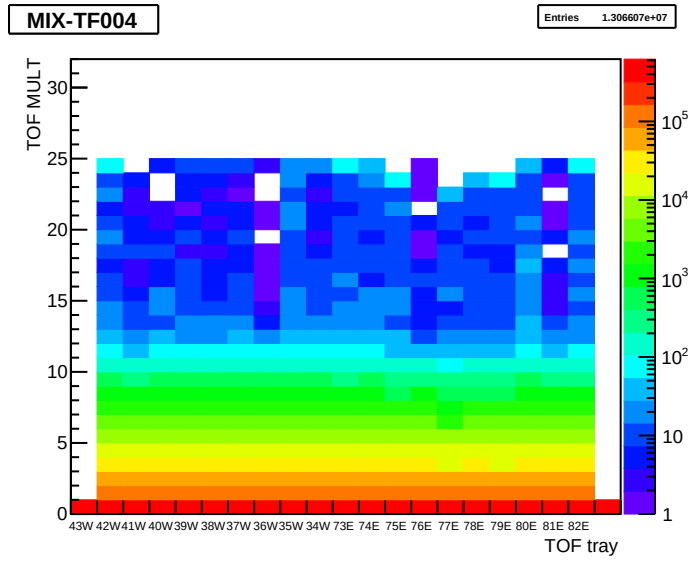

BunchId7Bit (Laser)
Entries 0

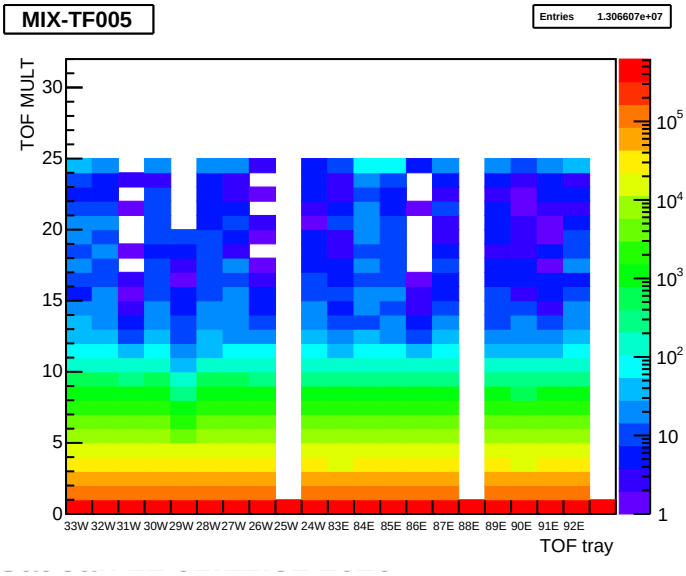

BunchId7Bit (TOFmult window)
Entries 18554

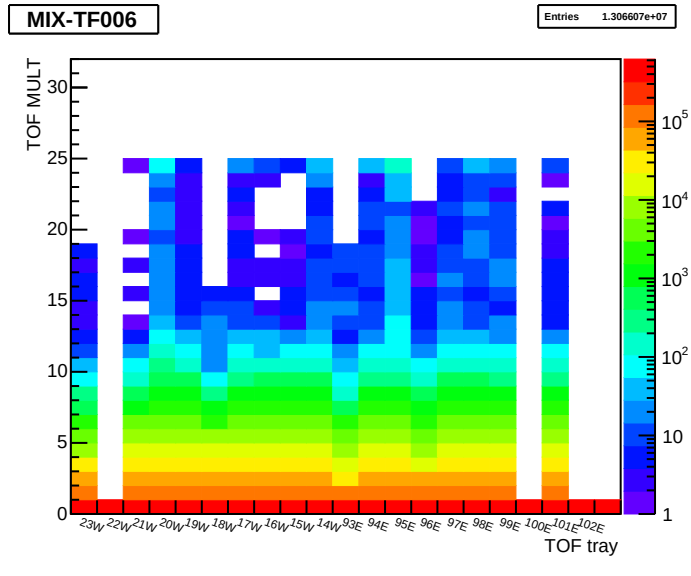

MIX-TF001
Entries 1.306607e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

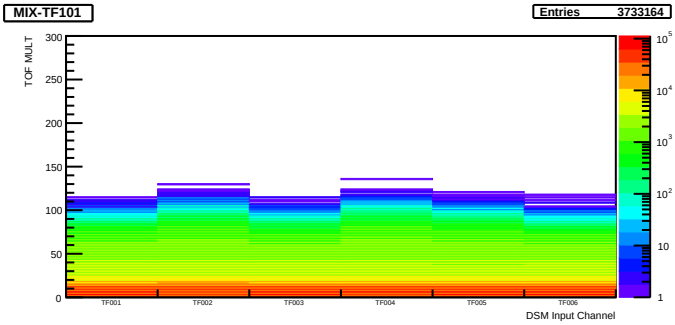

MIX-TF002
Entries 1.306607e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

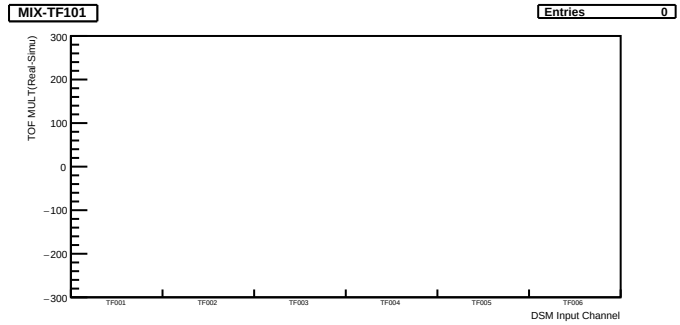

MIX-TF003
Entries 1.306607e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

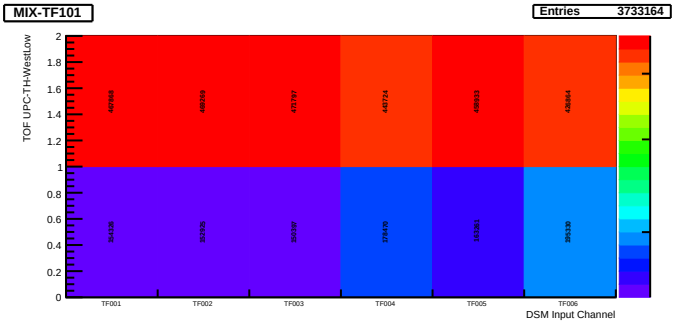

MIX-TF004
Entries 1.306607e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

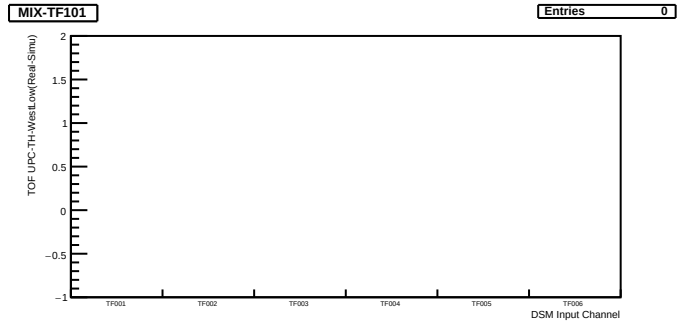

MIX-TF005
Entries 1.306607e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

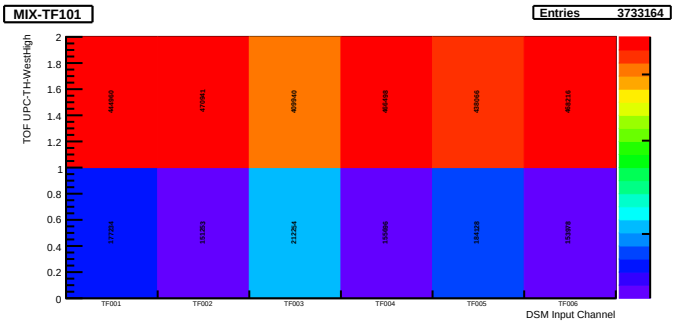

MIX-TF006
Entries 1.306607e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

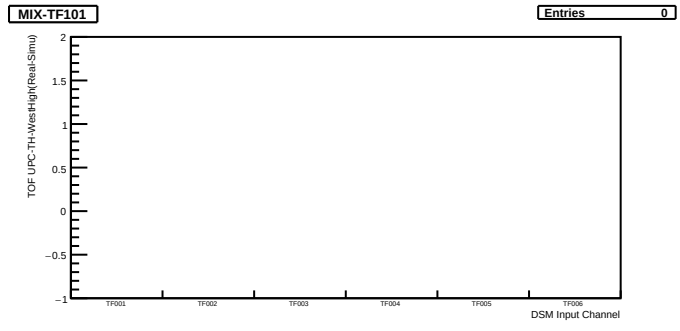

MIX-TF101
Entries 3733164
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

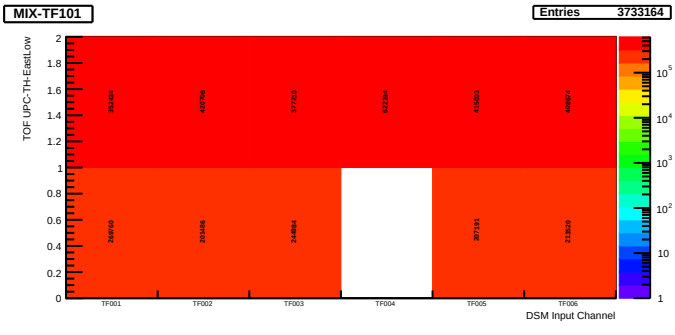

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

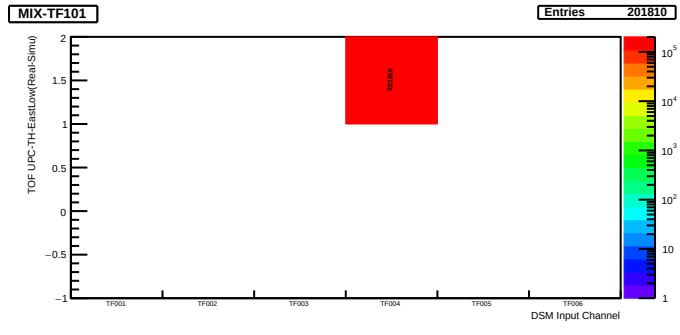

MIX-TF101
Entries 3733164
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

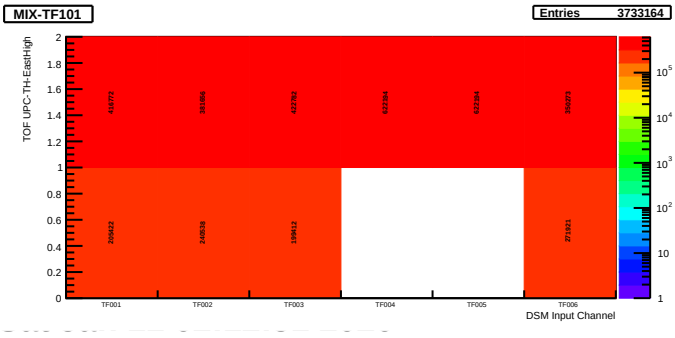

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

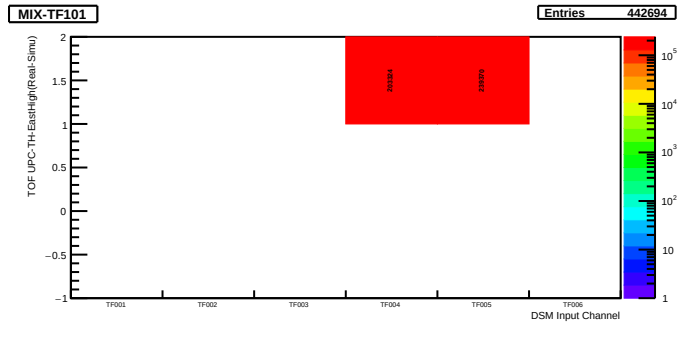

MIX-TF101
Entries 3733164
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

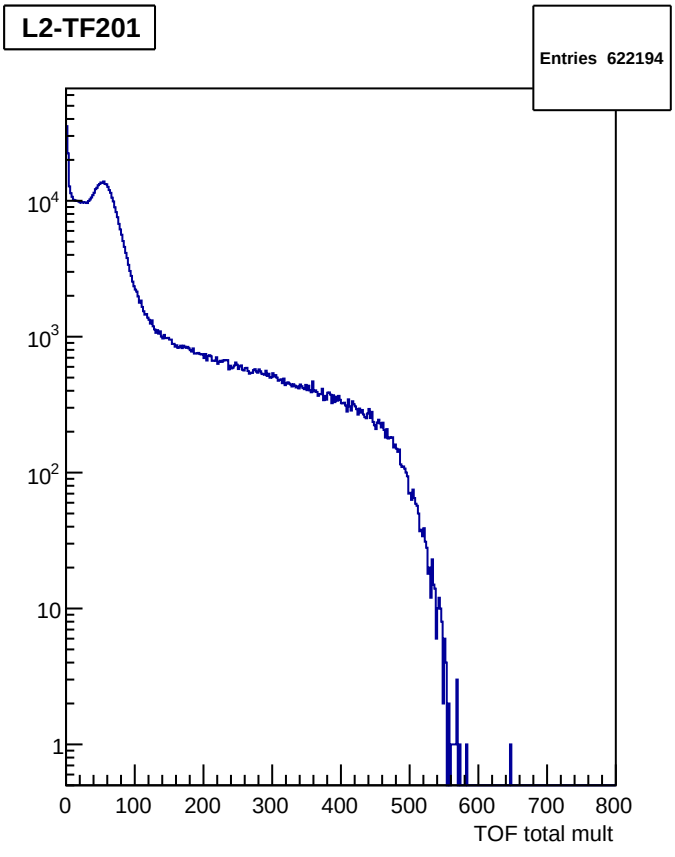

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

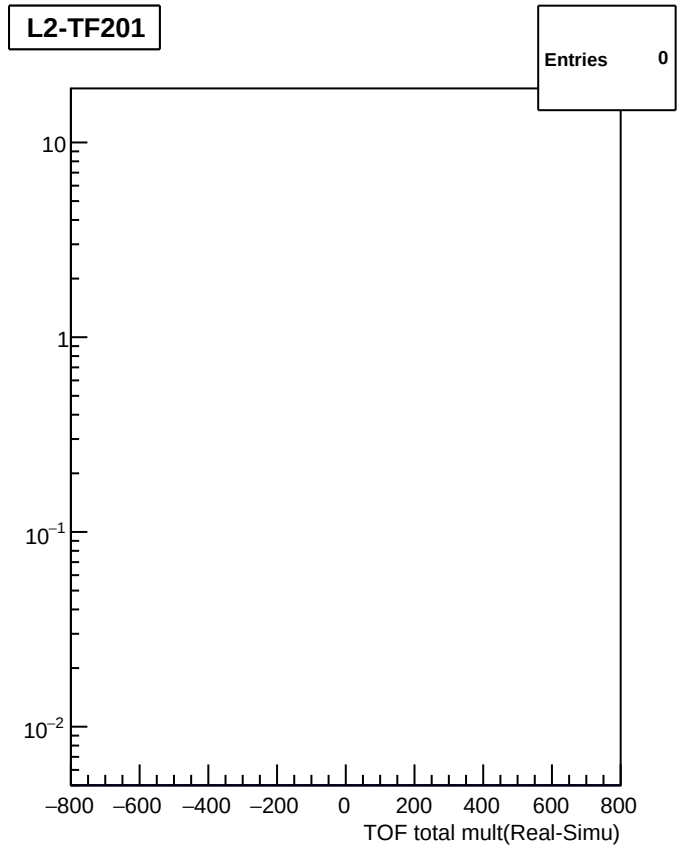

MIX-TF101
Entries 3733164
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

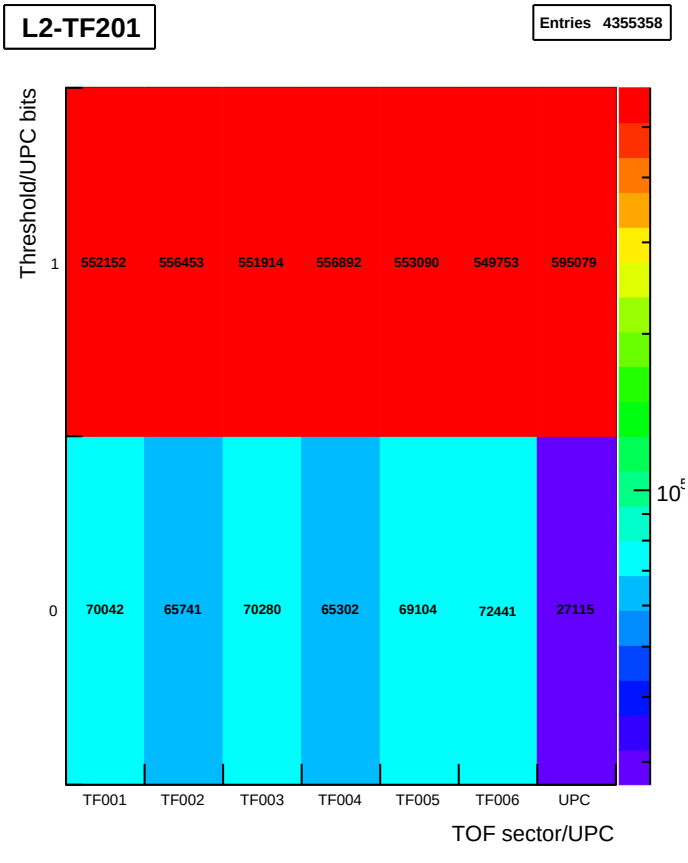

MIX-TF101
Entries 201810
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

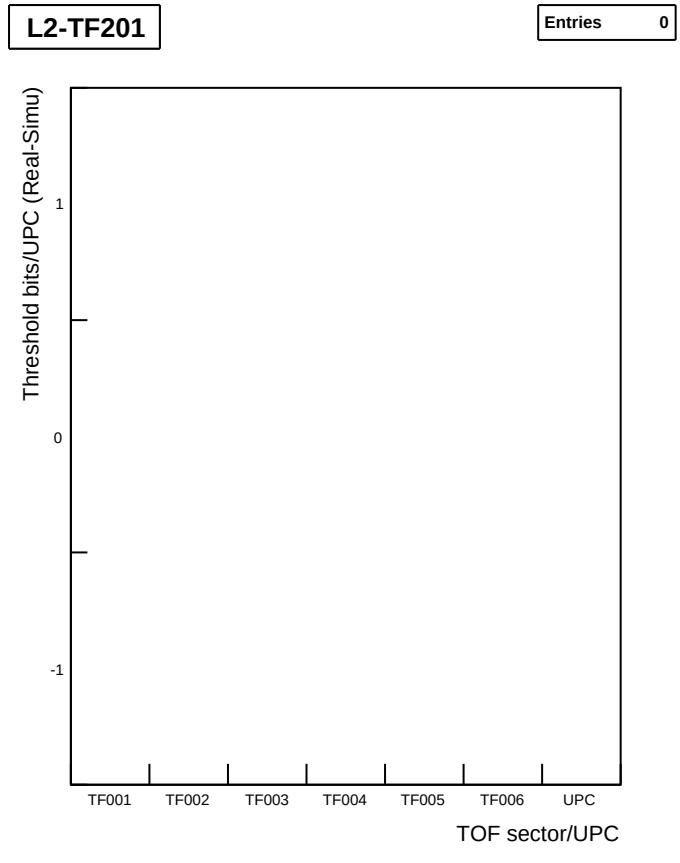

MIX-TF101
Entries 3733164
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

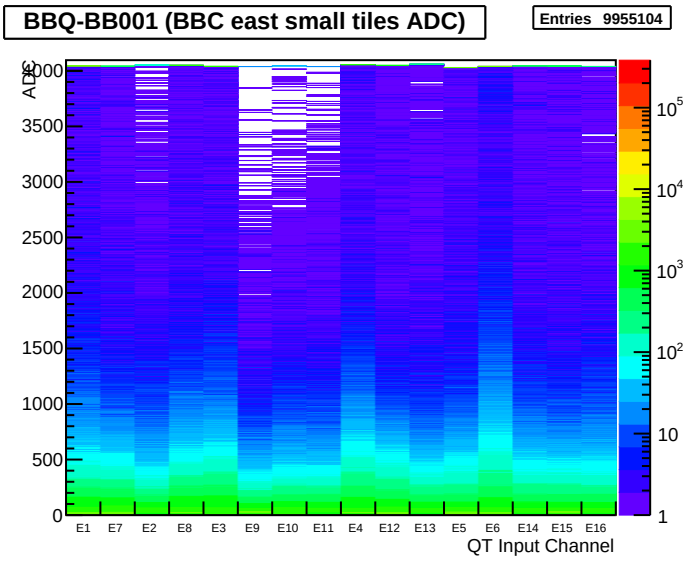

MIX-TF101
Entries 442694
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

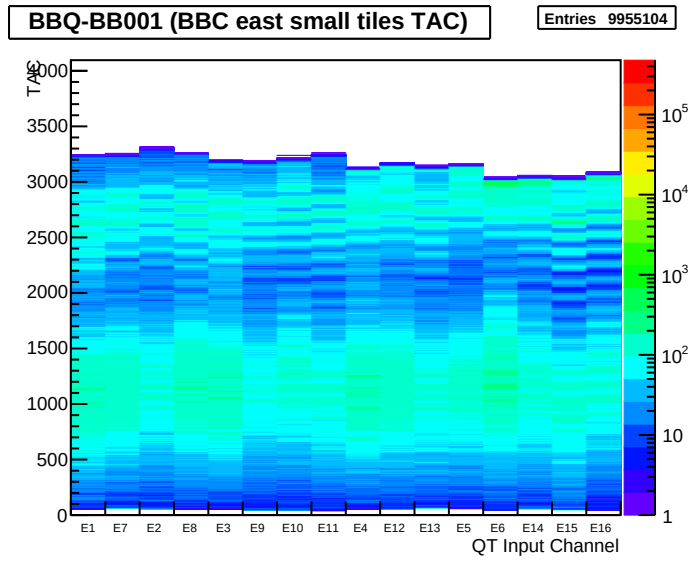

L2-TF201
Entries 622194
TOF total mult

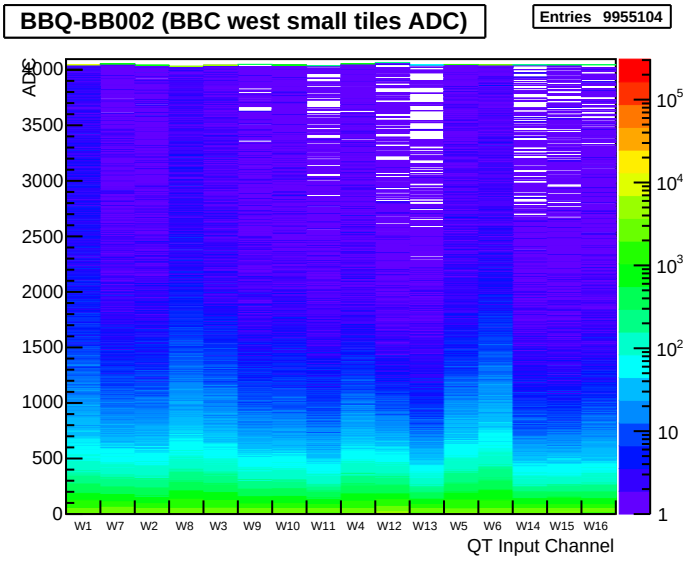

L2-TF201
Entries 0
TOF total mult(Real-Simu)

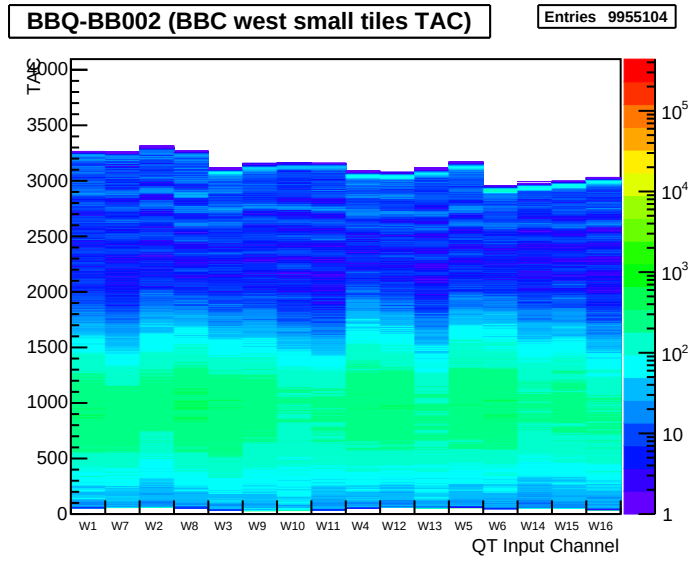

L2-TF201
Entries 4355358
Threshold/UPC bits
552152
556453
551914
556892
553090
549753
595079
70042
65741
70280
65302
69104
72441
27115
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

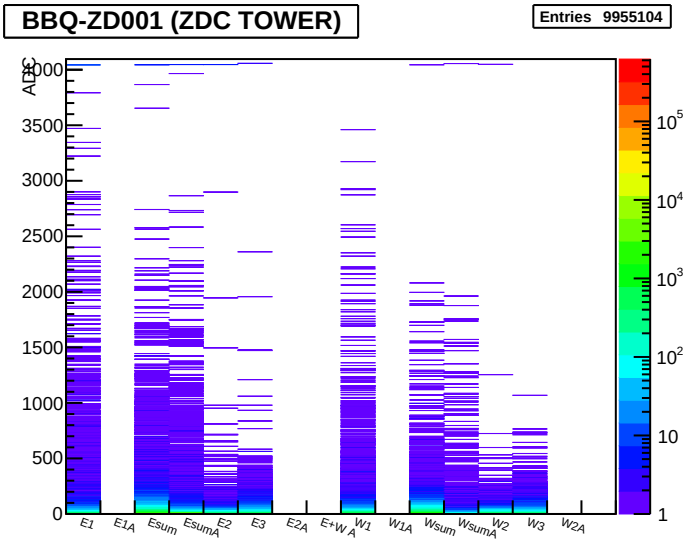

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

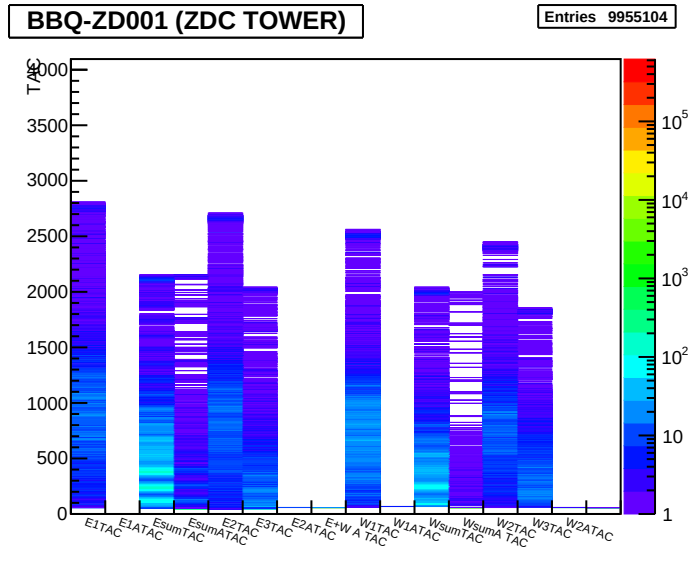

BBQ-BB001 (BBC east small tiles ADC)
Entries 9955104
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

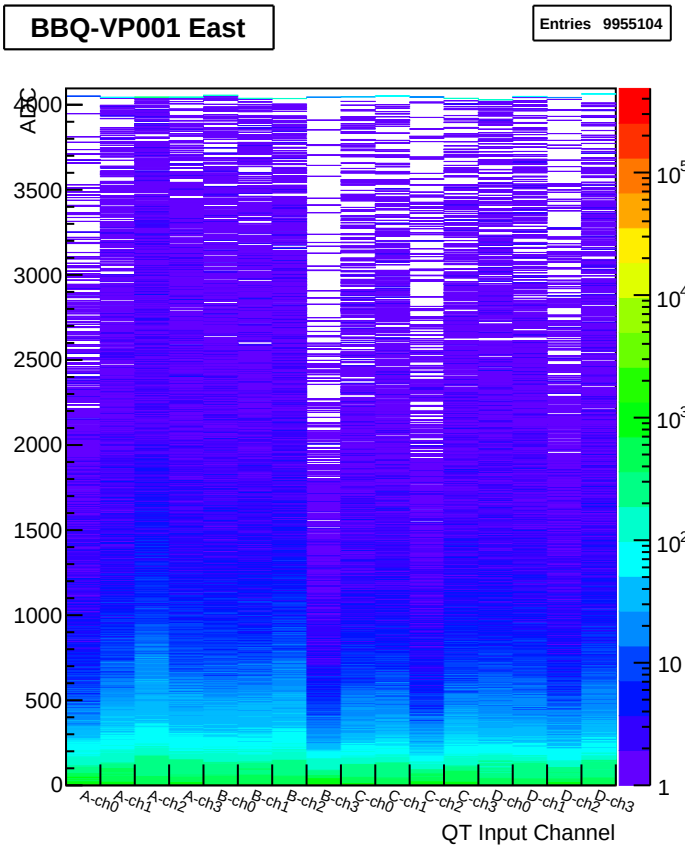

BBQ-BB001 (BBC east small tiles TAC)
Entries 9955104
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

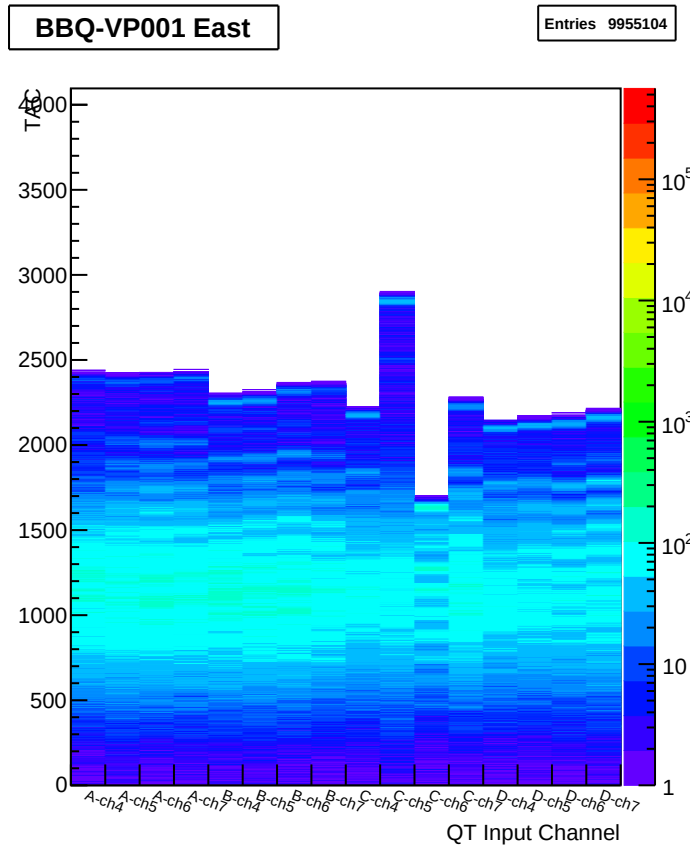

BBQ-BB002 (BBC west small tiles ADC)
Entries 9955104
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

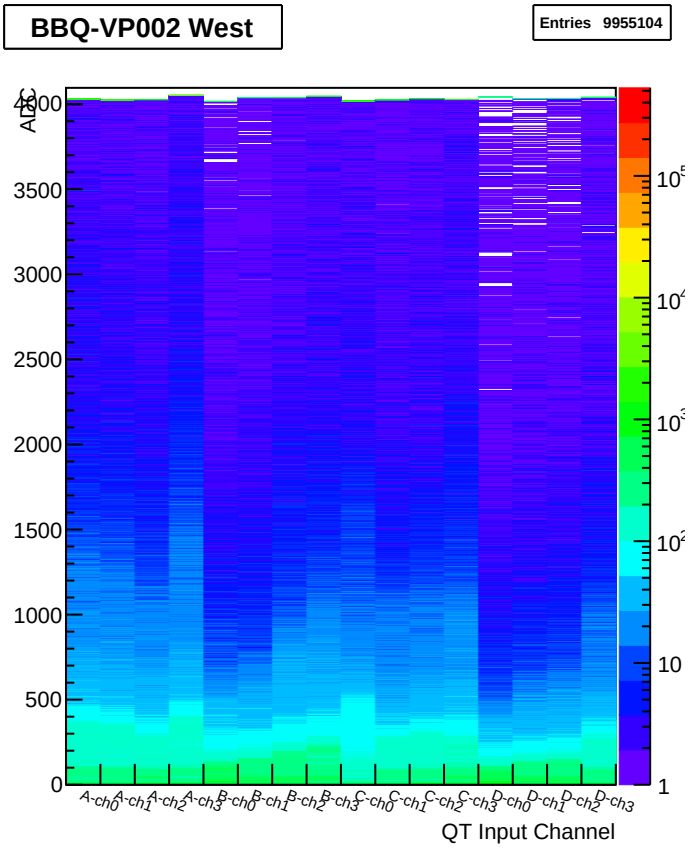

BBQ-BB002 (BBC west small tiles TAC)
Entries 9955104
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

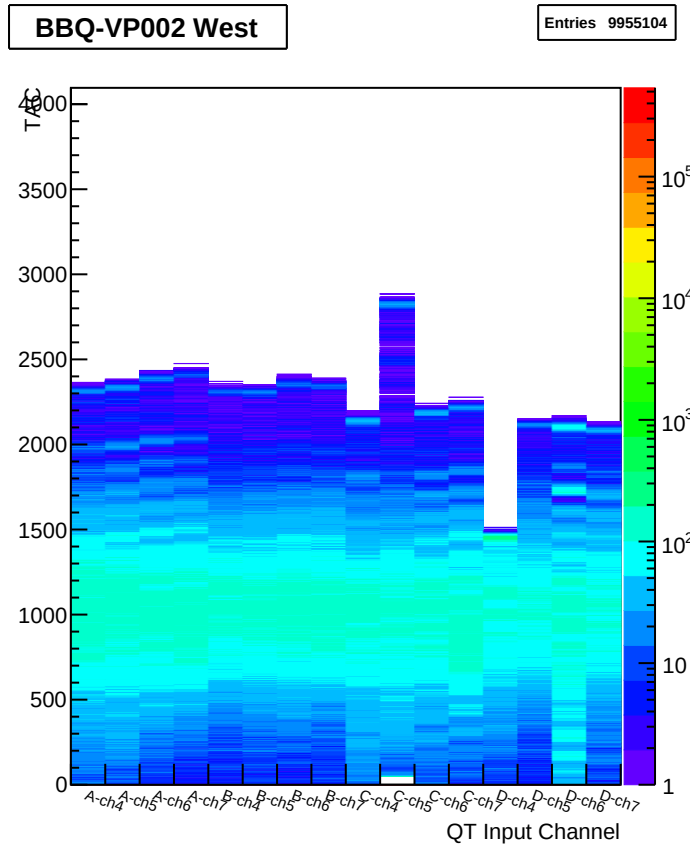

BBQ-ZD001 (ZDC TOWER)
Entries 9955104
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

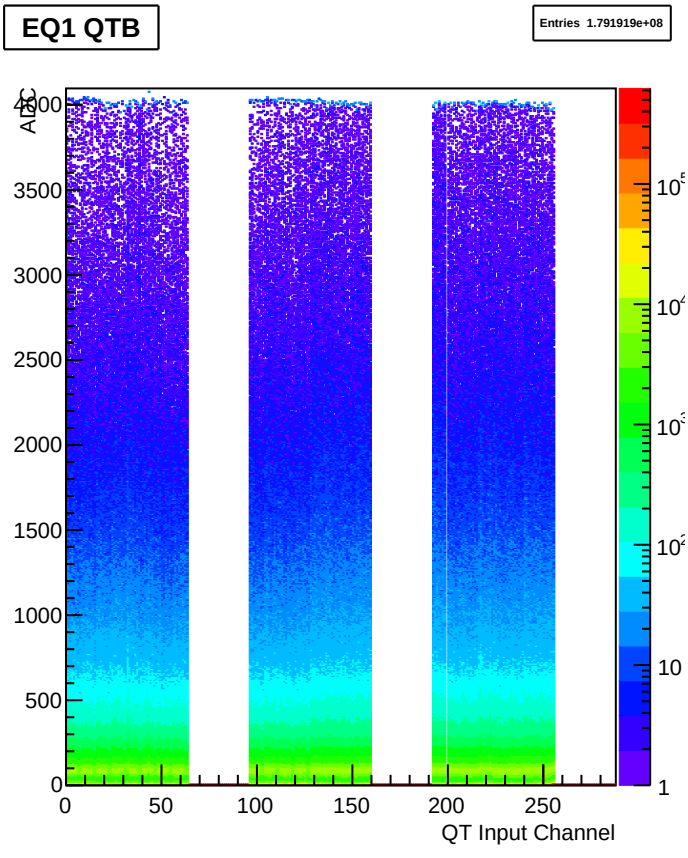

BBQ-ZD001 (ZDC TOWER)
Entries 9955104
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

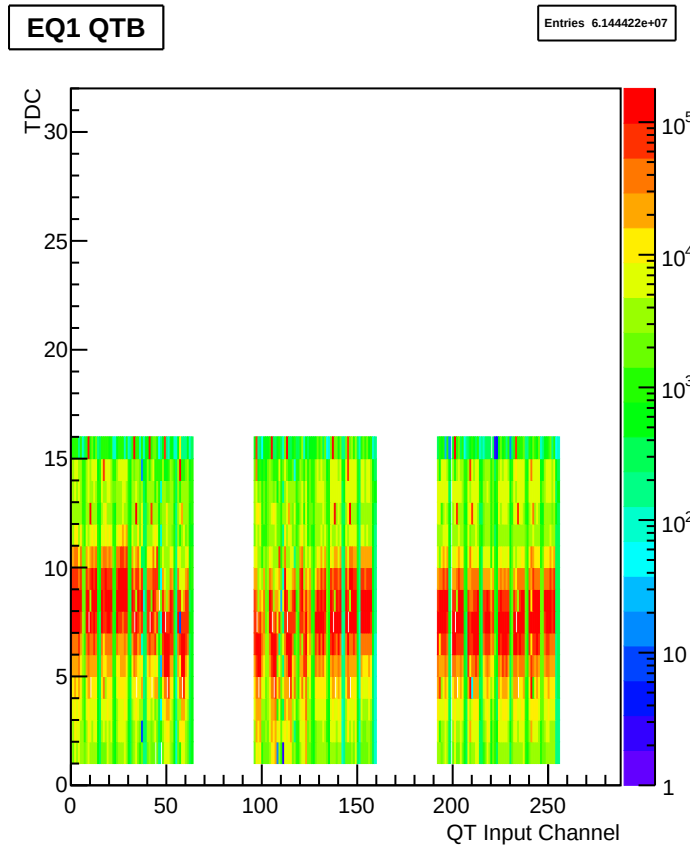

BBQ-VP001 East
Entries 9955104
ADC
QT Input Channel

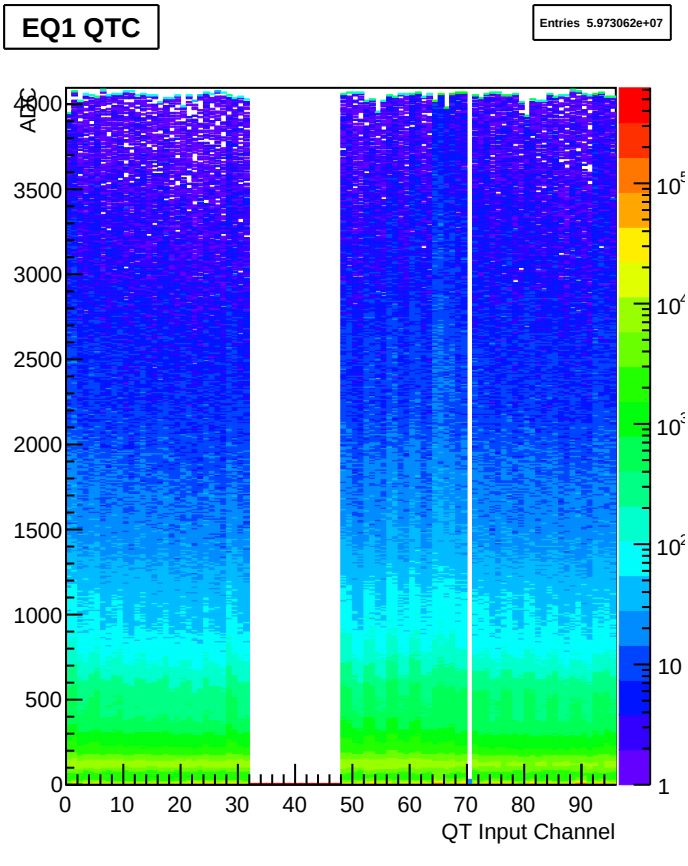

BBQ-VP001 East
Entries 9955104
ADC
QT Input Channel

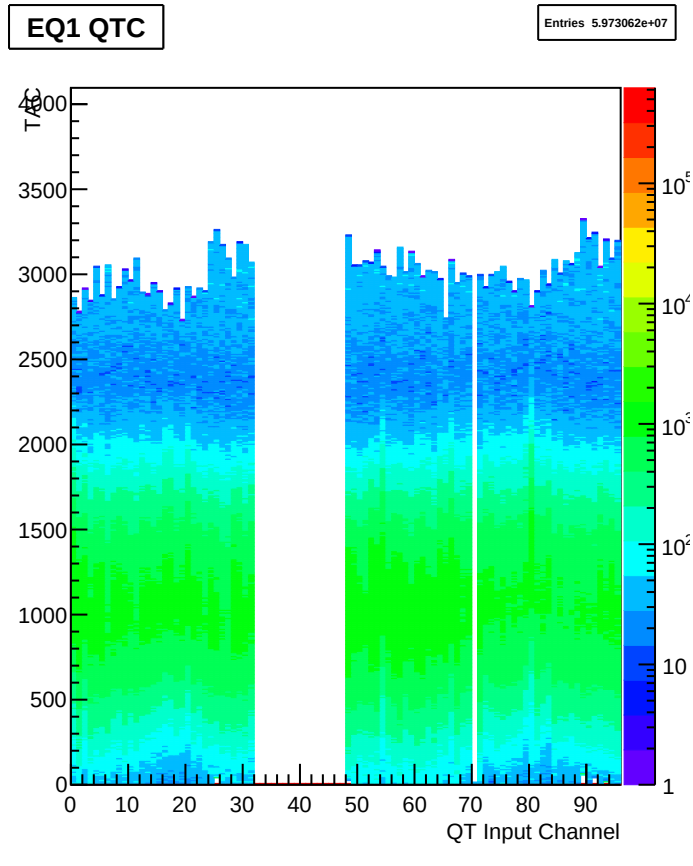

BBQ-VP002 West
Entries 9955104
ADC
QT Input Channel

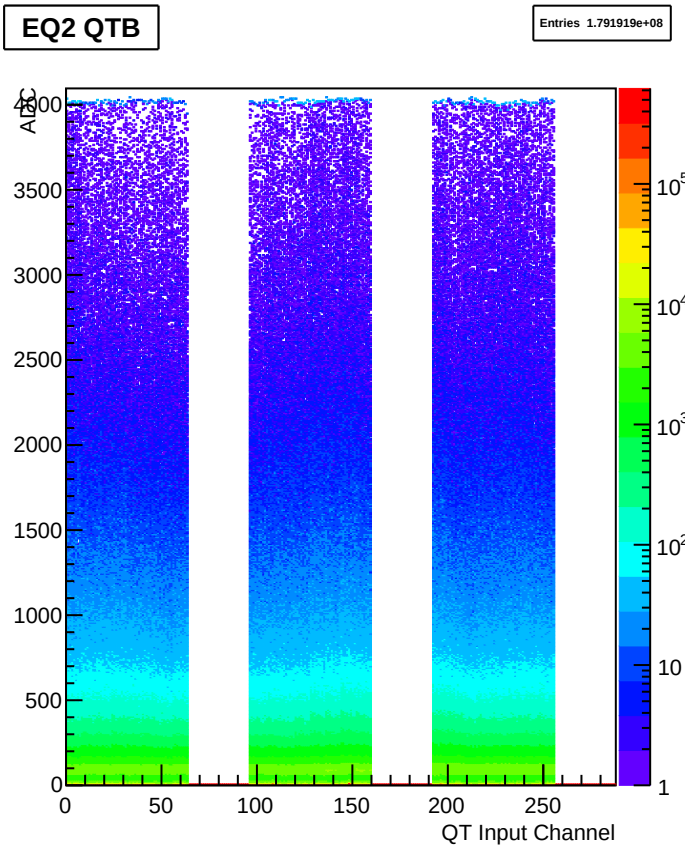

BBQ-VP002 West
Entries 9955104
ADC
QT Input Channel

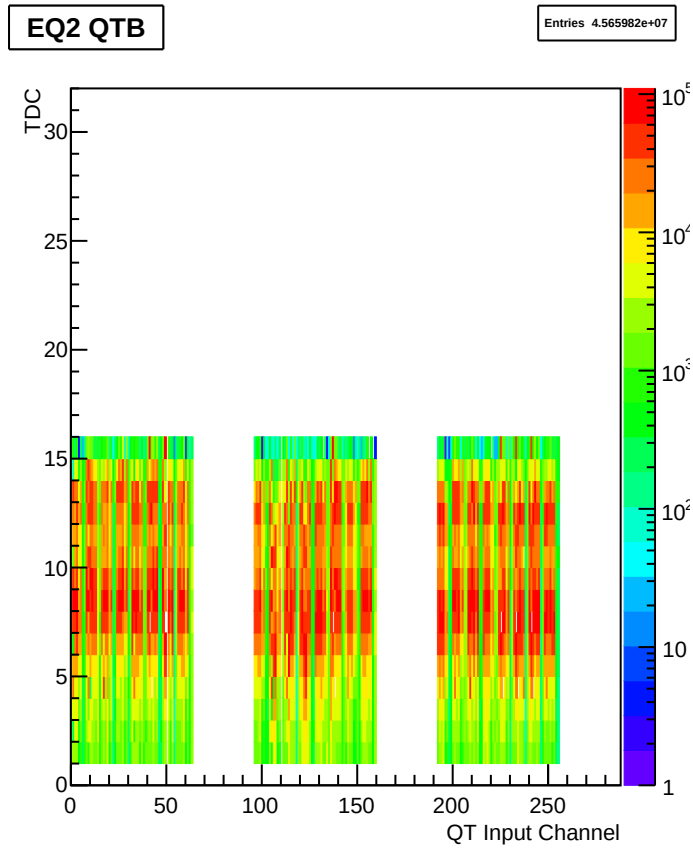

EQ1 QTB
Entries 1.791919e+08
ADC
QT Input Channel

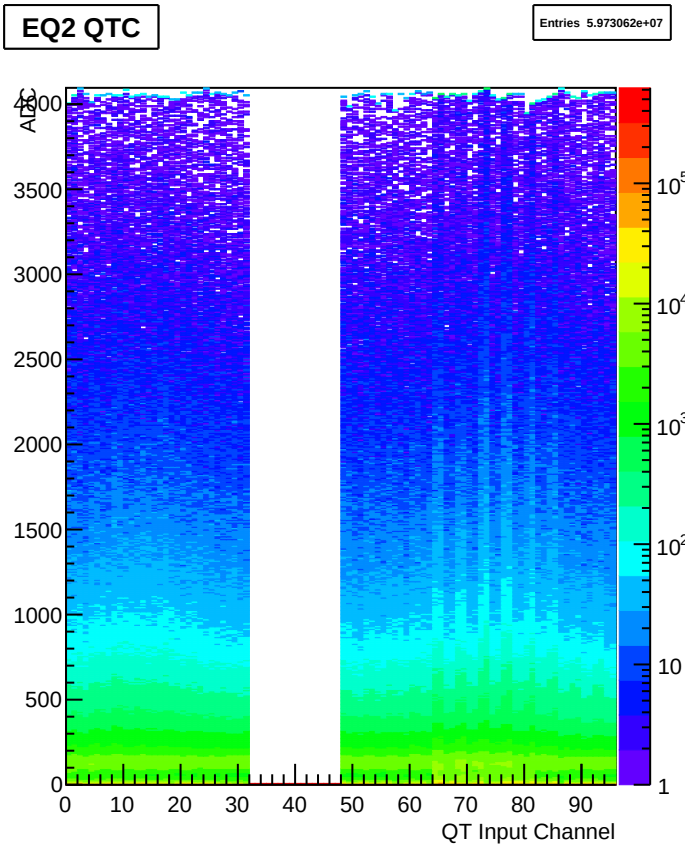

EQ1 QTB
Entries 6.144422e+07
TDC
QT Input Channel

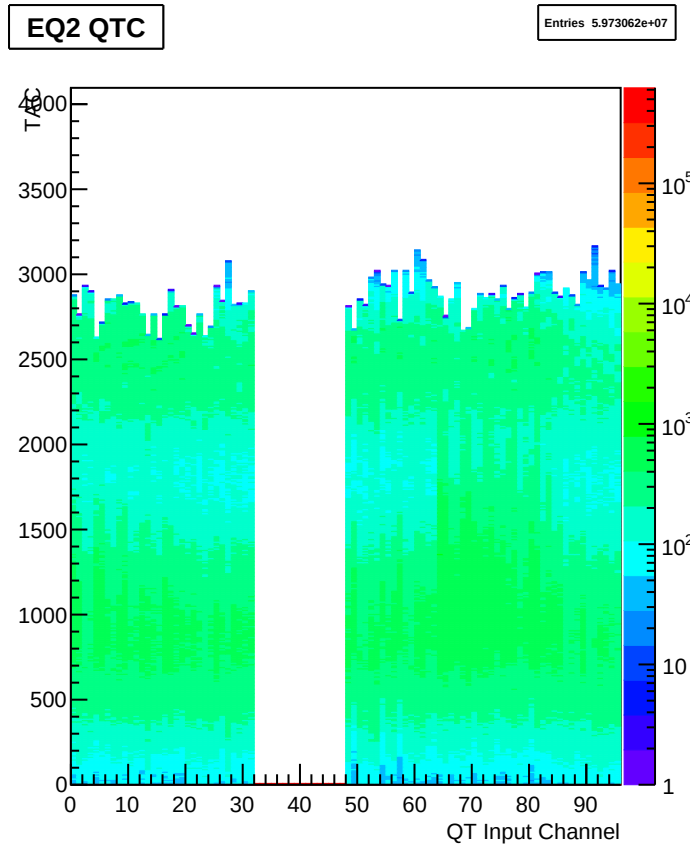

EQ1 QTC
Entries 5.973062e+07
ADC
QT Input Channel

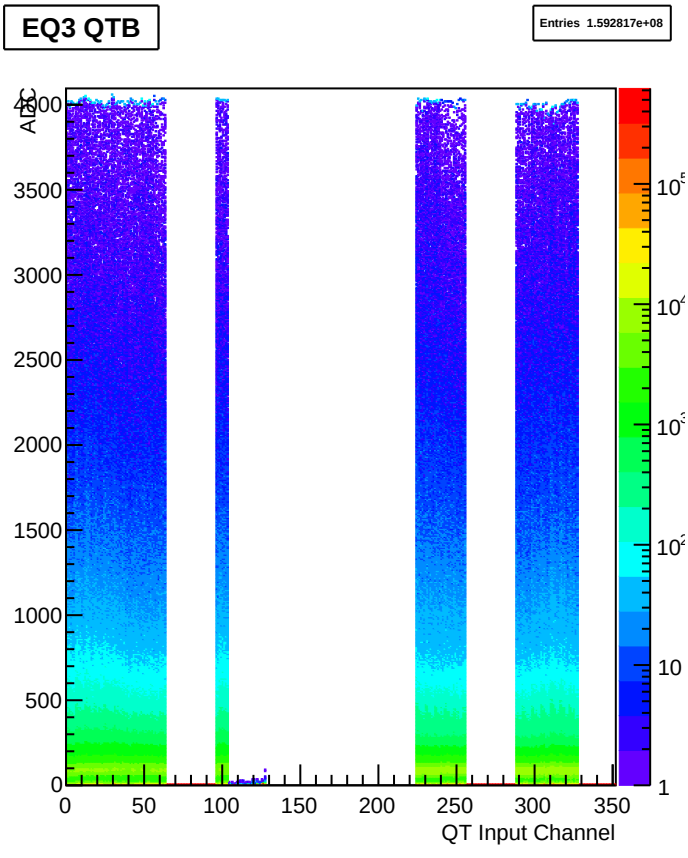

EQ1 QTC
Entries 5.973062e+07
TADC
QT Input Channel

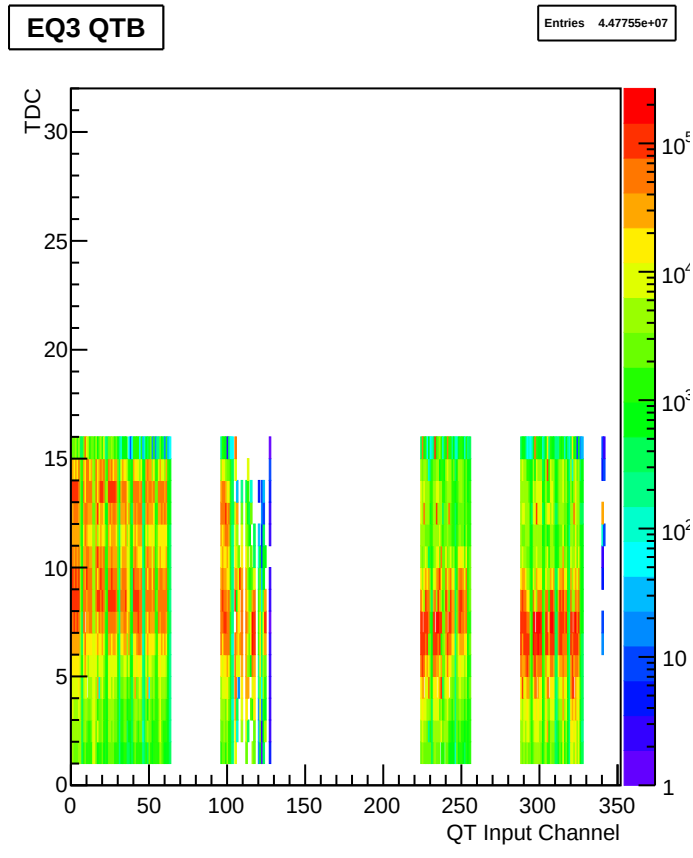

EQ2 QTB
Entries 1.791919e+08
ADC
QT Input Channel

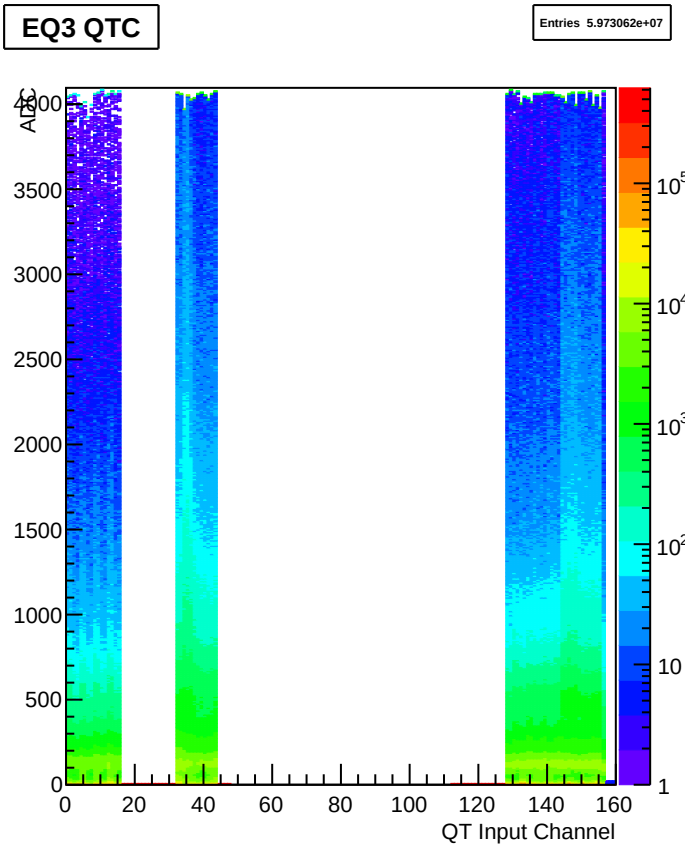

EQ2 QTB
Entries 4.565982e+07
TDC
QT Input Channel

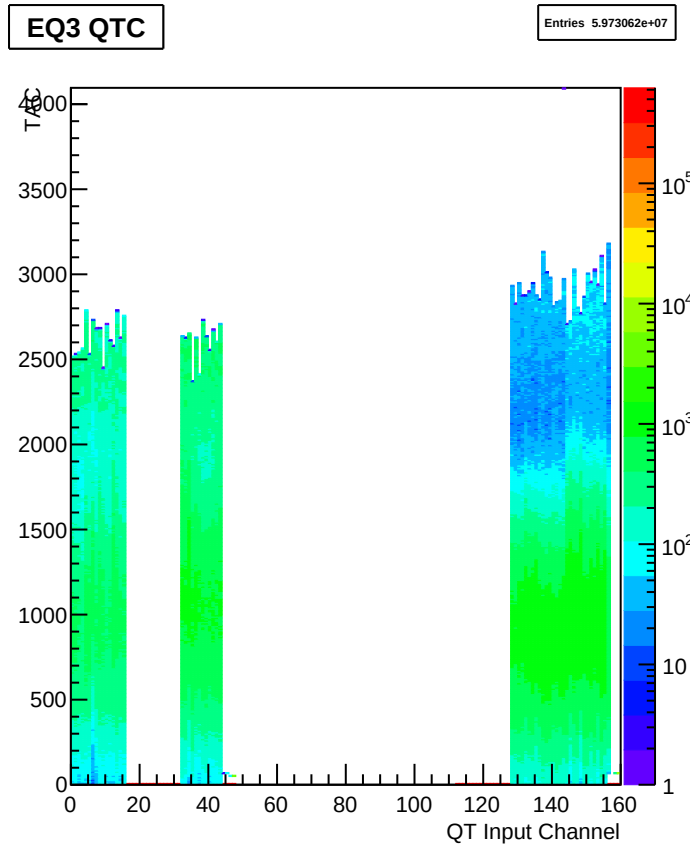

EQ2 QTC
Entries 5.973062e+07
ADC
QT Input Channel

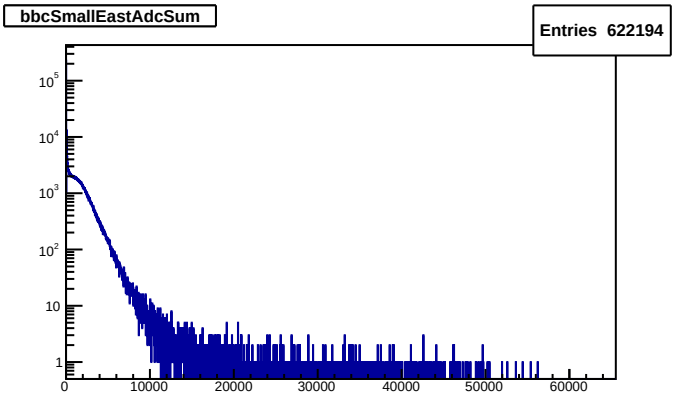

EQ2 QTC
Entries 5.973062e+07
TADC
QT Input Channel

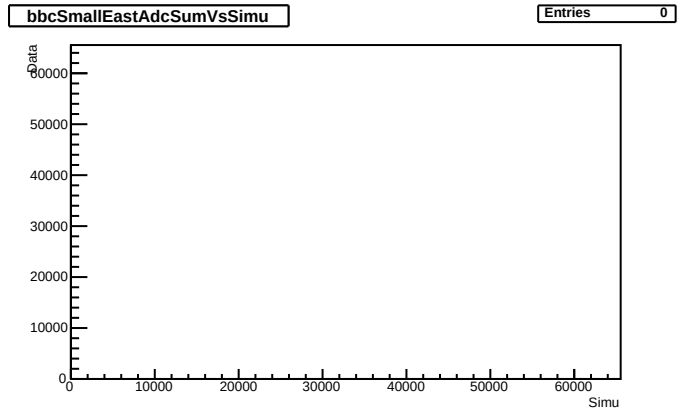

EQ3 QTB
Entries 1.592817e+08
ADC
QT Input Channel

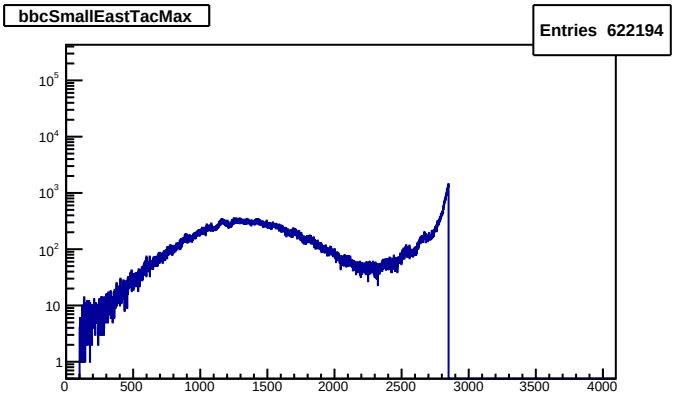

EQ3 QTB
Entries 4.47755e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.973062e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.973062e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 622194


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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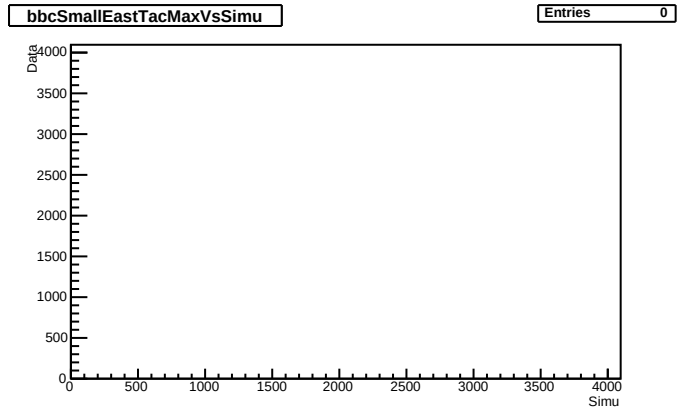
Entries 622194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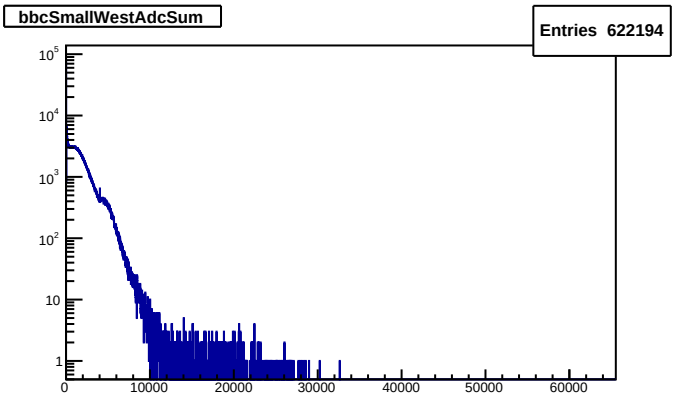
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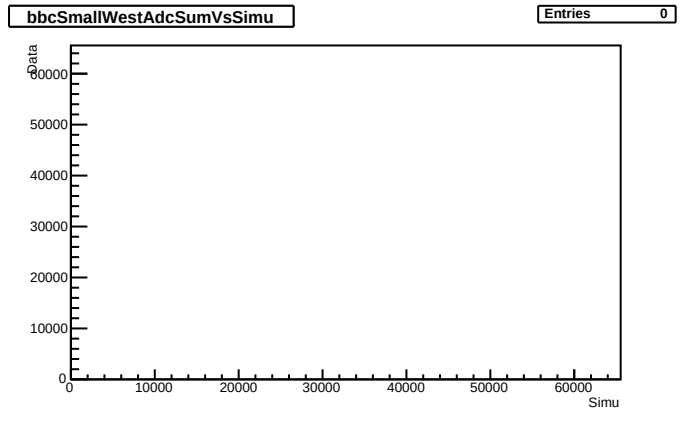
Entries 622194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Entries 0
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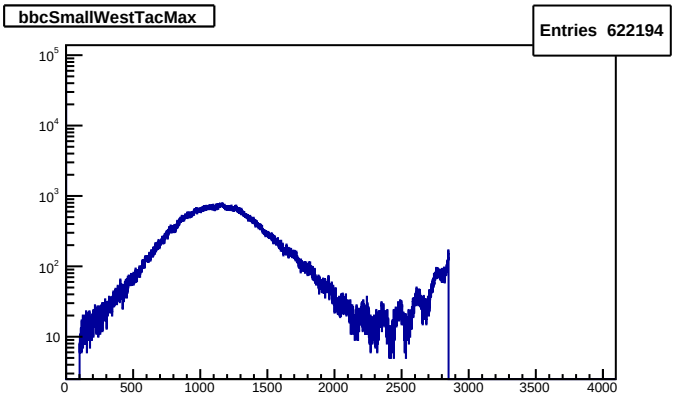
Simu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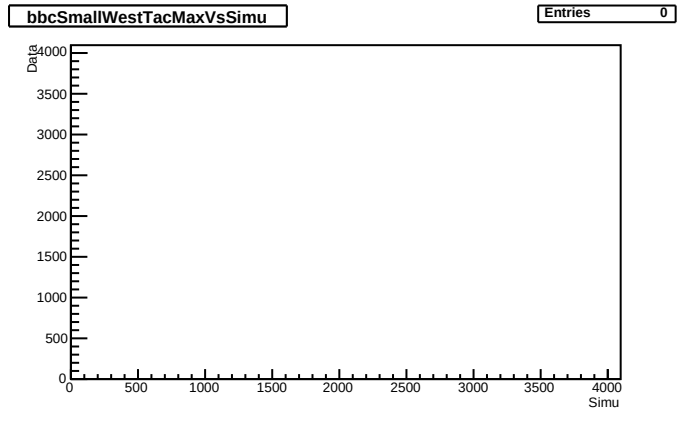
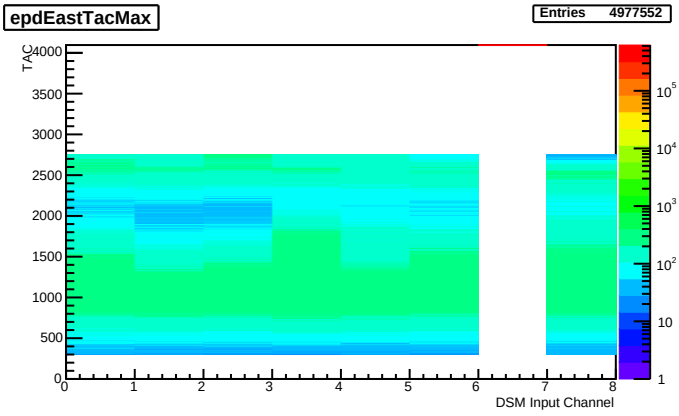

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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Entries 4977552
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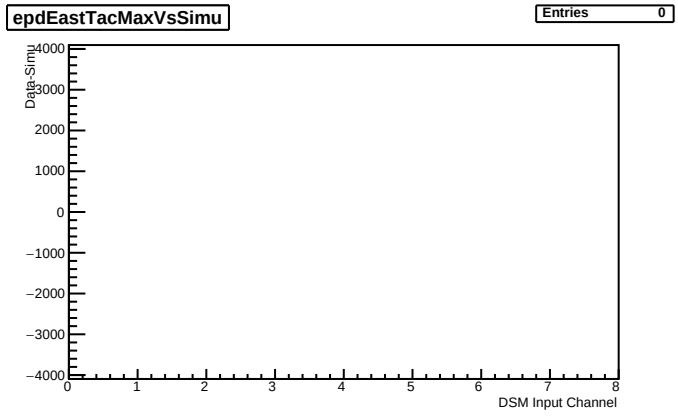
DSM Input Channel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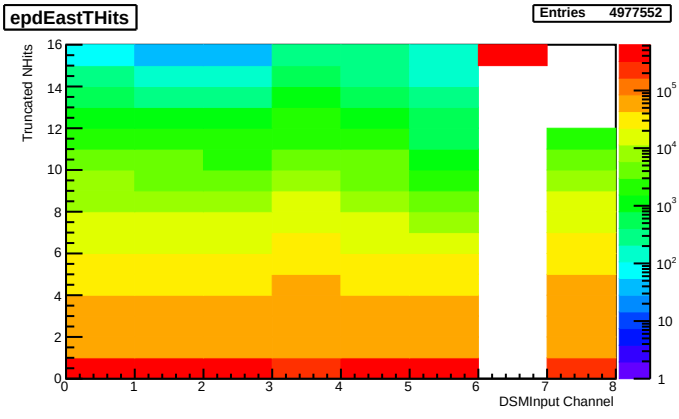
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4977552
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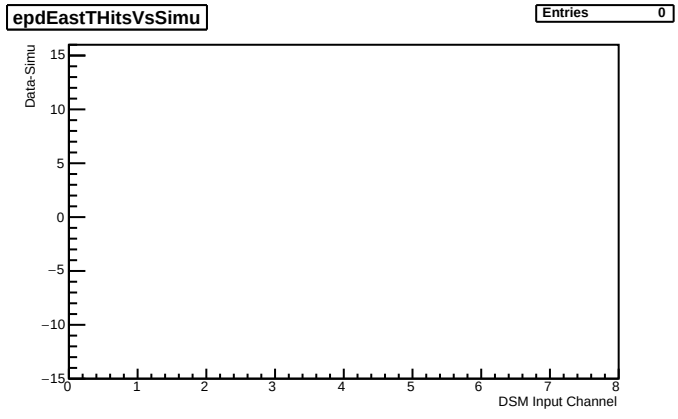
DSMInput Channel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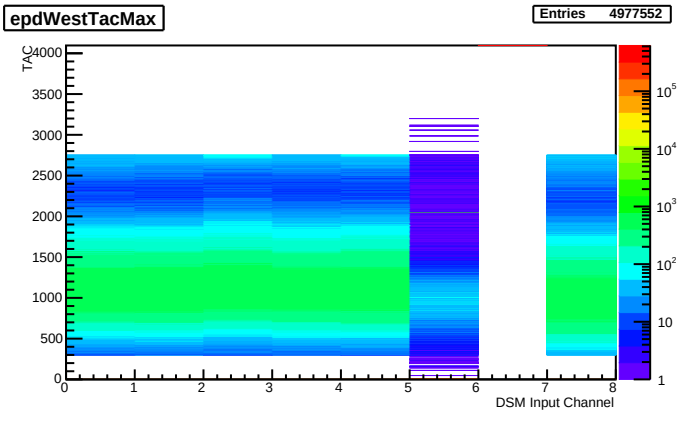
DSM Input Channel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Entries 4977552
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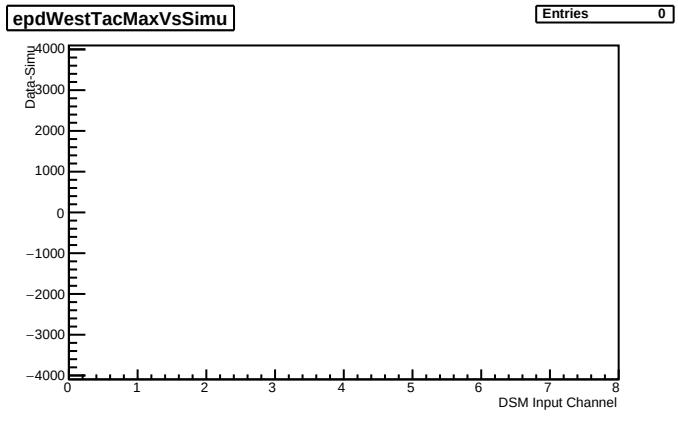
DSM Input Channel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Entries 0
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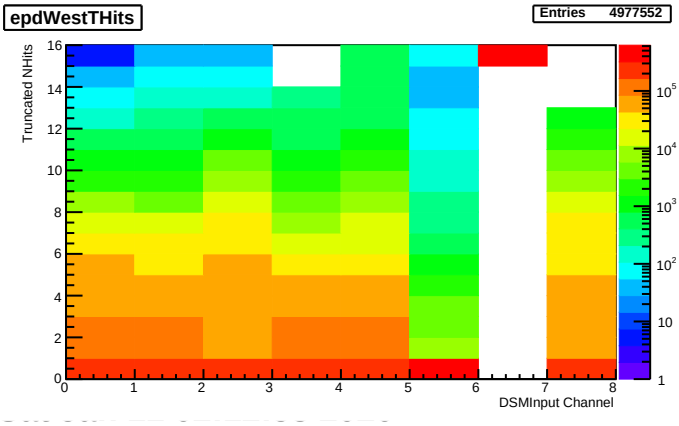
DSM Input Channel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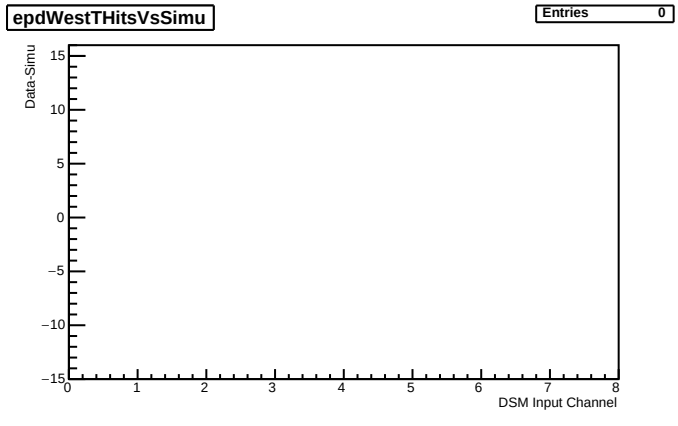
Entries 4977552
Truncated NHits
DSMInput Channel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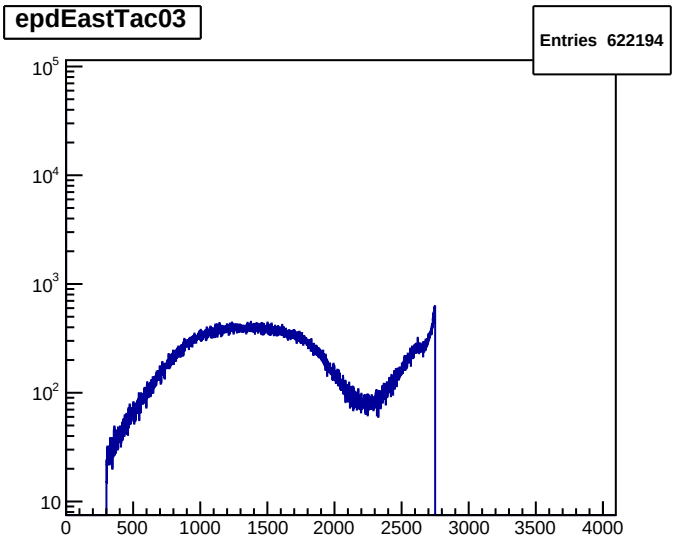
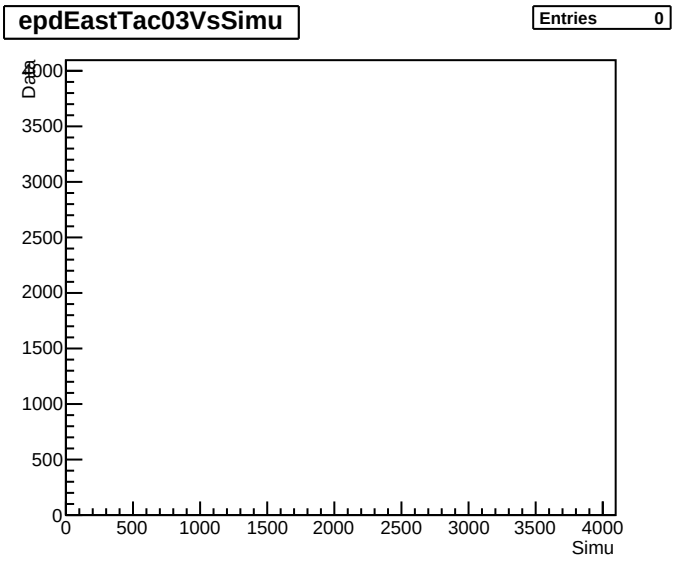
Data-Simu
DSM Input Channel


epdEastTac03
Entries 622194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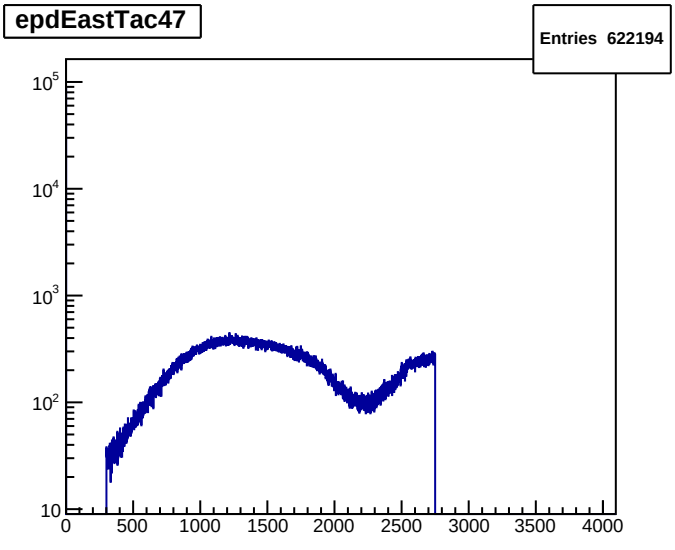
Entries 0
Data
Simu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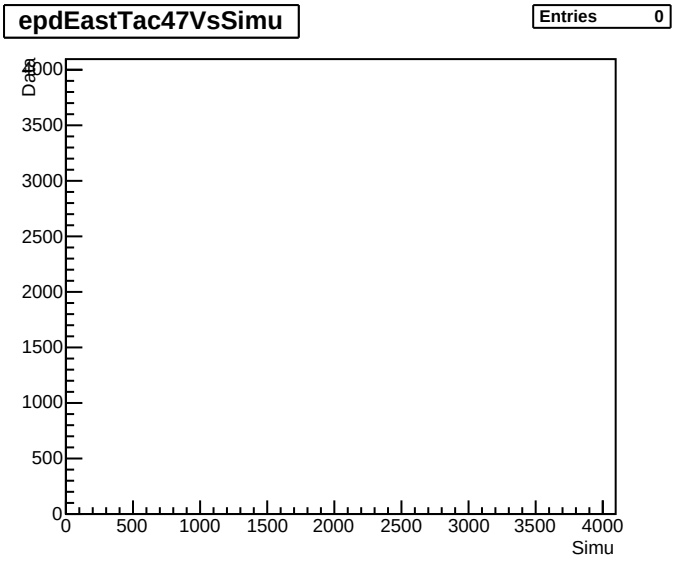
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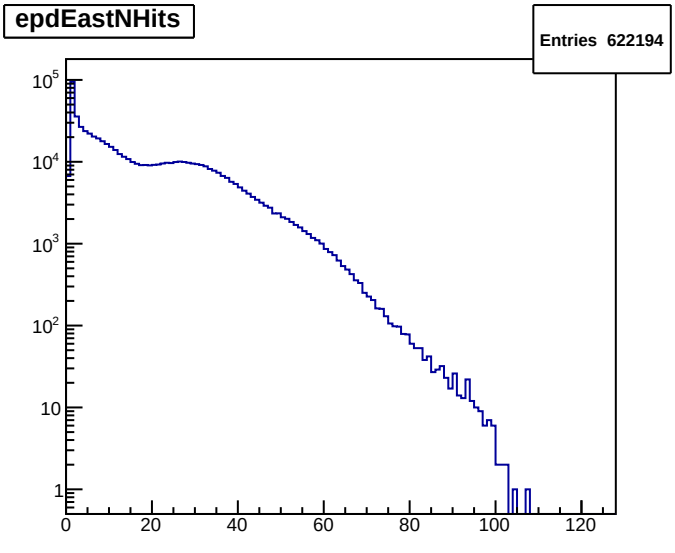
Entries 0
Data
Simu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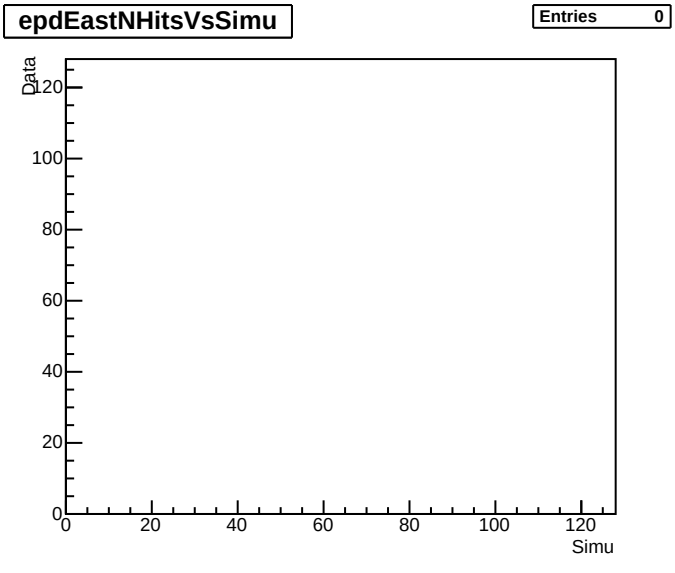
Entries 622194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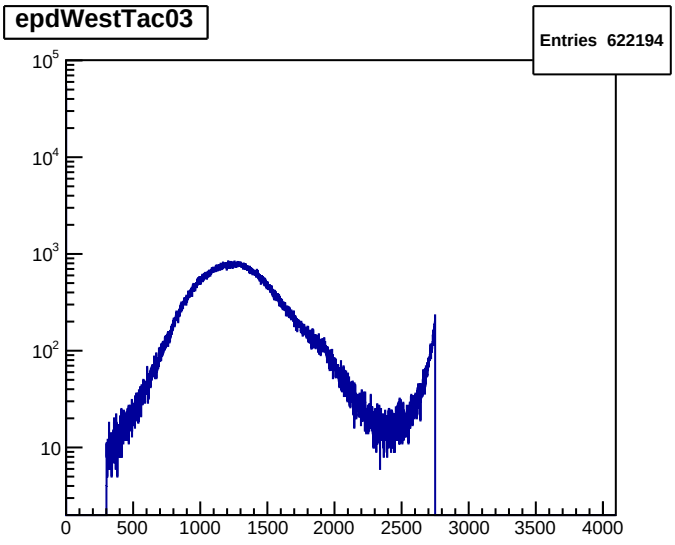
Data
Simu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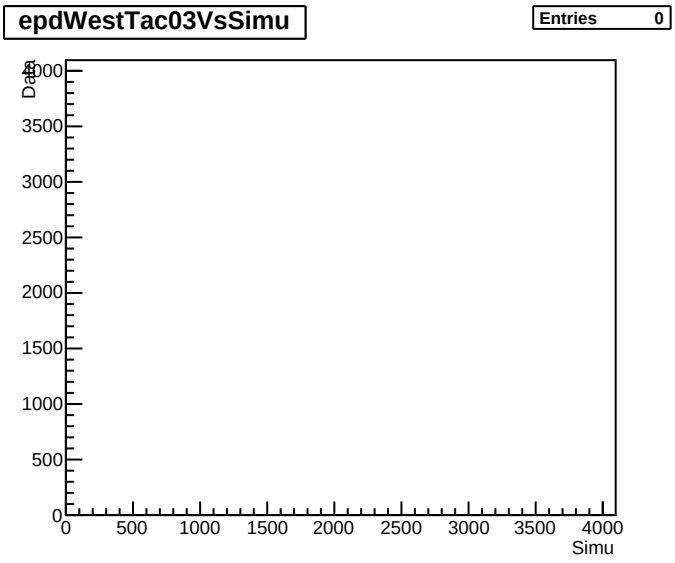
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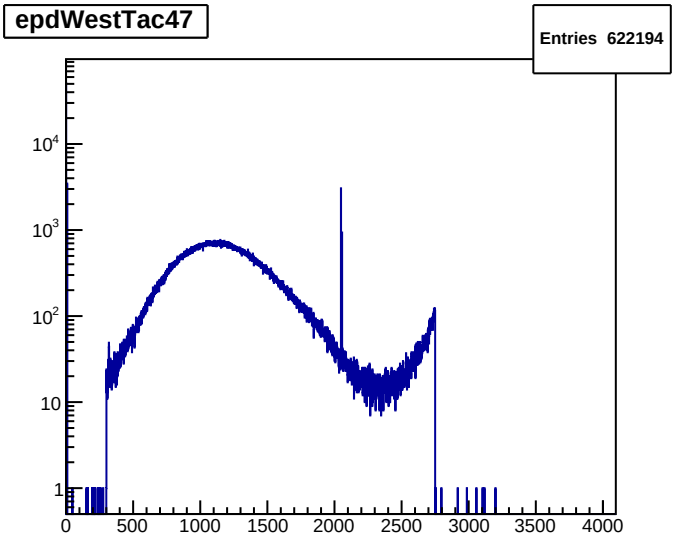
Entries 0
Data
Simu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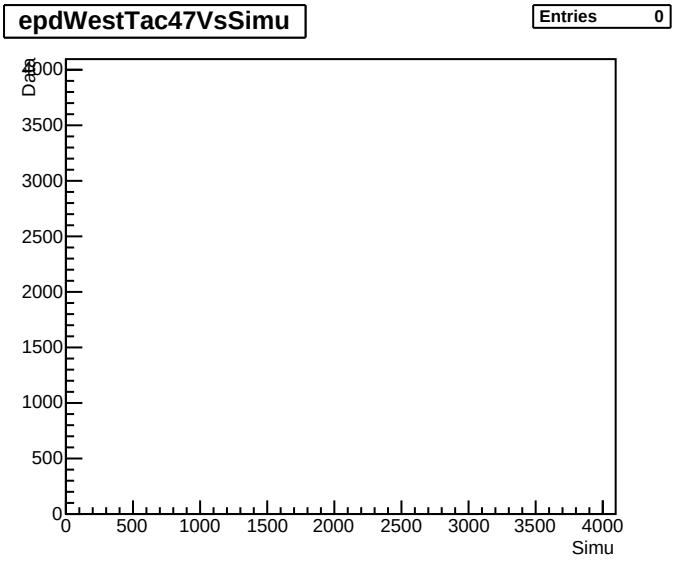
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Data
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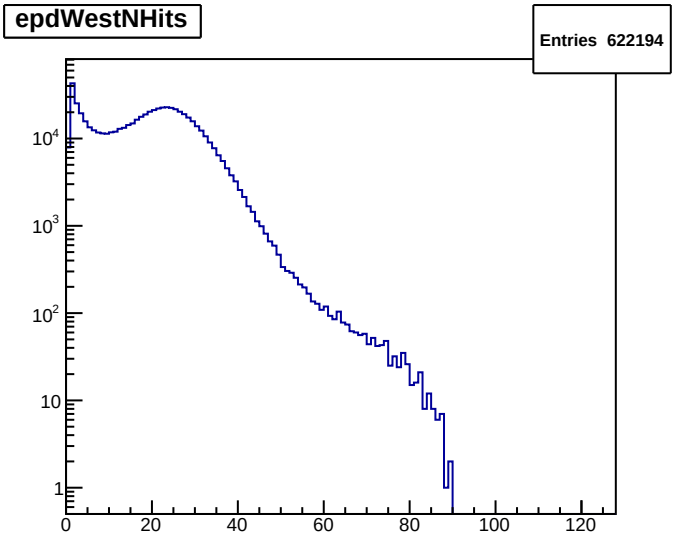
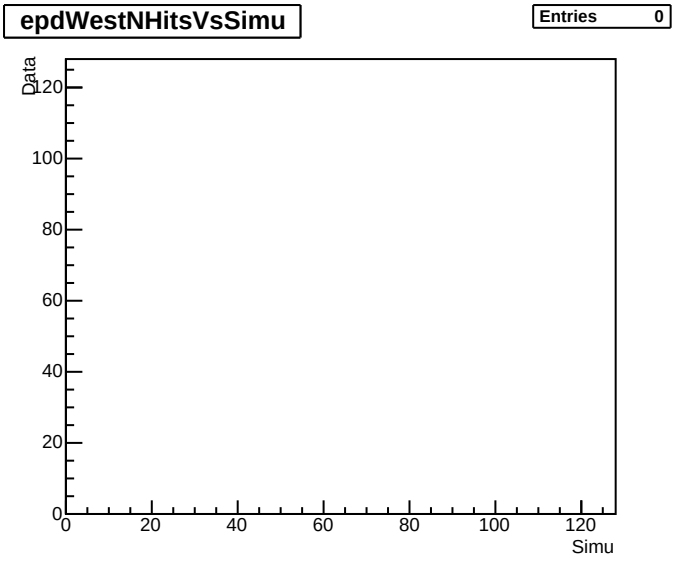
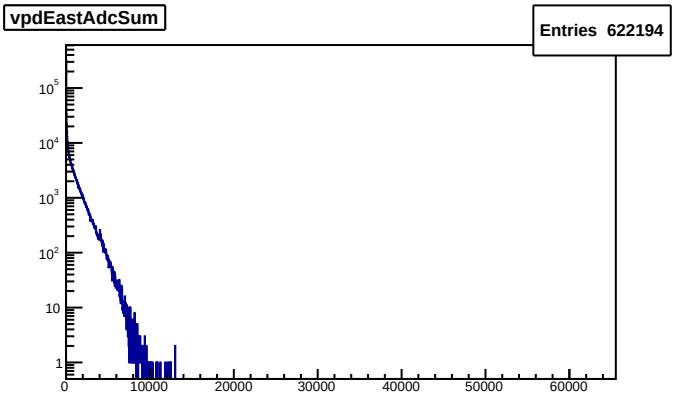
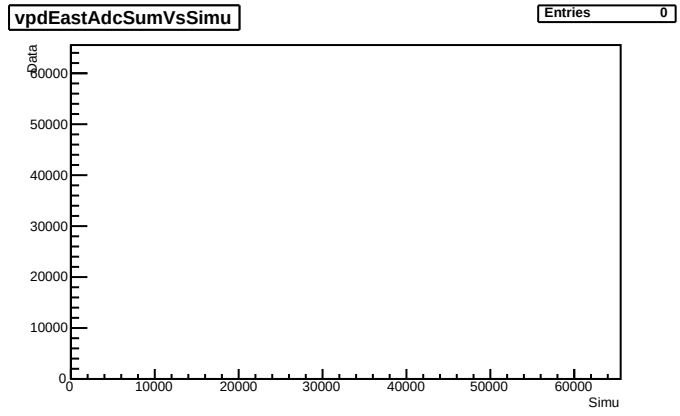

epdWestNHits
Entries 622194


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 622194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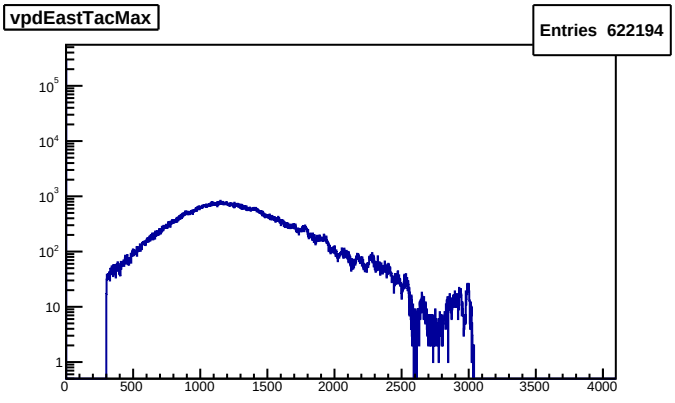
Entries 0
Data
Simu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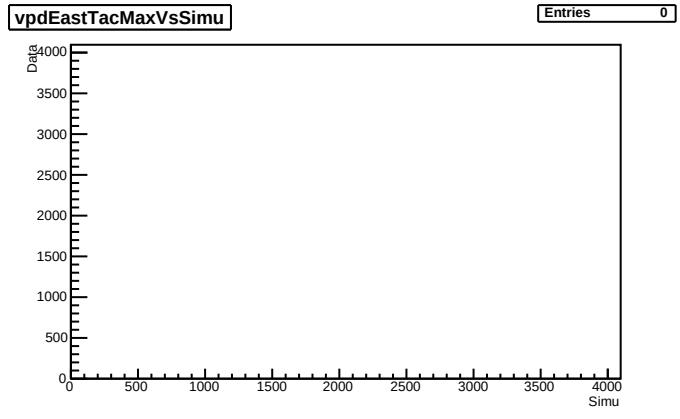
Entries 622194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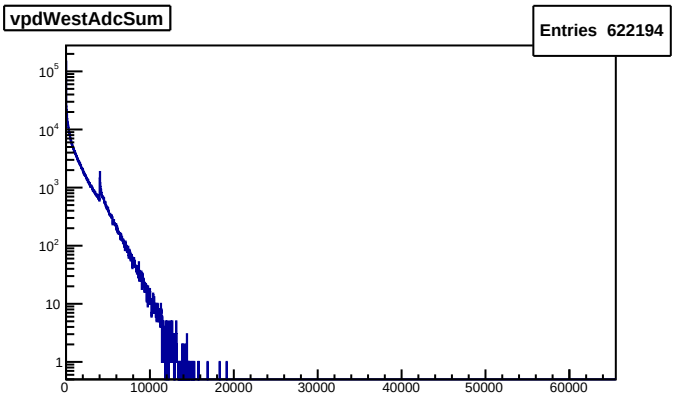
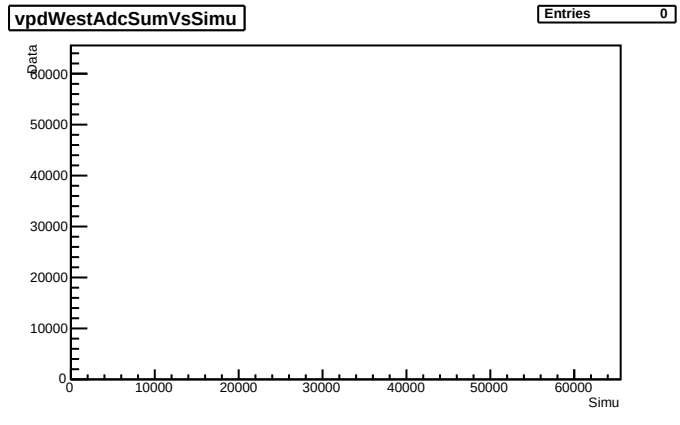
Entries 0
Data
Simu


vpdWestAdcSum
Entries 622194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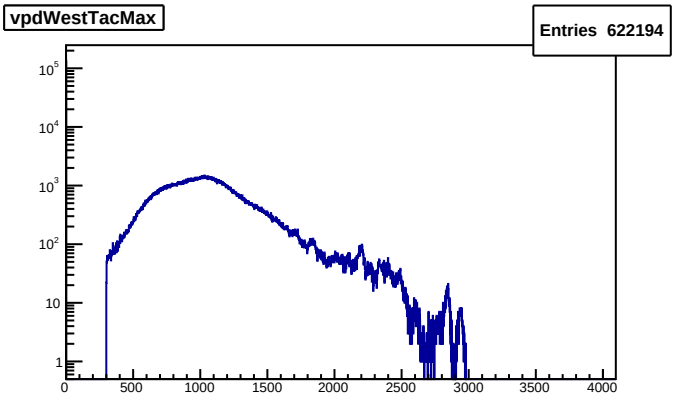
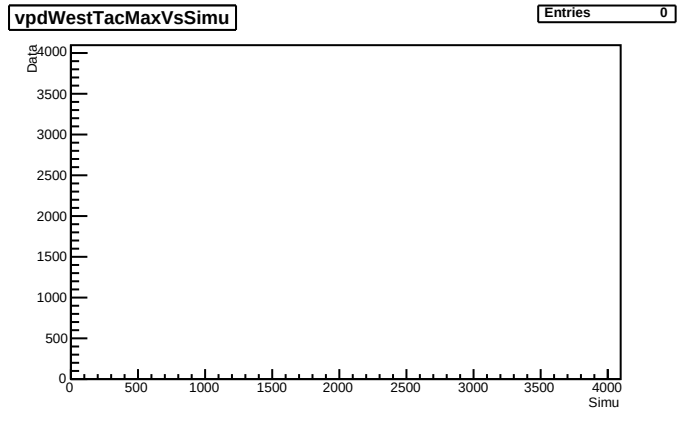
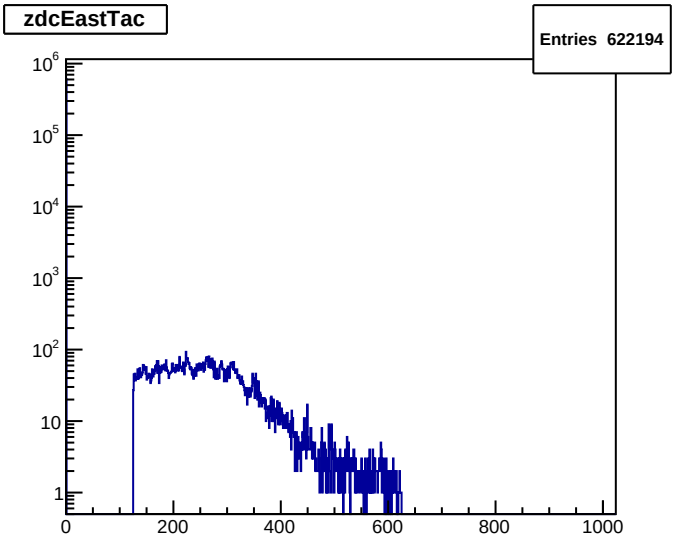
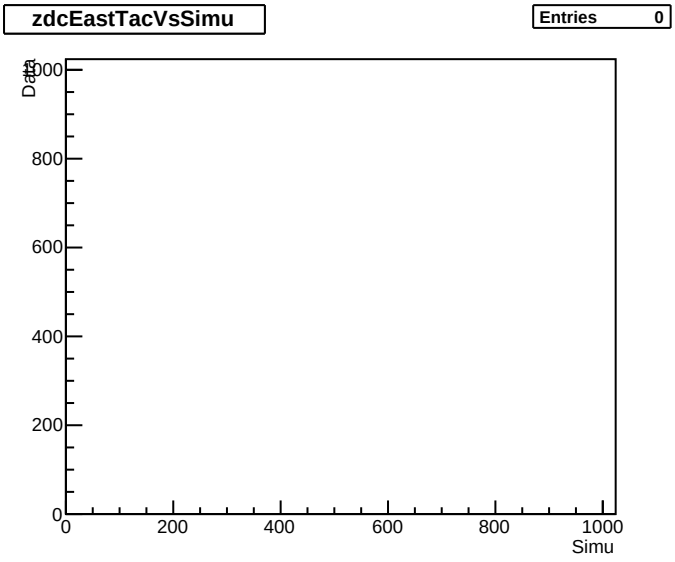
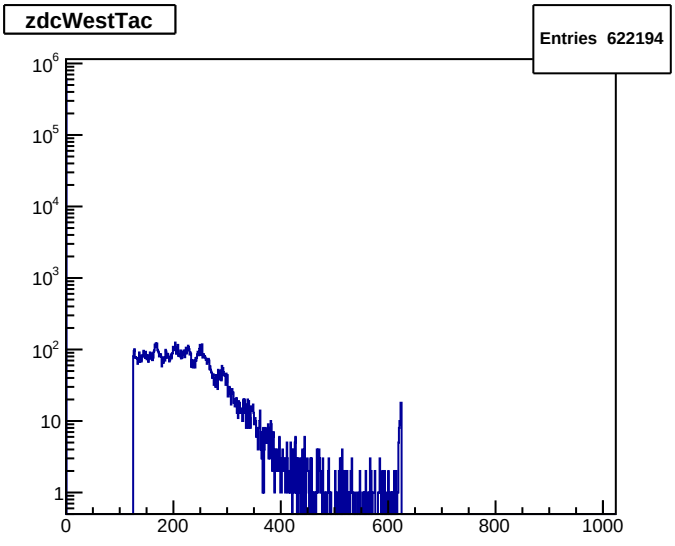
Entries 0
Data
Simu

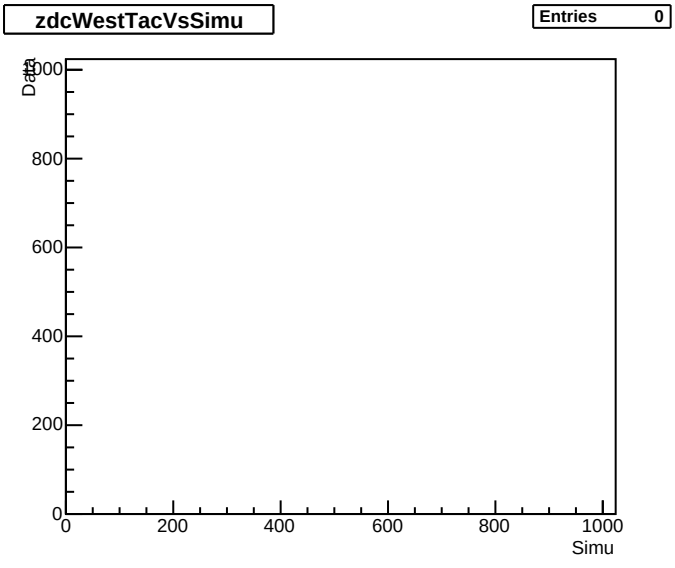

vpdWestTacMax
Entries 622194

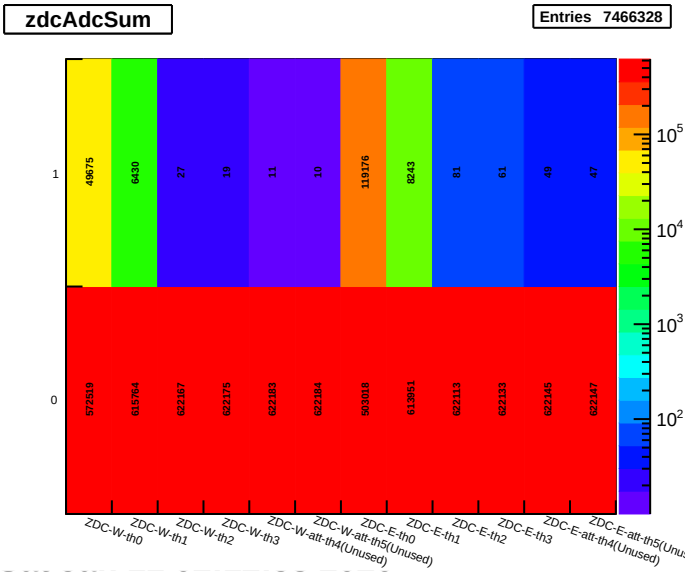

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

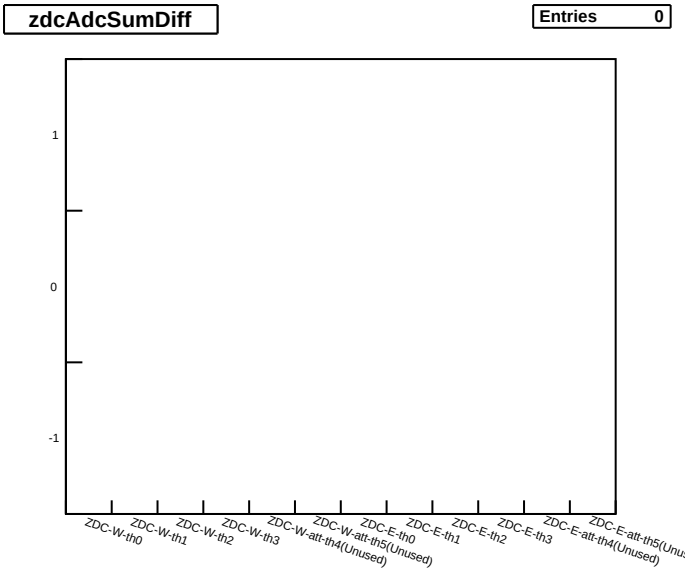

zdcEastTac
Entries 622194

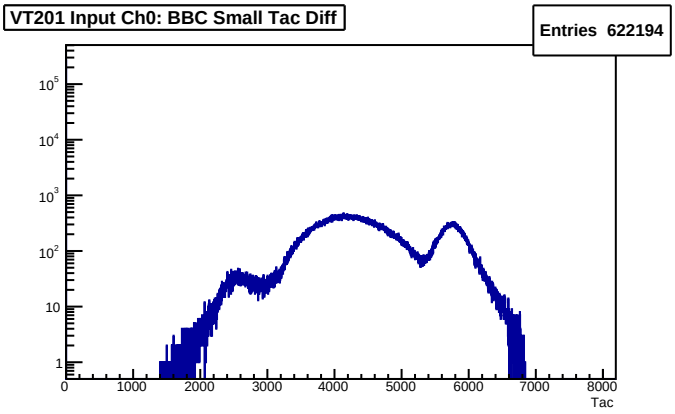

zdcEastTacVsSimu
Entries 0
Data
Simu

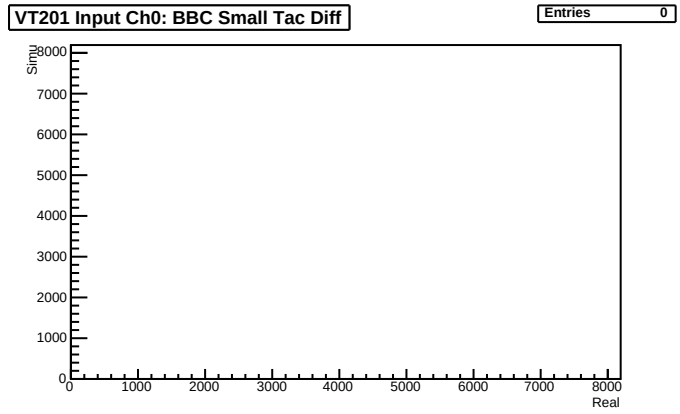

zdcWestTac
Entries 622194

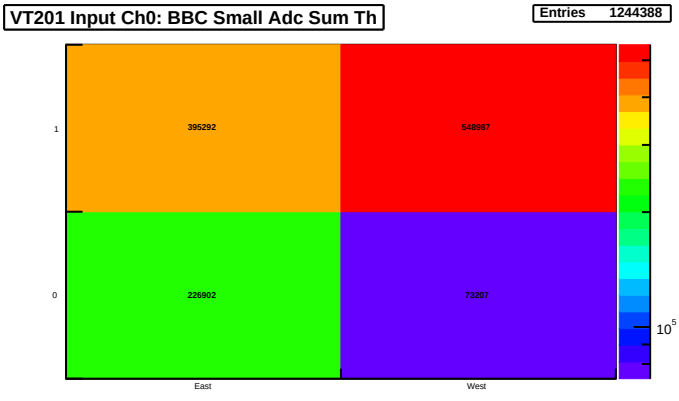

zdcWestTacVsSimu
Entries 0
Data
Simu

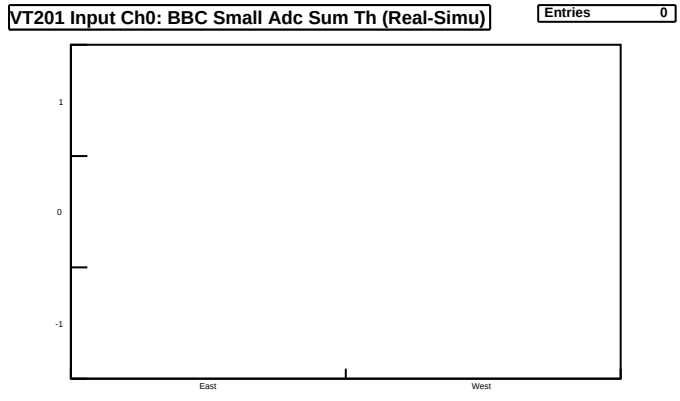

zdcAdcSum
Entries 7466328
49675
6430
27
19
11
10
119176
8243
81
61
49
47
572519
615764
622167
622175
622183
622184
503018
613951
622113
622133
622145
622147
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

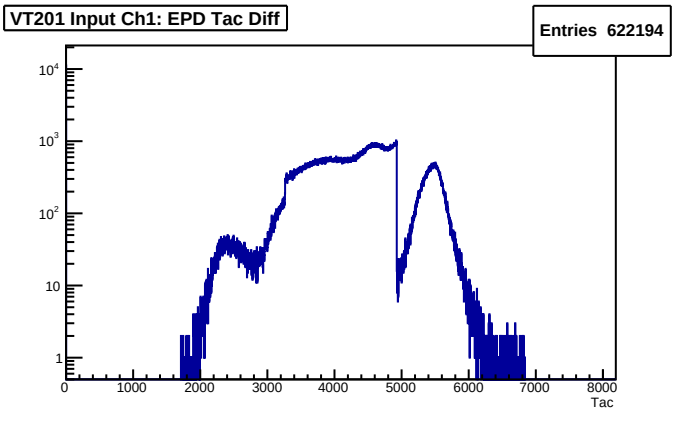

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

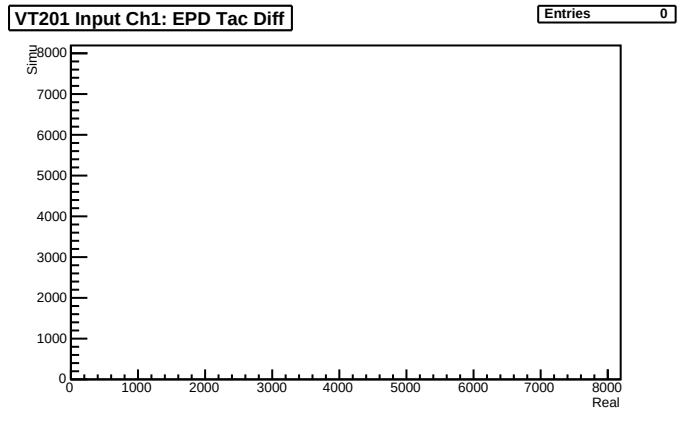

VT201 Input Ch0: BBC Small Tac Diff
Entries 622194
Tac

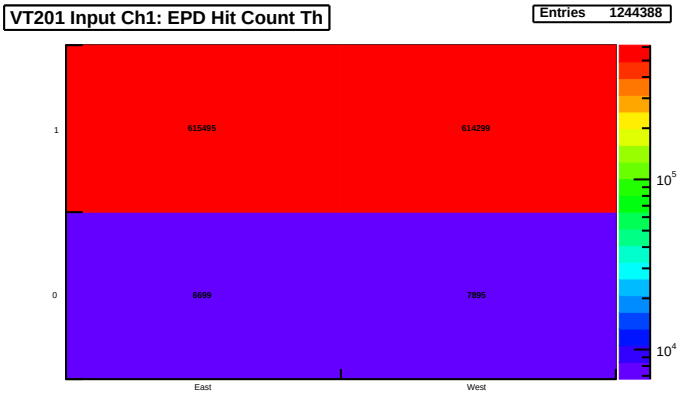

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

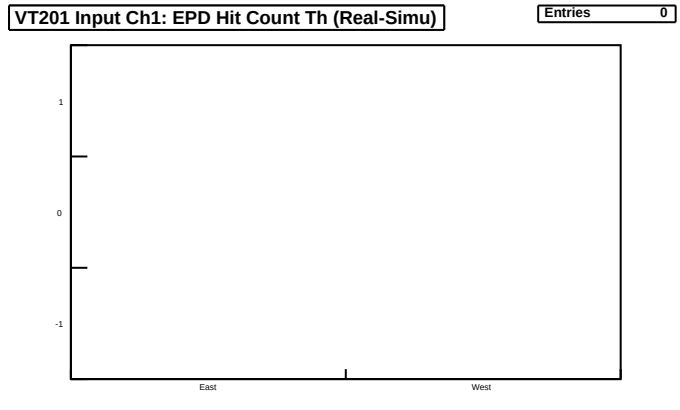

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1244388
395292
548987
226902
73207
East
West

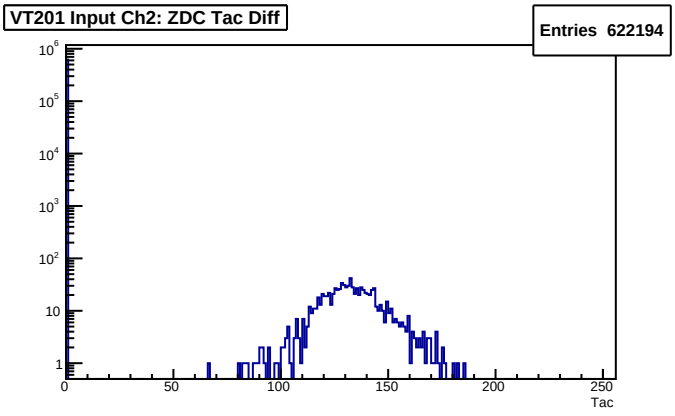

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

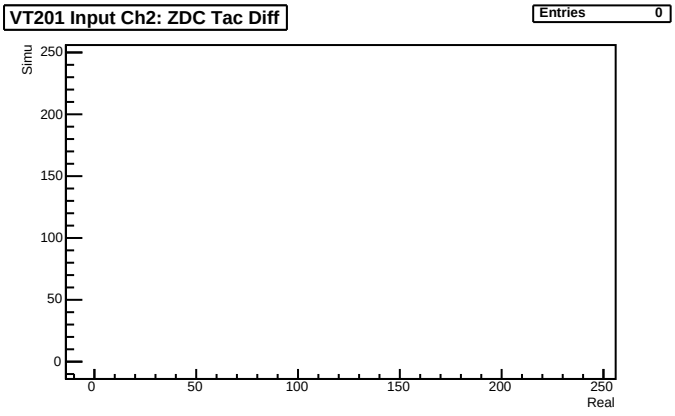

VT201 Input Ch1: EPD Tac Diff
Entries 622194
Tac

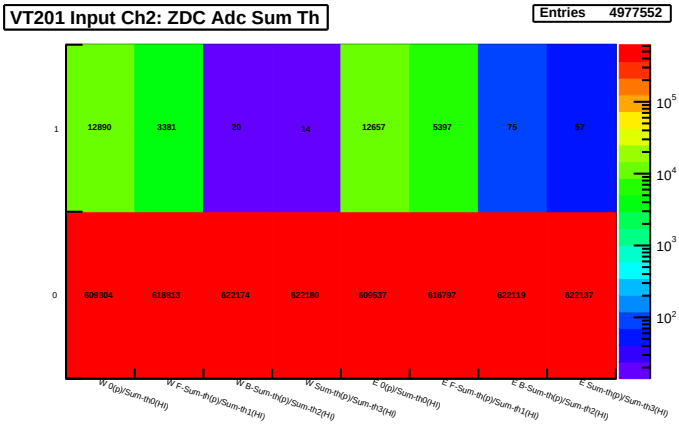

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

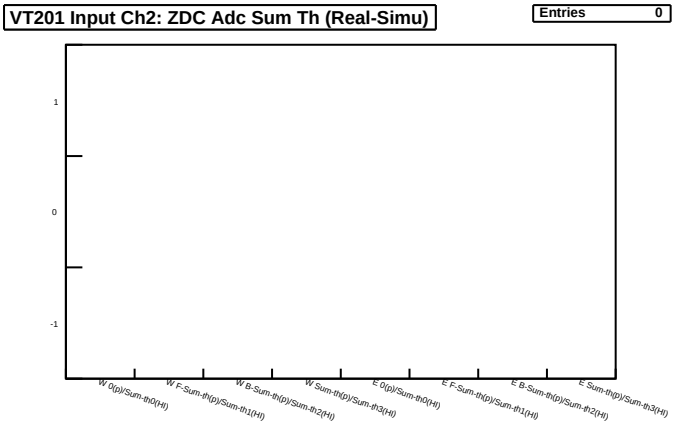

VT201 Input Ch1: EPD Hit Count Th
Entries 1244388
615495
614299
6699
7895
East
West

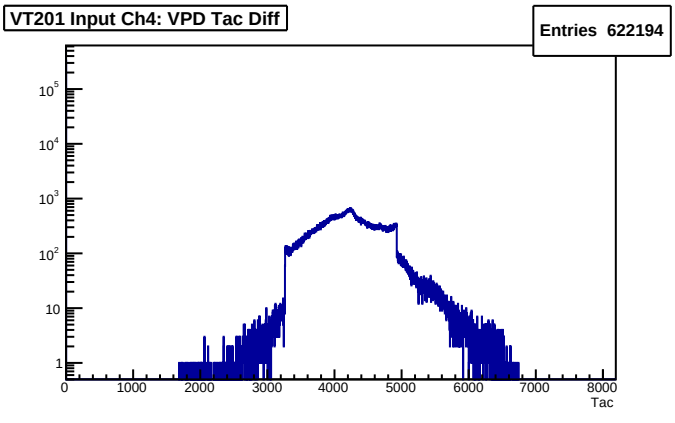

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

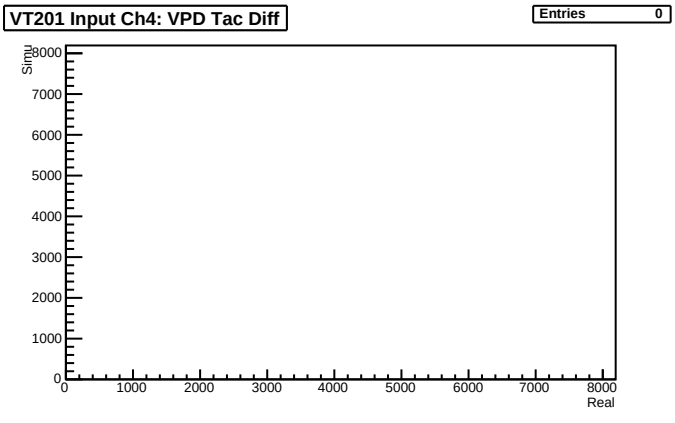

VT201 Input Ch2: ZDC Tac Diff
Entries 622194
Tac

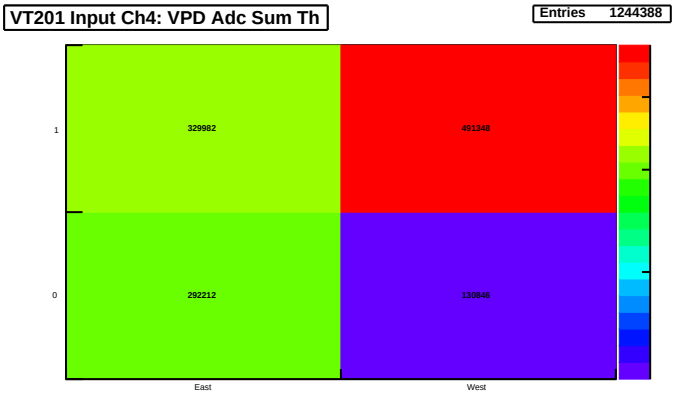

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

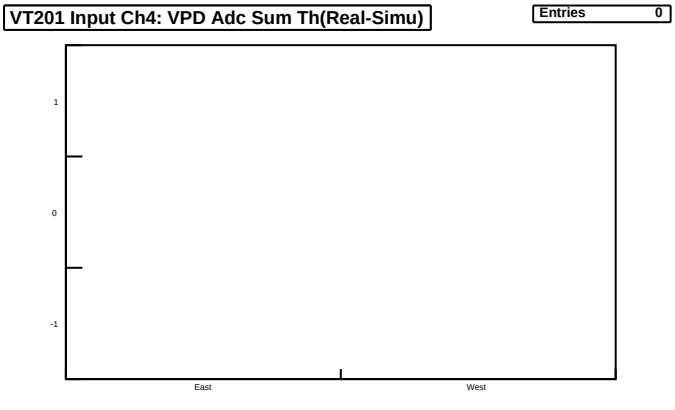

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4977552
12890
3381
20
14
12657
5397
75
57
609304
618813
622174
622180
609537
616797
622119
622137
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

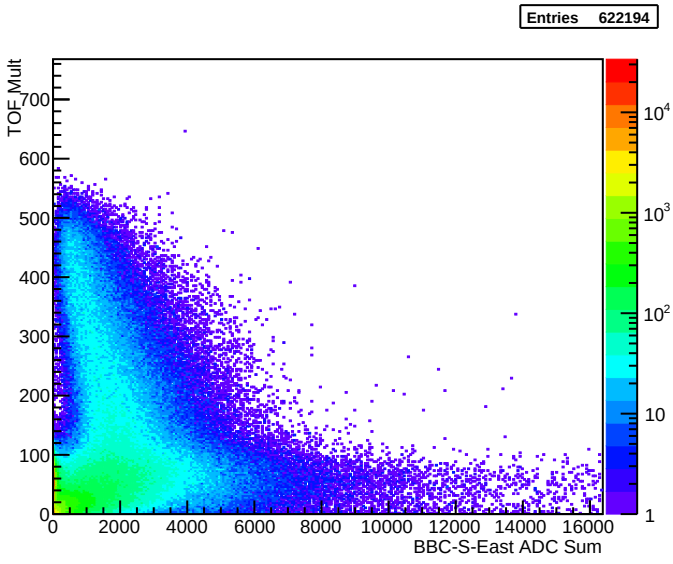

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

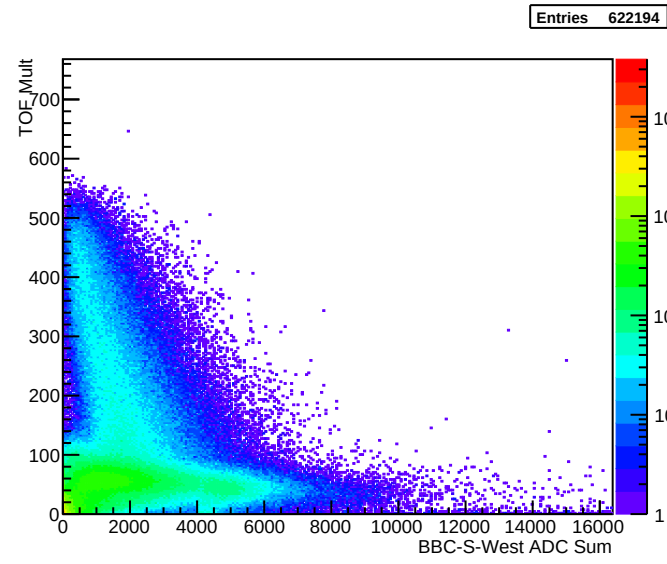

VT201 Input Ch4: VPD Tac Diff
Entries 622194
Tac

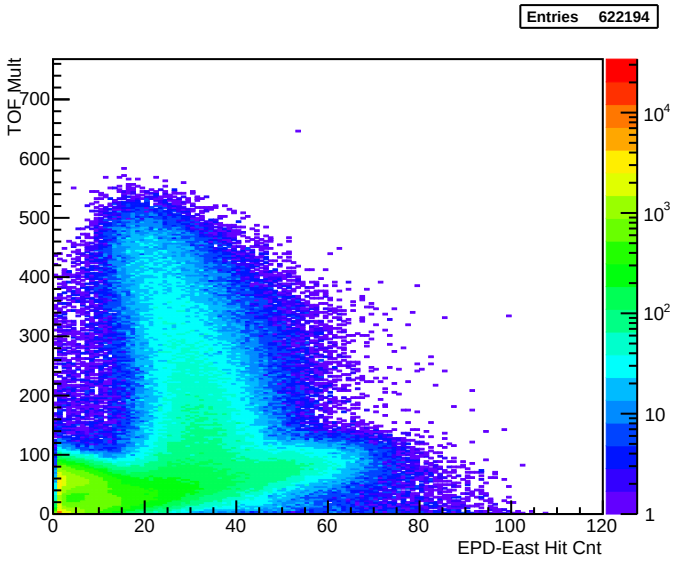

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

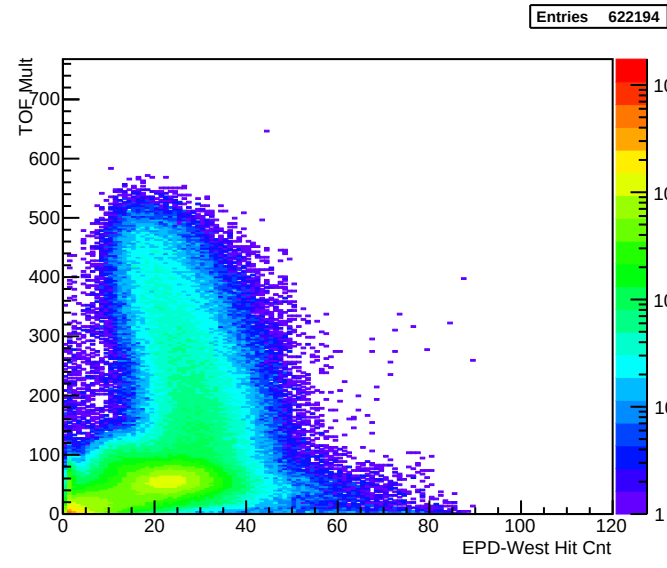

VT201 Input Ch4: VPD Adc Sum Th
Entries 1244388
329982
491348
292212
130846
East
West

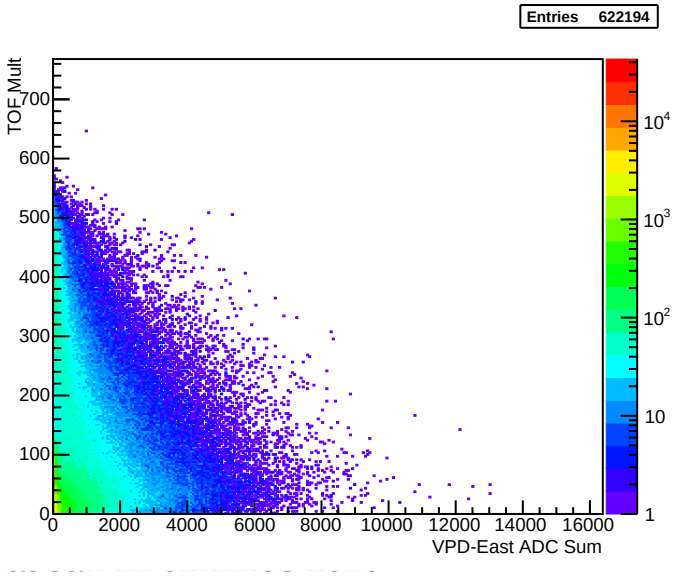

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

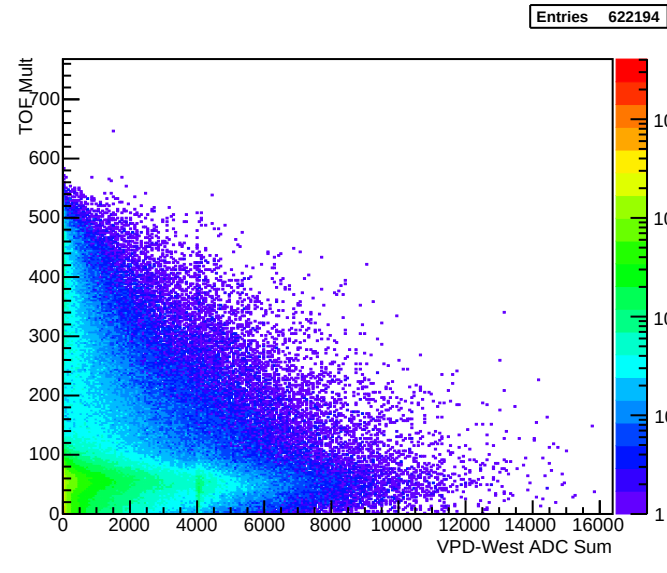

Entries 622194
TOF_Mult
BBC-S-East ADC Sum

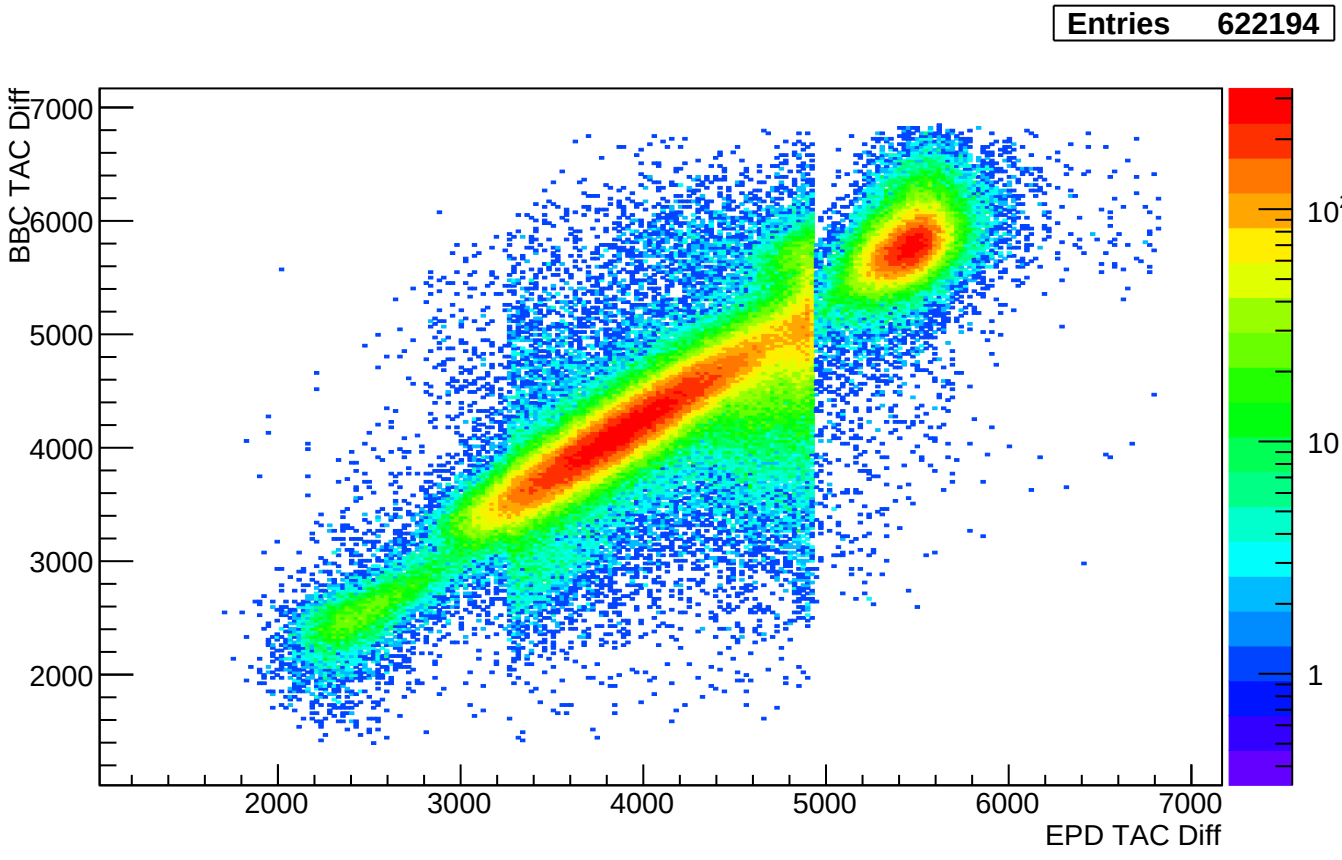

Entries 622194
TOF_Mult
BBC-S-West ADC Sum

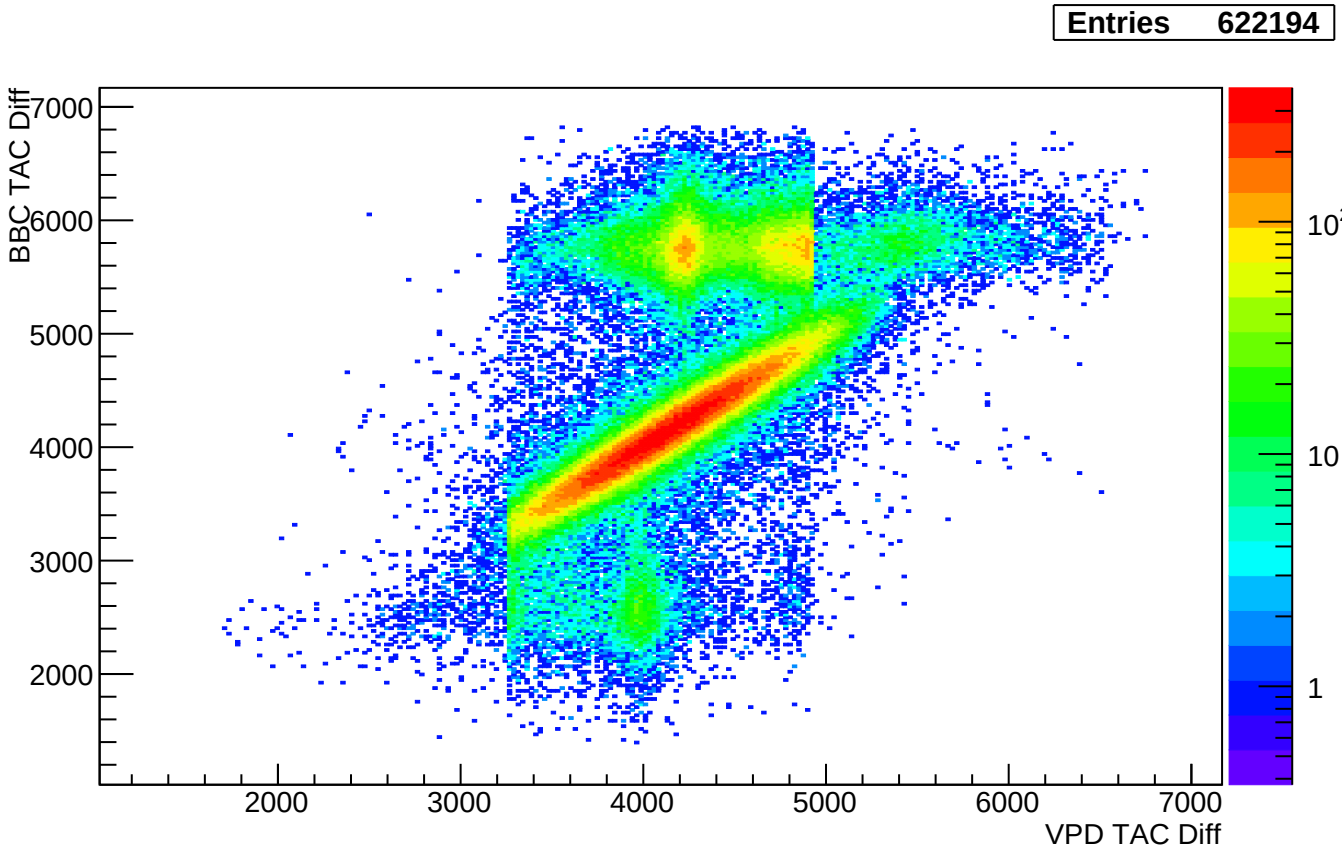

Entries 622194
TOF_Mult
EPD-East Hit Cnt

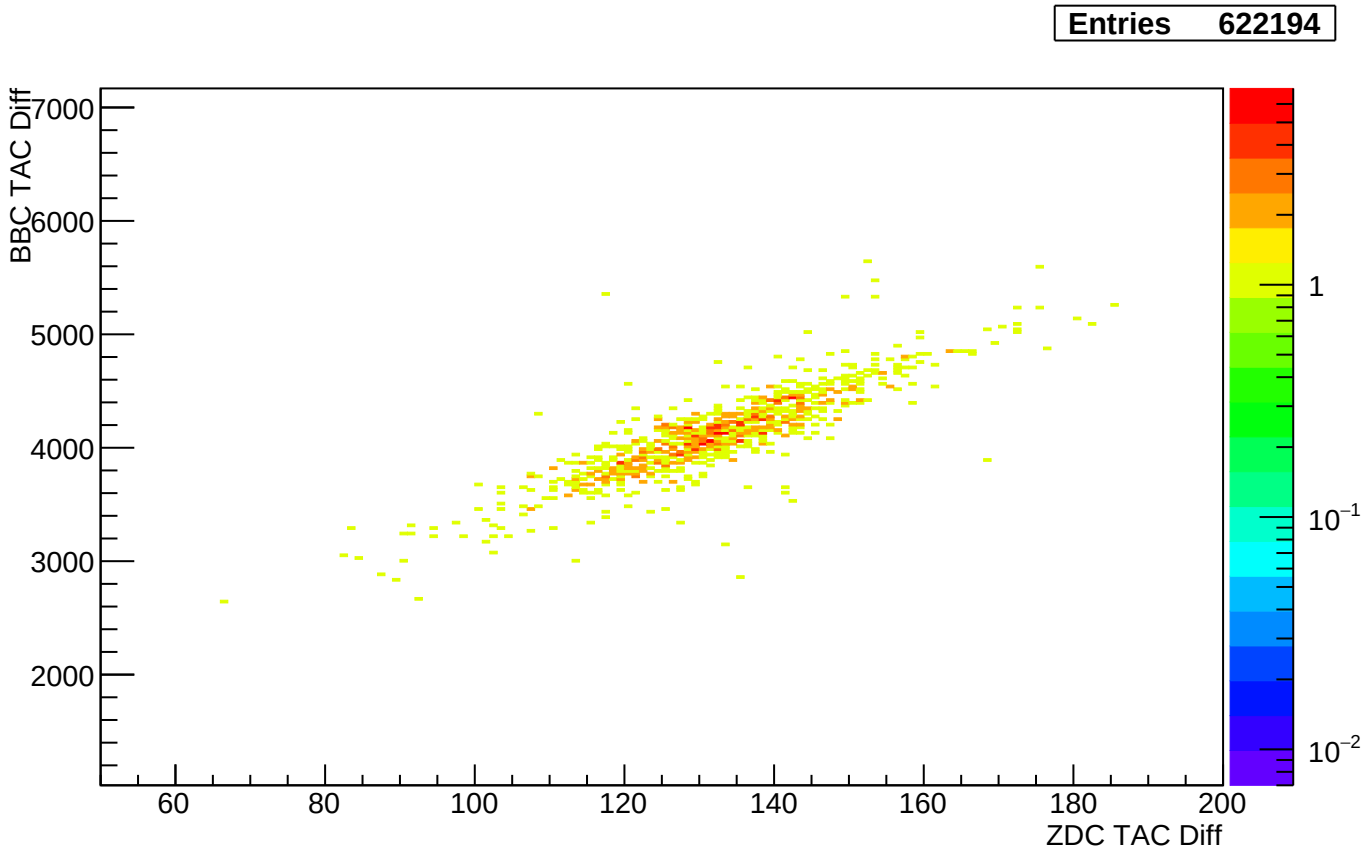

Entries 622194
TOF_Mult
EPD-West Hit Cnt

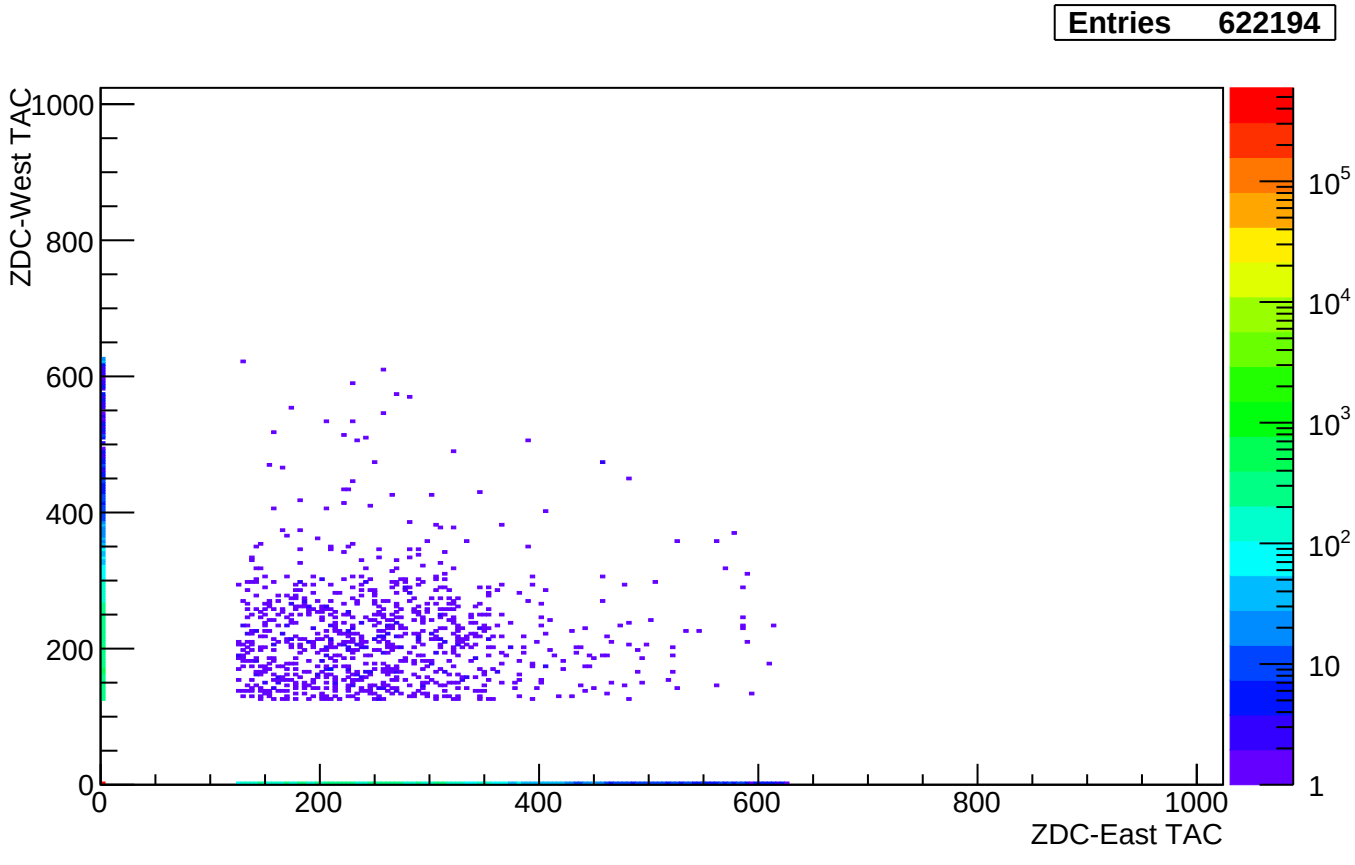

Entries 622194
TOF_Mult
VPD-East ADC Sum

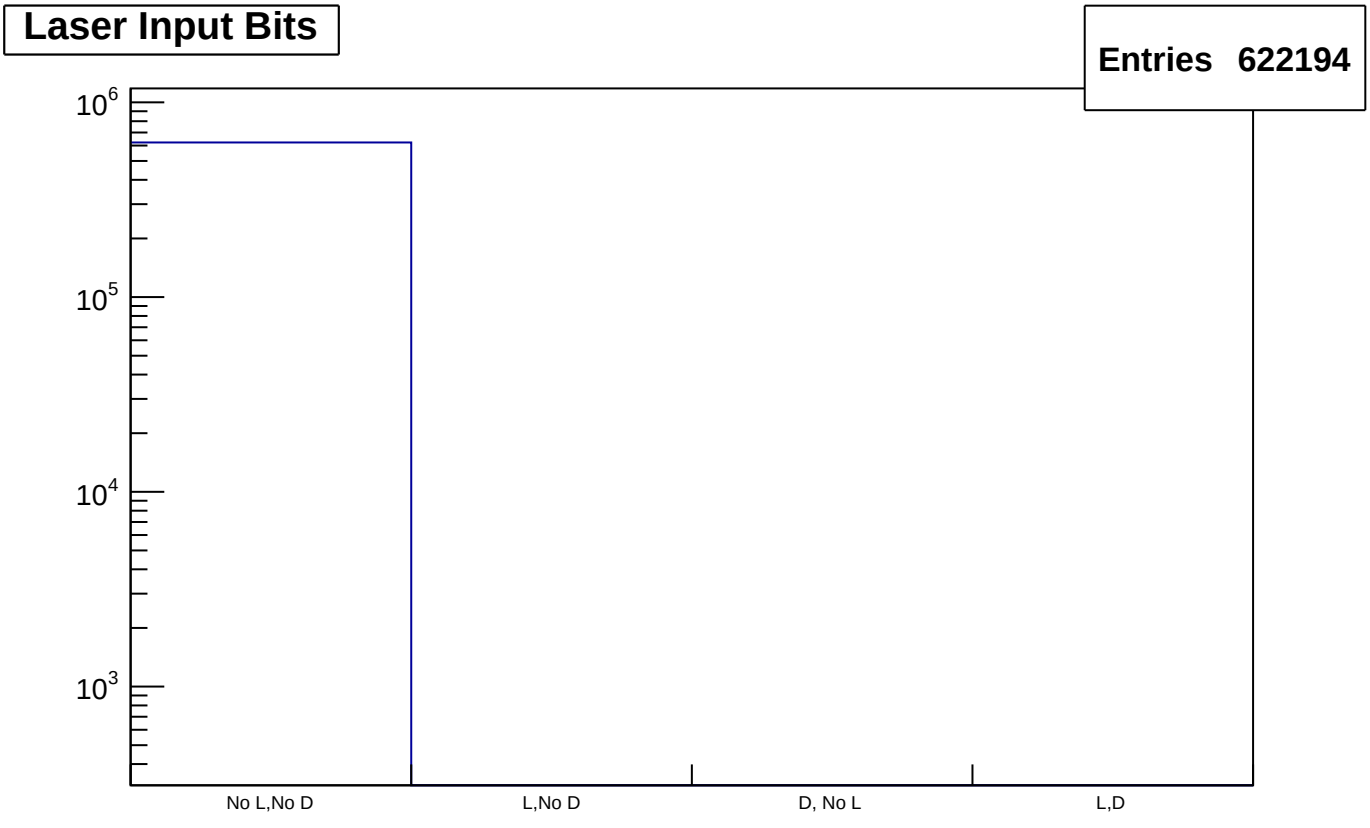

Entries 622194
TOF_Mult
VPD-West ADC Sum

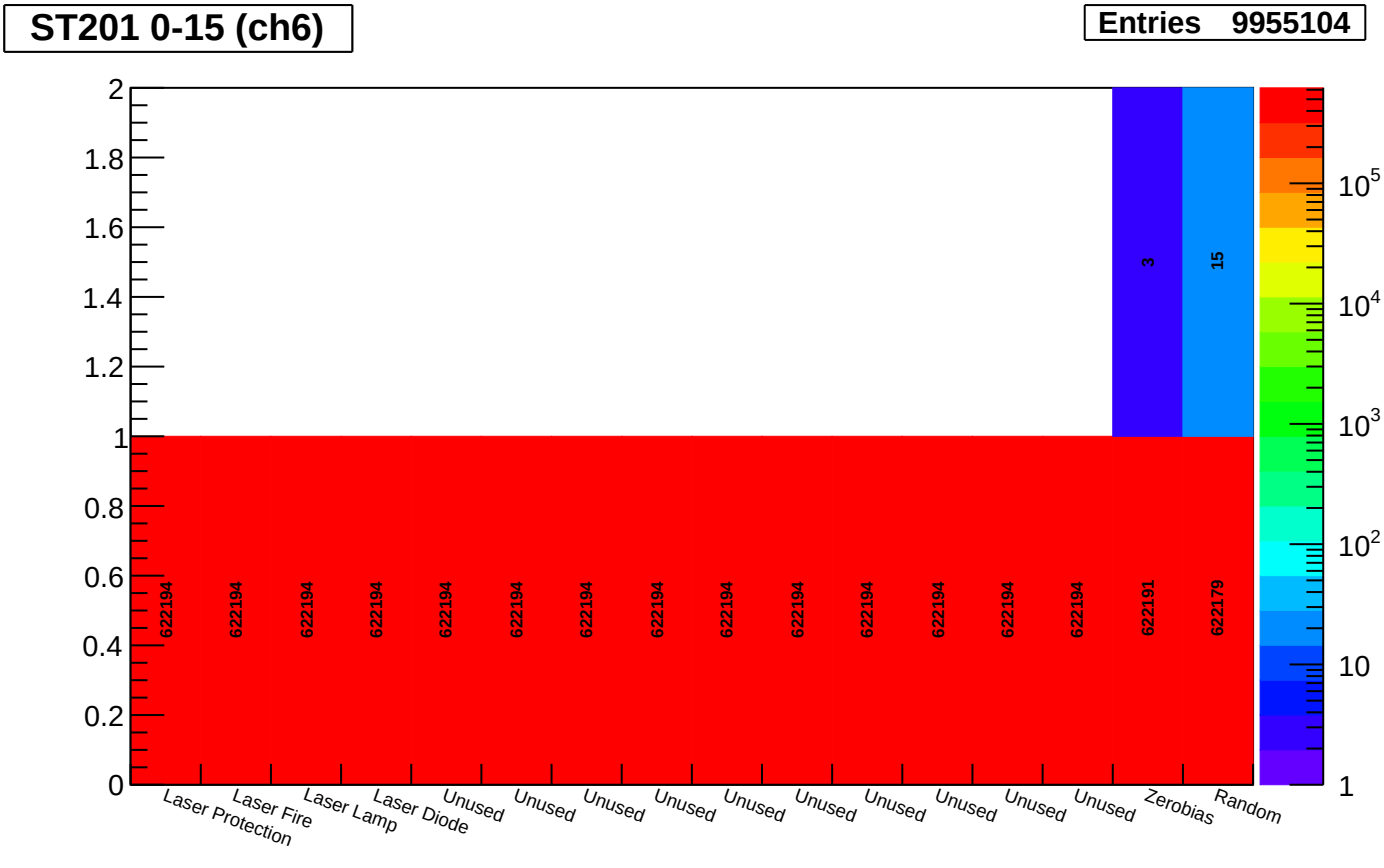

Entries 622194
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

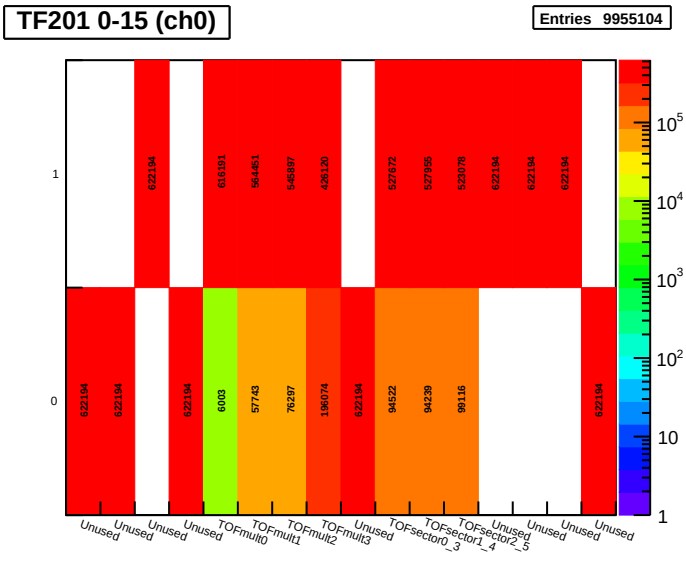

Entries 622194
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

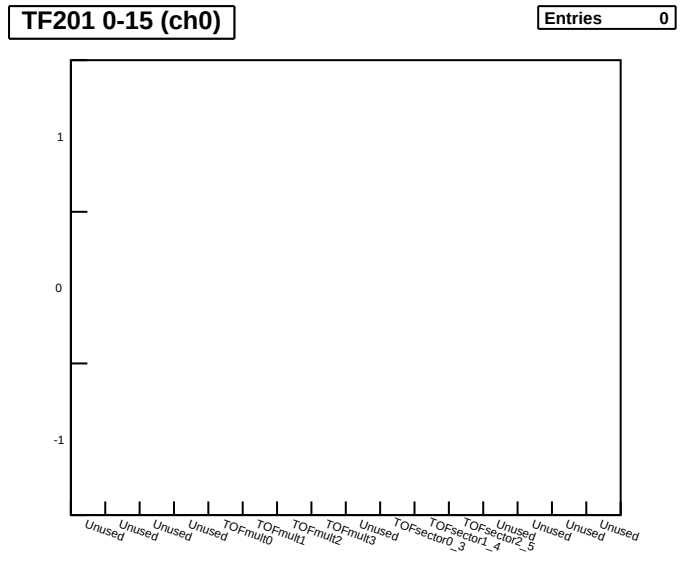

Entries 622194
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

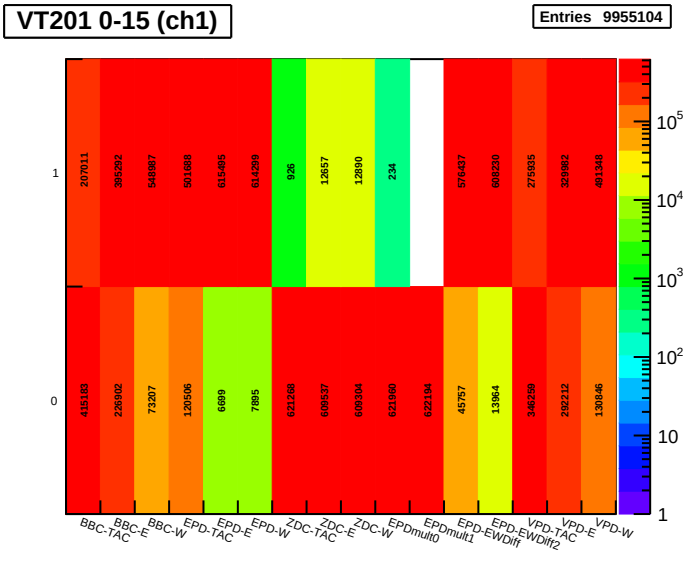

Entries 622194
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

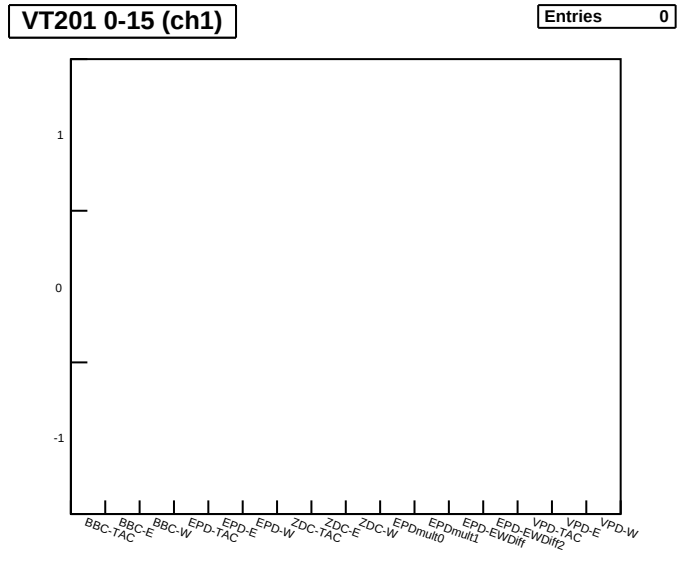

Laser Input Bits
Entries 622194
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

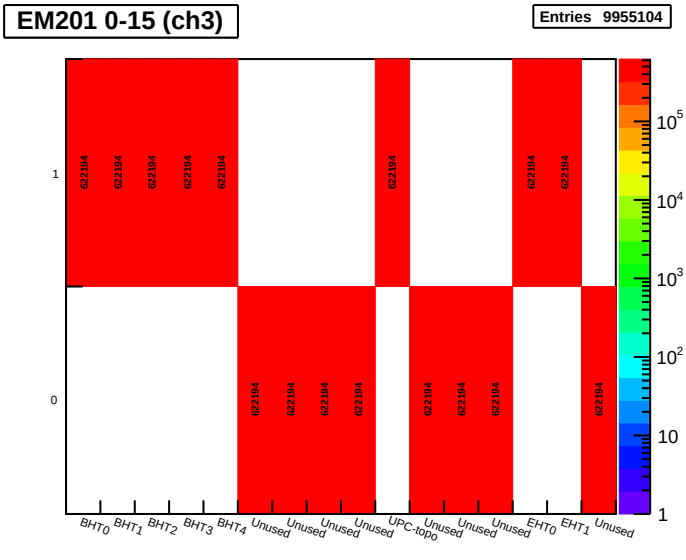

ST201 0-15 (ch6)
Entries 9955104
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
622194
622194
622194
622194
622194
622194
622194
622194
622194
622194
622194
622194
622194
622194
622191
622179
3
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

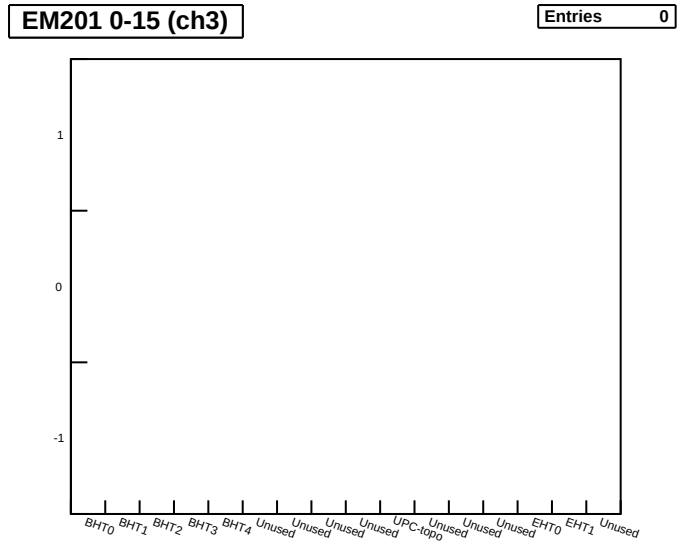

TF201 0-15 (ch0)
Entries 9955104
1
0
622194 616191 564451 545897 426120 527672 527955 523078 622194 622194 622194
622194 622194 622194 6003 57743 76297 196074 622194 94522 94239 99116 622194
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 9955104
1
0
207011 395292 548987 501688 615485 614299 926 12657 12890 234 576437 608230 275935 329982 491348
415183 226902 73207 120506 6699 7895 622268 609537 609304 621960 622194 45757 13964 346259 292212 130846
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 9955104
1
0
622194 622194 622194 622194 622194 622194 622194
622194 622194 622194 622194 622194 622194 622194 622194
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