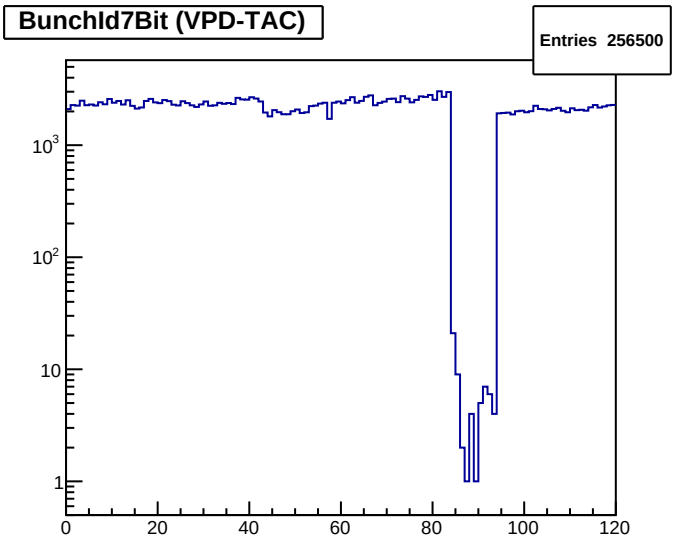
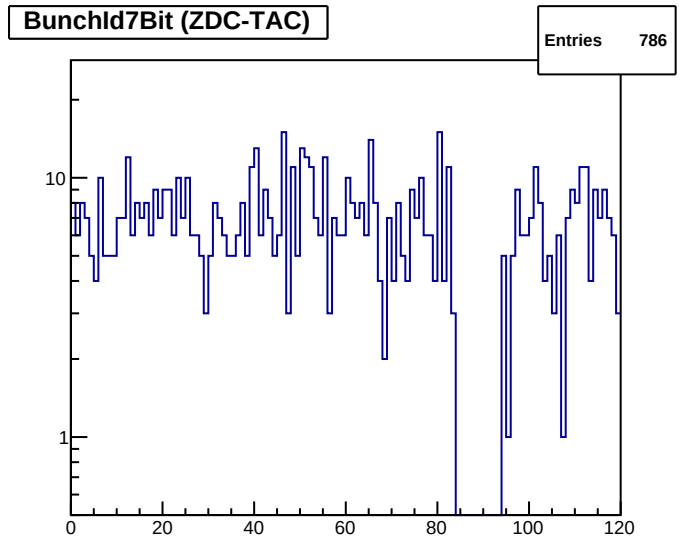
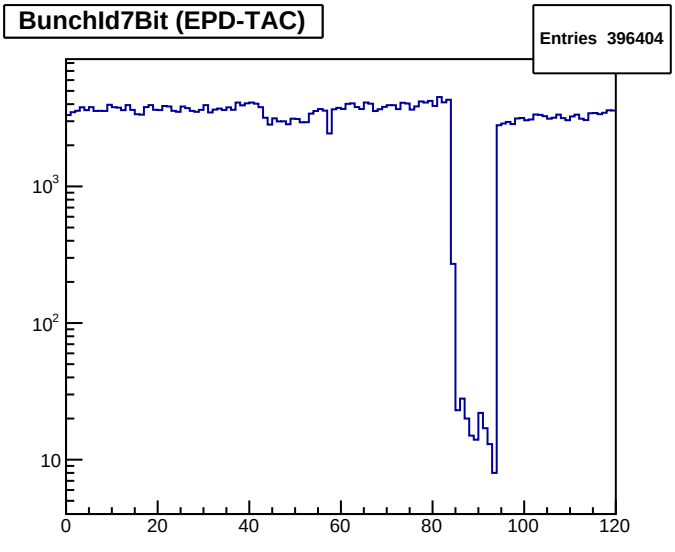
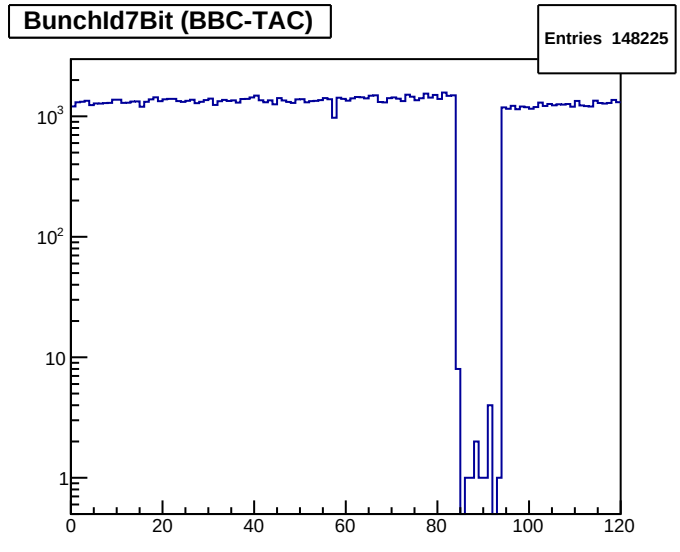
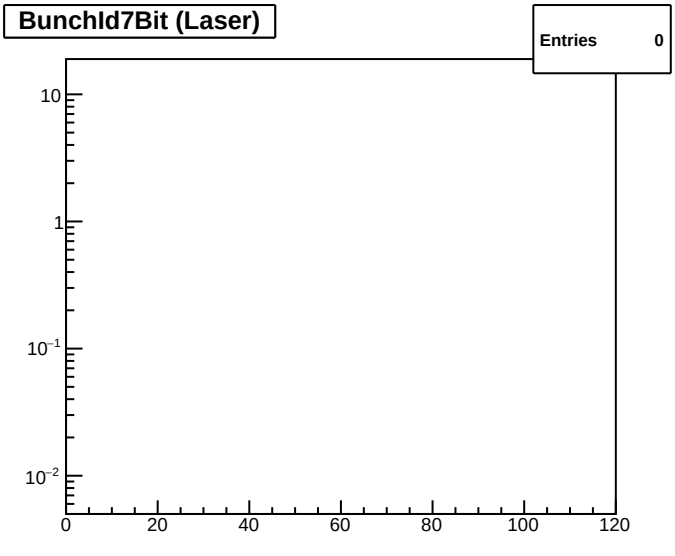
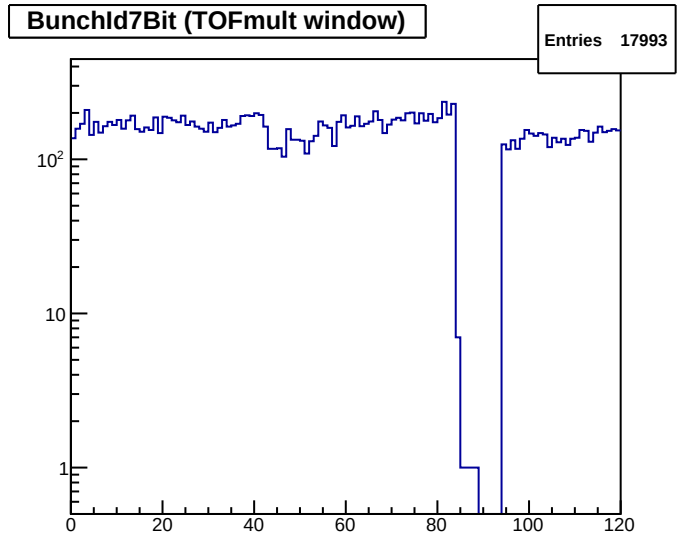

BunchId7Bit (VPD-TAC)
Entries 256500

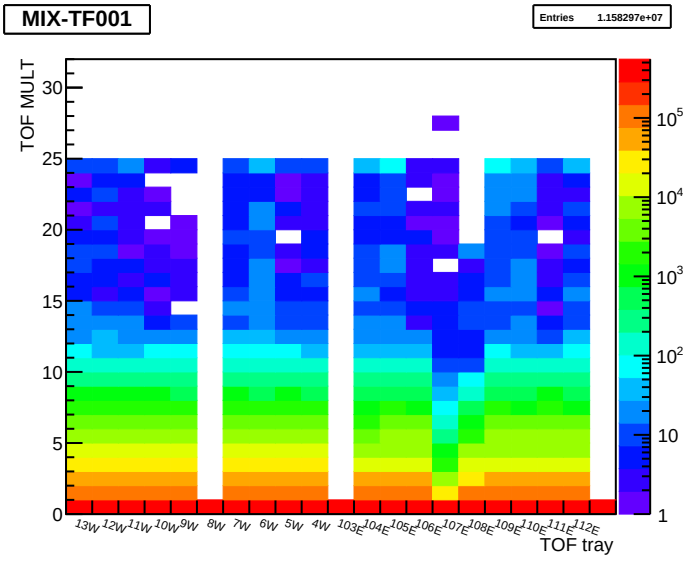

BunchId7Bit (ZDC-TAC)
Entries 786

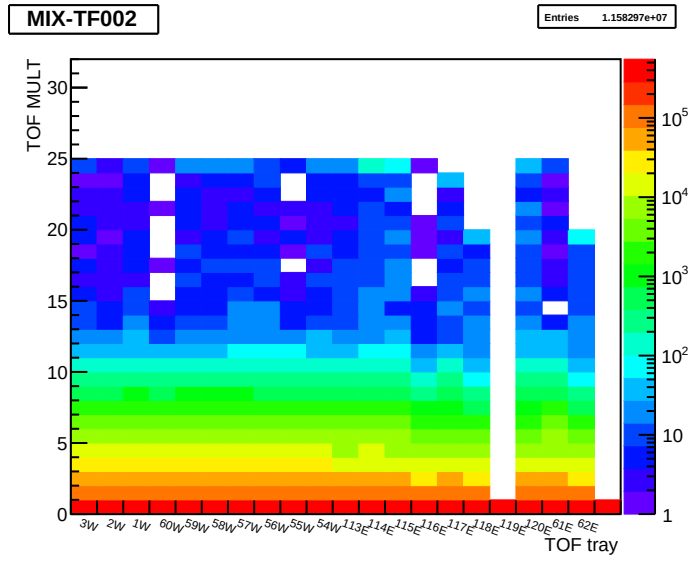

BunchId7Bit (EPD-TAC)
Entries 396404

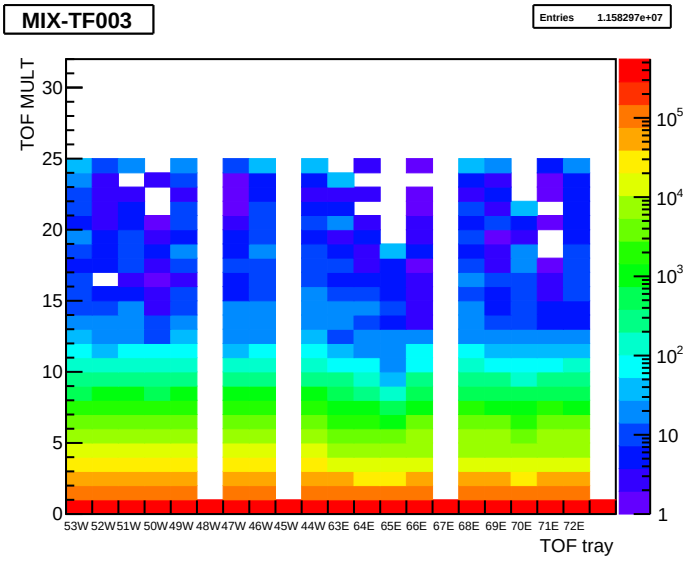

BunchId7Bit (BBC-TAC)
Entries 148225

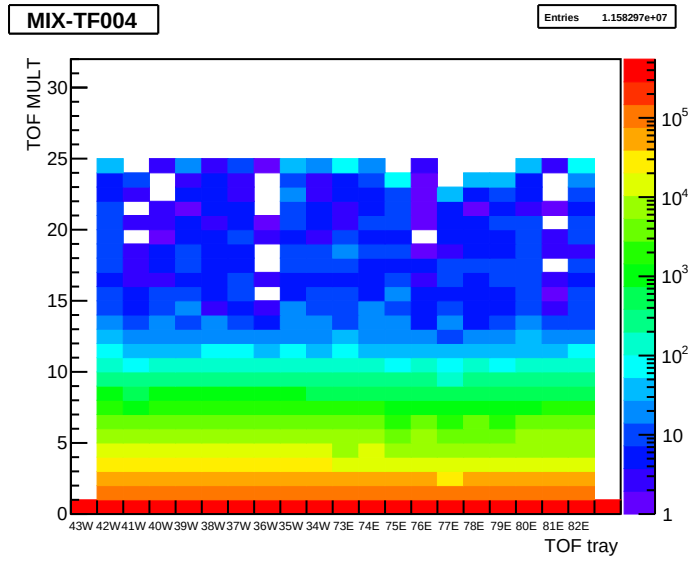

BunchId7Bit (Laser)
Entries 0

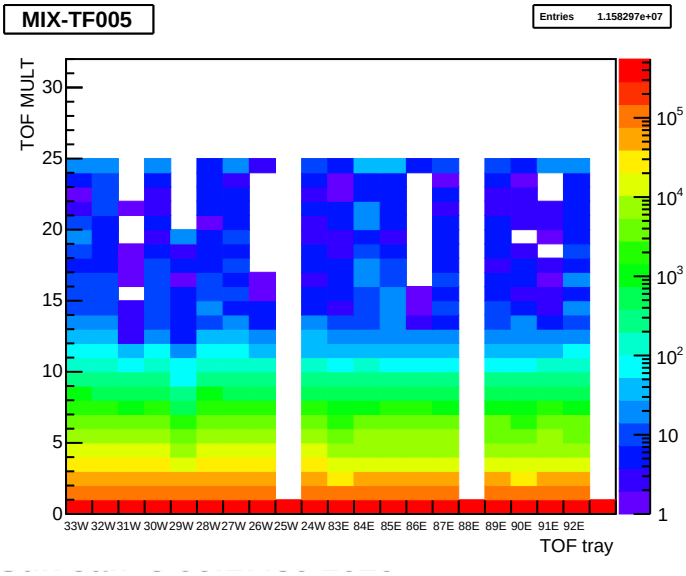

BunchId7Bit (TOFmult window)
Entries 17993

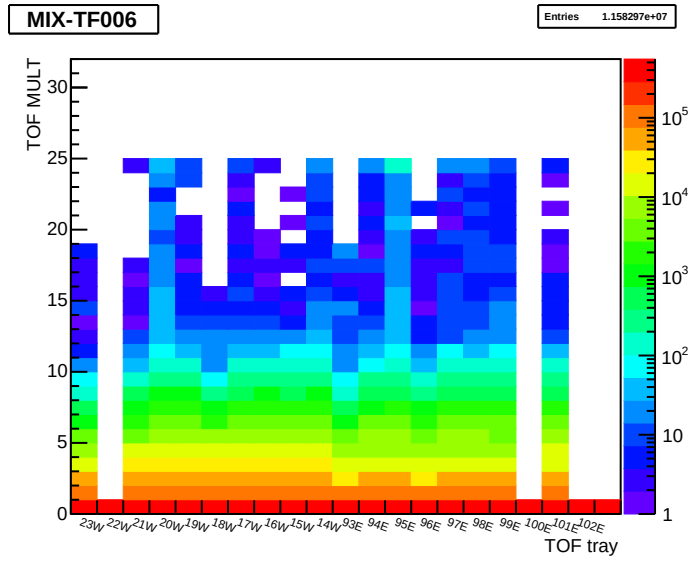

MIX-TF001
Entries 1.158297e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

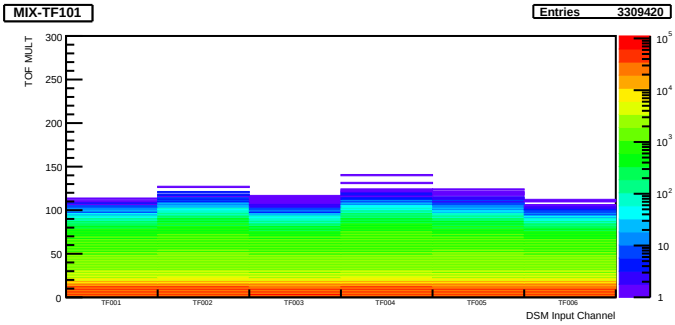

MIX-TF002
Entries 1.158297e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

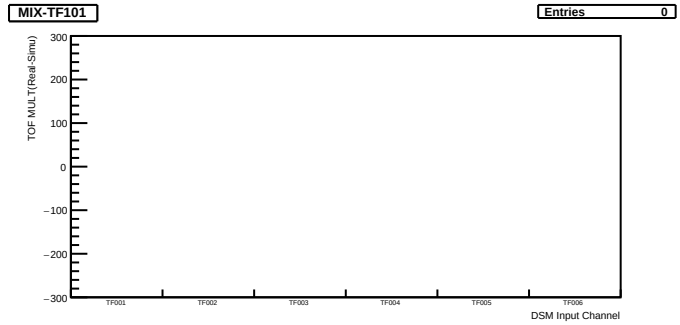

MIX-TF003
Entries 1.158297e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

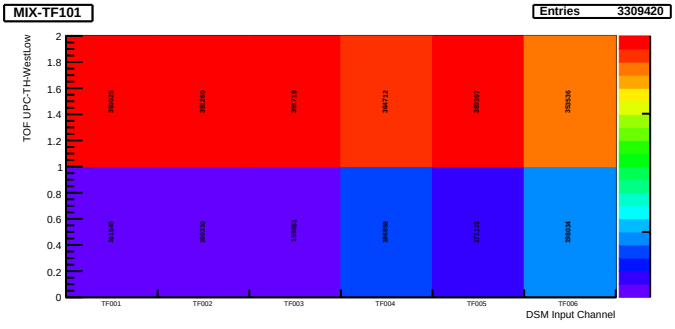

MIX-TF004
Entries 1.158297e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

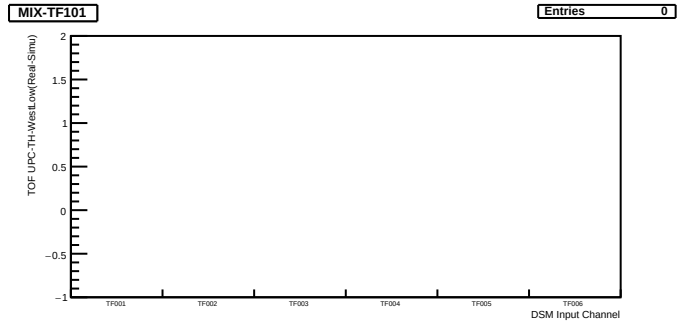

MIX-TF005
Entries 1.158297e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

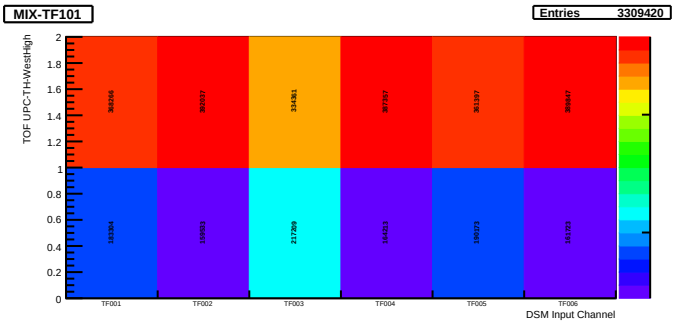

MIX-TF006
Entries 1.158297e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

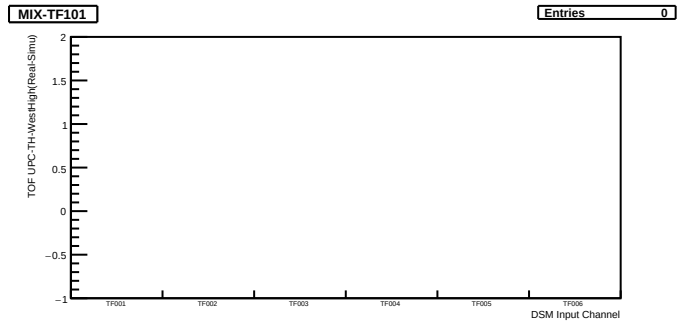

MIX-TF101
Entries 3309420
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

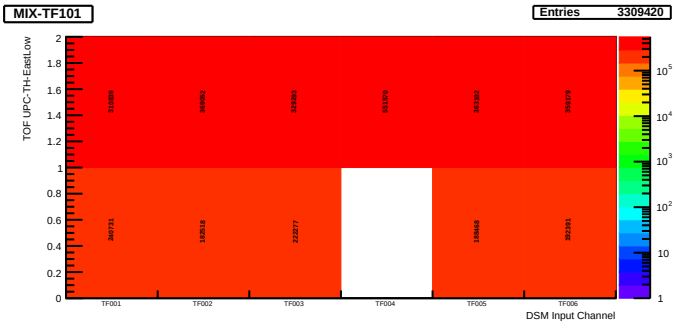

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

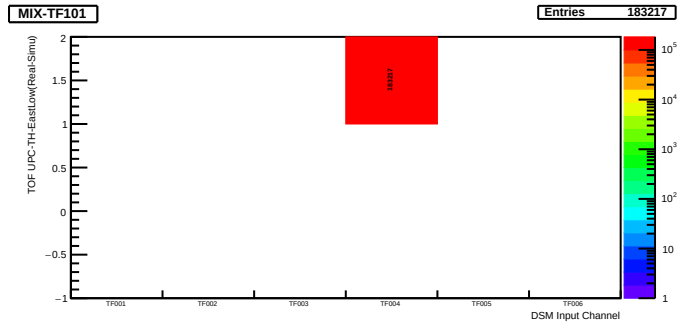

MIX-TF101
Entries 3309420
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

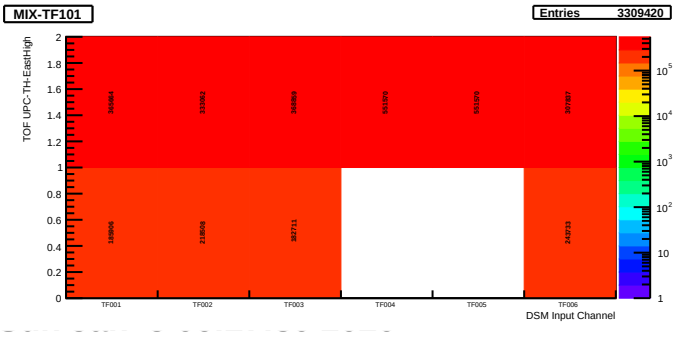

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

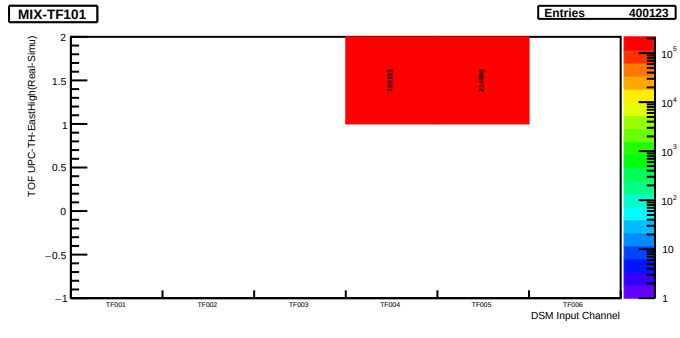

MIX-TF101
Entries 3309420
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

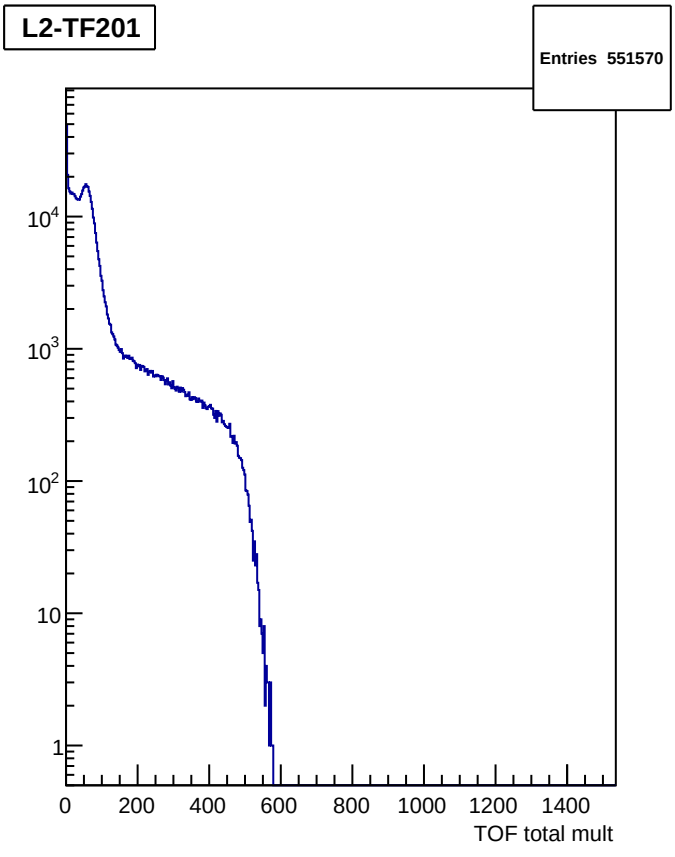

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

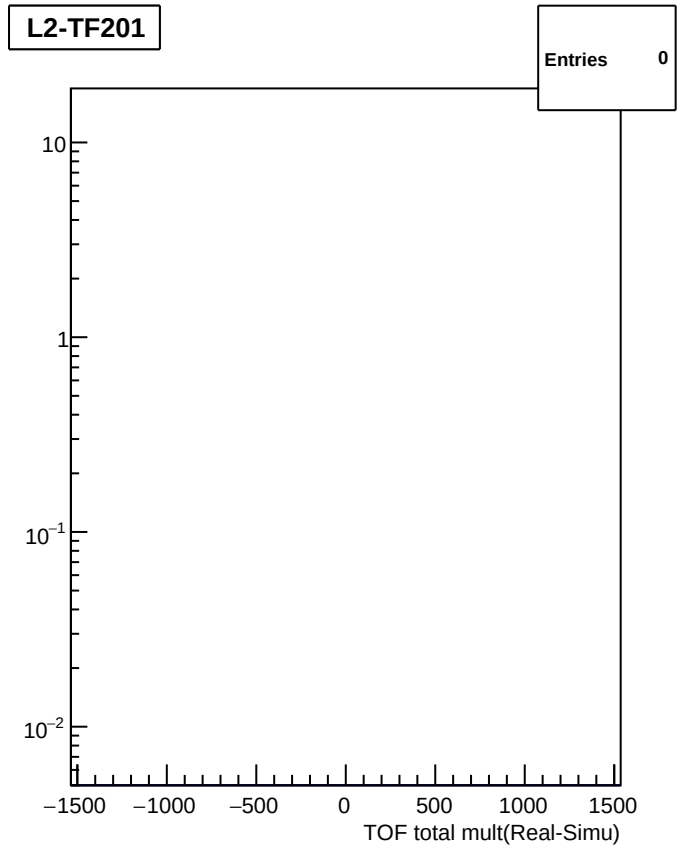

MIX-TF101
Entries 3309420
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

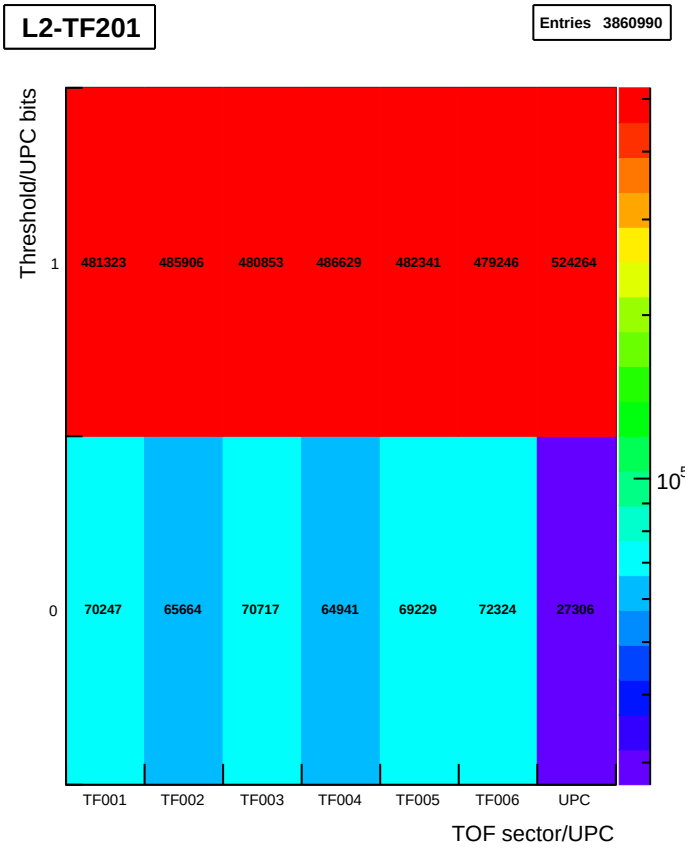

MIX-TF101
Entries 183217
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

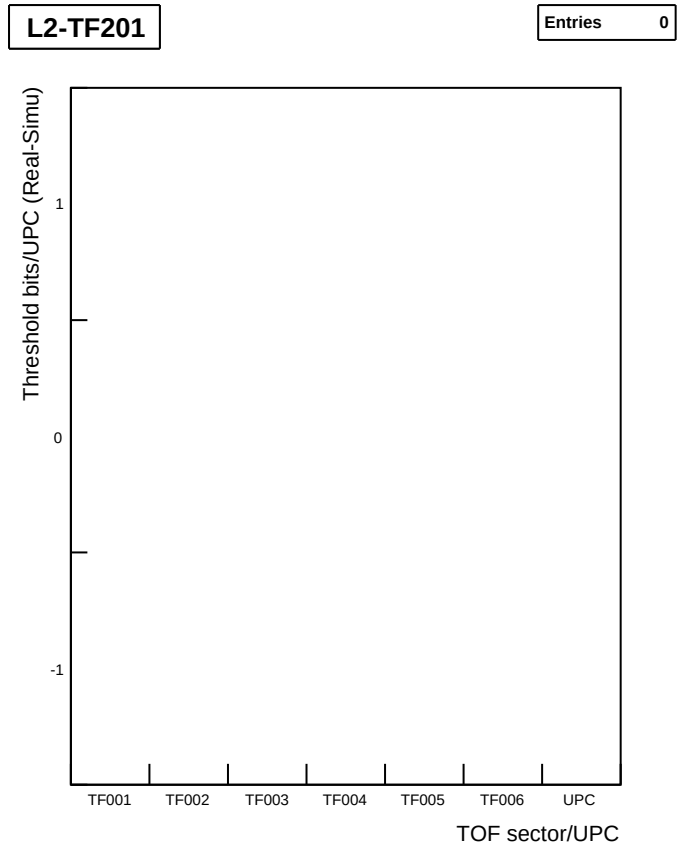

MIX-TF101
Entries 3309420
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

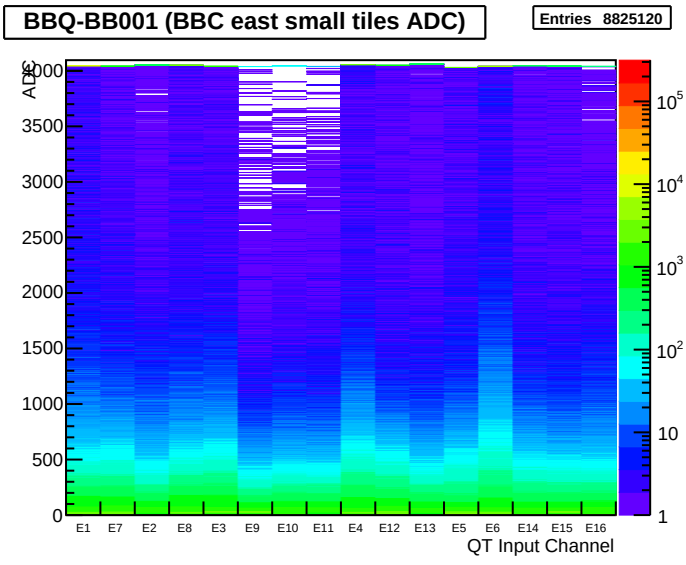

MIX-TF101
Entries 400123
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

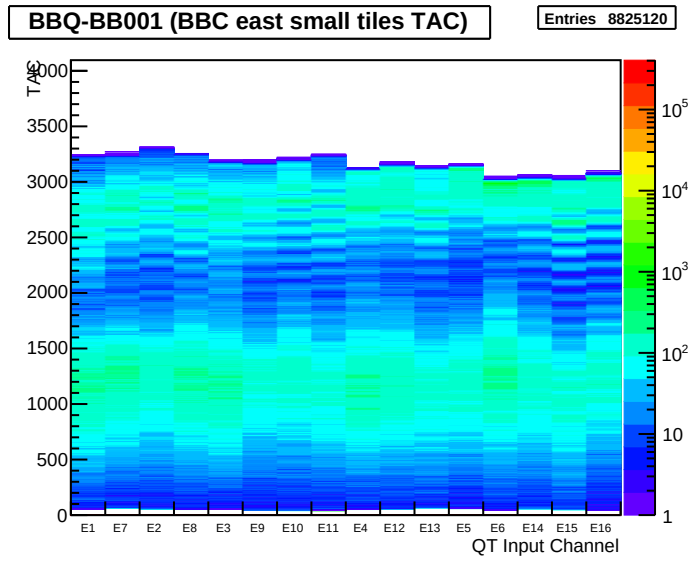

L2-TF201
Entries 551570
TOF total mult

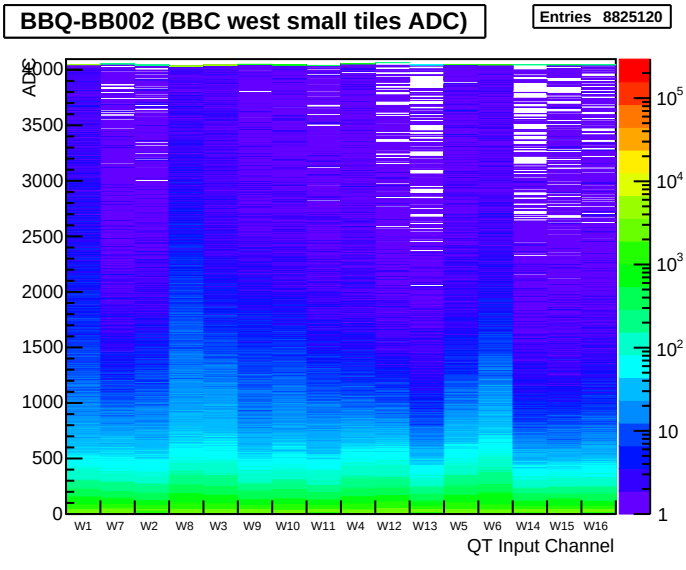

L2-TF201
Entries 0
TOF total mult(Real-Simu)

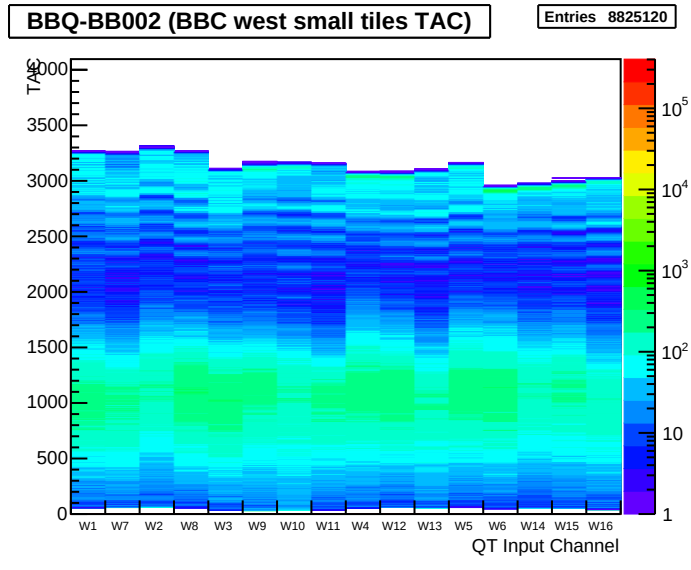

L2-TF201
Entries 3860990
Threshold/UPC bits
481323
485906
480853
486629
482341
479246
524264
70247
65664
70717
64941
69229
72324
27306
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

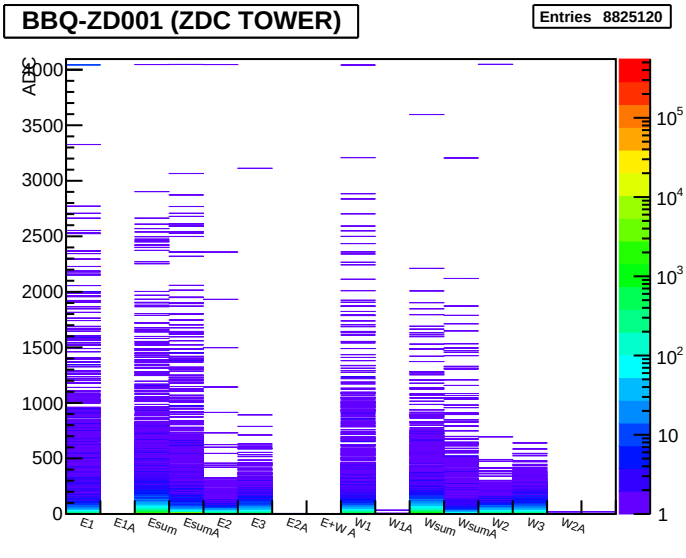

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

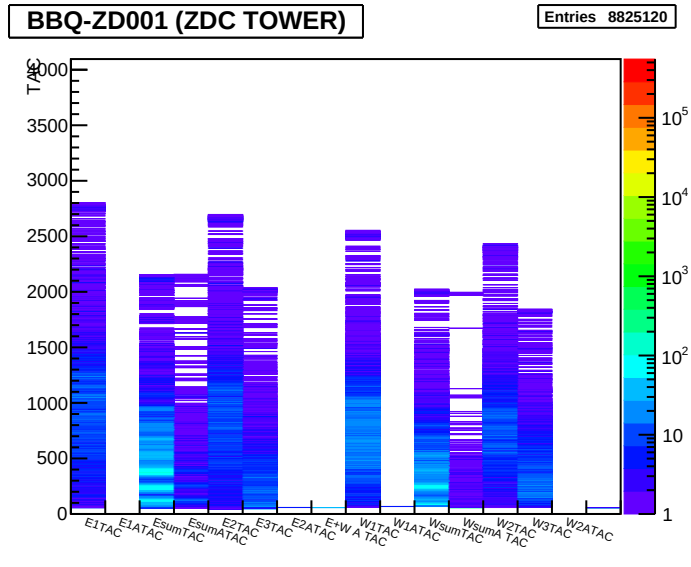

BBQ-BB001 (BBC east small tiles ADC)
Entries 8825120
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

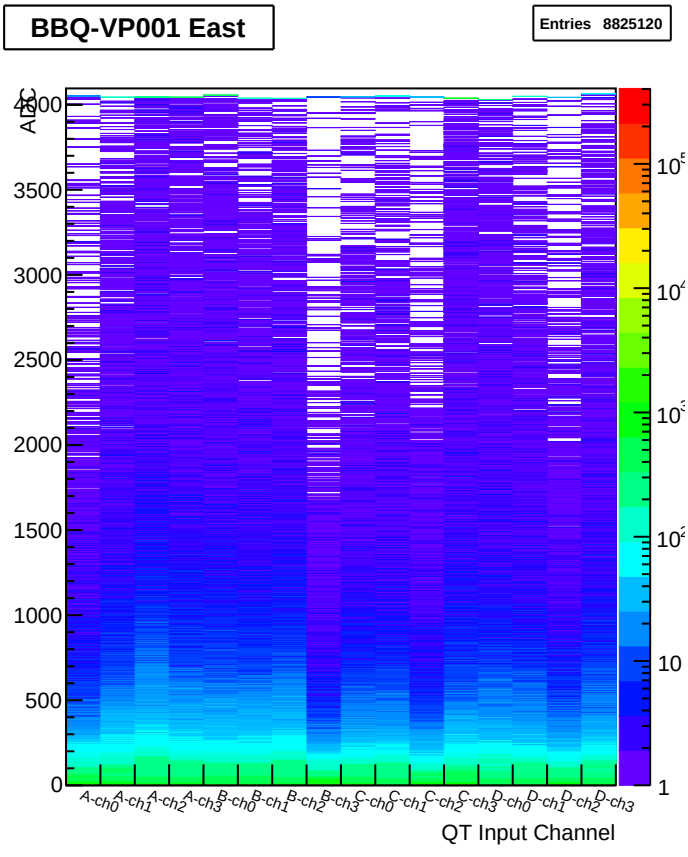

BBQ-BB001 (BBC east small tiles TAC)
Entries 8825120
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

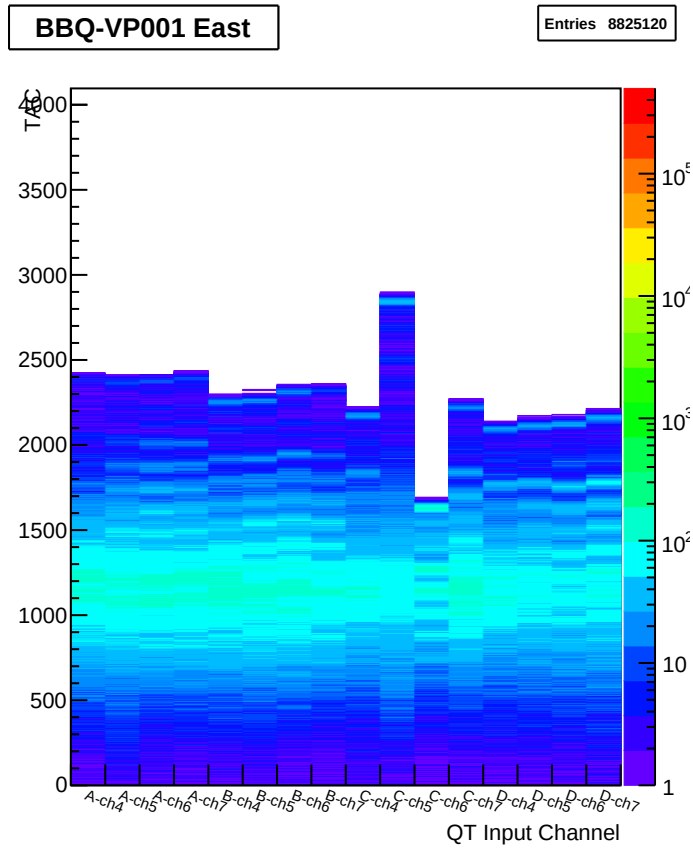

BBQ-BB002 (BBC west small tiles ADC)
Entries 8825120
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

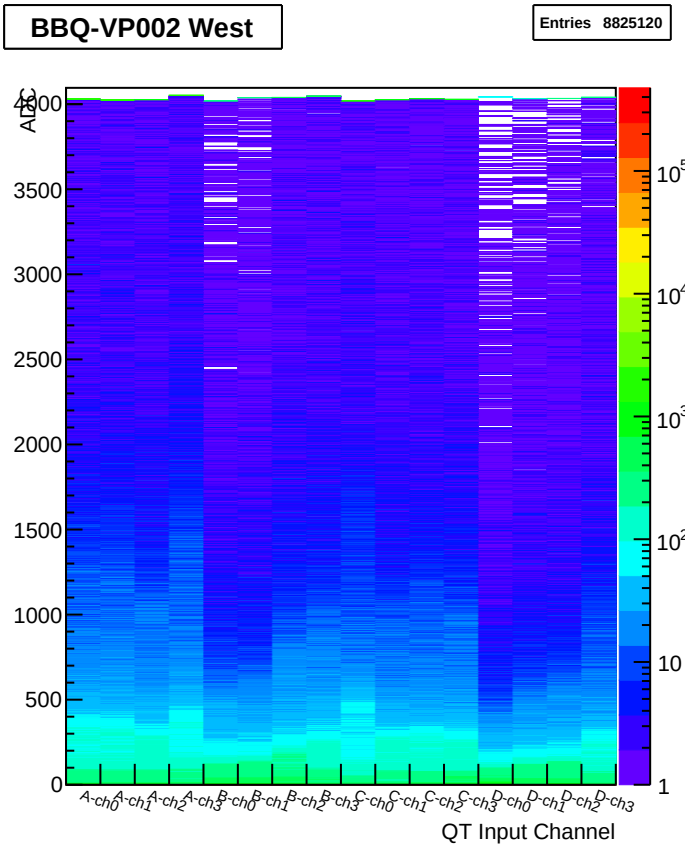

BBQ-BB002 (BBC west small tiles TAC)
Entries 8825120
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

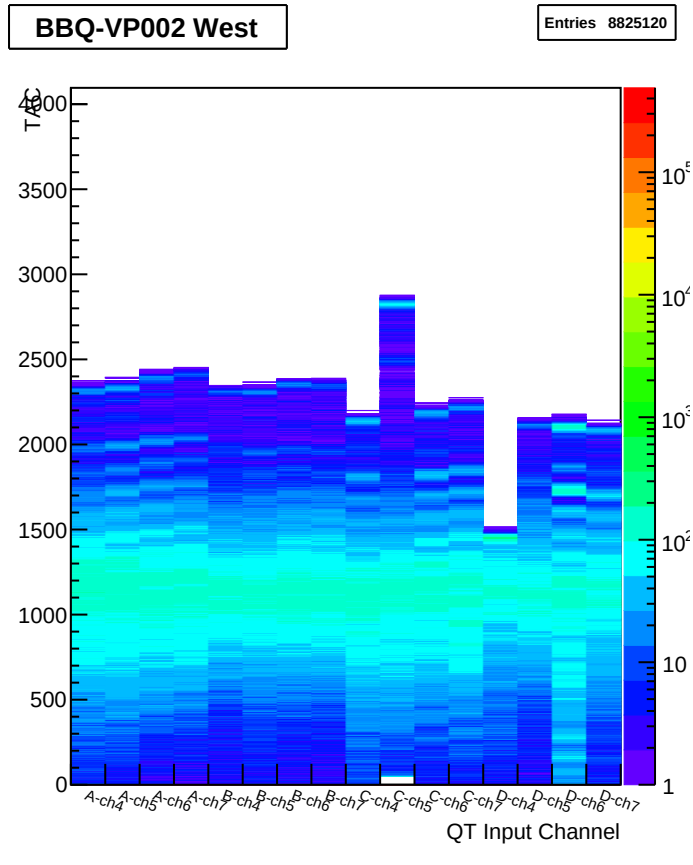

BBQ-ZD001 (ZDC TOWER)
Entries 8825120
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

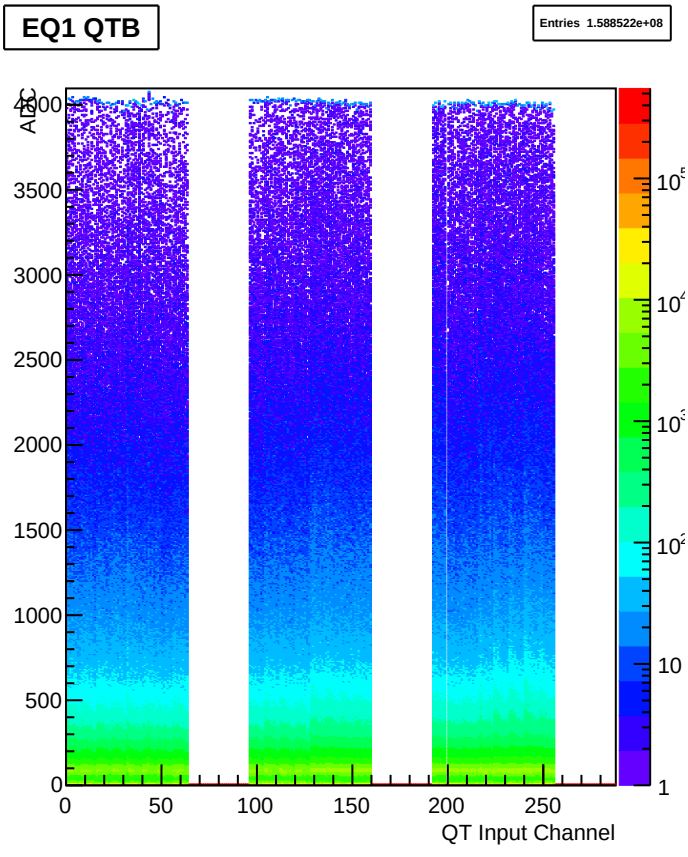

BBQ-ZD001 (ZDC TOWER)
Entries 8825120
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

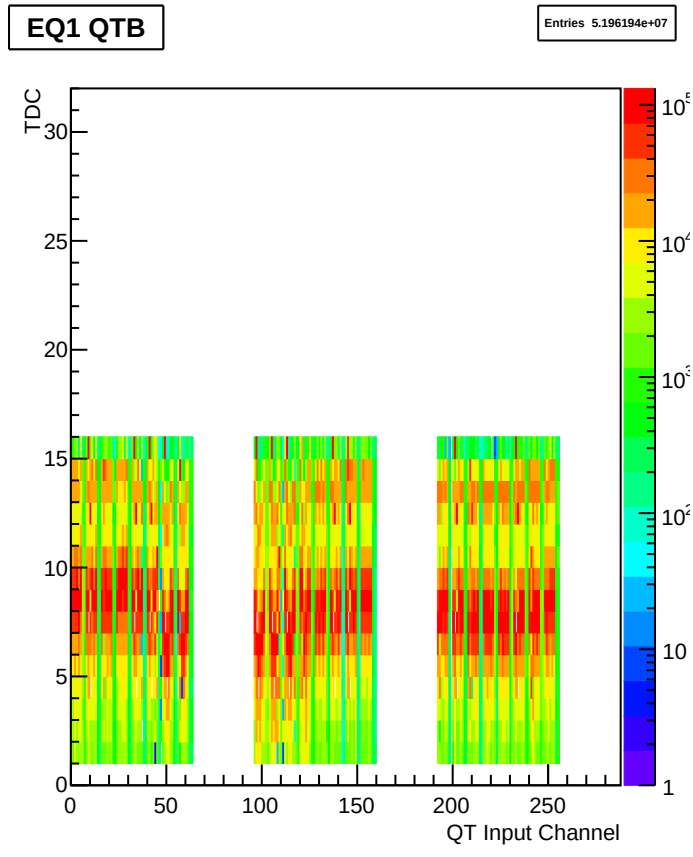

BBQ-VP001 East
Entries 8825120
ADC
QT Input Channel

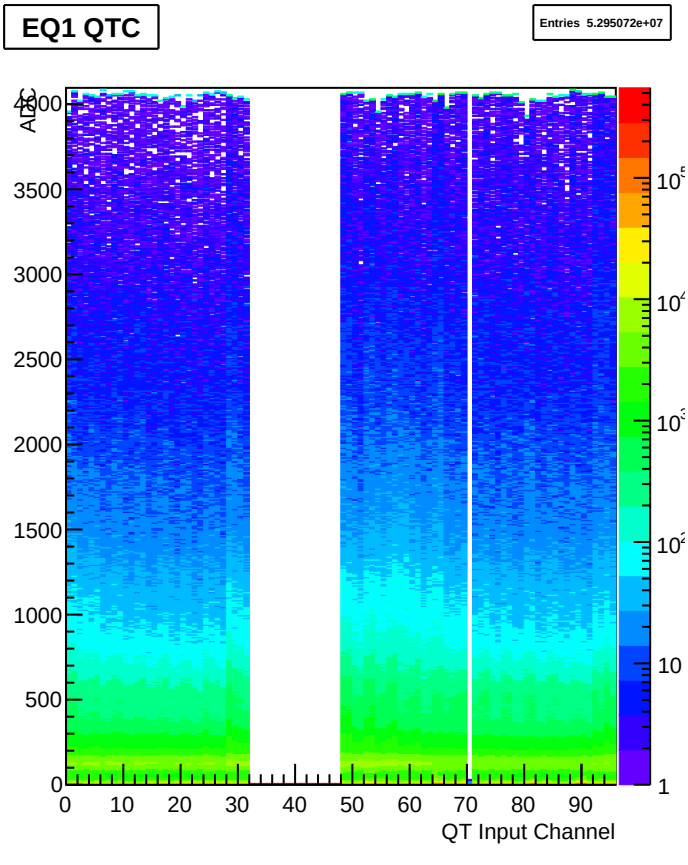

BBQ-VP001 East
Entries 8825120
TADC
QT Input Channel

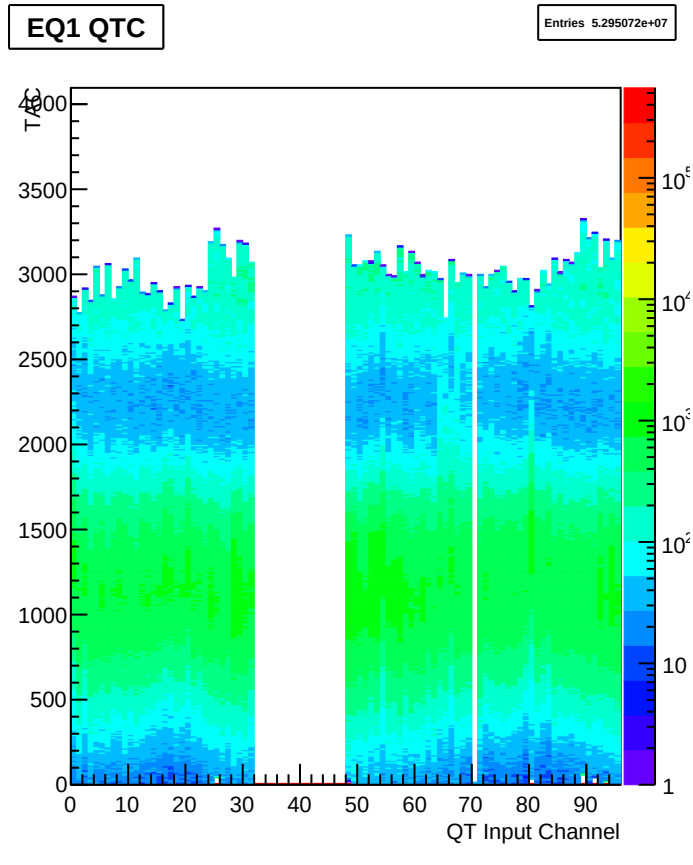

BBQ-VP002 West
Entries 8825120
ADC
QT Input Channel

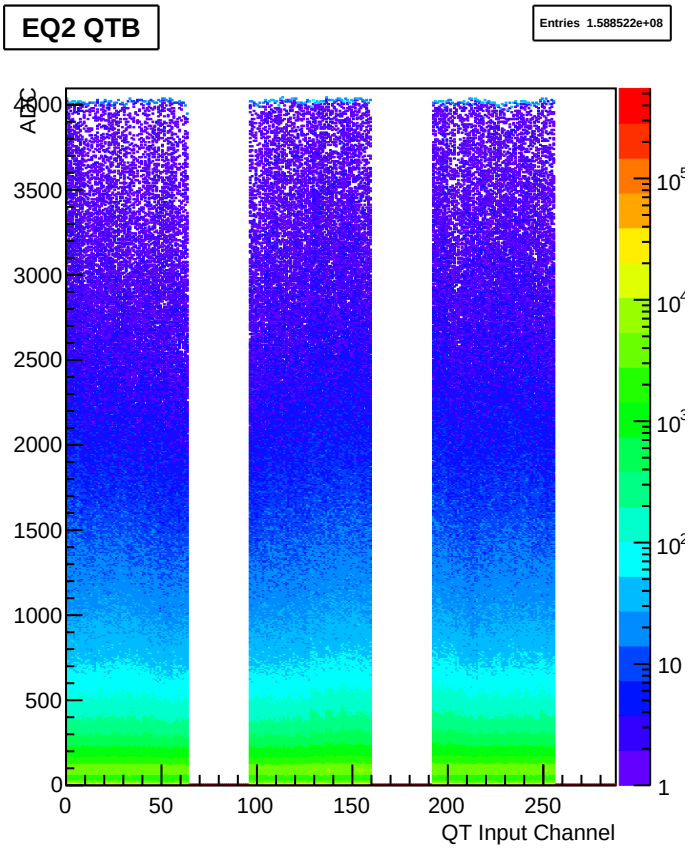

BBQ-VP002 West
Entries 8825120
TADC
QT Input Channel

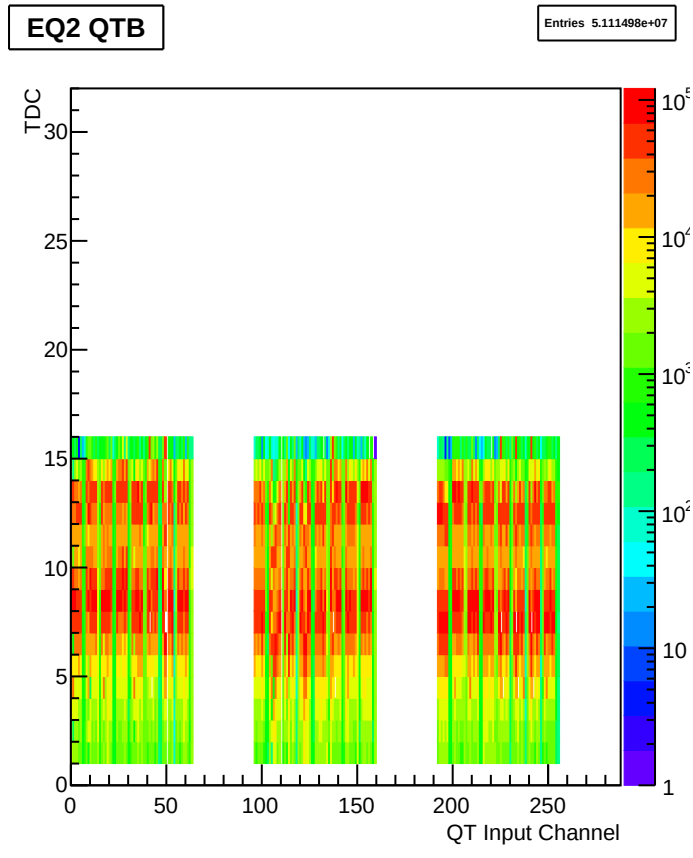

EQ1 QTB
Entries 1.588522e+08
ADC
QT Input Channel

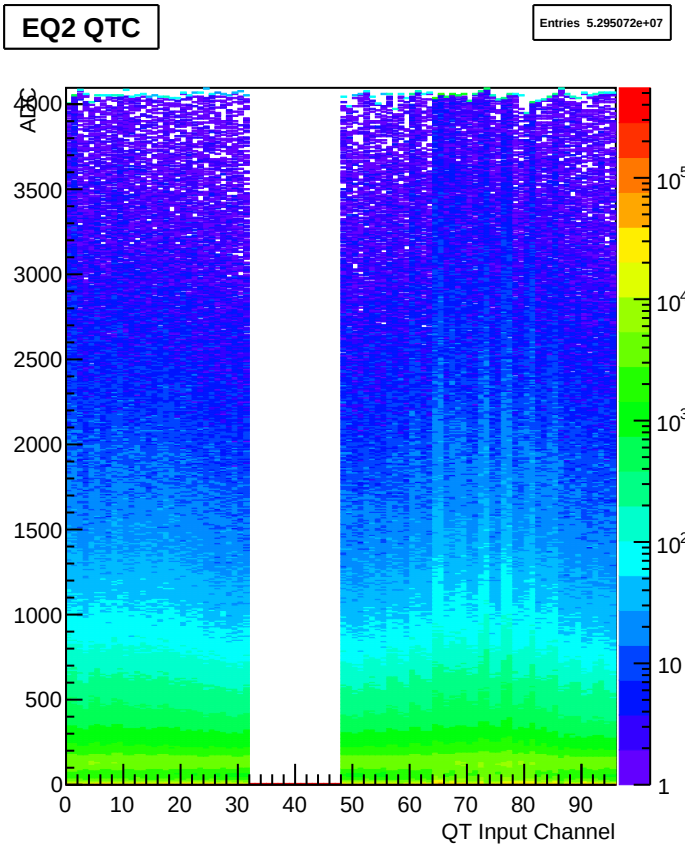

EQ1 QTB
Entries 5.196194e+07
TDC
QT Input Channel

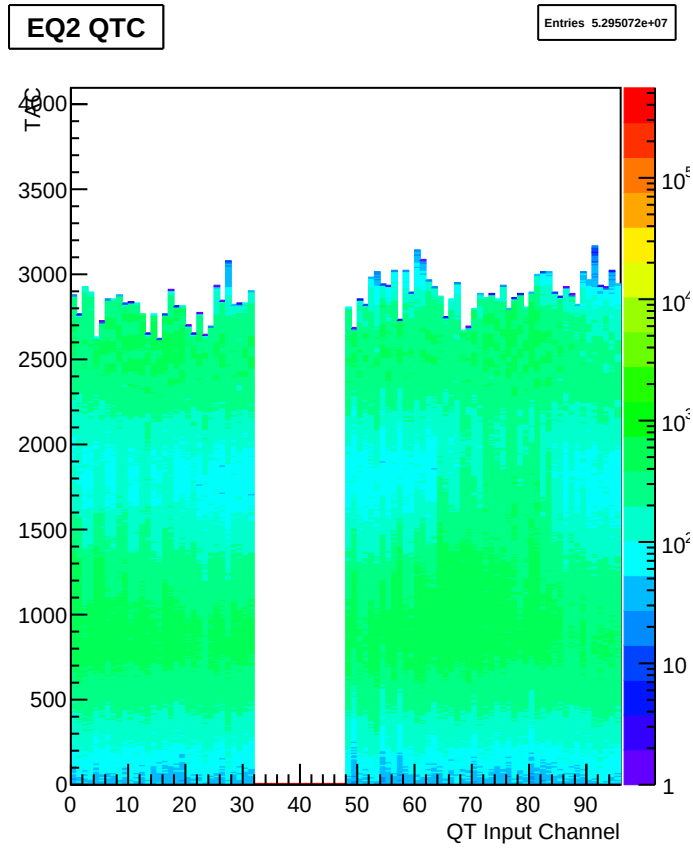

EQ1 QTC
Entries 5.295072e+07
ADC
QT Input Channel

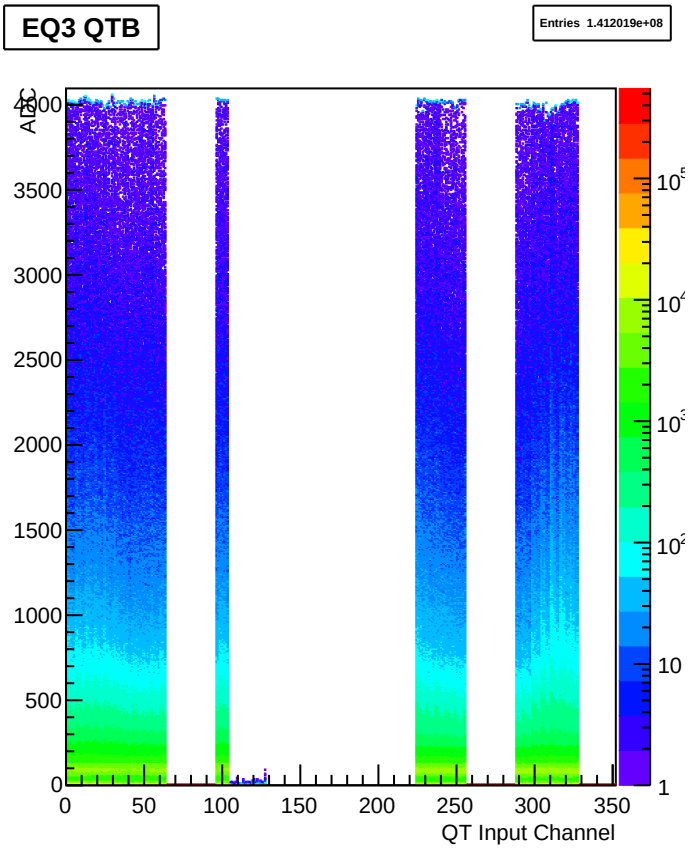

EQ1 QTC
Entries 5.295072e+07
TADC
QT Input Channel

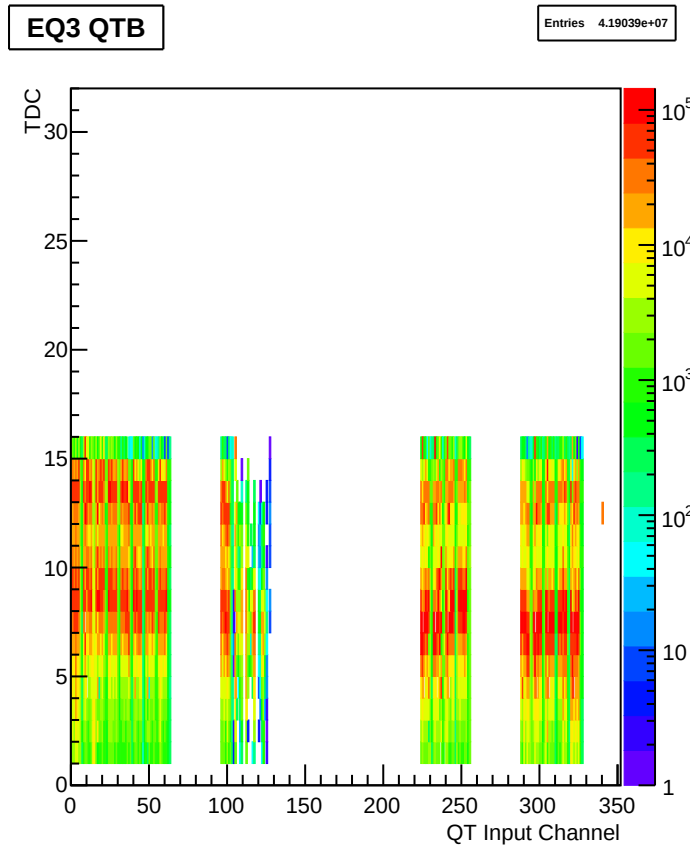

EQ2 QTB
Entries 1.588522e+08
ADC
QT Input Channel

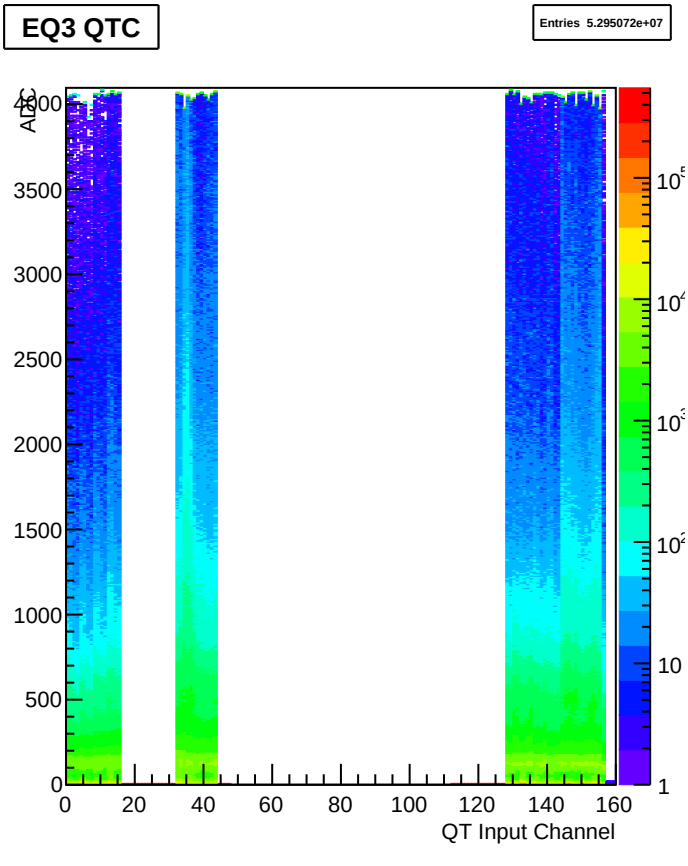

EQ2 QTB
Entries 5.111498e+07
TDC
QT Input Channel

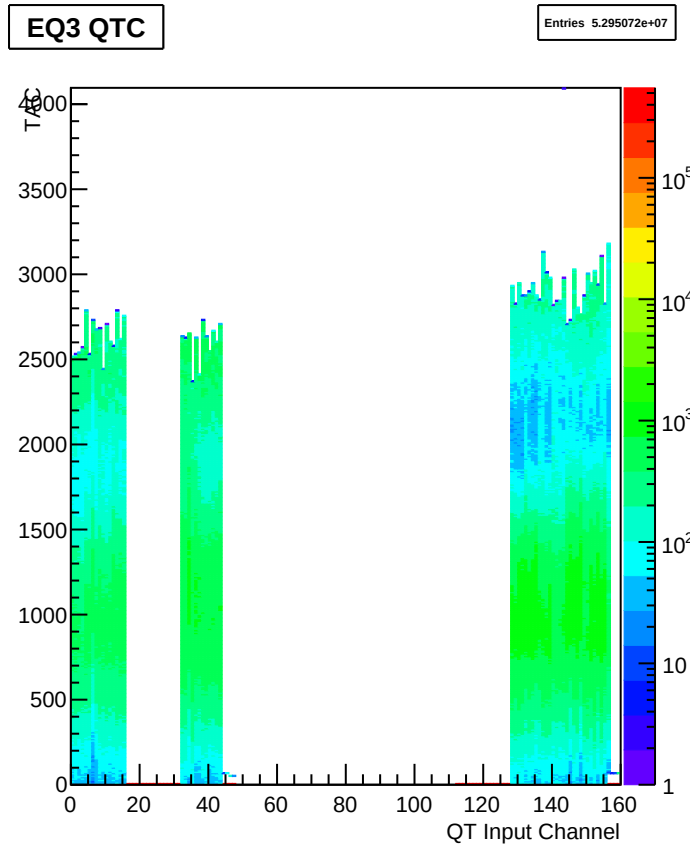

EQ2 QTC
Entries 5.295072e+07
ADC
QT Input Channel

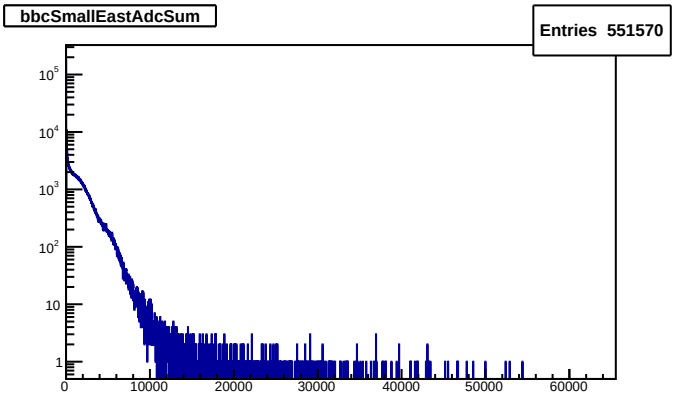

EQ2 QTC
Entries 5.295072e+07
TADC
QT Input Channel

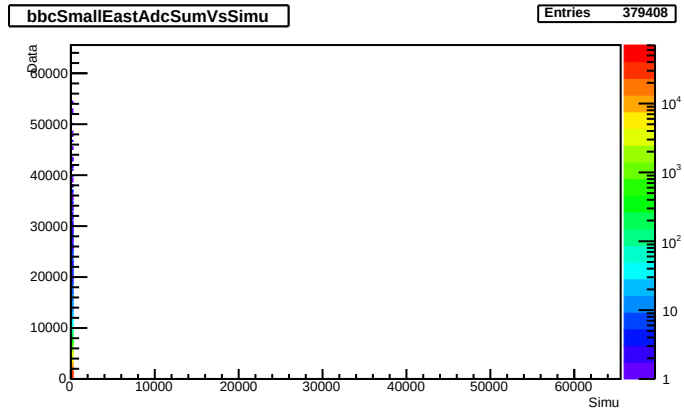

EQ3 QTB
Entries 1.412019e+08
ADC
QT Input Channel

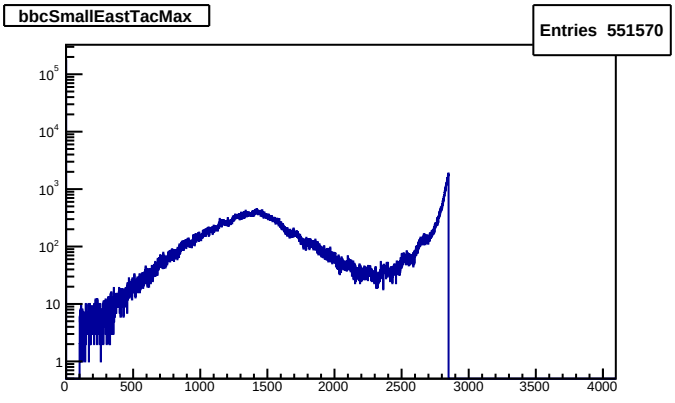

EQ3 QTB
Entries 4.19039e+07
TDC
QT Input Channel

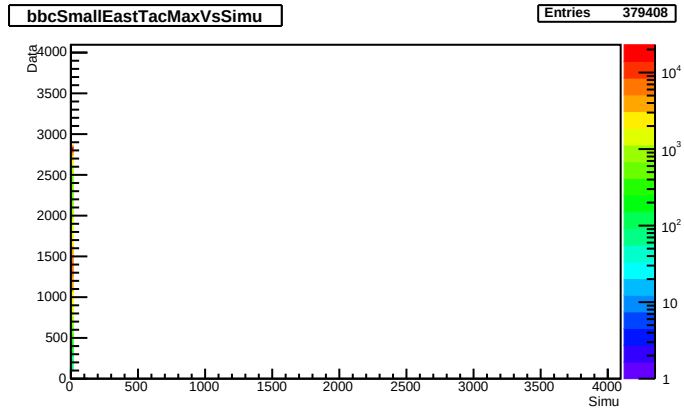

EQ3 QTC
Entries 5.295072e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.295072e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 551570


bbcSmallEastAdcSumVsSimu
Entries 379408
Data
Simu


bbcSmallEastTacMax
Entries 551570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Entries 379408
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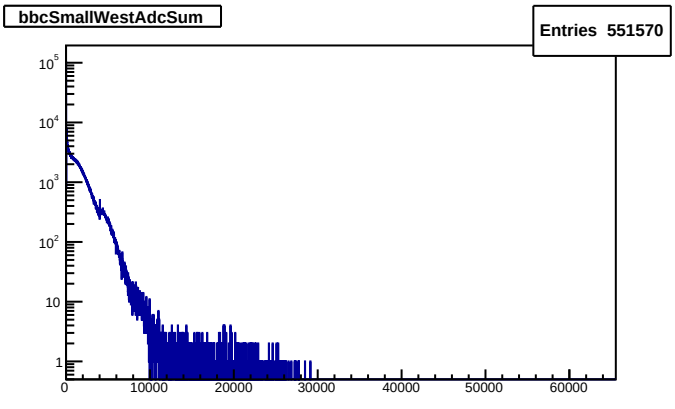
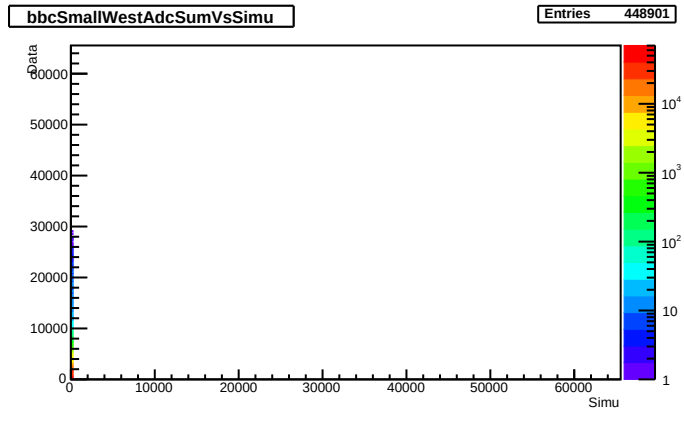

bbcSmallWestAdcSum
Entries 551570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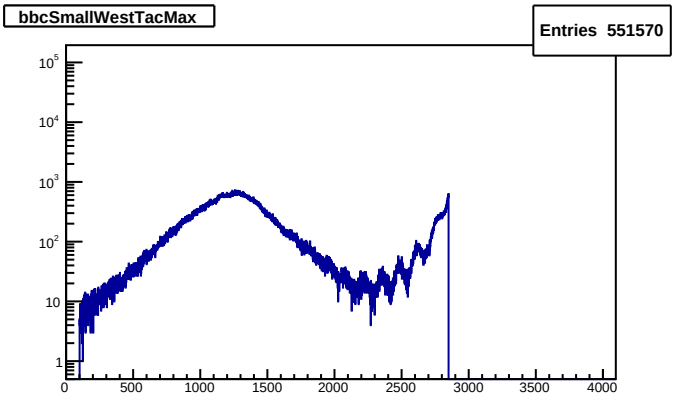
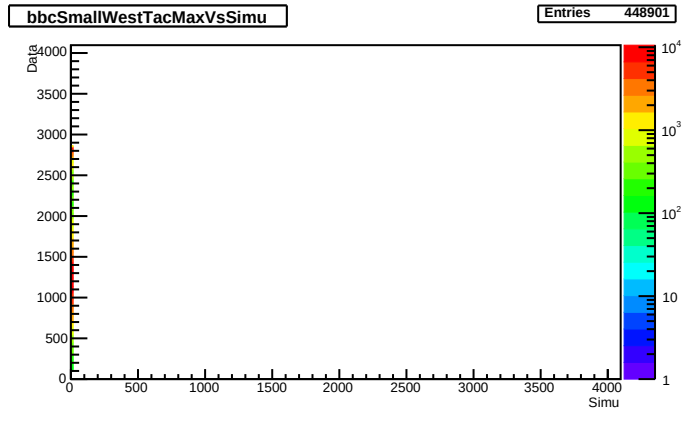
Entries 448901
Data
Simu


bbcSmallWestTacMax
Entries 551570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Entries 448901
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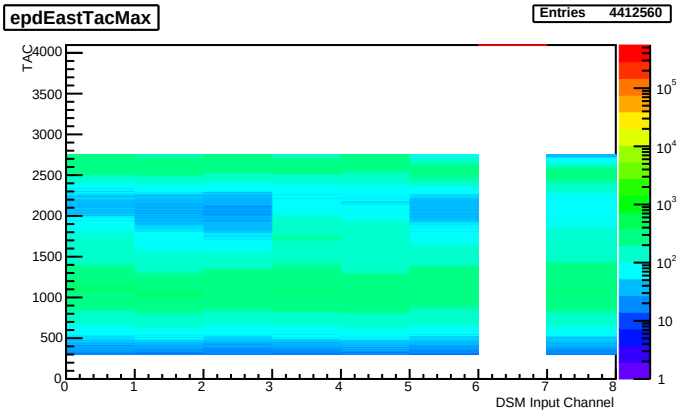
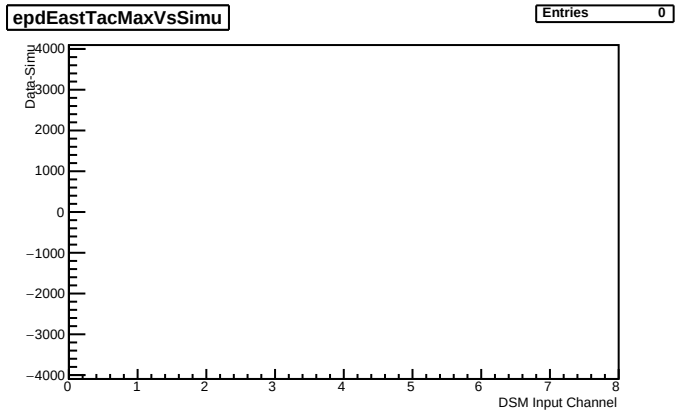
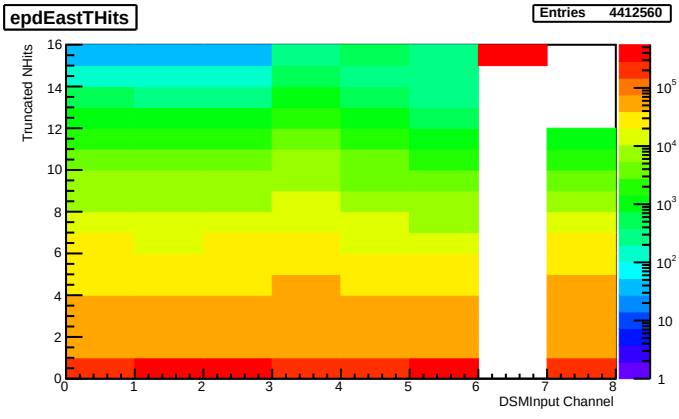
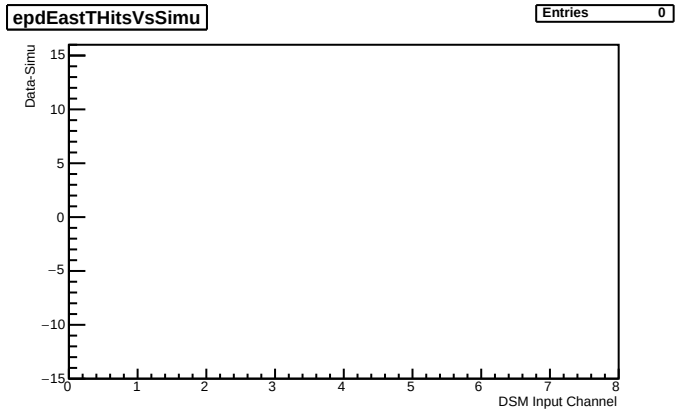
Simu


epdEastTacMax
Entries 4412560
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4412560
Truncated NHits
DSMInput Channel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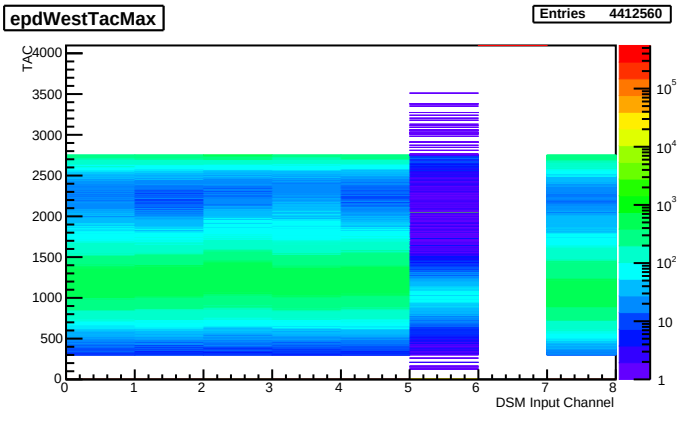
Data-Simu
DSM Input Channel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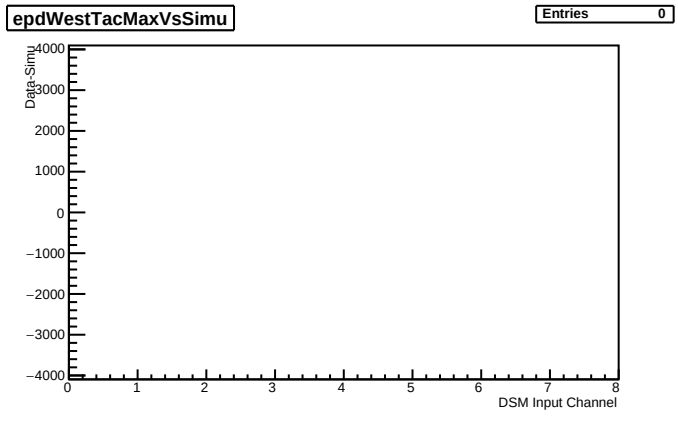
DSM Input Channel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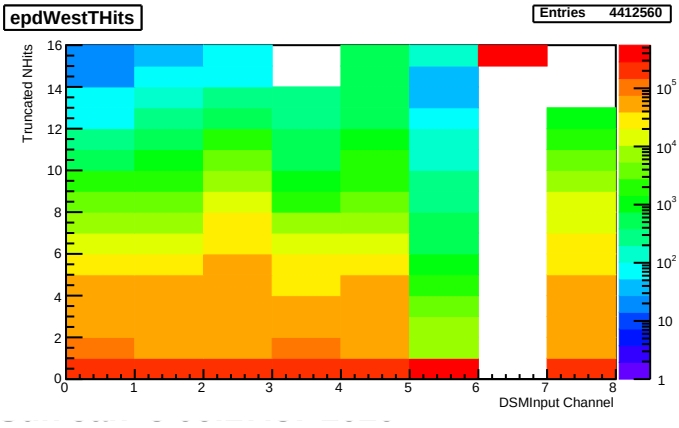
Entries 0
Data-Simu
DSM Input Channel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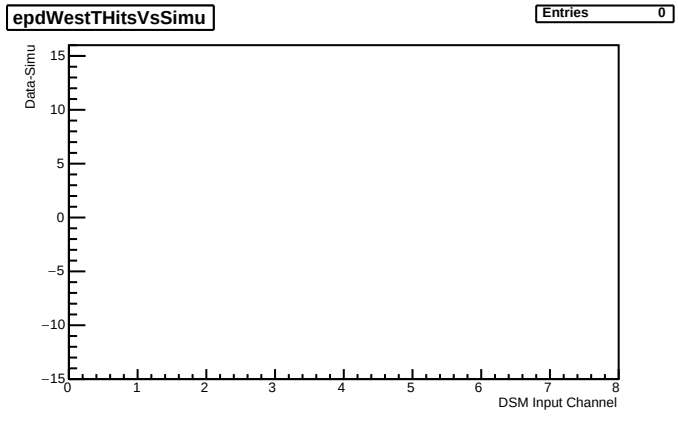
Entries 4412560
Truncated NHits
DSMInput Channel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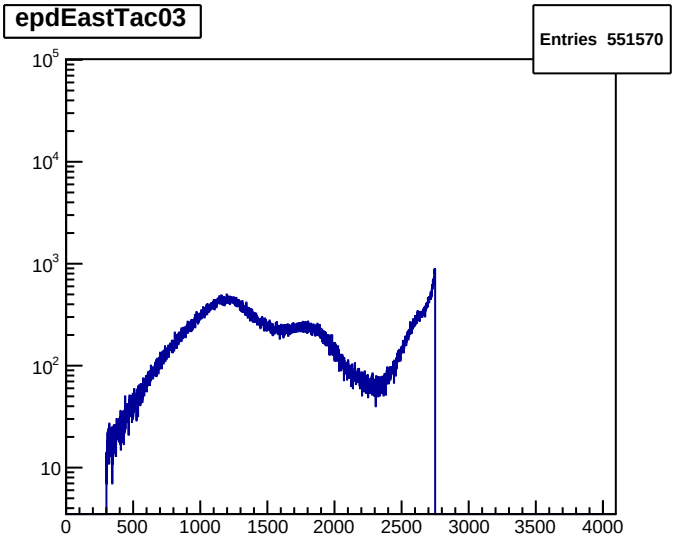
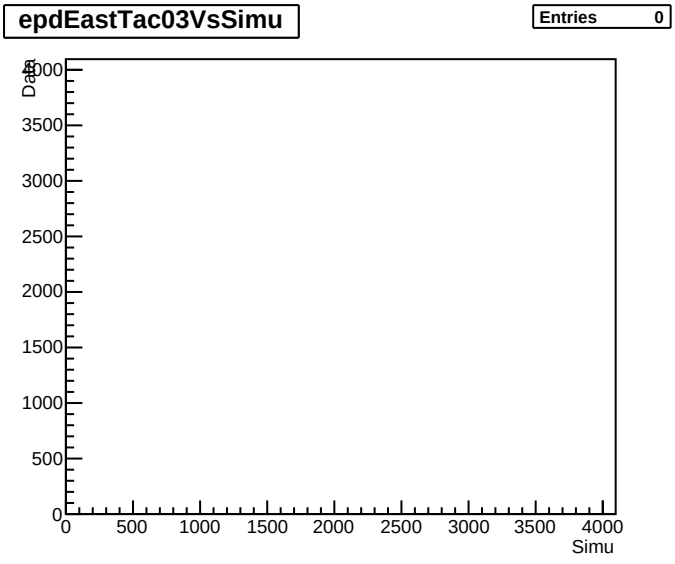
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 551570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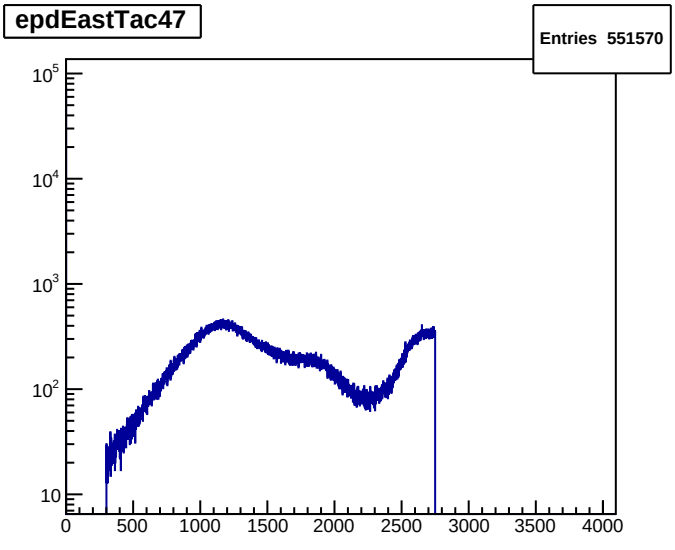
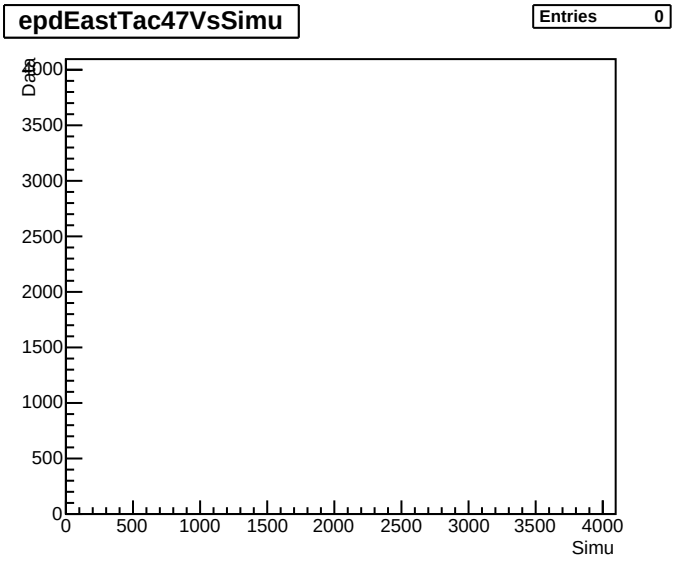
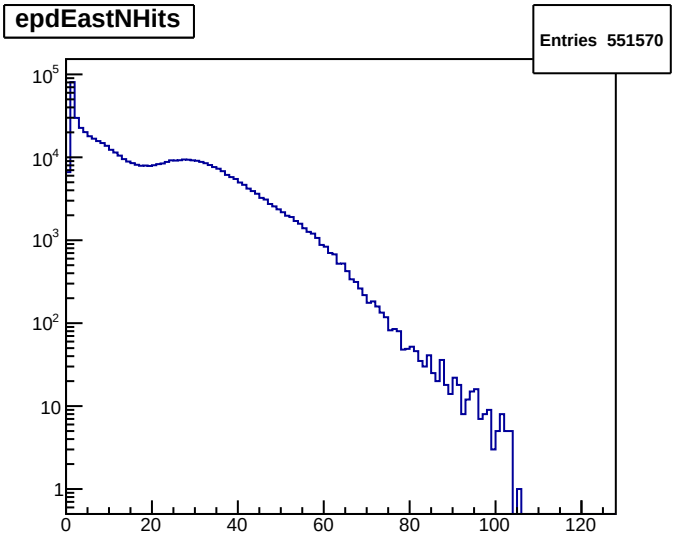
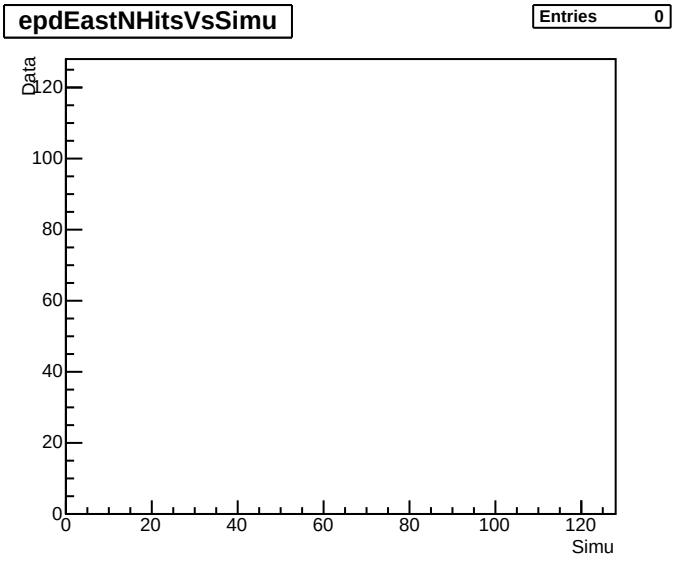
Entries 0
Data
Simu


epdEastTac47
Entries 551570


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 551570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Data
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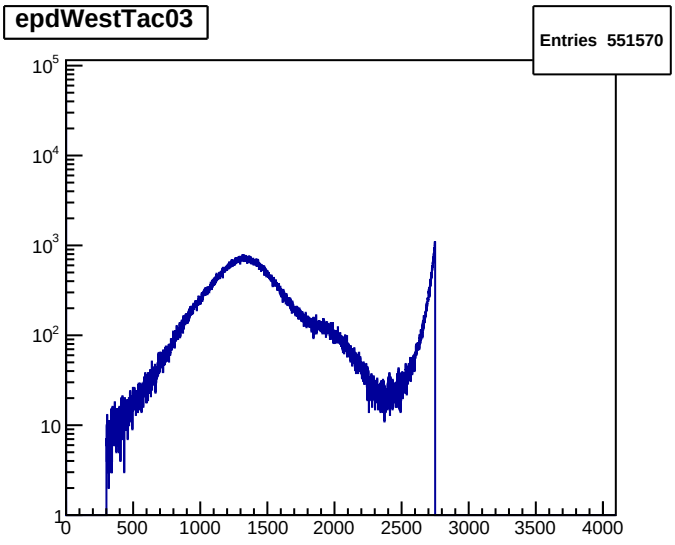
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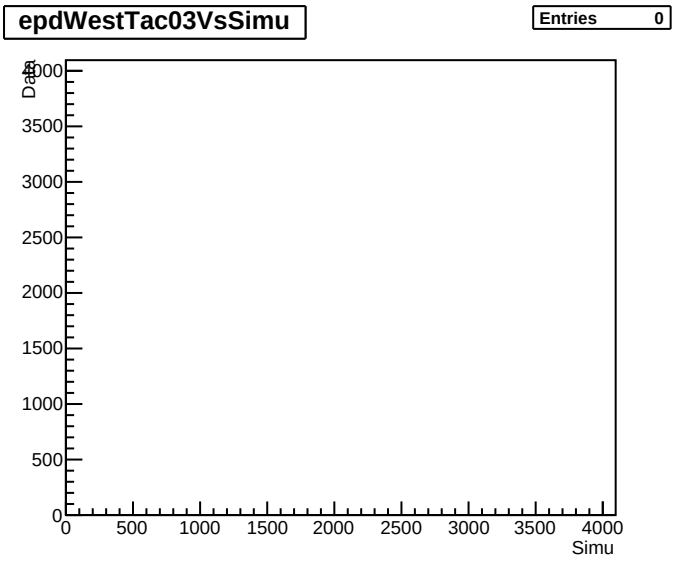
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Entries 0
Data
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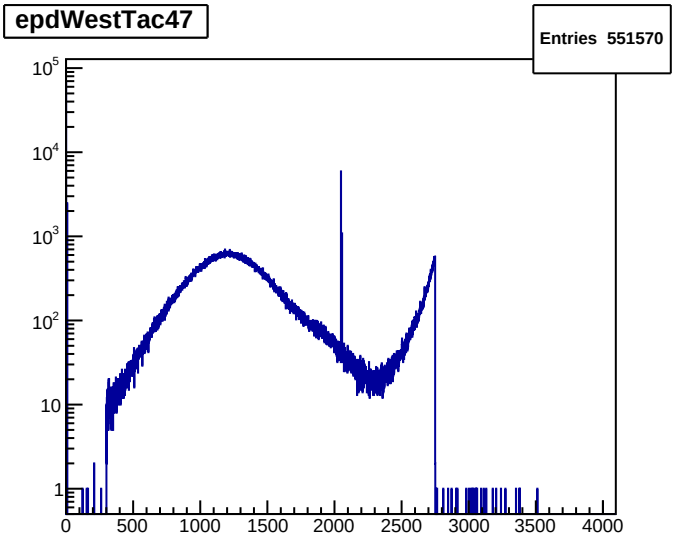
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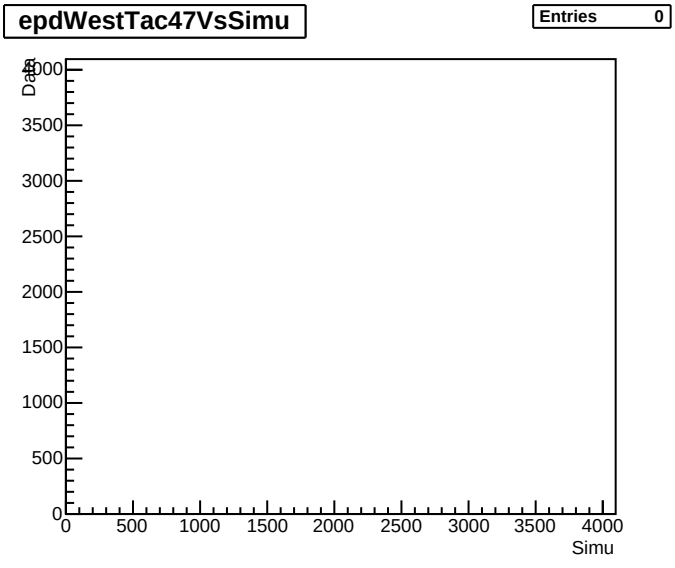
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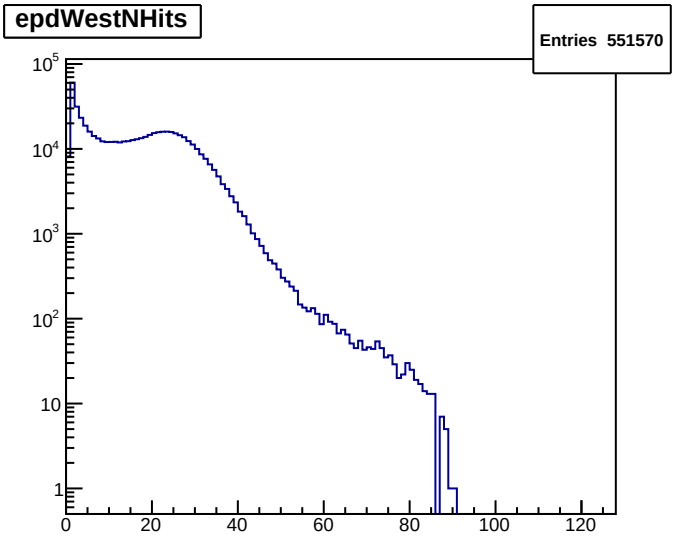
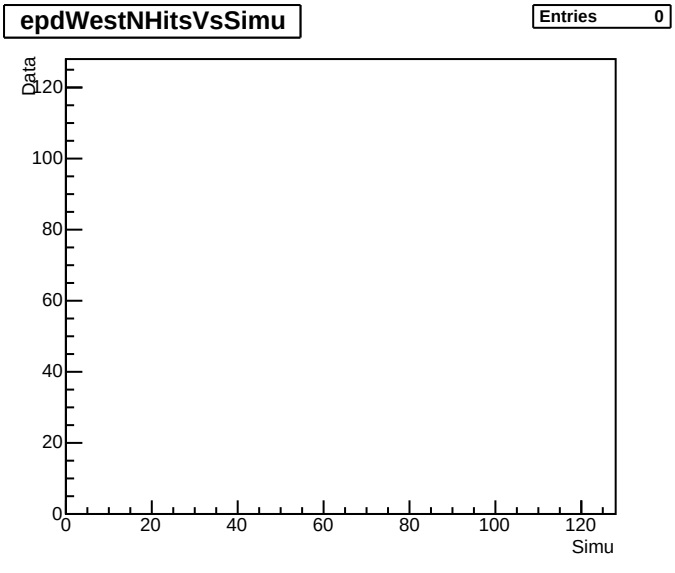
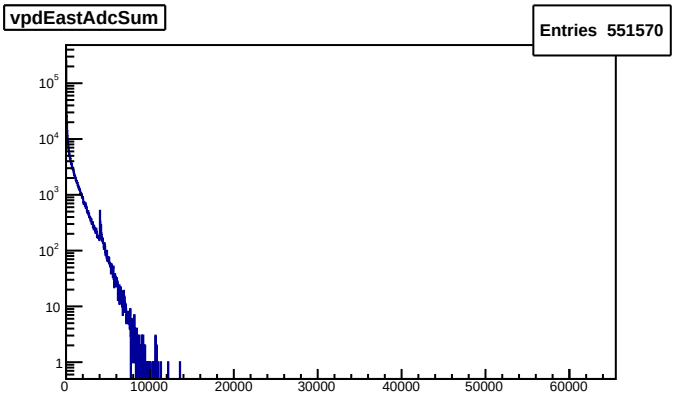
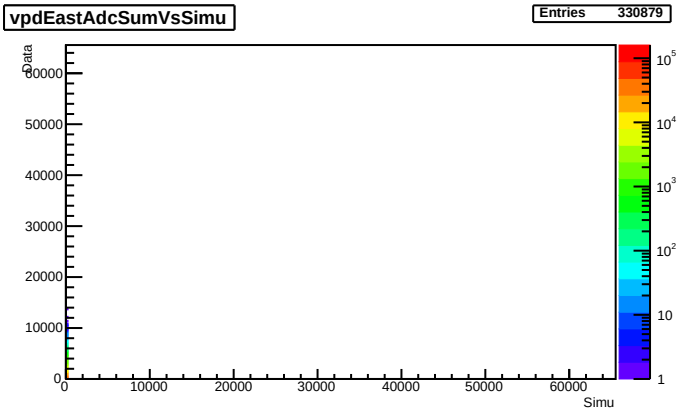
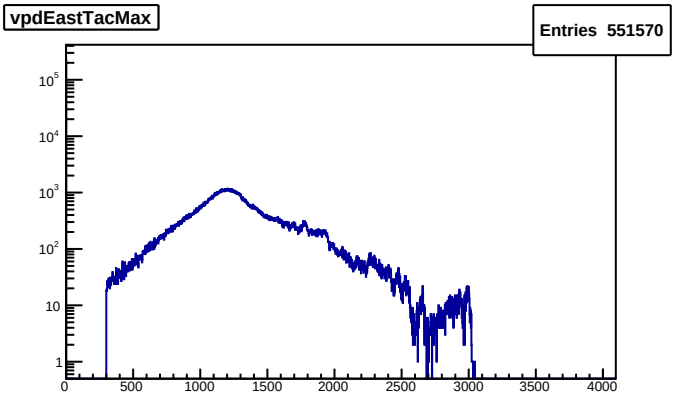
Entries 0
Data
Simu

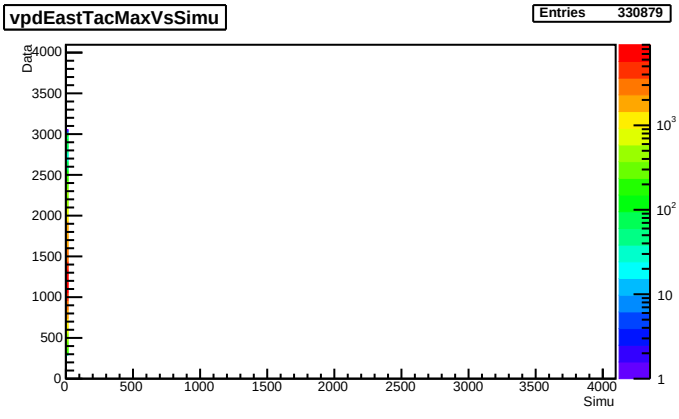

epdWestNHits
Entries 551570

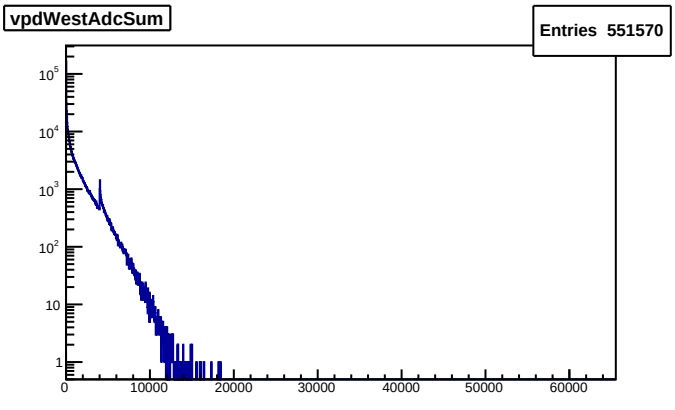

epdWestNHitsVsSimu
Entries 0
Data
Simu

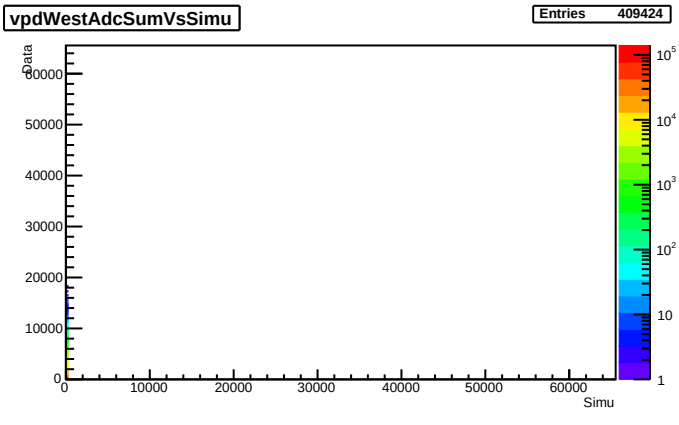

vpdEastAdcSum
Entries 551570

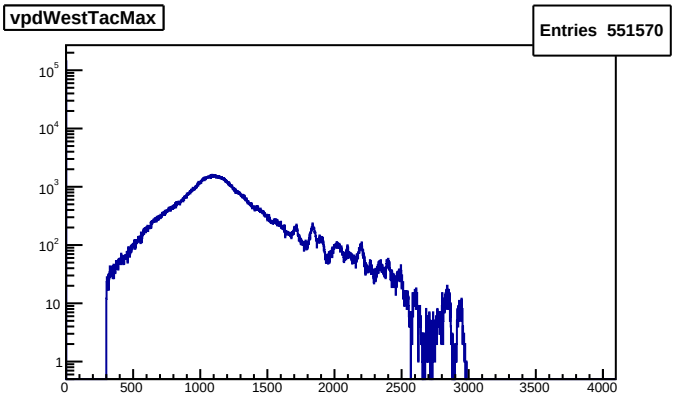

vpdEastAdcSumVsSimu
Entries 330879
Data
Simu

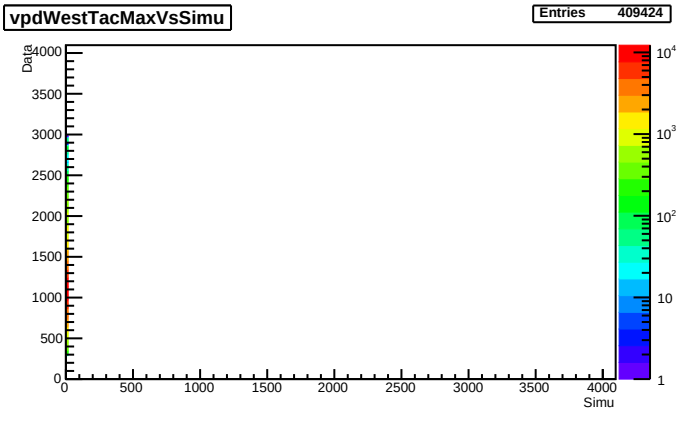

vpdEastTacMax
Entries 551570

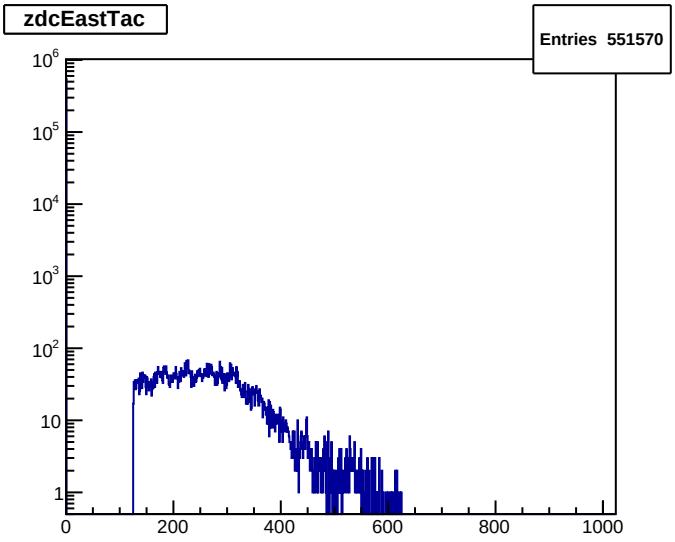

vpdEastTacMaxVsSimu
Entries 330879
Data
Simu

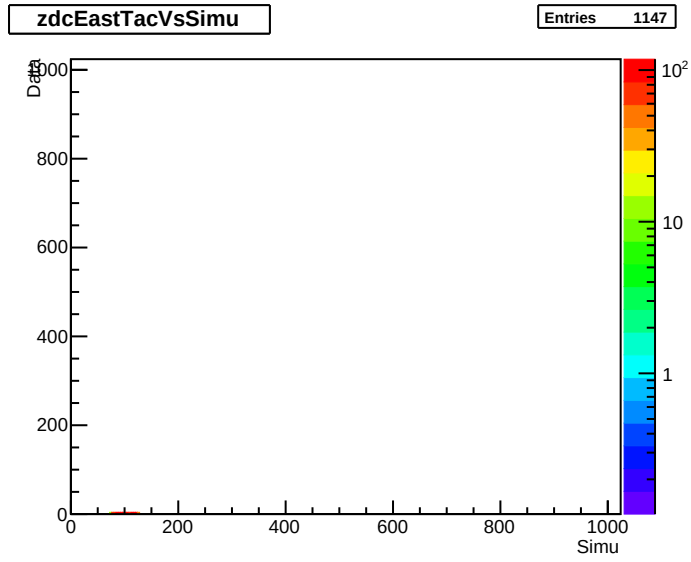

vpdWestAdcSum
Entries 551570

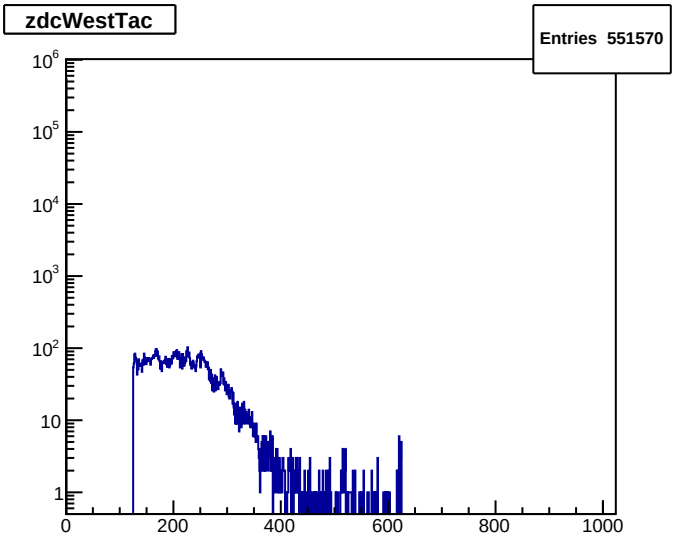

vpdWestAdcSumVsSimu
Entries 409424
Data
Simu

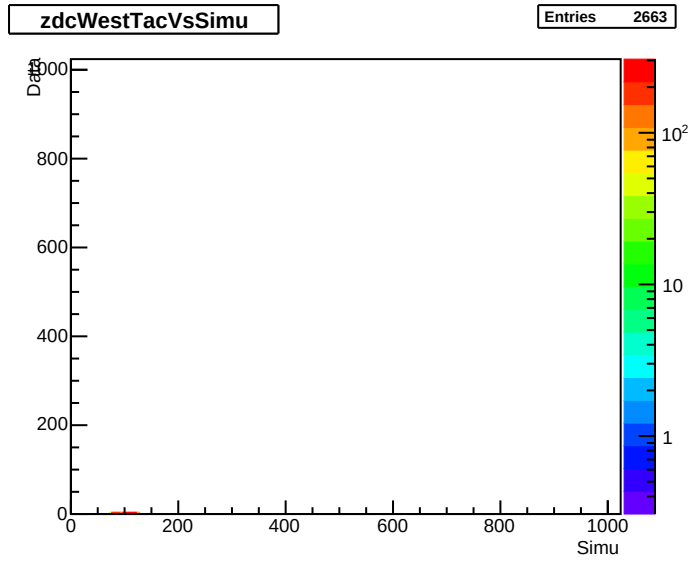

vpdWestTacMax
Entries 551570

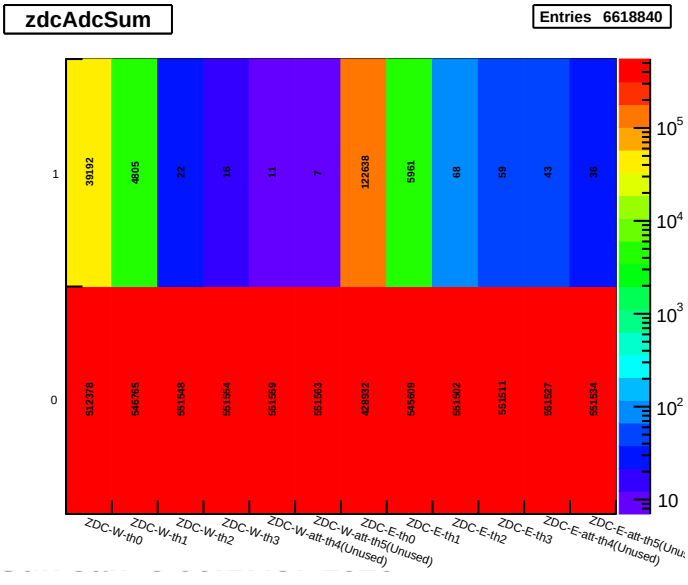

vpdWestTacMaxVsSimu
Entries 409424
Data
Simu

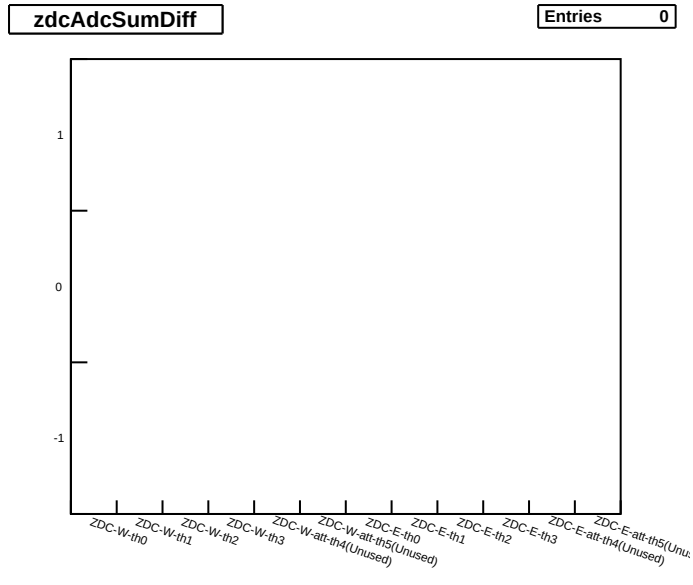

zdcEastTac
Entries 551570

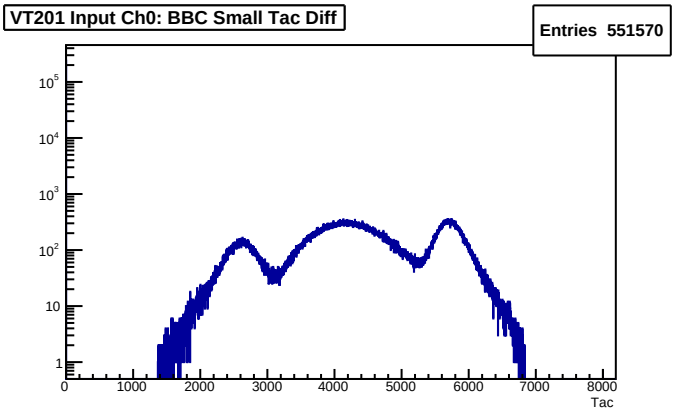

zdcEastTacVsSimu
Entries 1147
Data
Simu

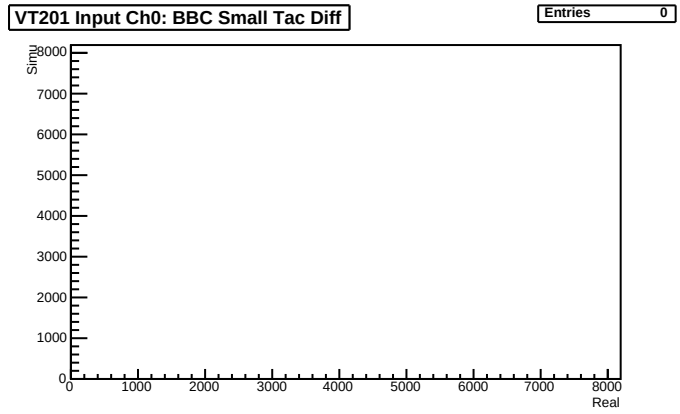

zdcWestTac
Entries 551570

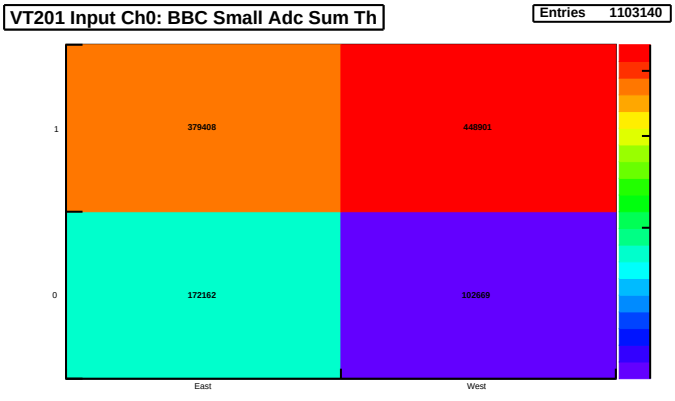

zdcWestTacVsSimu
Entries 2663
Data
Simu

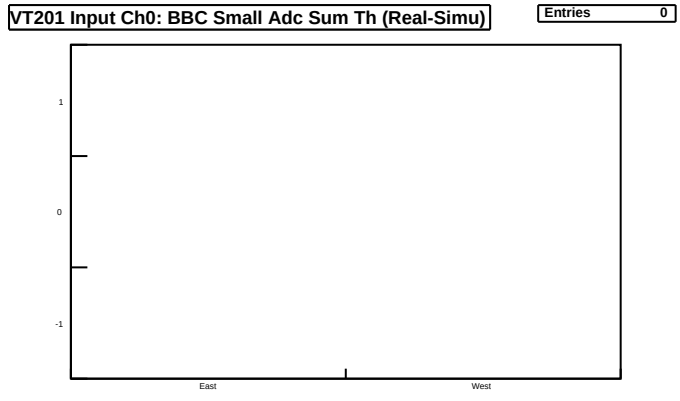

zdcAdcSum
Entries 6618840
39192
4805
22
16
11
7
122638
5961
68
59
43
36
512378
546765
551548
551554
551559
551563
428832
545609
551502
551511
551527
551534
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

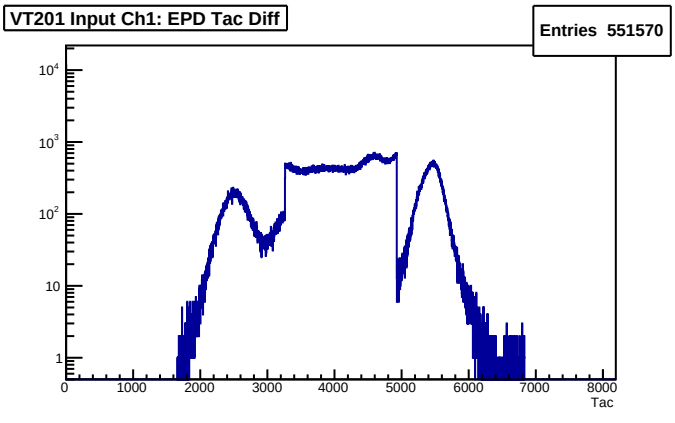

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

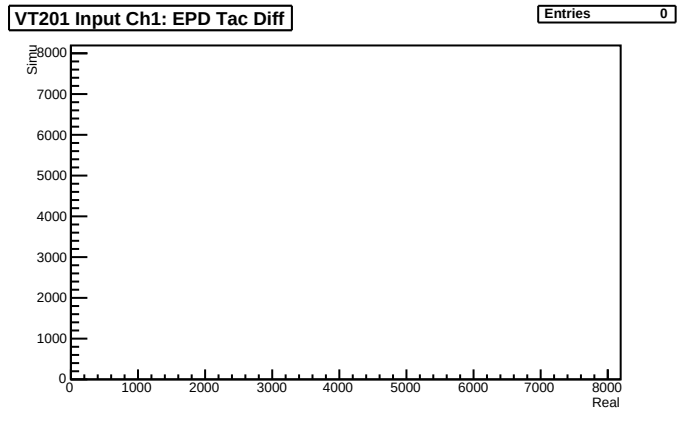

VT201 Input Ch0: BBC Small Tac Diff
Entries 551570
Tac

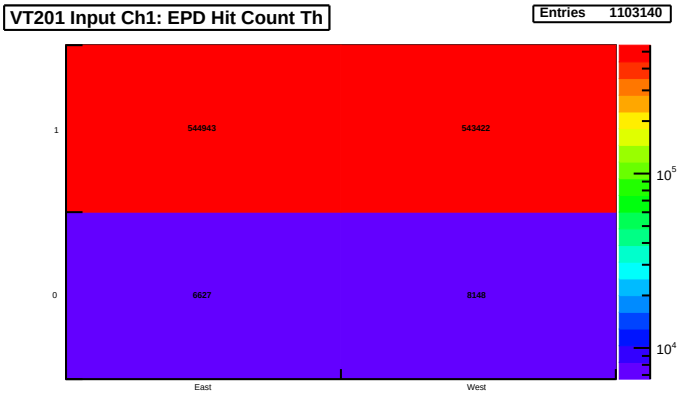

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

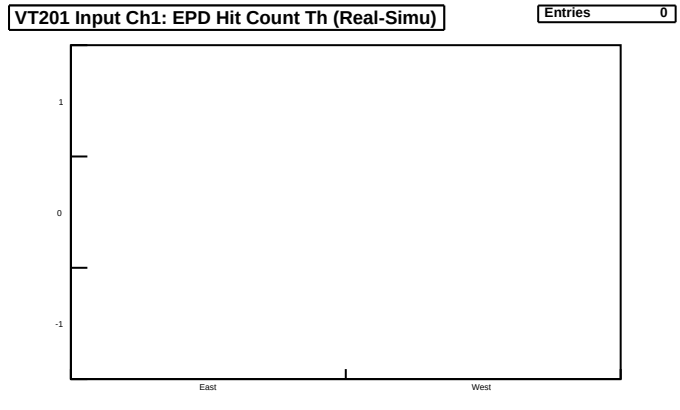

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1103140
379408
448901
172162
102669
East
West

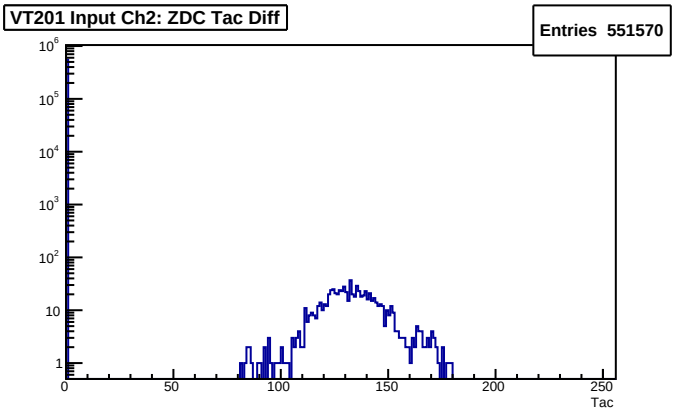

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

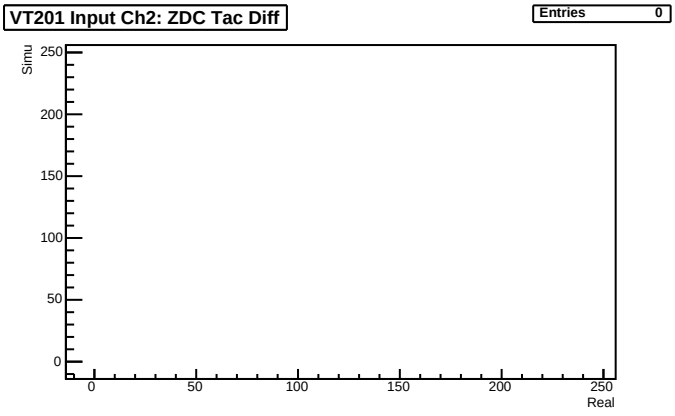

VT201 Input Ch1: EPD Tac Diff
Entries 551570
Tac

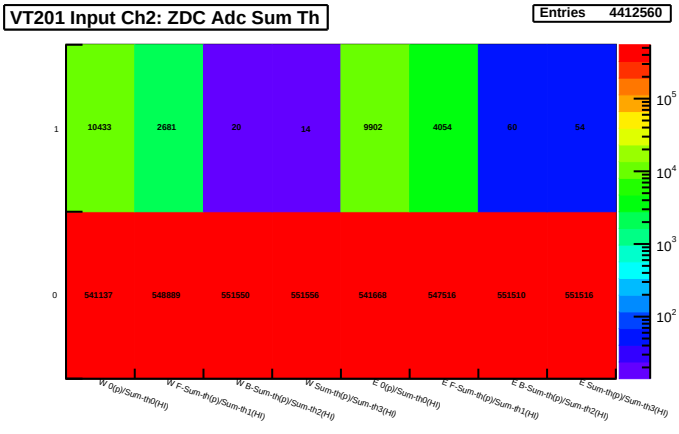

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

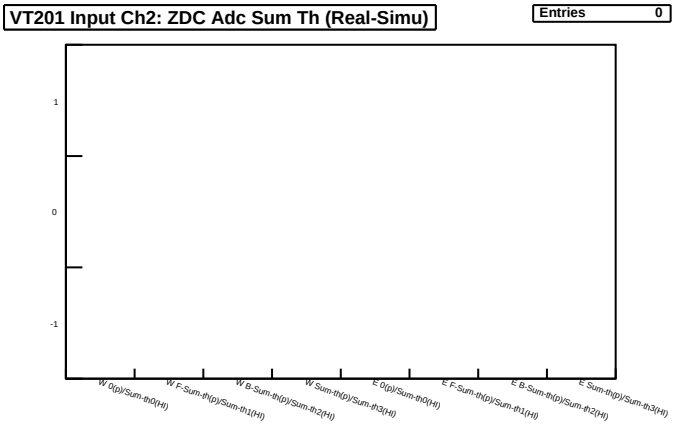

VT201 Input Ch1: EPD Hit Count Th
Entries 1103140
544943
543422
6627
8148
East
West

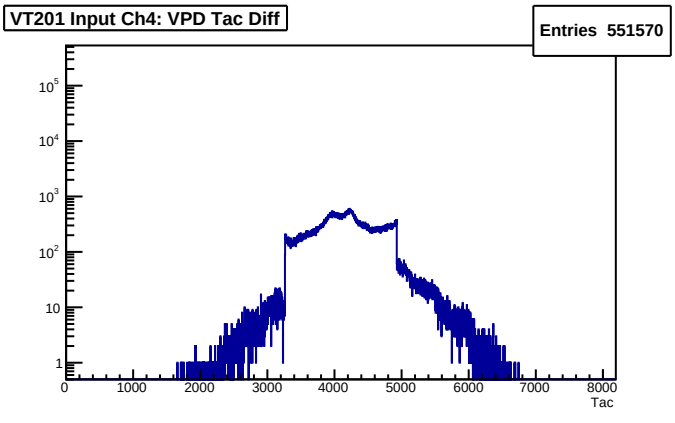

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

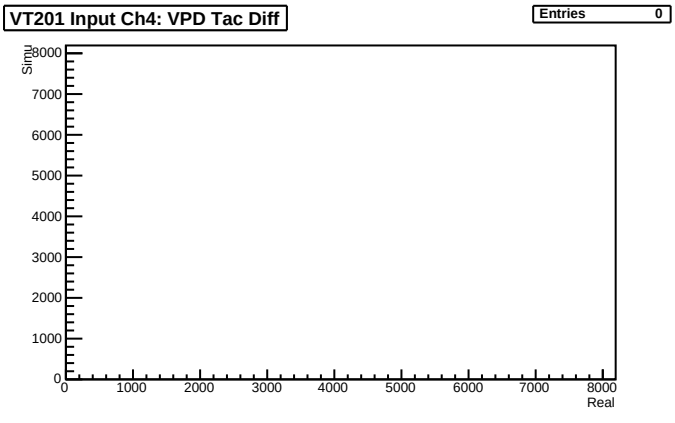

VT201 Input Ch2: ZDC Tac Diff
Entries 551570
Tac

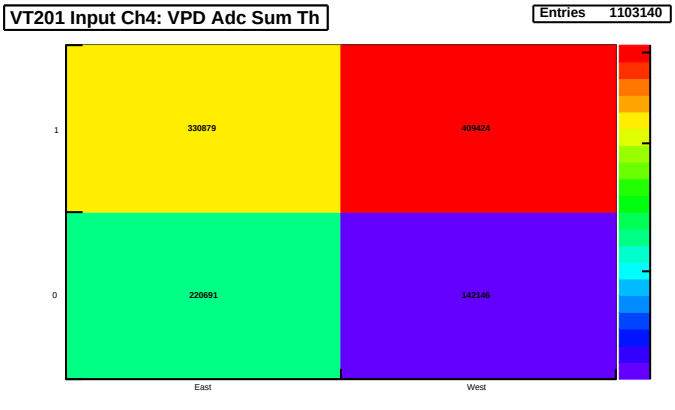

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

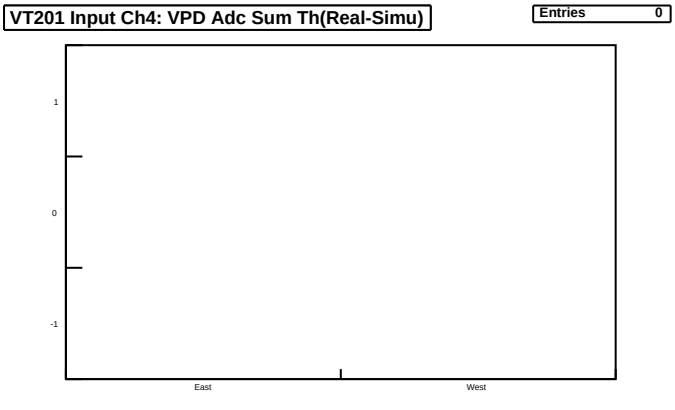

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4412560
10433
2681
20
14
9902
4054
60
54
541137
548889
551550
551556
541668
547516
551510
551516
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

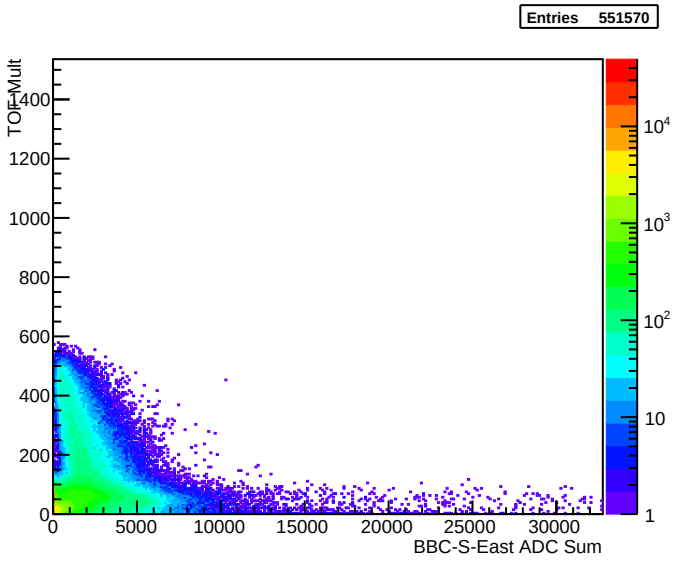

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

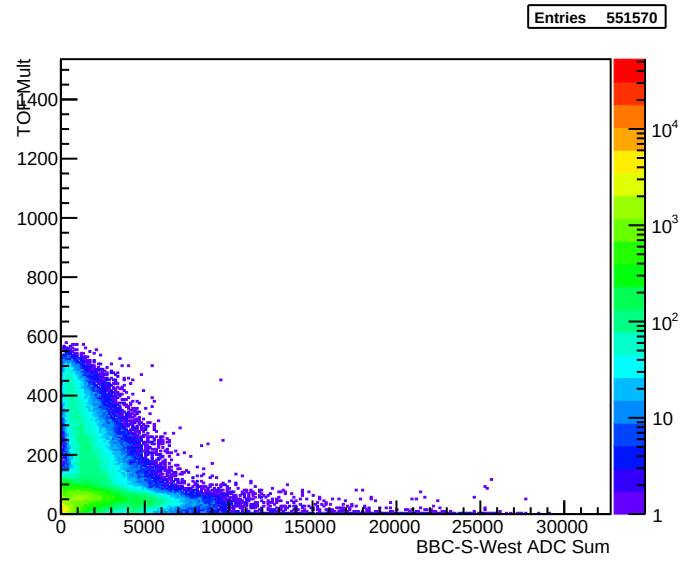

VT201 Input Ch4: VPD Tac Diff
Entries 551570
Tac

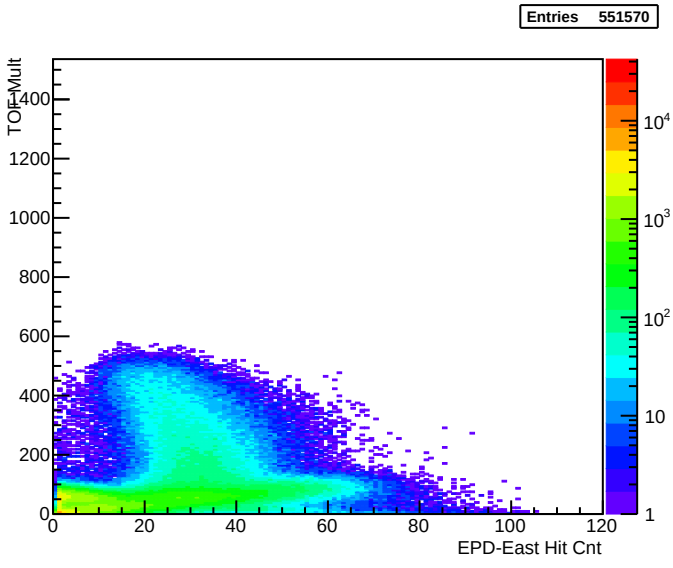

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

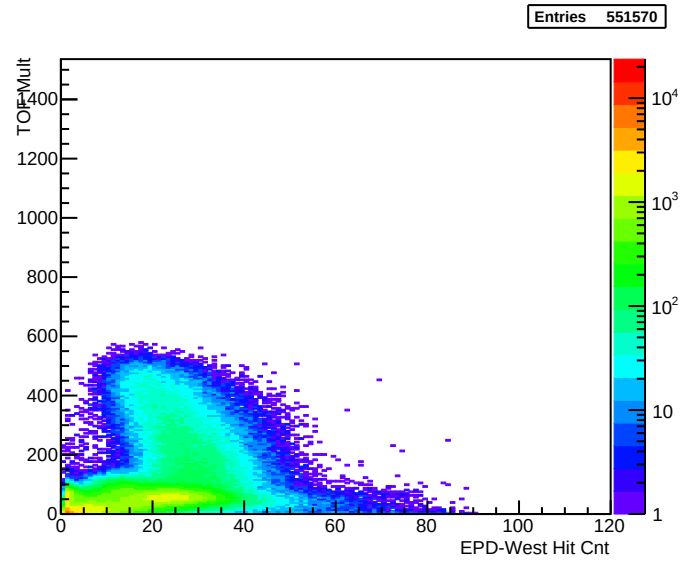

VT201 Input Ch4: VPD Adc Sum Th
Entries 1103140
330879
409424
220691
142146
East
West

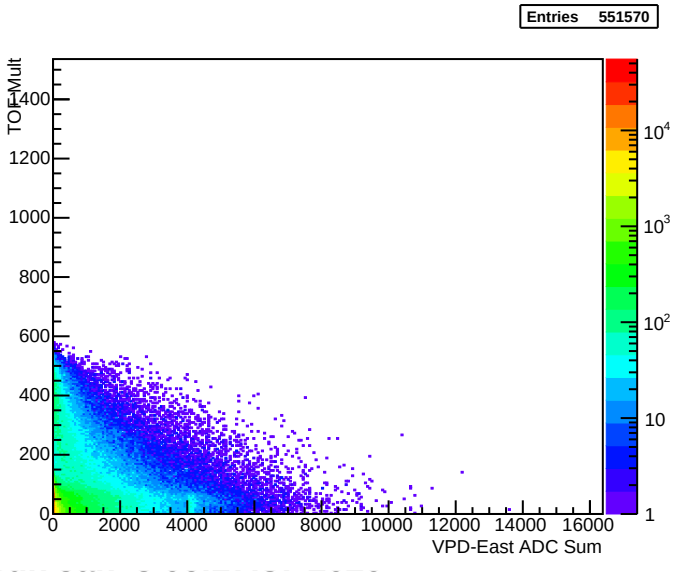

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

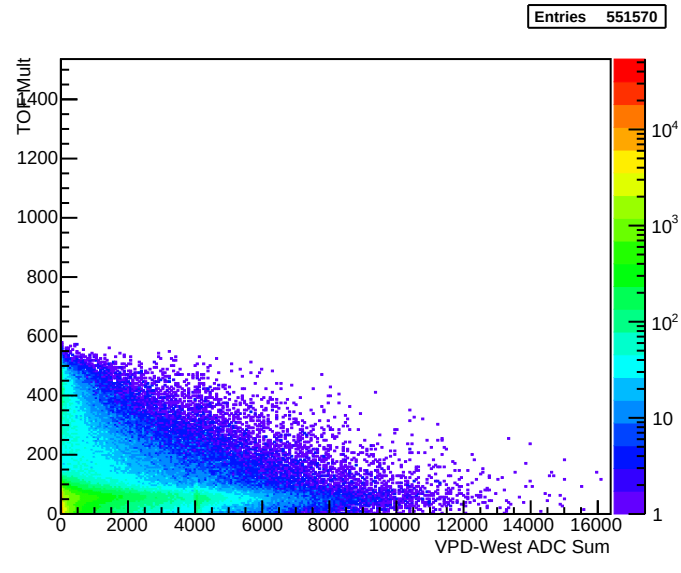

Entries 551570
TOF-Mult
BBC-S-East ADC Sum

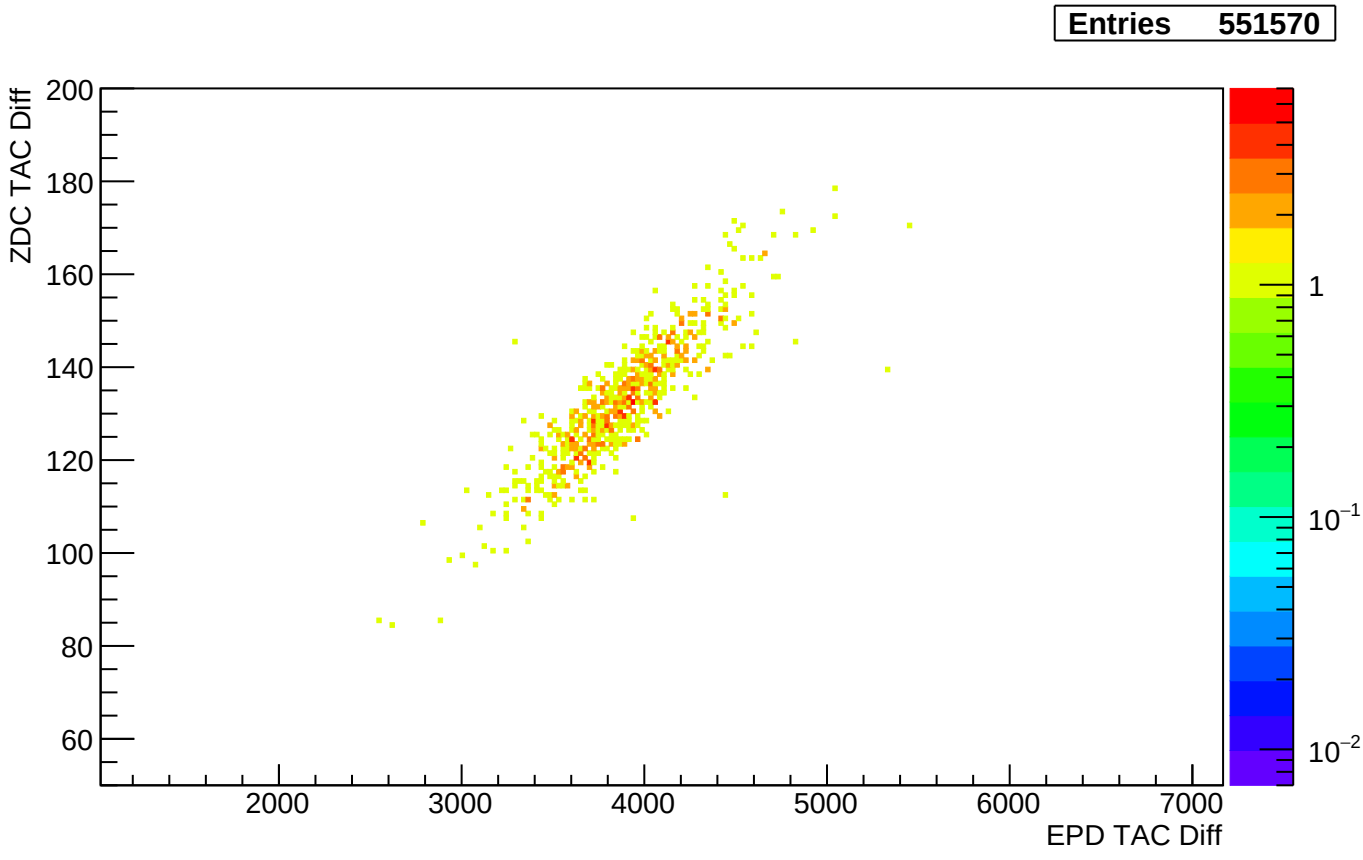

Entries 551570
TOF-Mult
BBC-S-West ADC Sum

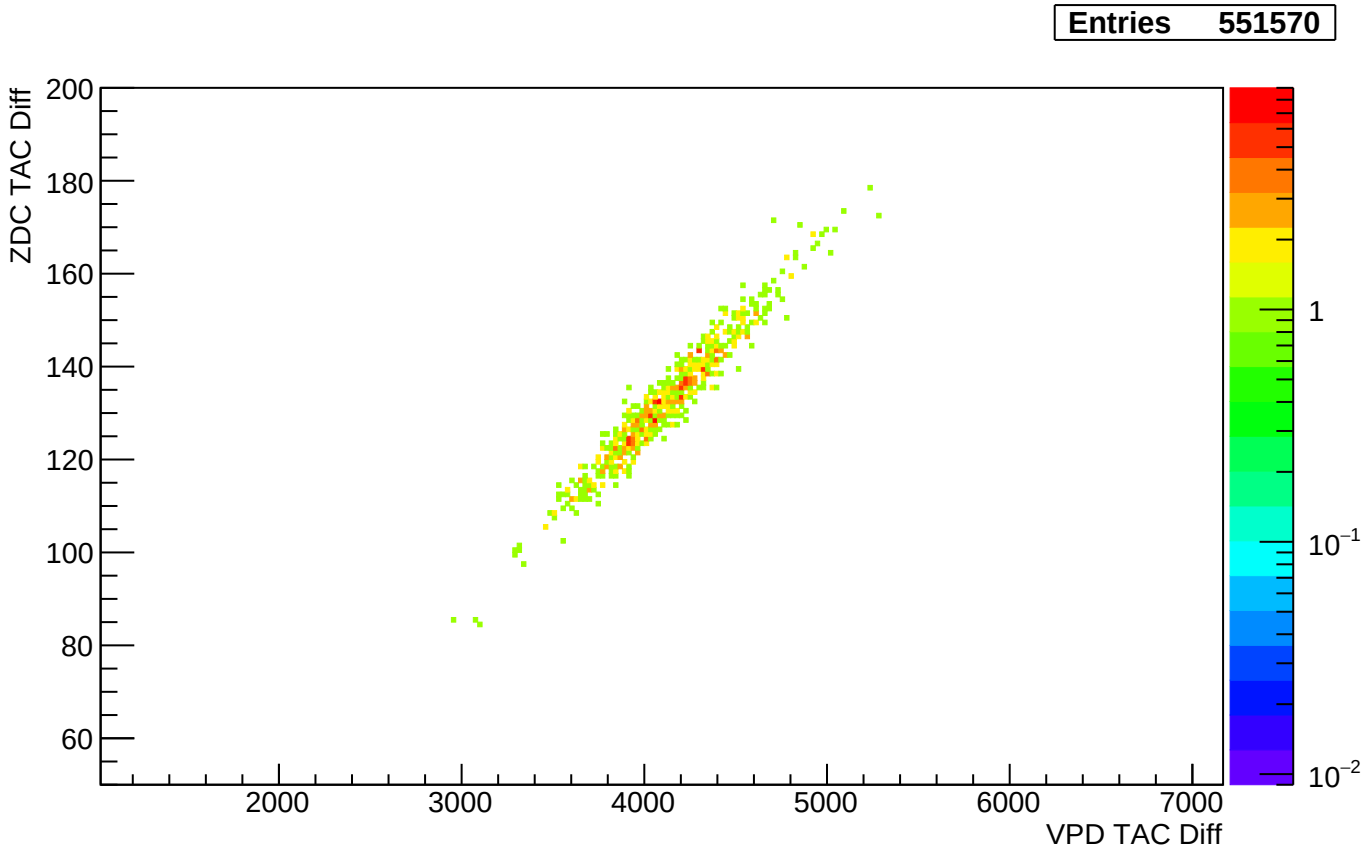

Entries 551570
TOF-Mult
EPD-East Hit Cnt

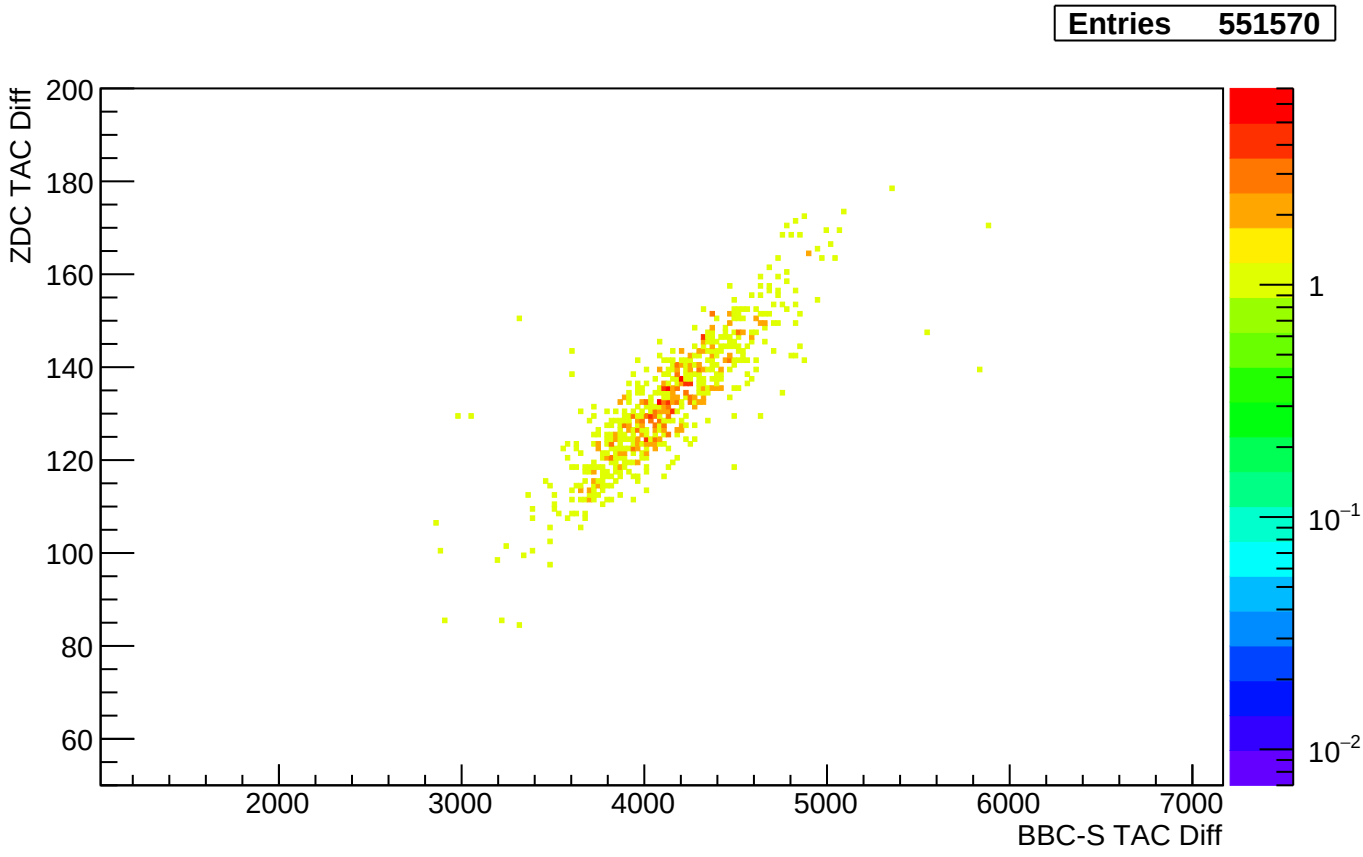

Entries 551570
TOF-Mult
EPD-West Hit Cnt

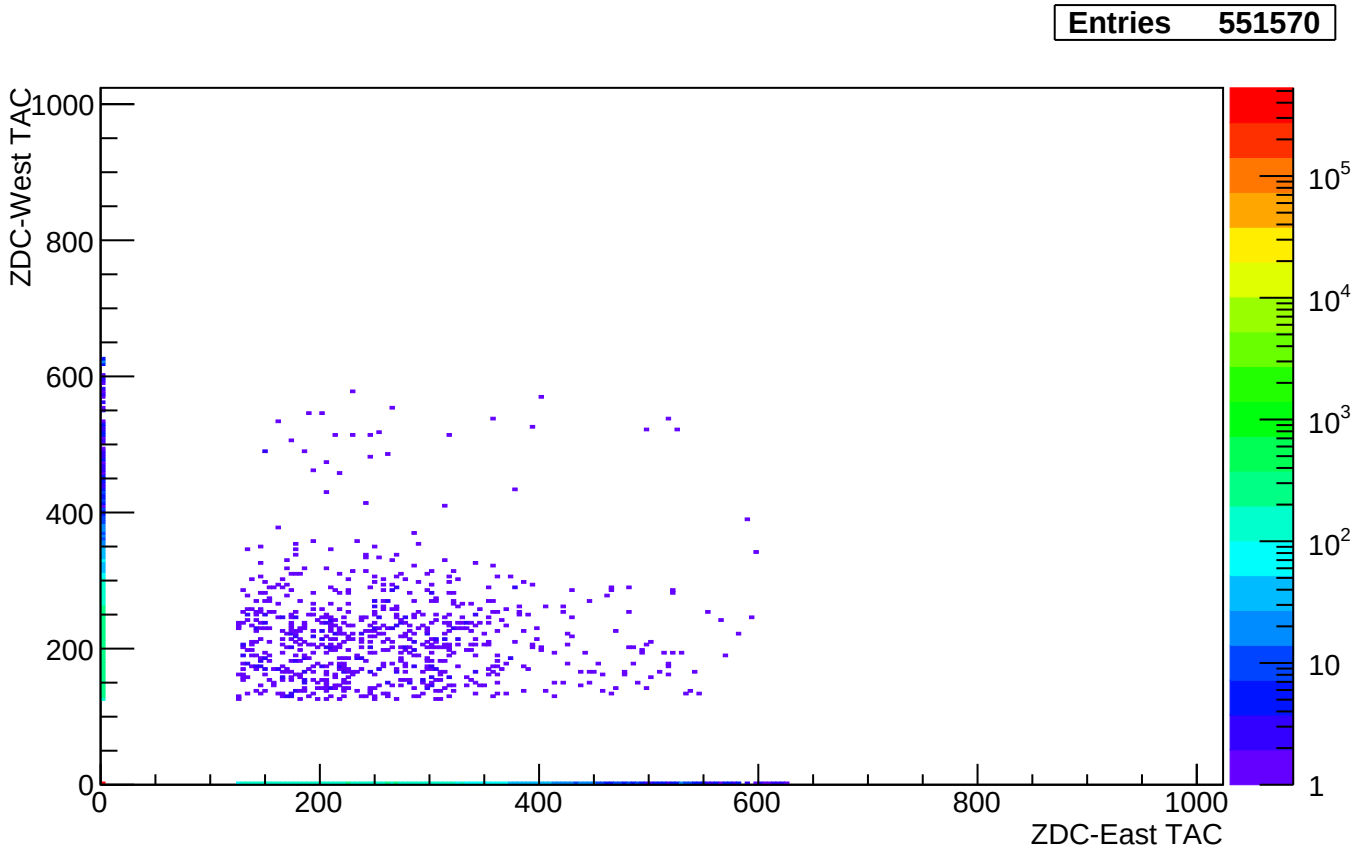

Entries 551570
TOF-Mult
VPD-East ADC Sum

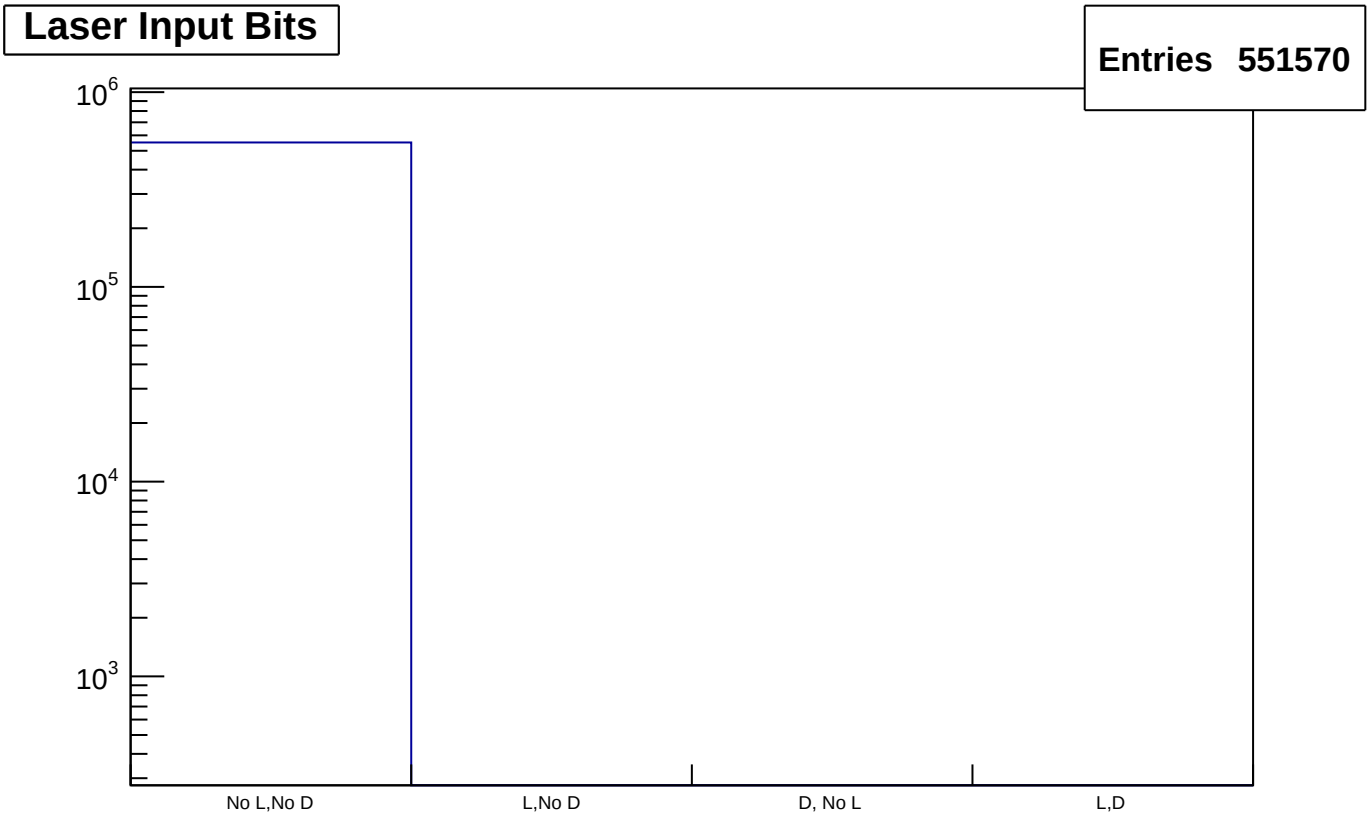

Entries 551570
TOF-Mult
VPD-West ADC Sum

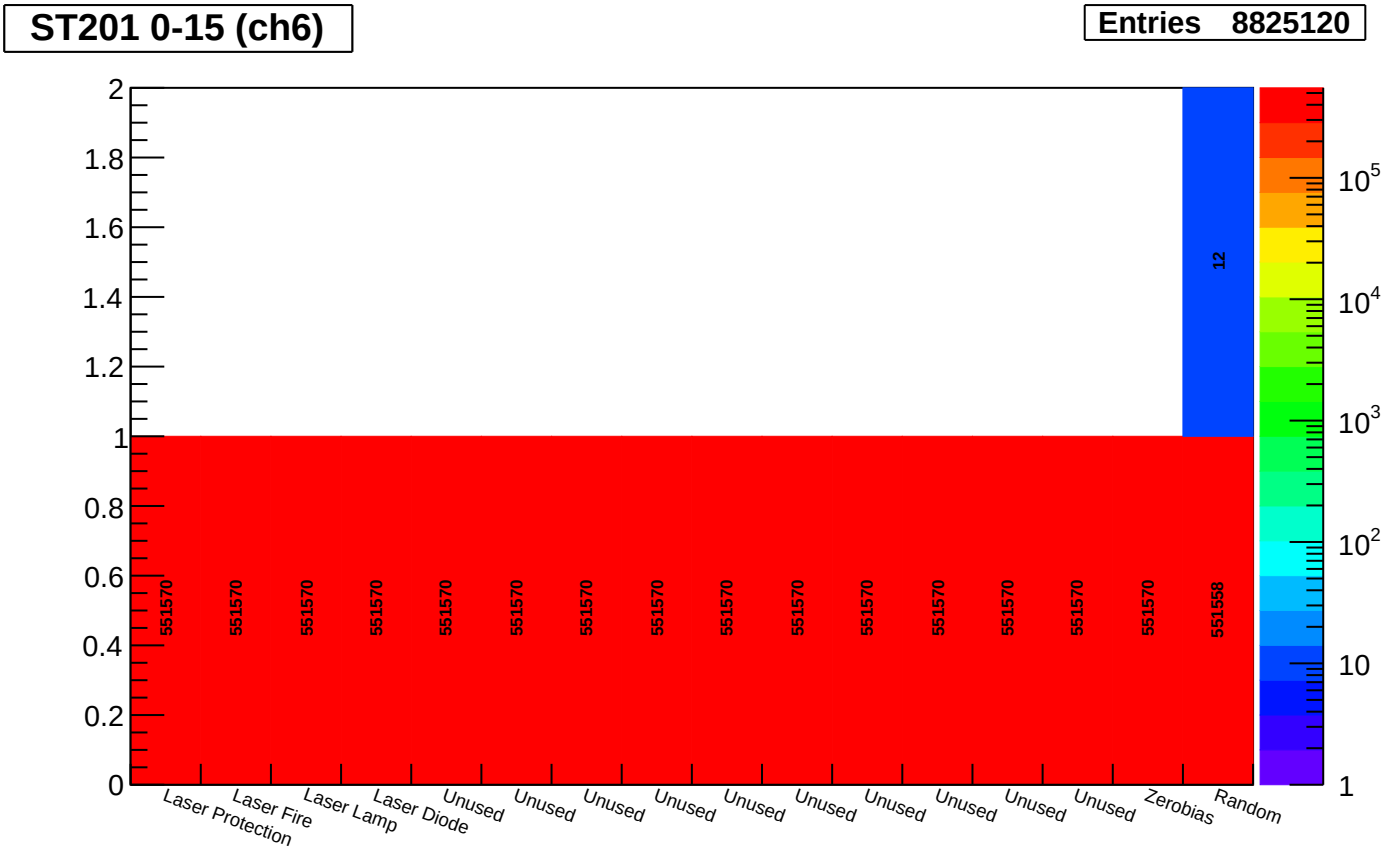

Entries 551570
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

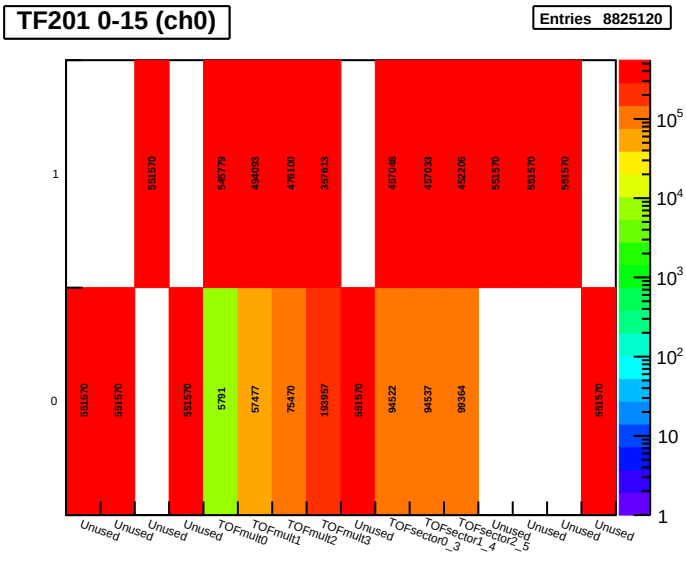

Entries 551570
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

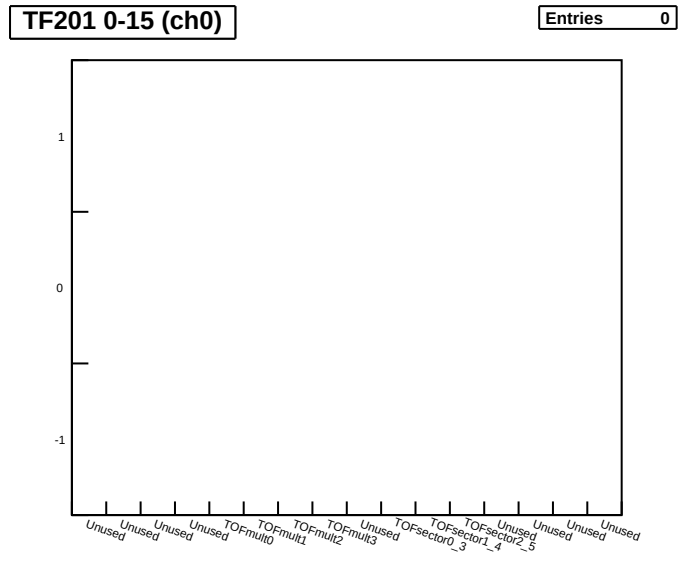

Entries 551570
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

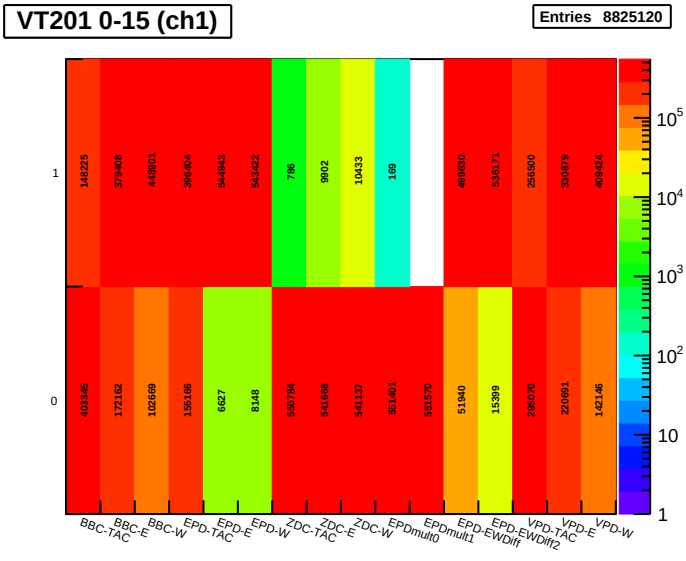

Entries 551570
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

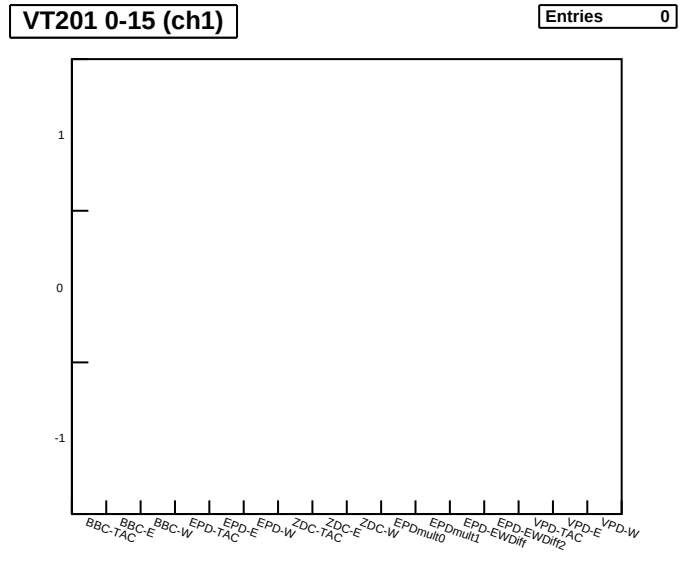

Laser Input Bits
Entries 551570
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

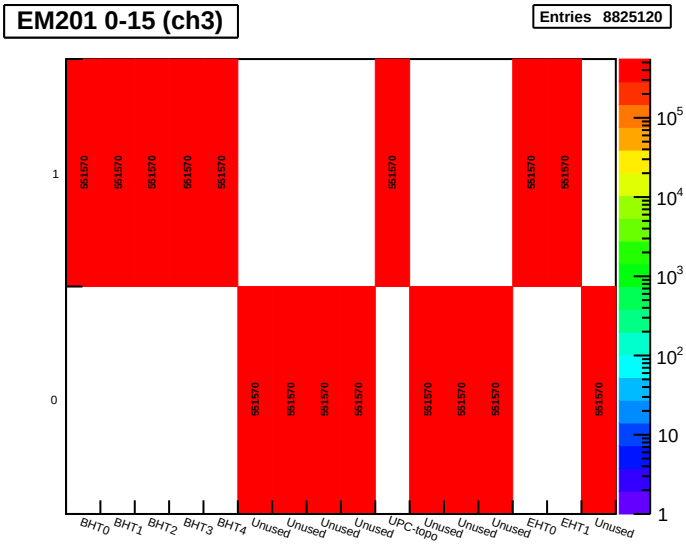

ST201 0-15 (ch6)
Entries 8825120
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12
551570
551558
$10^5$
$10^4$
$10^3$
$10^2$
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

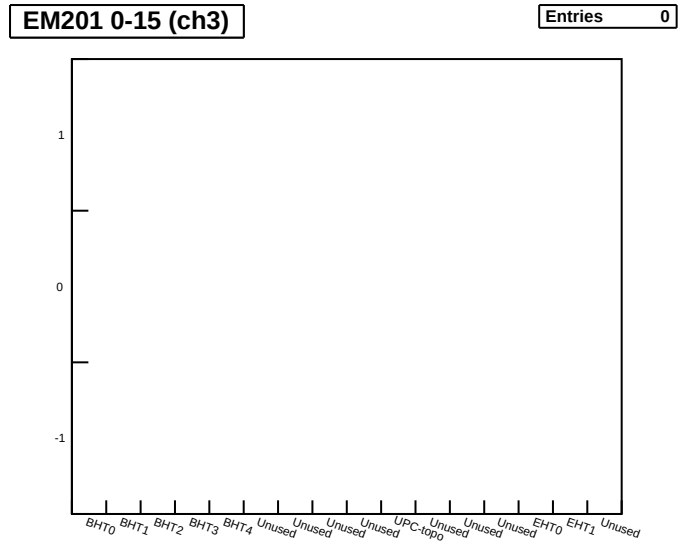

TF201 0-15 (ch0)
Entries 8825120
1
0
551570
546779
494093
476100
357613
457048
457033
452206
551570
551570
551570
551570
551570
551570
5791
57477
75470
193957
551570
94522
94537
99364
551570
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
$10^5$
$10^4$
$10^3$
$10^2$
10
1


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


VT201 0-15 (ch1)
Entries 8825120
1
0
148225
379408
448901
396404
544943
543422
786
9902
10433
169
499630
536171
256500
330879
409424
403345
172162
102669
155166
6627
8148
550784
541668
541137
551401
551570
51940
15399
285070
220691
142146
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 8825120
1
0
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
551570
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
$10^5$
$10^4$
$10^3$
$10^2$
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1