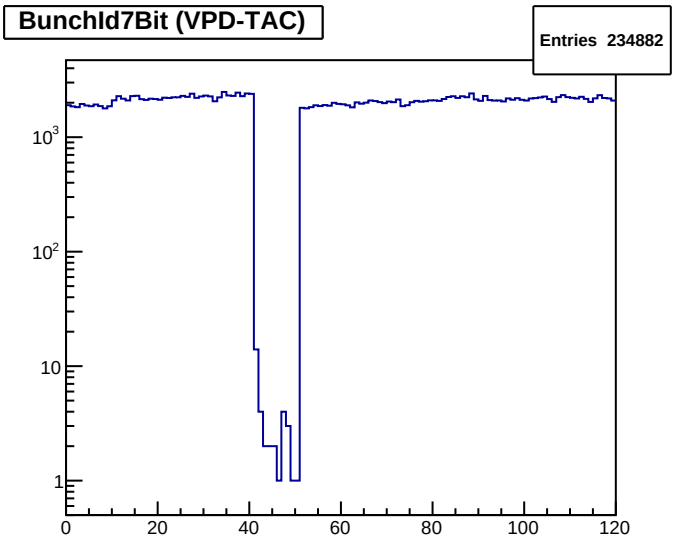
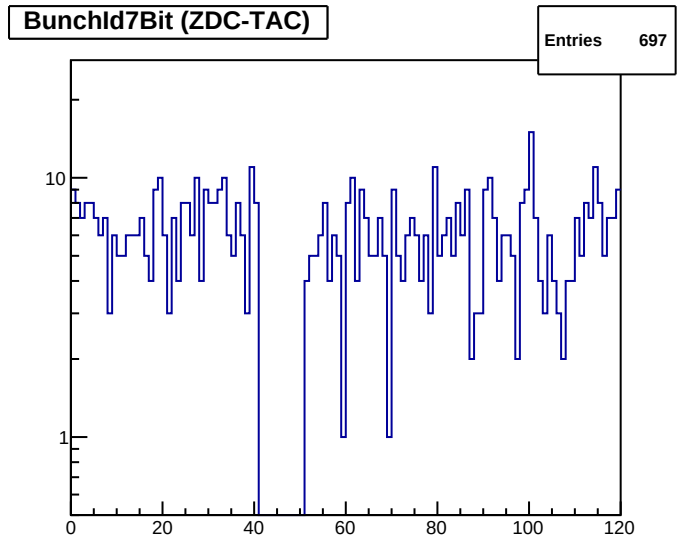
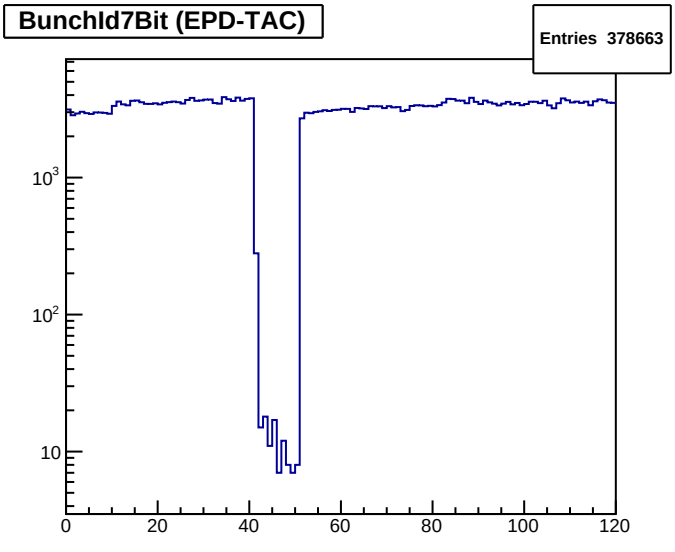
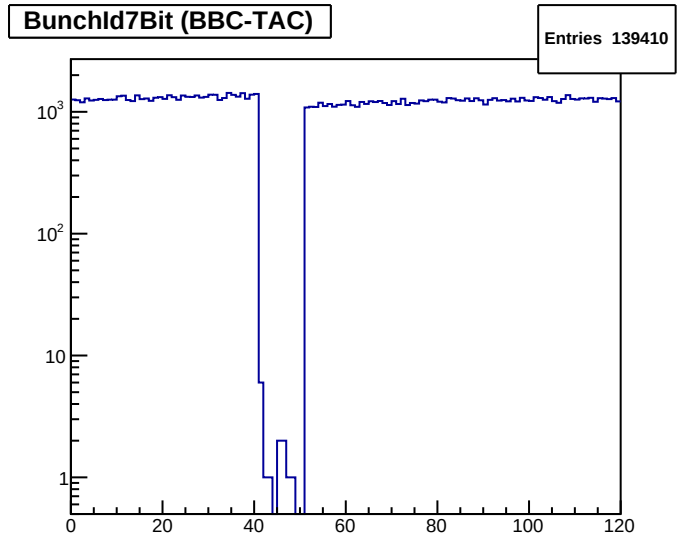
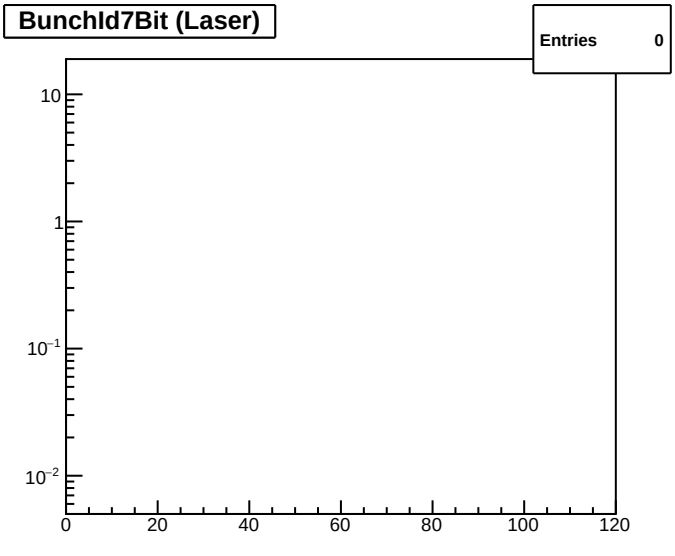
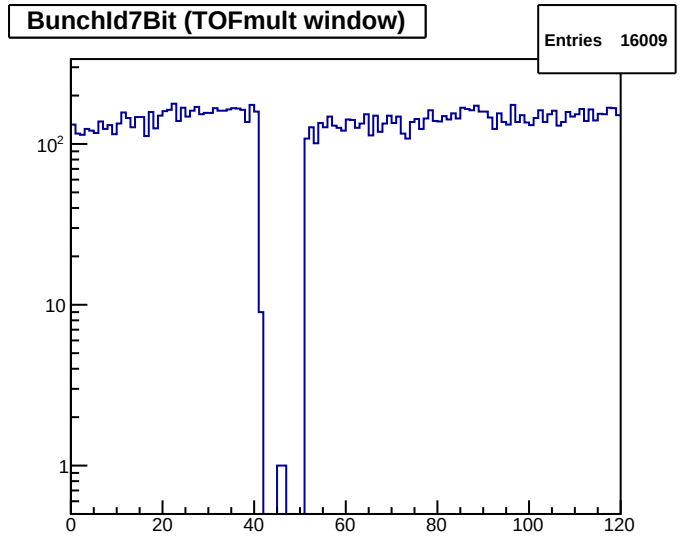

BunchId7Bit (VPD-TAC)
Entries 234882

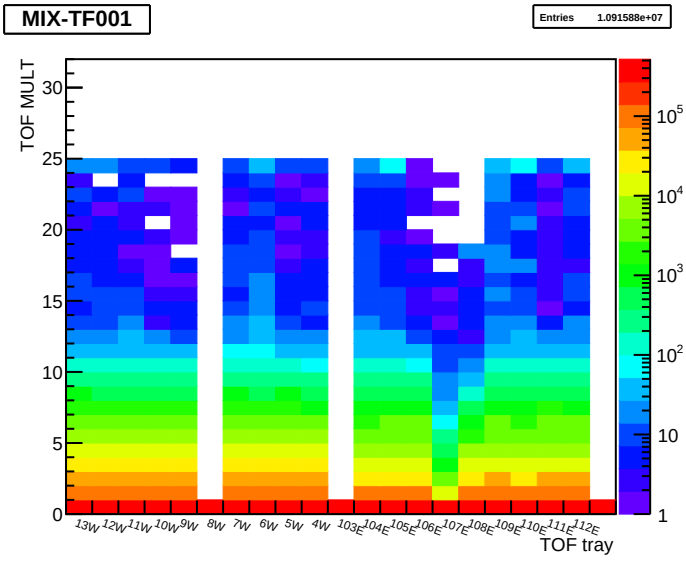

BunchId7Bit (ZDC-TAC)
Entries 697

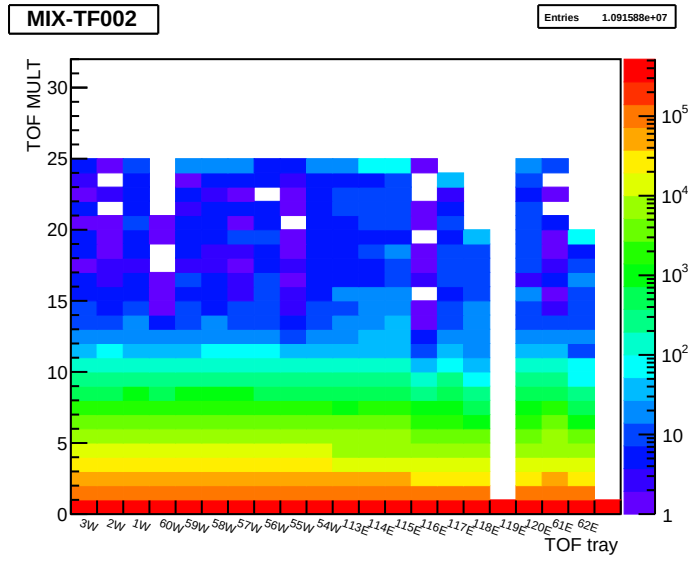

BunchId7Bit (EPD-TAC)
Entries 378663

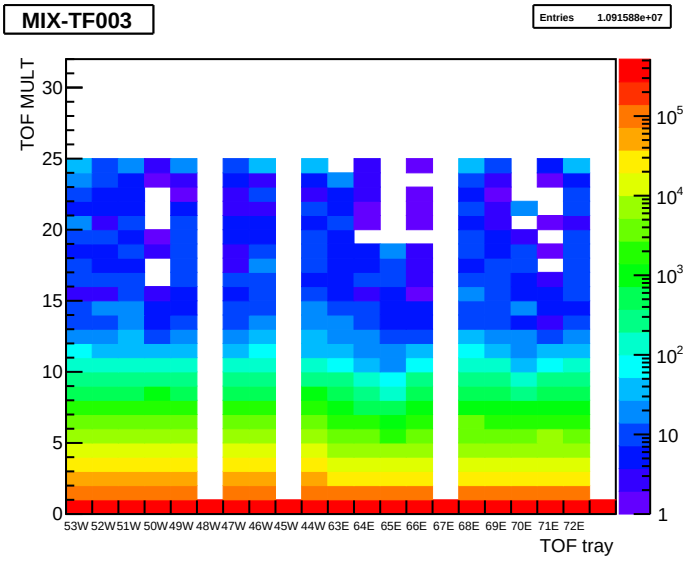

BunchId7Bit (BBC-TAC)
Entries 139410

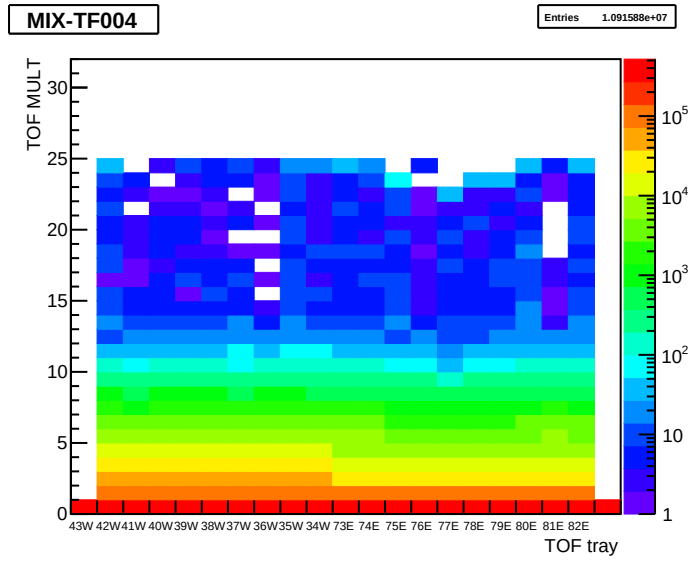

BunchId7Bit (Laser)
Entries 0

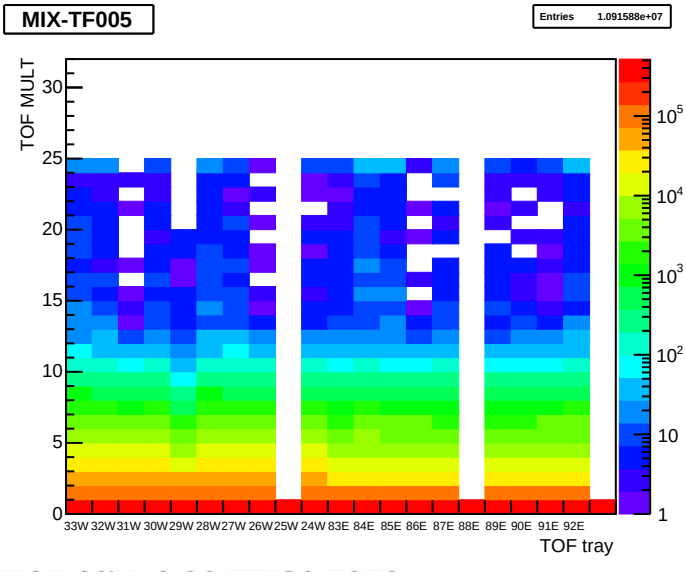

BunchId7Bit (TOFmult window)
Entries 16009

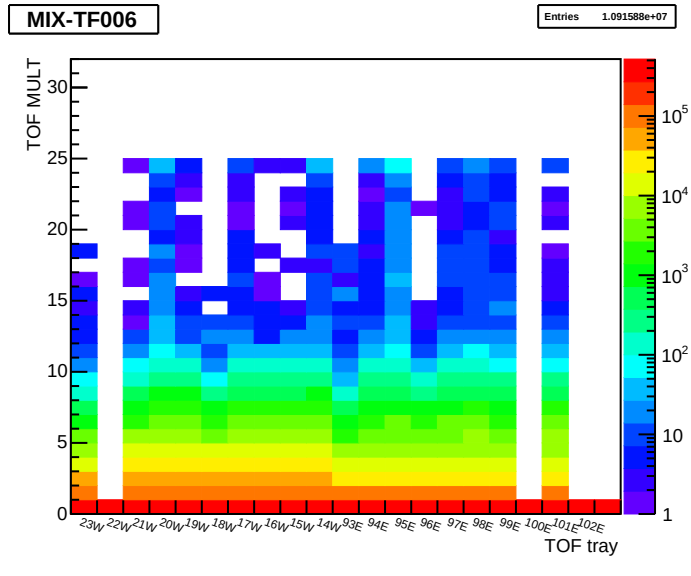

MIX-TF001
Entries 1.091588e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

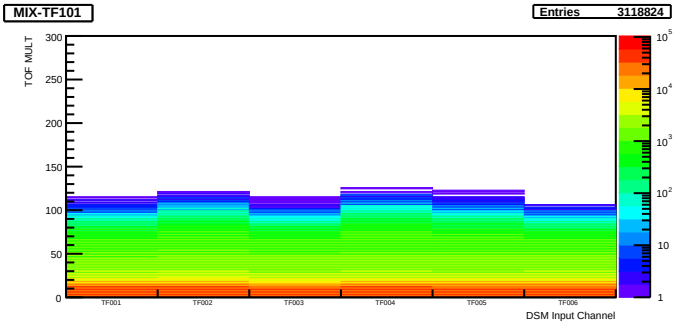

MIX-TF002
Entries 1.091588e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

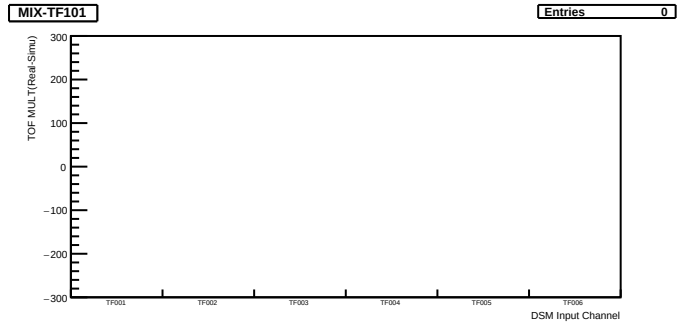

MIX-TF003
Entries 1.091588e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

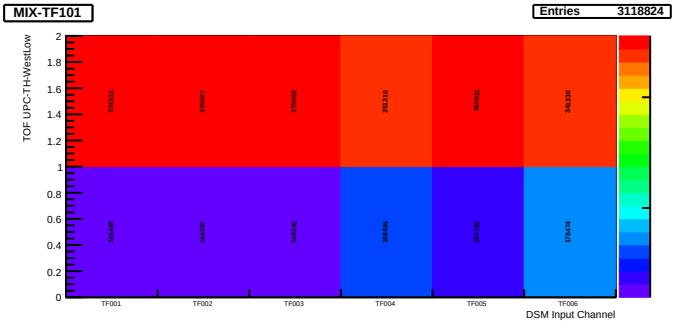

MIX-TF004
Entries 1.091588e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

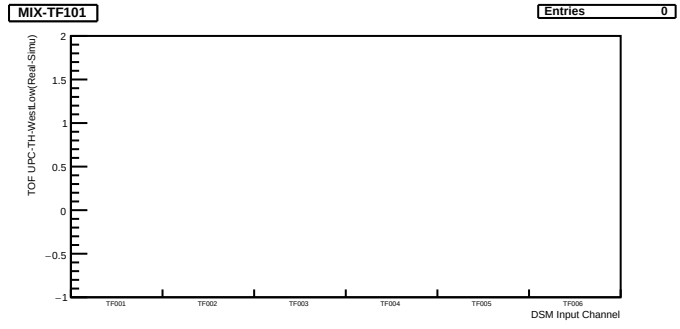

MIX-TF005
Entries 1.091588e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

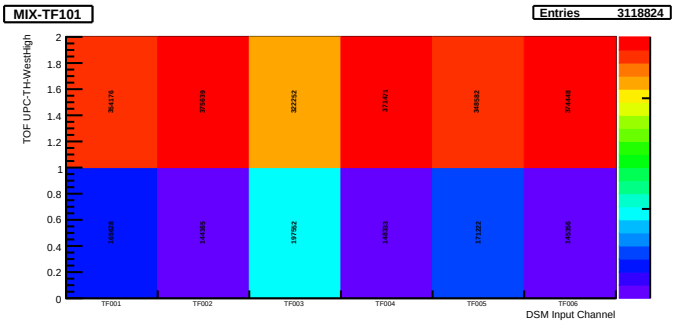

MIX-TF006
Entries 1.091588e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

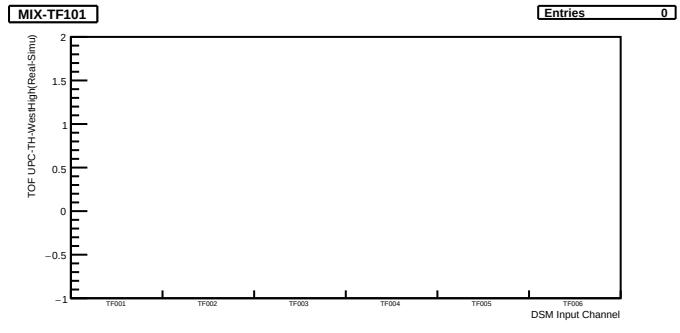

MIX-TF101
Entries 3118824
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

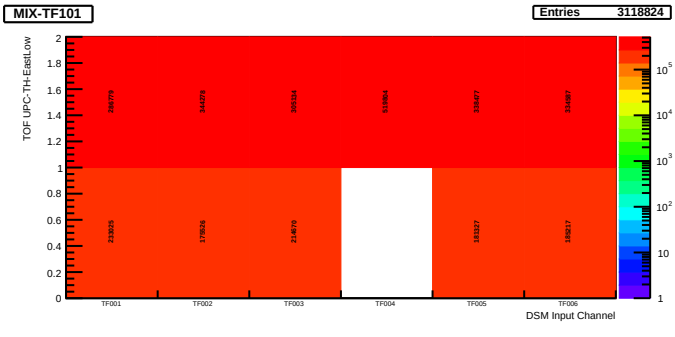

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

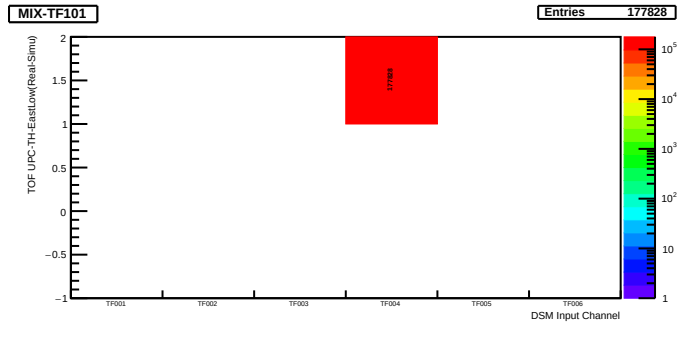

MIX-TF101
Entries 3118824
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

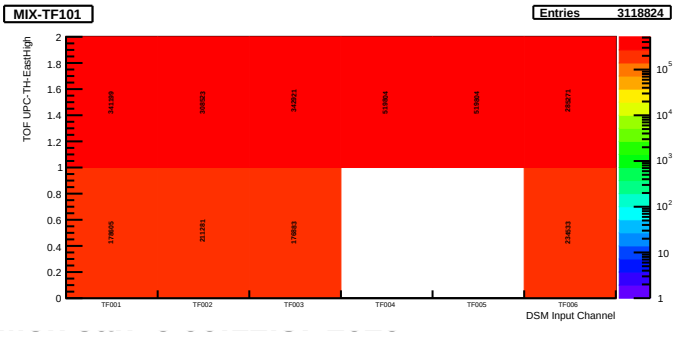

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

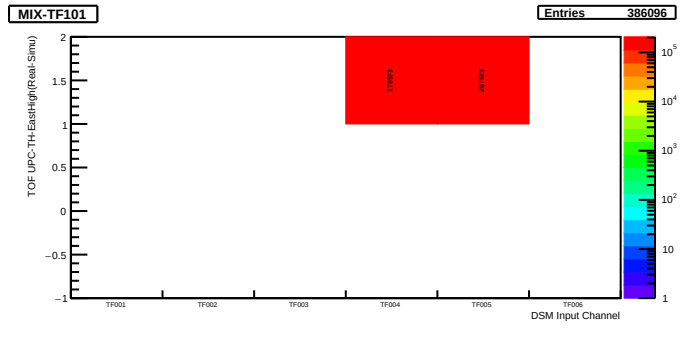

MIX-TF101
Entries 3118824
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

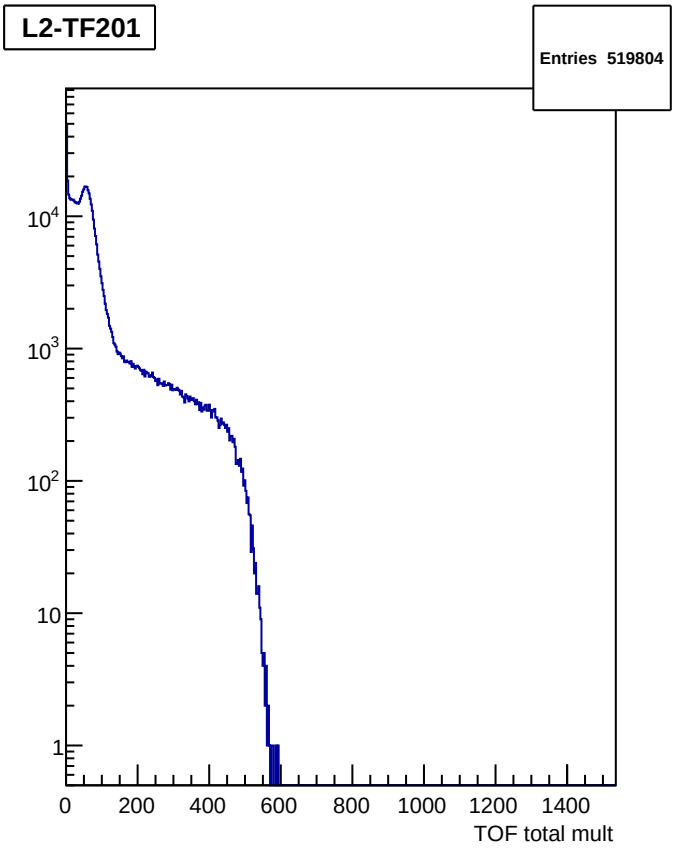

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

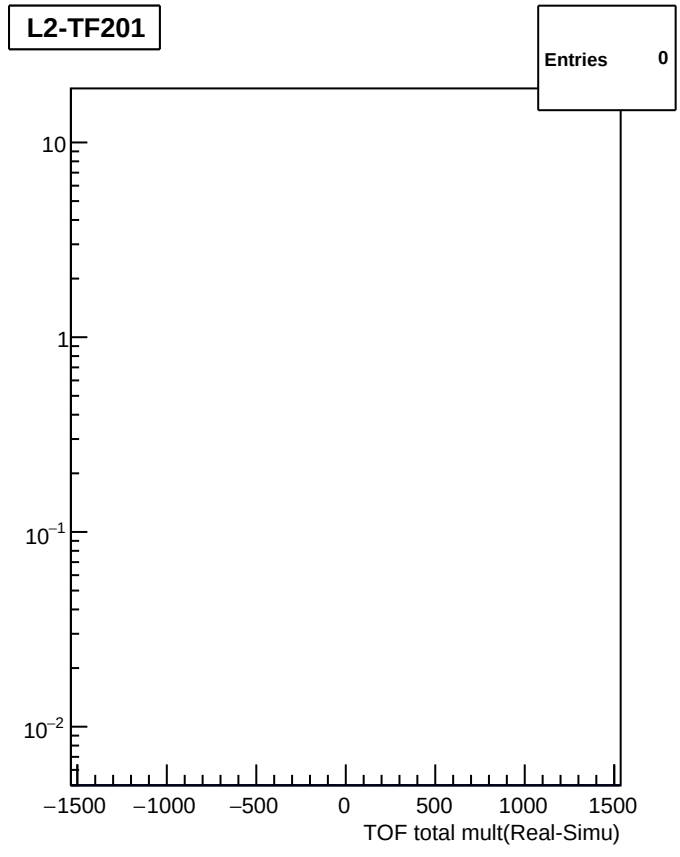

MIX-TF101
Entries 3118824
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

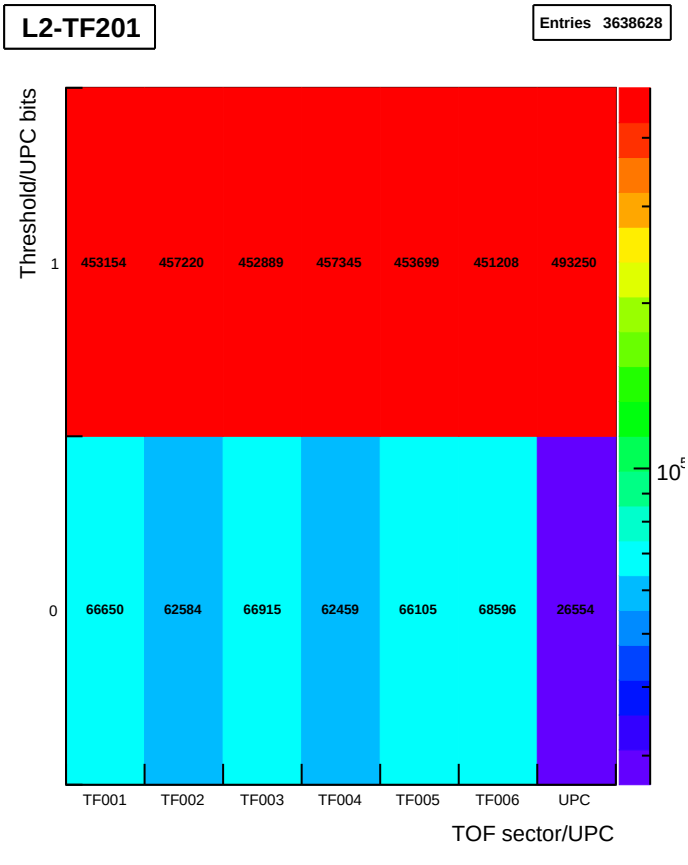

MIX-TF101
Entries 177828
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

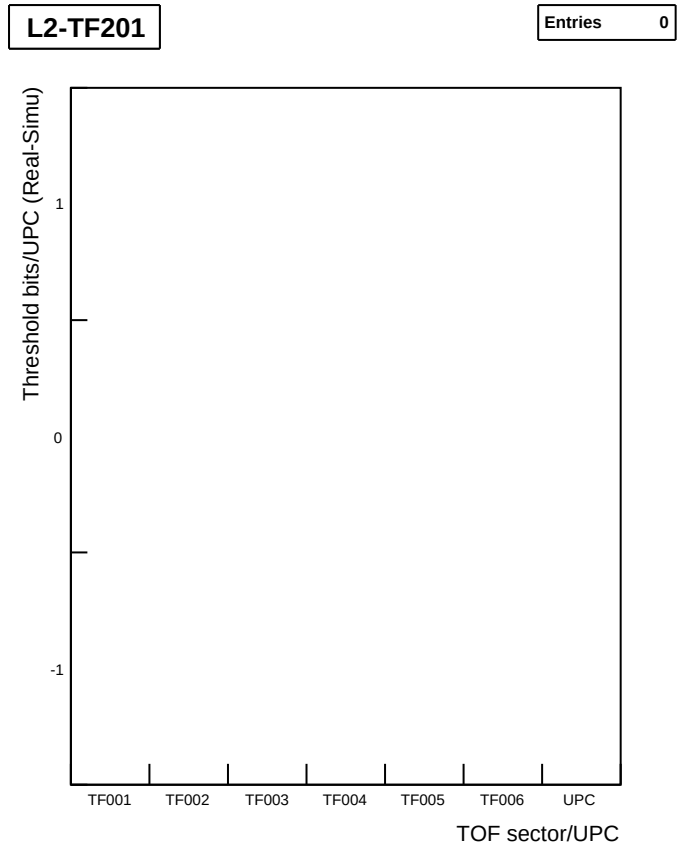

MIX-TF101
Entries 3118824
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

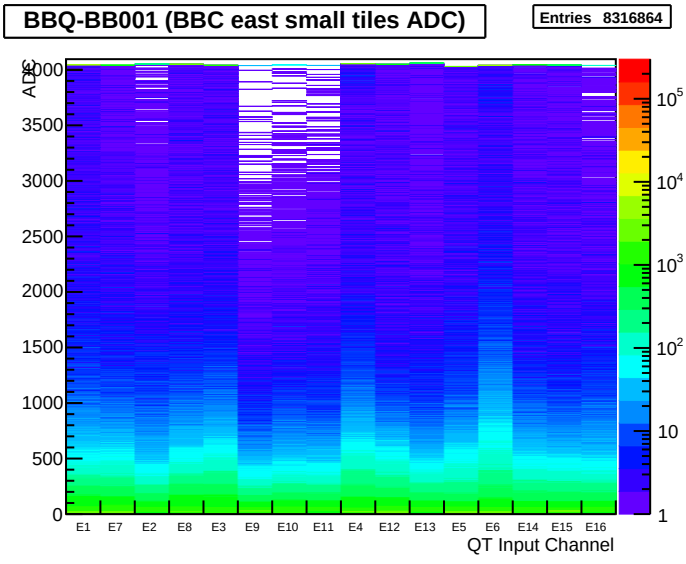

MIX-TF101
Entries 386096
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

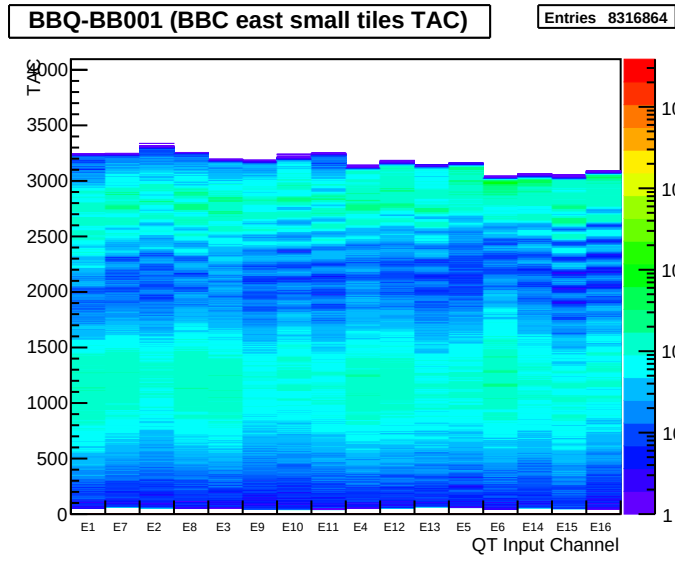

L2-TF201
Entries 519804
TOF total mult

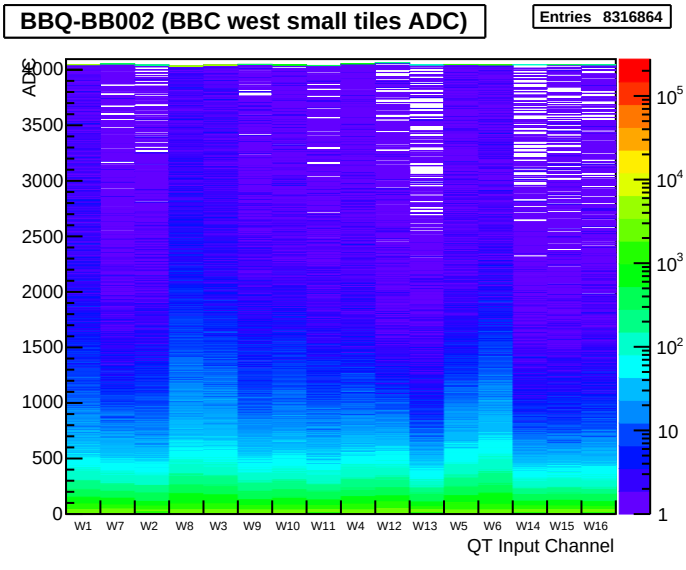

L2-TF201
Entries 0
TOF total mult(Real-Simu)

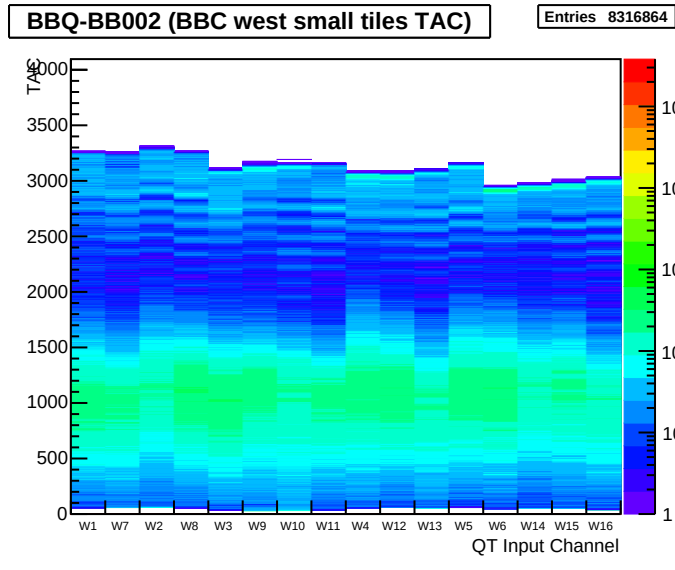

L2-TF201
Entries 3638628
Threshold/UPC bits
453154
457220
452889
457345
453699
451208
493250
66650
62584
66915
62459
66105
68596
26554
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

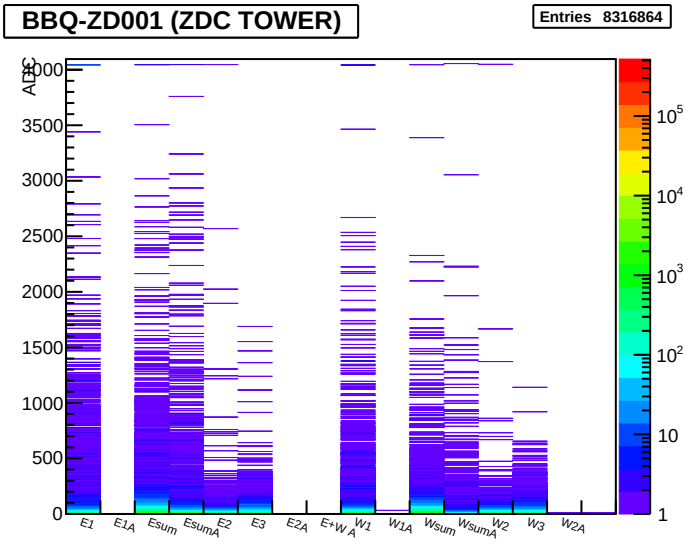

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

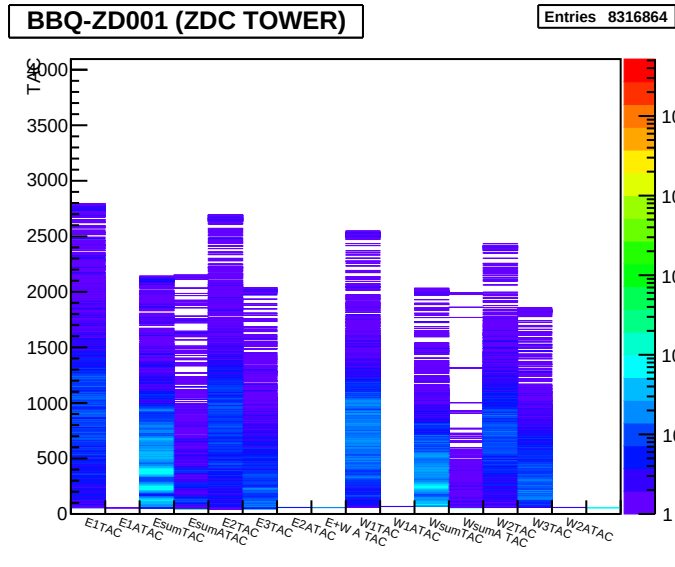

BBQ-BB001 (BBC east small tiles ADC)
Entries 8316864
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

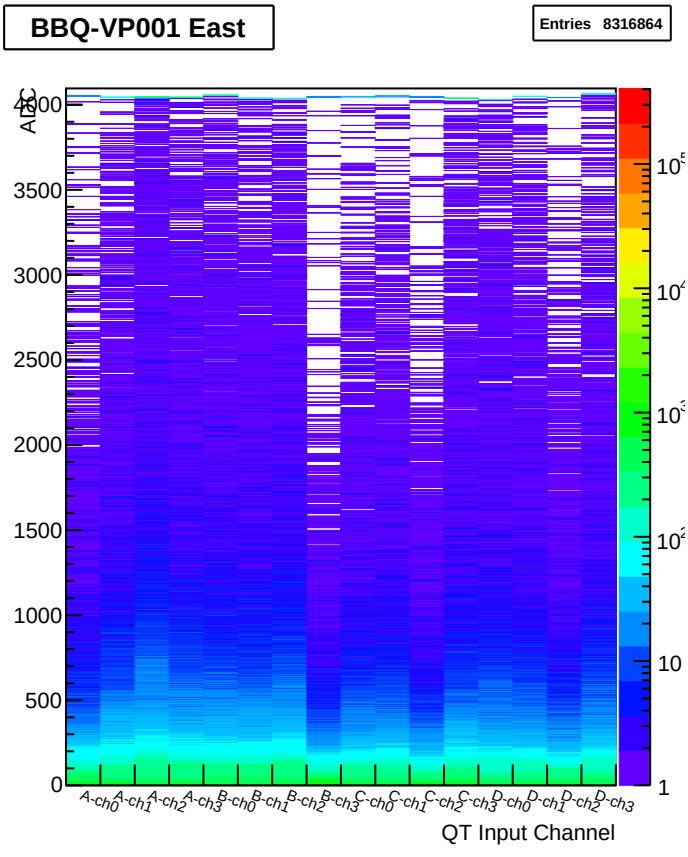

BBQ-BB001 (BBC east small tiles TAC)
Entries 8316864
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

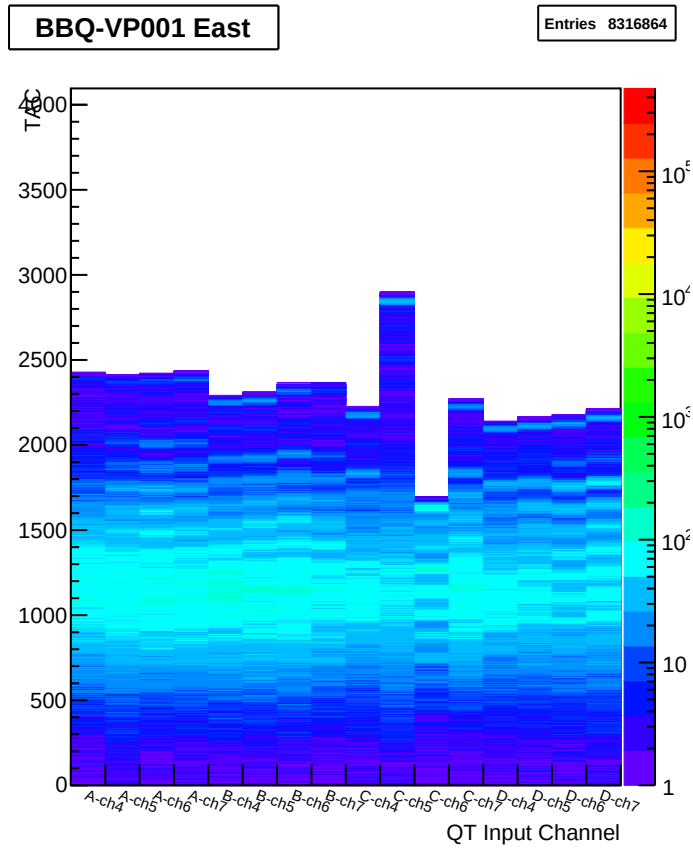

BBQ-BB002 (BBC west small tiles ADC)
Entries 8316864
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

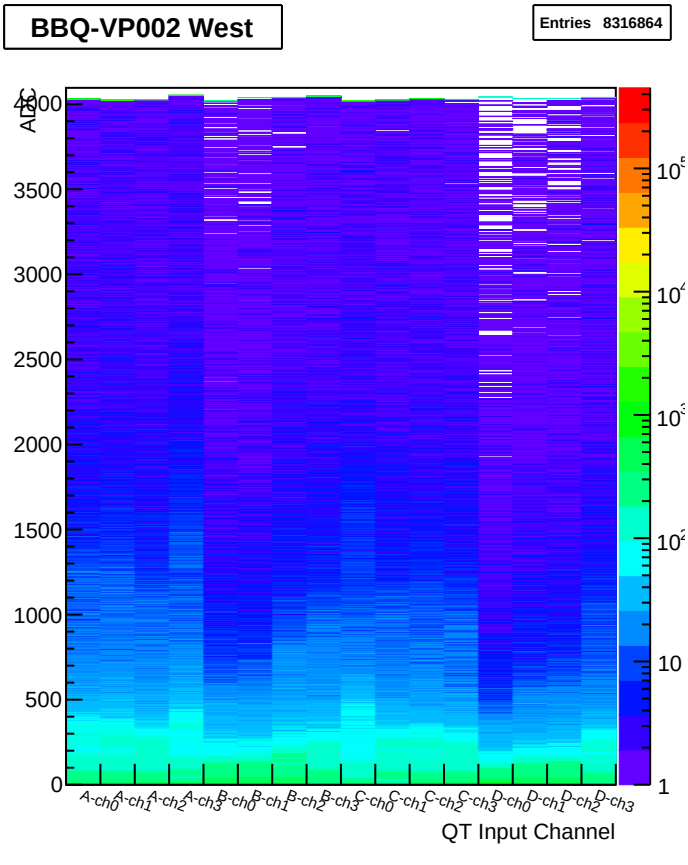

BBQ-BB002 (BBC west small tiles TAC)
Entries 8316864
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

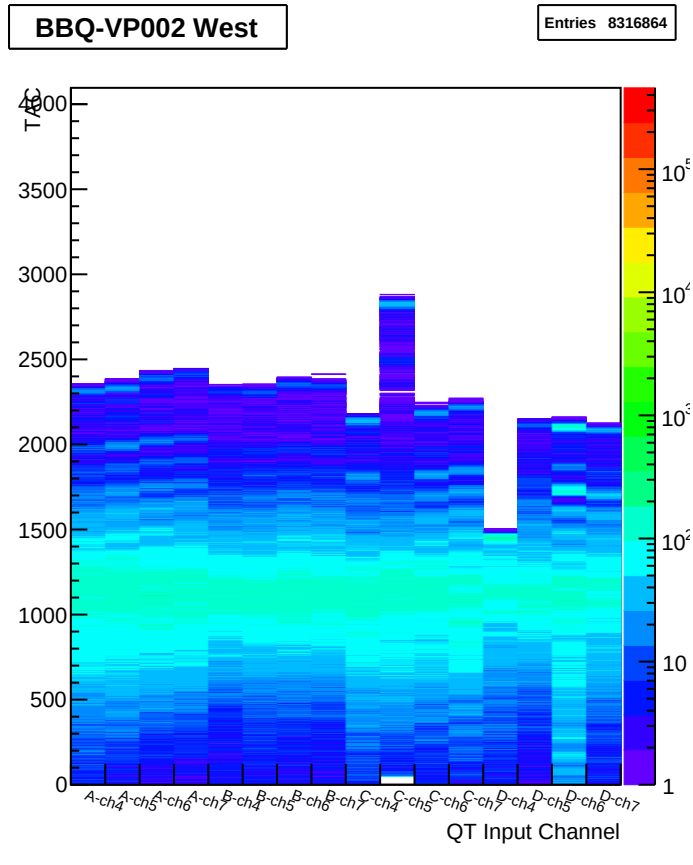

BBQ-ZD001 (ZDC TOWER)
Entries 8316864
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

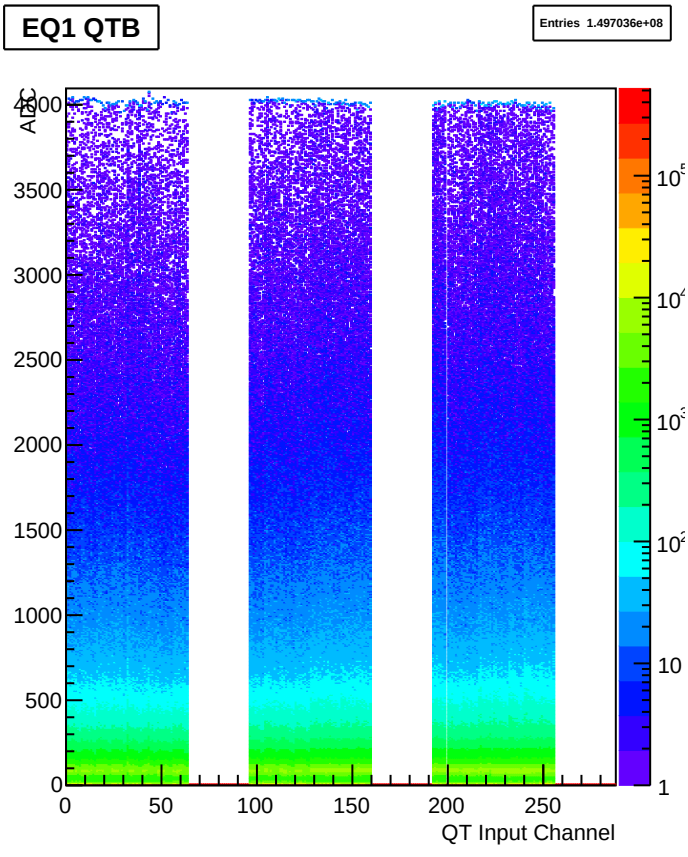

BBQ-ZD001 (ZDC TOWER)
Entries 8316864
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

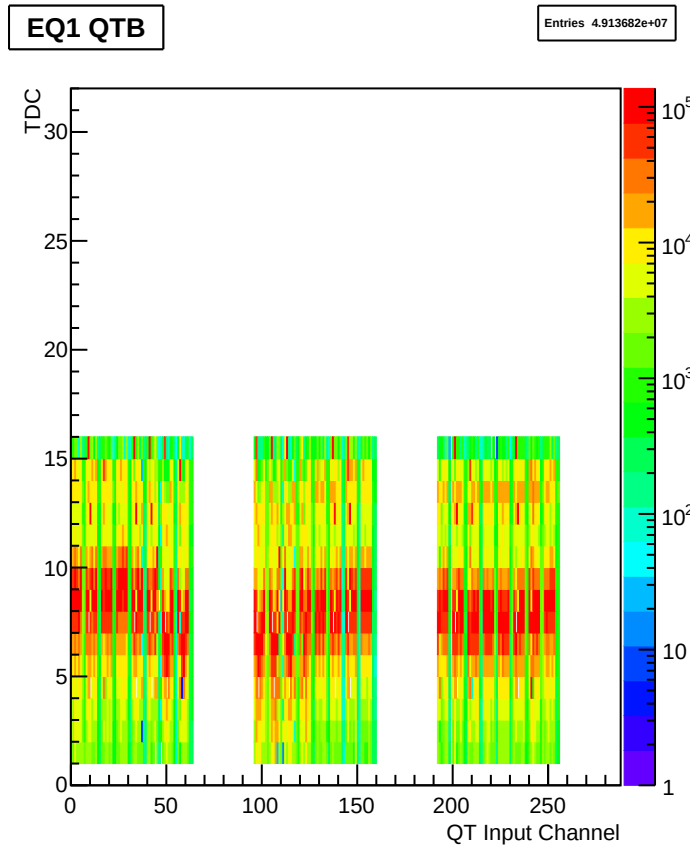

BBQ-VP001 East
Entries 8316864
ADC
QT Input Channel

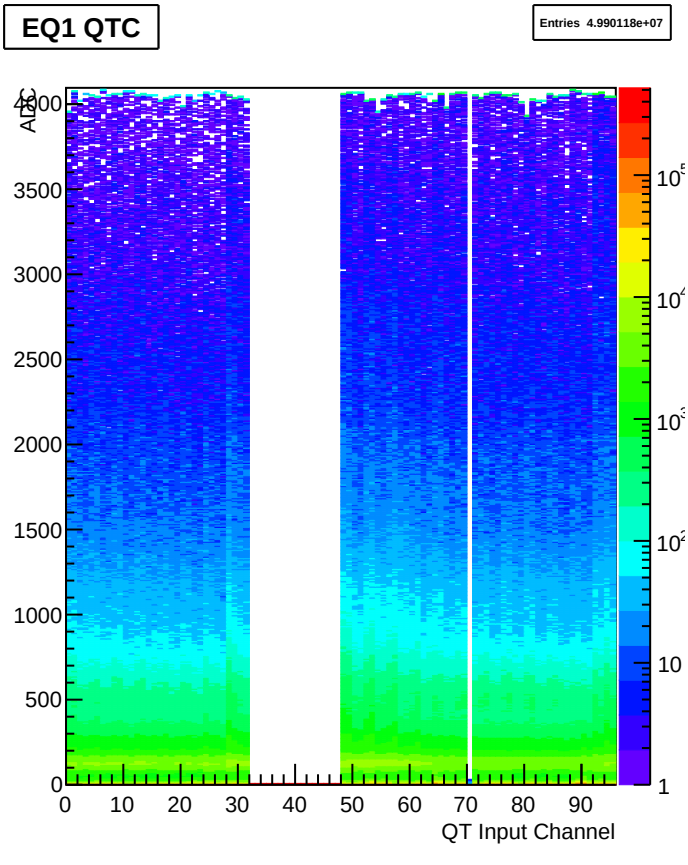

BBQ-VP001 East
Entries 8316864
TADC
QT Input Channel

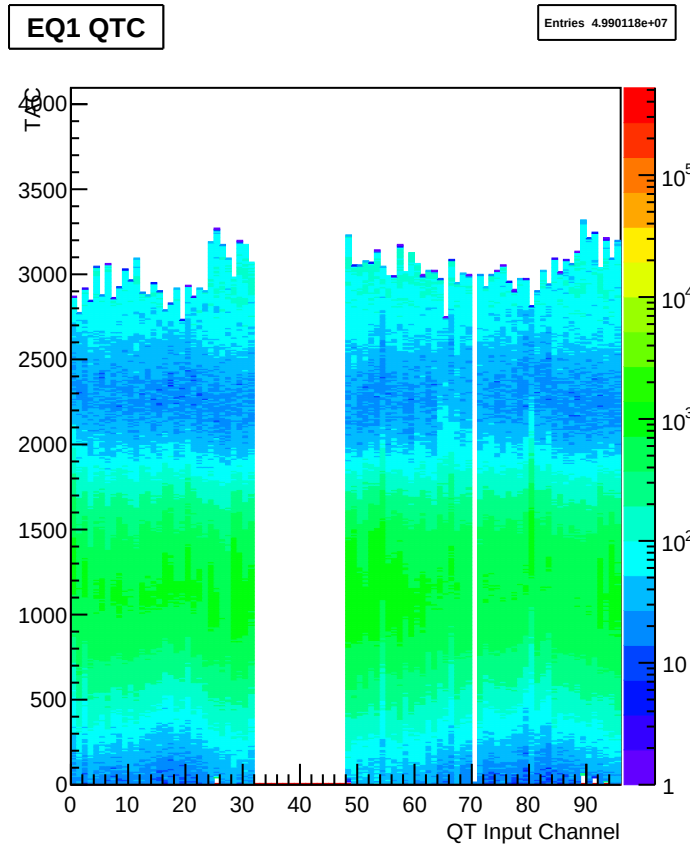

BBQ-VP002 West
Entries 8316864
ADC
QT Input Channel

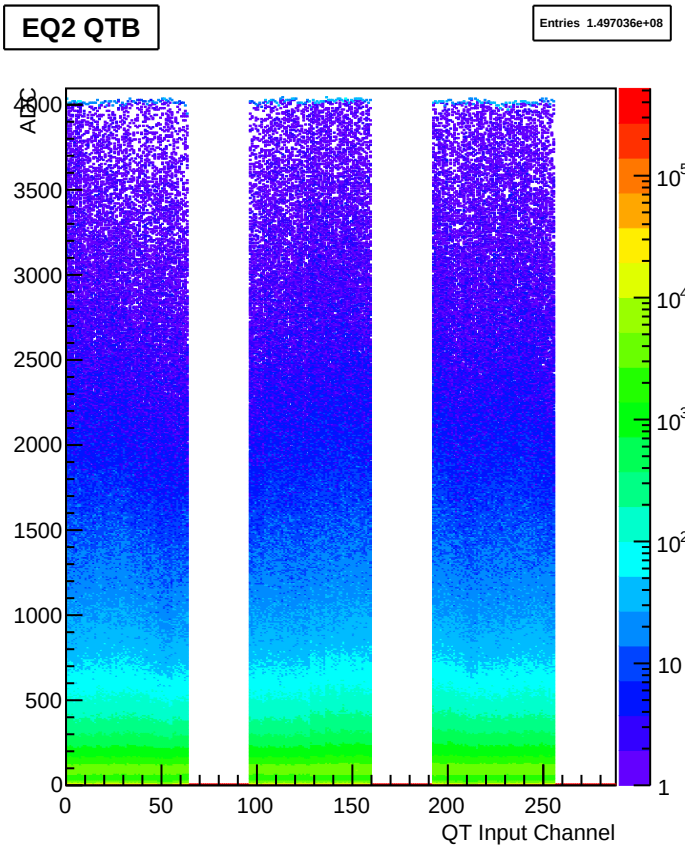

BBQ-VP002 West
Entries 8316864
TADC
QT Input Channel

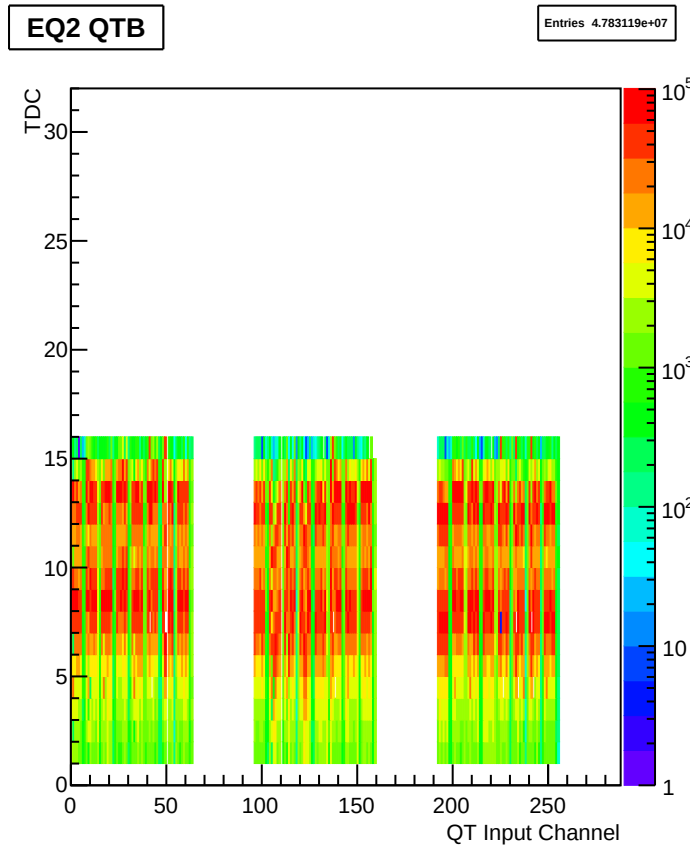

EQ1 QTB
Entries 1.497036e+08
ADC
QT Input Channel

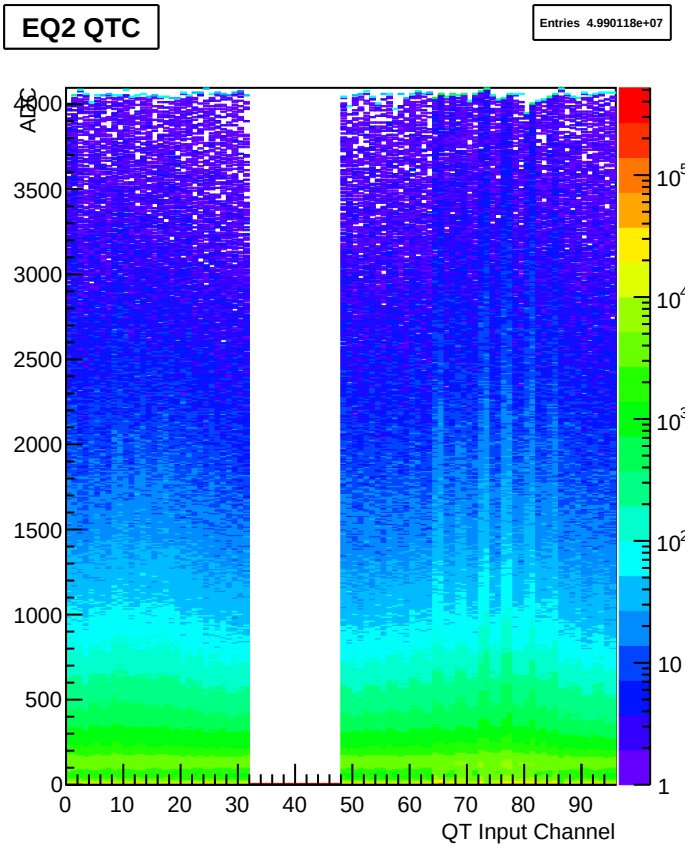

EQ1 QTB
Entries 4.913682e+07
TDC
QT Input Channel

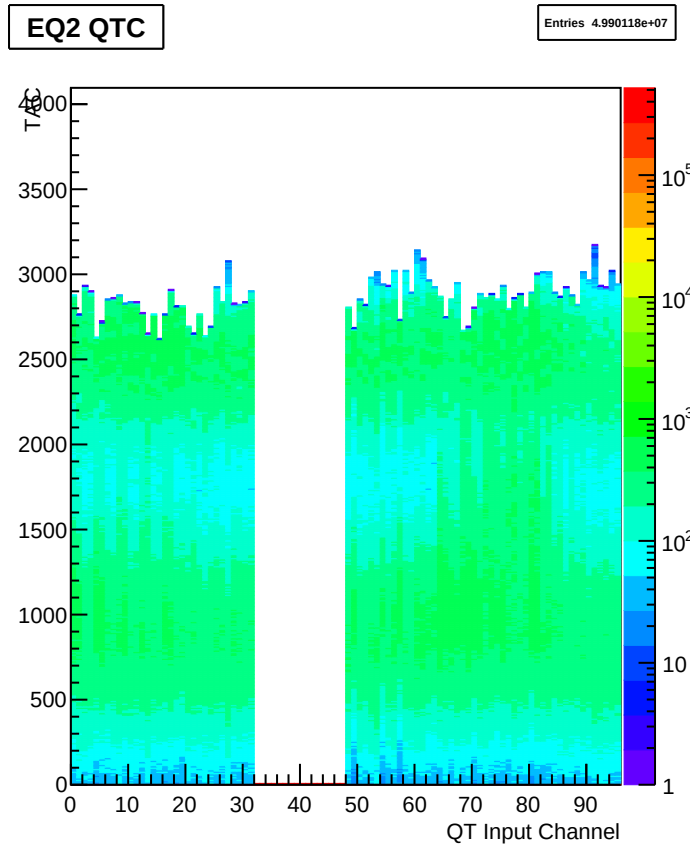

EQ1 QTC
Entries 4.990118e+07
ADC
QT Input Channel

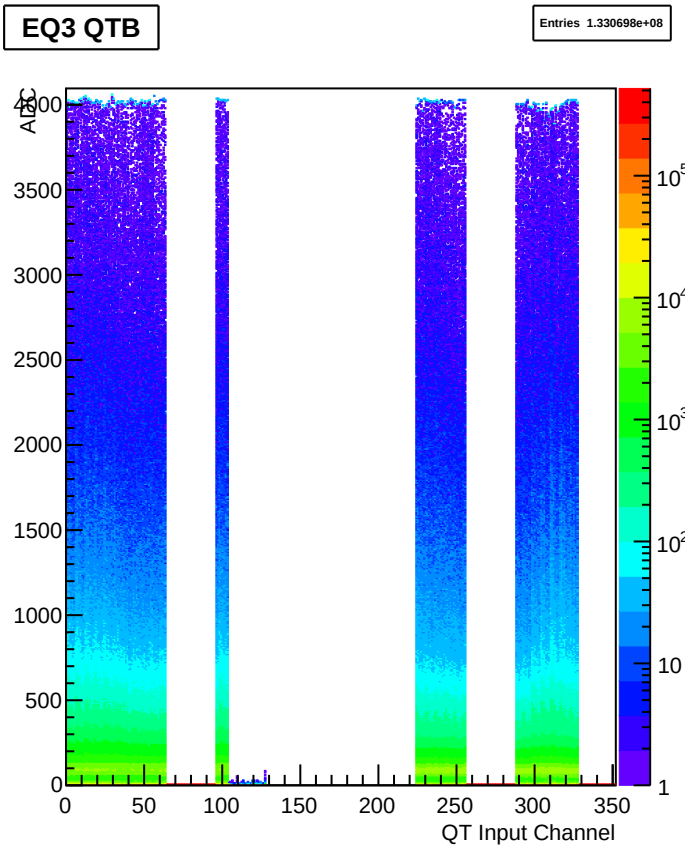

EQ1 QTC
Entries 4.990118e+07
TADC
QT Input Channel

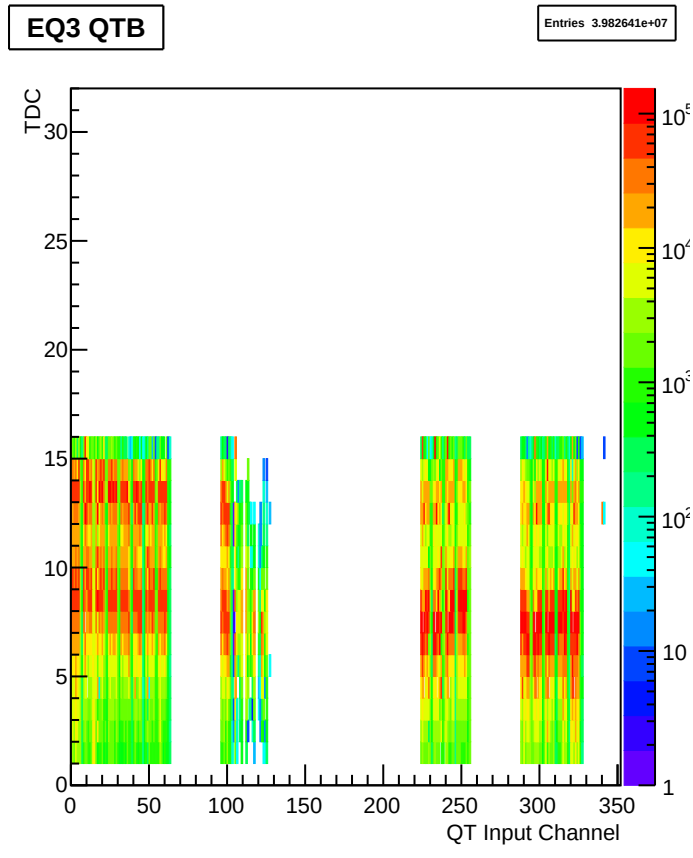

EQ2 QTB
Entries 1.497036e+08
ADC
QT Input Channel

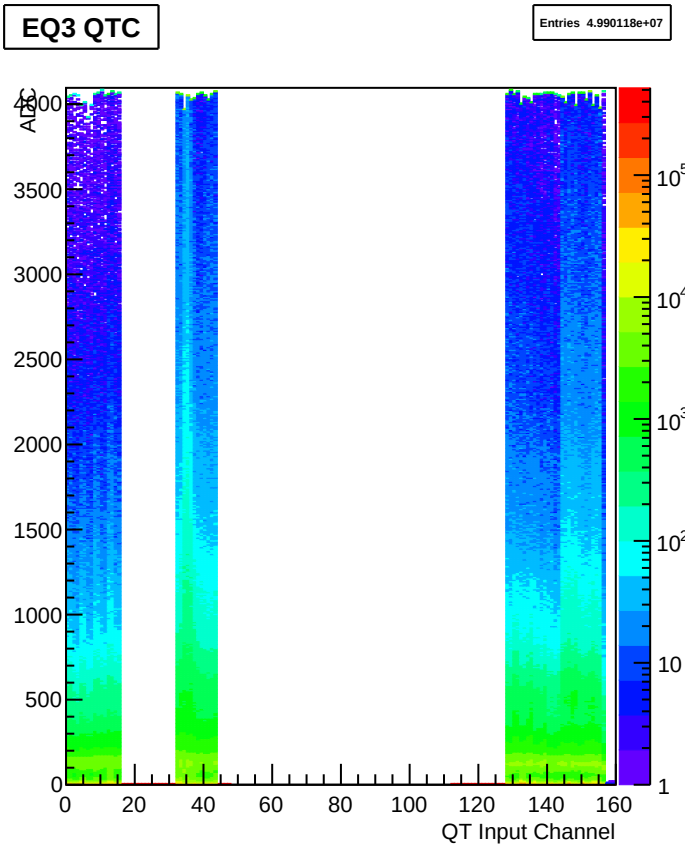

EQ2 QTB
Entries 4.783119e+07
TDC
QT Input Channel

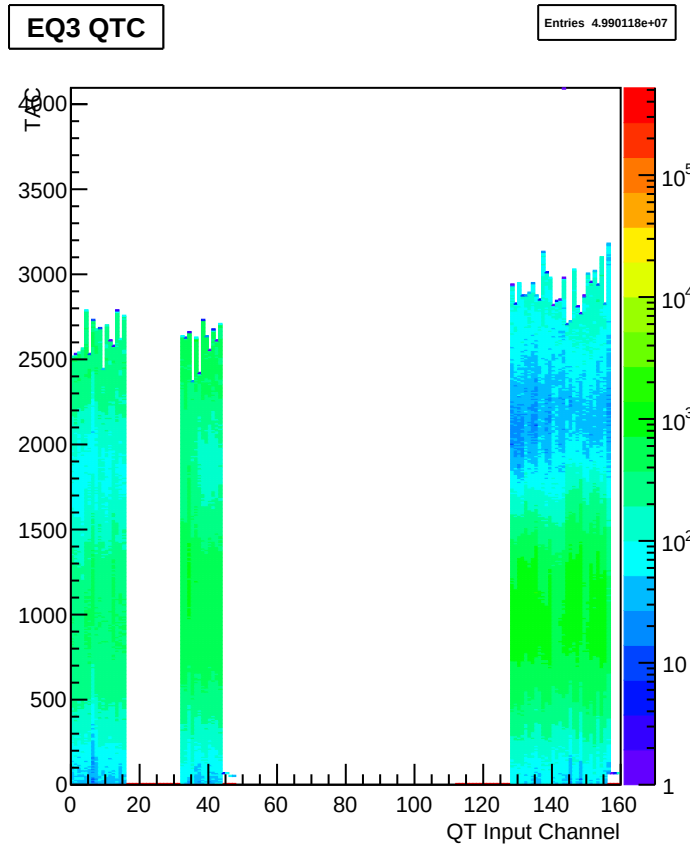

EQ2 QTC
Entries 4.990118e+07
ADC
QT Input Channel

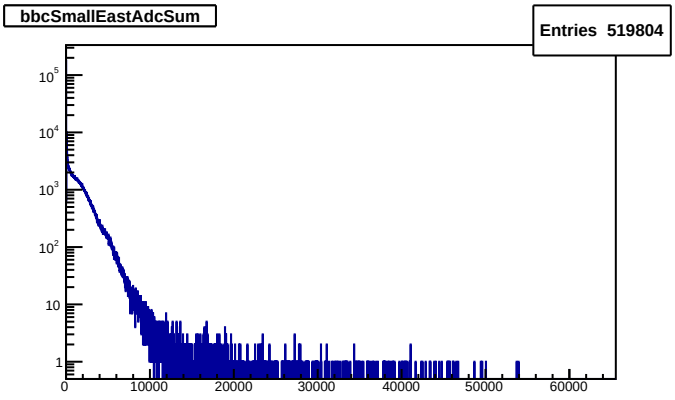

EQ2 QTC
Entries 4.990118e+07
TADC
QT Input Channel

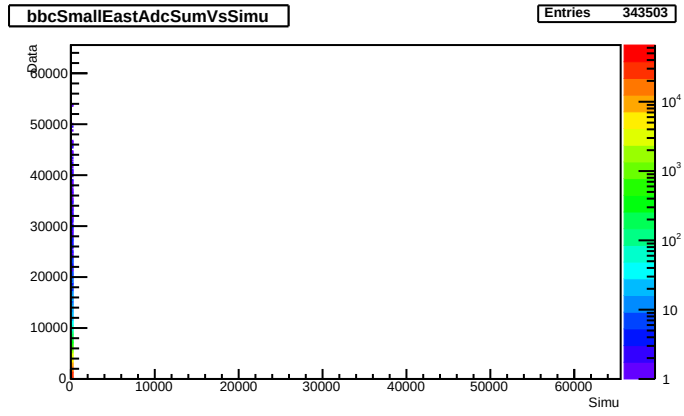

EQ3 QTB
Entries 1.330698e+08
ADC
QT Input Channel

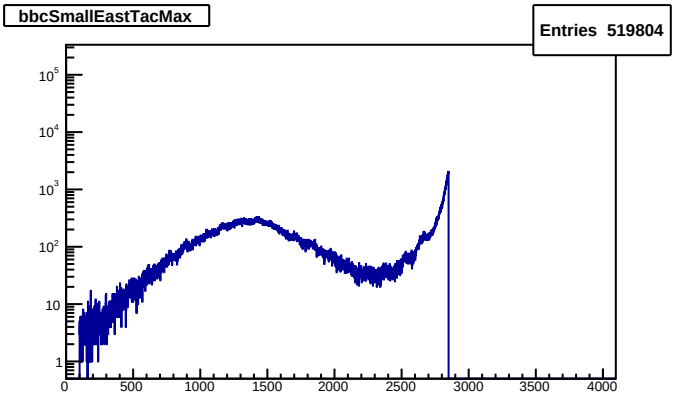

EQ3 QTB
Entries 3.982641e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.990118e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.990118e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 519804


bbcSmallEastAdcSumVsSimu
Entries 343503
Data
Simu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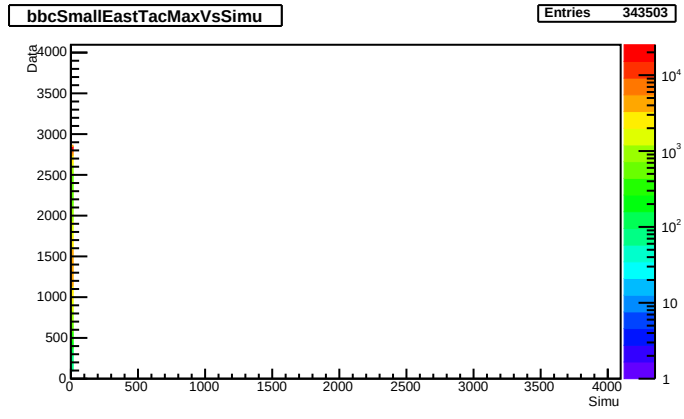
Entries 519804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Entries 343503
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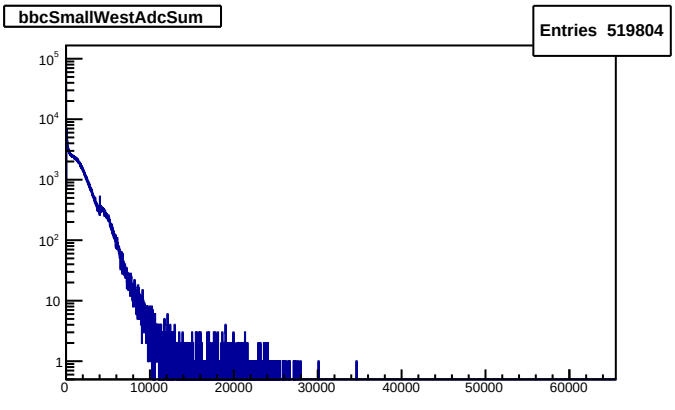
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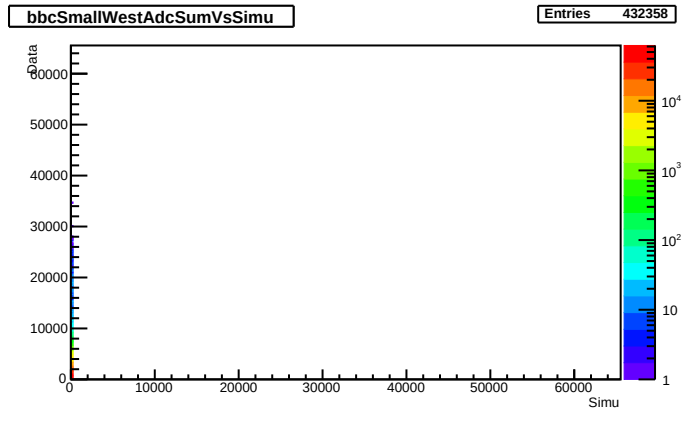
Entries 519804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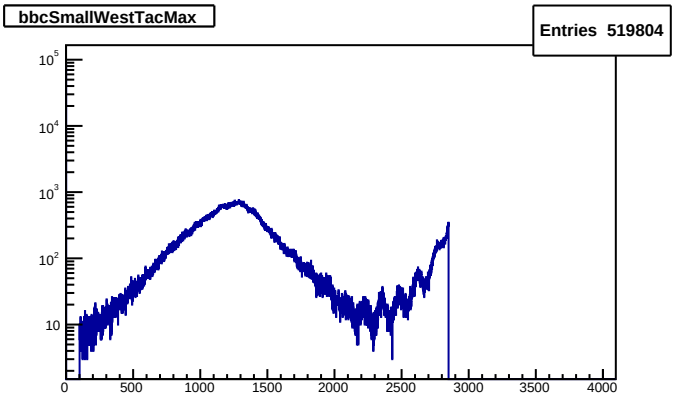
Simu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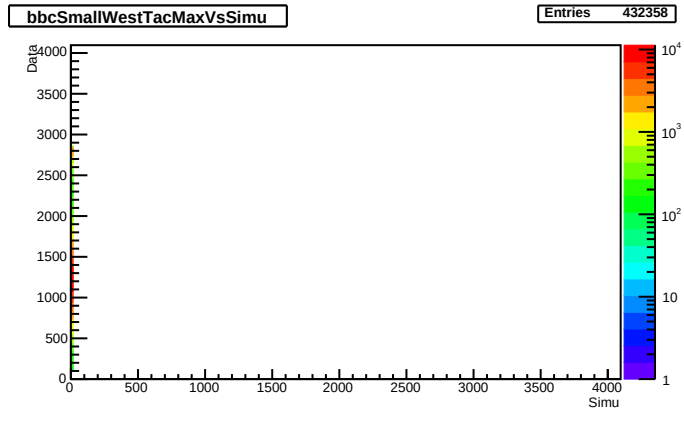
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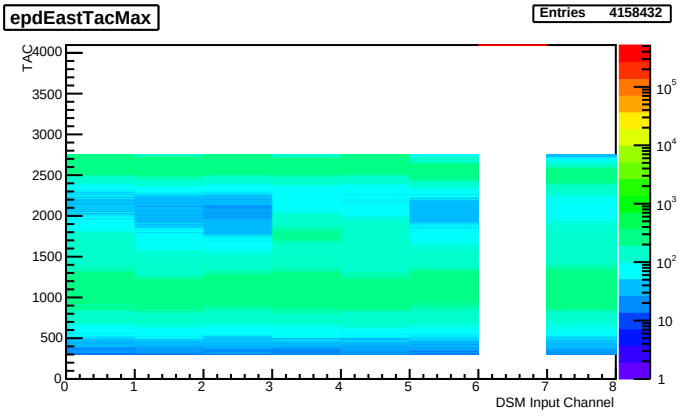
Entries 432358
Data
Simu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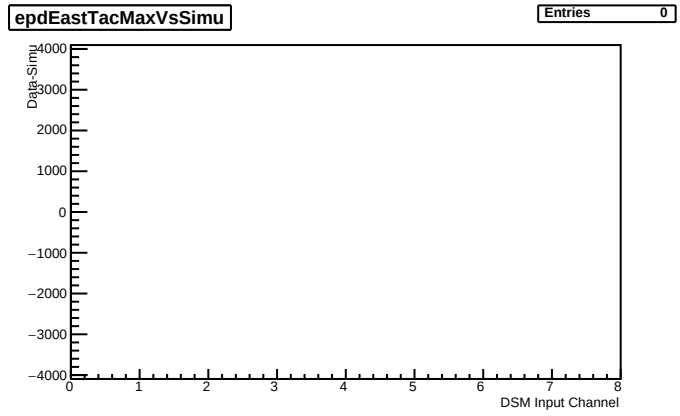
Entries 4158432
TAC
DSM Input Channel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Entries 0
Data-Simu
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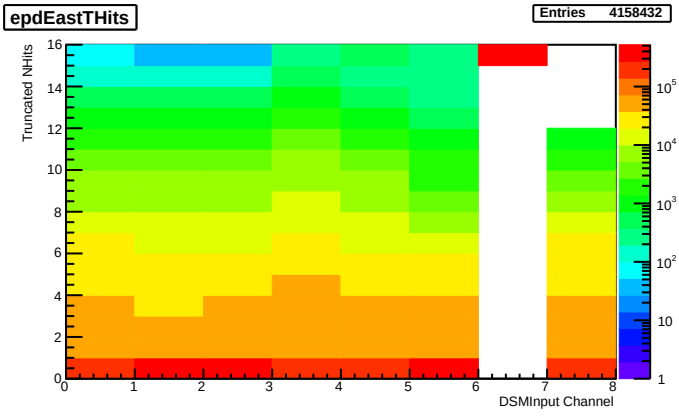
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Entries 4158432
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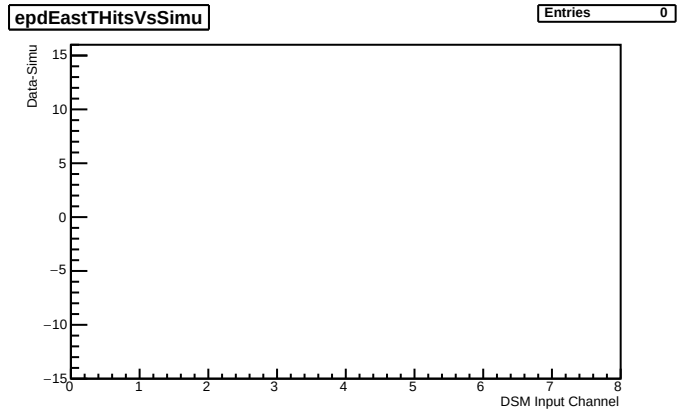
DSMInput Channel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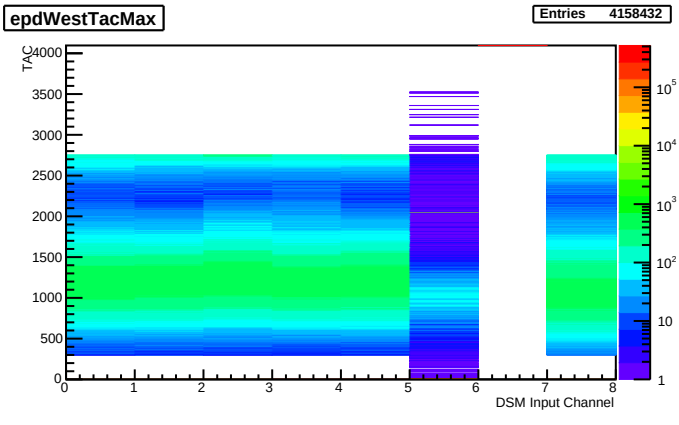
DSM Input Channel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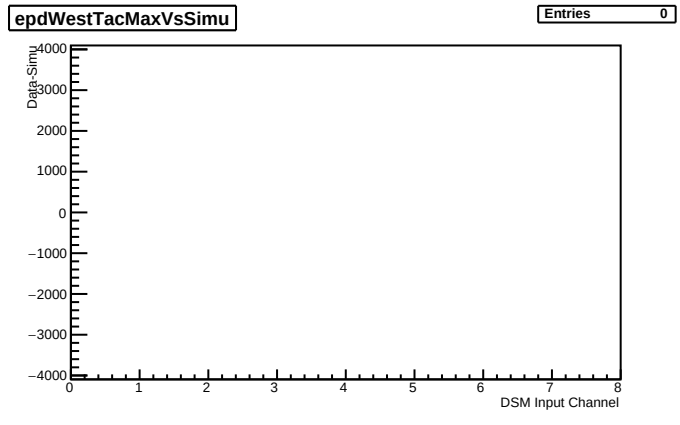
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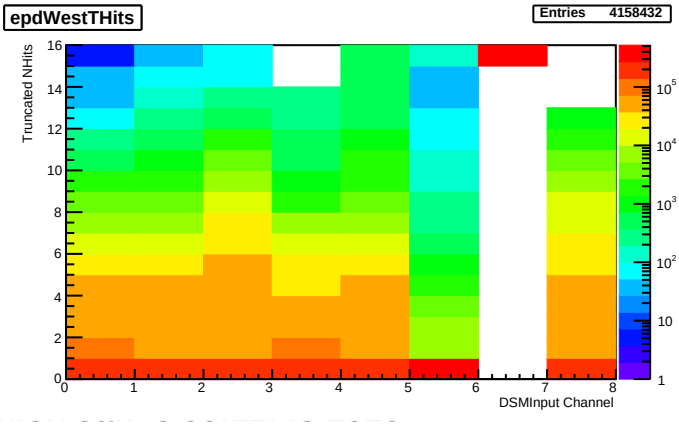
DSM Input Channel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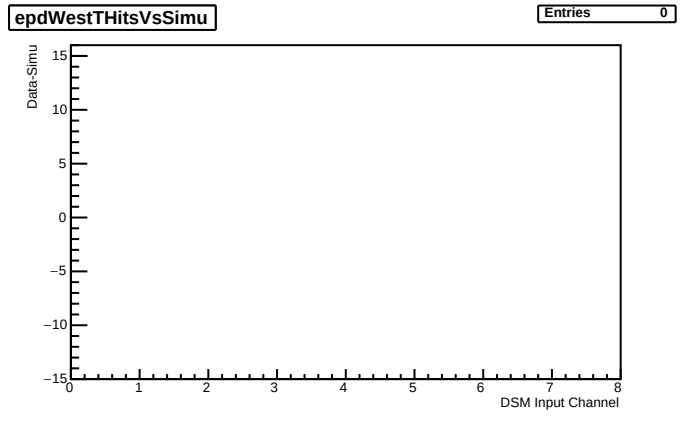
Entries 4158432
Truncated NHits
DSMInput Channel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Entries 0
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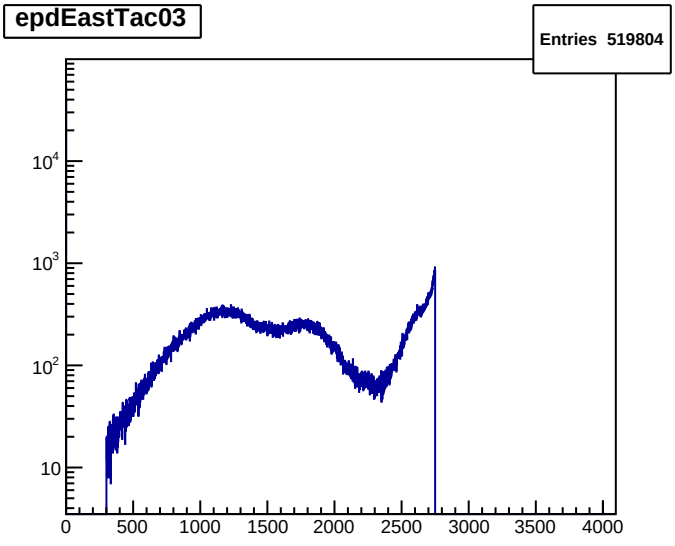
DSM Input Channel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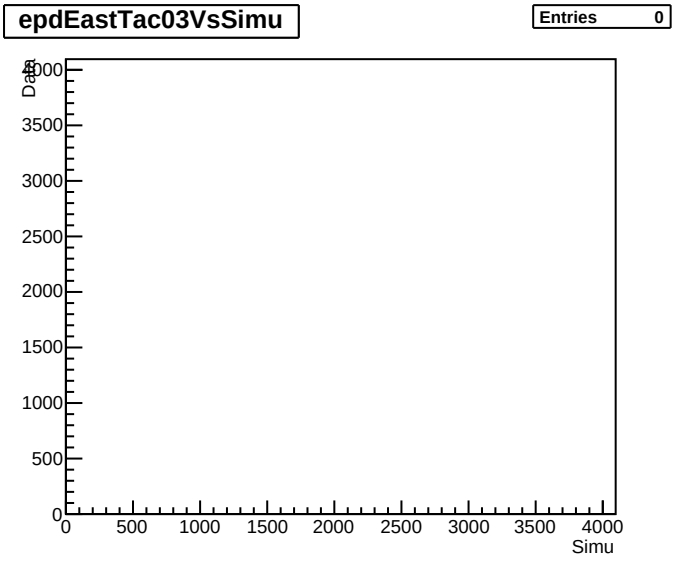
Entries 519804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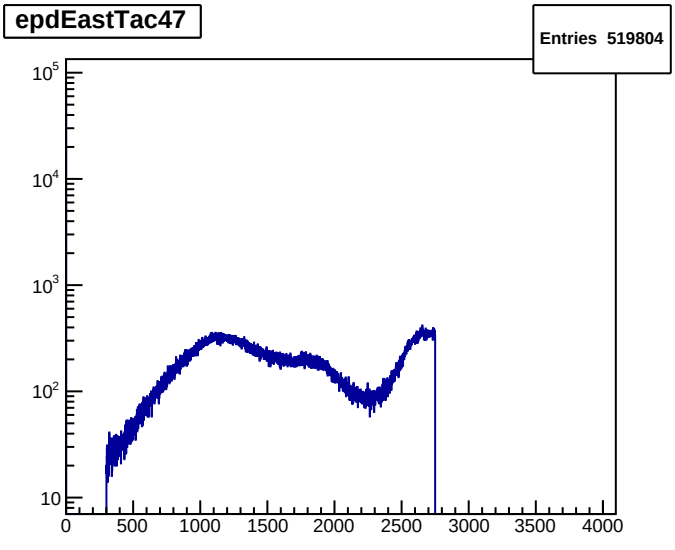
Entries 0
Data
Simu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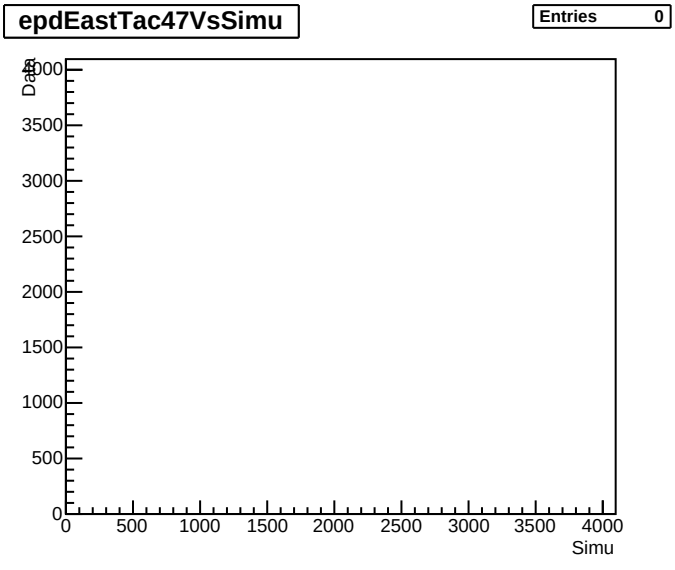
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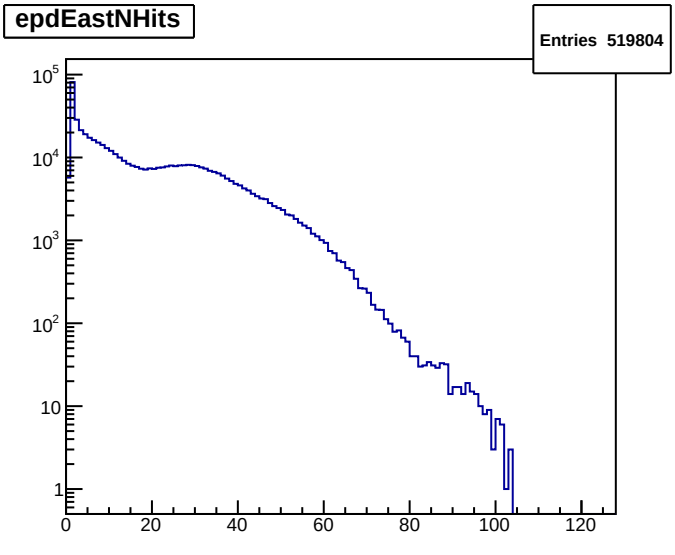
Entries 0
Data
Simu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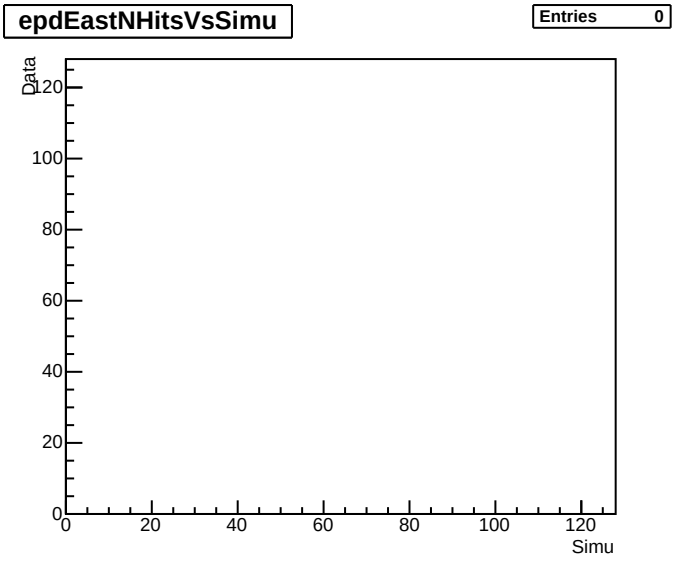
Entries 519804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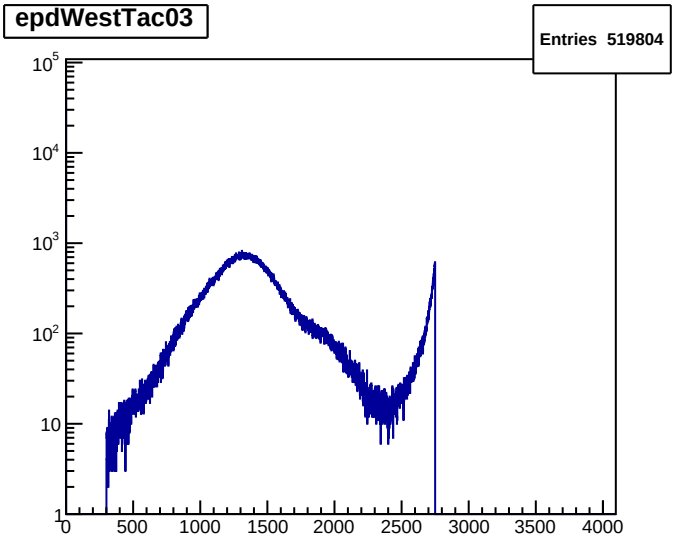
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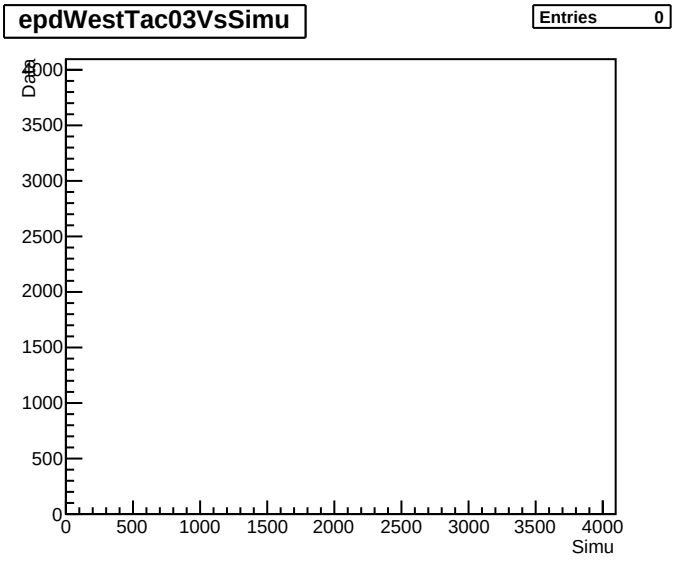
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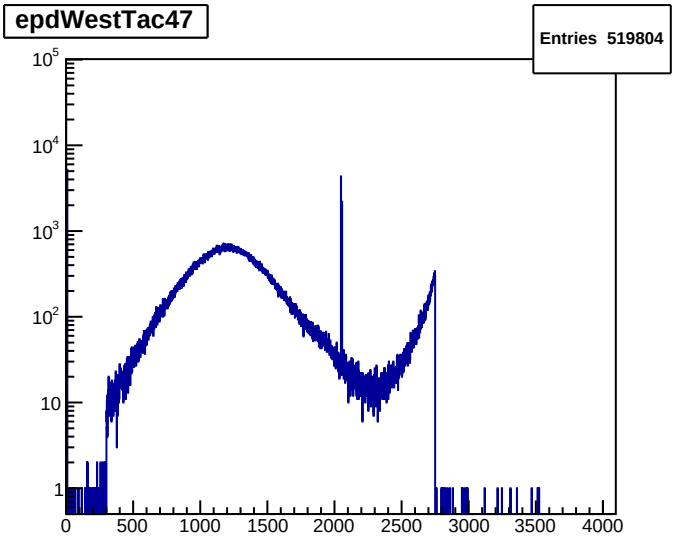
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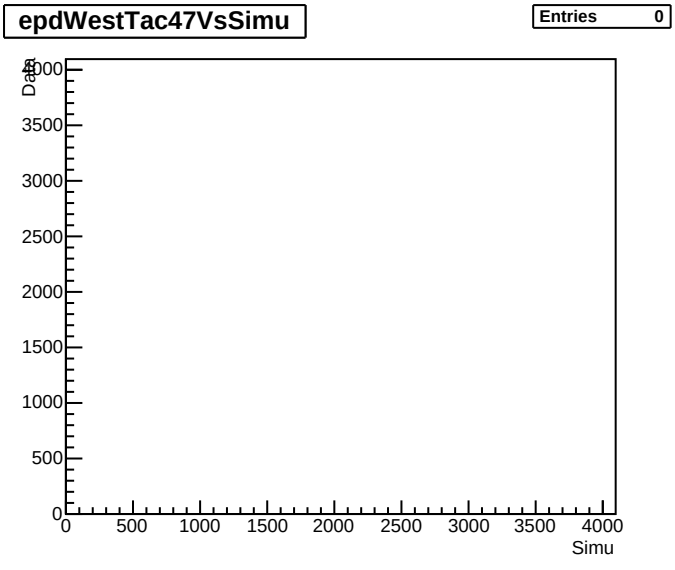
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Entries 0
Data
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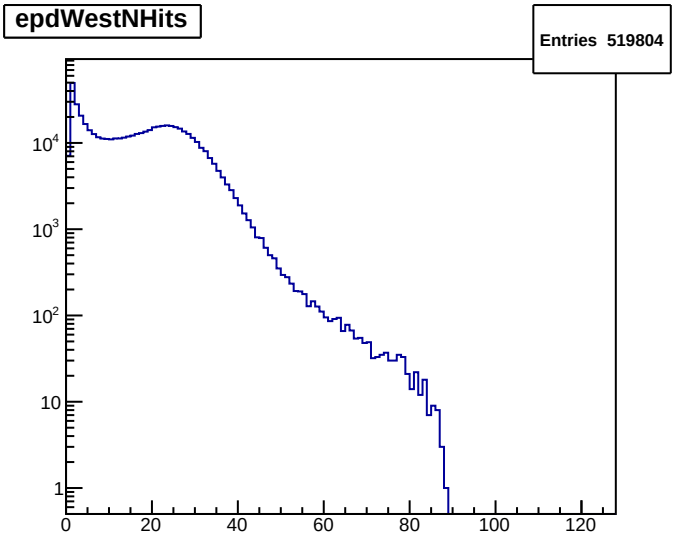
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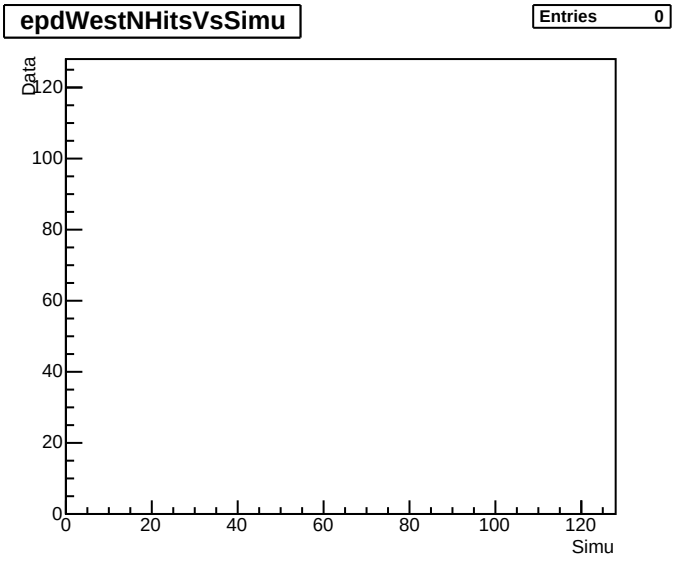
Entries 519804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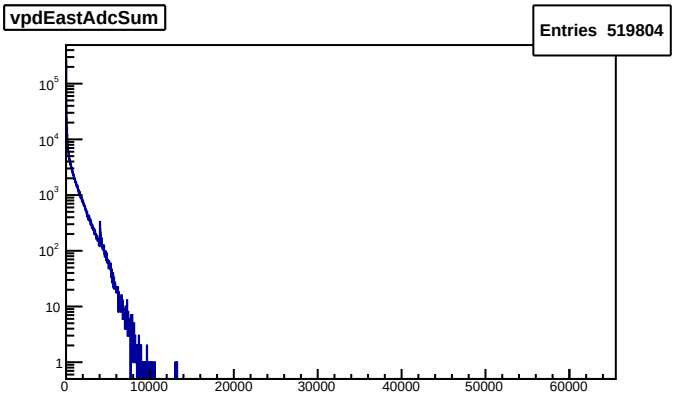
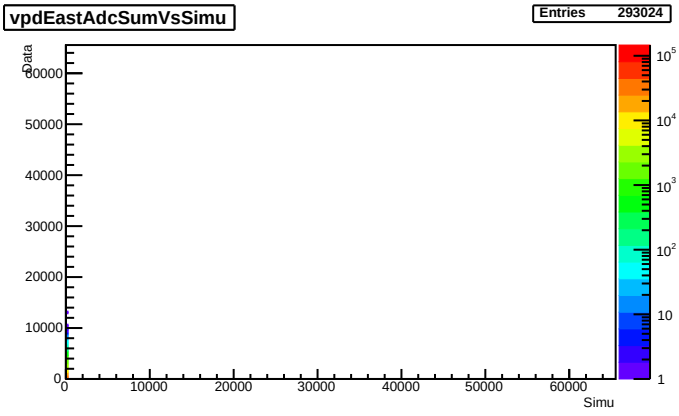
Entries 0
Data
Simu


vpdEastAdcSum
Entries 519804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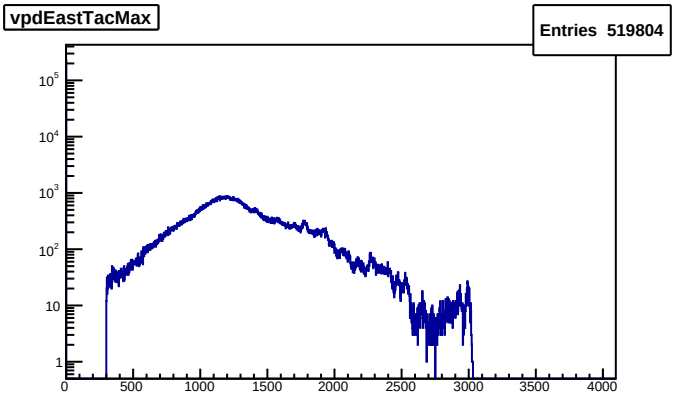
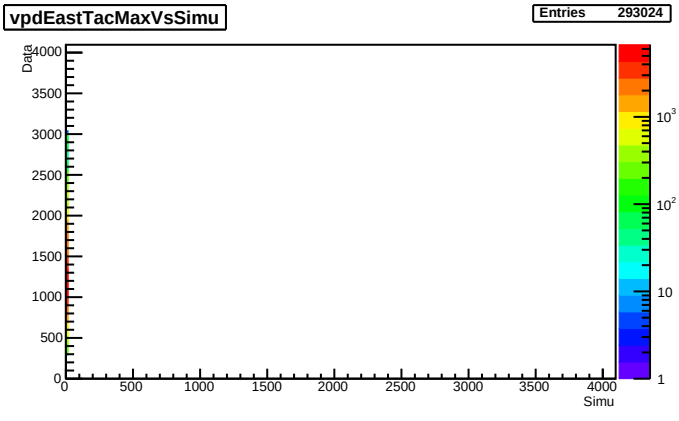
Entries 293024
Data
Simu


vpdEastTacMax
Entries 519804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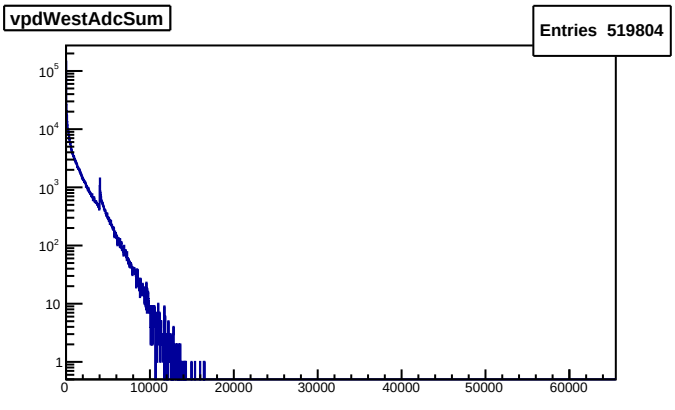
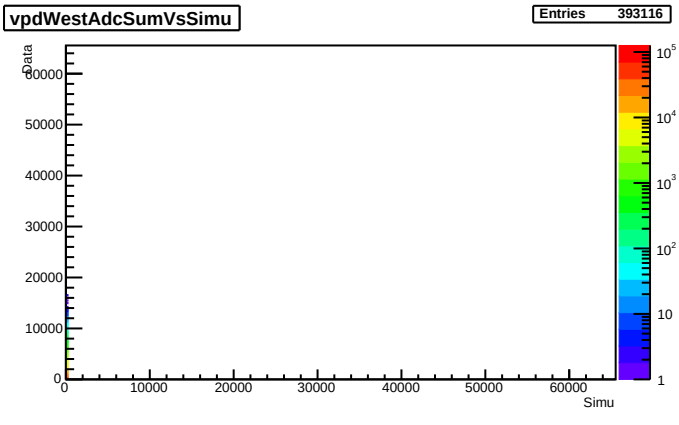
Entries 293024
Data
Simu


vpdWestAdcSum
Entries 519804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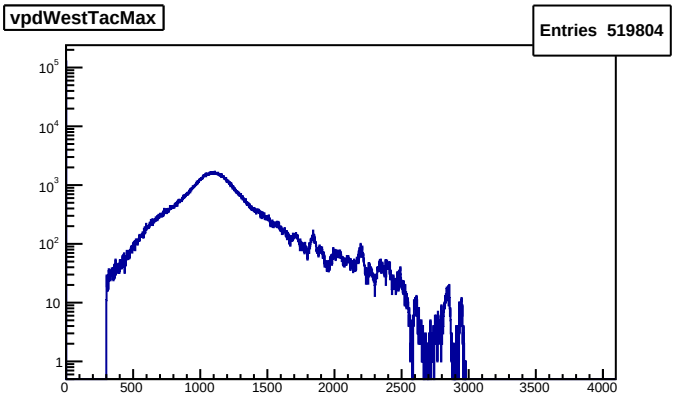
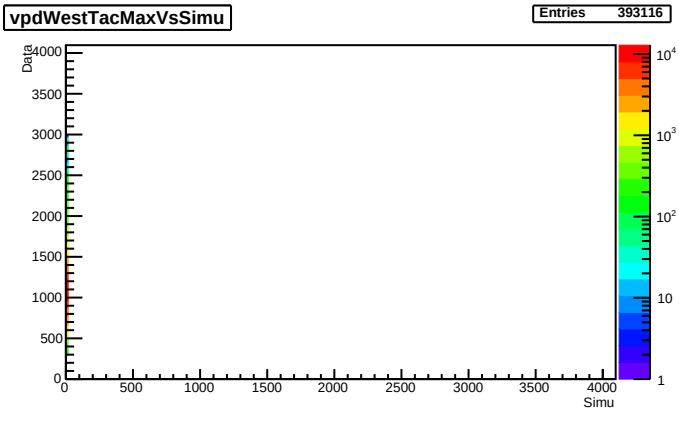
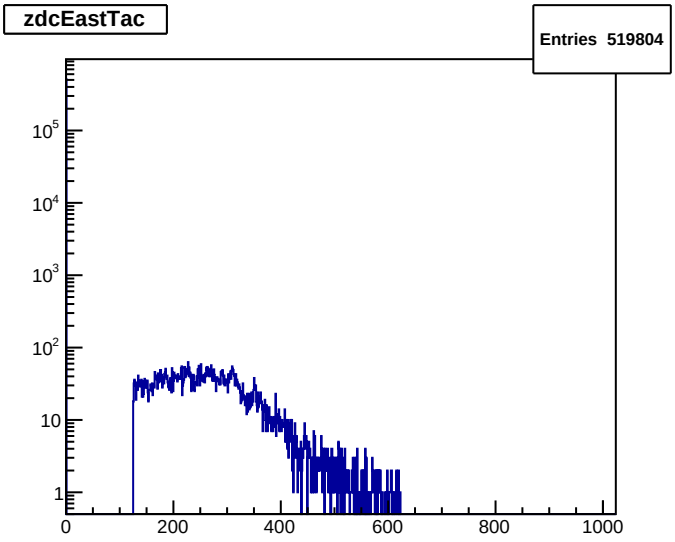
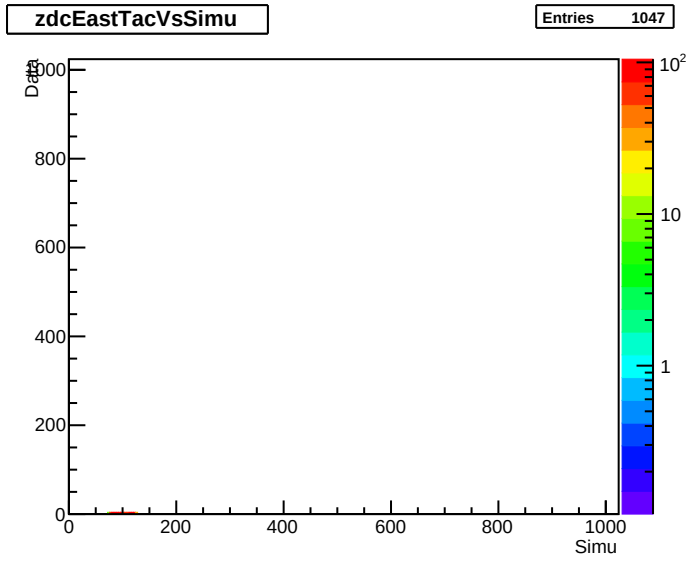
Entries 393116
Data
Simu


vpdWestTacMax
Entries 519804


vpdWestTacMaxVsSimu
Entries 393116
Data
Simu


zdcEastTac
Entries 519804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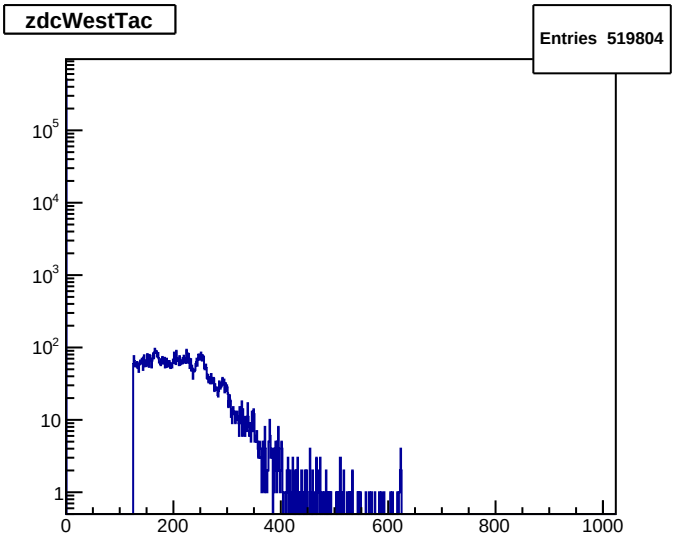
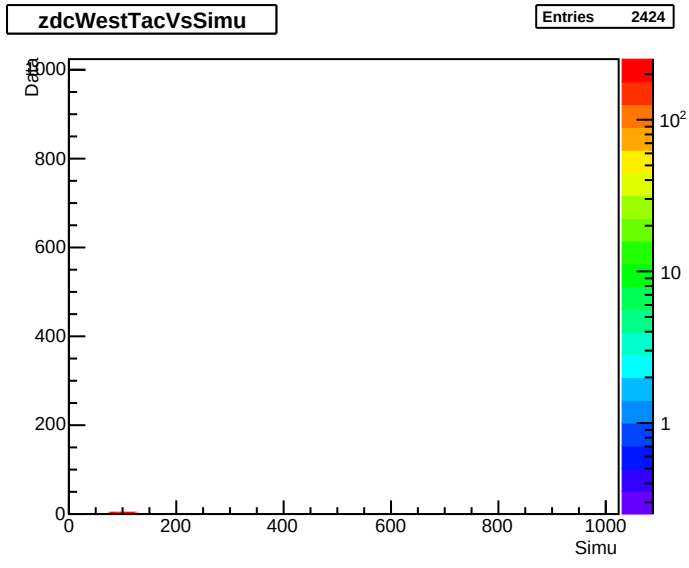
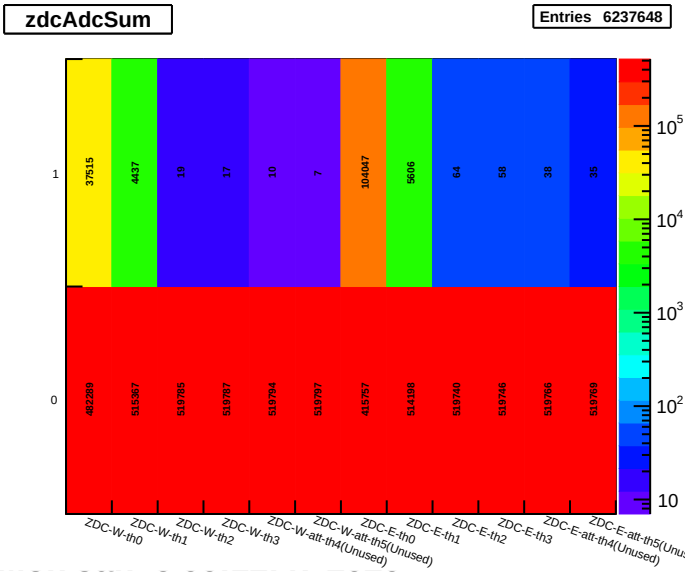
Entries 1047
Data
Simu


zdcWestTac
Entries 519804


zdcWestTacVsSimu
Entries 2424
Data
Simu


zdcAdcSum
Entries 6237648
37515
4437
19
17
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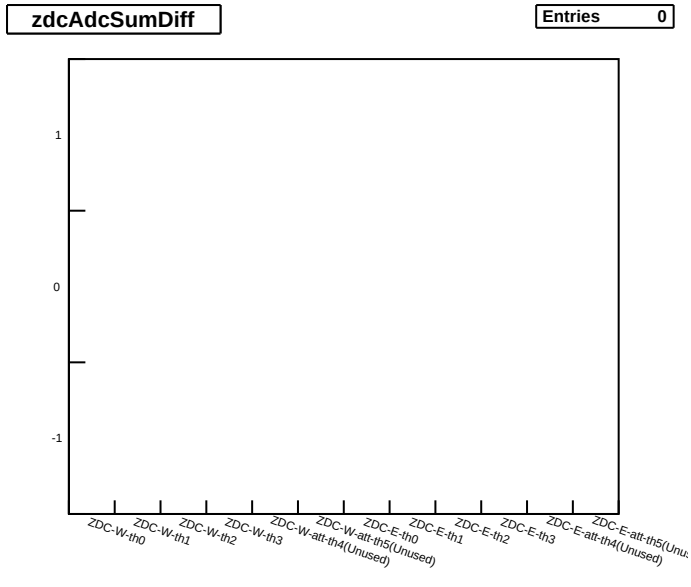
7
104047
5606
64
58
38
35
482289
515367
519785
519787
519794
519797
415757
514198
519740
519746
519766
519769
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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)
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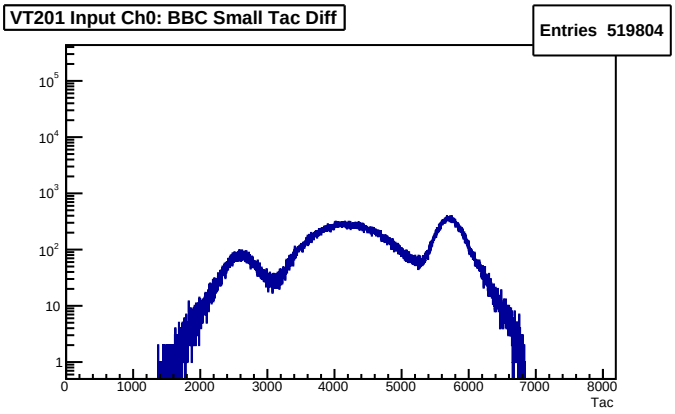
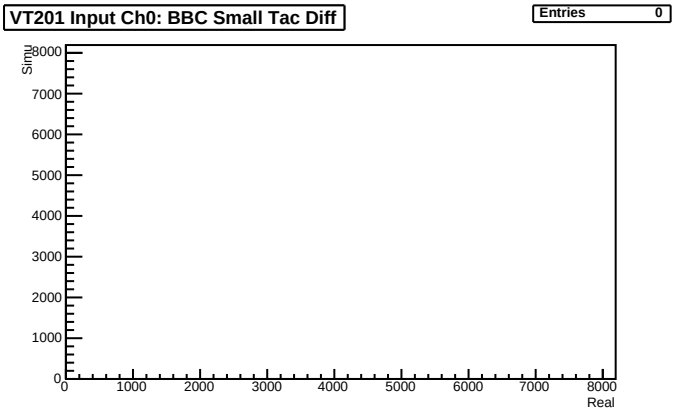
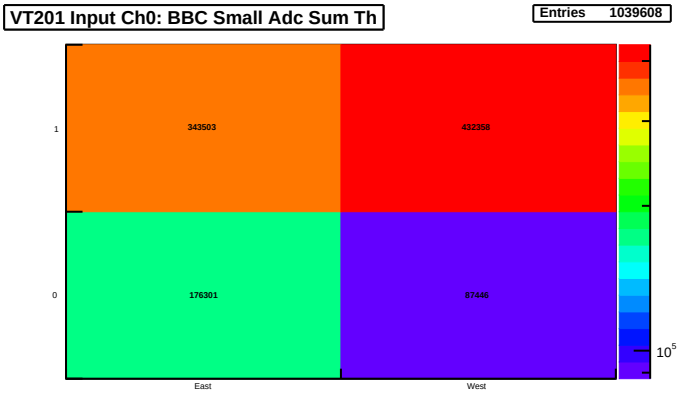
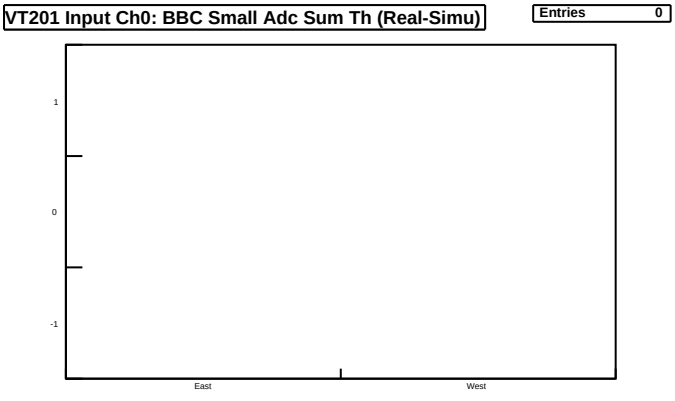
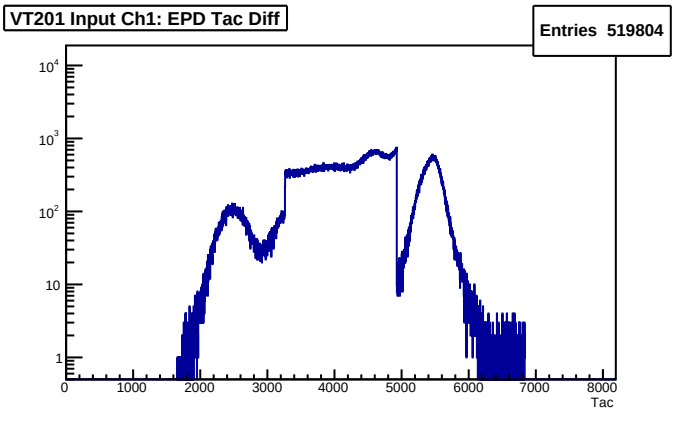
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

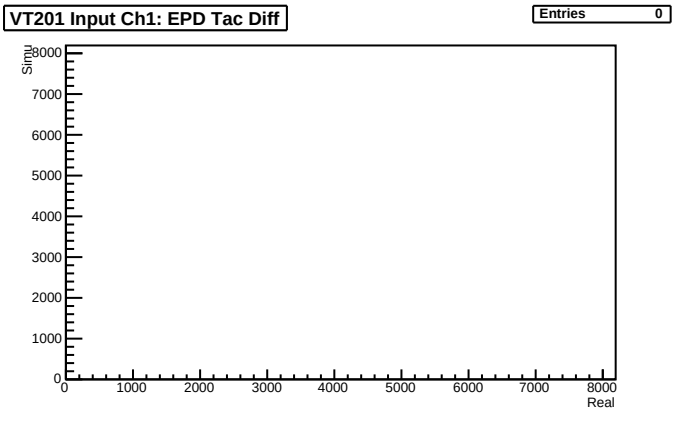

VT201 Input Ch0: BBC Small Tac Diff
Entries 519804
Tac

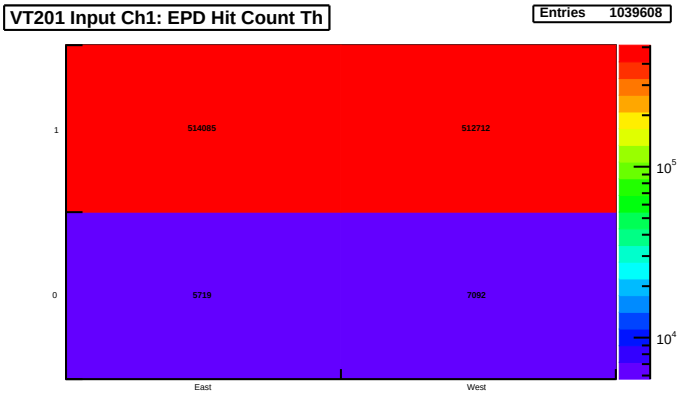

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

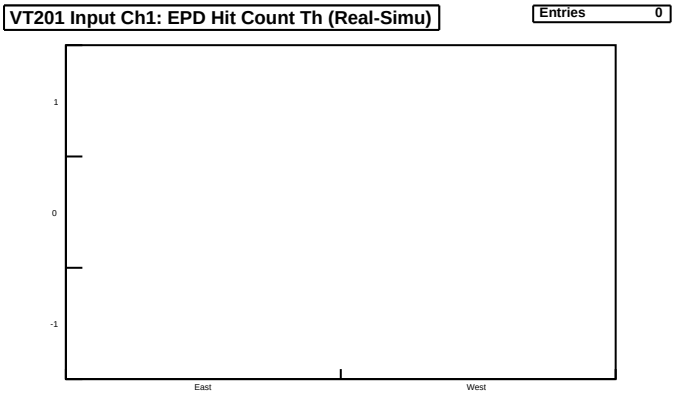

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1039608
343503
432358
176301
87446
East
West

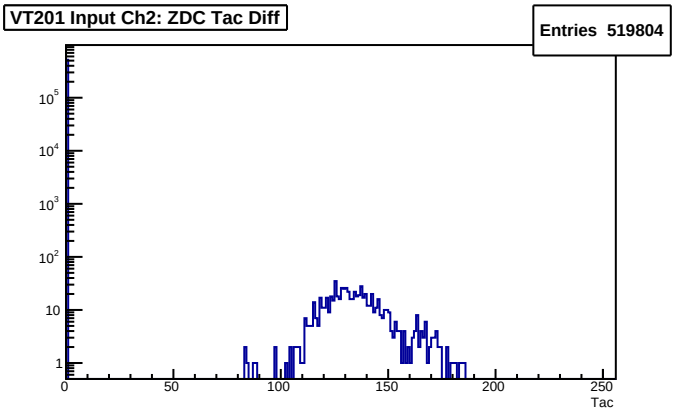

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

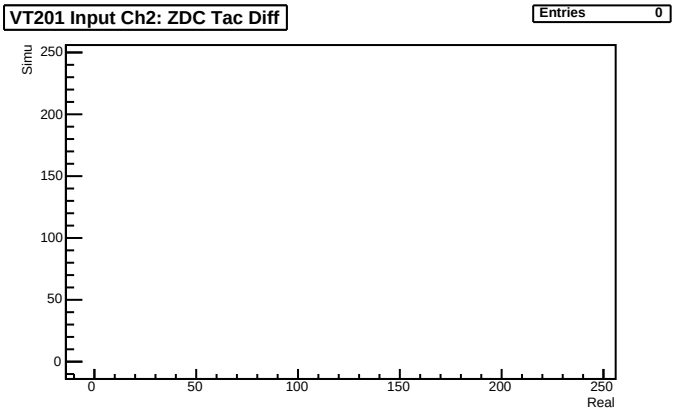

VT201 Input Ch1: EPD Tac Diff
Entries 519804
Tac

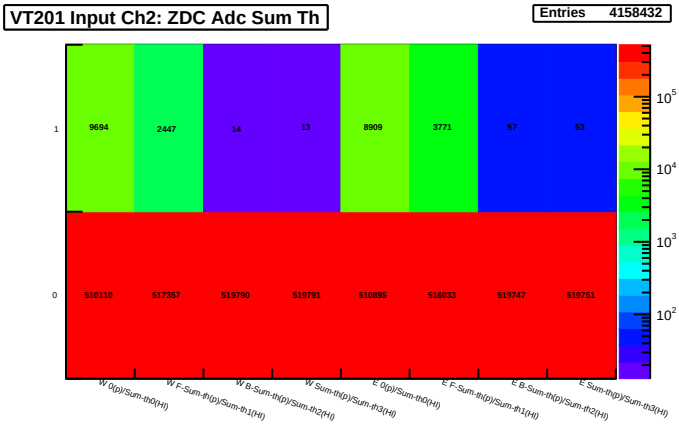

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

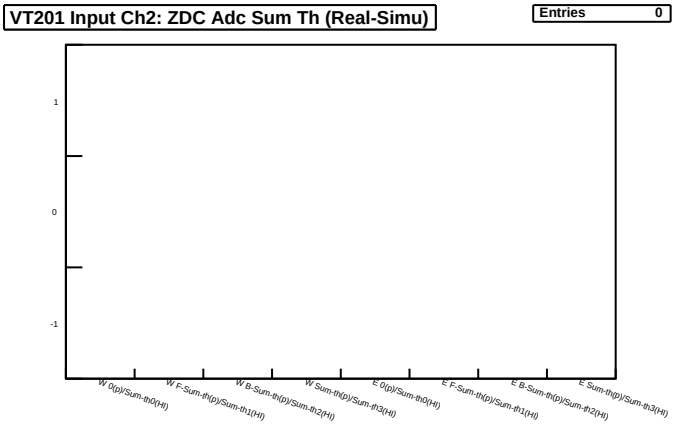

VT201 Input Ch1: EPD Hit Count Th
Entries 1039608
514085
512712
5719
7092
East
West

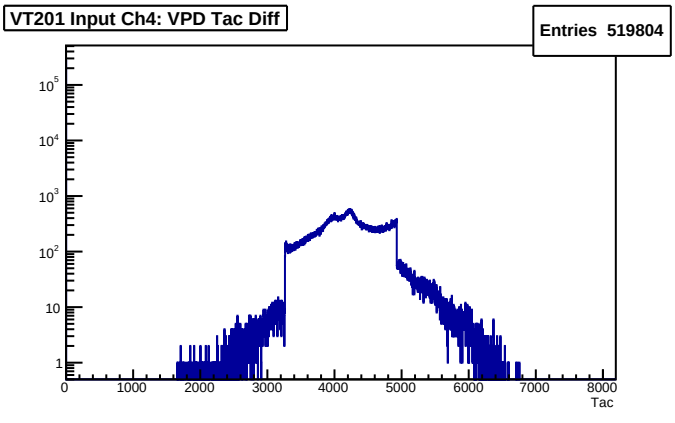

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

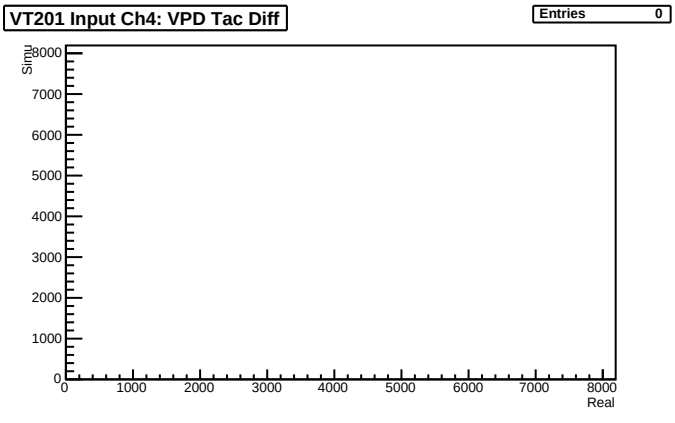

VT201 Input Ch2: ZDC Tac Diff
Entries 519804
Tac

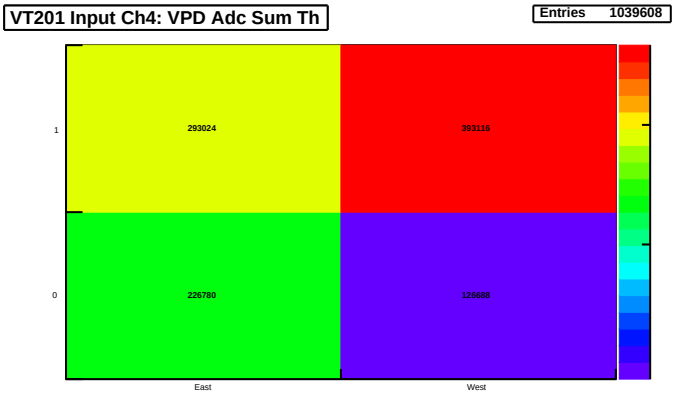

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

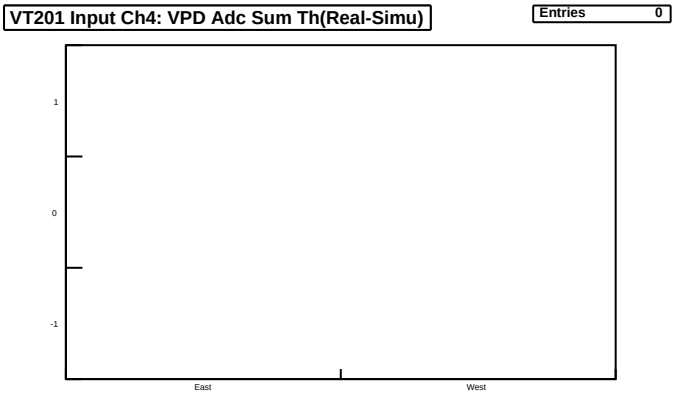

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4158432
9694
2447
14
13
8909
3771
57
53
510110
517357
519790
519791
510895
516033
519747
519751
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

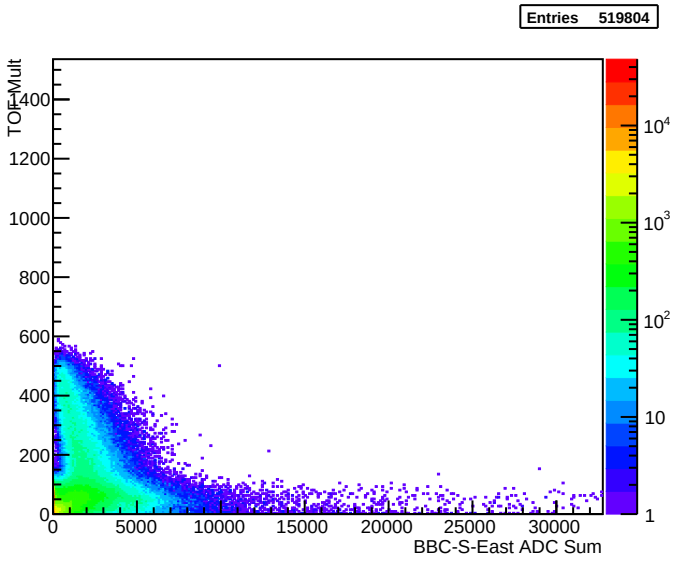

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

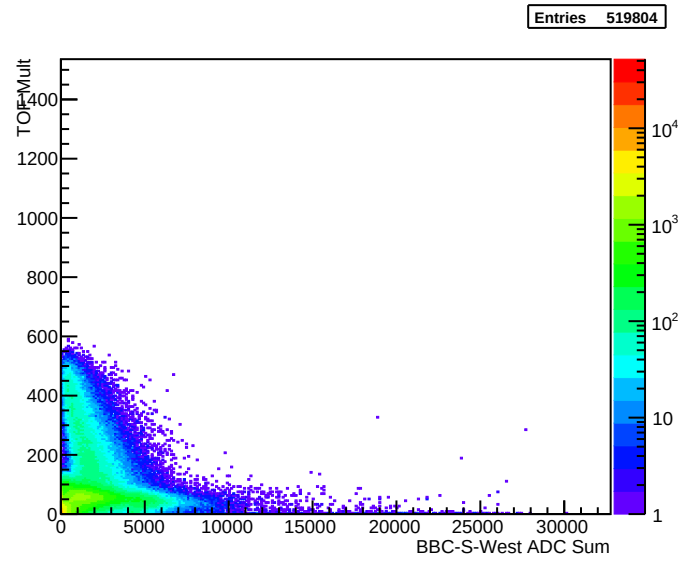

VT201 Input Ch4: VPD Tac Diff
Entries 519804
Tac

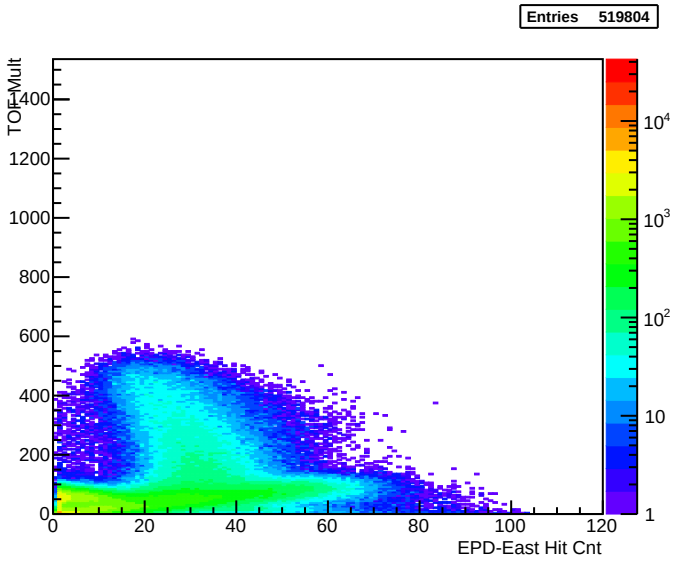

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

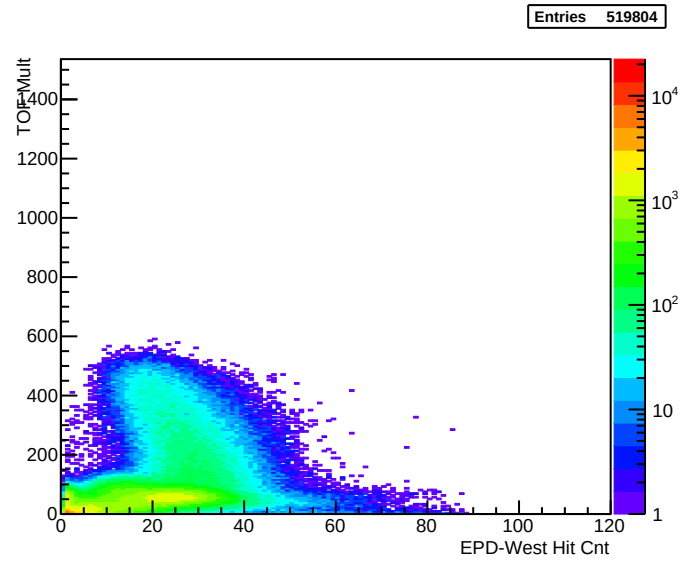

VT201 Input Ch4: VPD Adc Sum Th
Entries 1039608
293024
393116
226780
126688
East
West

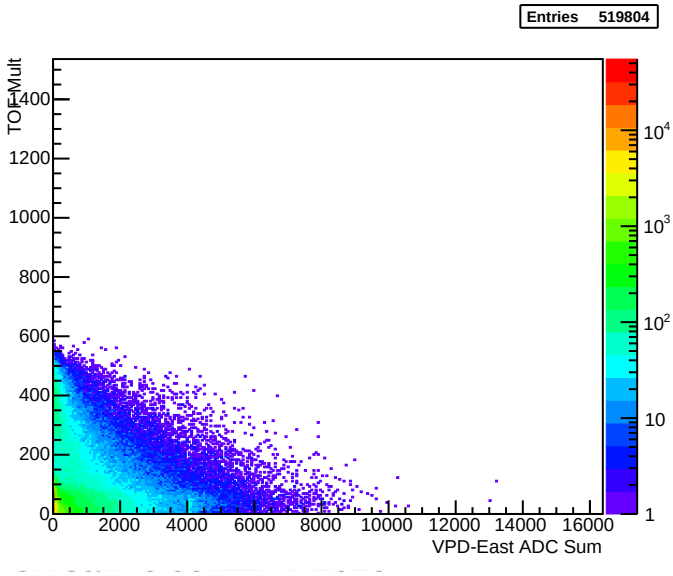

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

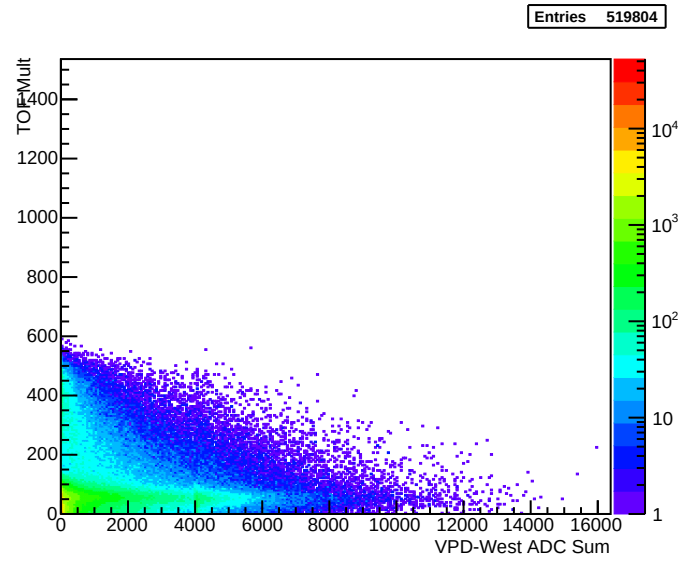

Entries 519804
TOF-Mult
BBC-S-East ADC Sum

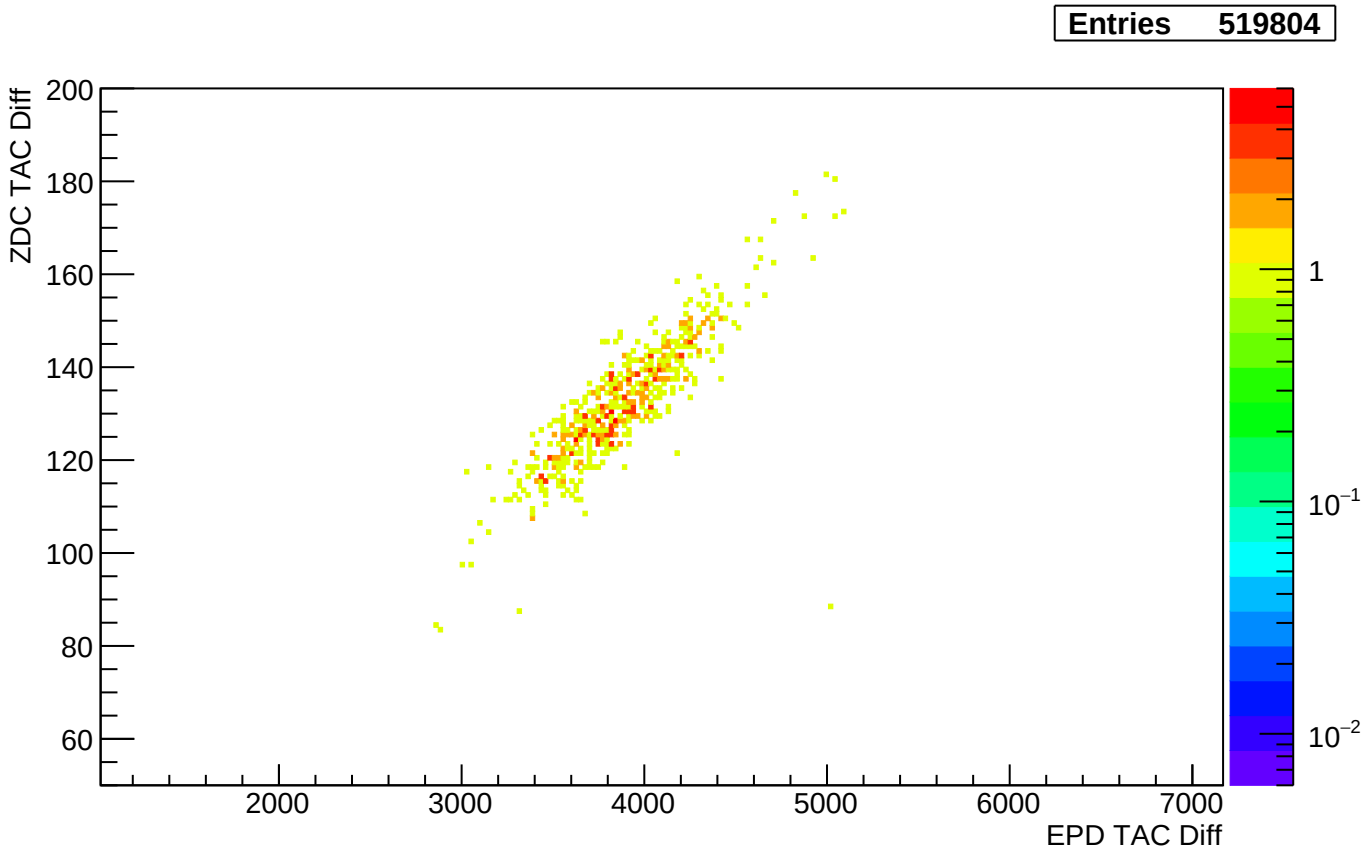

Entries 519804
TOF-Mult
BBC-S-West ADC Sum

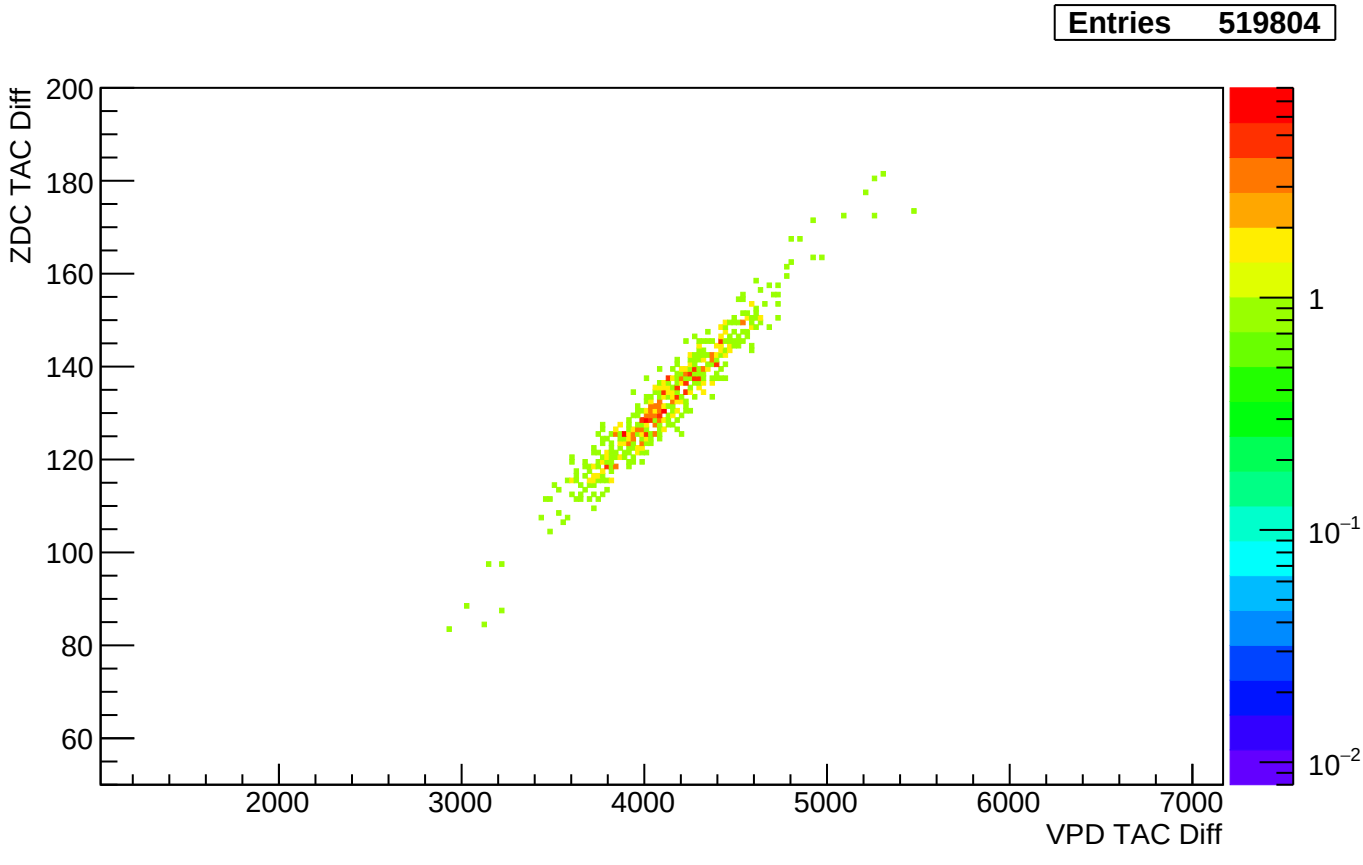

Entries 519804
TOF-Mult
EPD-East Hit Cnt

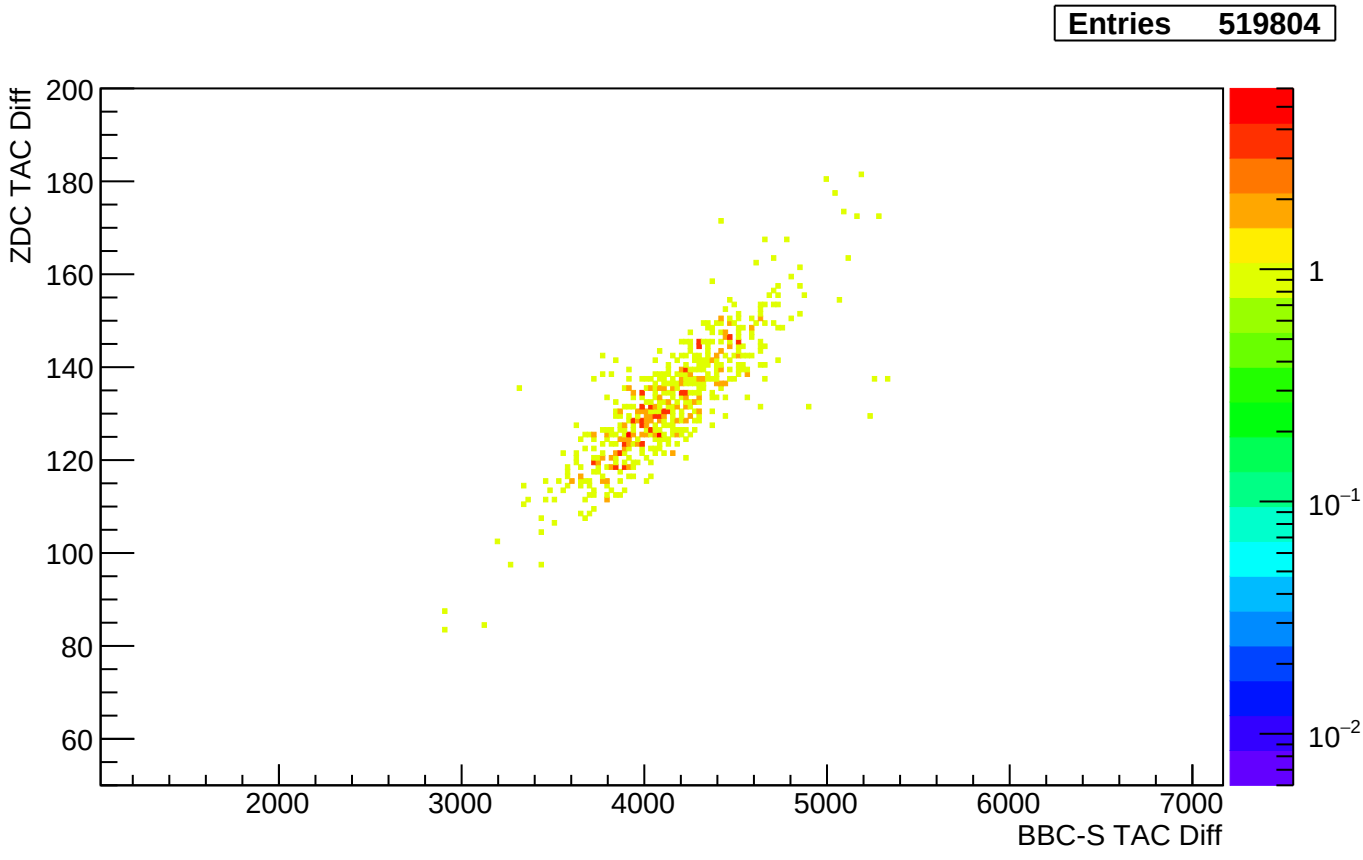

Entries 519804
TOF-Mult
EPD-West Hit Cnt

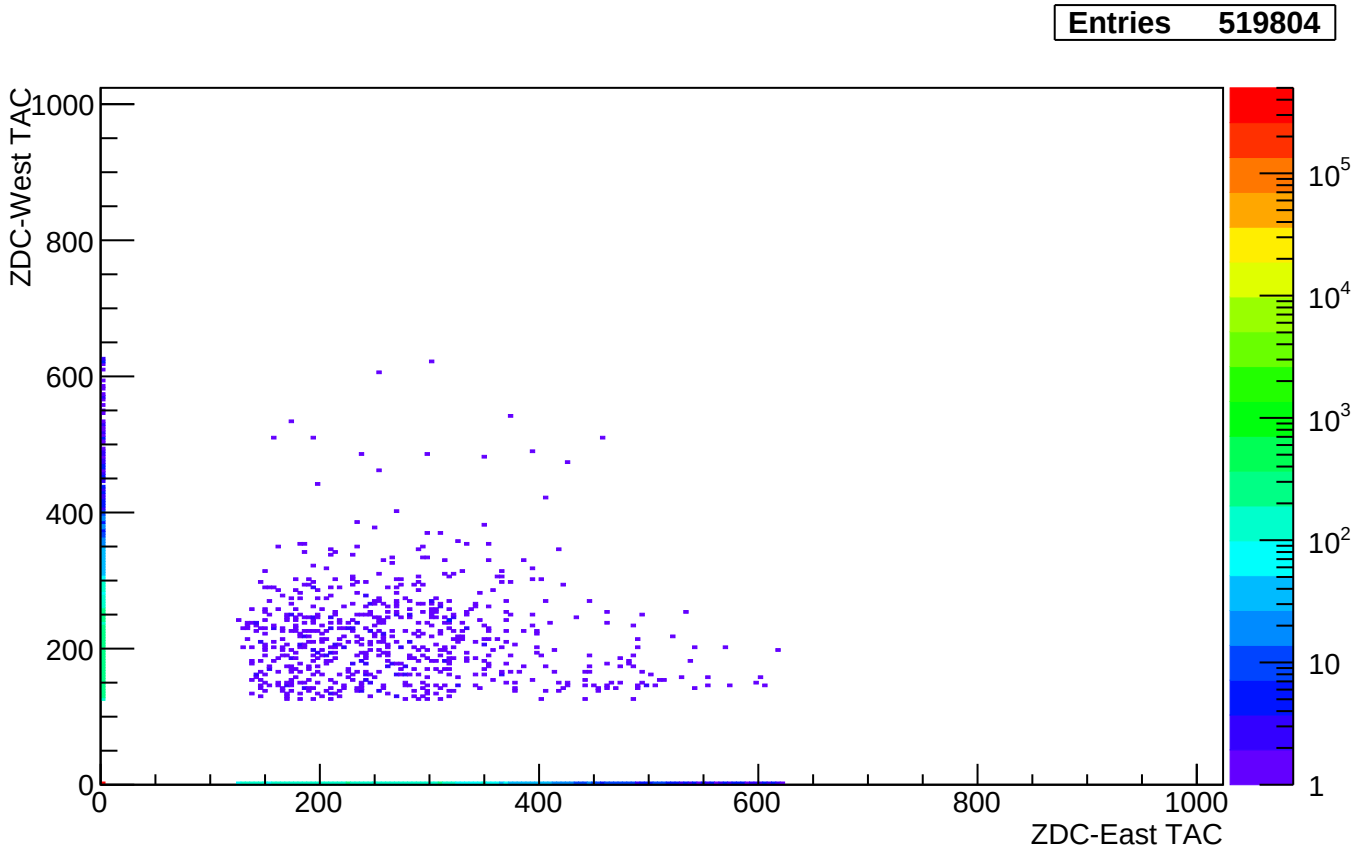

Entries 519804
TOF-Mult
VPD-East ADC Sum

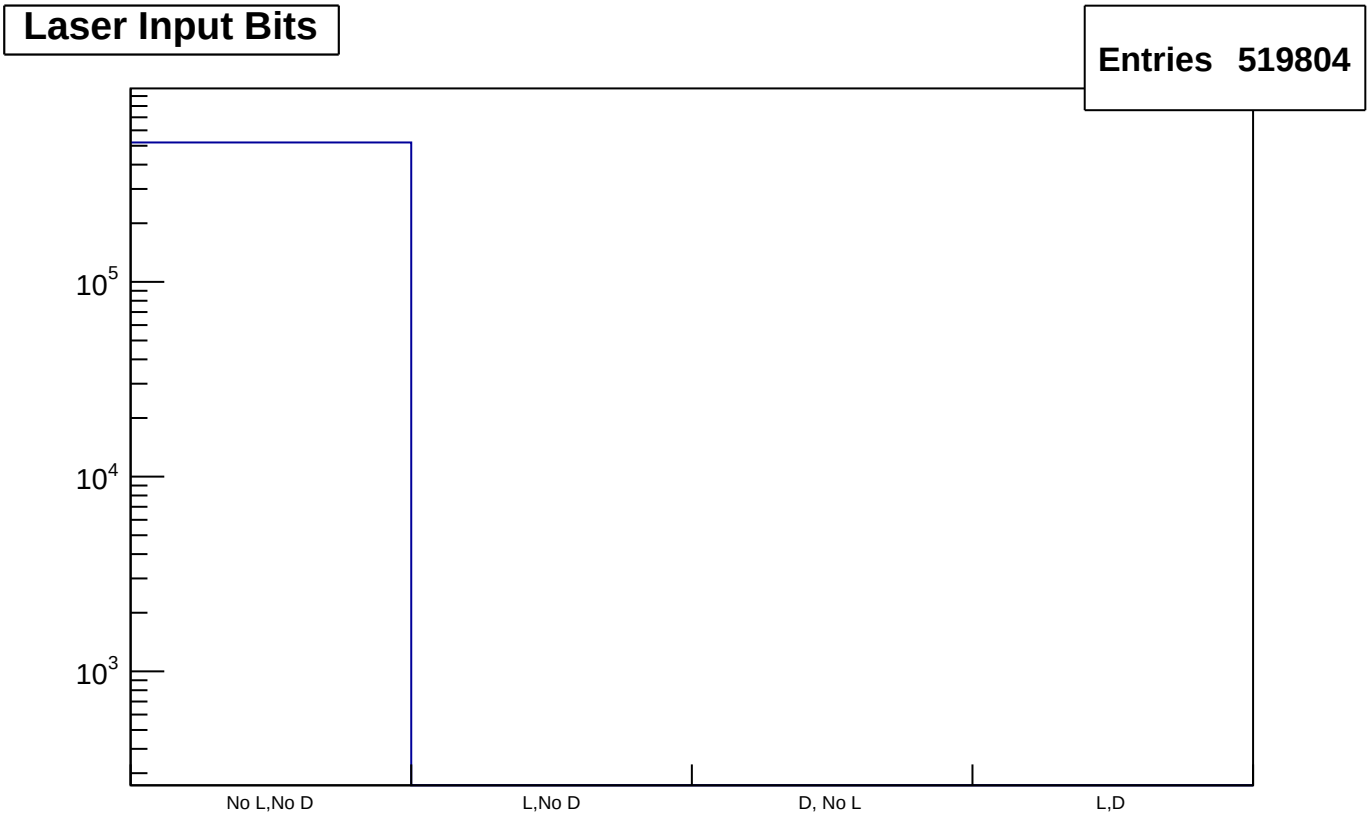

Entries 519804
TOF-Mult
VPD-West ADC Sum

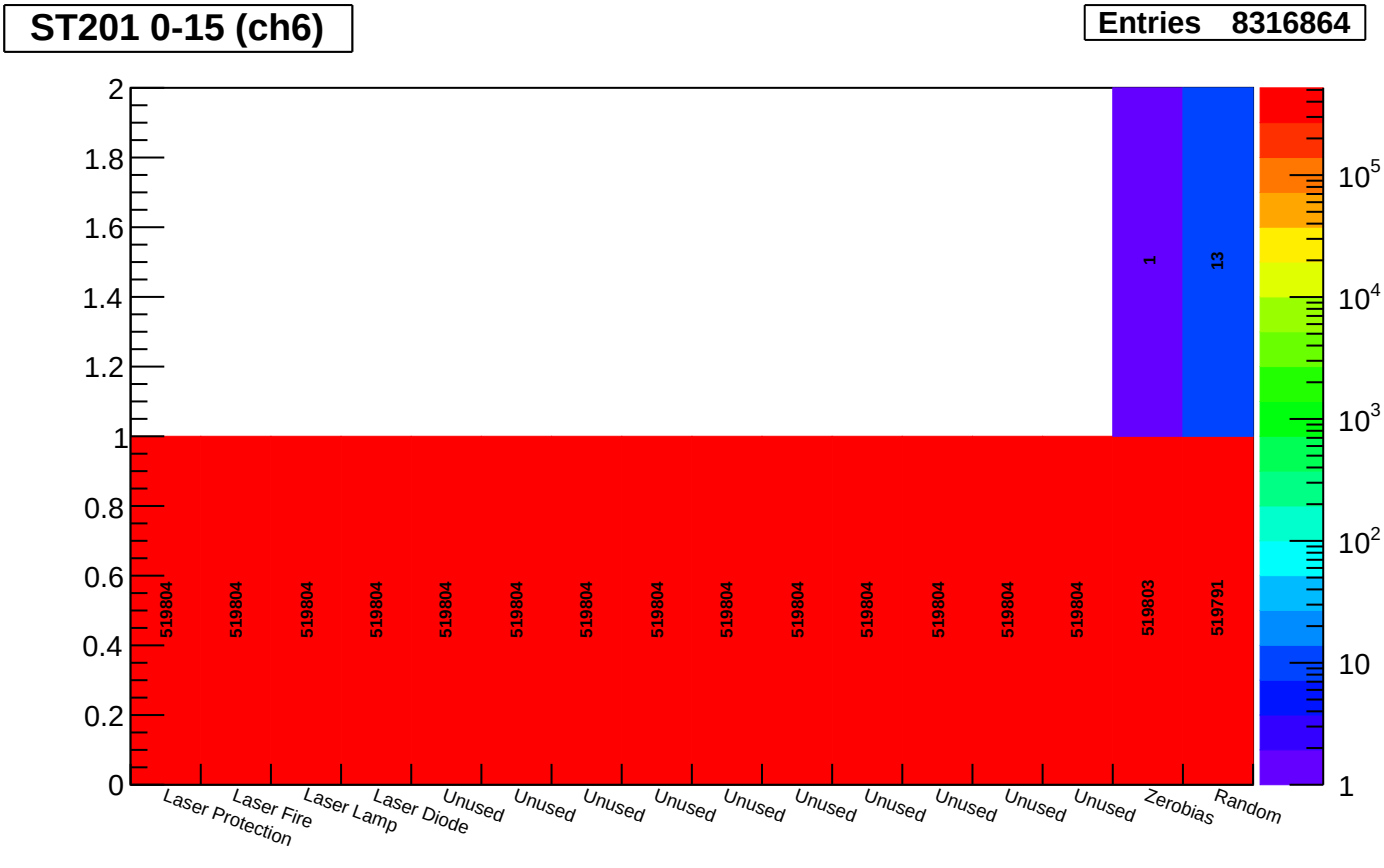

Entries 519804
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

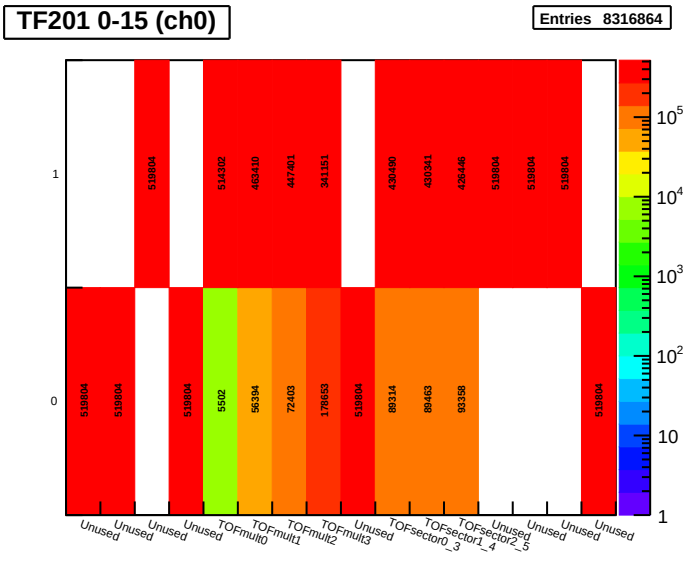

Entries 519804
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

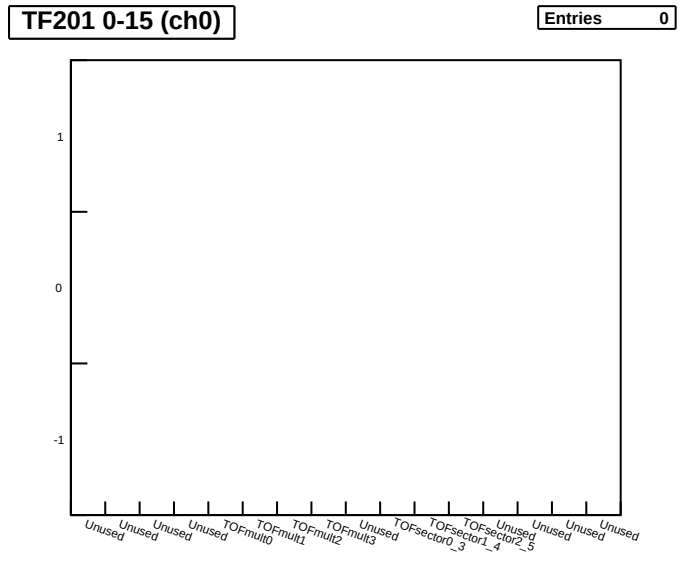

Entries 519804
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

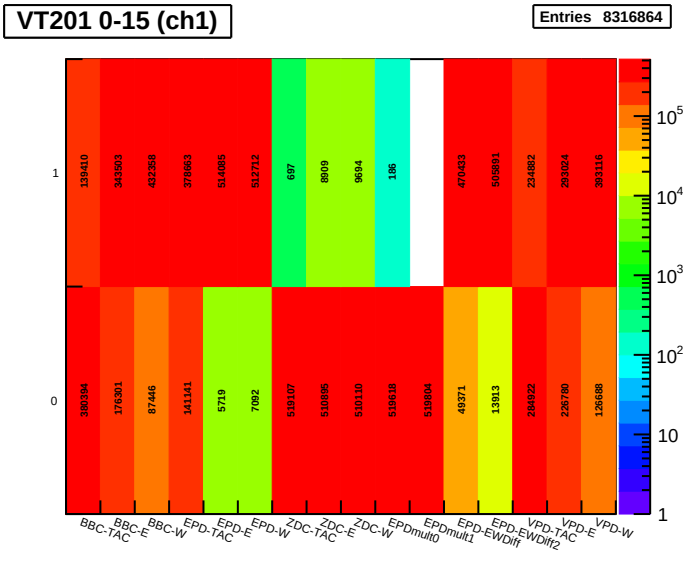

Entries 519804
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

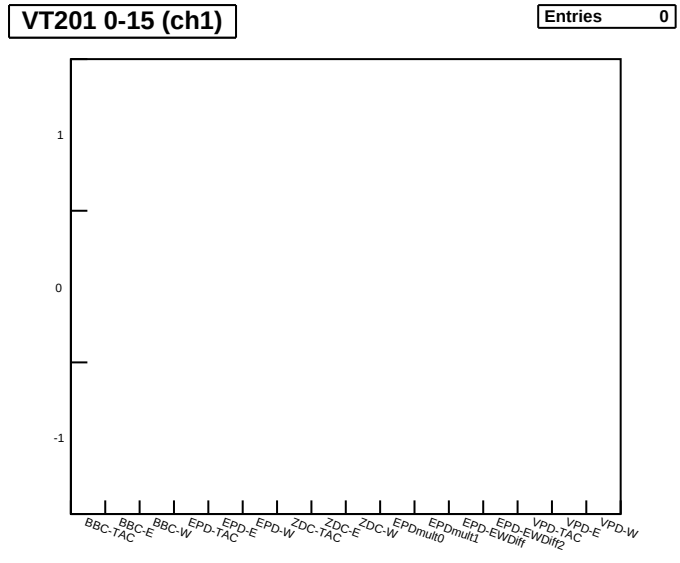

Laser Input Bits
Entries 519804
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

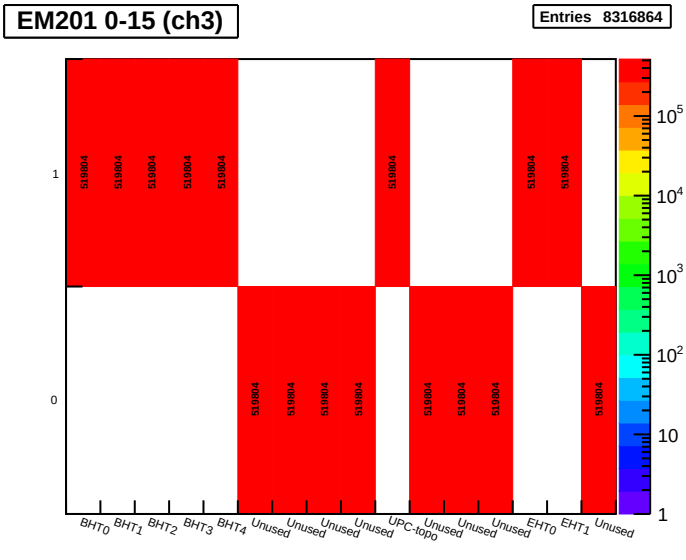

ST201 0-15 (ch6)
Entries 8316864
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
519804
519804
519804
519804
519804
519804
519804
519804
519804
519804
519804
519804
519804
519804
519803
519791
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

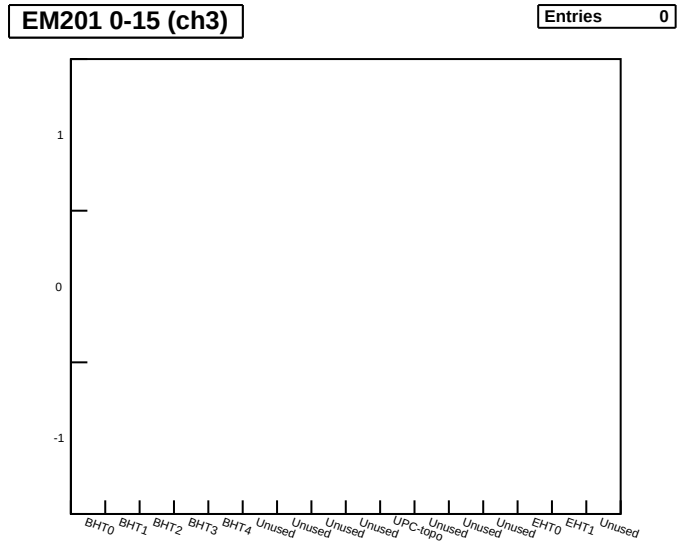

TF201 0-15 (ch0)
Entries 8316864
1
0
519804
514302
463410
447401
341151
430490
420341
426446
5502
56394
72403
178653
89314
89463
93358
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8316864
1
0
139410
343503
432358
378663
514085
512712
697
8909
9694
186
470433
505891
234882
293024
393116
380394
176301
87446
141141
5719
7092
519107
510695
510110
519618
519804
49371
13913
284922
226780
126688
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 8316864
1
0
519804
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