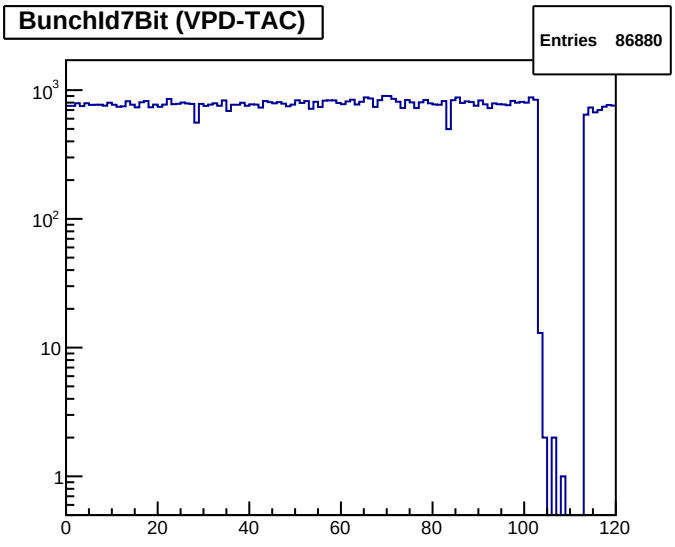
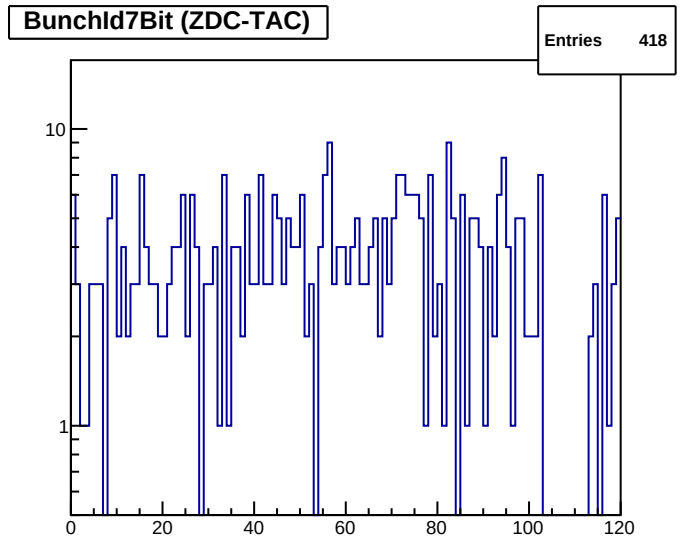
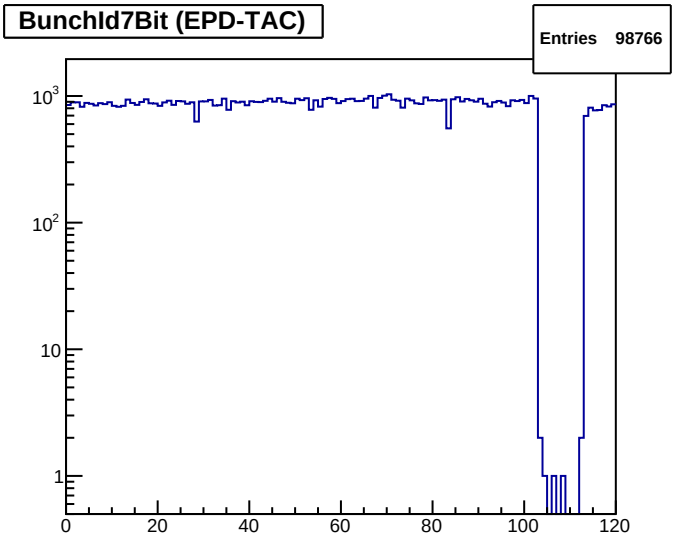
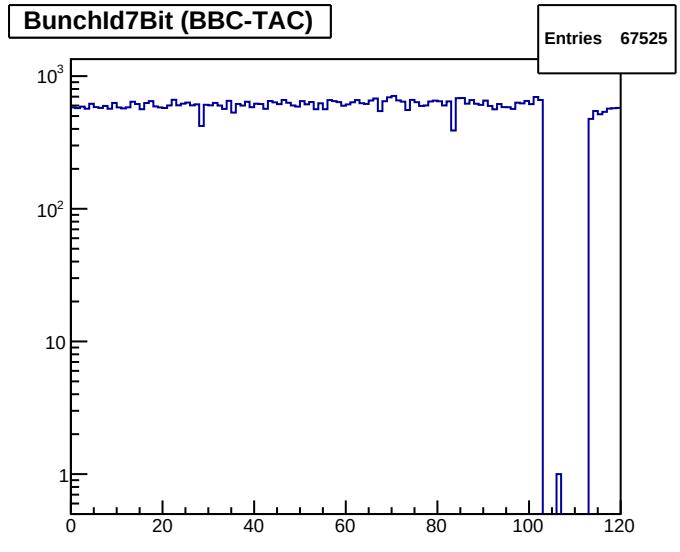
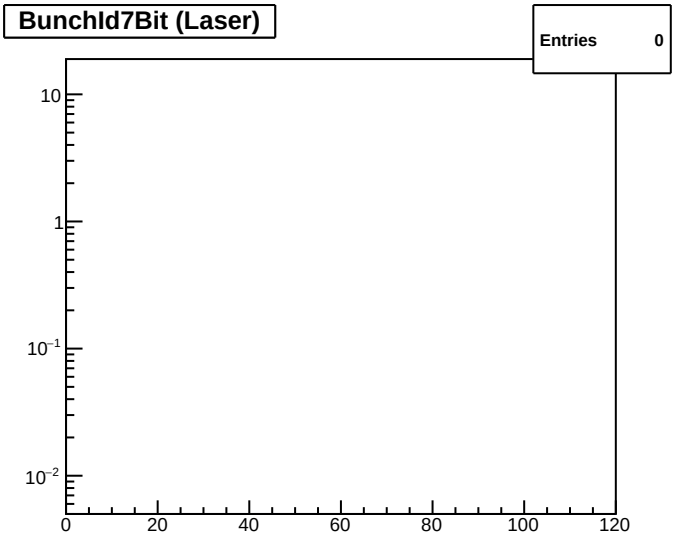
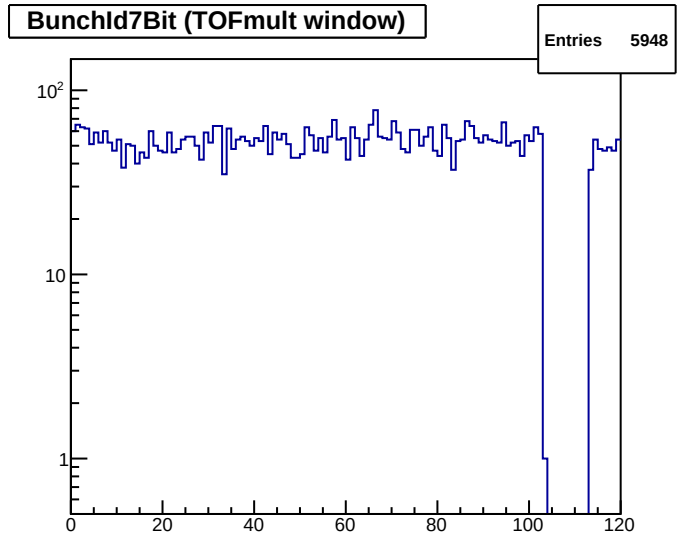

BunchId7Bit (VPD-TAC)
Entries 86880

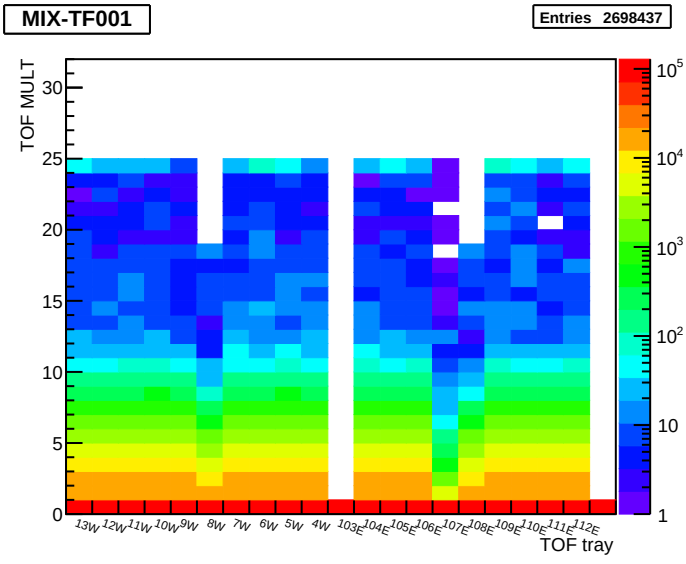

BunchId7Bit (ZDC-TAC)
Entries 418

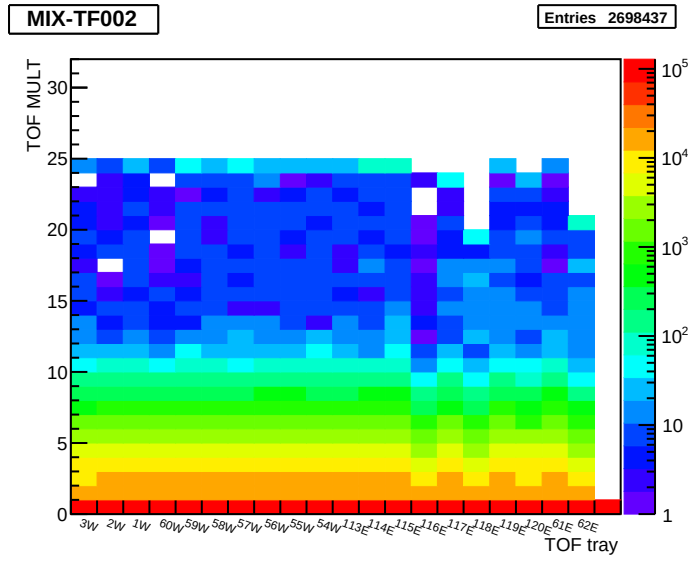

BunchId7Bit (EPD-TAC)
Entries 98766

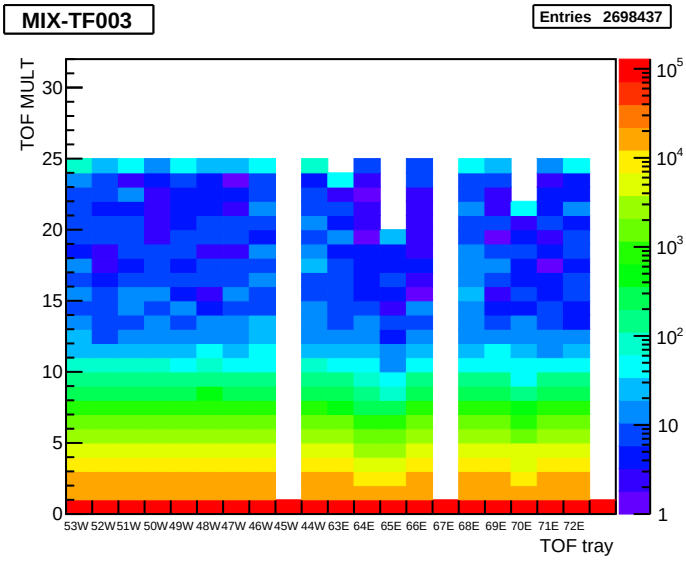

BunchId7Bit (BBC-TAC)
Entries 67525

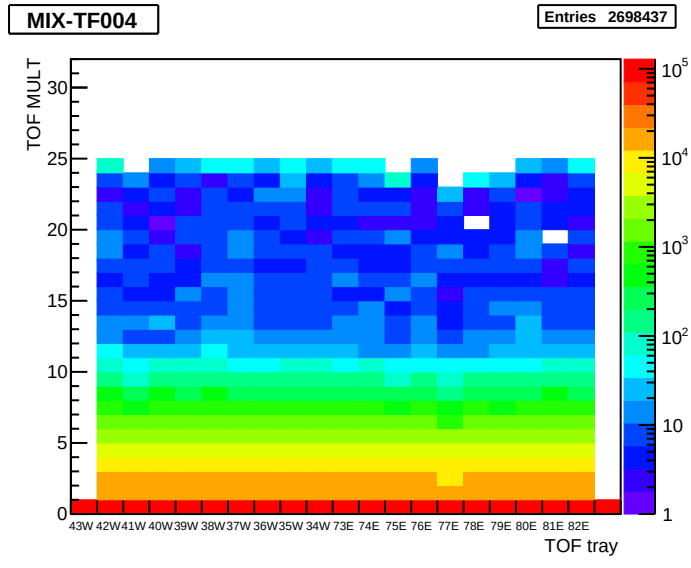

BunchId7Bit (Laser)
Entries 0

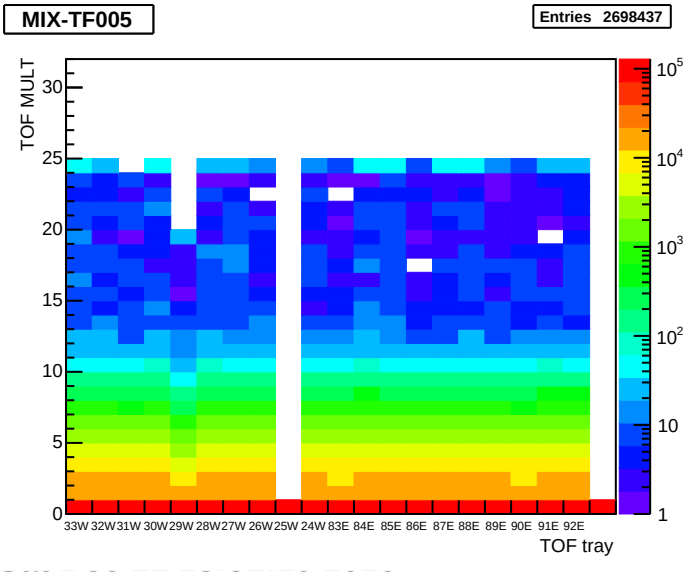

BunchId7Bit (TOFmult window)
Entries 5948

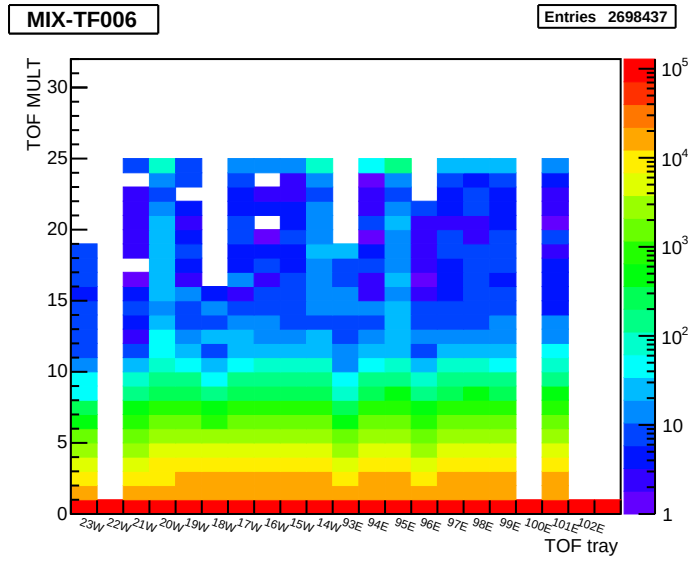

MIX-TF001
Entries 2698437
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

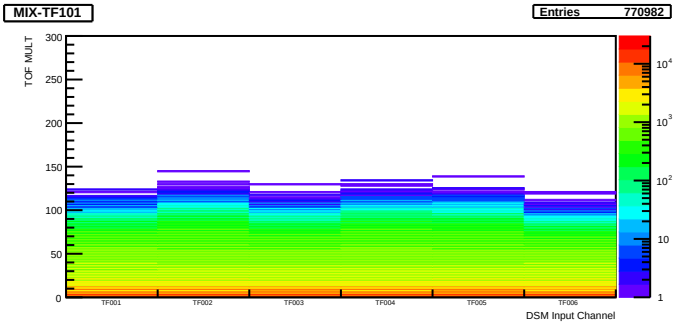

MIX-TF002
Entries 2698437
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

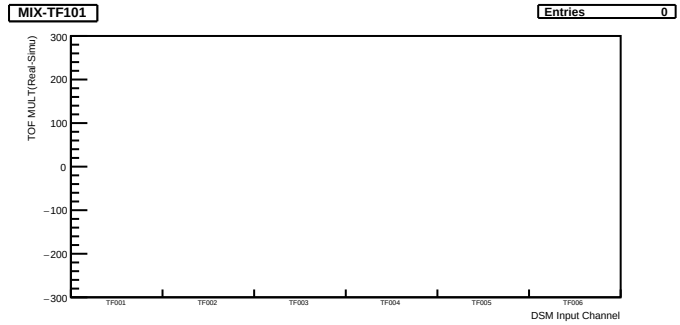

MIX-TF003
Entries 2698437
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

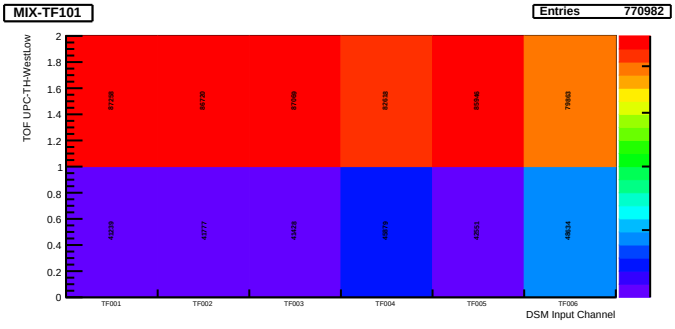

MIX-TF004
Entries 2698437
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

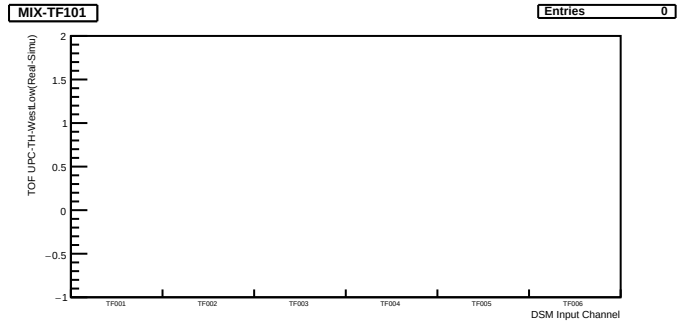

MIX-TF005
Entries 2698437
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

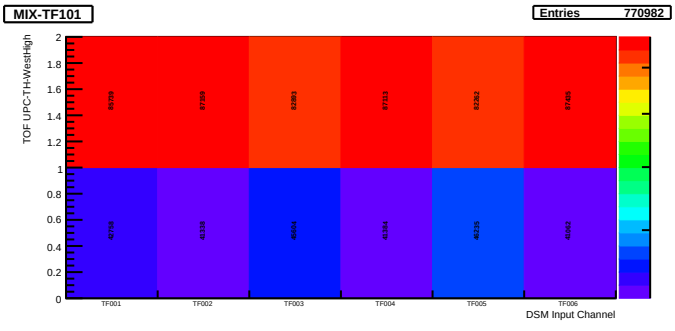

MIX-TF006
Entries 2698437
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

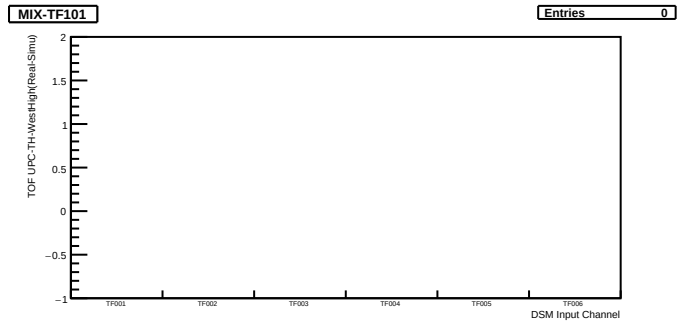

MIX-TF101
Entries 770982
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

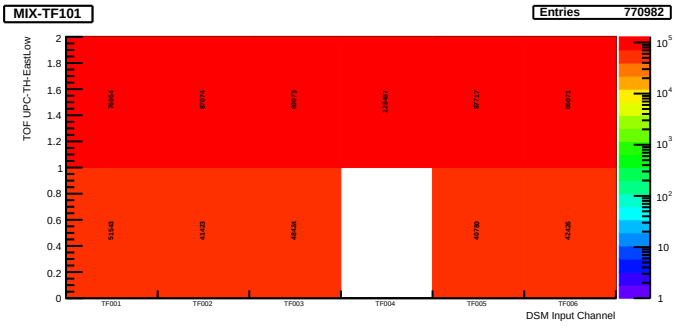

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

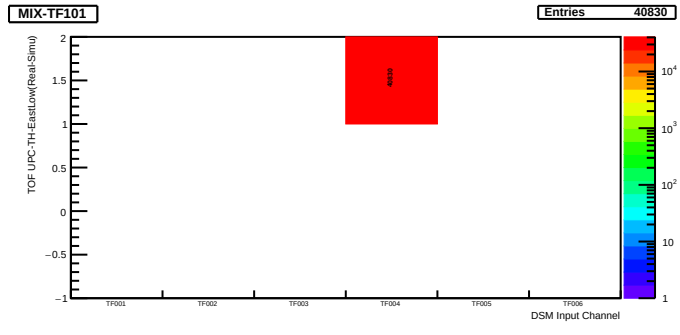

MIX-TF101
Entries 770982
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

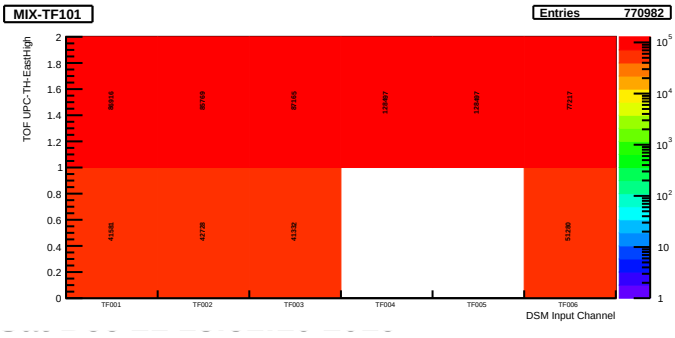

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

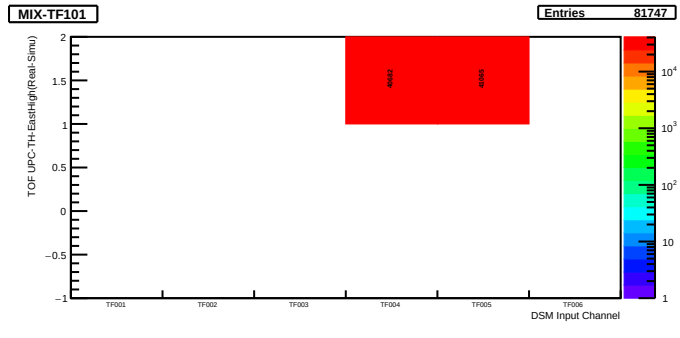

MIX-TF101
Entries 770982
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

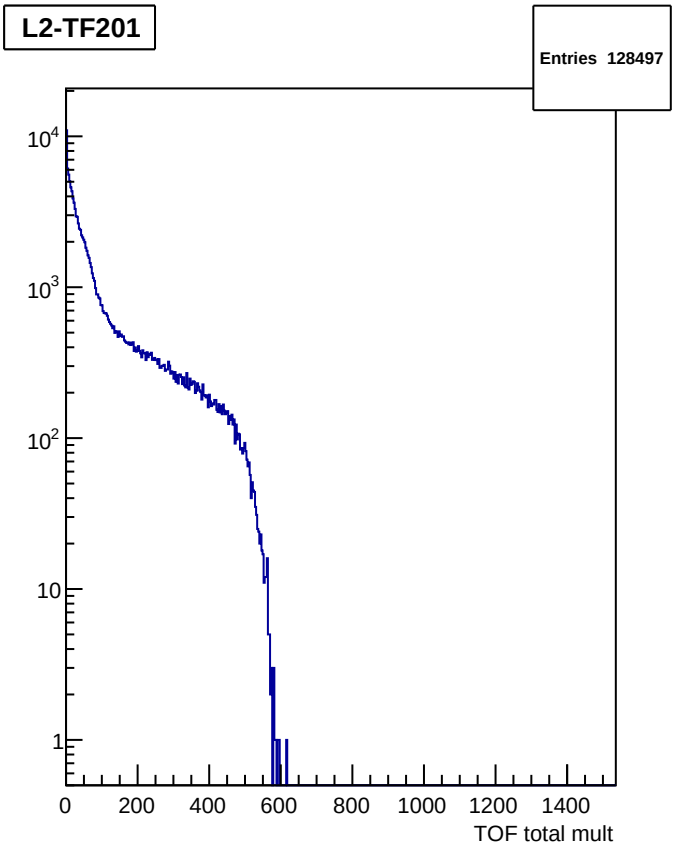

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

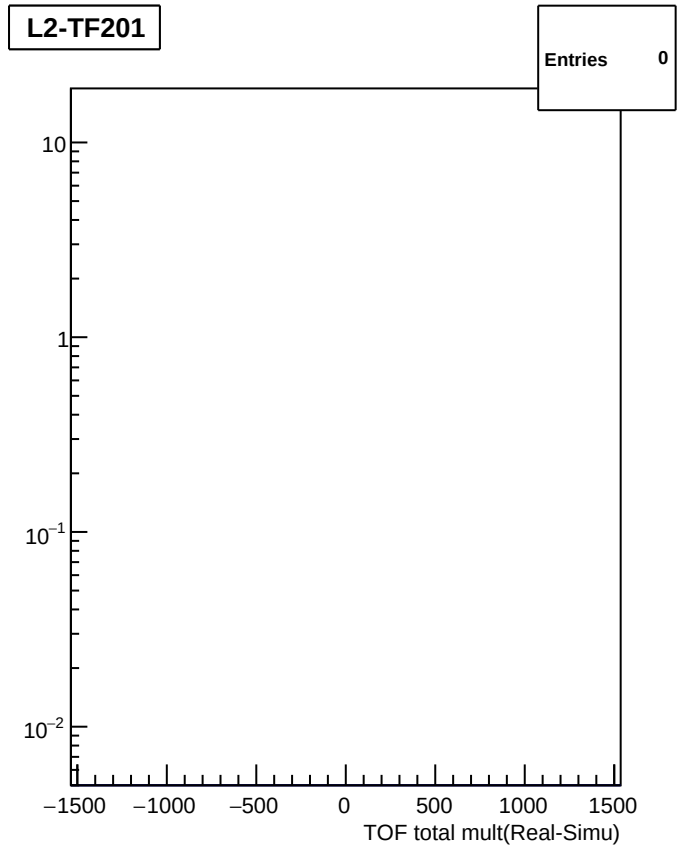

MIX-TF101
Entries 770982
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

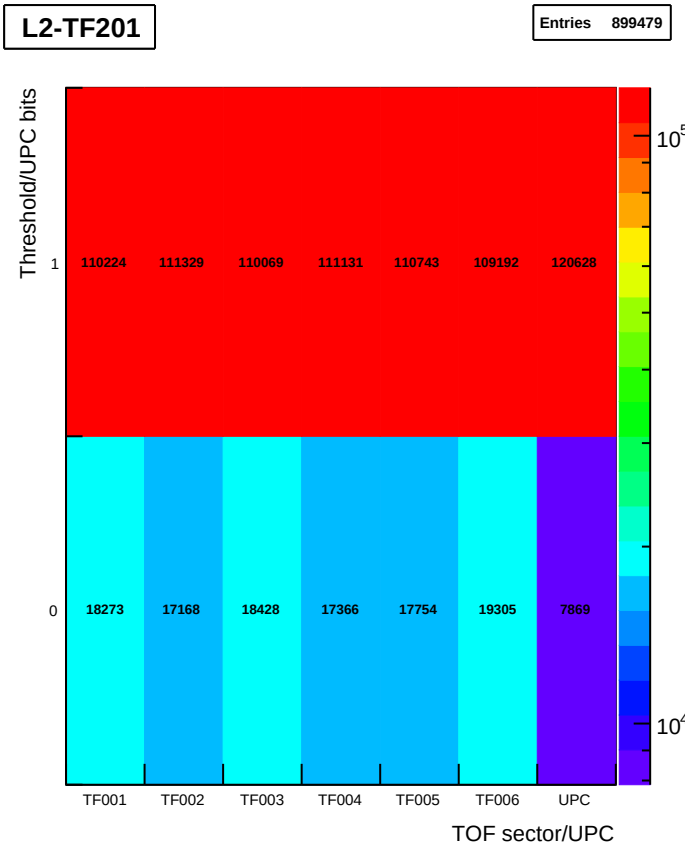

MIX-TF101
Entries 40830
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

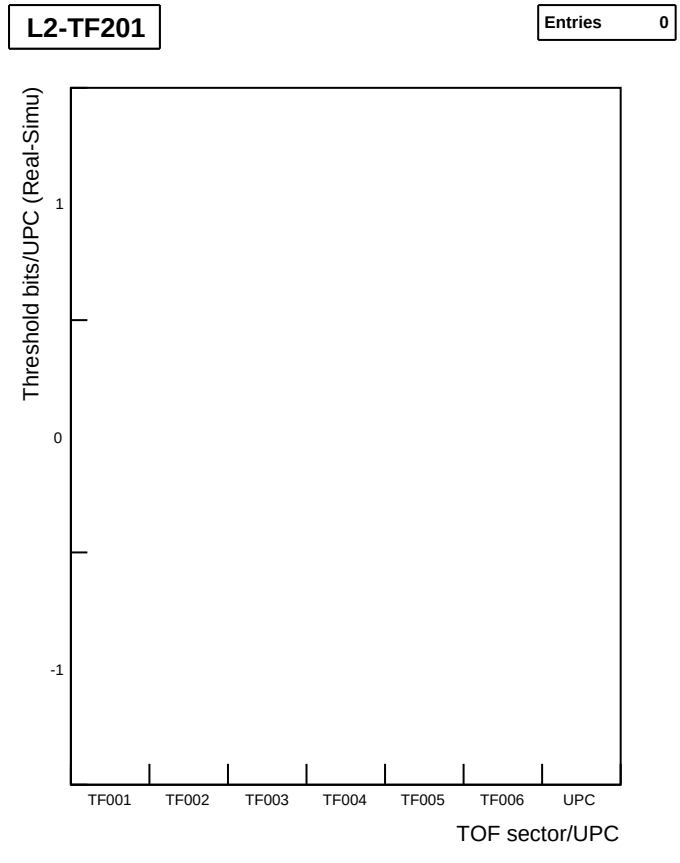

MIX-TF101
Entries 770982
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

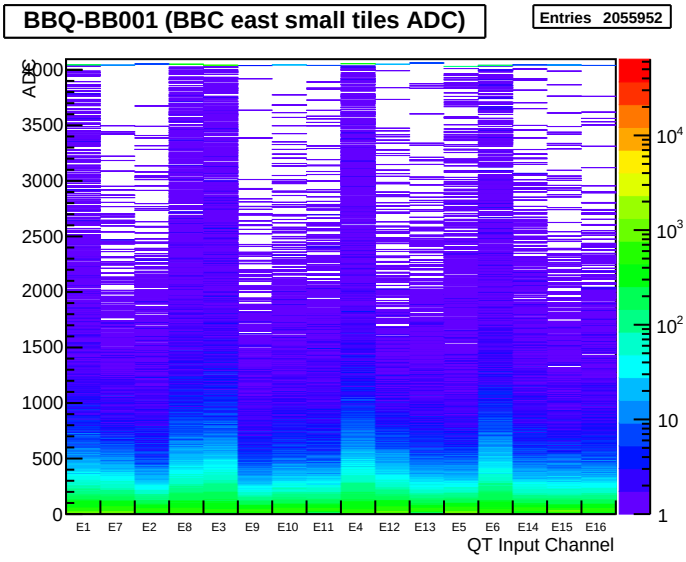

MIX-TF101
Entries 81747
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

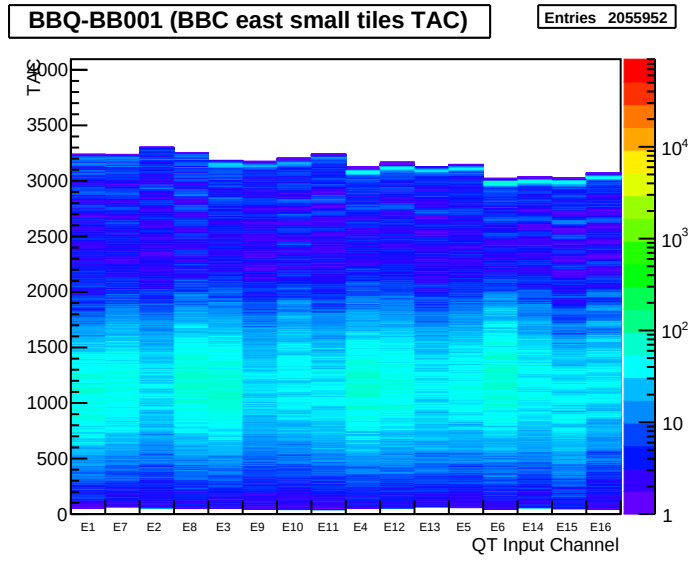

L2-TF201
Entries 128497
TOF total mult

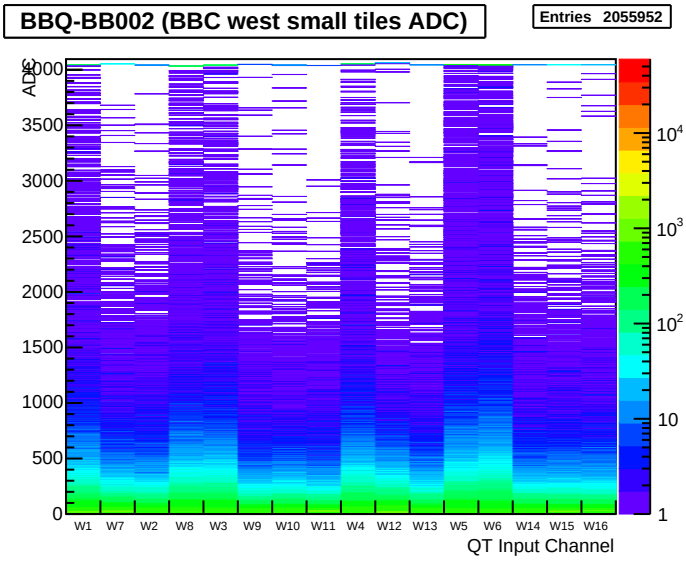

L2-TF201
Entries 0
TOF total mult(Real-Simu)

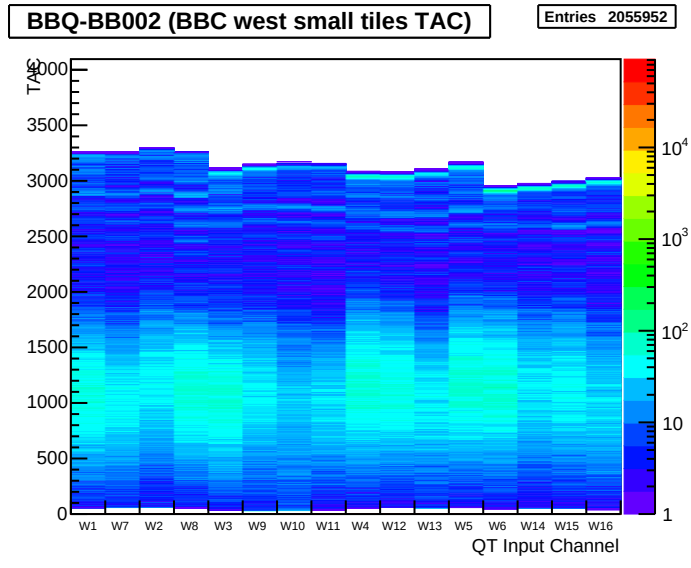

L2-TF201
Entries 899479
Threshold/UPC bits
110224 111329 110069 111131 110743 109192 120628
18273 17168 18428 17366 17754 19305 7869
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

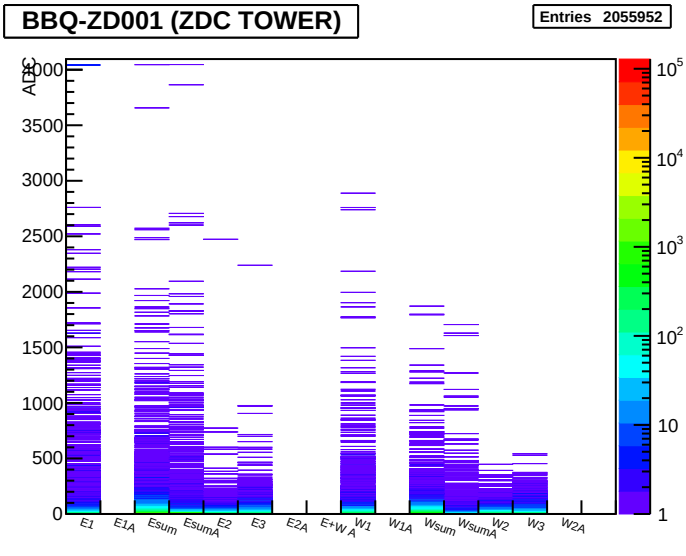

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

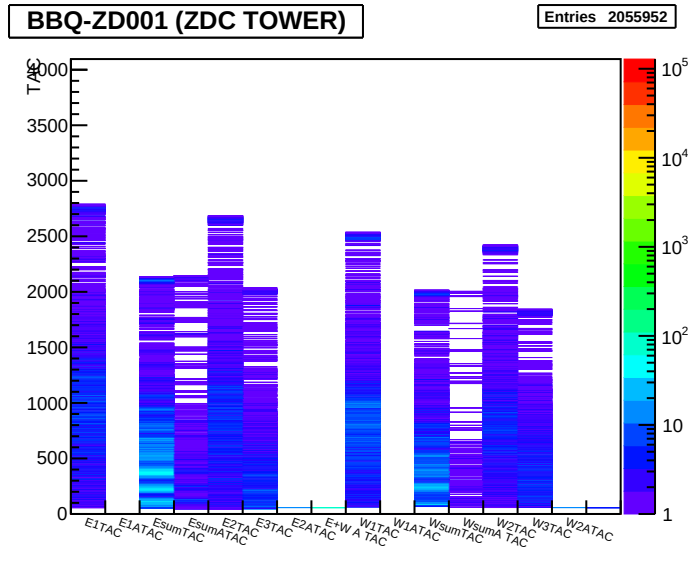

BBQ-BB001 (BBC east small tiles ADC)
Entries 2055952
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

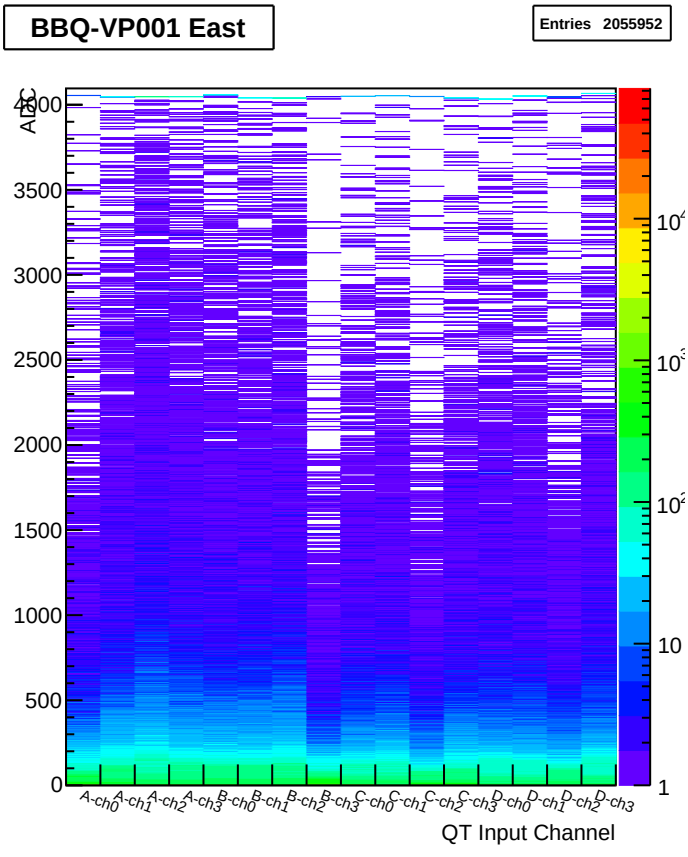

BBQ-BB001 (BBC east small tiles TAC)
Entries 2055952
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

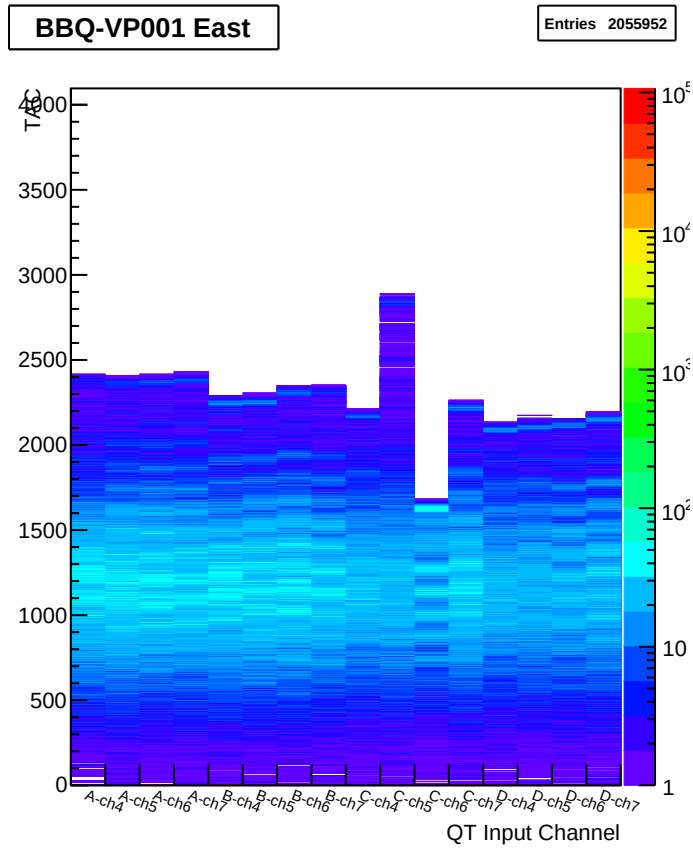

BBQ-BB002 (BBC west small tiles ADC)
Entries 2055952
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

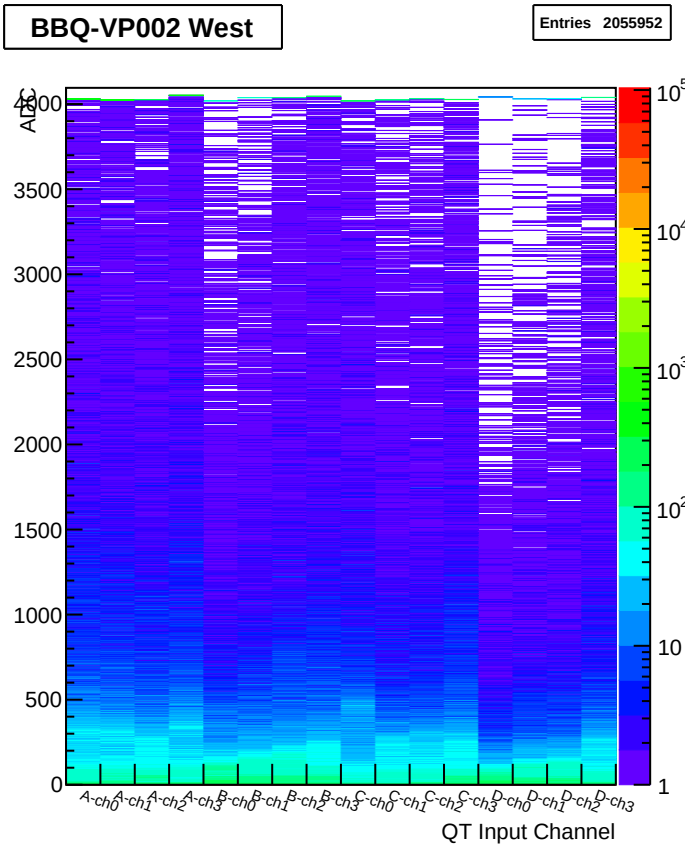

BBQ-BB002 (BBC west small tiles TAC)
Entries 2055952
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

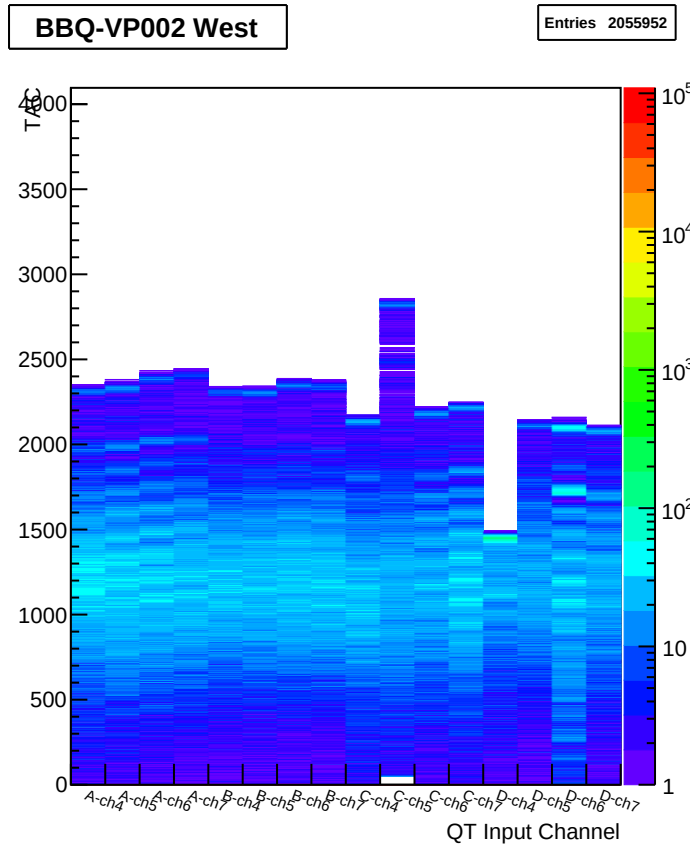

BBQ-ZD001 (ZDC TOWER)
Entries 2055952
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

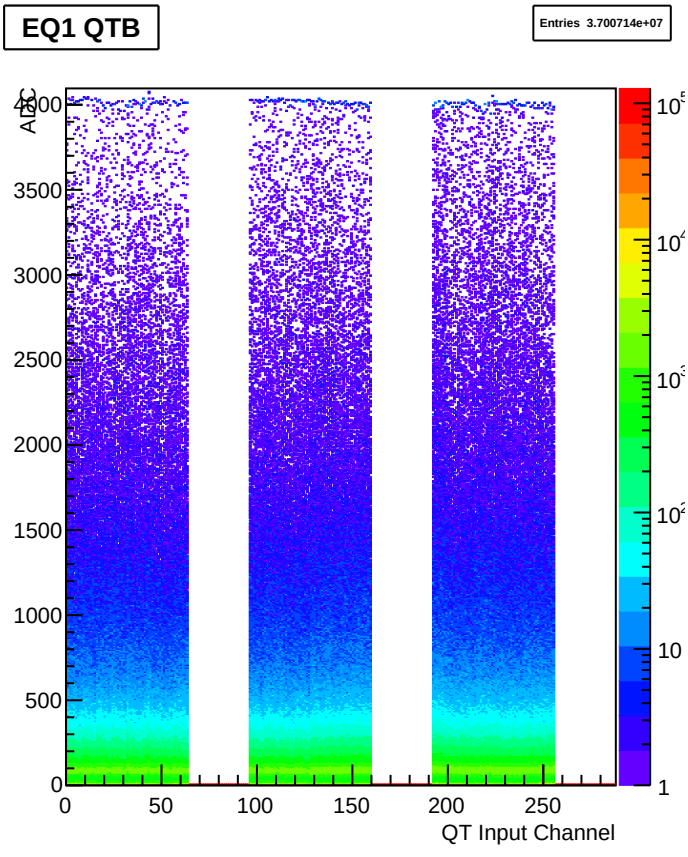

BBQ-ZD001 (ZDC TOWER)
Entries 2055952
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

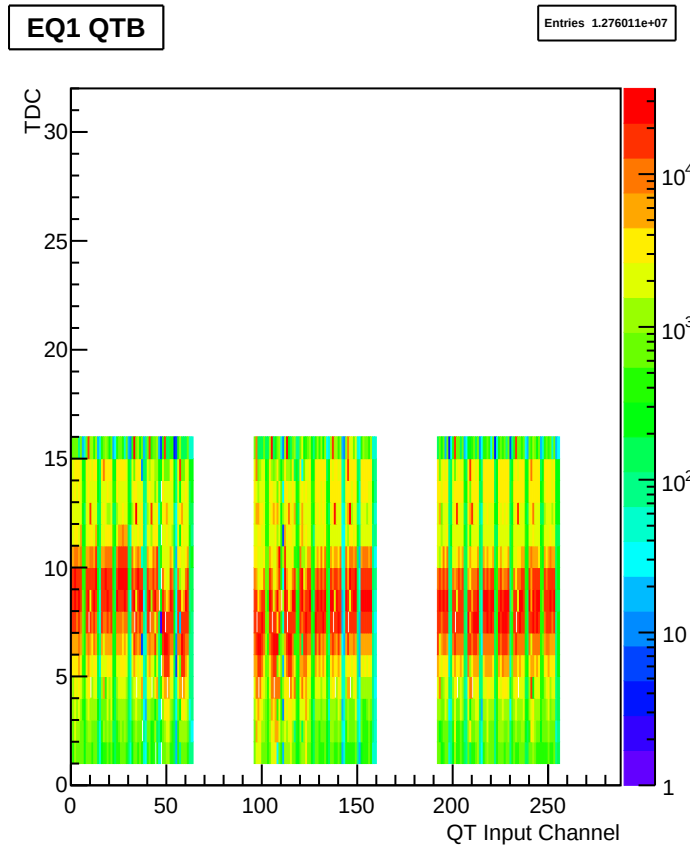

BBQ-VP001 East
Entries 2055952
ADC
QT Input Channel

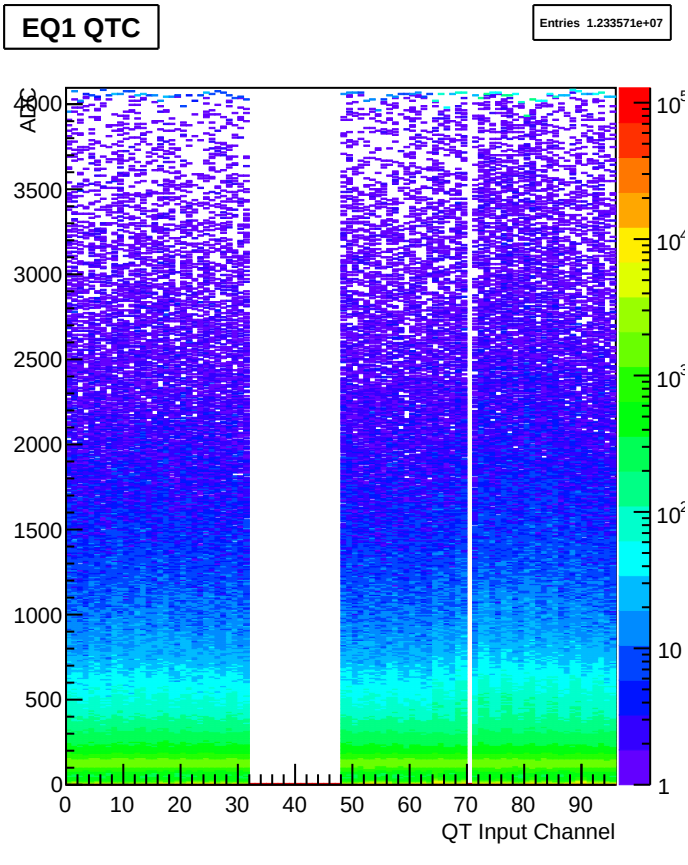

BBQ-VP001 East
Entries 2055952
TADC
QT Input Channel

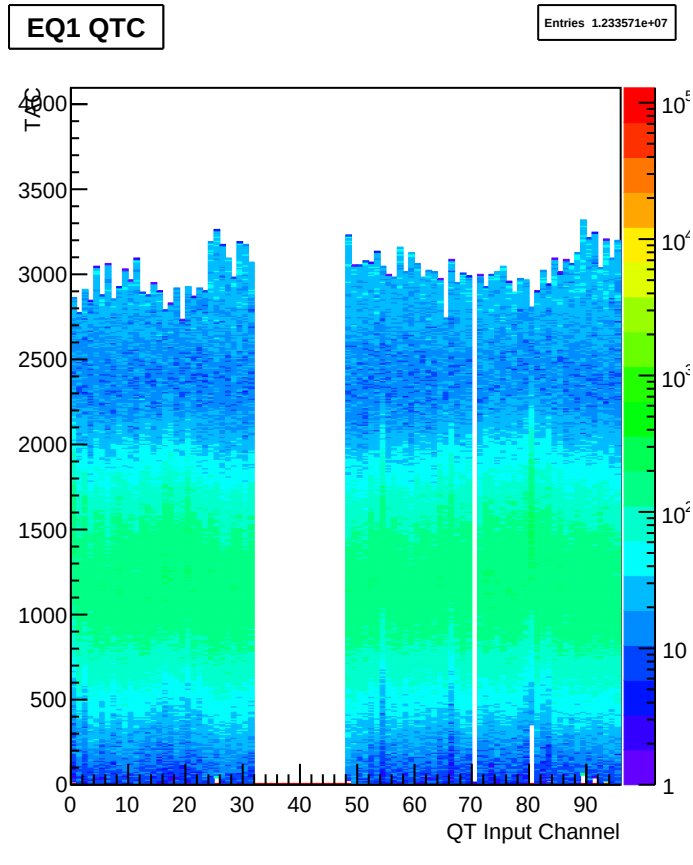

BBQ-VP002 West
Entries 2055952
ADC
QT Input Channel

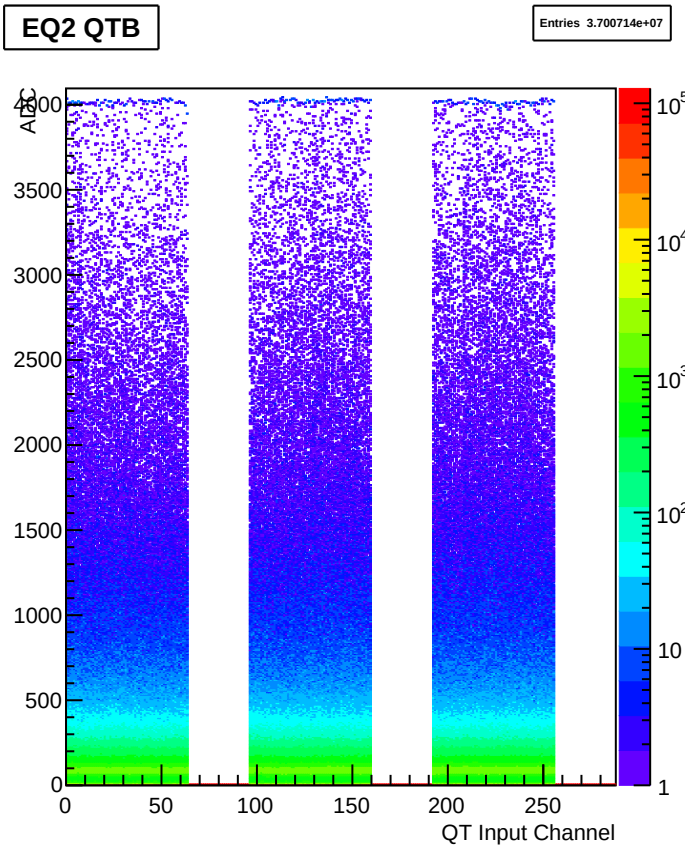

BBQ-VP002 West
Entries 2055952
TADC
QT Input Channel

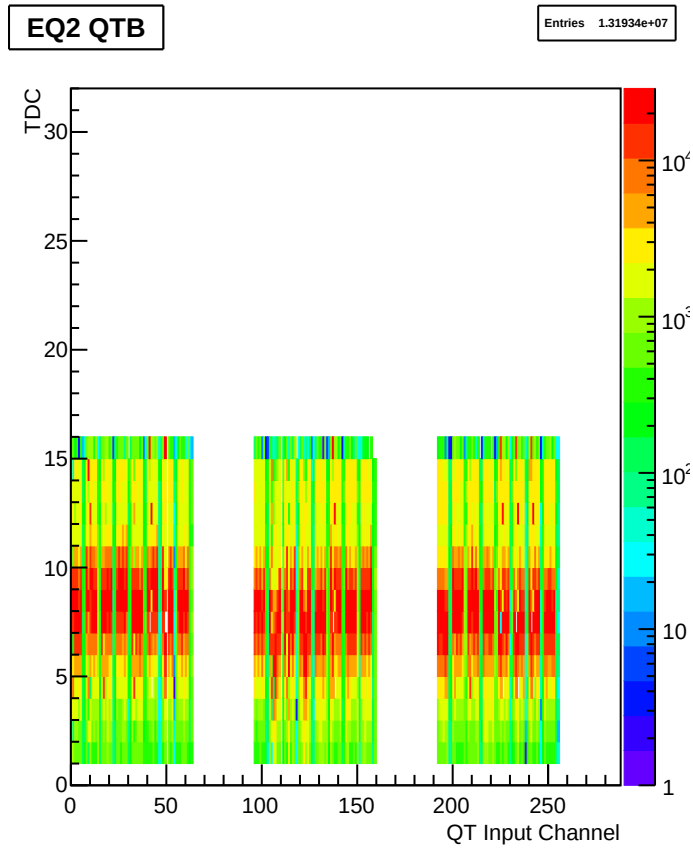

EQ1 QTB
Entries 3.700714e+07
ADC
QT Input Channel

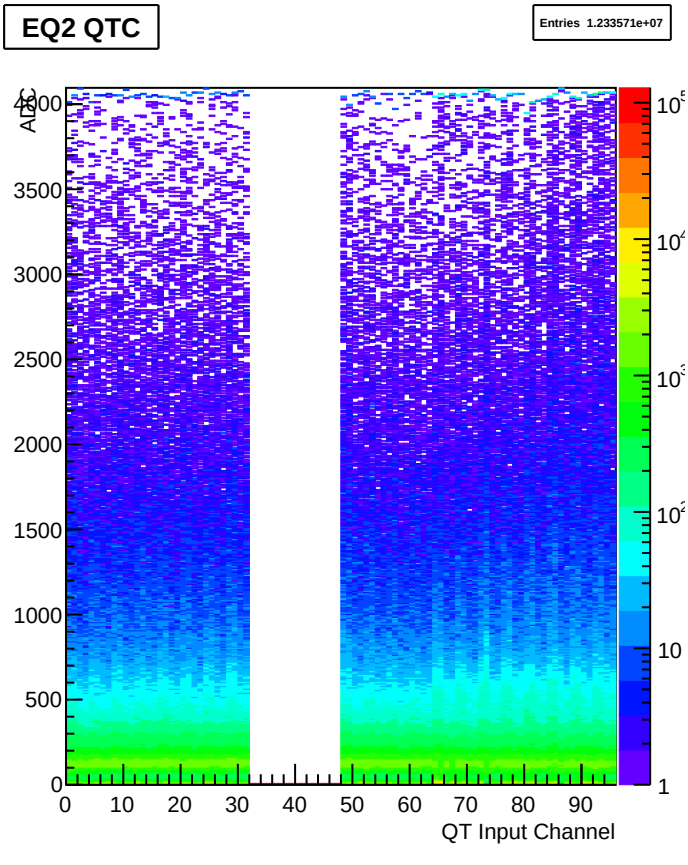

EQ1 QTB
Entries 1.276011e+07
TDC
QT Input Channel

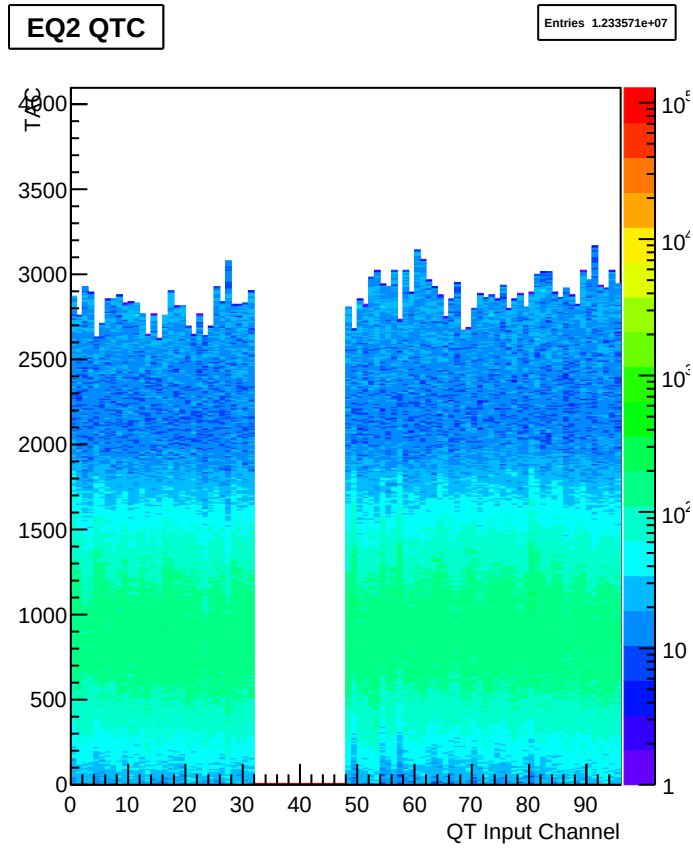

EQ1 QTC
Entries 1.233571e+07
ADC
QT Input Channel

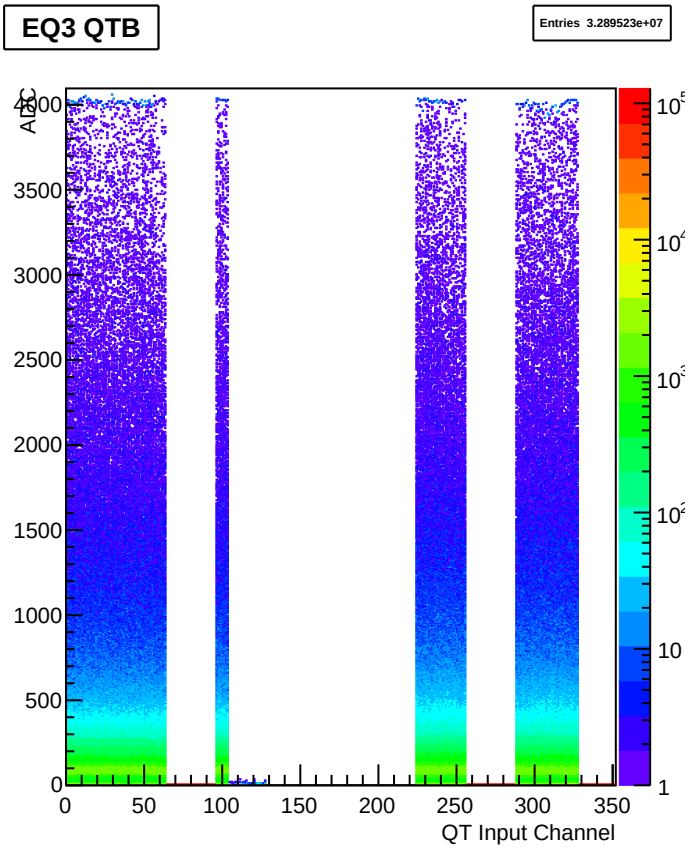

EQ1 QTC
Entries 1.233571e+07
TADC
QT Input Channel

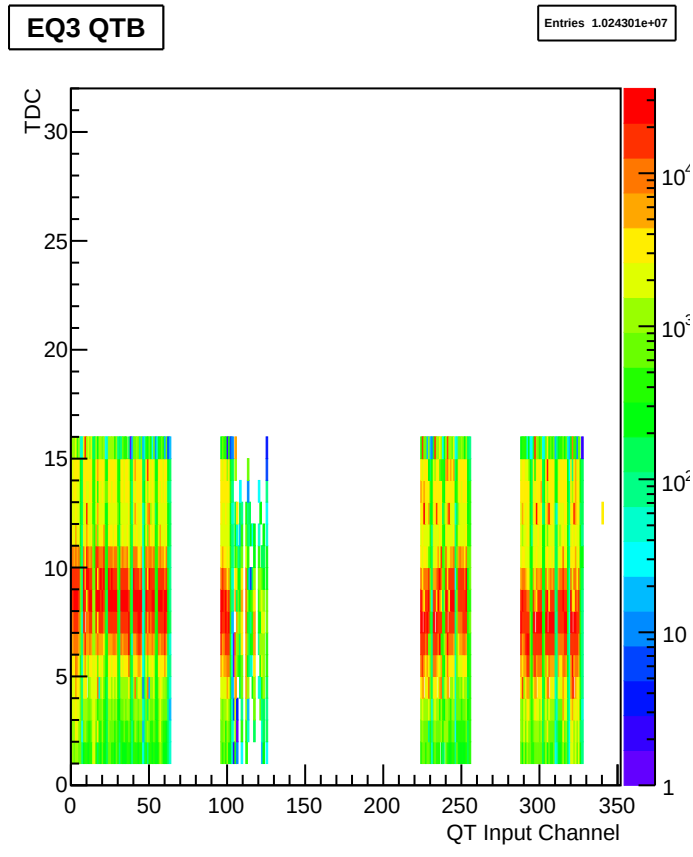

EQ2 QTB
Entries 3.700714e+07
ADC
QT Input Channel

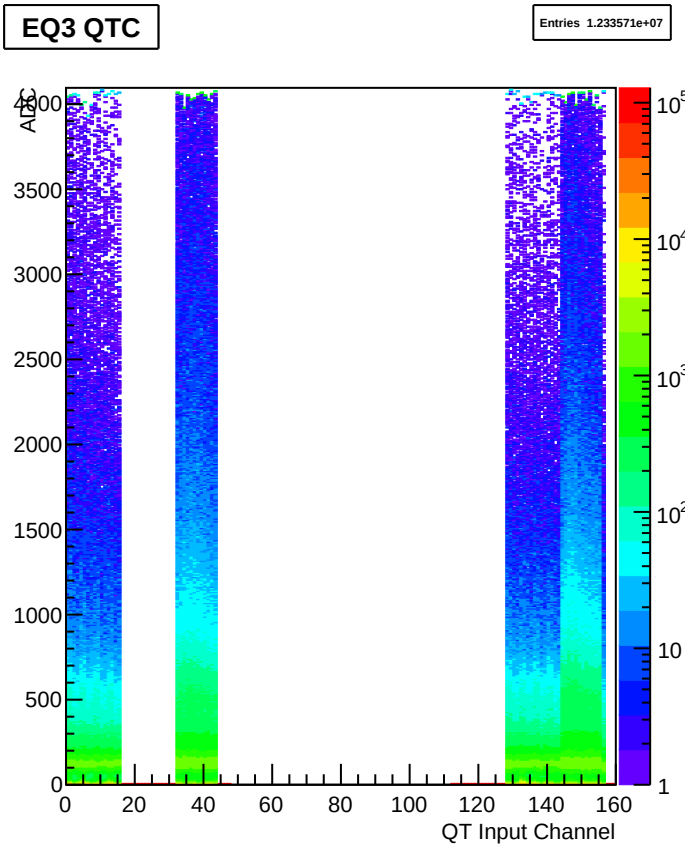

EQ2 QTB
Entries 1.31934e+07
TDC
QT Input Channel

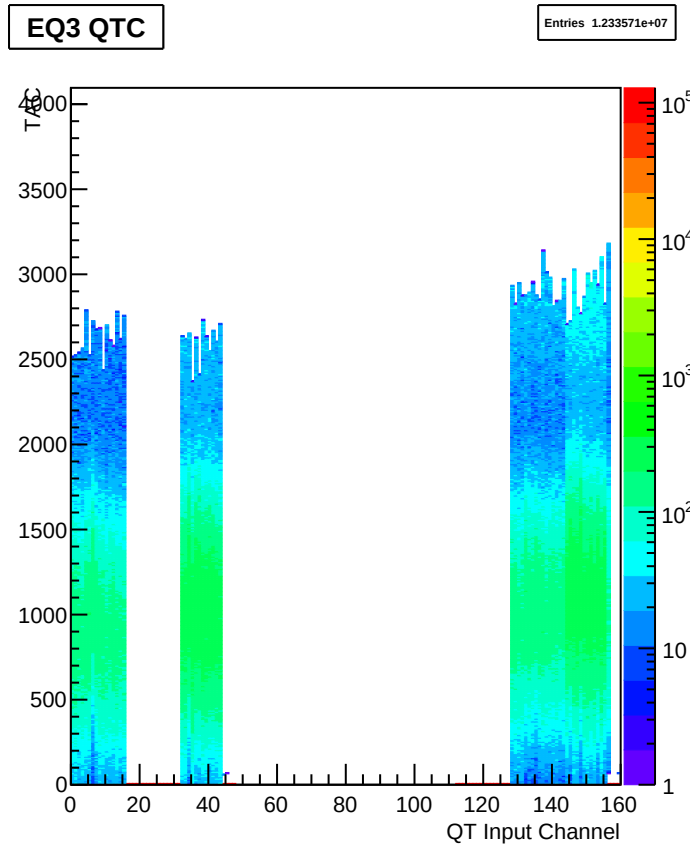

EQ2 QTC
Entries 1.233571e+07
ADC
QT Input Channel

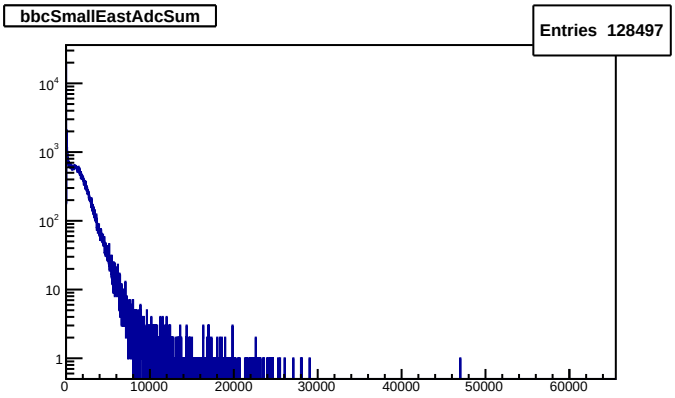

EQ2 QTC
Entries 1.233571e+07
TADC
QT Input Channel

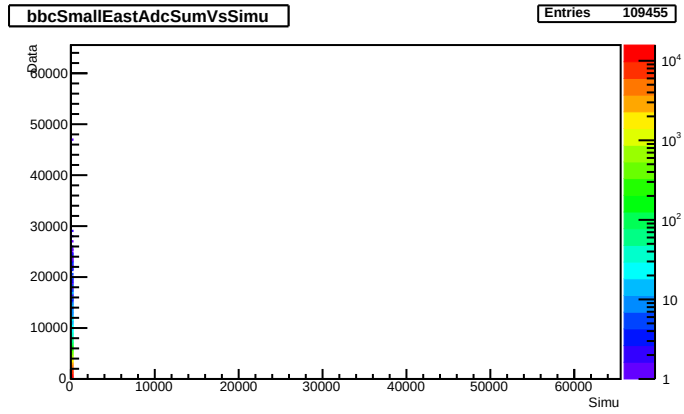

EQ3 QTB
Entries 3.289523e+07
ADC
QT Input Channel

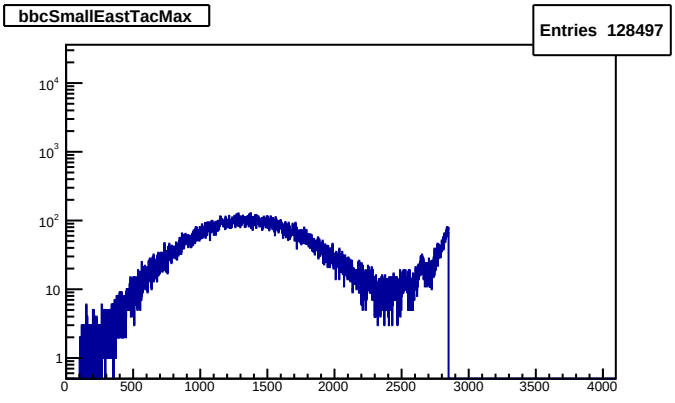

EQ3 QTB
Entries 1.024301e+07
TDC
QT Input Channel

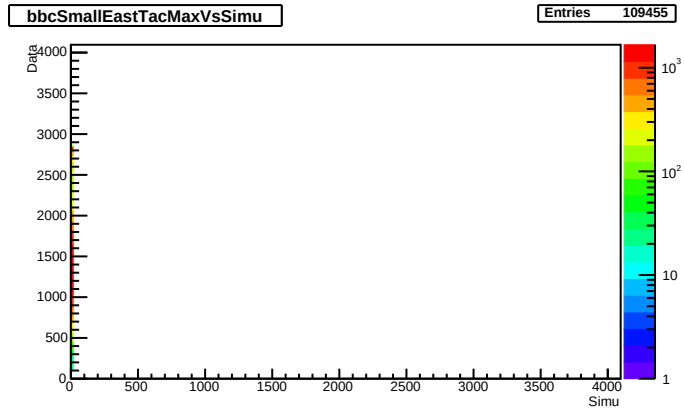

EQ3 QTC
Entries 1.233571e+07
ADC
QT Input Channel

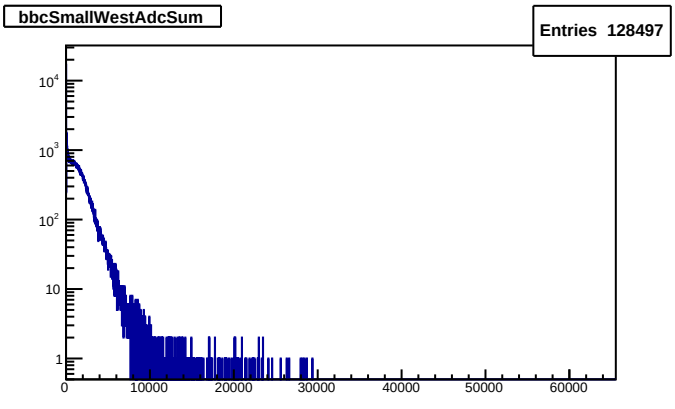

EQ3 QTC
Entries 1.233571e+07
TADC
QT Input Channel

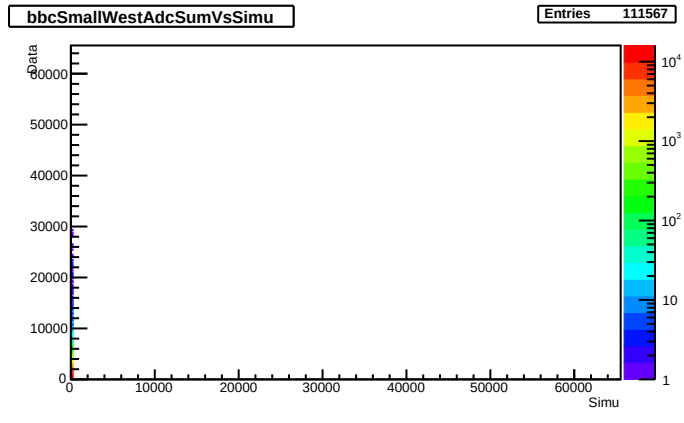

bbcSmallEastAdcSum
Entries 128497


bbcSmallEastAdcSumVsSimu
Entries 109455
Data
Simu


bbcSmallEastTacMax
Entries 128497


bbcSmallEastTacMaxVsSimu
Entries 109455
Data
Simu


bbcSmallWestAdcSum
Entries 128497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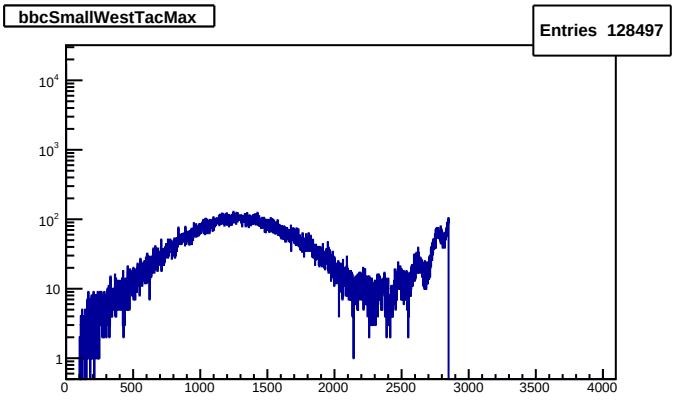
Entries 111567
Data
Simu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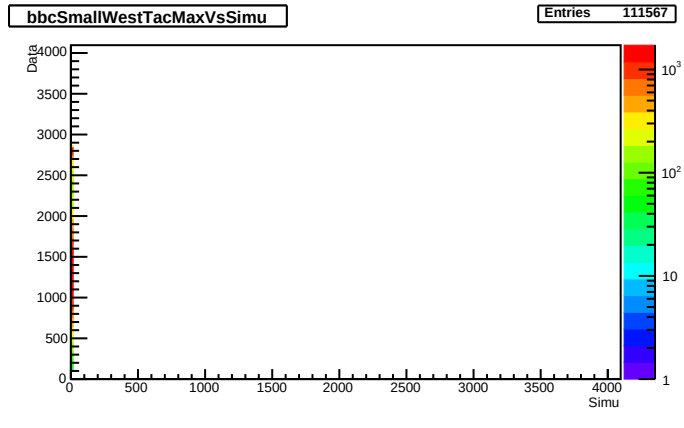
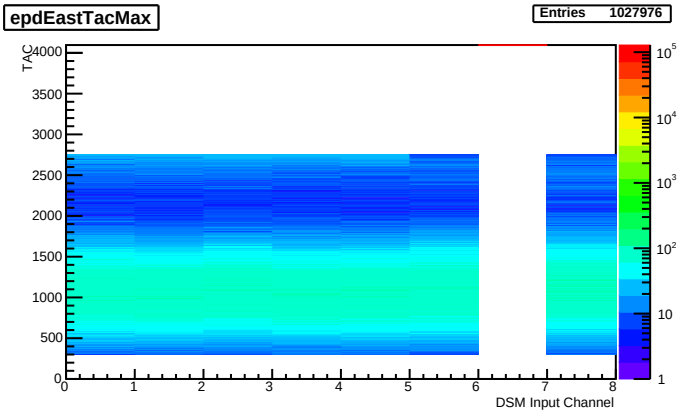
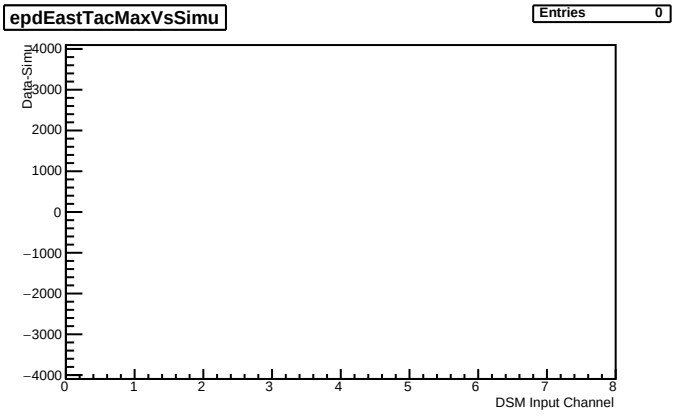
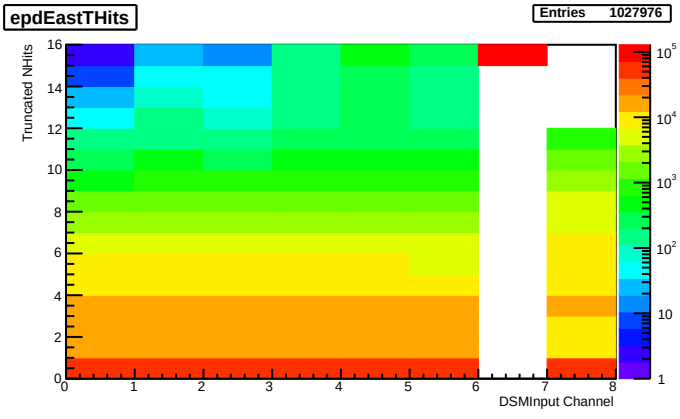
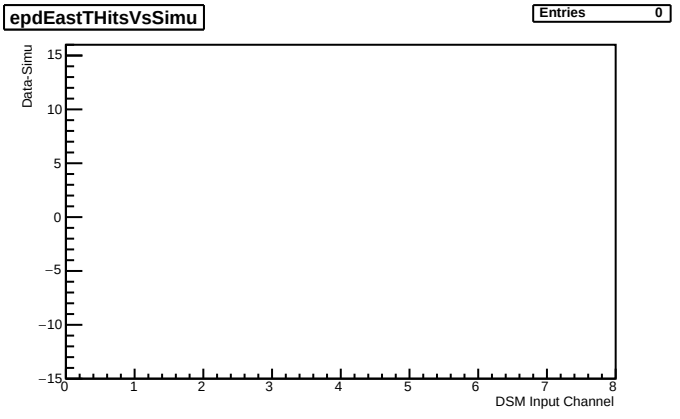
Entries 128497


bbcSmallWestTacMaxVsSimu
Entries 111567
Data
Simu


epdEastTacMax
Entries 1027976
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1027976
Truncated NHits
DSMInput Channel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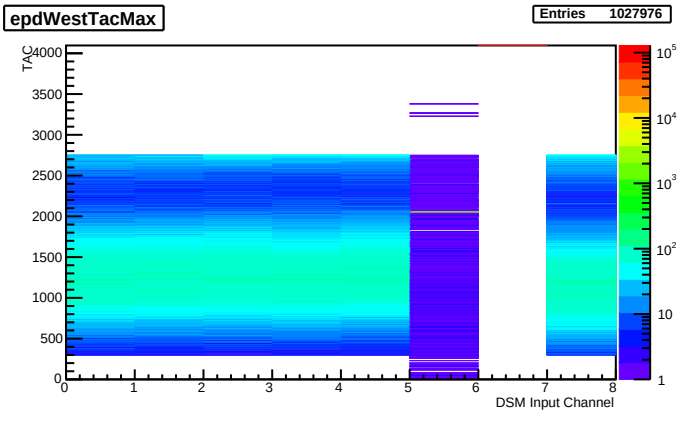
Data-Simu
DSM Input Channel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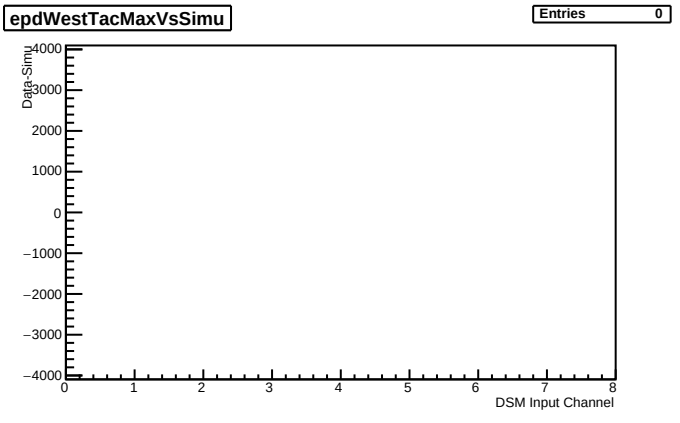
Entries 1027976
TAC
DSM Input Channel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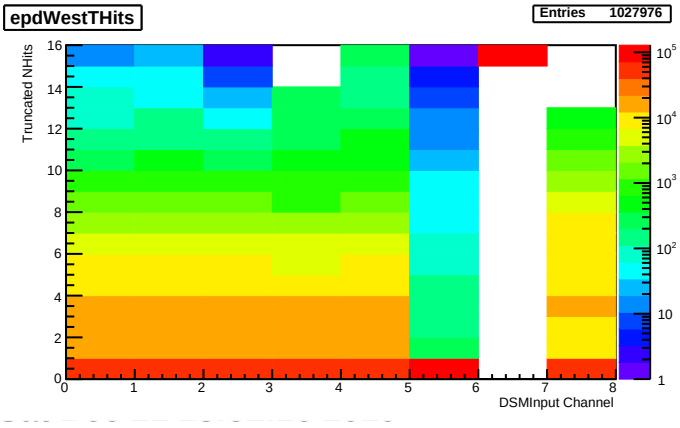
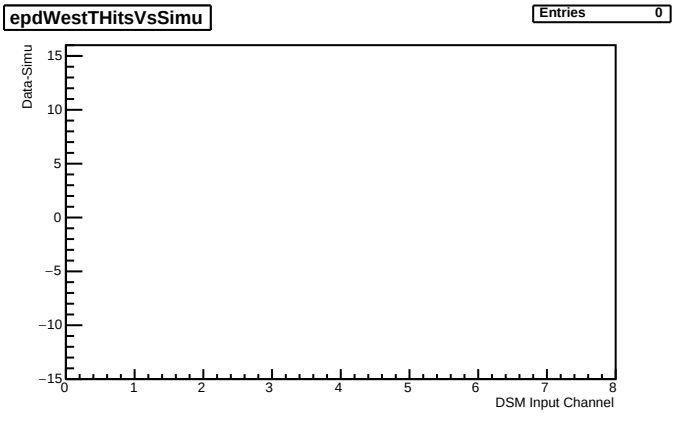
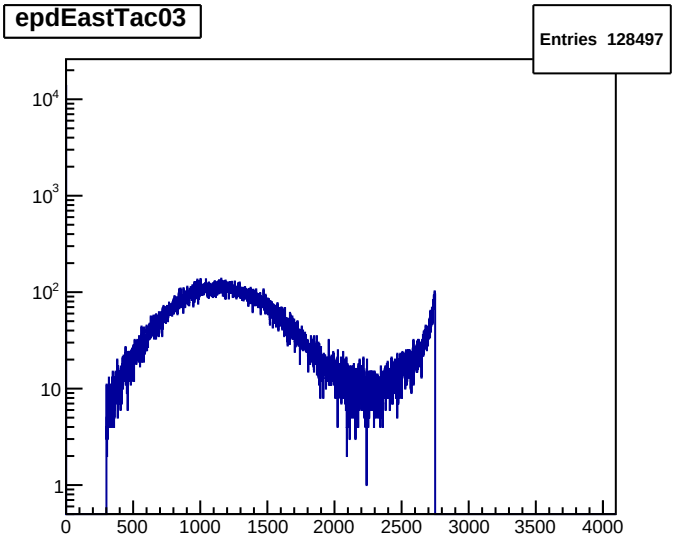
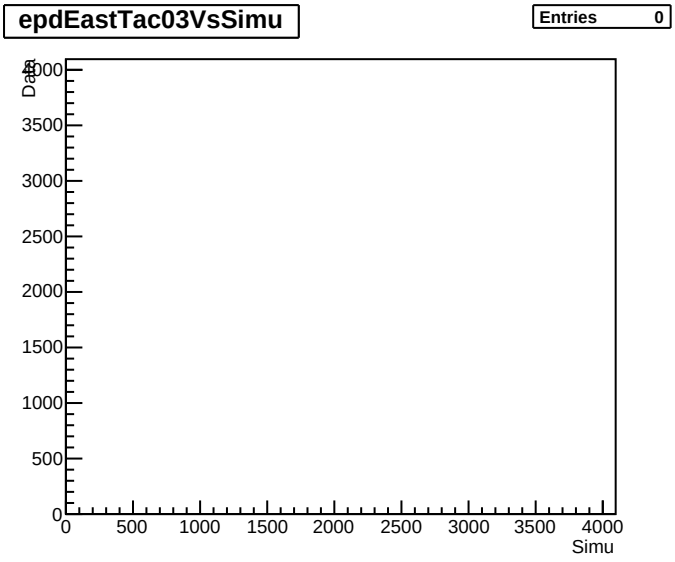
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1027976
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 128497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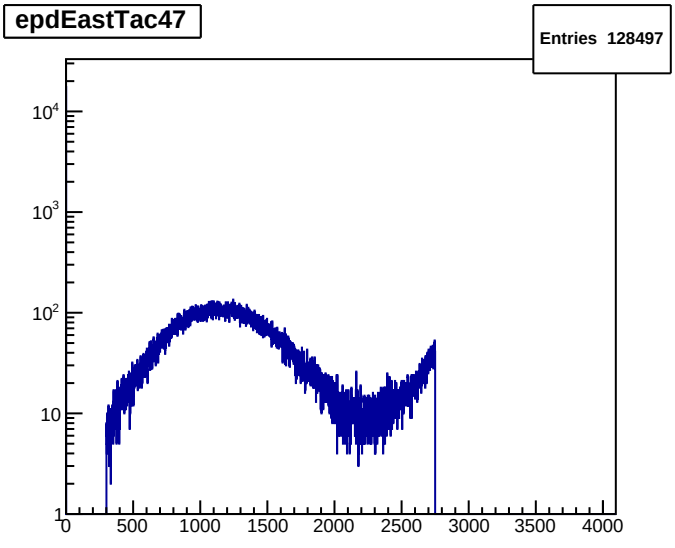
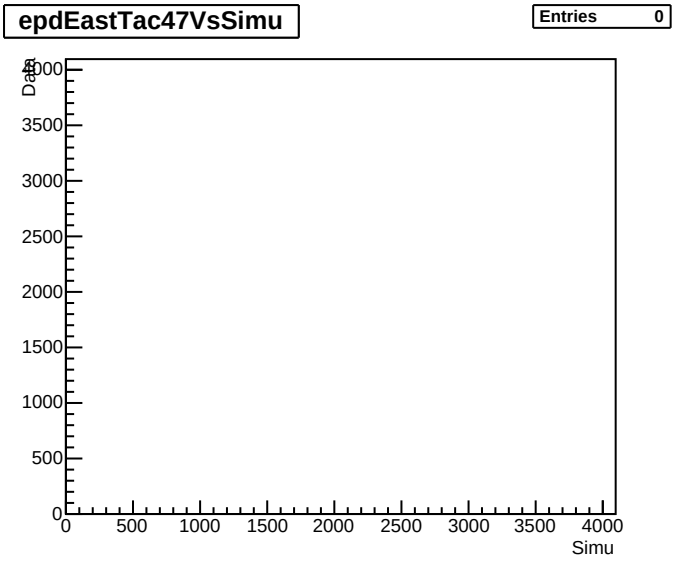
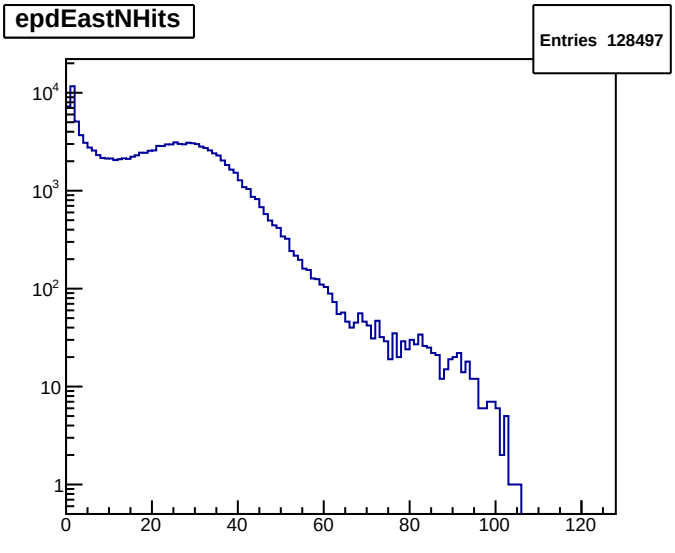
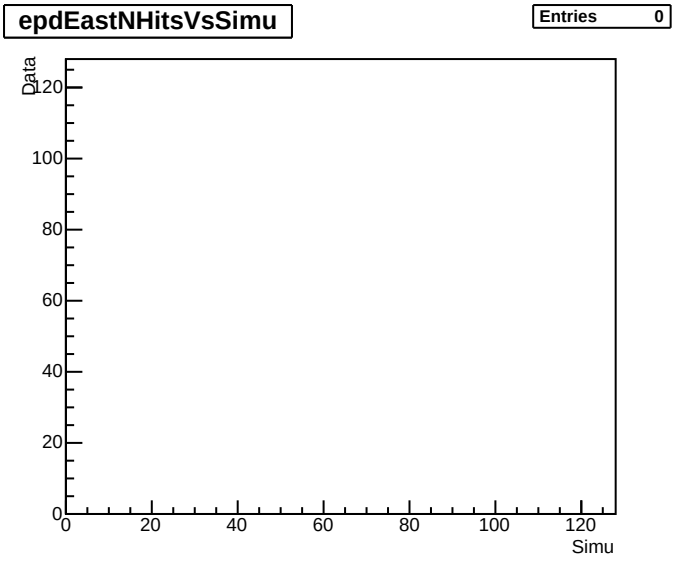
Entries 0
Data
Simu


epdEastTac47
Entries 128497


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 128497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Entries 0
Data
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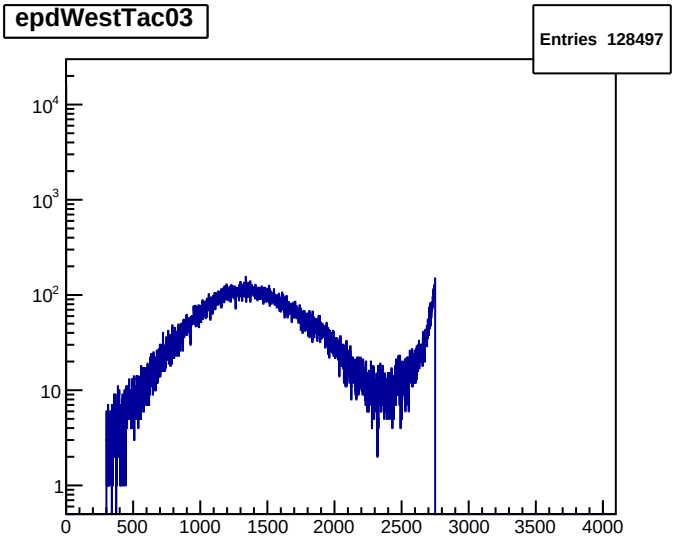
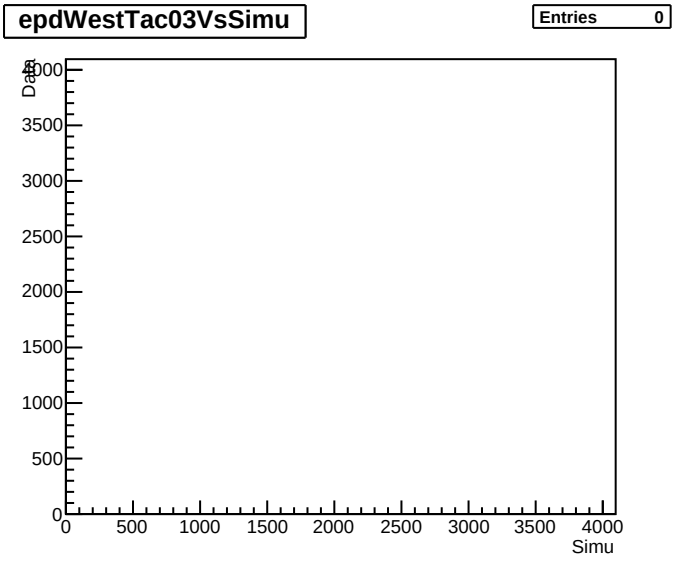
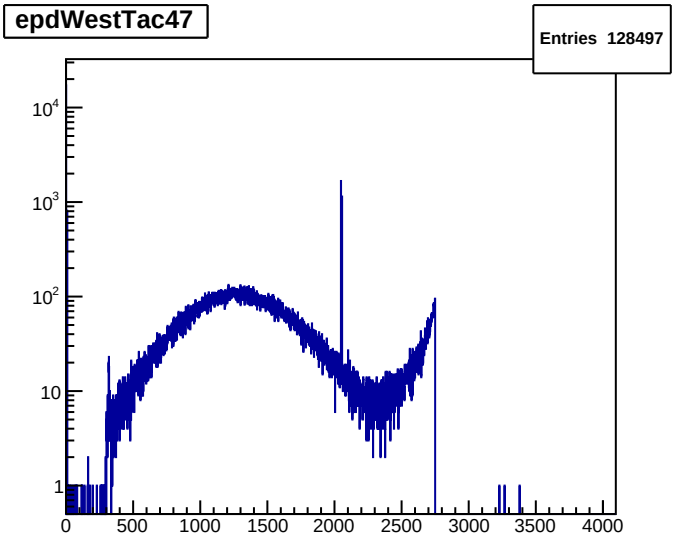

epdWestTac03
Entries 128497


epdWestTac03VsSimu
Entries 0
Data
Simu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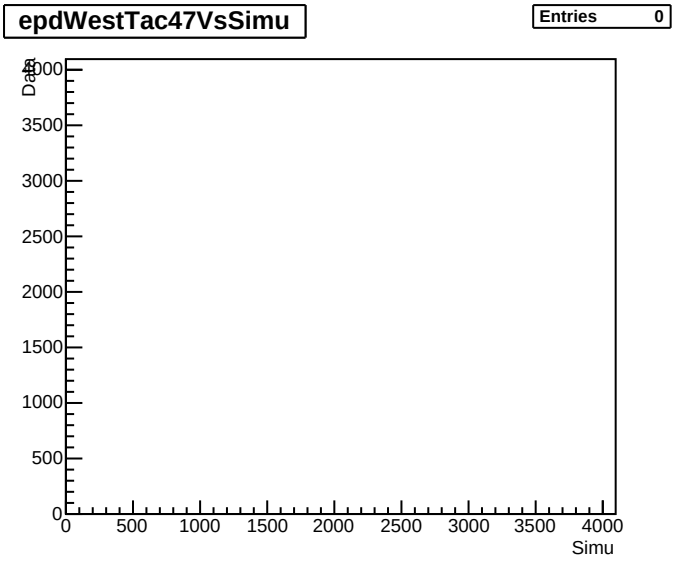
Entries 128497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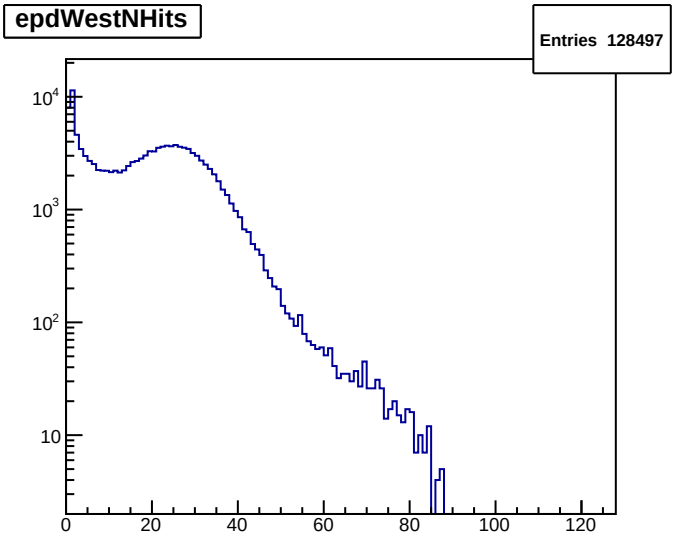
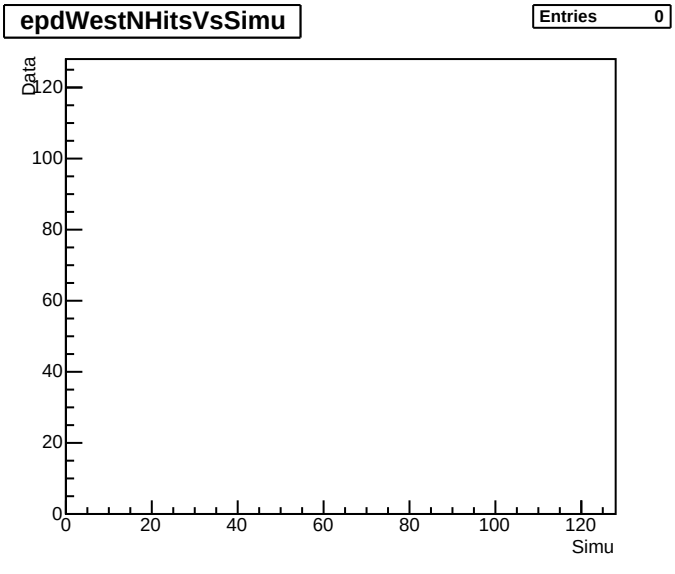
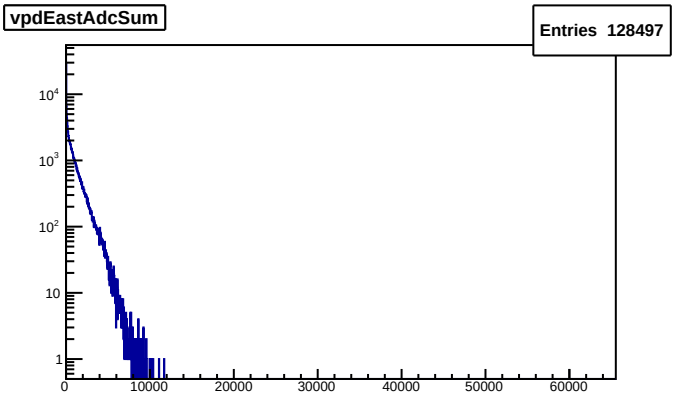
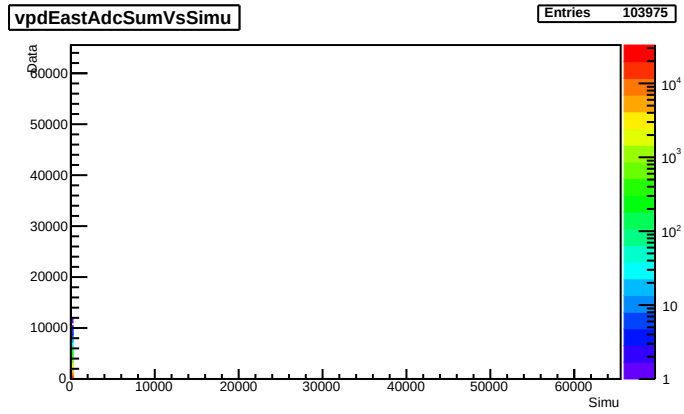
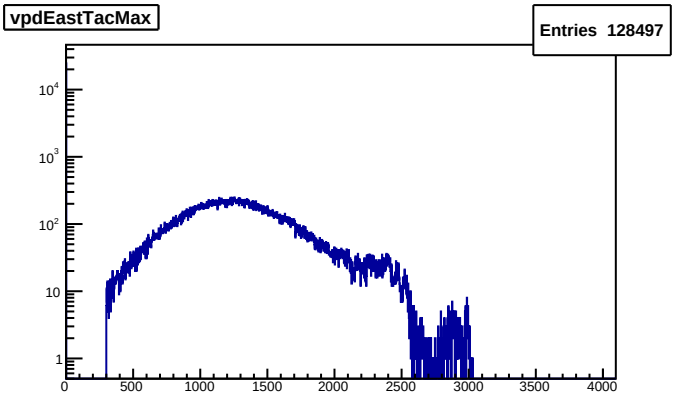
Entries 0
Data
Simu

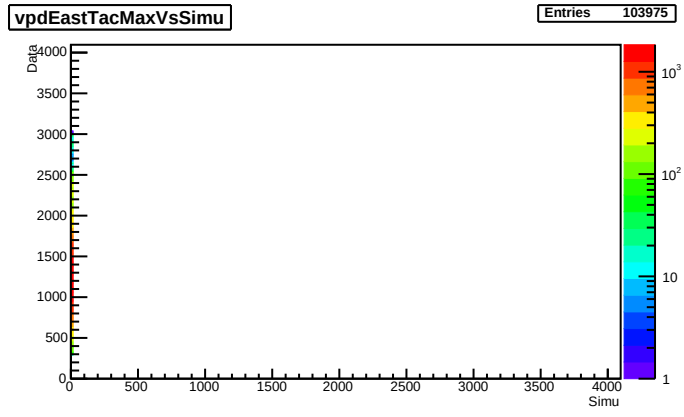

epdWestNHits
Entries 128497

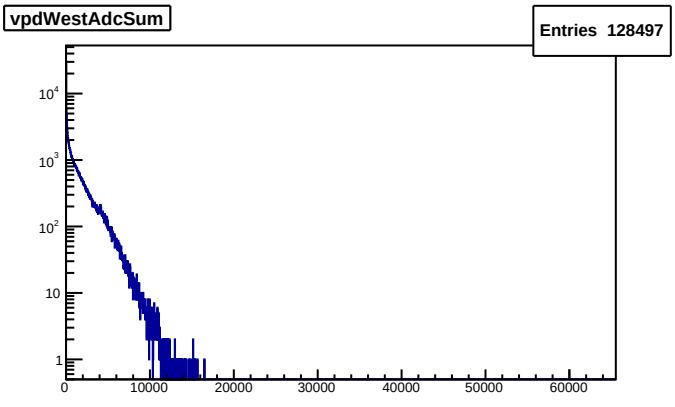

epdWestNHitsVsSimu
Entries 0
Data
Simu

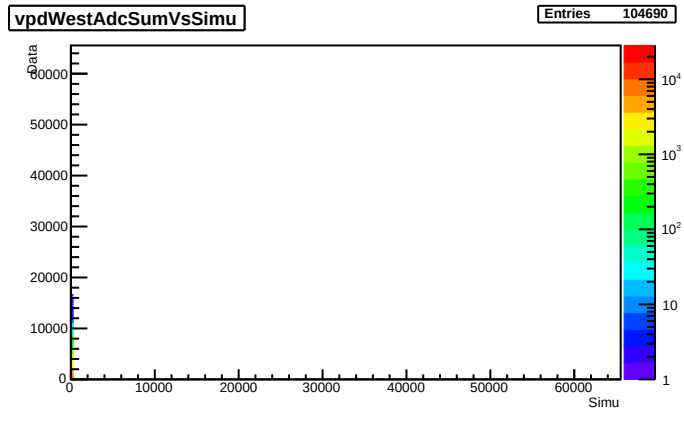

vpdEastAdcSum
Entries 128497

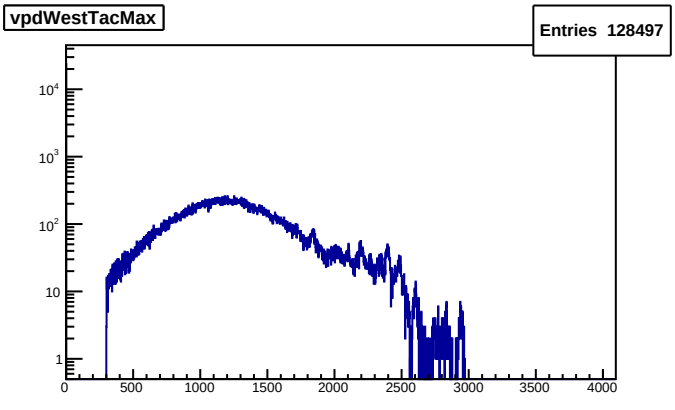

vpdEastAdcSumVsSimu
Entries 103975
Data
Simu

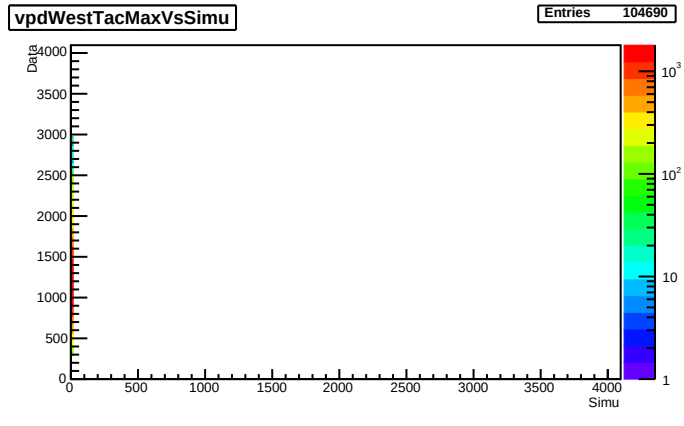

vpdEastTacMax
Entries 128497

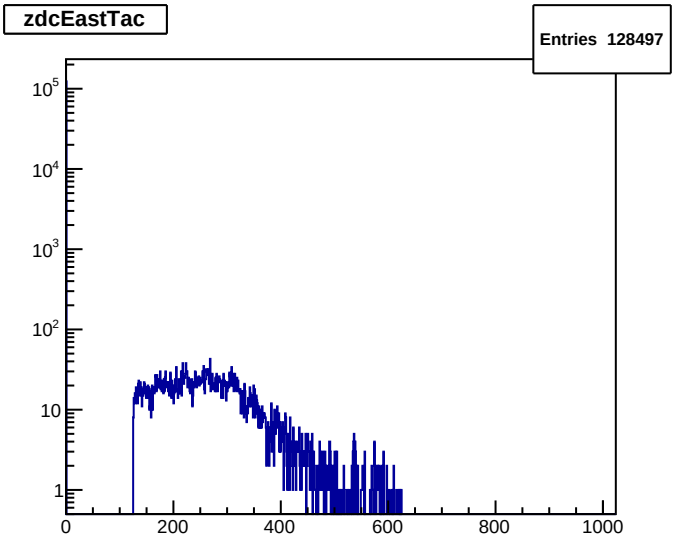

vpdEastTacMaxVsSimu
Entries 103975
Data
Simu

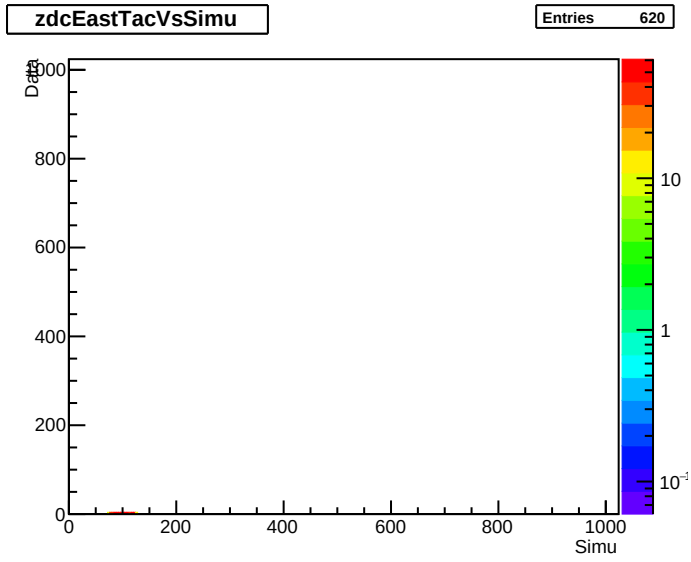

vpdWestAdcSum
Entries 128497

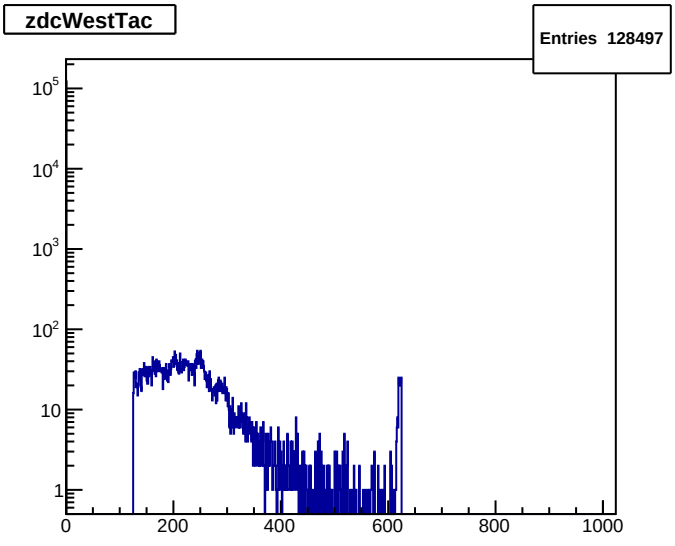

vpdWestAdcSumVsSimu
Entries 104690
Data
Simu

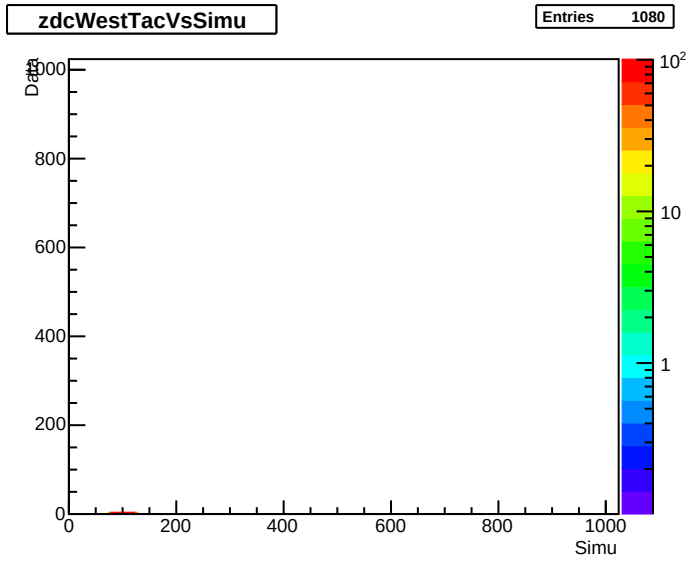

vpdWestTacMax
Entries 128497

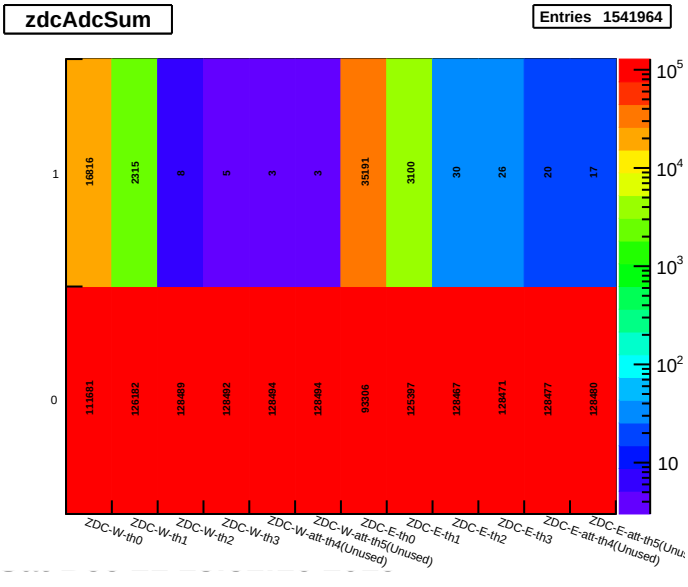

vpdWestTacMaxVsSimu
Entries 104690
Data
Simu

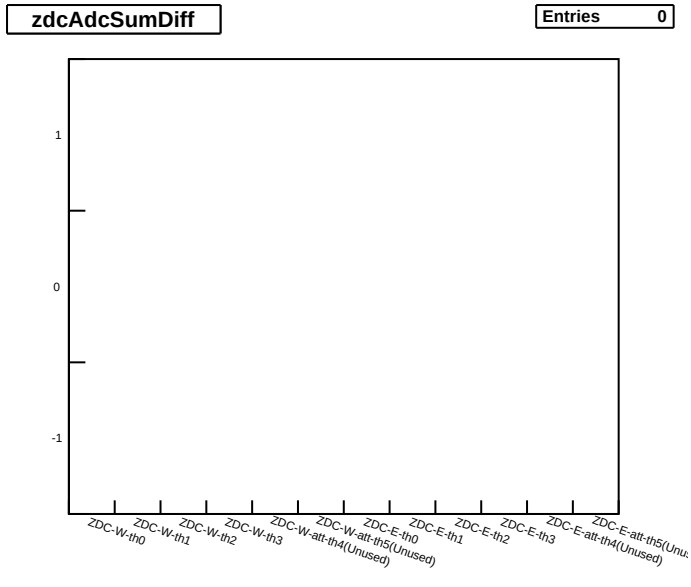

zdcEastTac
Entries 128497

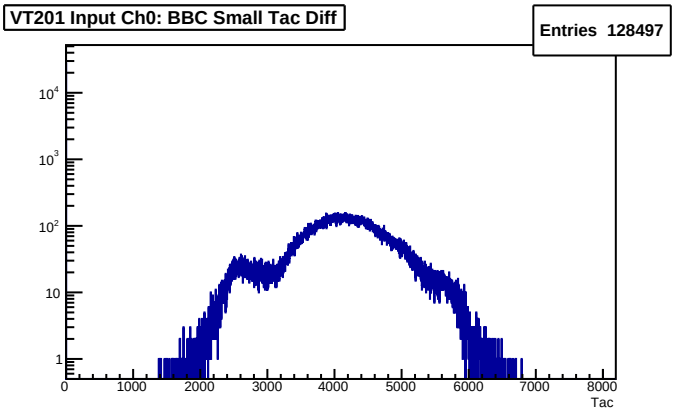

zdcEastTacVsSimu
Entries 620
Data
Simu

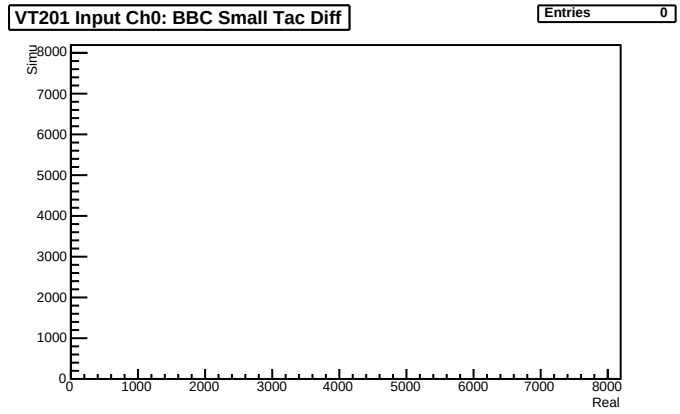

zdcWestTac
Entries 128497

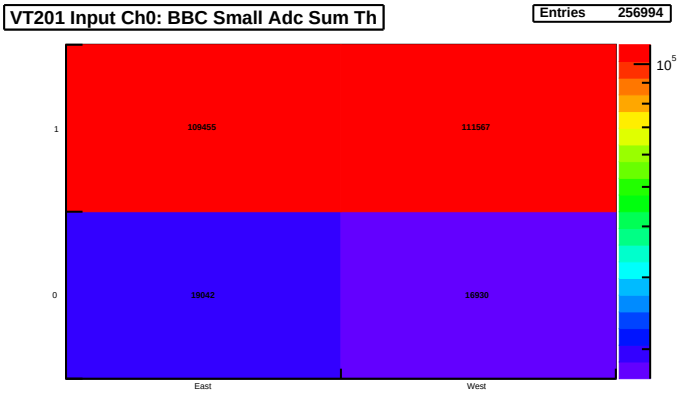

zdcWestTacVsSimu
Entries 1080
Data
Simu

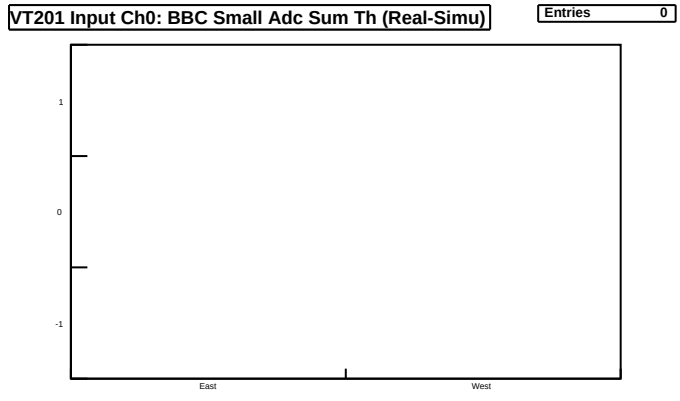

zdcAdcSum
Entries 1541964
16816
2315
8
5
3
3
35191
3100
30
26
20
17
111681
126182
128489
128492
128494
128494
93306
125397
128467
128471
128477
128480
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

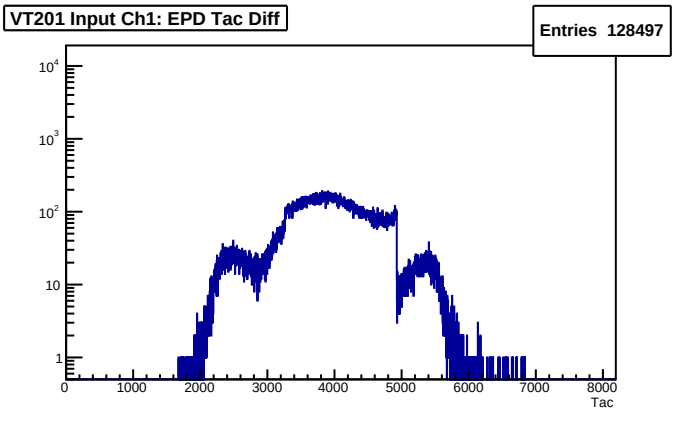

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

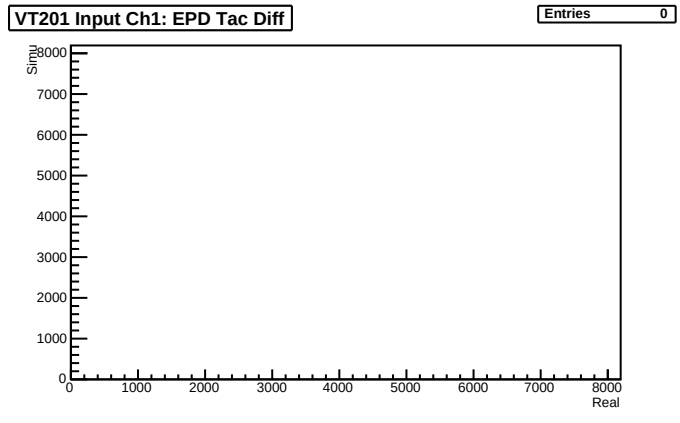

VT201 Input Ch0: BBC Small Tac Diff
Entries 128497
Tac

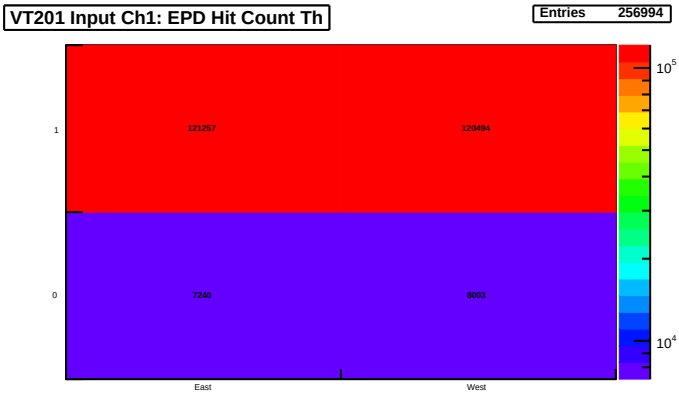

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

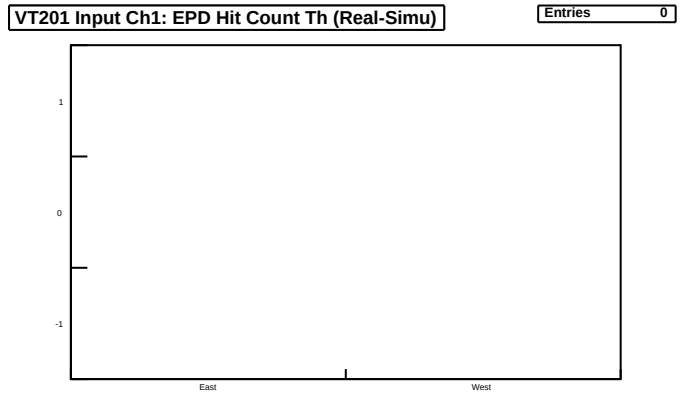

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 256994
109455
111567
19042
16930
East
West

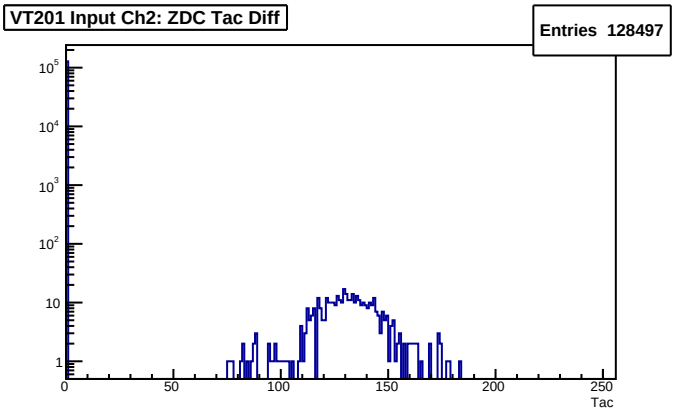

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

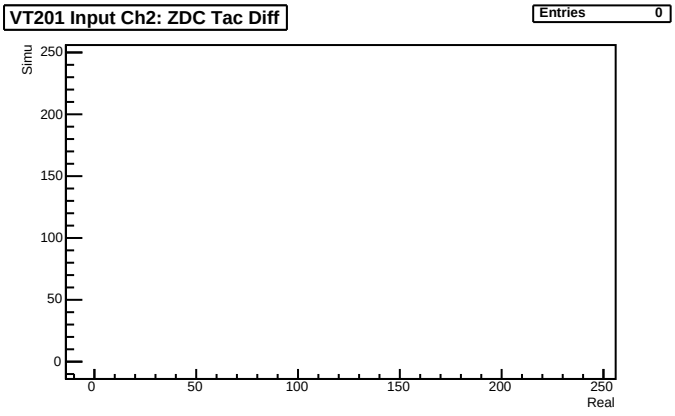

VT201 Input Ch1: EPD Tac Diff
Entries 128497
Tac

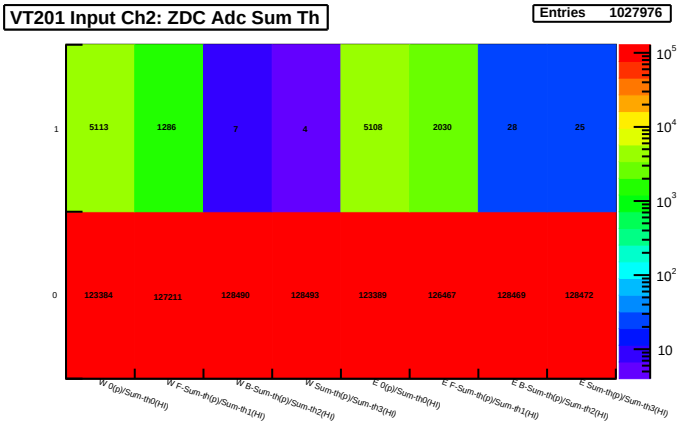

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

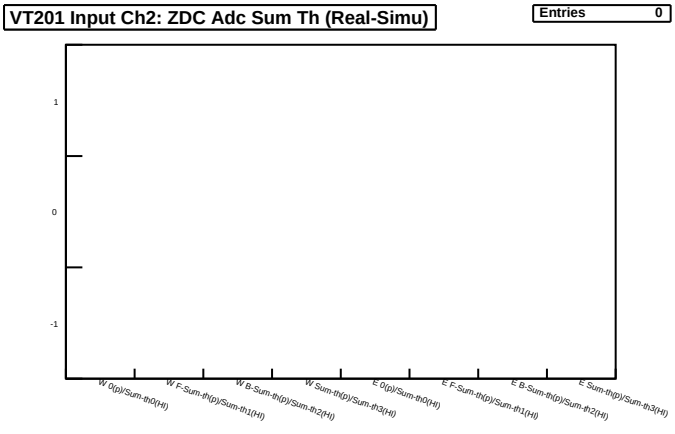

VT201 Input Ch1: EPD Hit Count Th
Entries 256994
121257
120494
7240
8003
East
West

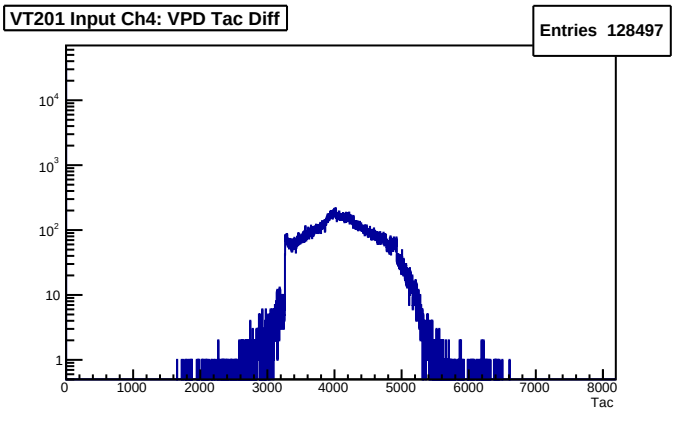

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

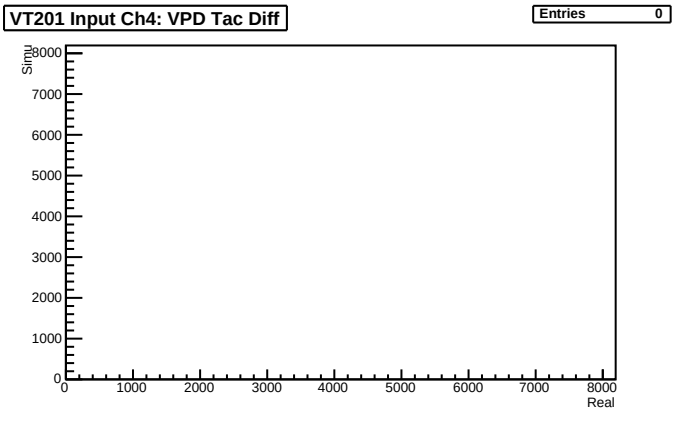

VT201 Input Ch2: ZDC Tac Diff
Entries 128497
Tac

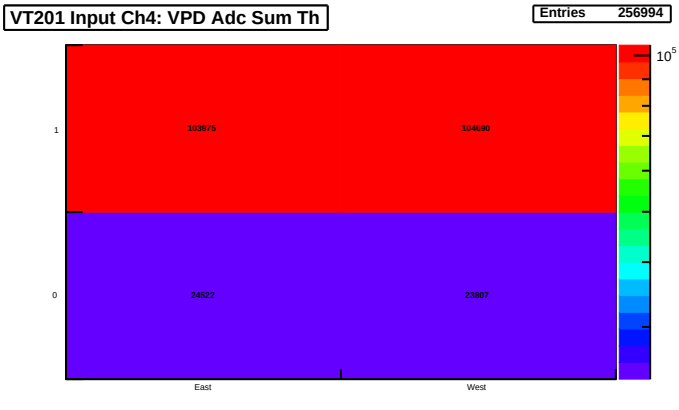

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

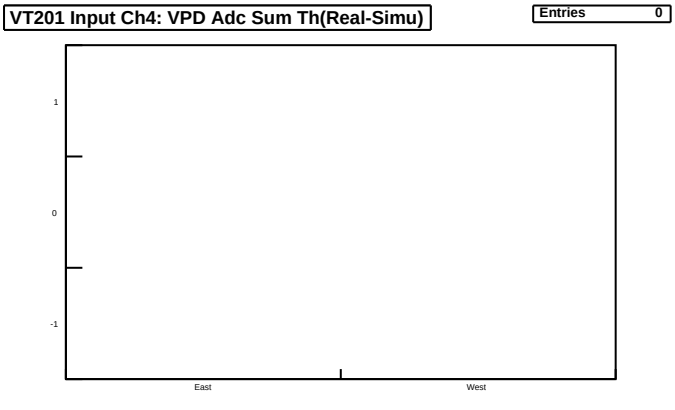

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1027976
5113
1286
7
4
5108
2030
28
25
123384
127211
128490
128493
123389
126467
128469
128472
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

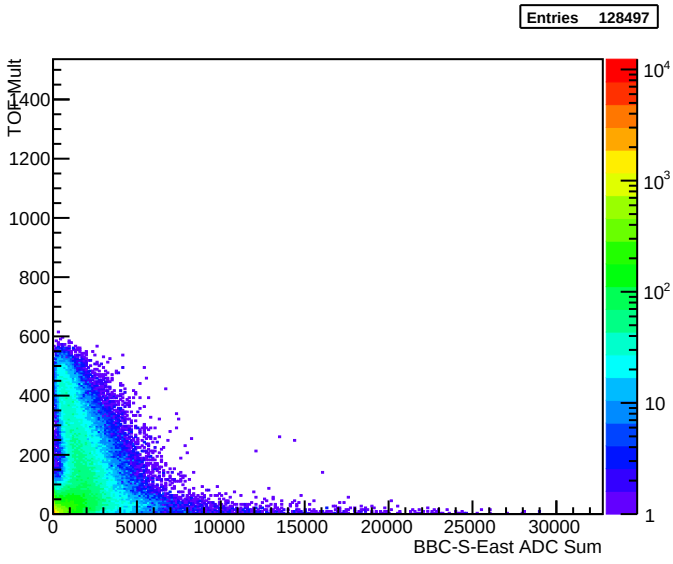

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

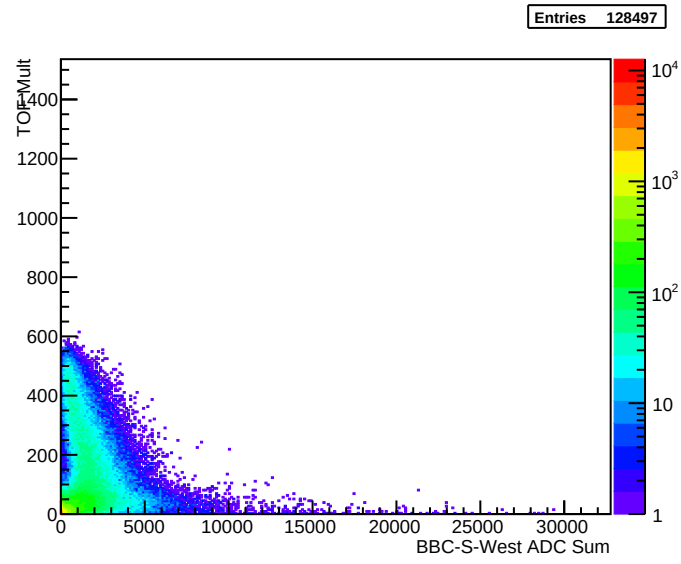

VT201 Input Ch4: VPD Tac Diff
Entries 128497
Tac

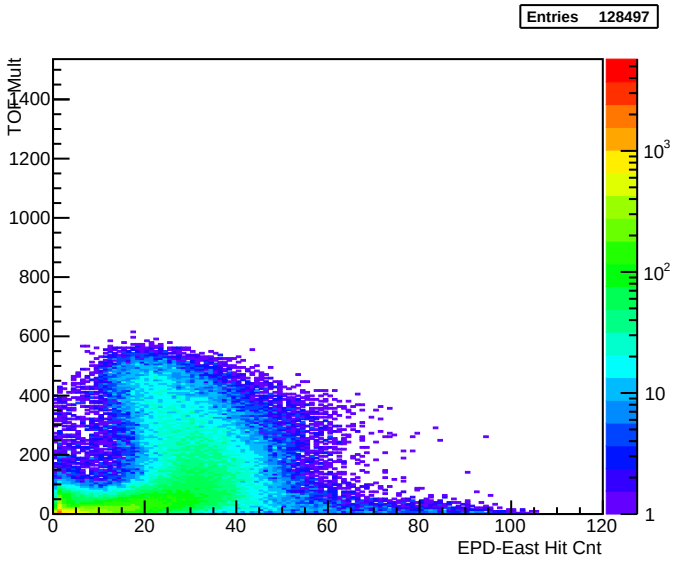

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

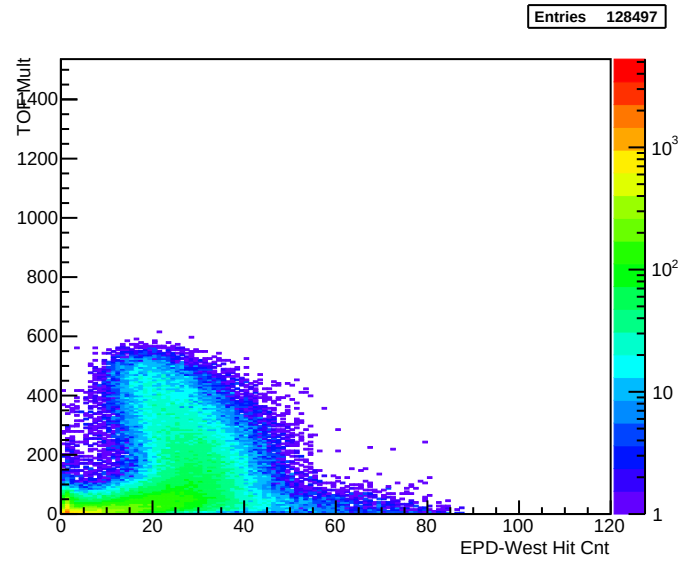

VT201 Input Ch4: VPD Adc Sum Th
Entries 256994
103975
104690
24522
23807
East
West

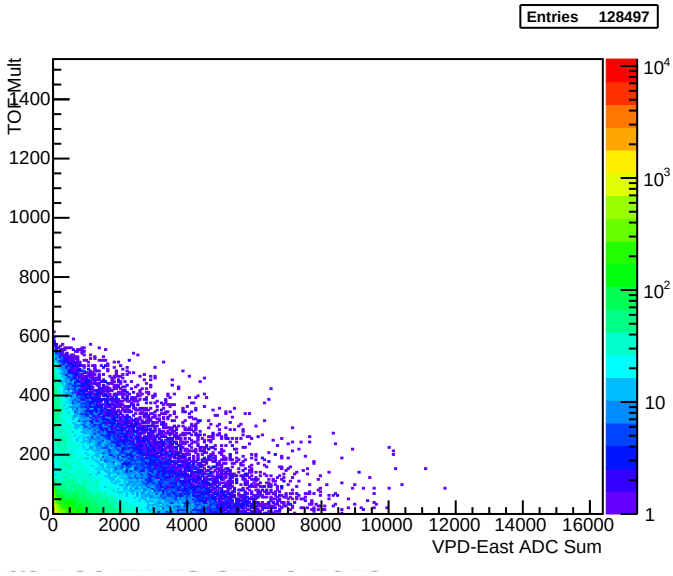

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

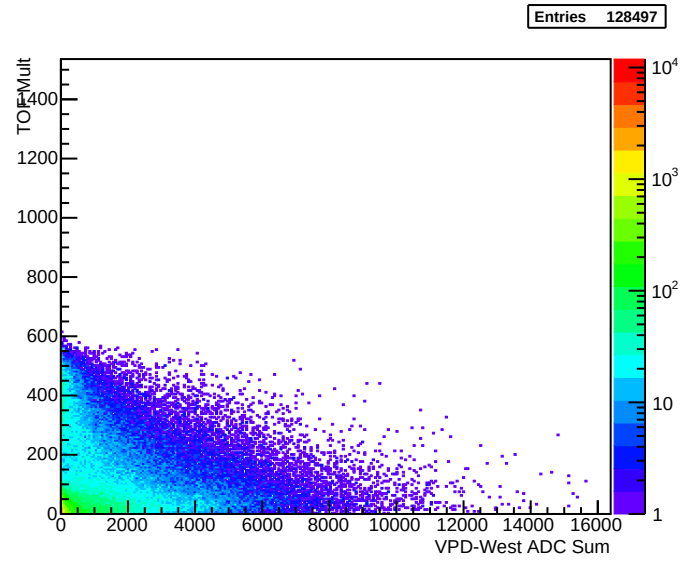

Entries 128497
TOF-Mult
BBC-S-East ADC Sum

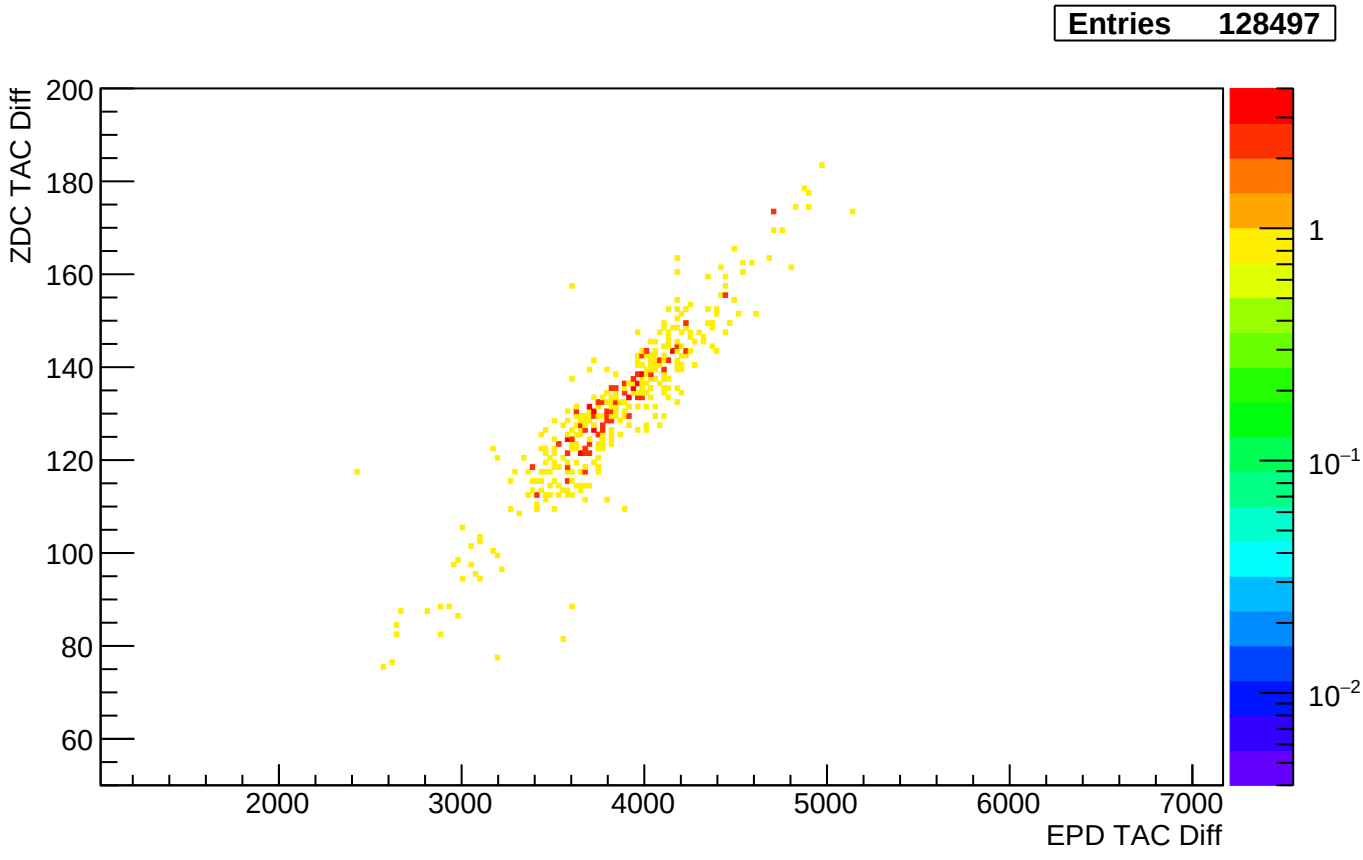

Entries 128497
TOF-Mult
BBC-S-West ADC Sum

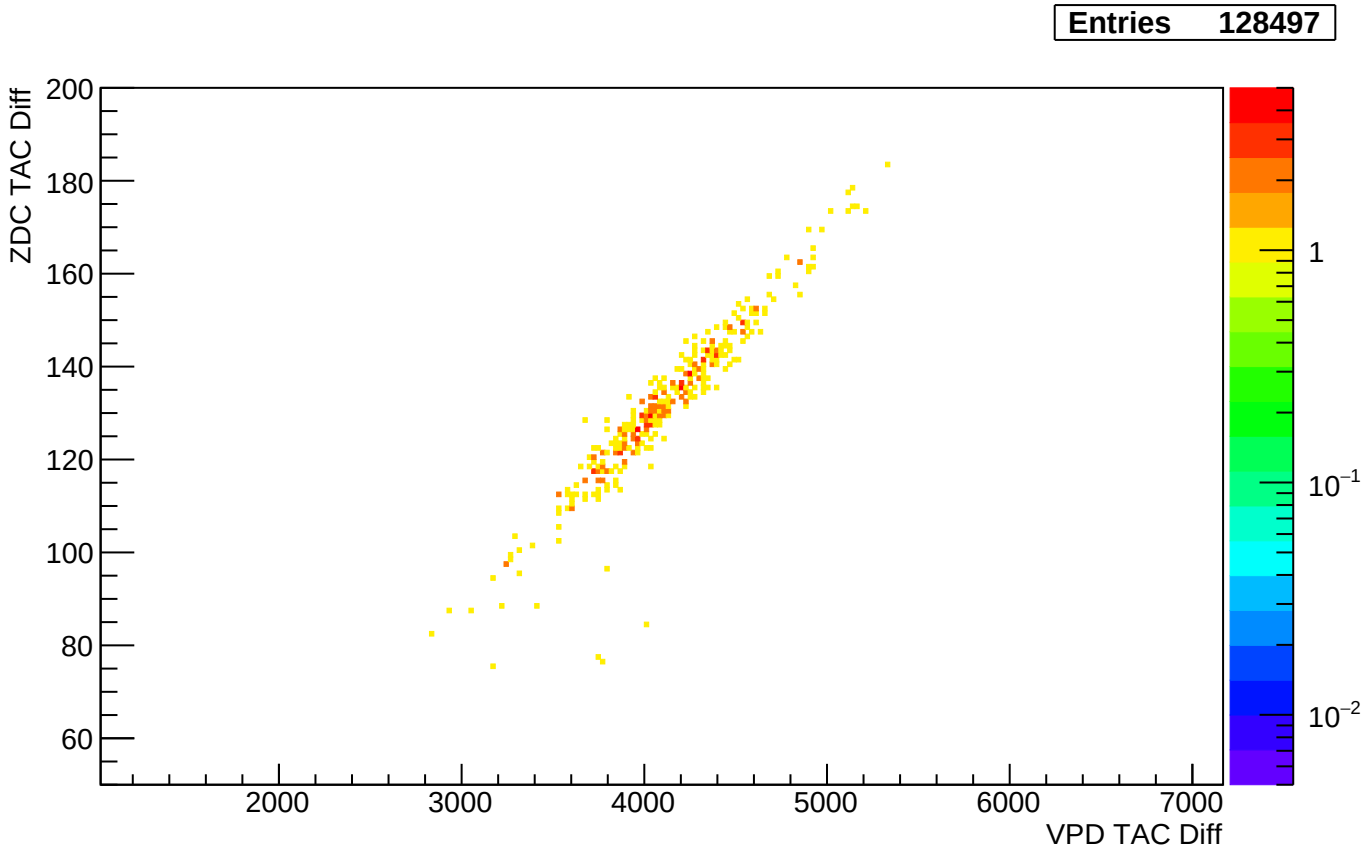

Entries 128497
TOF-Mult
EPD-East Hit Cnt

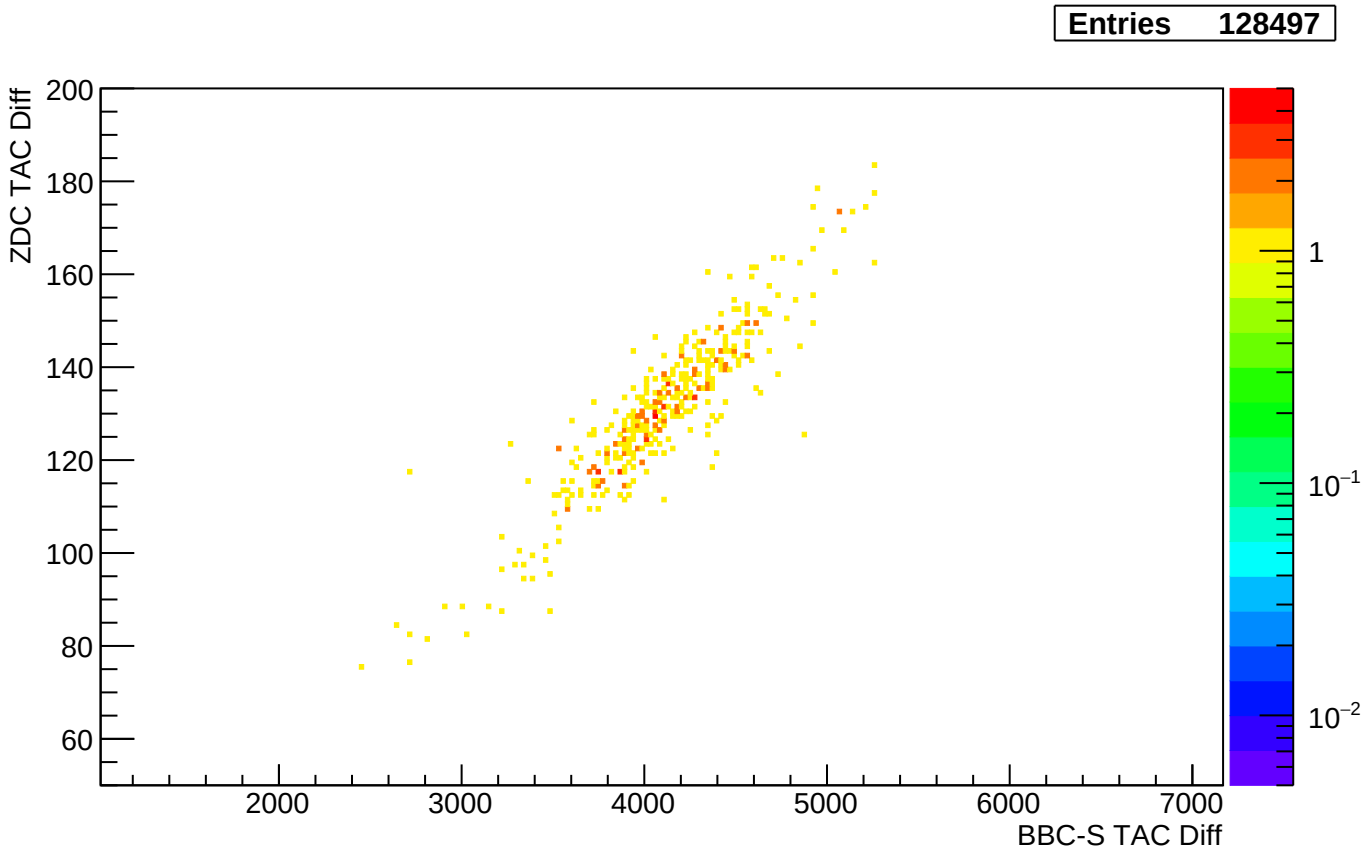

Entries 128497
TOF-Mult
EPD-West Hit Cnt

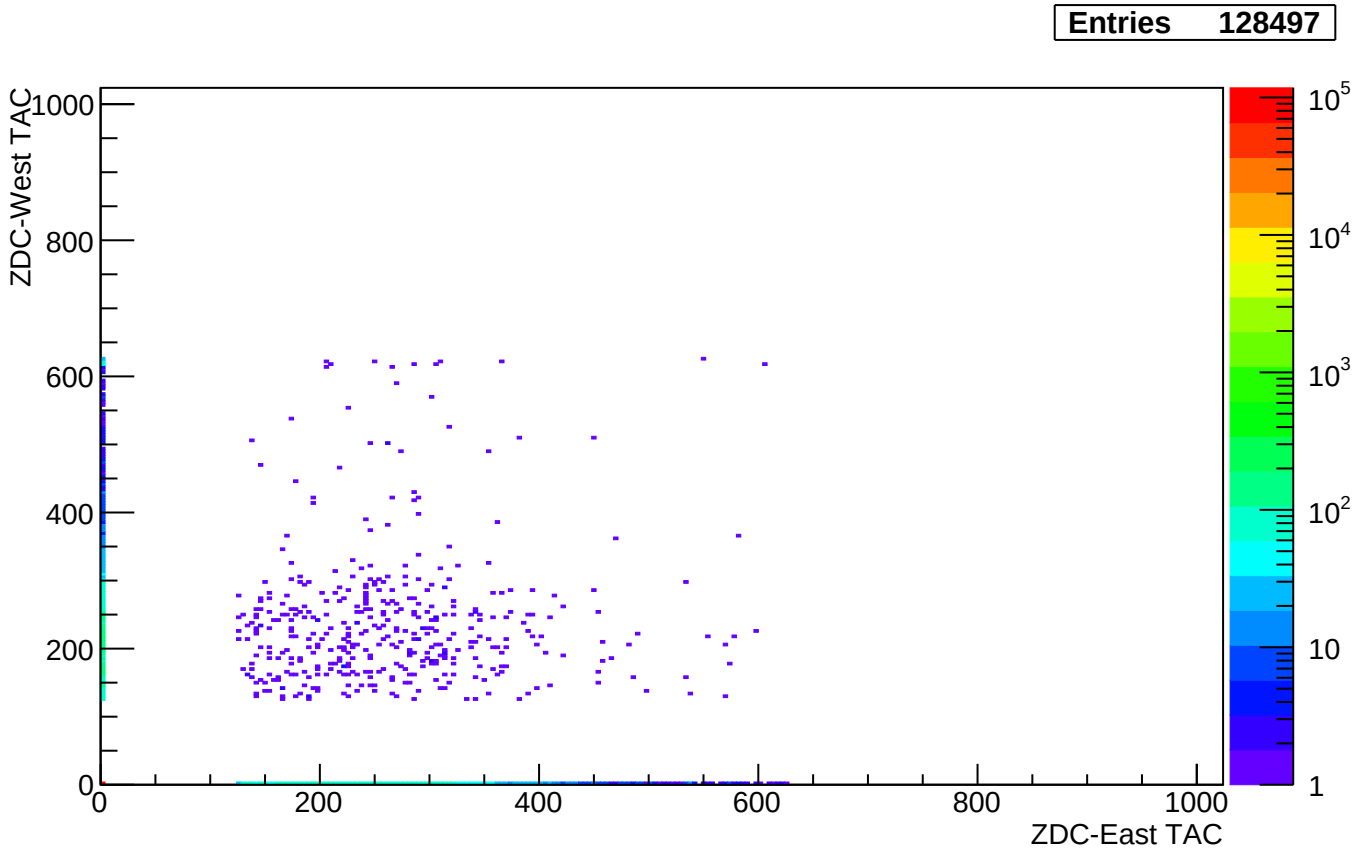

Entries 128497
TOF-Mult
VPD-East ADC Sum

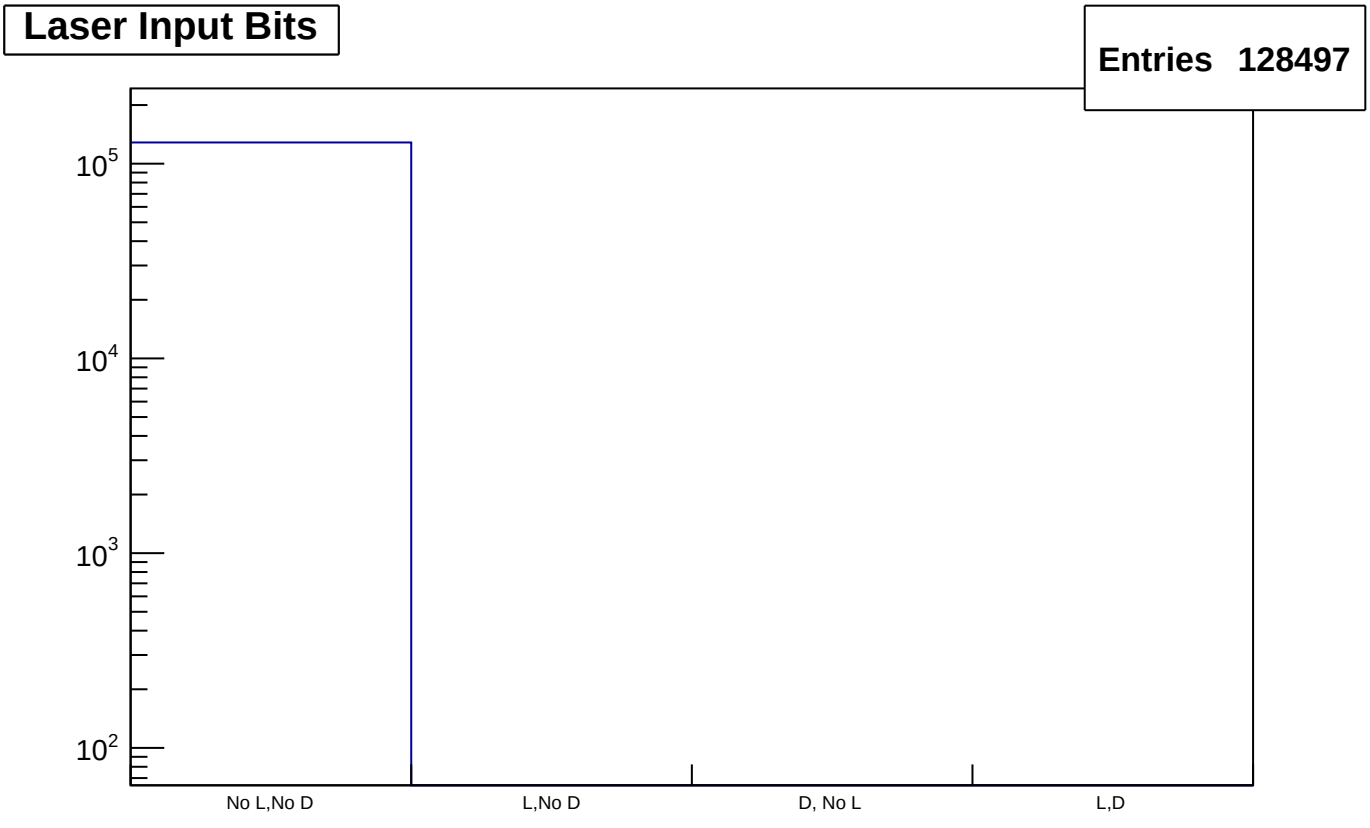

Entries 128497
TOF-Mult
VPD-West ADC Sum

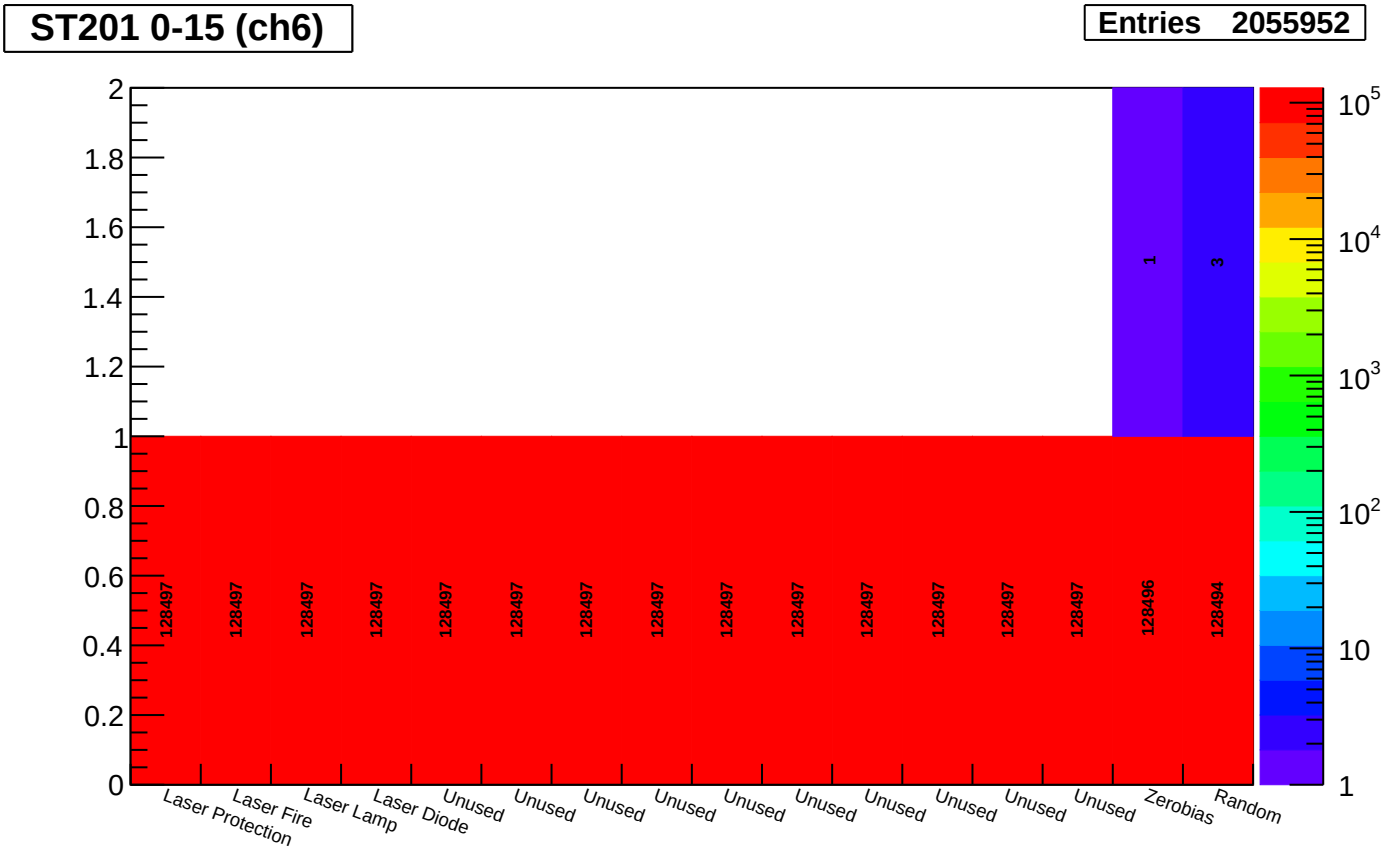

Entries 128497
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

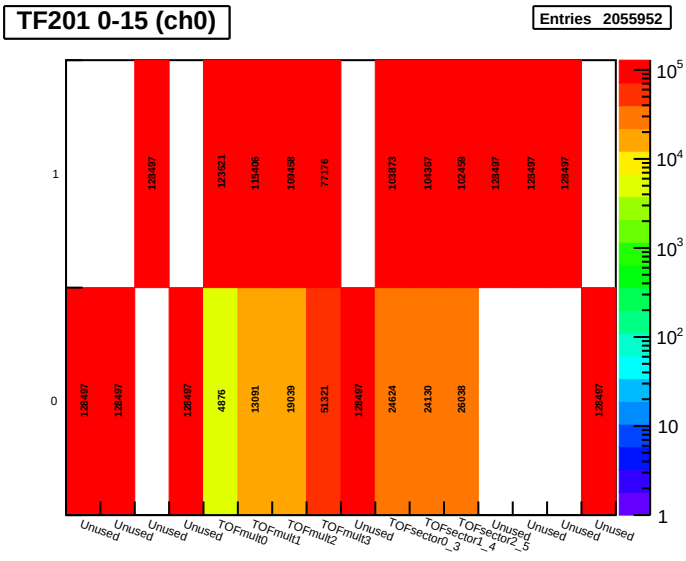

Entries 128497
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

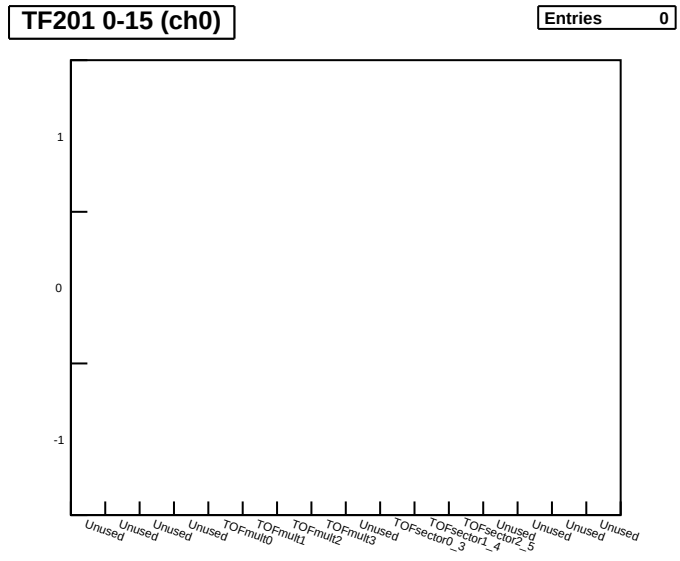

Entries 128497
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

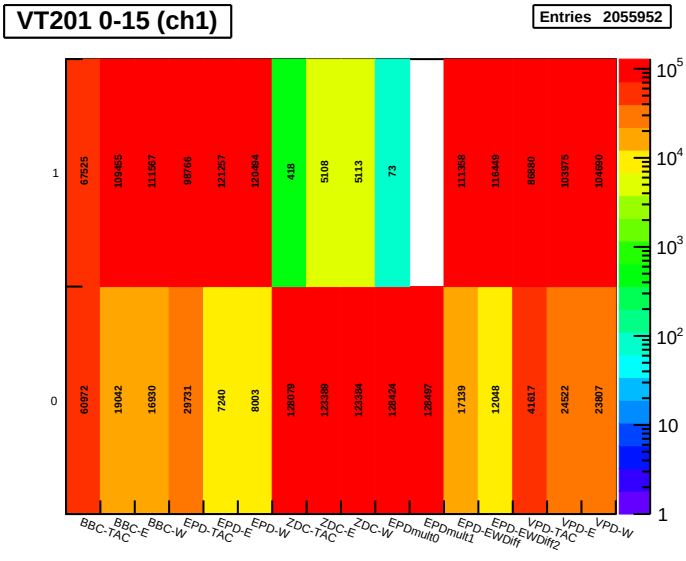

Entries 128497
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

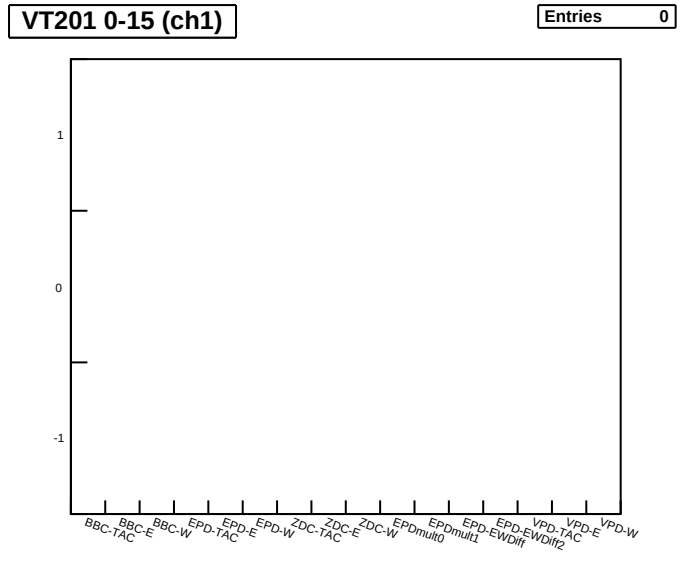

Laser Input Bits
Entries 128497
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

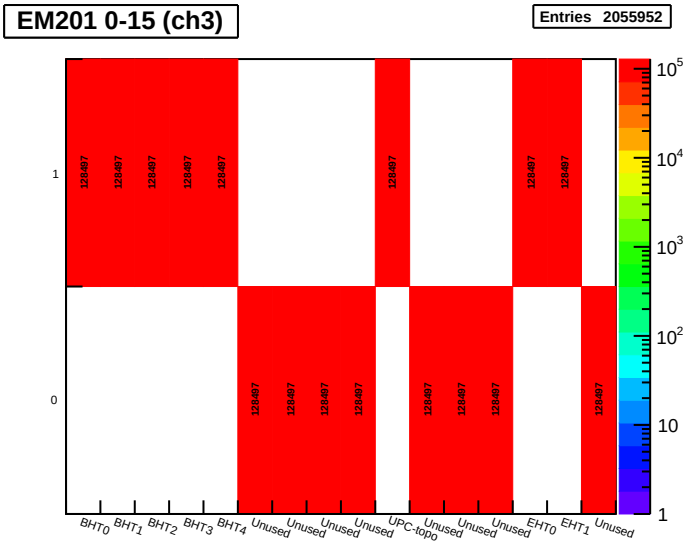

ST201 0-15 (ch6)
Entries 2055952
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
128497
128497
128497
128497
128497
128497
128497
128497
128497
128497
128497
128497
128497
128497
128496
128494
1
3
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

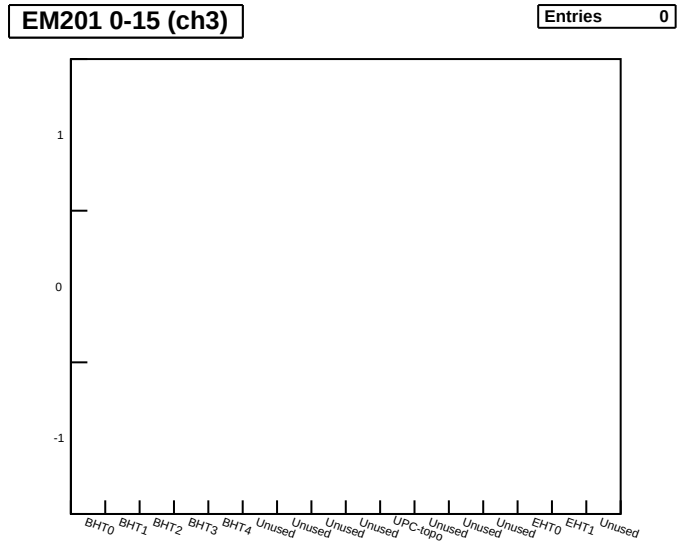

TF201 0-15 (ch0)
Entries 2055952
1
0
128497 128497 128497 128497 123621 115406 109458 77176 103973 104367 102459 128497 128497 128497
128497 128497 128497 4876 13091 19039 51321 128497 24624 24130 26038 128497
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 2055952
1
0
67525 109455 111567 98766 121257 120484 418 5108 5113 73 111358 116449 88880 103975 104680
60972 19042 16830 29731 7240 8003 128079 123389 123384 128424 128497 17139 12048 41617 24522 23807
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 2055952
1
0
128497 128497 128497 128497 128497 128497 128497 128497 128497
128497 128497 128497 128497 128497 128497 128497 128497
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