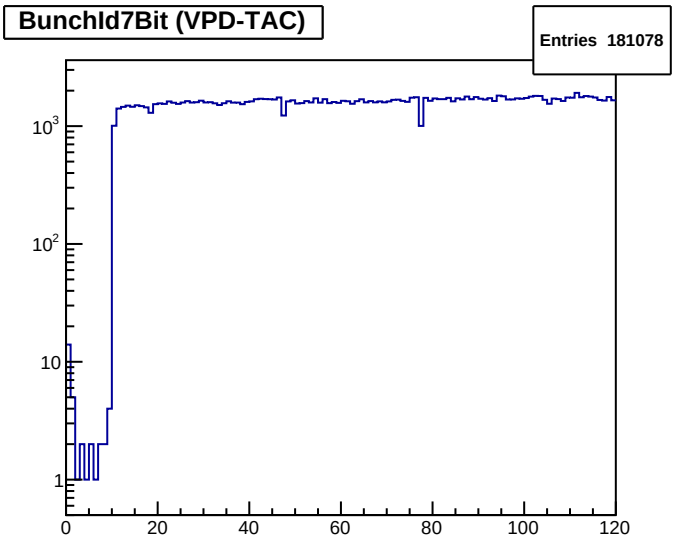
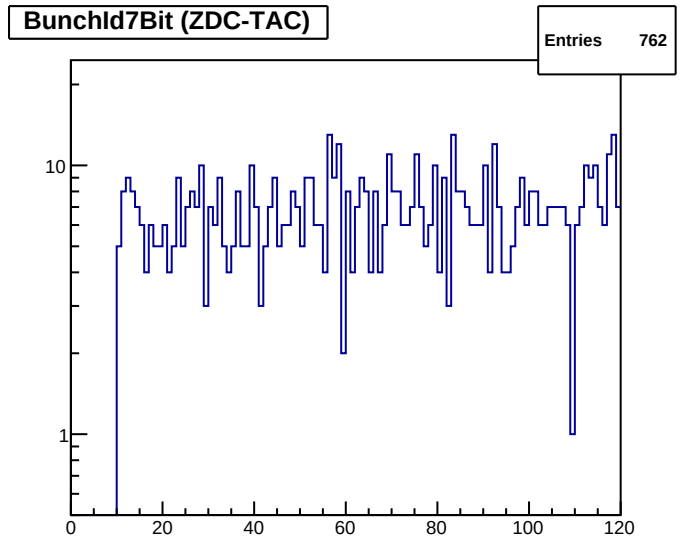
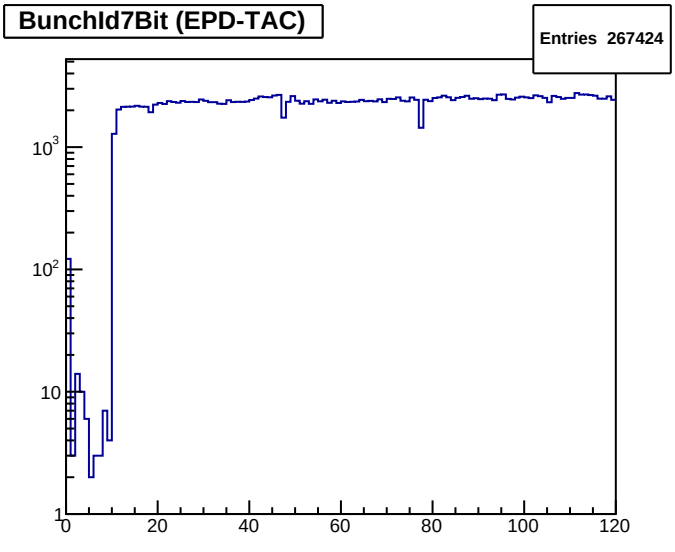
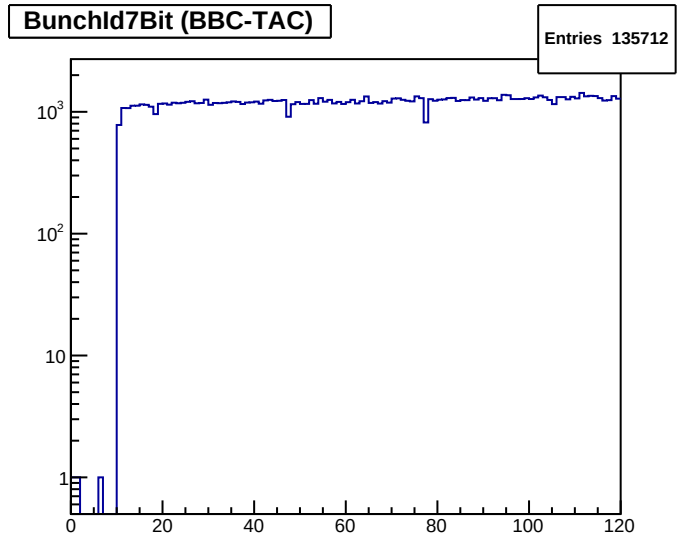
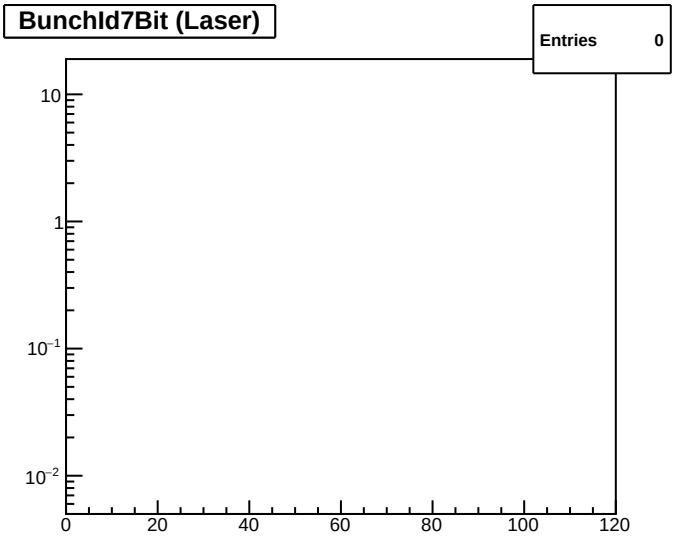
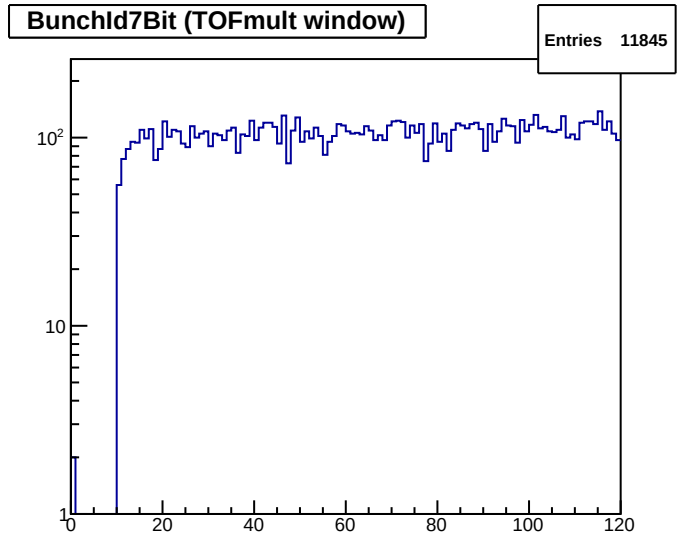

BunchId7Bit (VPD-TAC)
Entries 181078

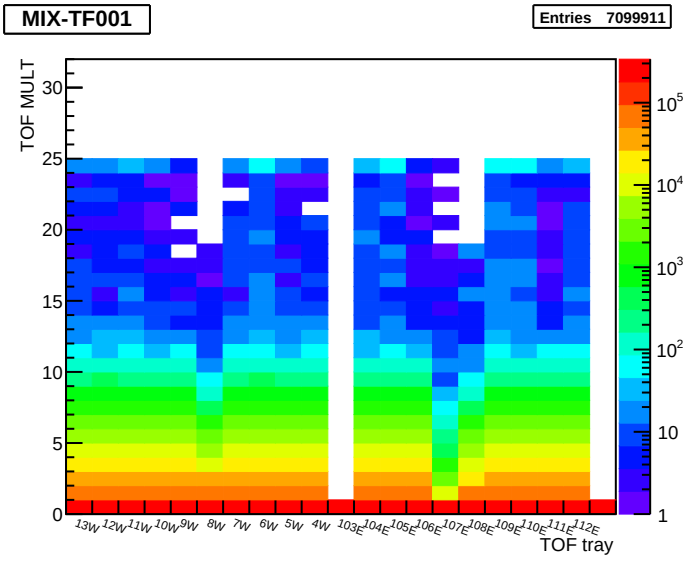

BunchId7Bit (ZDC-TAC)
Entries 762

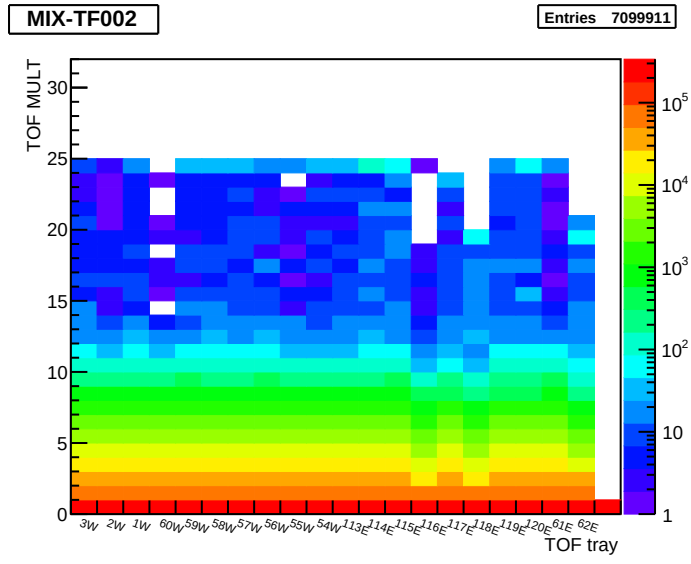

BunchId7Bit (EPD-TAC)
Entries 267424

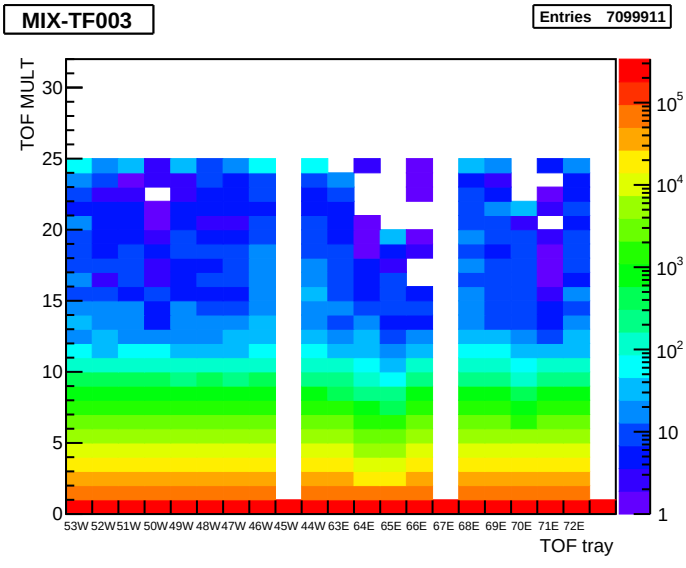

BunchId7Bit (BBC-TAC)
Entries 135712

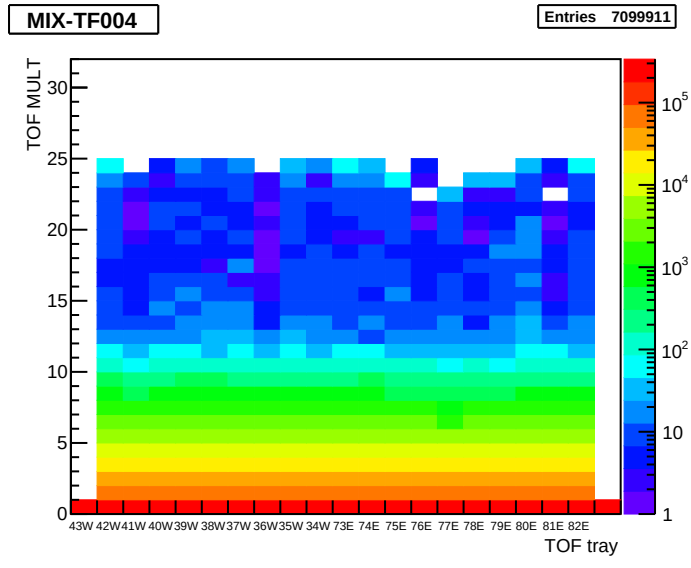

BunchId7Bit (Laser)
Entries 0

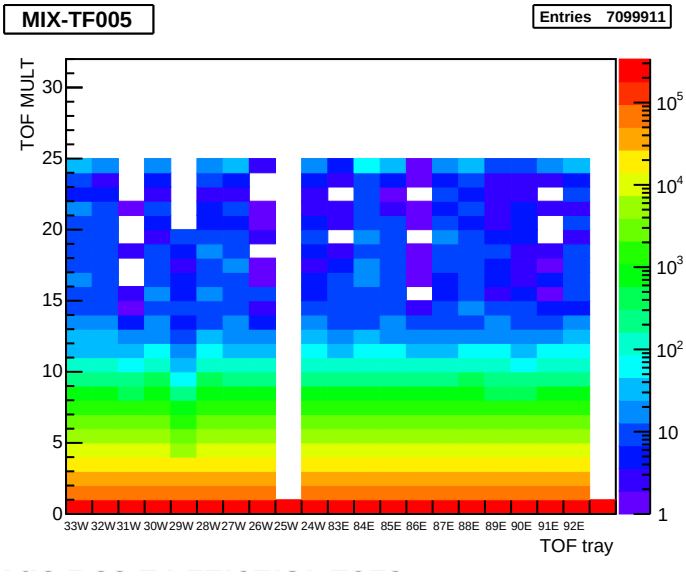

BunchId7Bit (TOFmult window)
Entries 11845

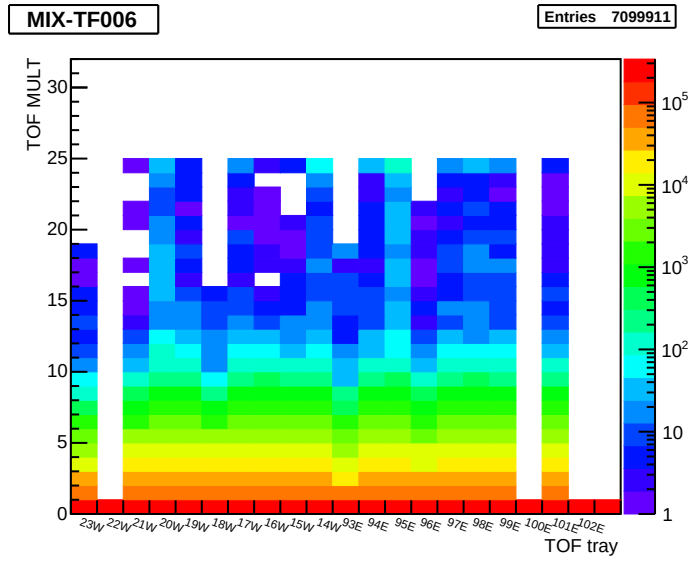

MIX-TF001
Entries 7099911
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

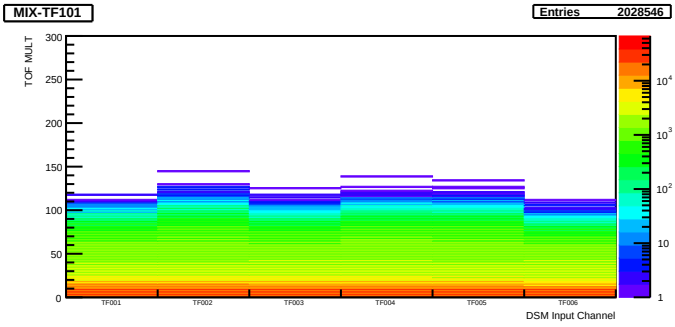

MIX-TF002
Entries 7099911
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

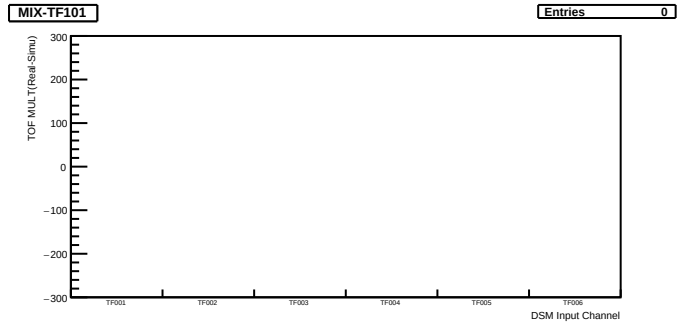

MIX-TF003
Entries 7099911
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

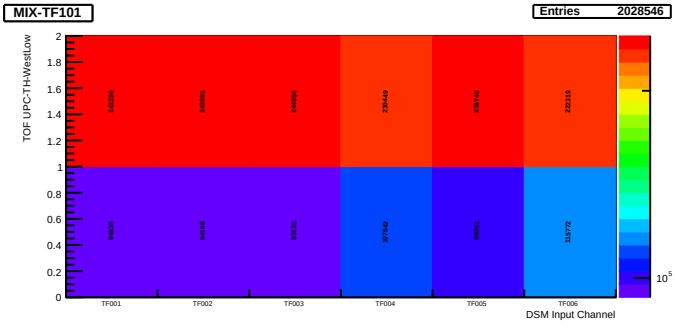

MIX-TF004
Entries 7099911
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

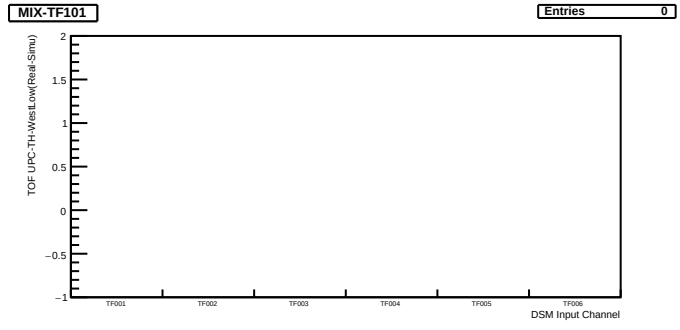

MIX-TF005
Entries 7099911
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

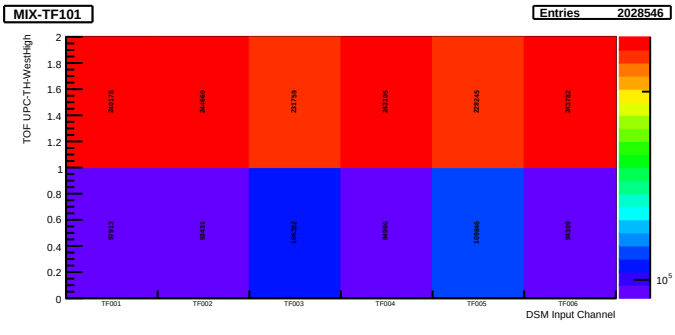

MIX-TF006
Entries 7099911
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

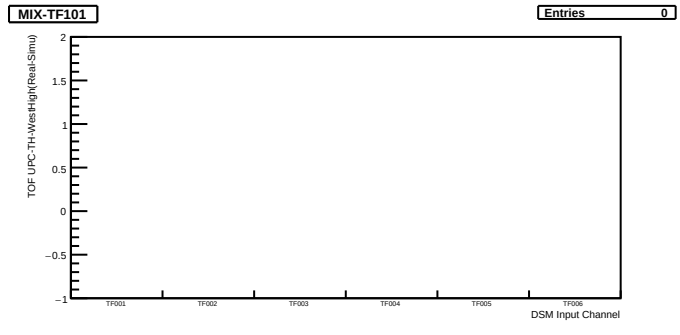

MIX-TF101
Entries 2028546
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

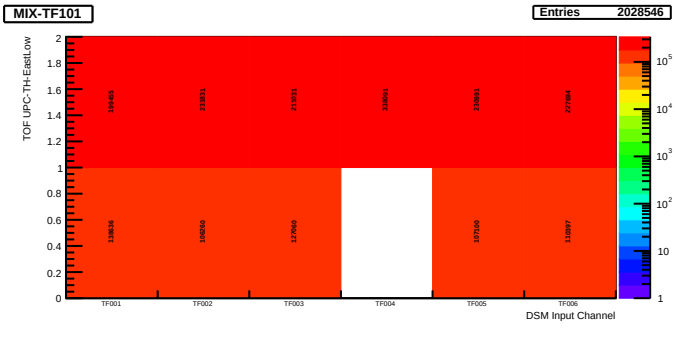

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

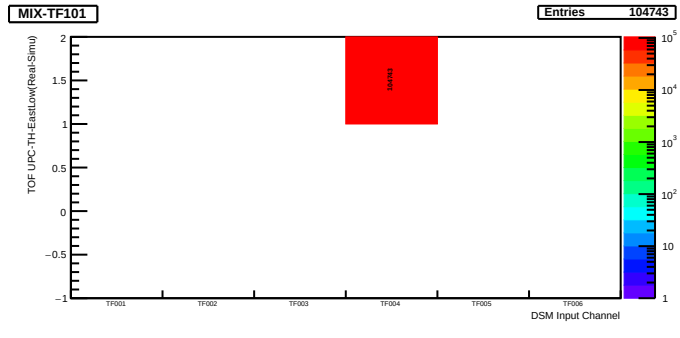

MIX-TF101
Entries 2028546
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

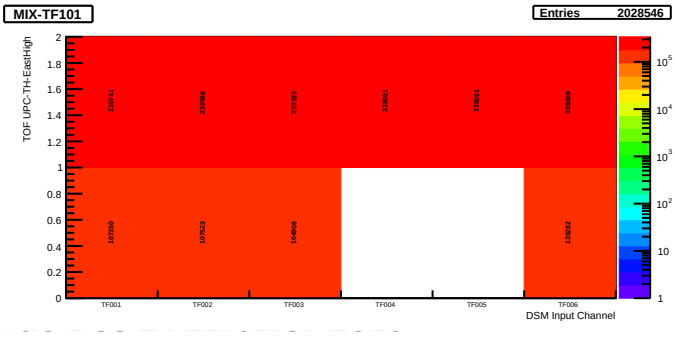

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

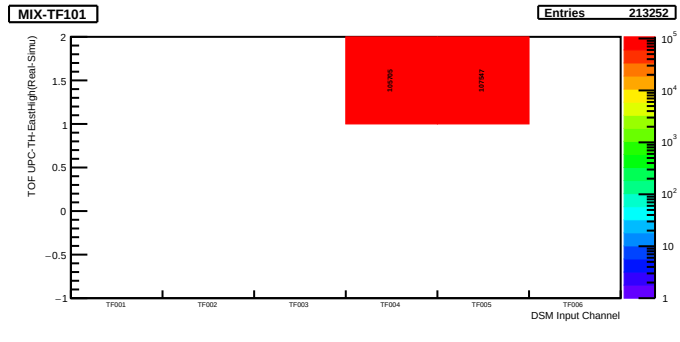

MIX-TF101
Entries 2028546
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

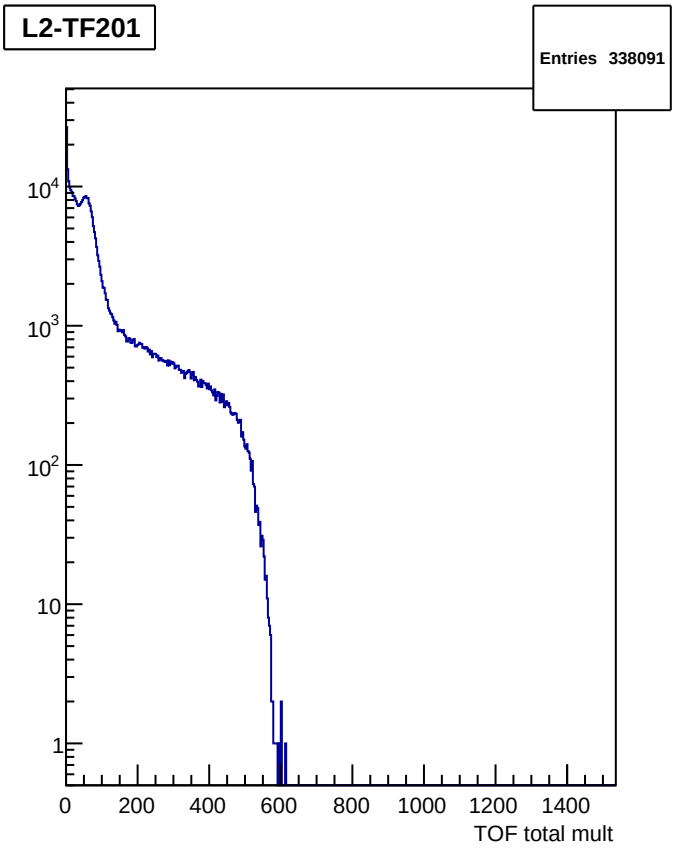

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

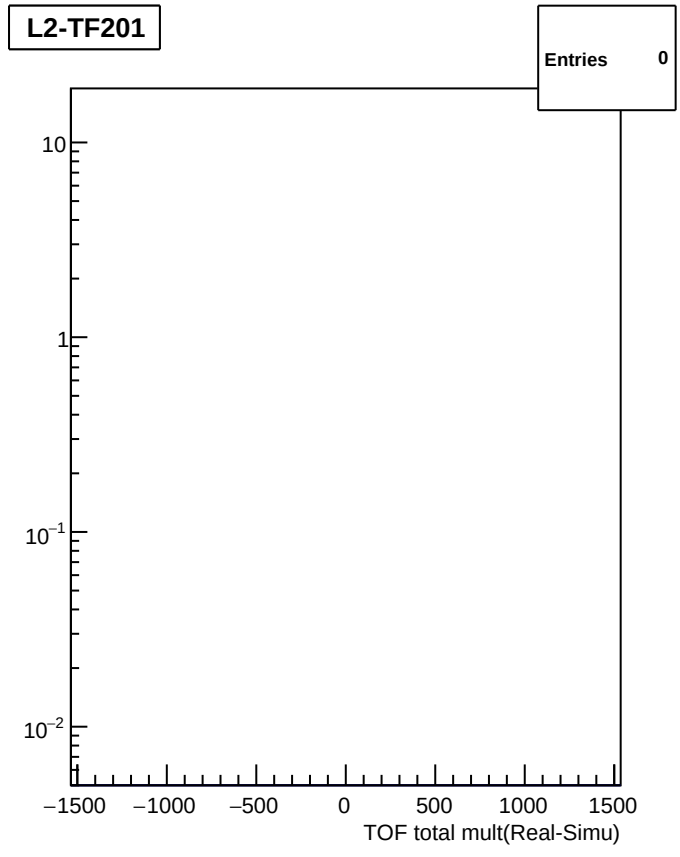

MIX-TF101
Entries 2028546
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

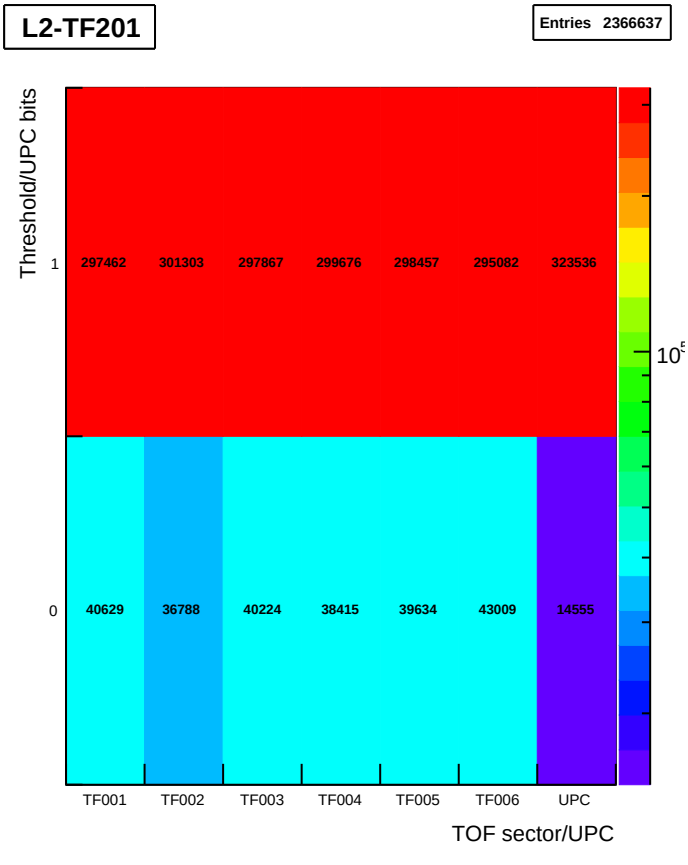

MIX-TF101
Entries 104743
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

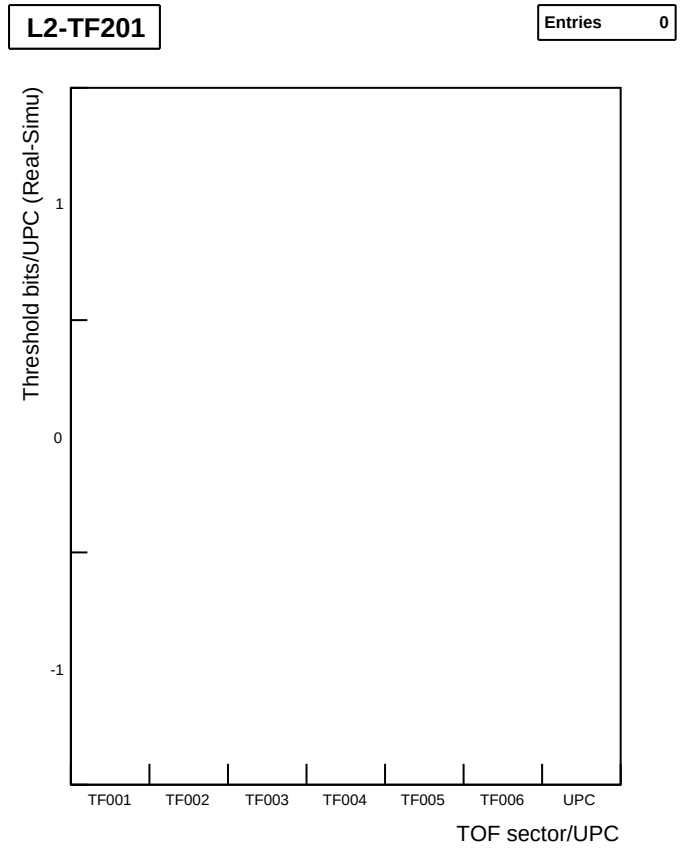

MIX-TF101
Entries 2028546
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

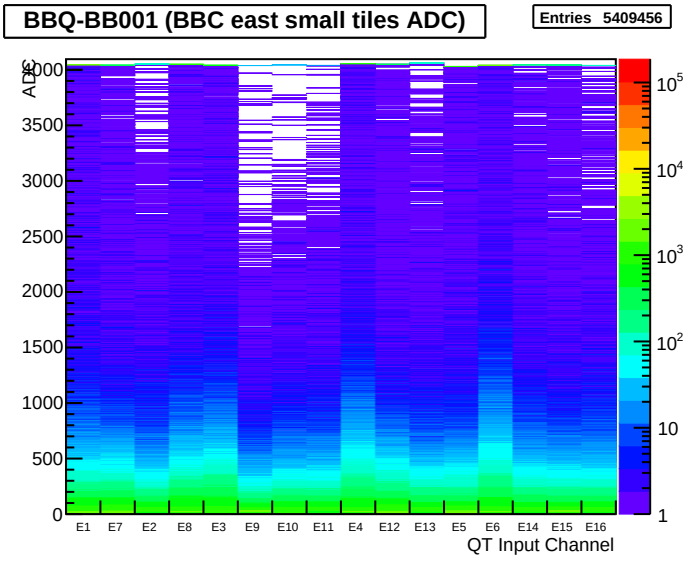

MIX-TF101
Entries 213252
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

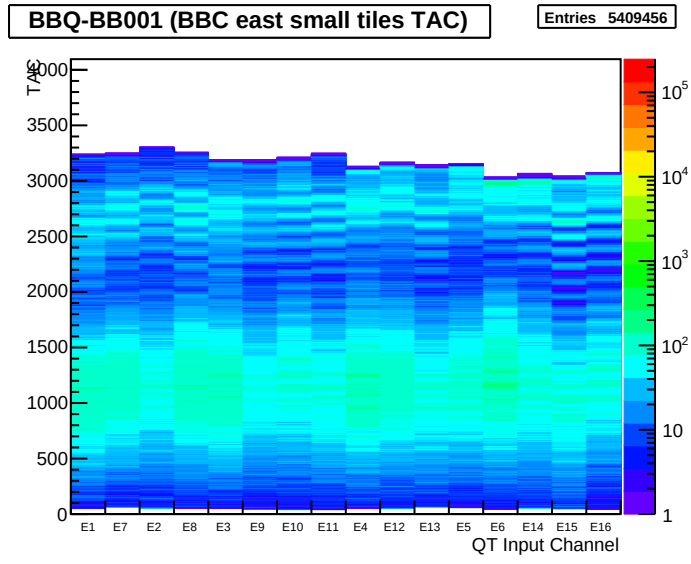

L2-TF201
Entries 338091
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

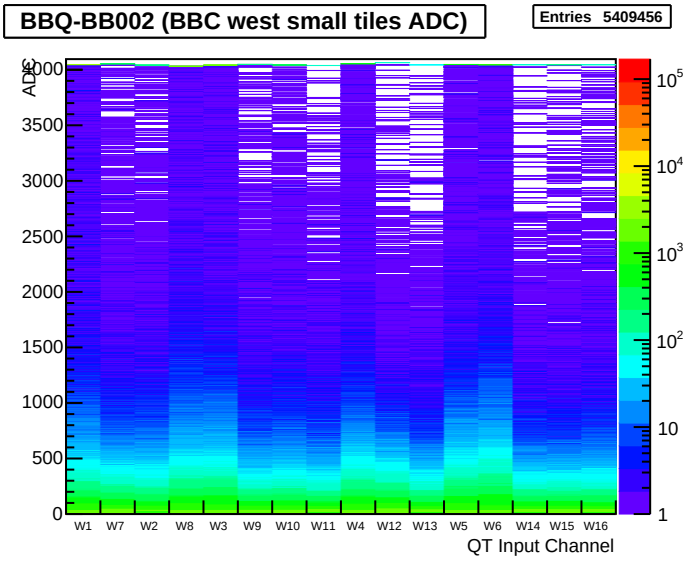

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

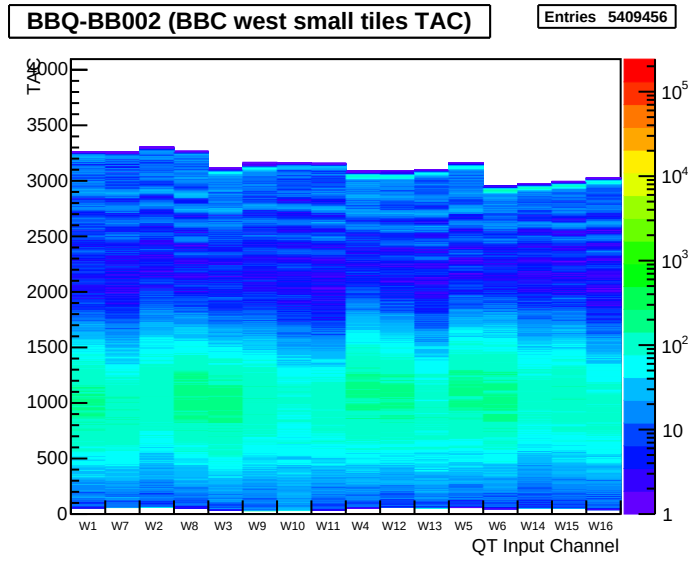

L2-TF201
Entries 2366637
Threshold/UPC bits
1
0
297462
301303
297867
299676
298457
295082
323536
40629
36788
40224
38415
39634
43009
14555
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

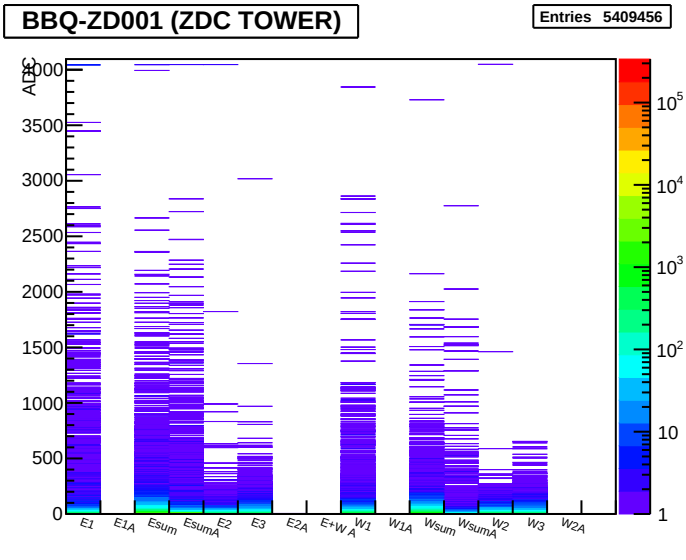

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

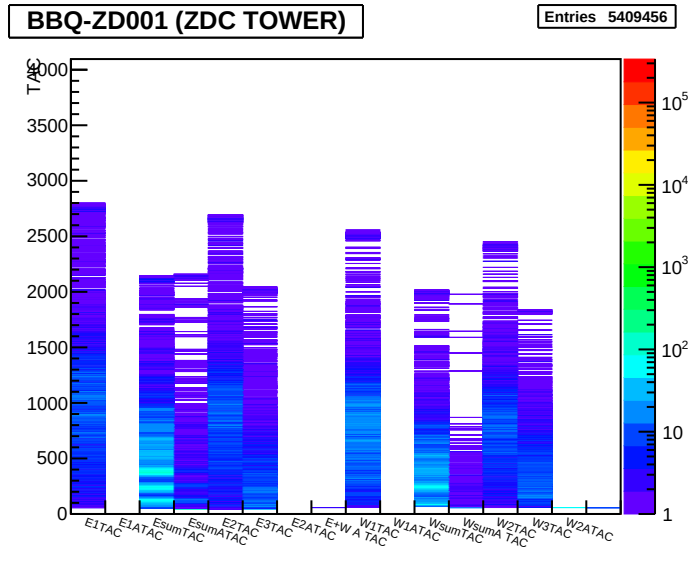

BBQ-BB001 (BBC east small tiles ADC)
Entries 5409456
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

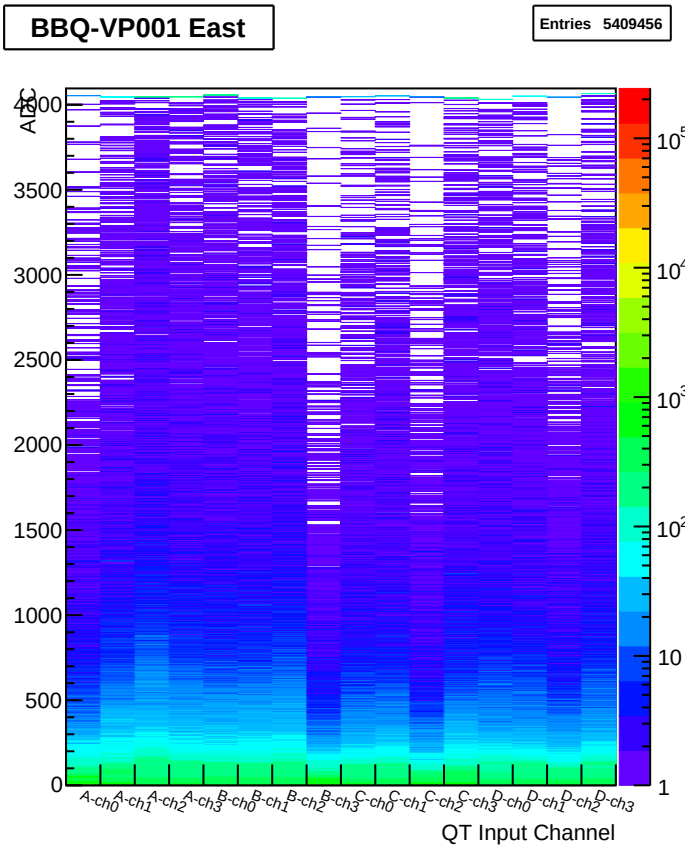

BBQ-BB001 (BBC east small tiles TAC)
Entries 5409456
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

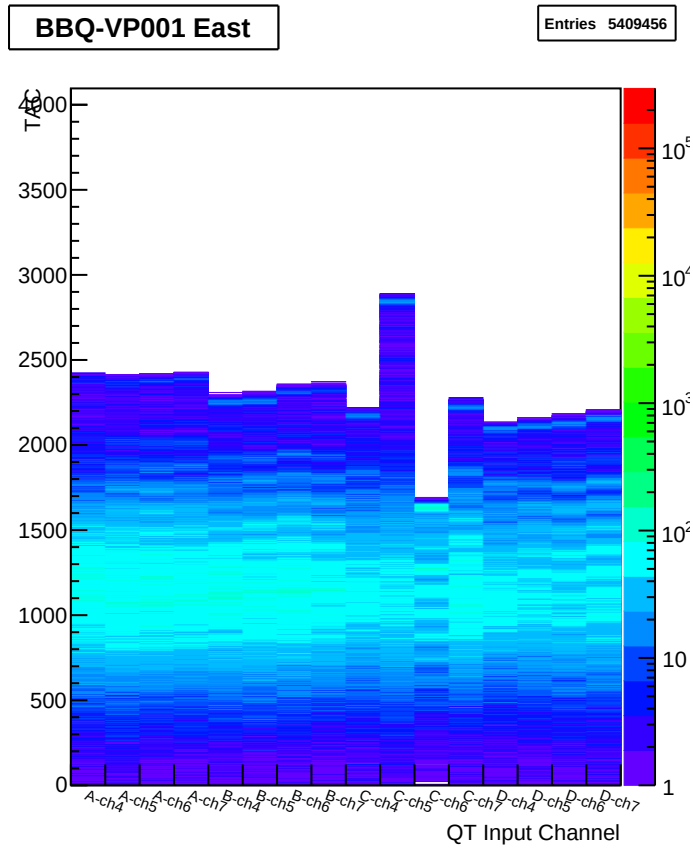

BBQ-BB002 (BBC west small tiles ADC)
Entries 5409456
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

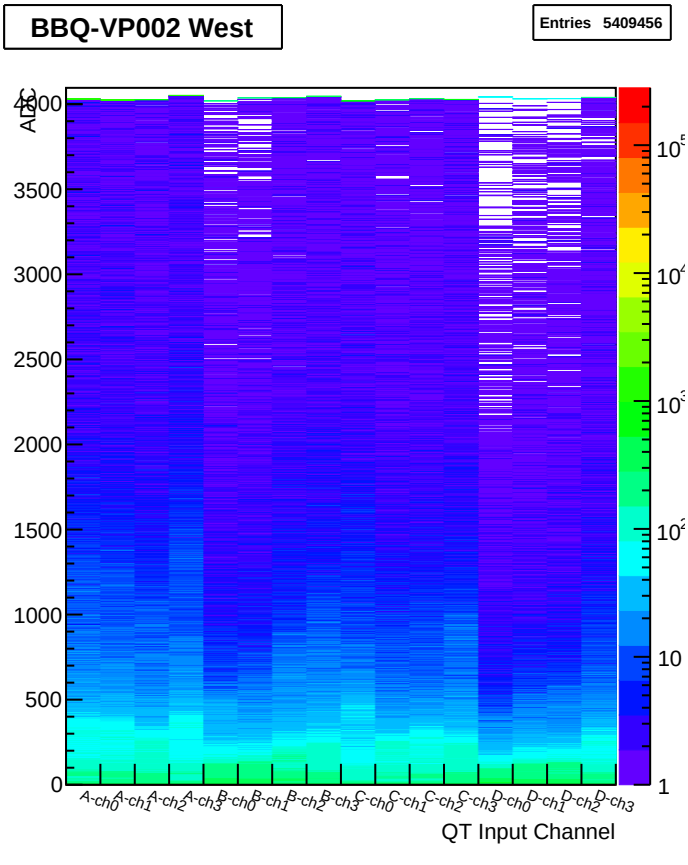

BBQ-BB002 (BBC west small tiles TAC)
Entries 5409456
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

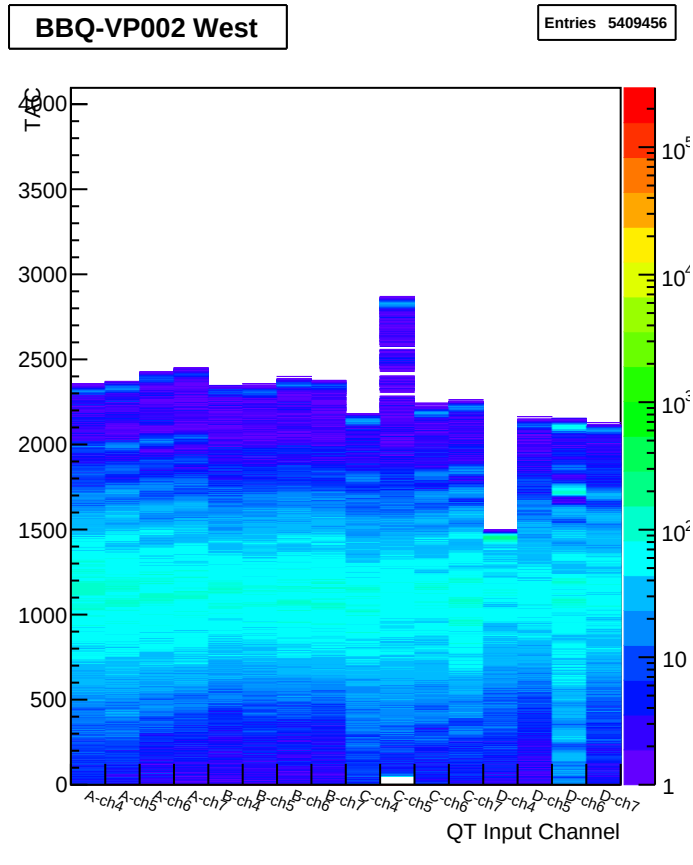

BBQ-ZD001 (ZDC TOWER)
Entries 5409456
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

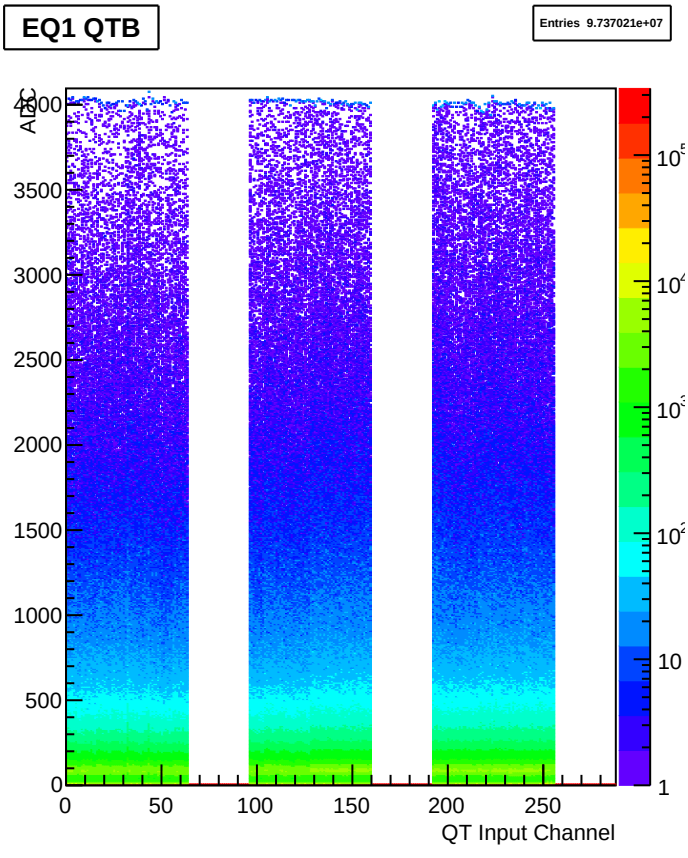

BBQ-ZD001 (ZDC TOWER)
Entries 5409456
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

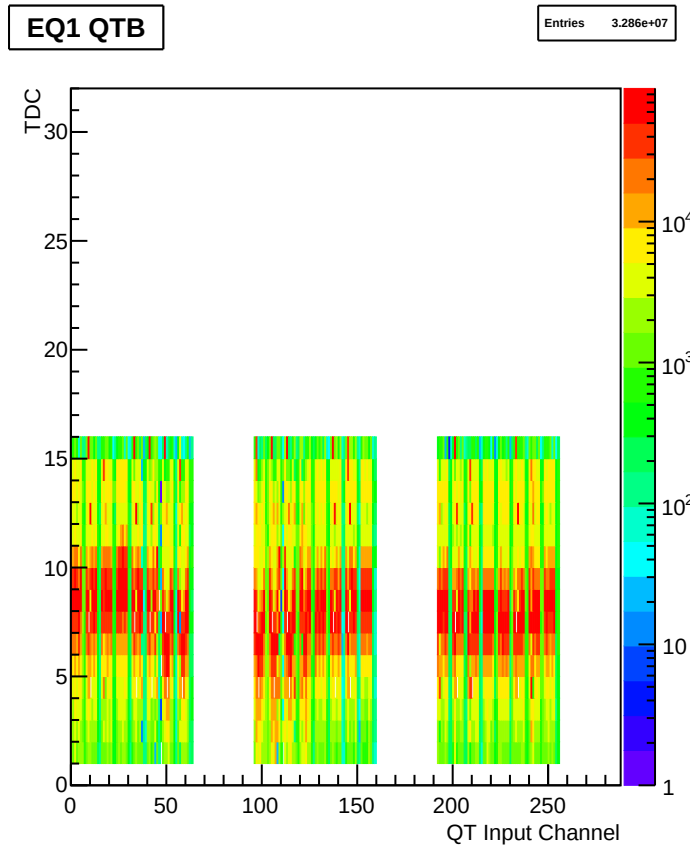

BBQ-VP001 East
Entries 5409456
ADC
QT Input Channel

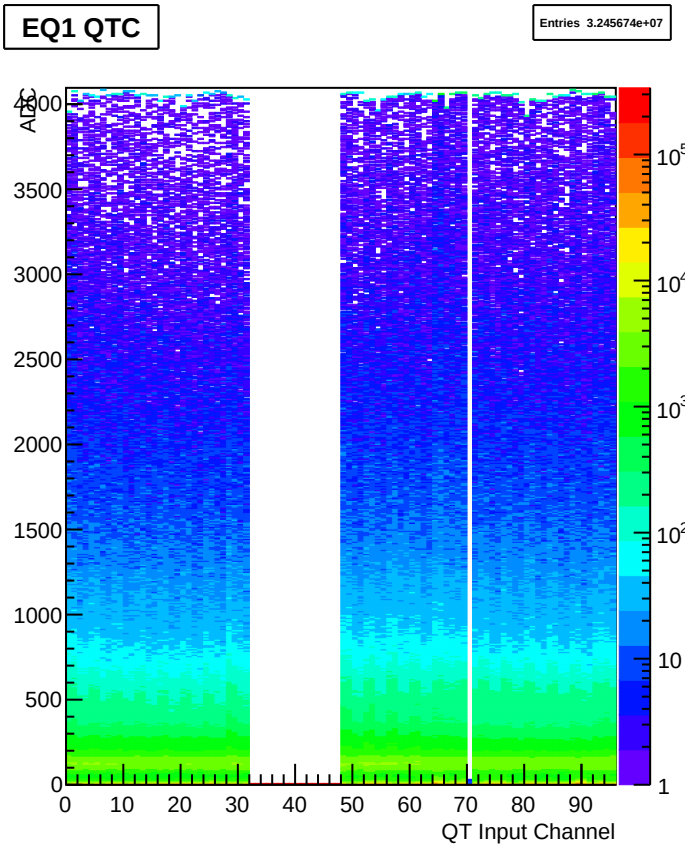

BBQ-VP001 East
Entries 5409456
TADC
QT Input Channel

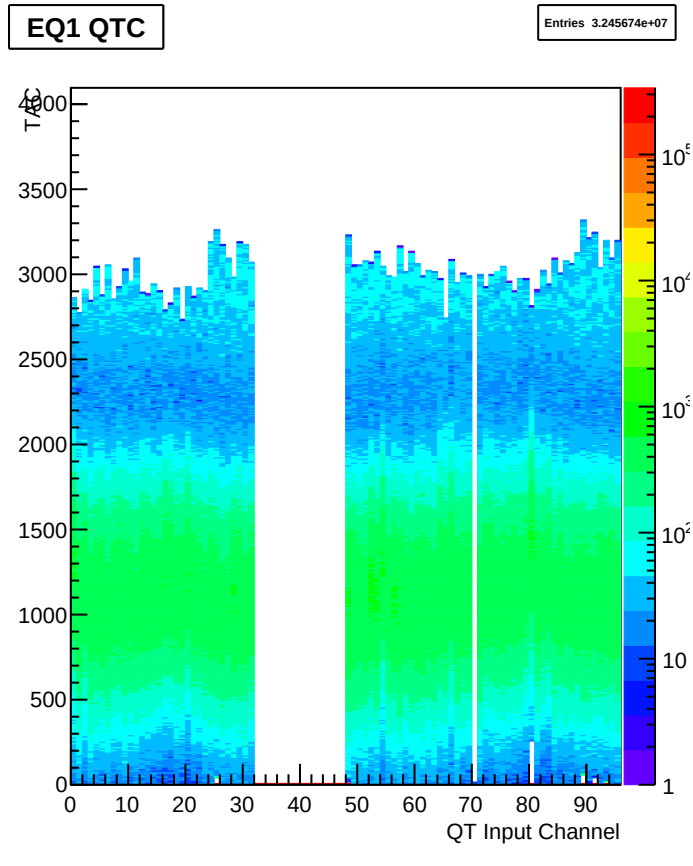

BBQ-VP002 West
Entries 5409456
ADC
QT Input Channel

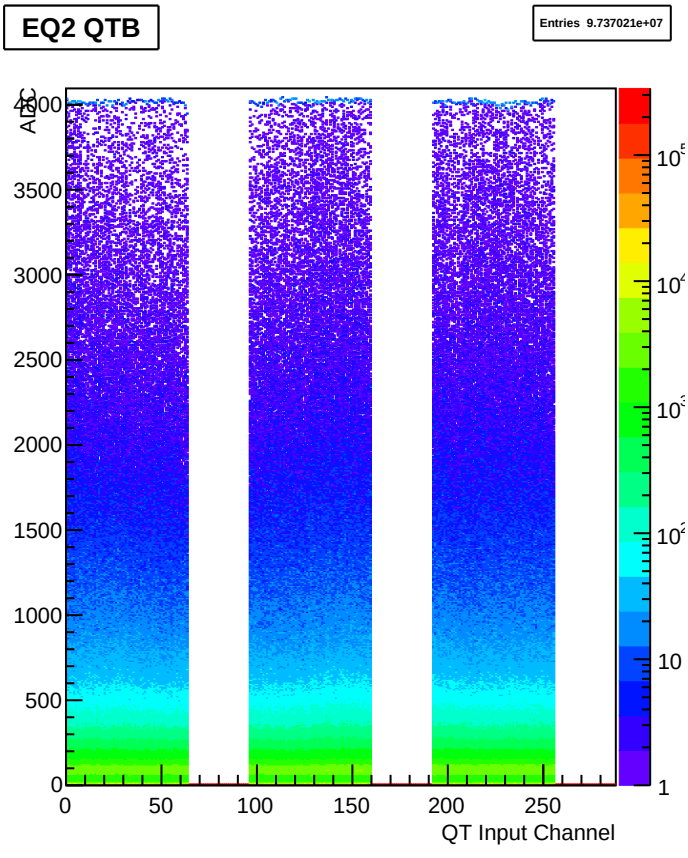

BBQ-VP002 West
Entries 5409456
TADC
QT Input Channel

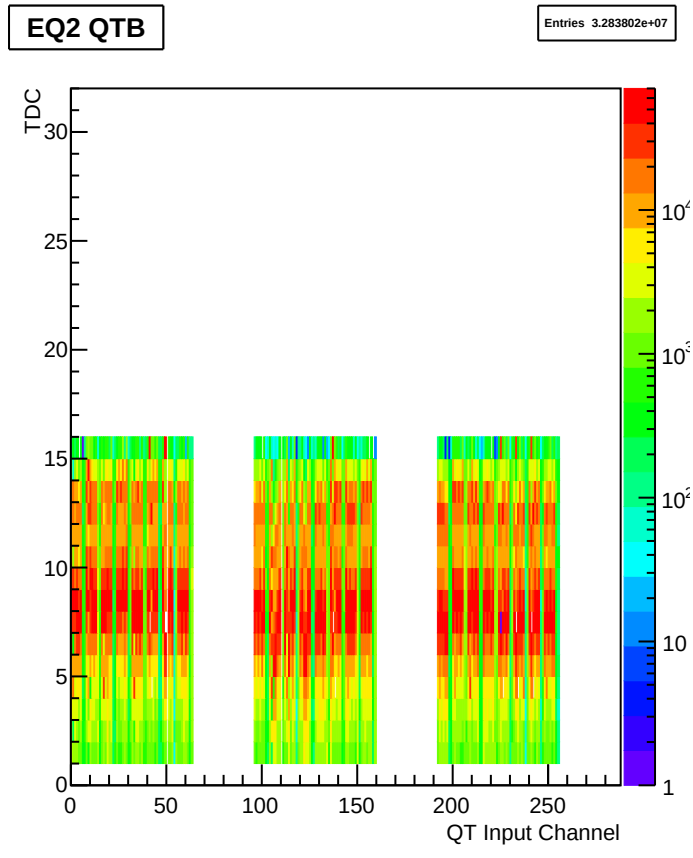

EQ1 QTB
Entries 9.737021e+07
ADC
QT Input Channel

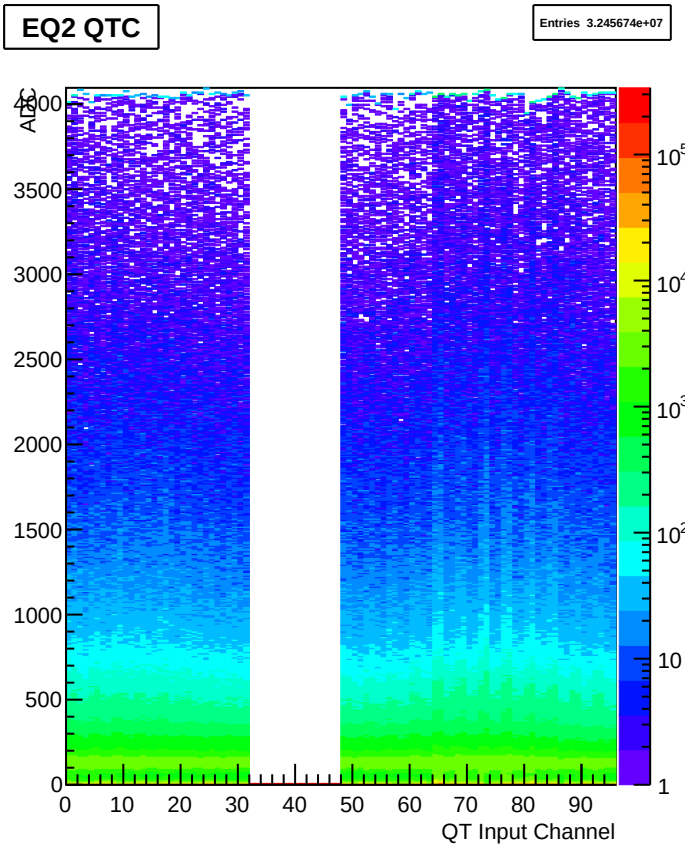

EQ1 QTB
Entries 3.286e+07
TDC
QT Input Channel

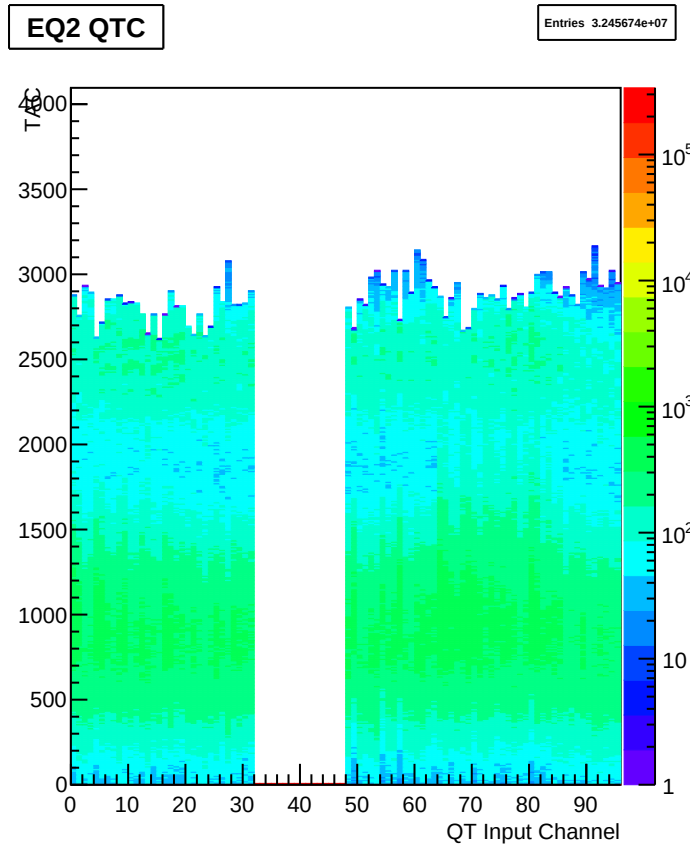

EQ1 QTC
Entries 3.245674e+07
ADC
QT Input Channel

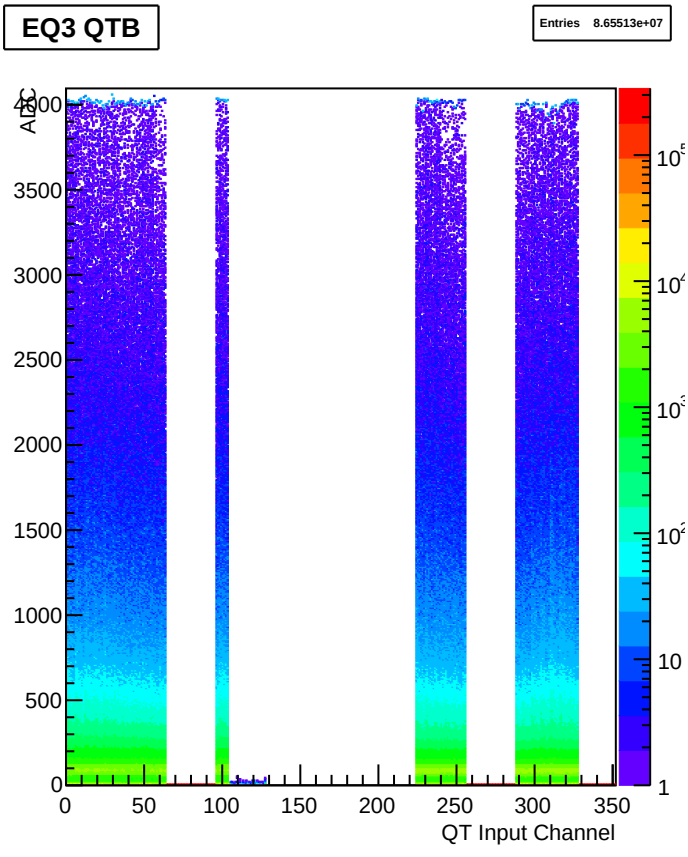

EQ1 QTC
Entries 3.245674e+07
TADC
QT Input Channel

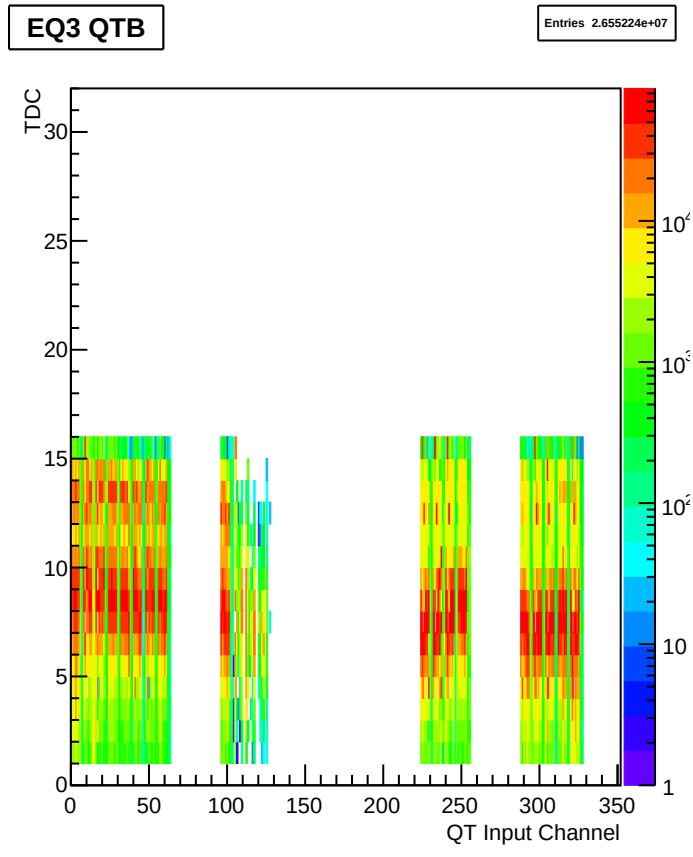

EQ2 QTB
Entries 9.737021e+07
ADC
QT Input Channel

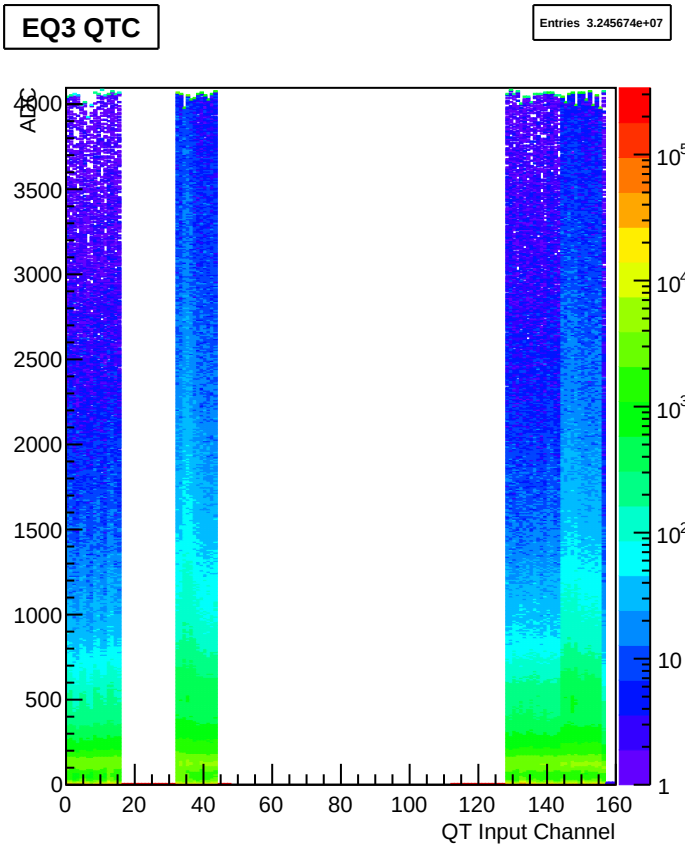

EQ2 QTB
Entries 3.283802e+07
TDC
QT Input Channel

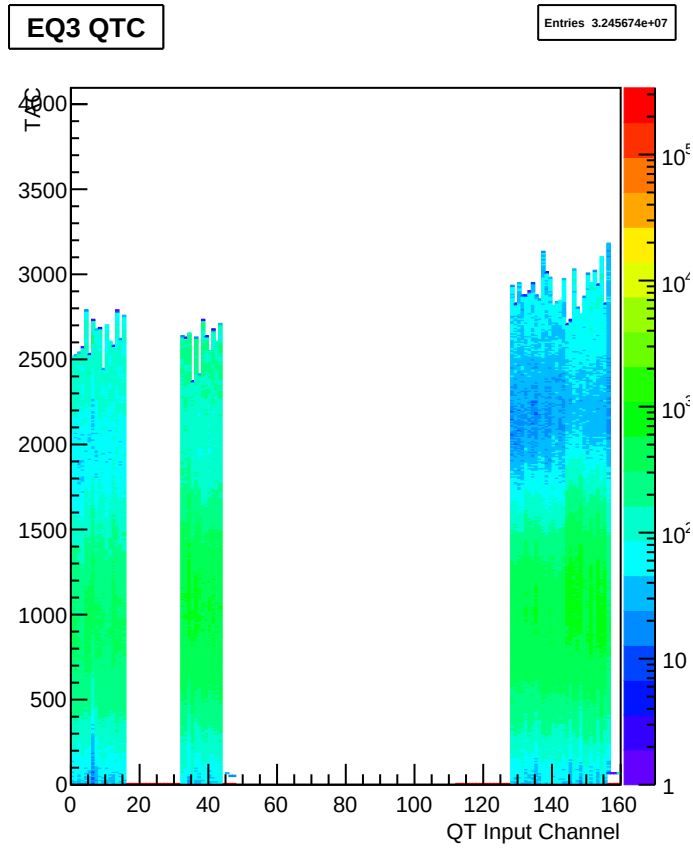

EQ2 QTC
Entries 3.245674e+07
ADC
QT Input Channel

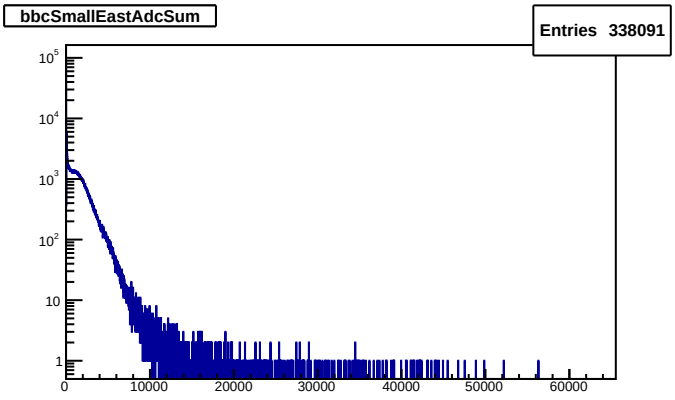

EQ2 QTC
Entries 3.245674e+07
TADC
QT Input Channel

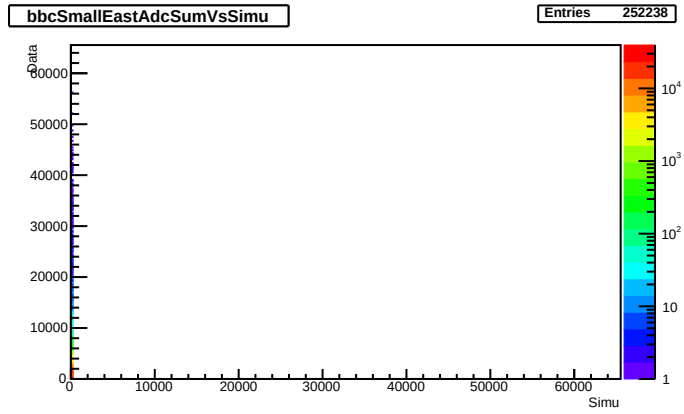

EQ3 QTB
Entries 8.65513e+07
ADC
QT Input Channel

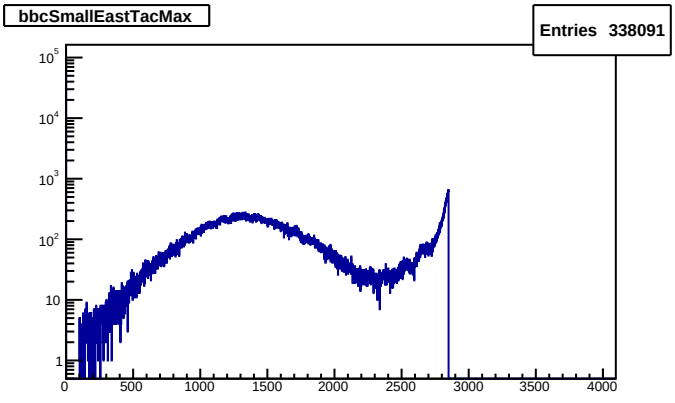

EQ3 QTB
Entries 2.655224e+07
TDC
QT Input Channel

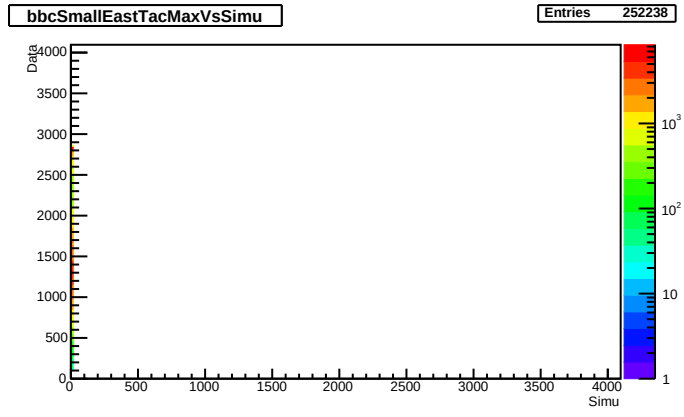

EQ3 QTC
Entries 3.245674e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.245674e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 338091


bbcSmallEastAdcSumVsSimu
Entries 252238
Data
Simu


bbcSmallEastTacMax
Entries 338091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Entries 252238
Data
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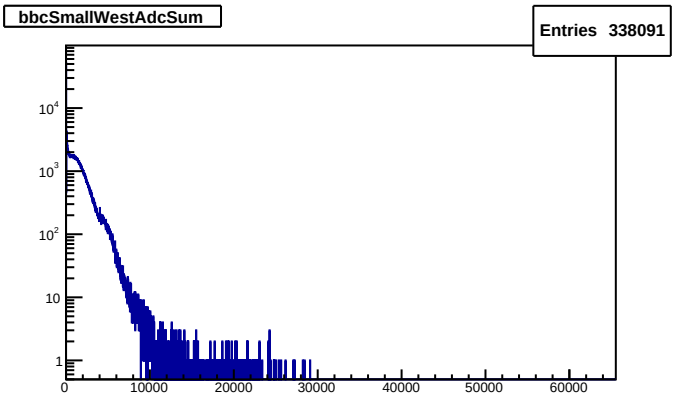
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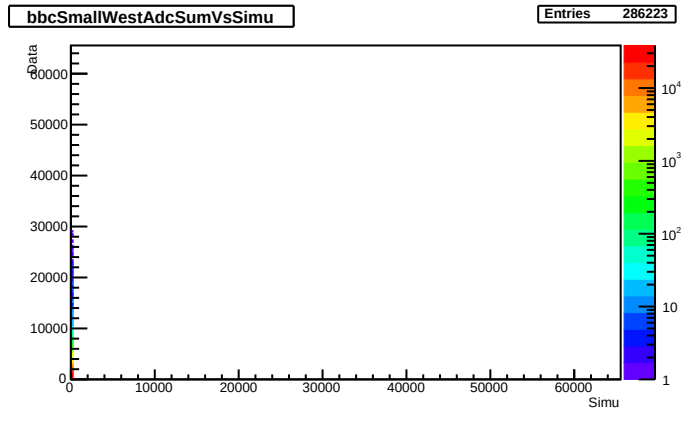
Entries 338091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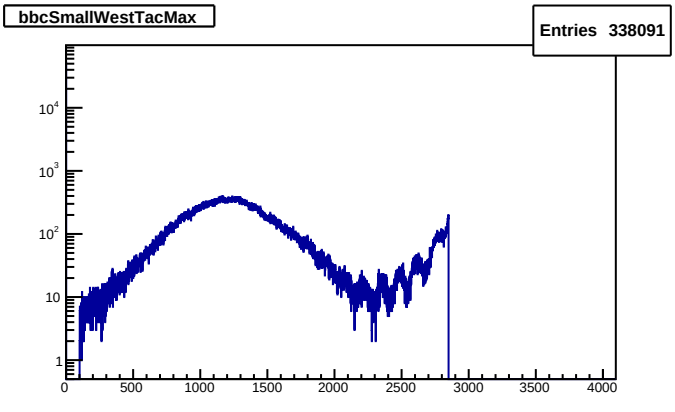
Entries 286223
Data
Simu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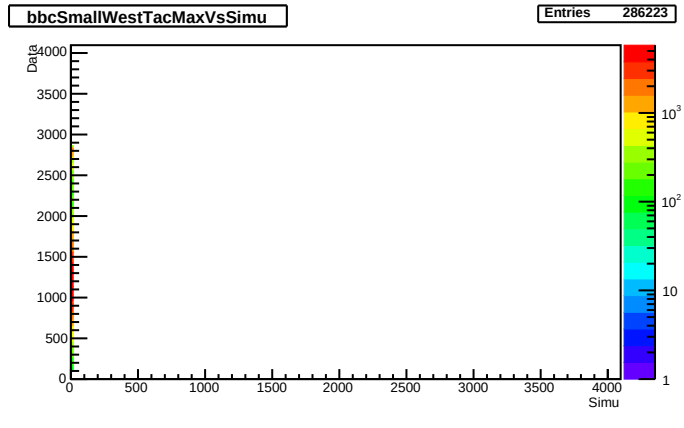
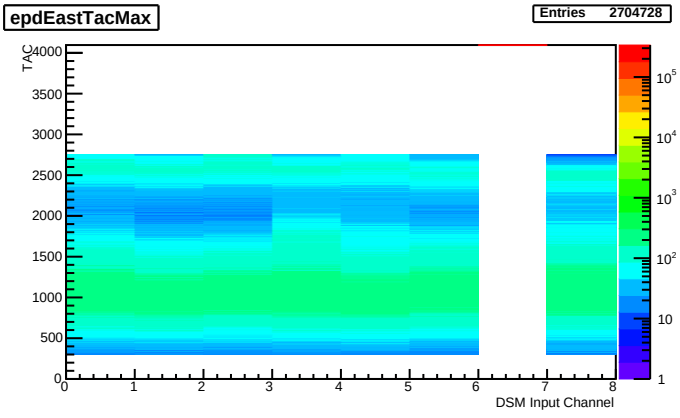
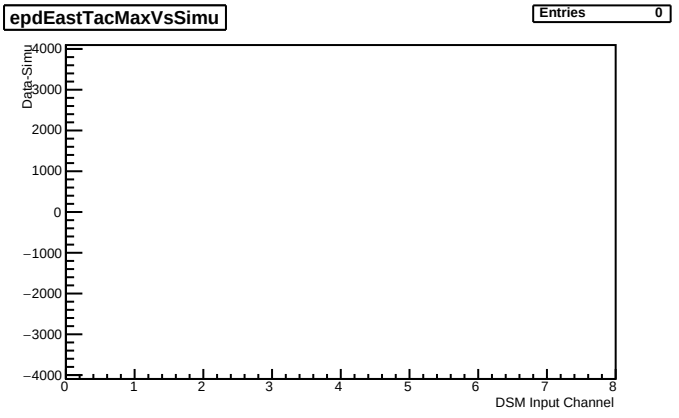
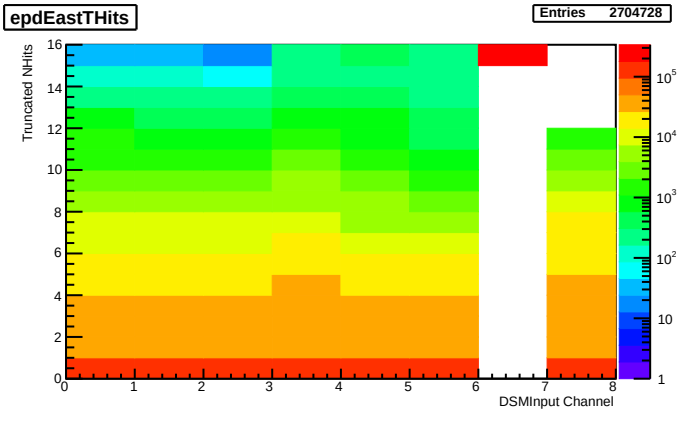
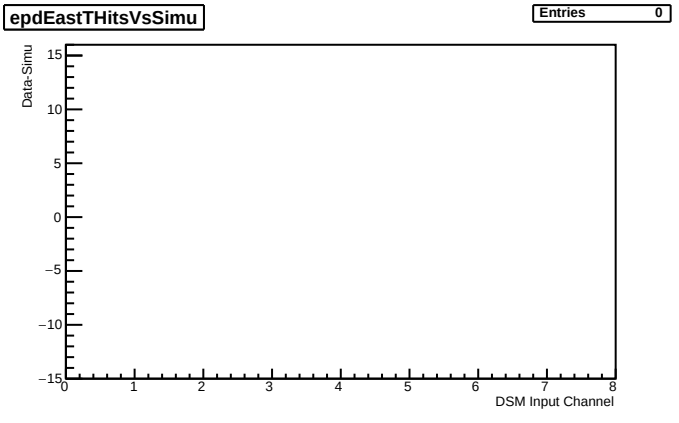
Entries 338091


bbcSmallWestTacMaxVsSimu
Entries 286223
Data
Simu


epdEastTacMax
Entries 2704728
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2704728
Truncated NHits
DSMInput Channel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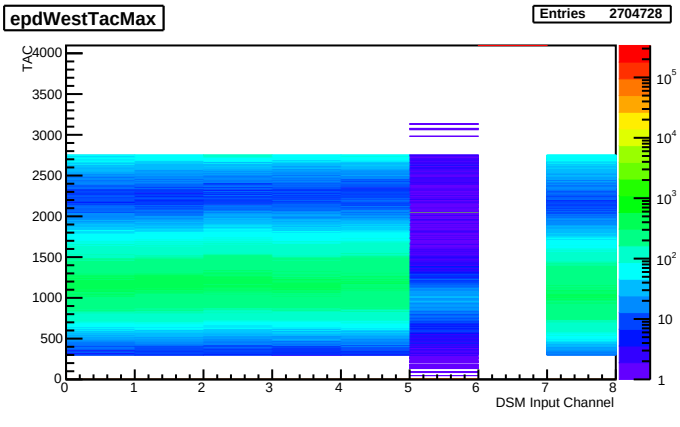
Data-Simu
DSM Input Channel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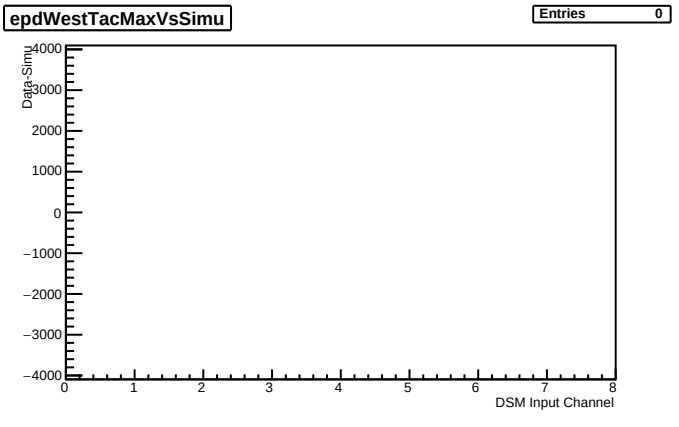
Entries 2704728
TAC
DSM Input Channel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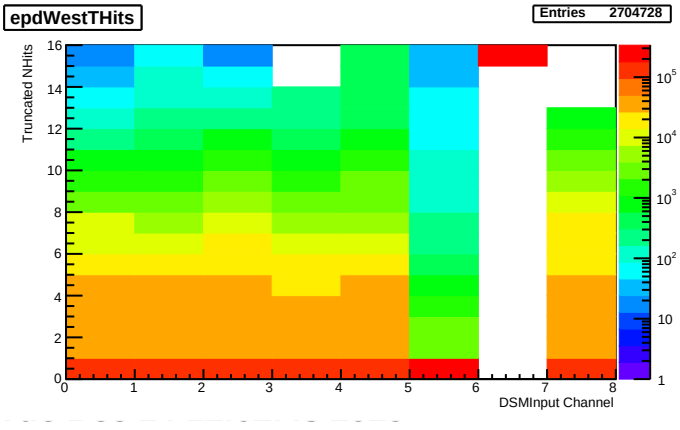
Data-Simu
DSM Input Channel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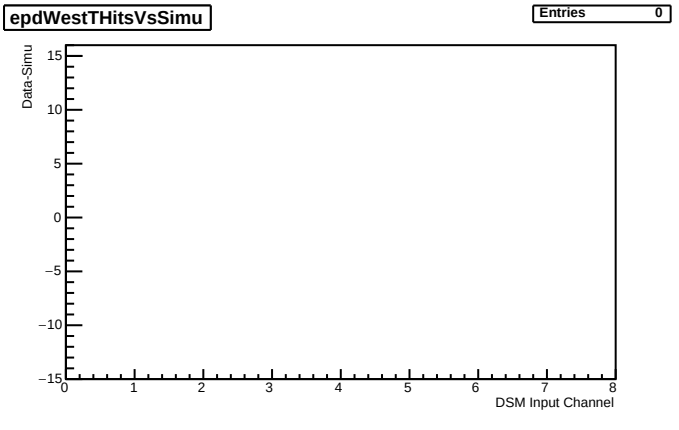
Entries 2704728
Truncated NHits
DSMInput Channel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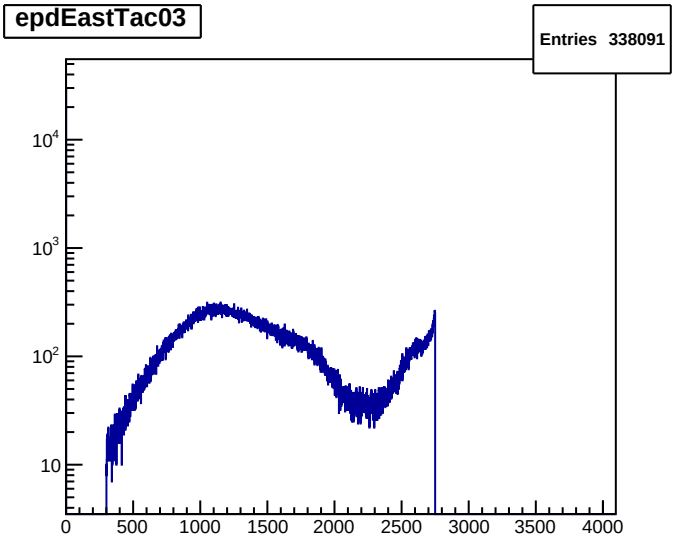
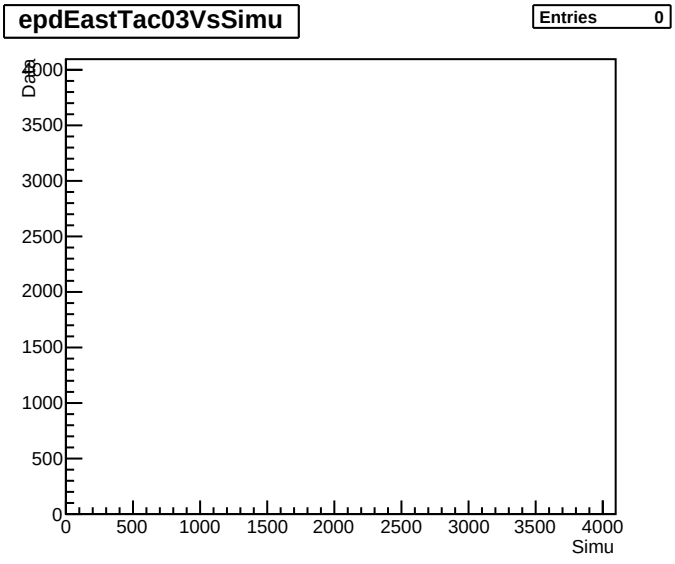
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 338091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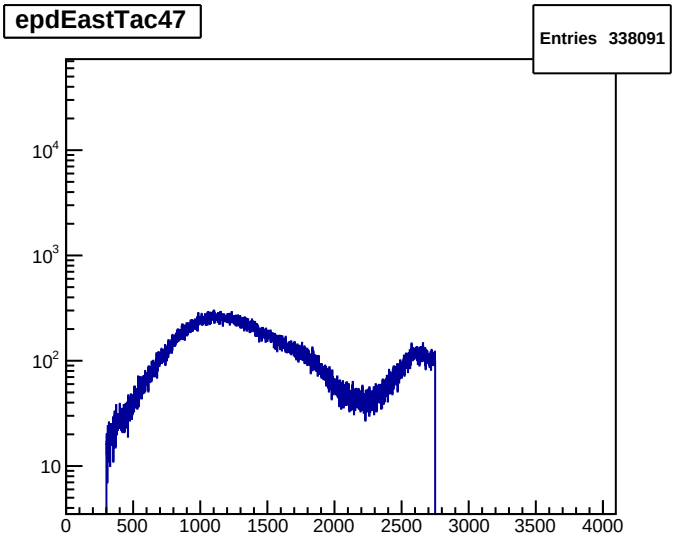
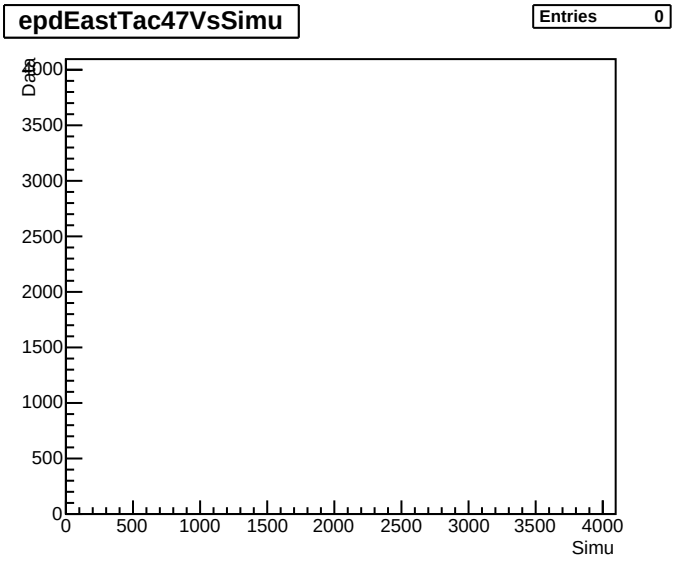
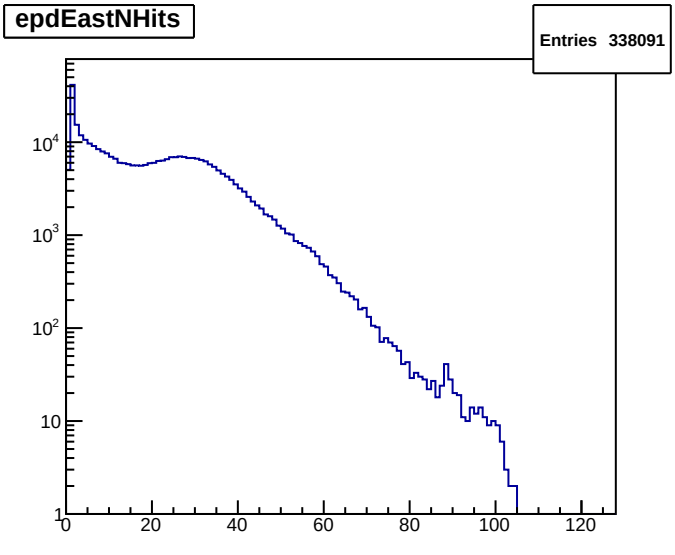
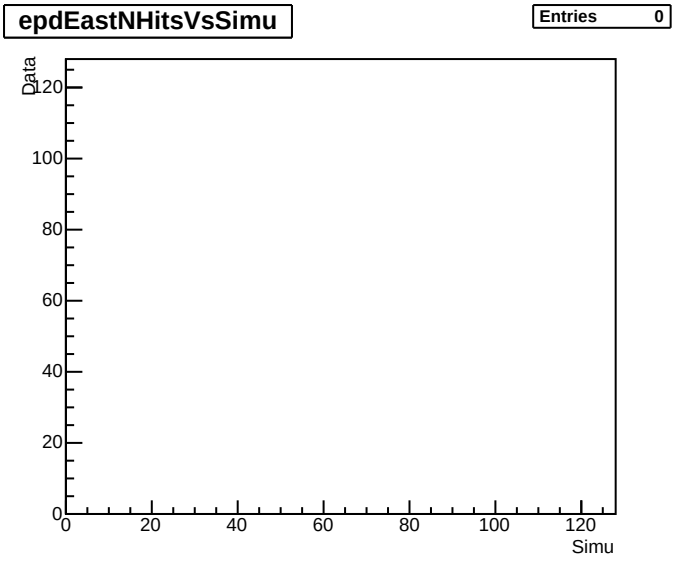
Entries 0
Data
Simu


epdEastTac47
Entries 338091


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 338091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Entries 0
Data
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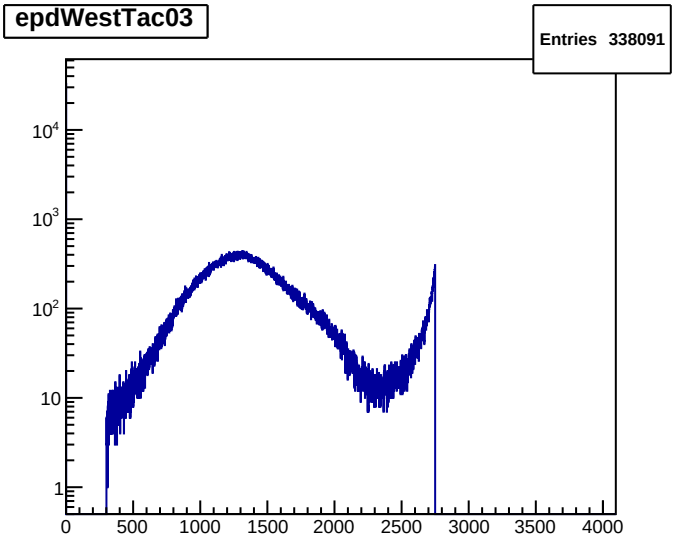
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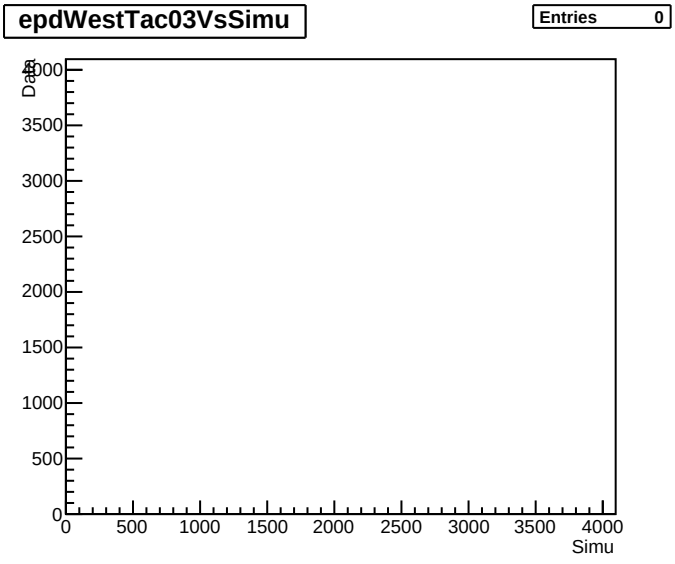
Entries 338091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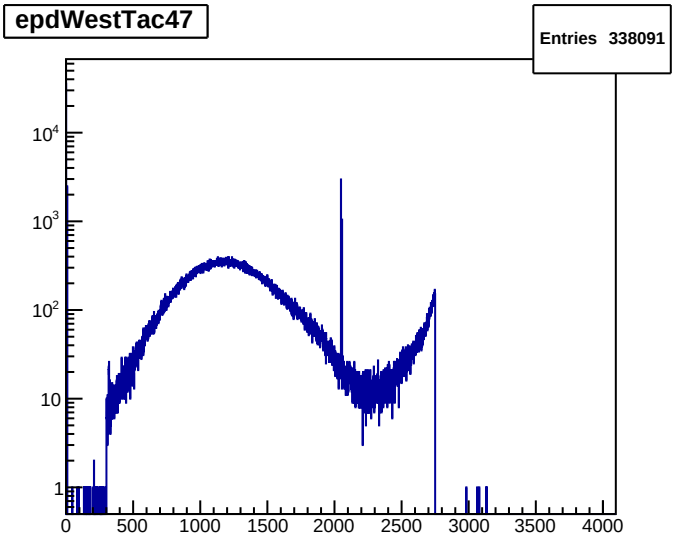
Entries 0
Data
Simu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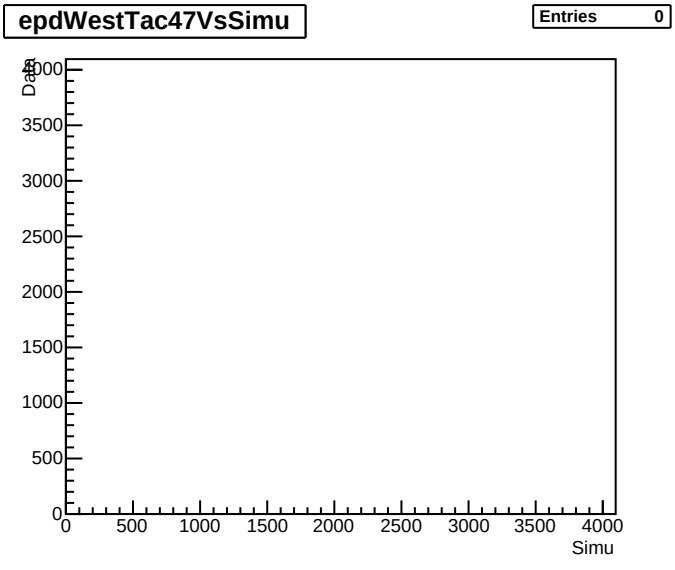
Entries 338091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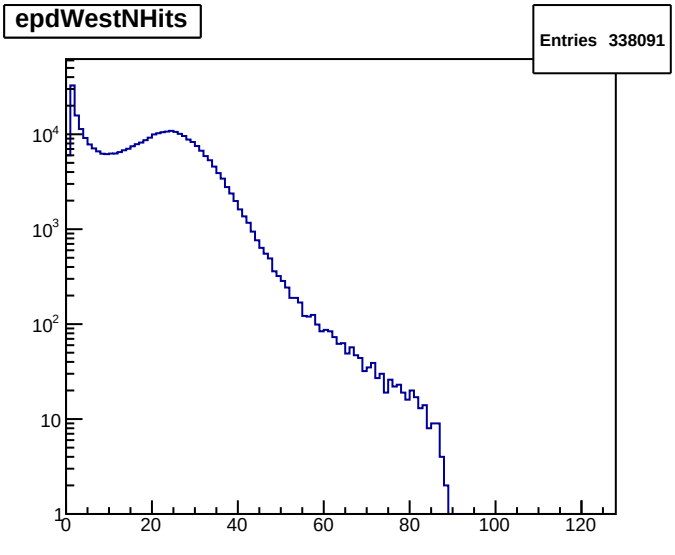
Entries 0
Data
Simu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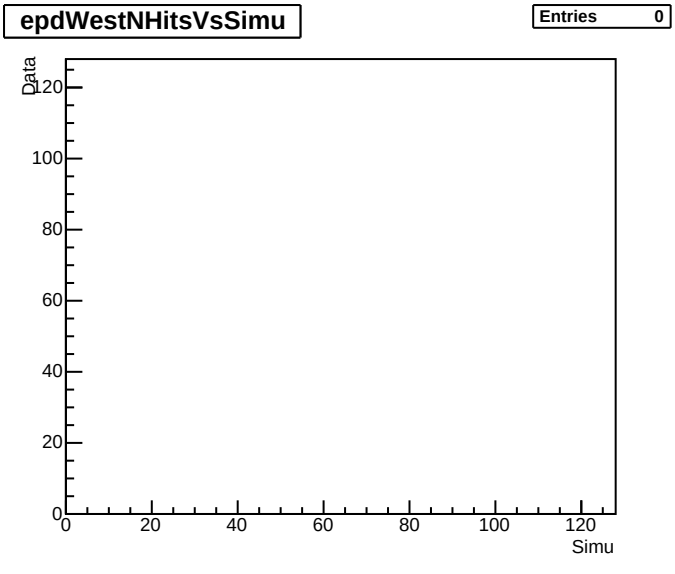
Entries 338091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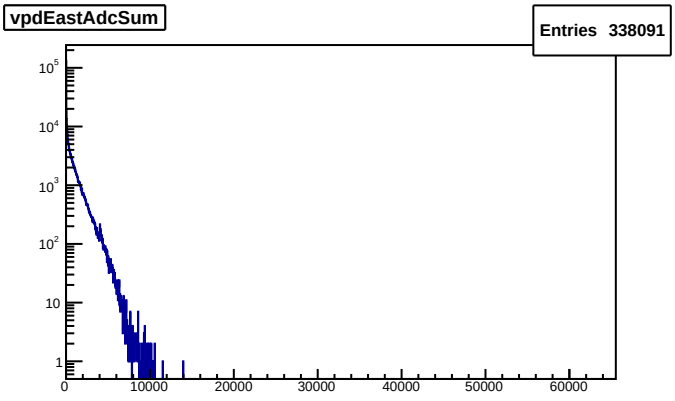
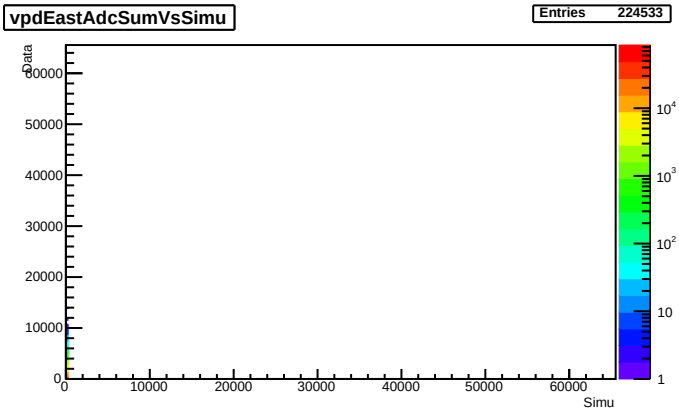
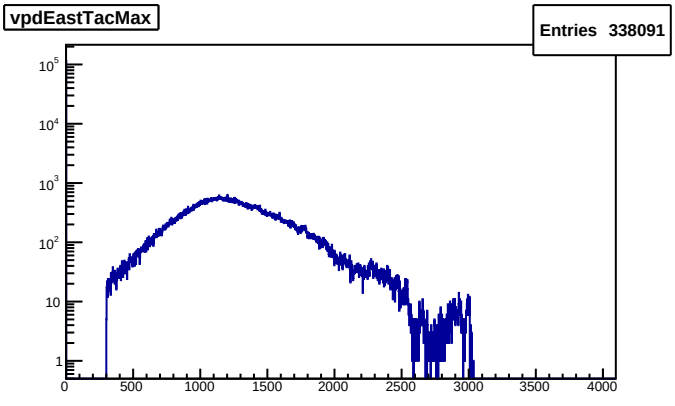
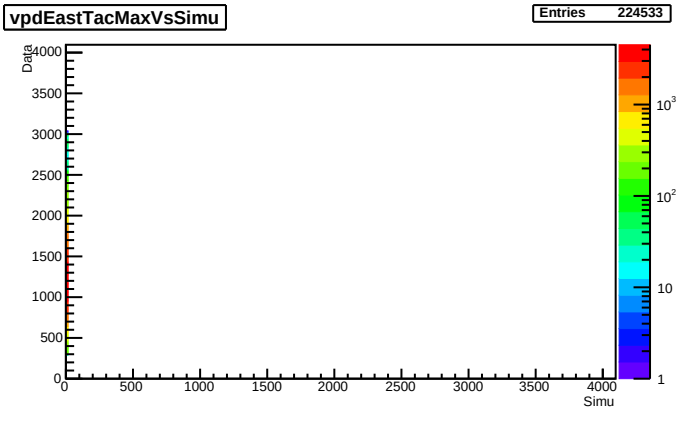
Entries 0
Data
Simu


vpdEastAdcSum
Entries 338091


vpdEastAdcSumVsSimu
Entries 224533
Data
Simu


vpdEastTacMax
Entries 338091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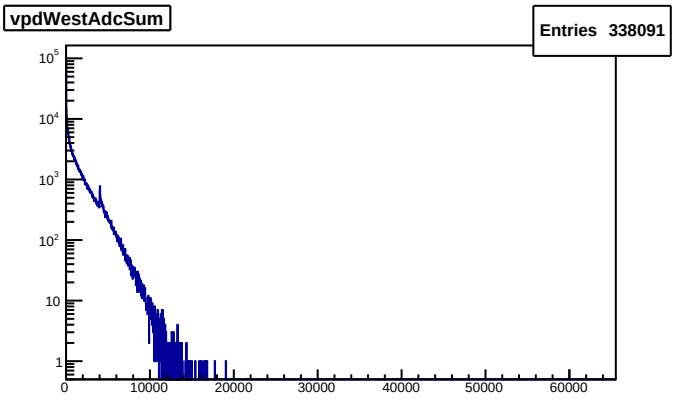
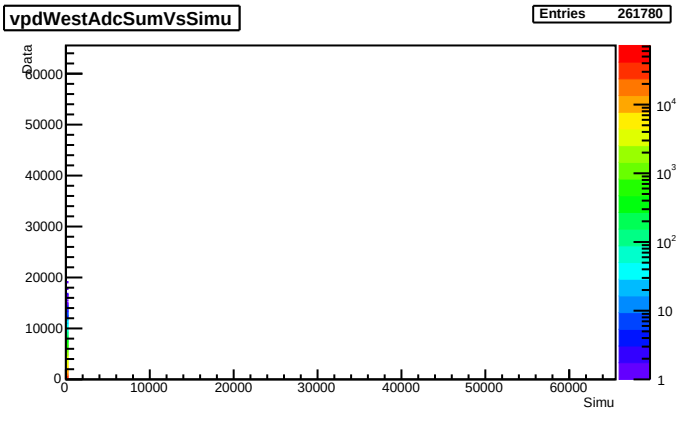
Entries 224533
Data
Simu


vpdWestAdcSum
Entries 338091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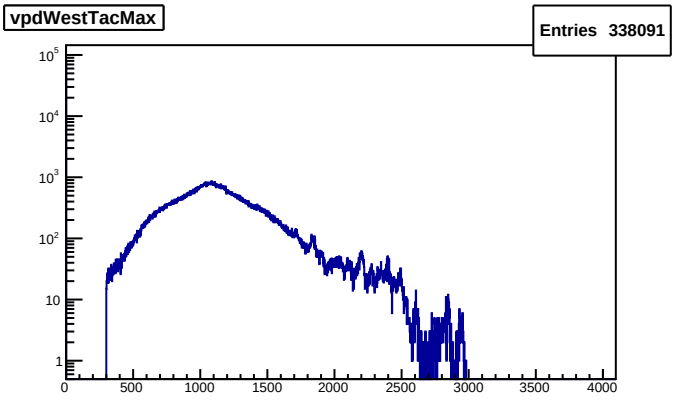
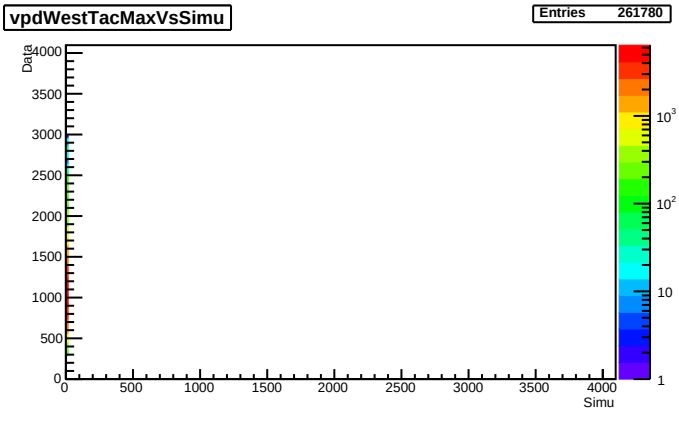
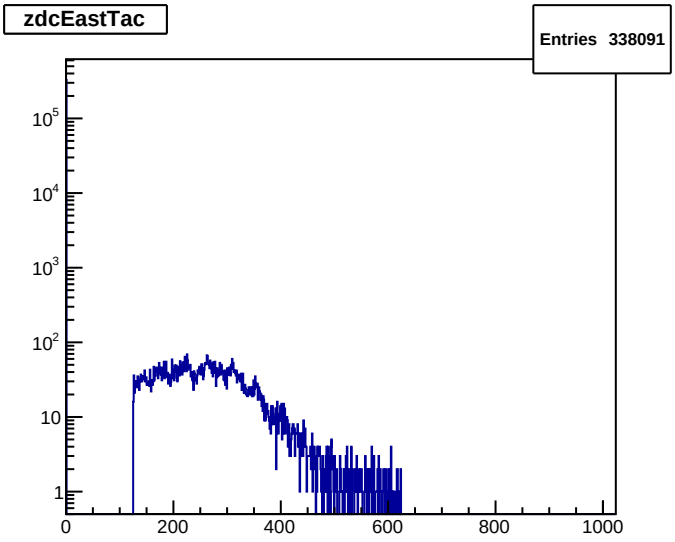
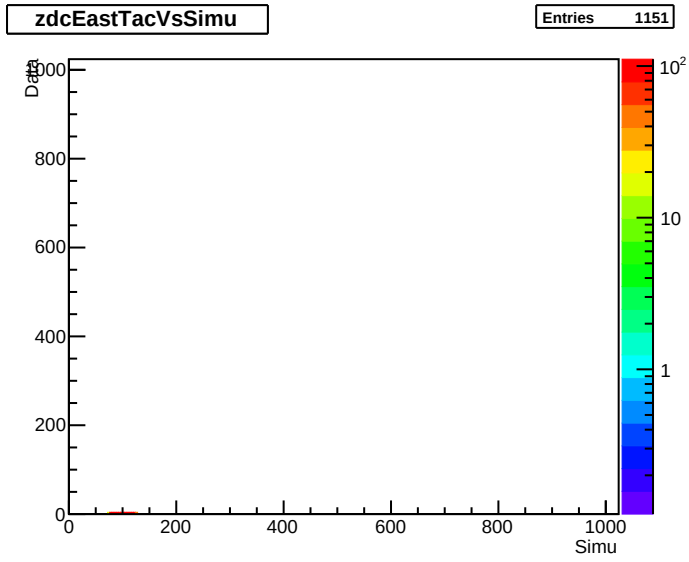
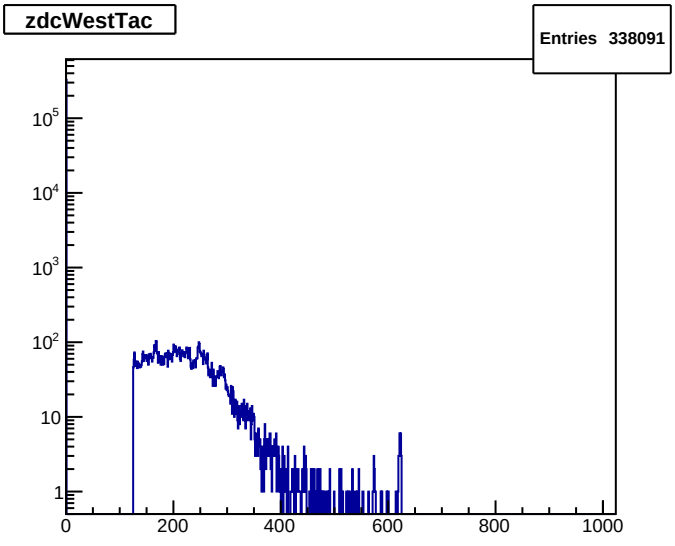
Entries 261780
Data
Simu

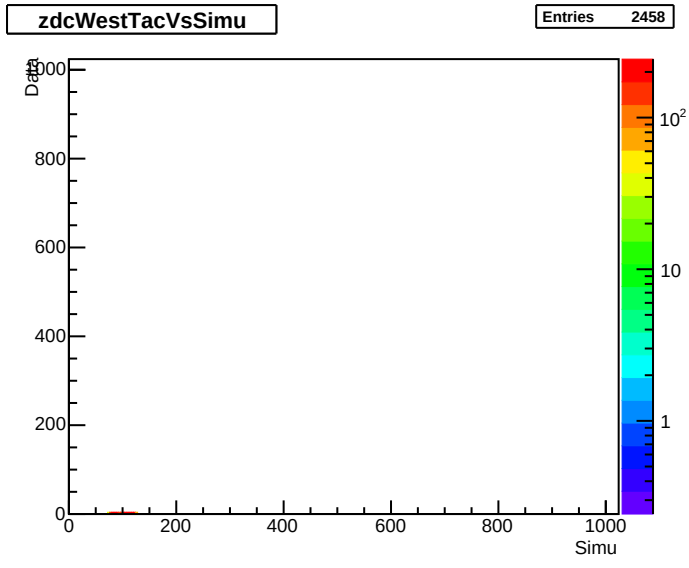

vpdWestTacMax
Entries 338091

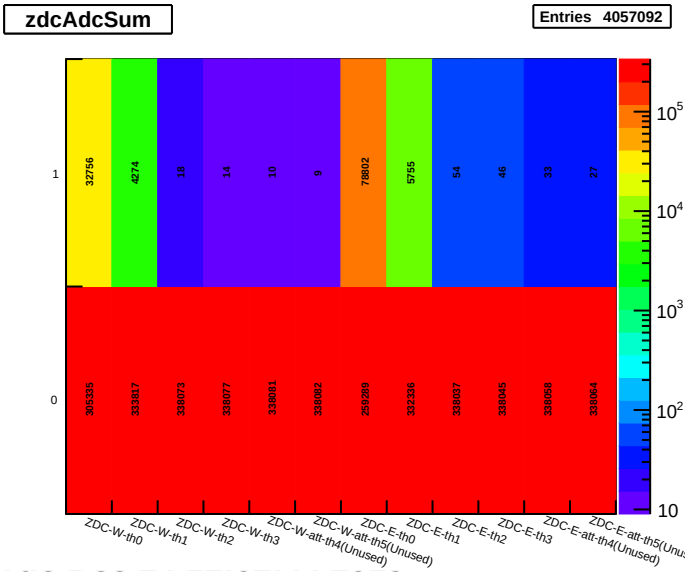

vpdWestTacMaxVsSimu
Entries 261780
Data
Simu

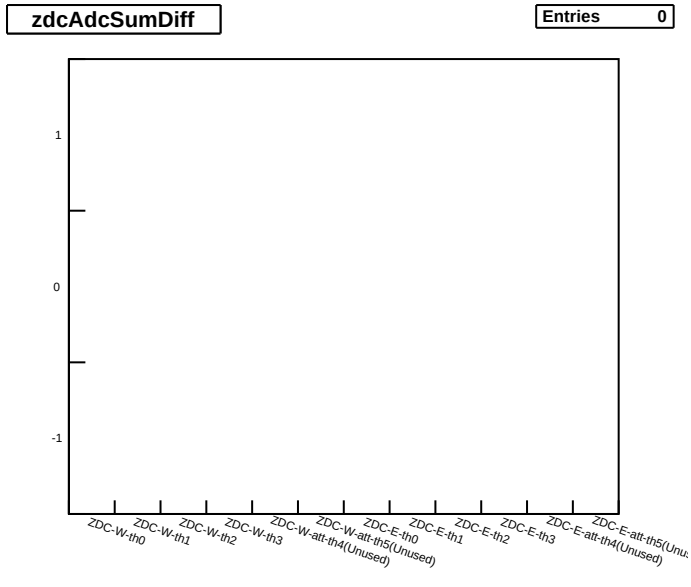

zdcEastTac
Entries 338091

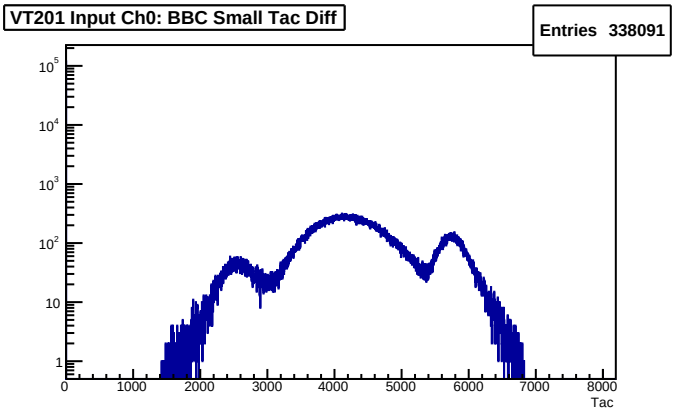

zdcEastTacVsSimu
Entries 1151
Data
Simu

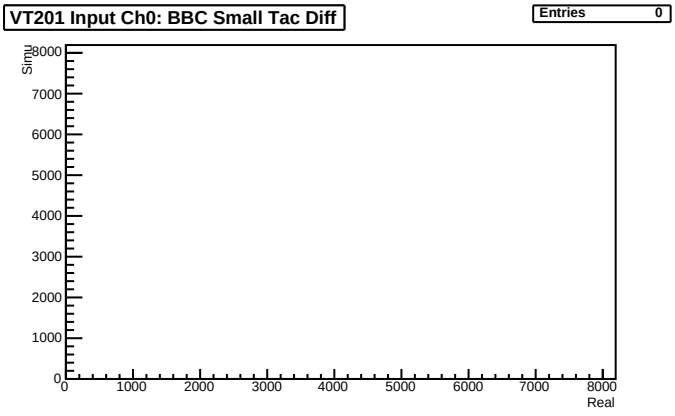

zdcWestTac
Entries 338091

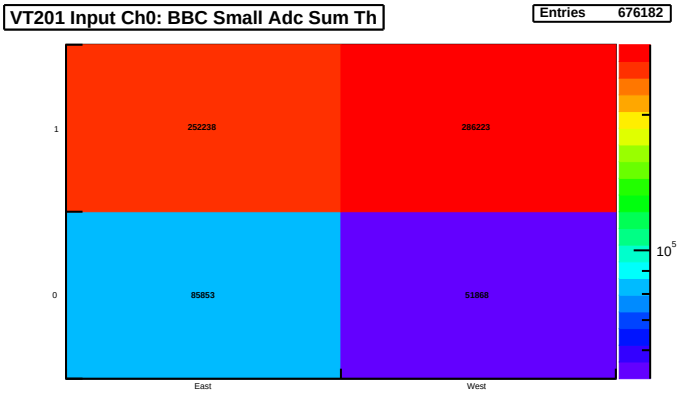

zdcWestTacVsSimu
Entries 2458
Data
Simu

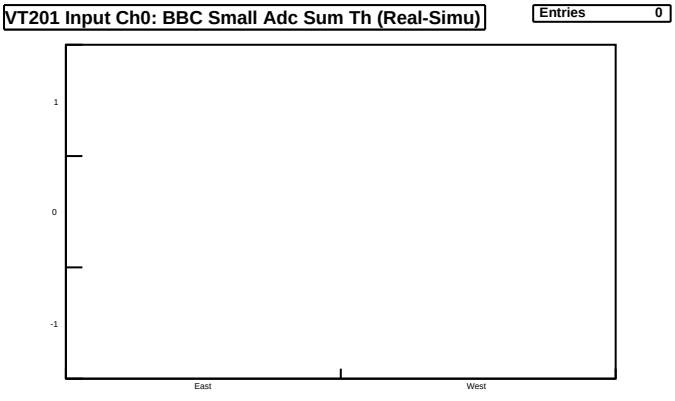

zdcAdcSum
Entries 4057092
32756
4274
18
14
10
9
78802
5755
54
46
33
27
305335
333817
338073
338077
338081
338082
259289
332336
338037
338045
338058
338064
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

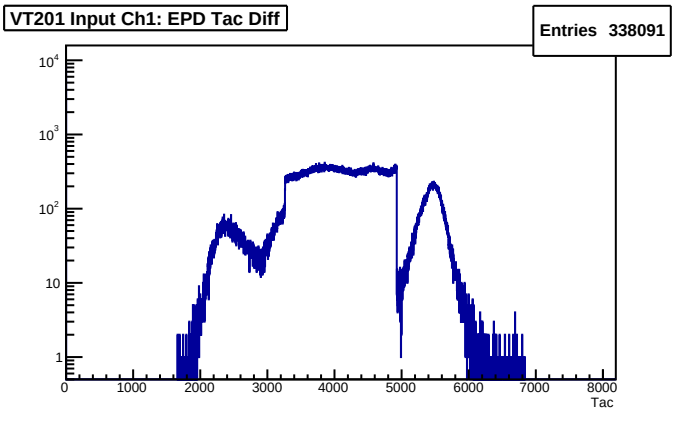

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

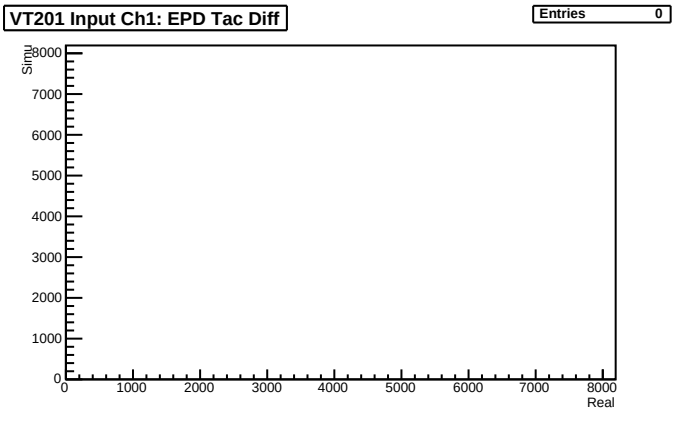

VT201 Input Ch0: BBC Small Tac Diff
Entries 338091
Tac

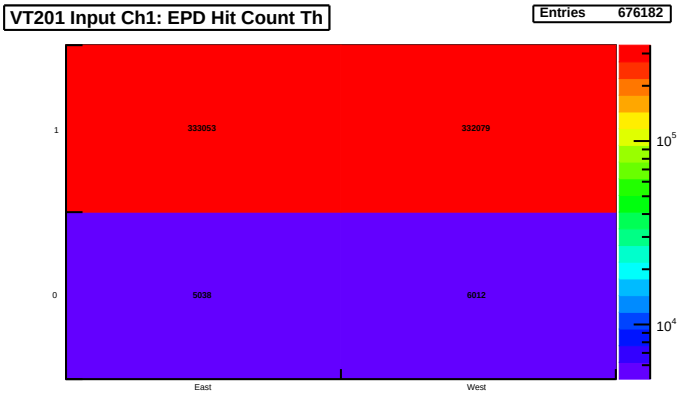

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

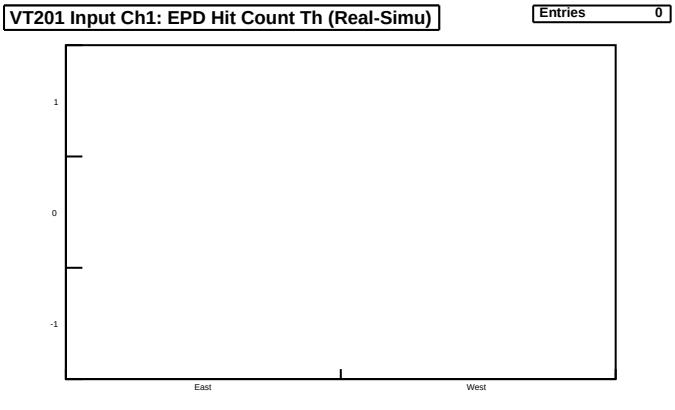

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 676182
252238
286223
85853
51868
East
West

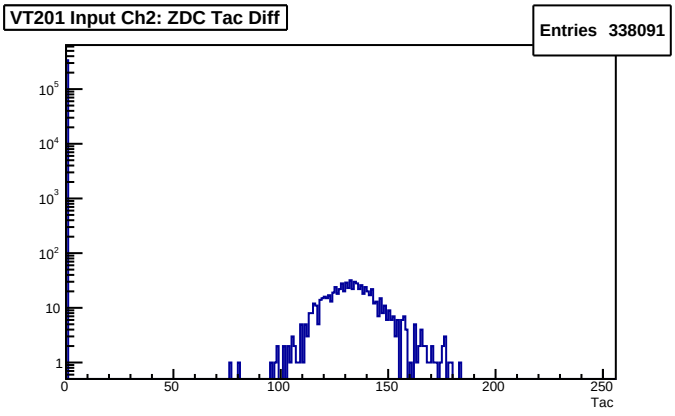

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

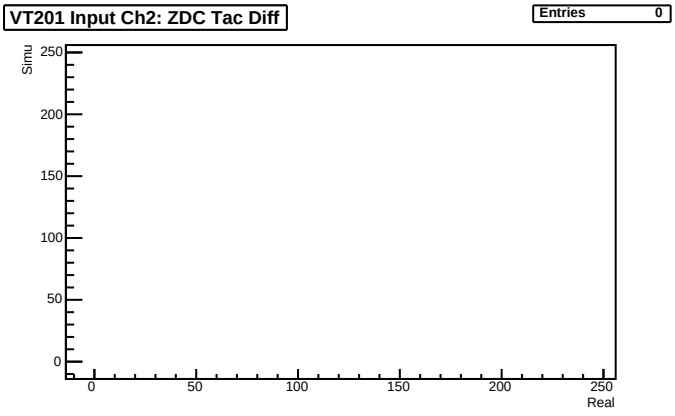

VT201 Input Ch1: EPD Tac Diff
Entries 338091
Tac

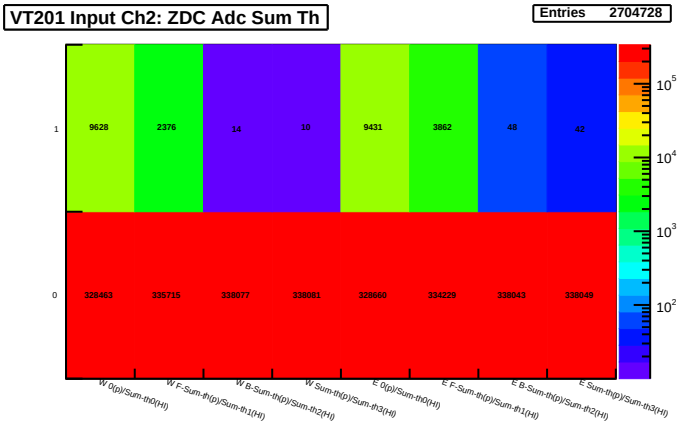

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

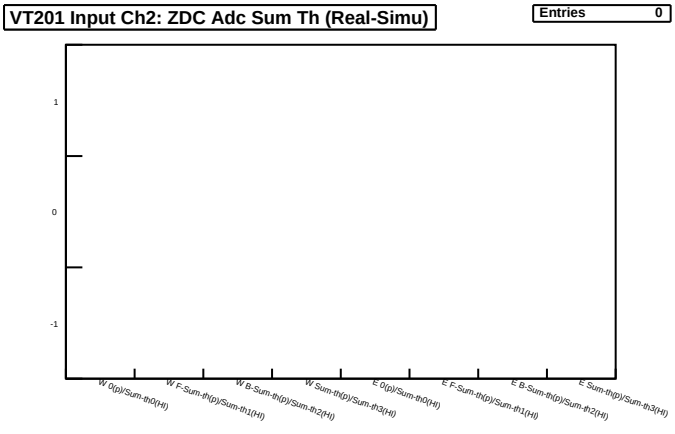

VT201 Input Ch1: EPD Hit Count Th
Entries 676182
333053
332079
5038
6012
East
West

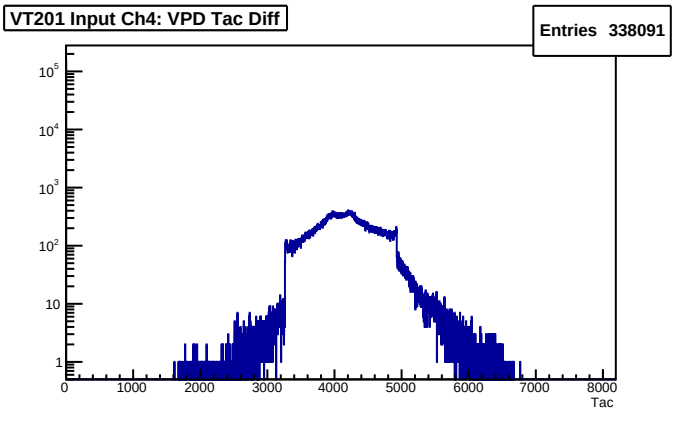

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

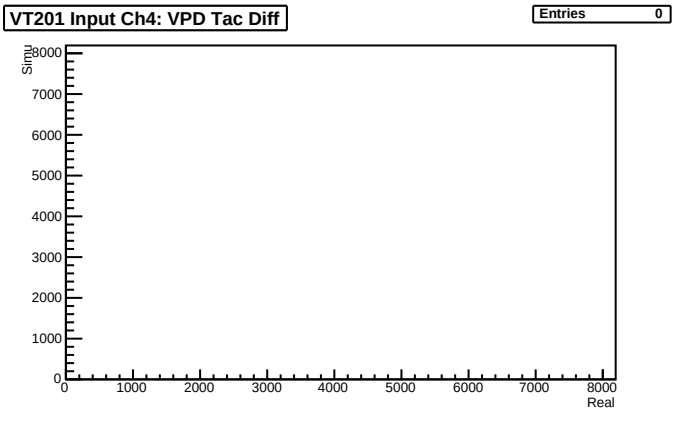

VT201 Input Ch2: ZDC Tac Diff
Entries 338091
Tac

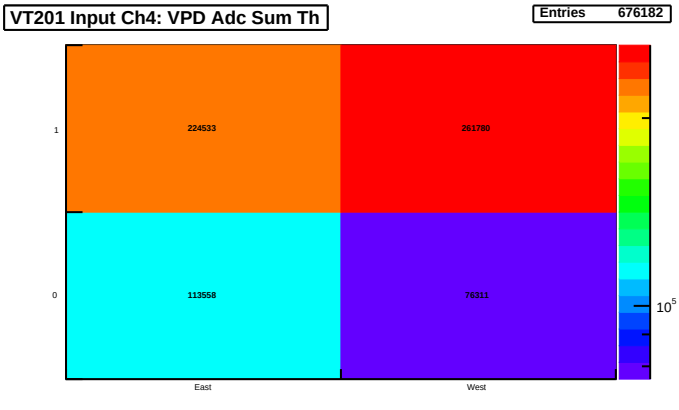

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

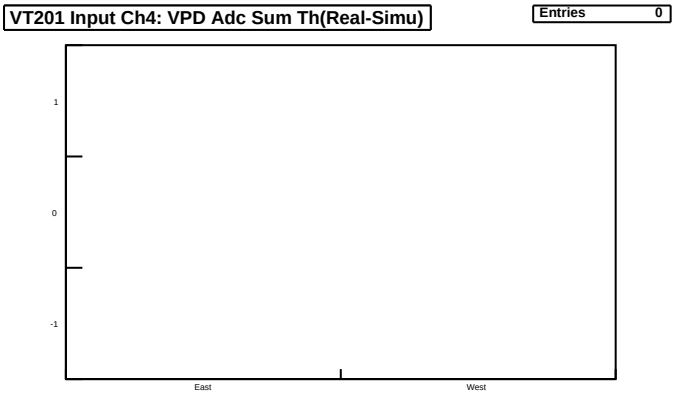

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2704728
9628
2376
14
10
9431
3862
48
42
328463
335715
338077
338081
328660
334229
338043
338049
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

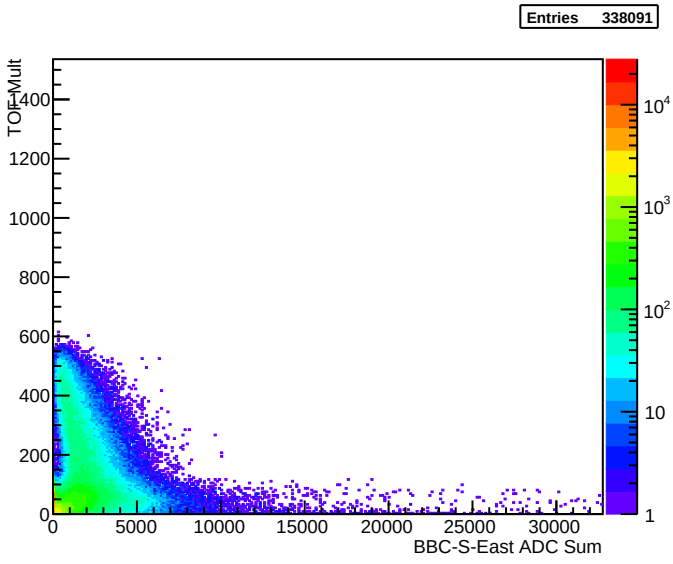

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

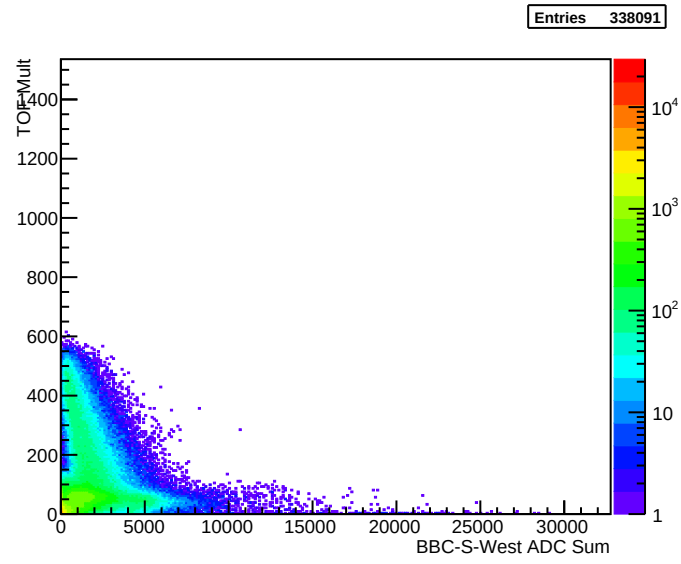

VT201 Input Ch4: VPD Tac Diff
Entries 338091
Tac

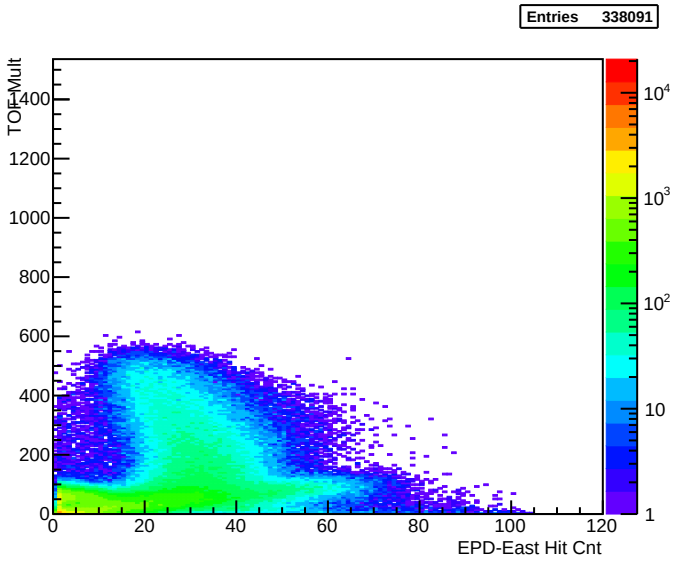

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

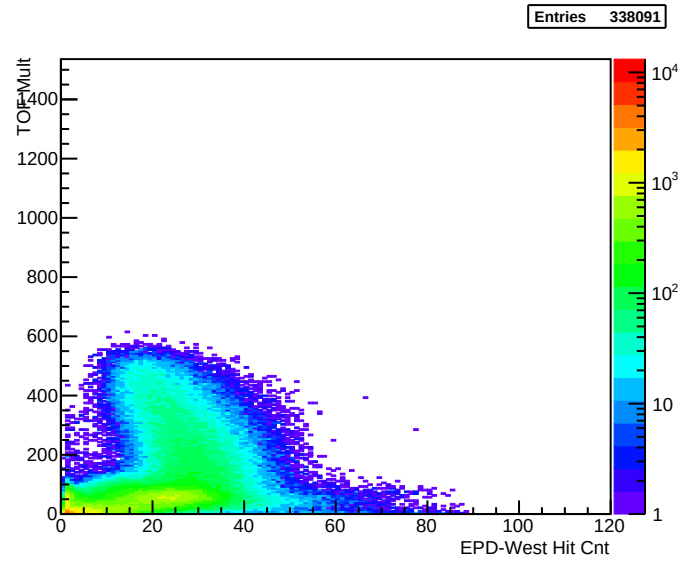

VT201 Input Ch4: VPD Adc Sum Th
Entries 676182
224533
261780
113558
76311
East
West

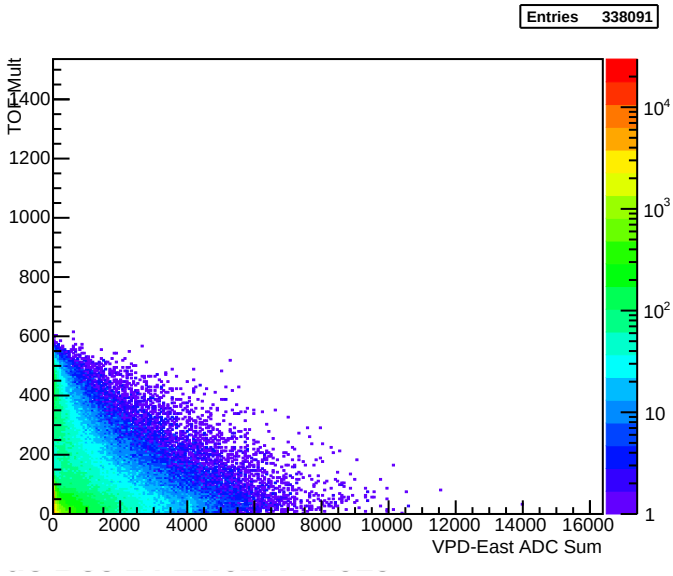

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

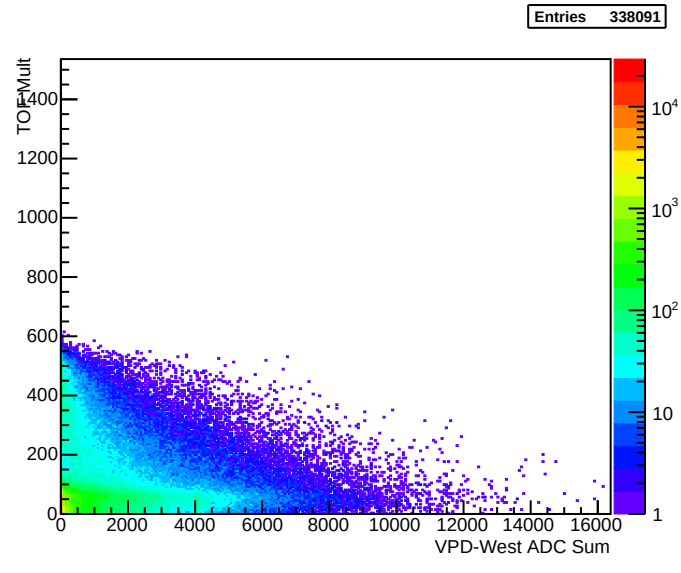

Entries 338091
TOF-Mult
BBC-S-East ADC Sum

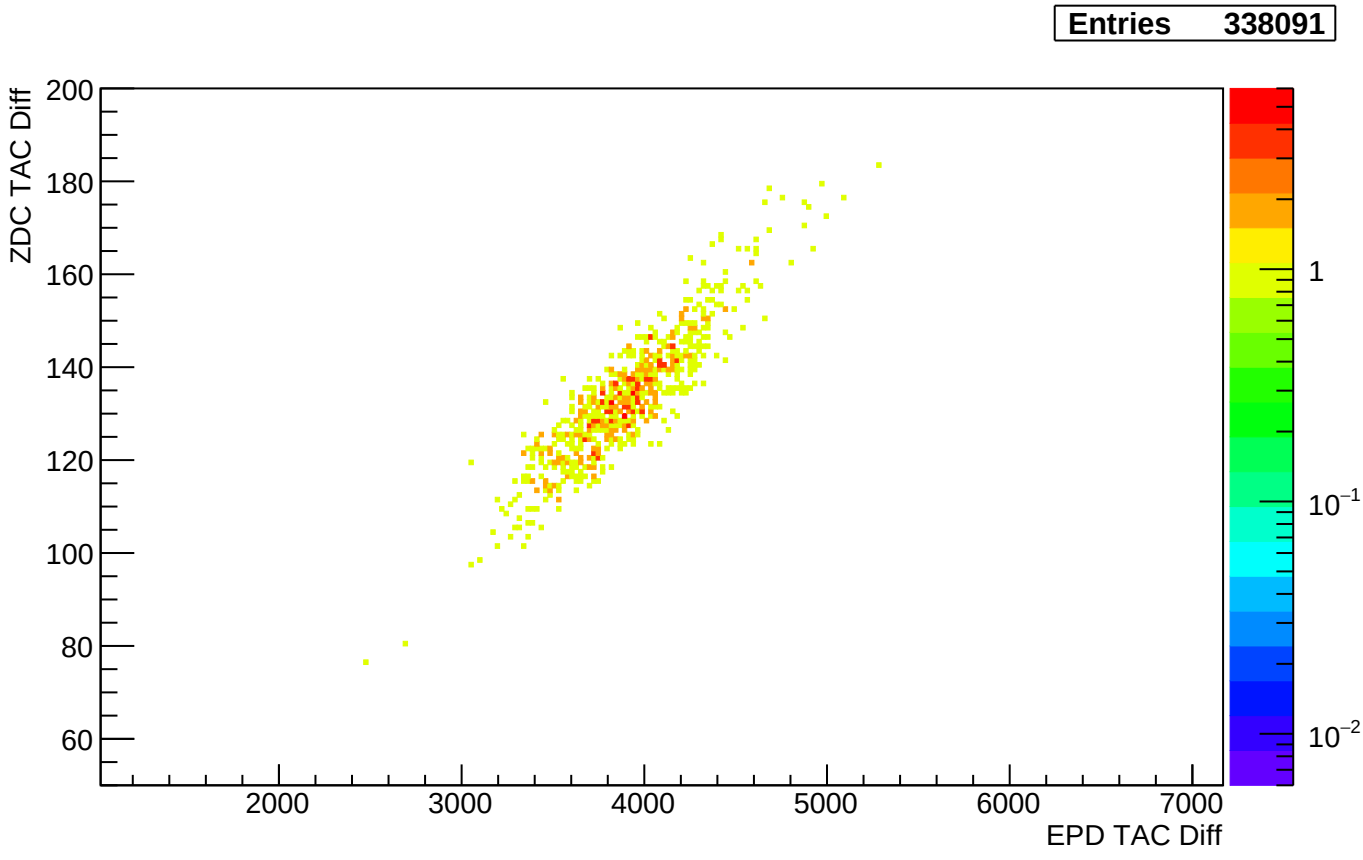

Entries 338091
TOF-Mult
BBC-S-West ADC Sum

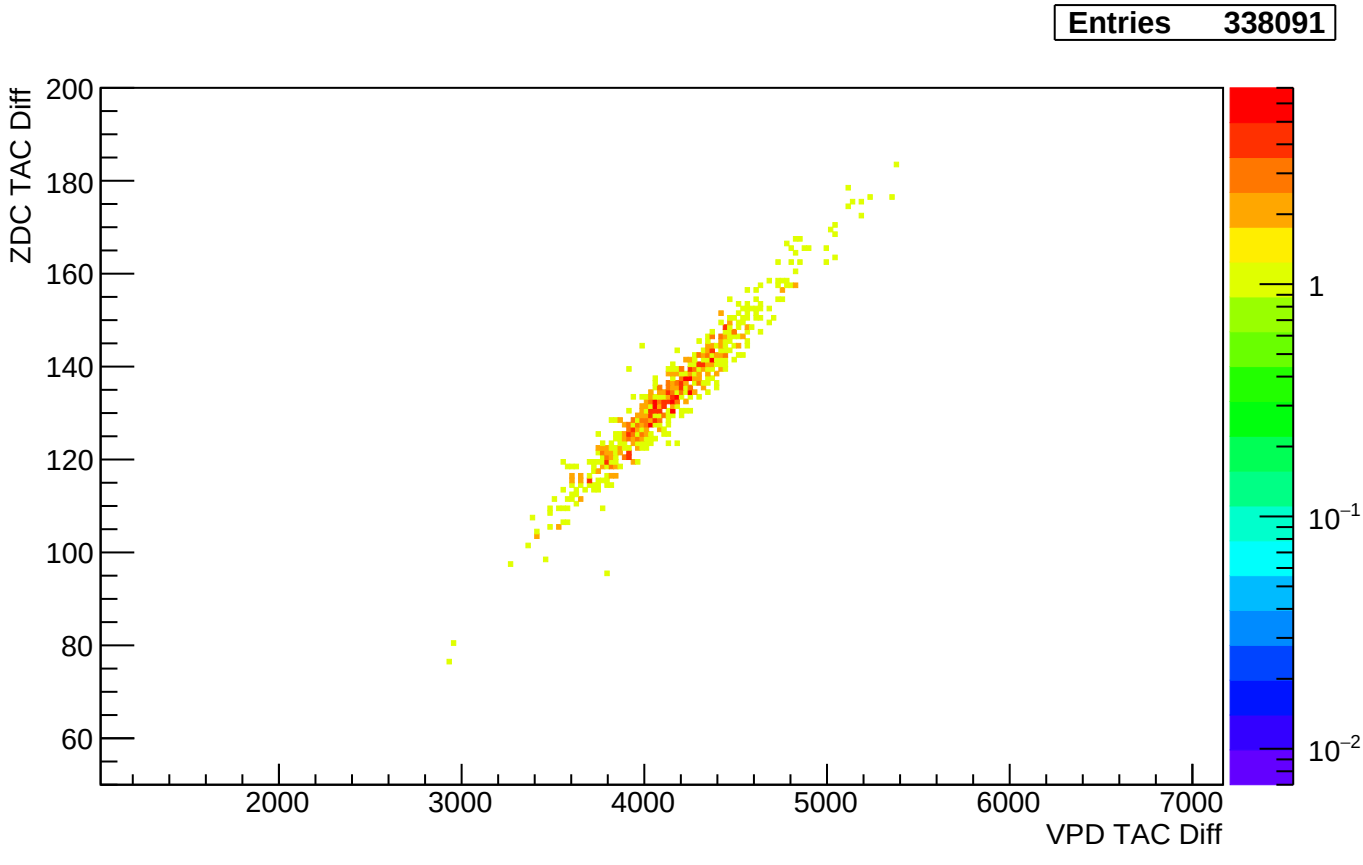

Entries 338091
TOF-Mult
EPD-East Hit Cnt

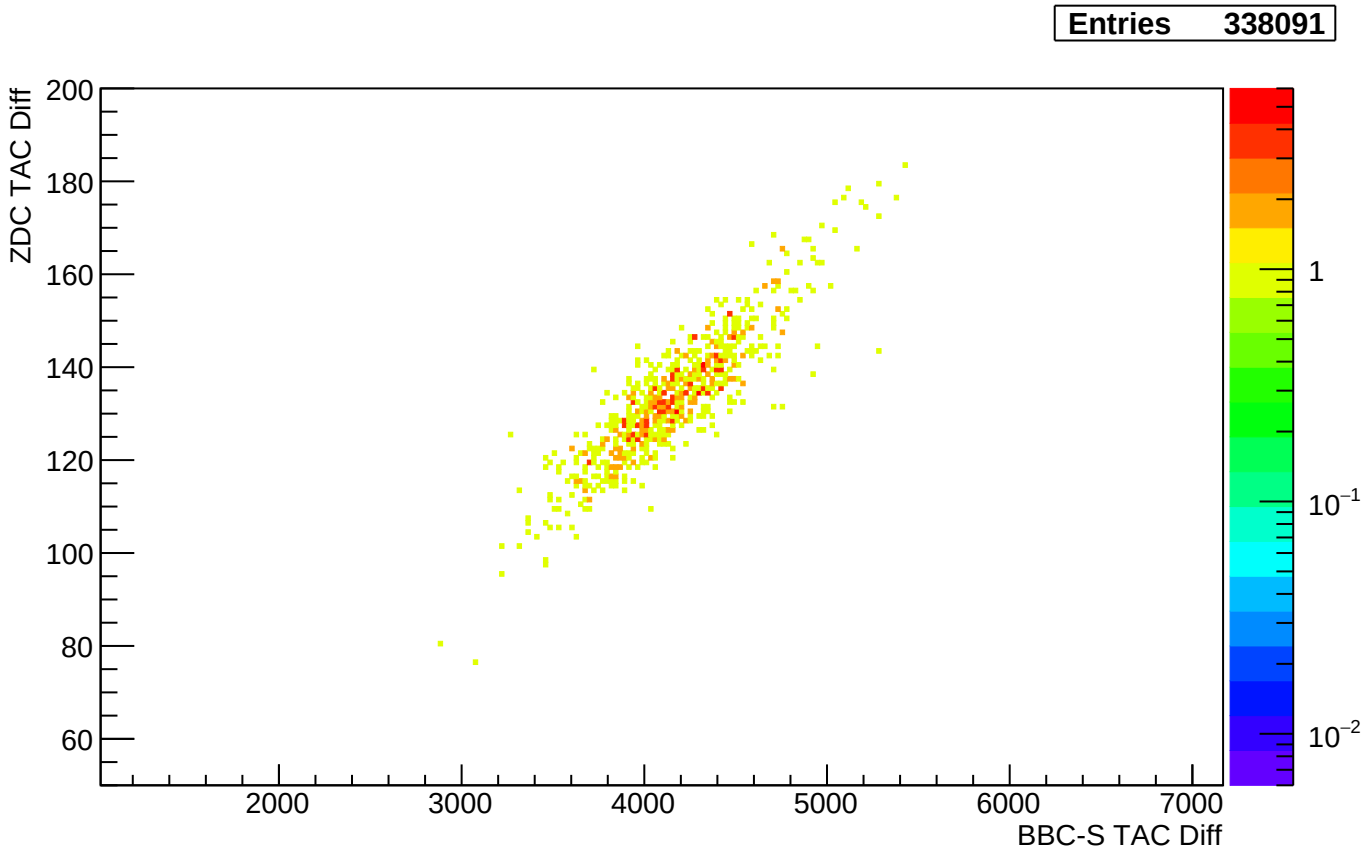

Entries 338091
TOF-Mult
EPD-West Hit Cnt

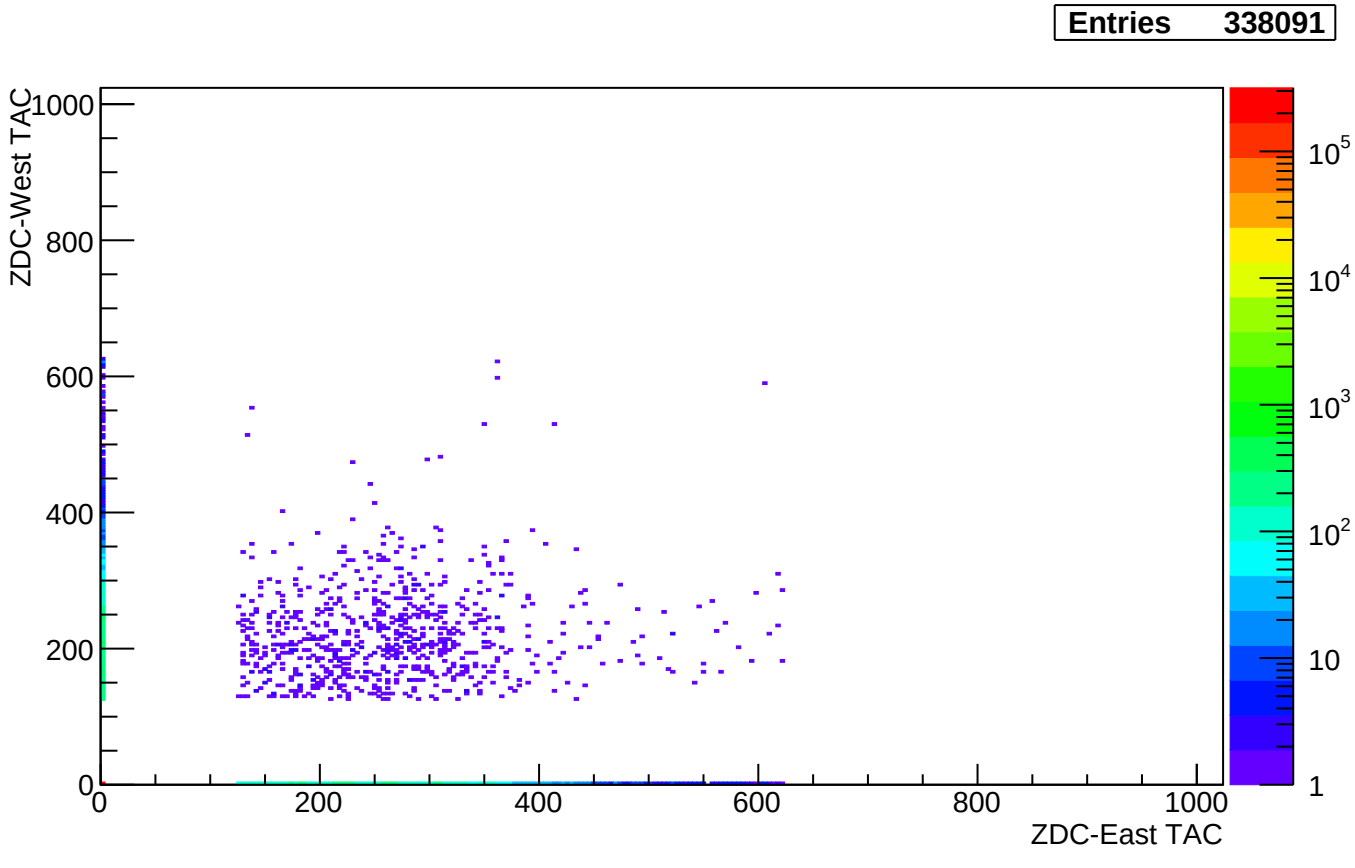

Entries 338091
TOF-Mult
VPD-East ADC Sum

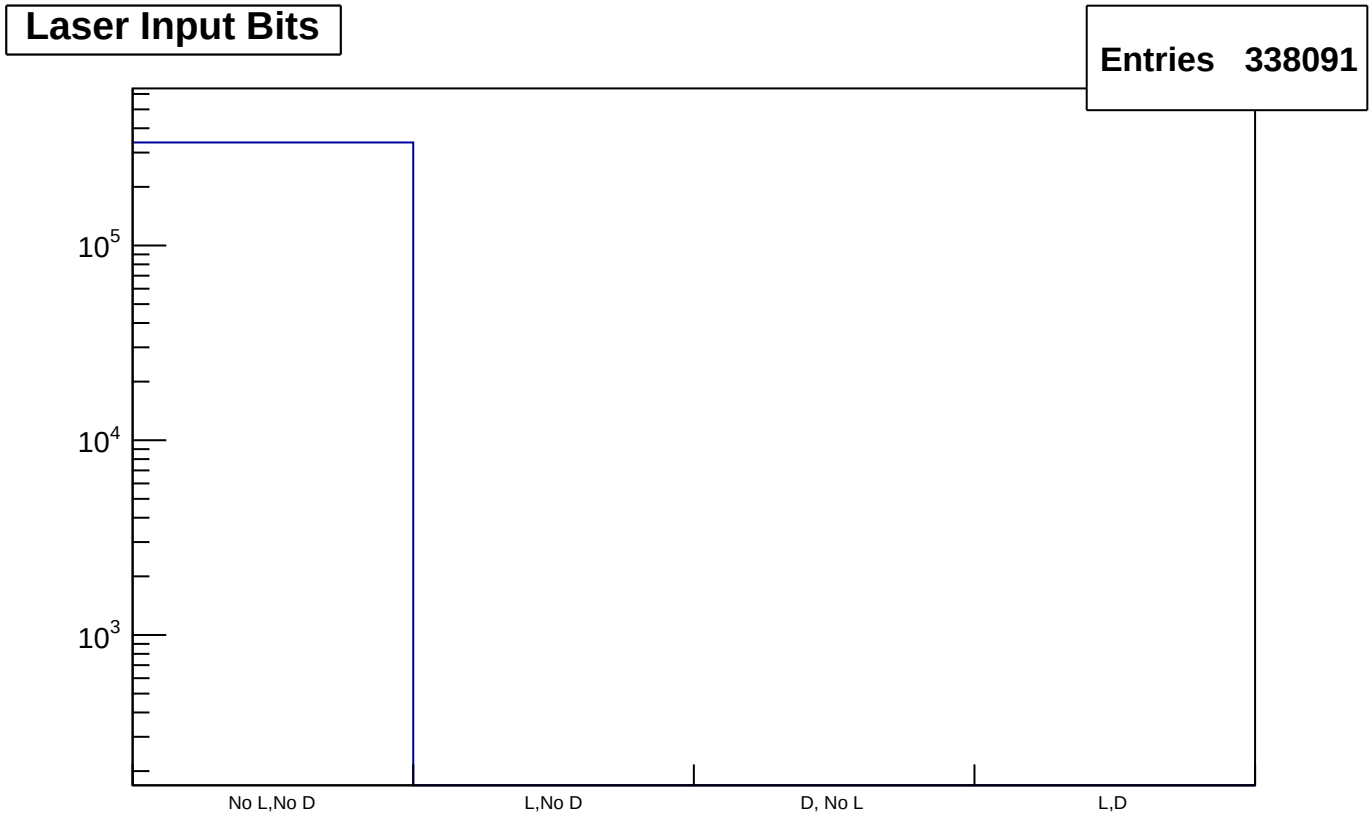

Entries 338091
TOF-Mult
VPD-West ADC Sum

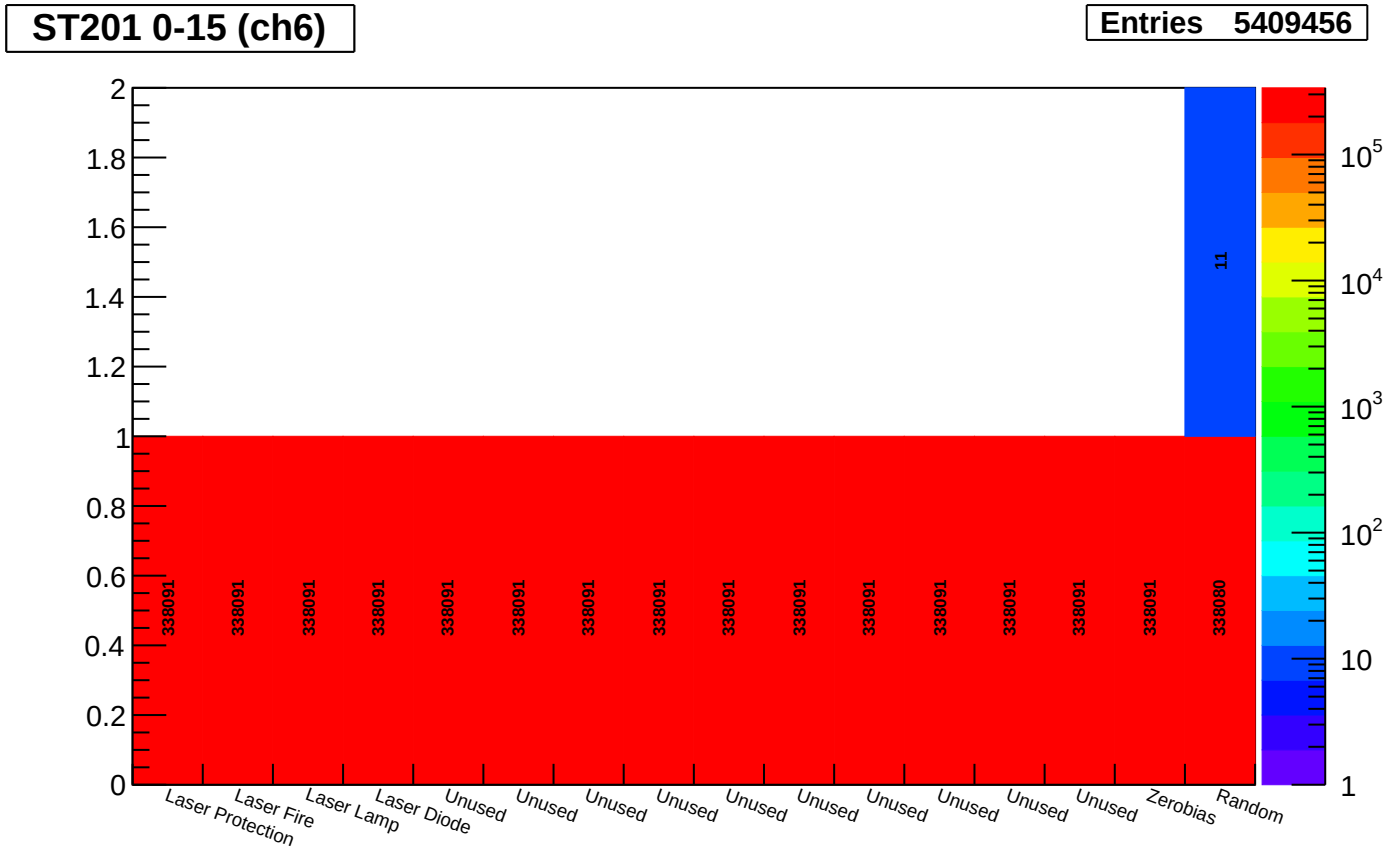

Entries 338091
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

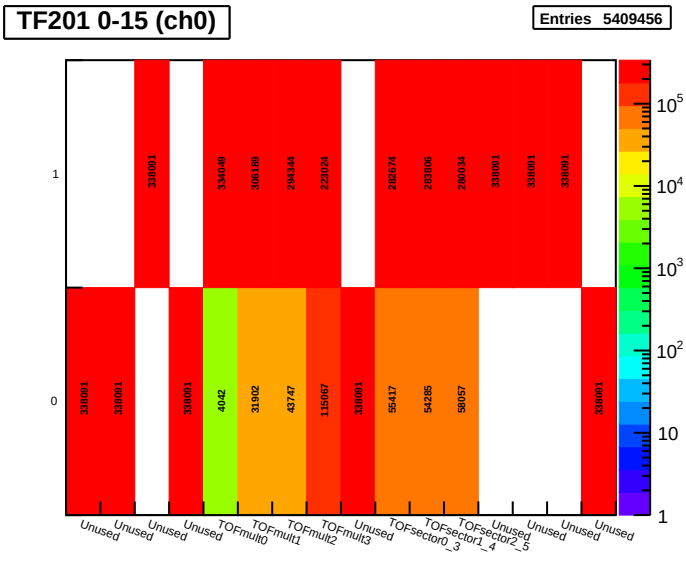

Entries 338091
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

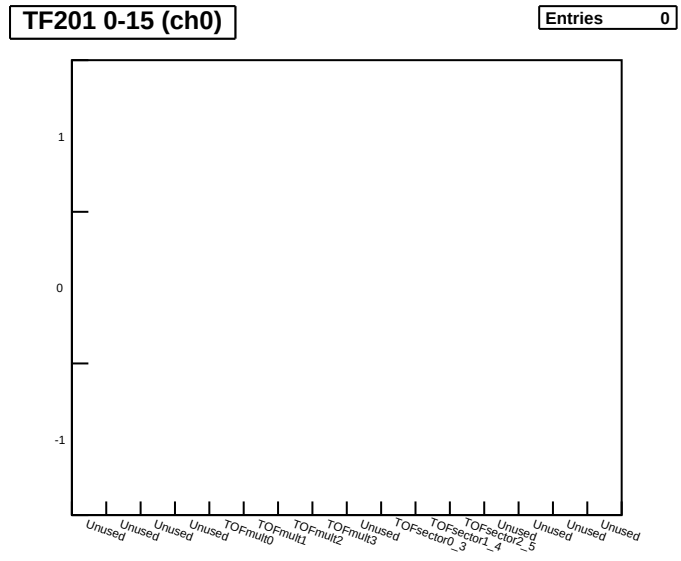

Entries 338091
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

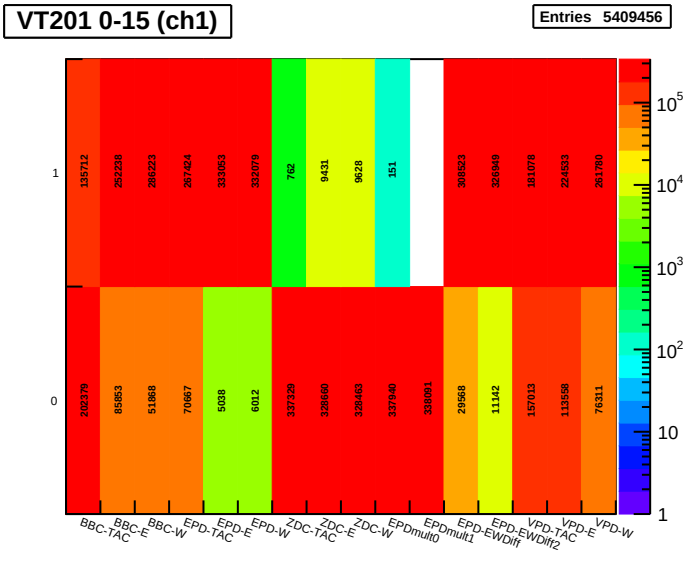

Entries 338091
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

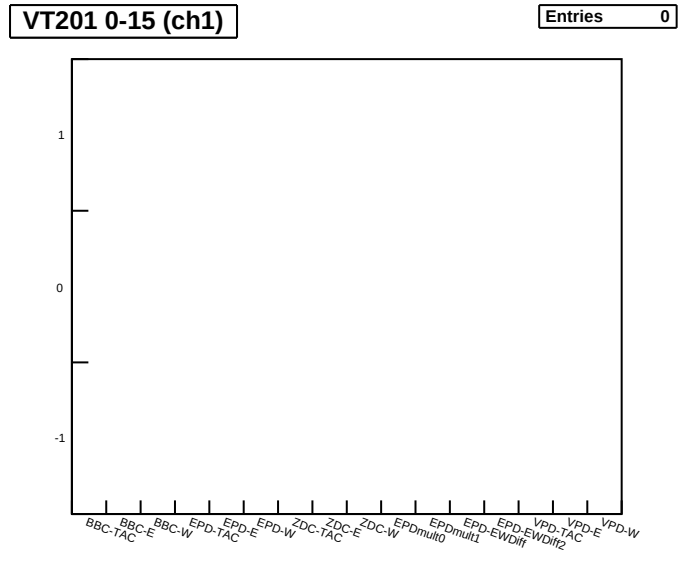

Laser Input Bits
Entries 338091
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

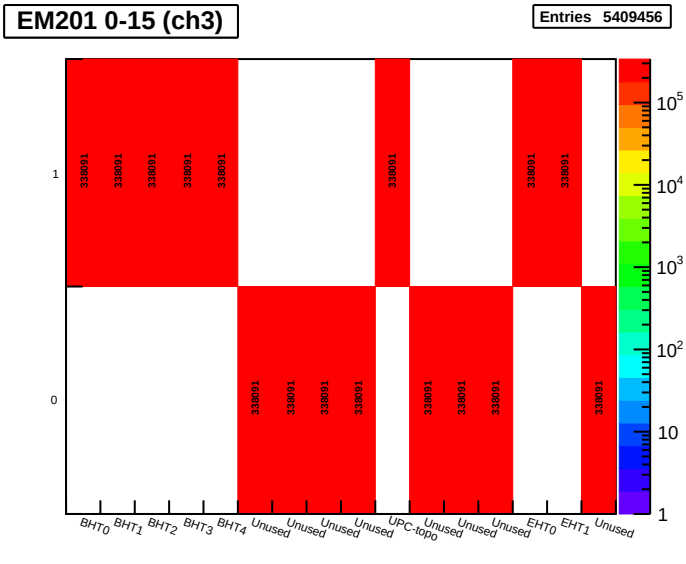

ST201 0-15 (ch6)
Entries 5409456
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338080
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

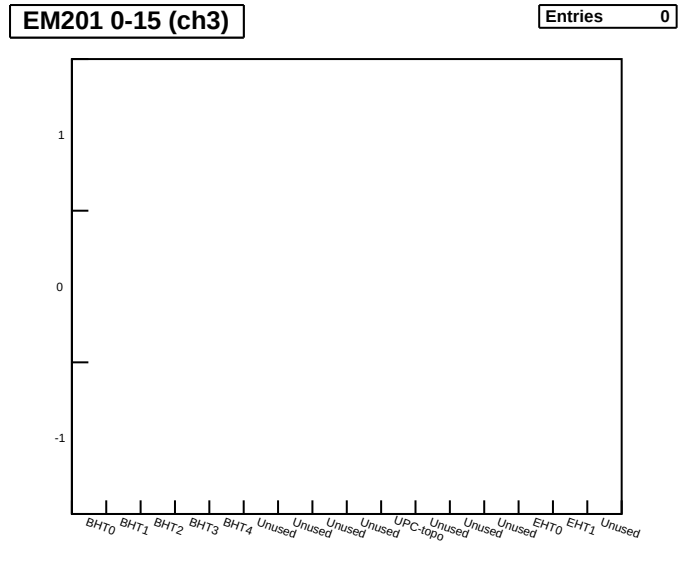

TF201 0-15 (ch0)
Entries 5409456
1
0
338091
334049
306189
294344
223024
292674
283906
280034
338091
338091
338091
338091
338091
338091
4042
31902
43747
115067
55417
54285
50057
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5409456
1
0
135712
252238
286223
267424
333053
332079
762
9431
9628
151
308523
326949
181078
224533
261780
202379
85853
51868
70667
5038
6012
337329
328660
328463
337940
338091
29568
11142
157013
113558
76311
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 5409456
1
0
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
338091
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