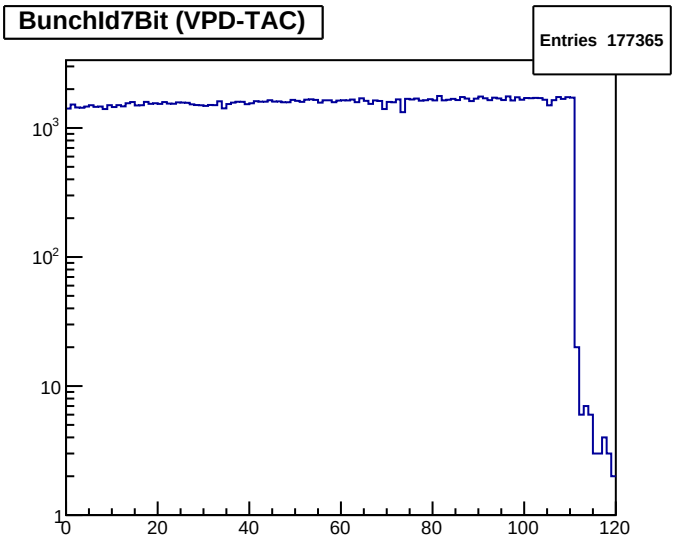
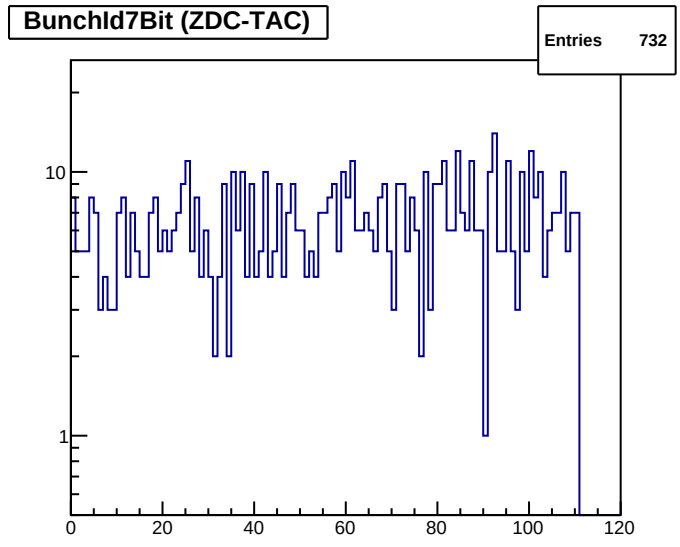
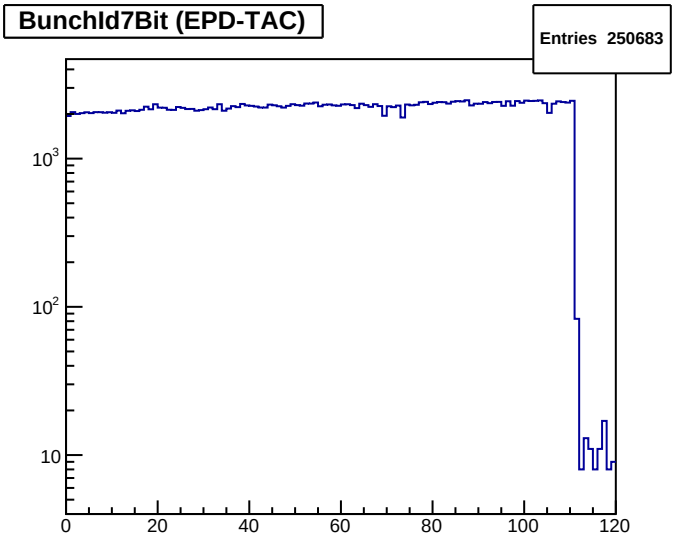
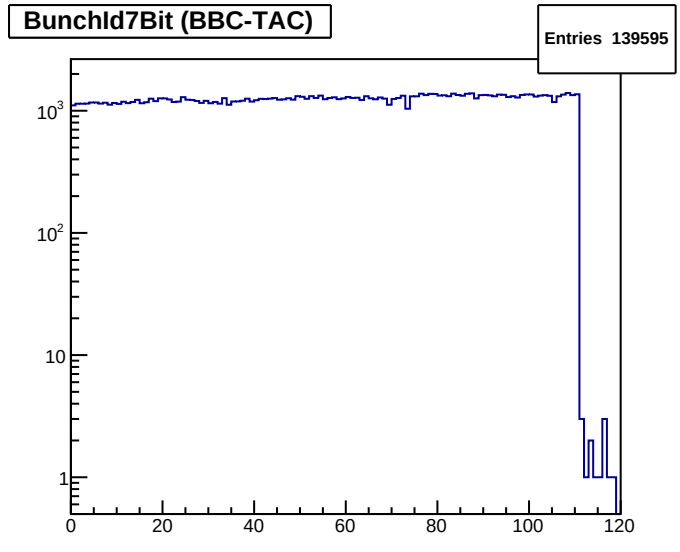
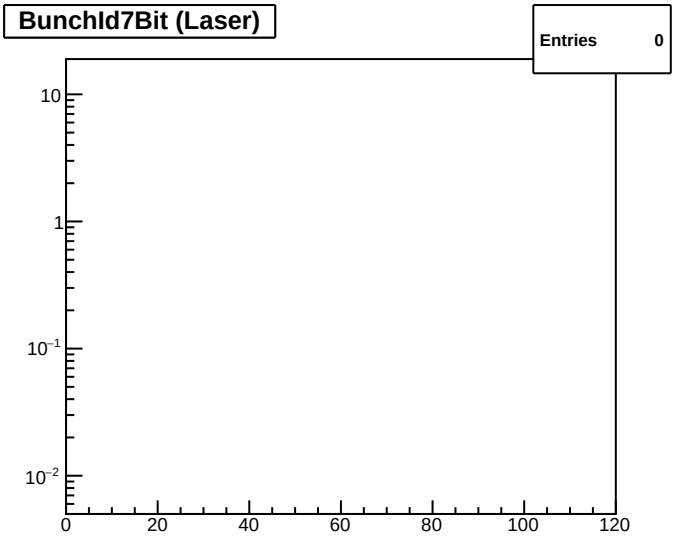
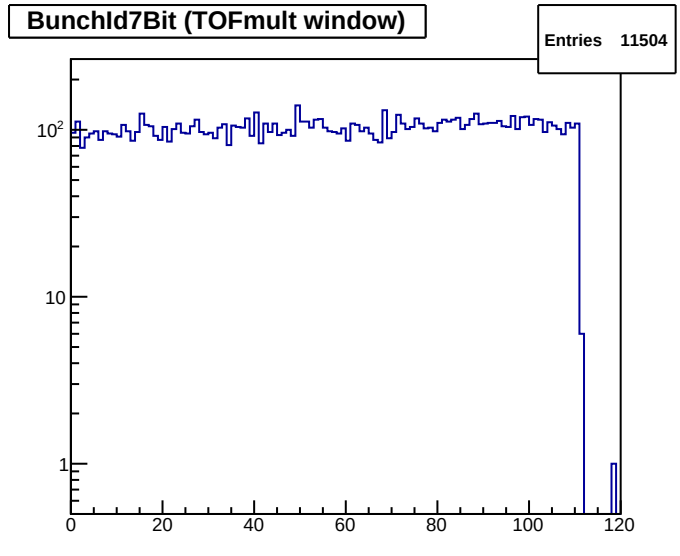

BunchId7Bit (VPD-TAC)
Entries 177365

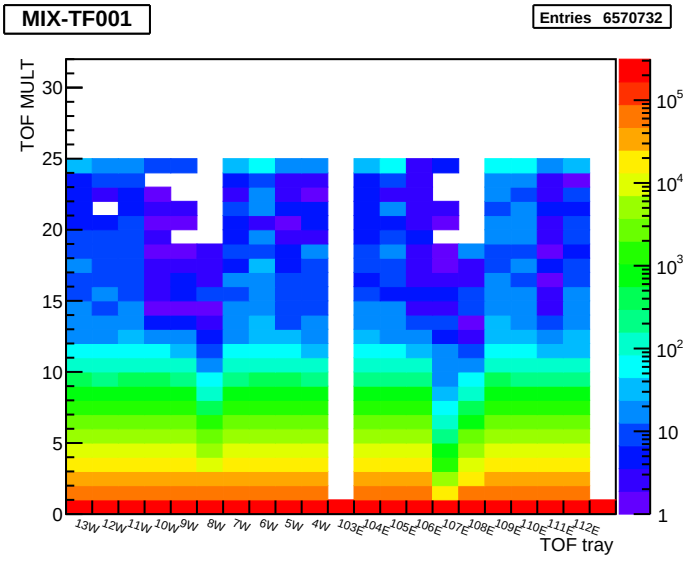

BunchId7Bit (ZDC-TAC)
Entries 732

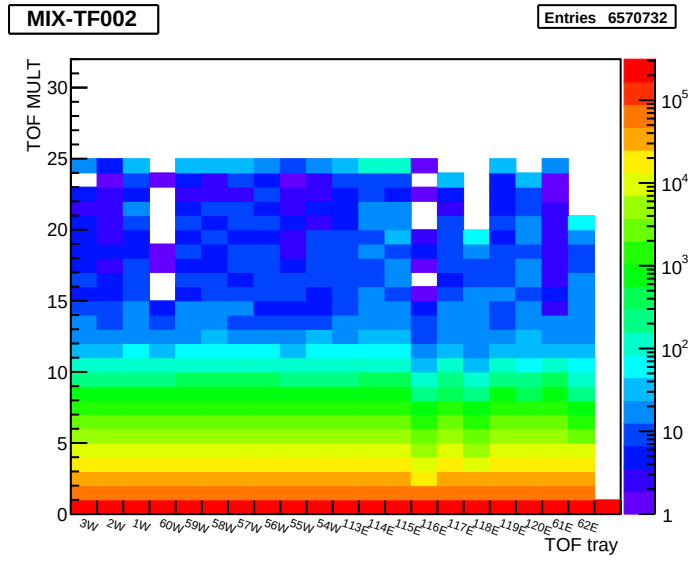

BunchId7Bit (EPD-TAC)
Entries 250683

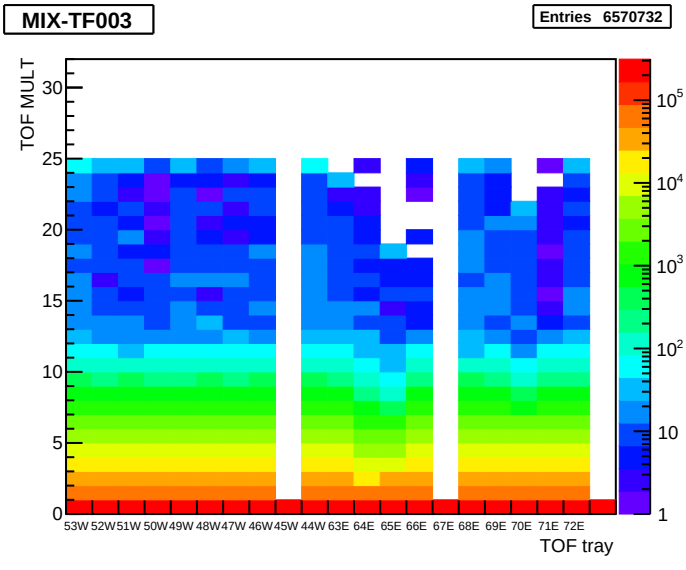

BunchId7Bit (BBC-TAC)
Entries 139595

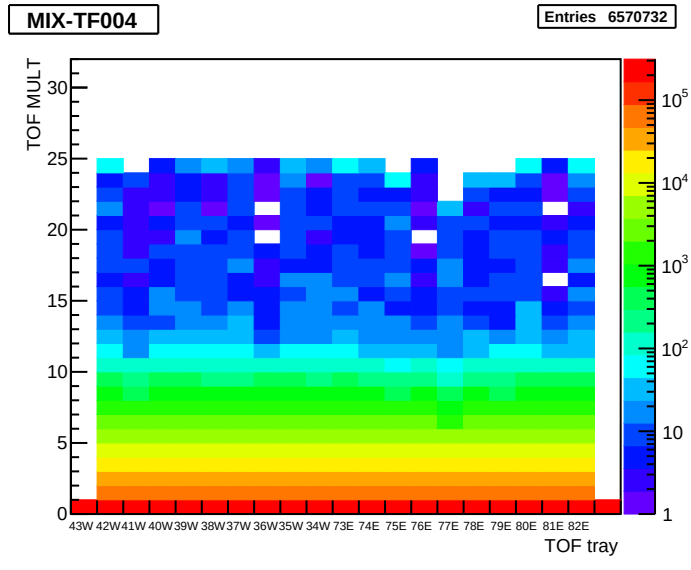

BunchId7Bit (Laser)
Entries 0

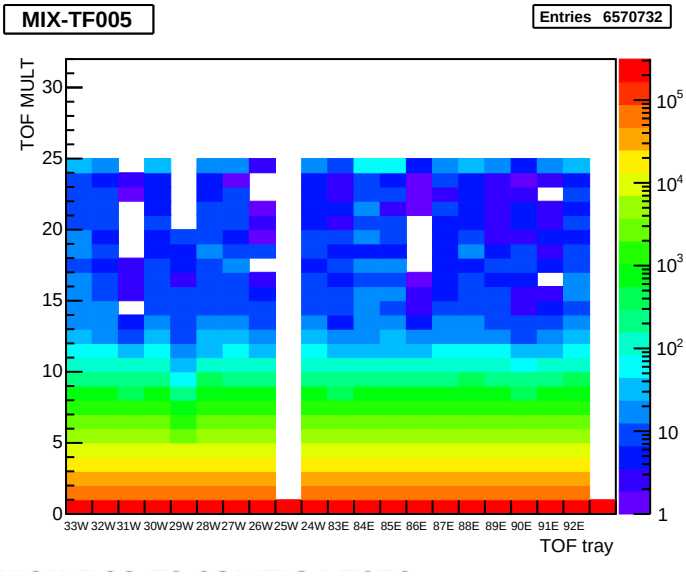

BunchId7Bit (TOFmult window)
Entries 11504

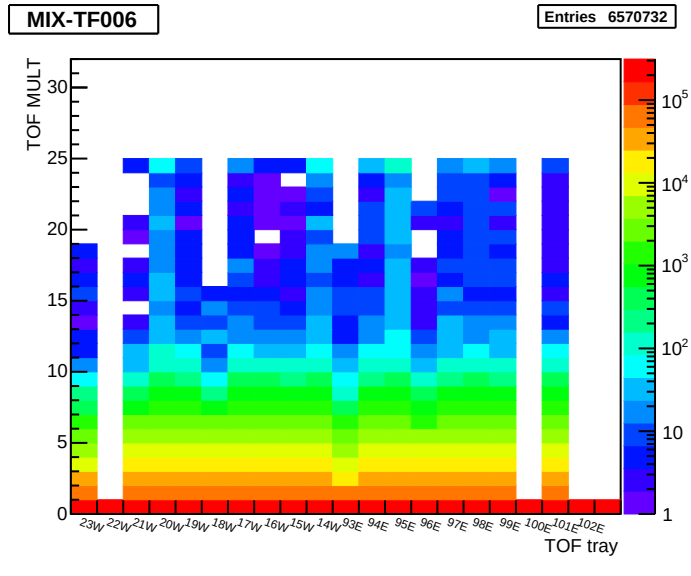

MIX-TF001
Entries 6570732
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

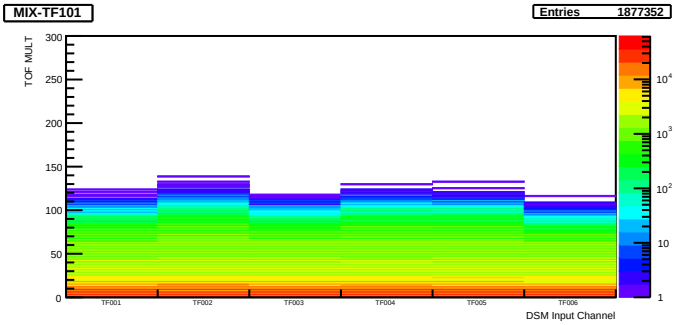

MIX-TF002
Entries 6570732
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

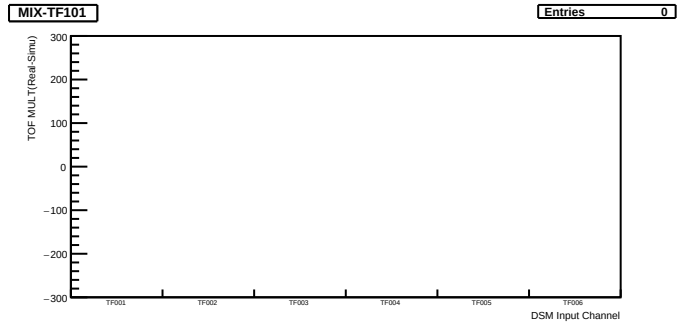

MIX-TF003
Entries 6570732
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

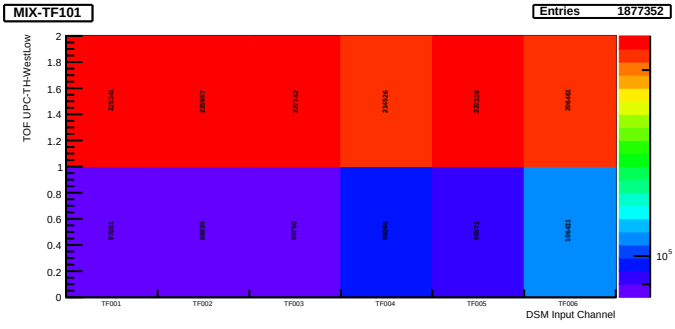

MIX-TF004
Entries 6570732
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

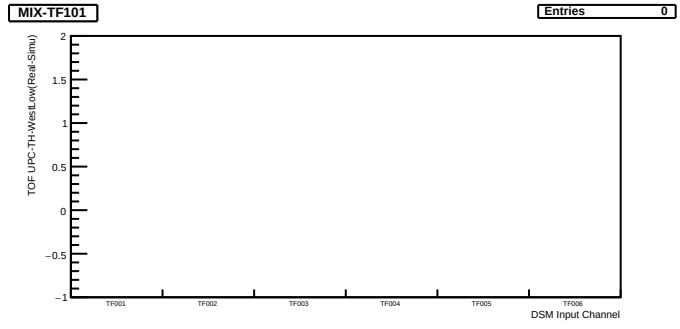

MIX-TF005
Entries 6570732
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

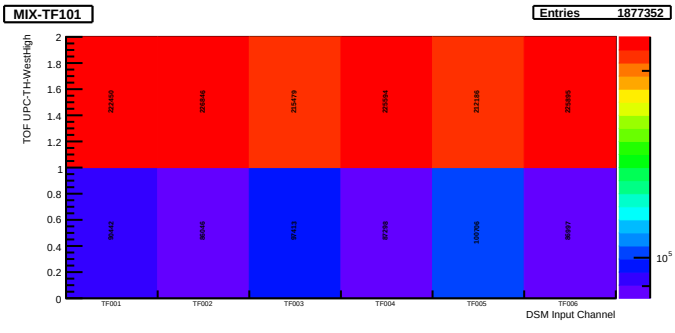

MIX-TF006
Entries 6570732
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

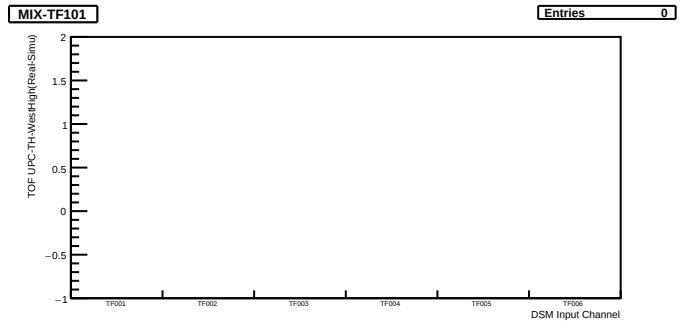

MIX-TF101
Entries 1877352
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

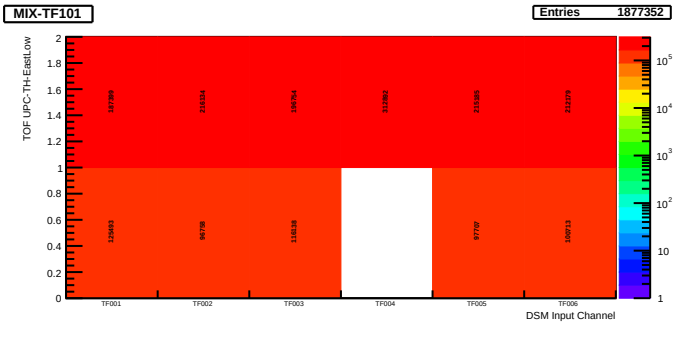

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

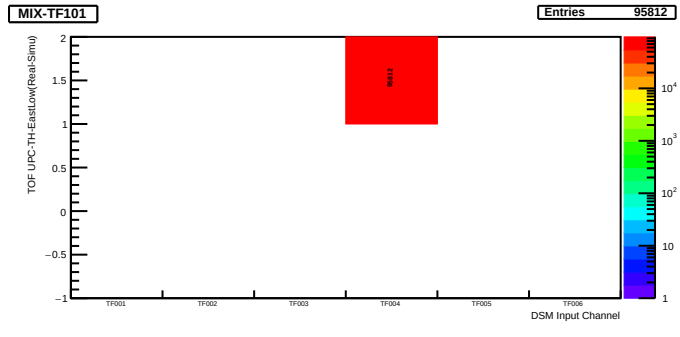

MIX-TF101
Entries 1877352
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

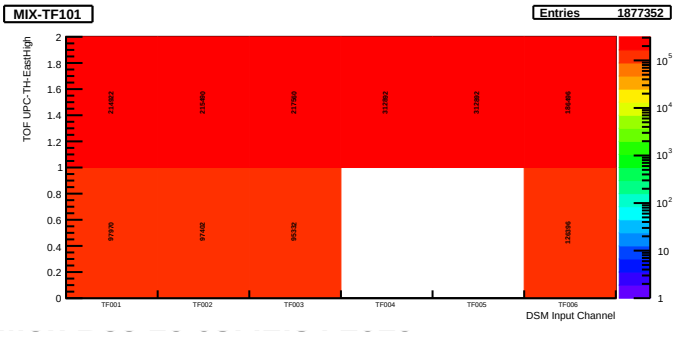

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

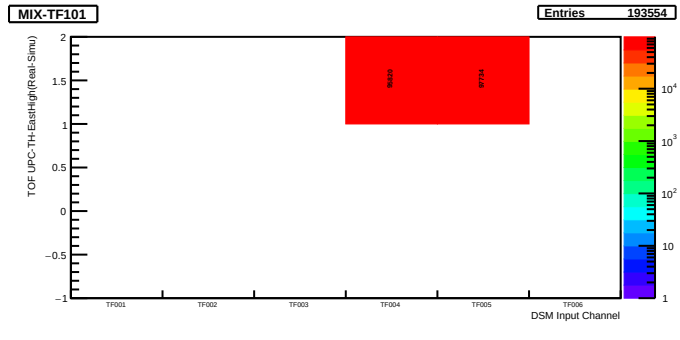

MIX-TF101
Entries 1877352
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

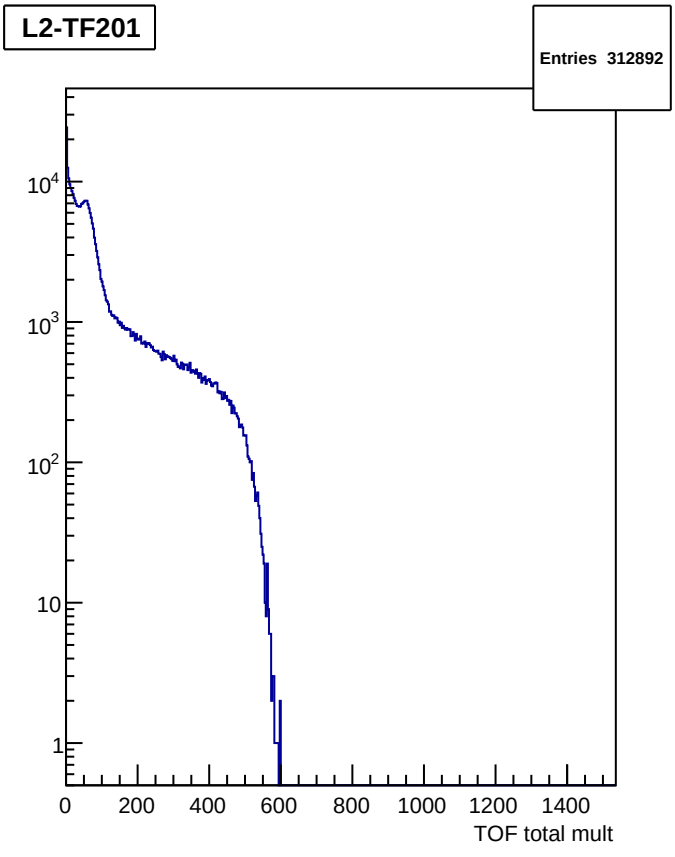

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

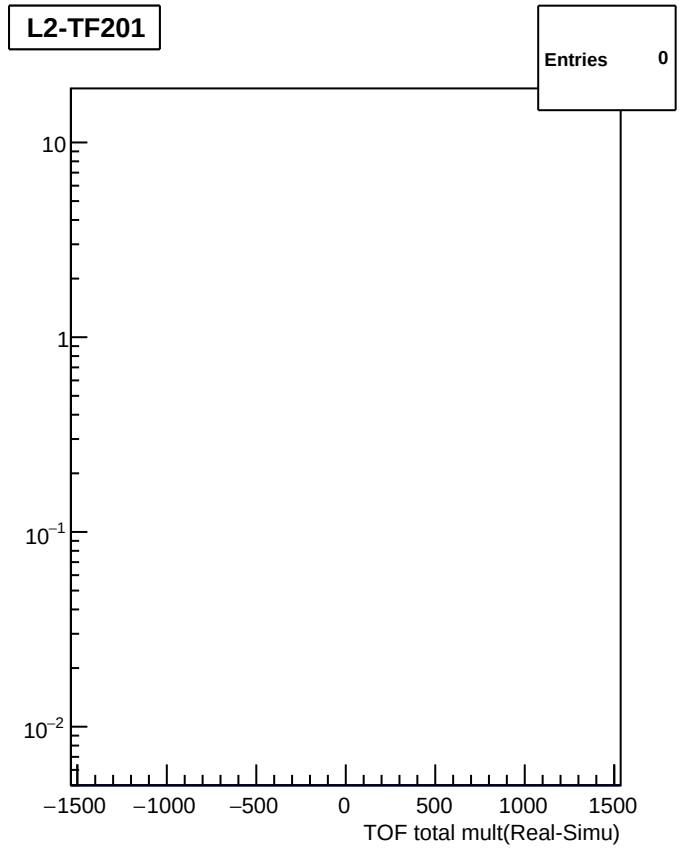

MIX-TF101
Entries 1877352
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

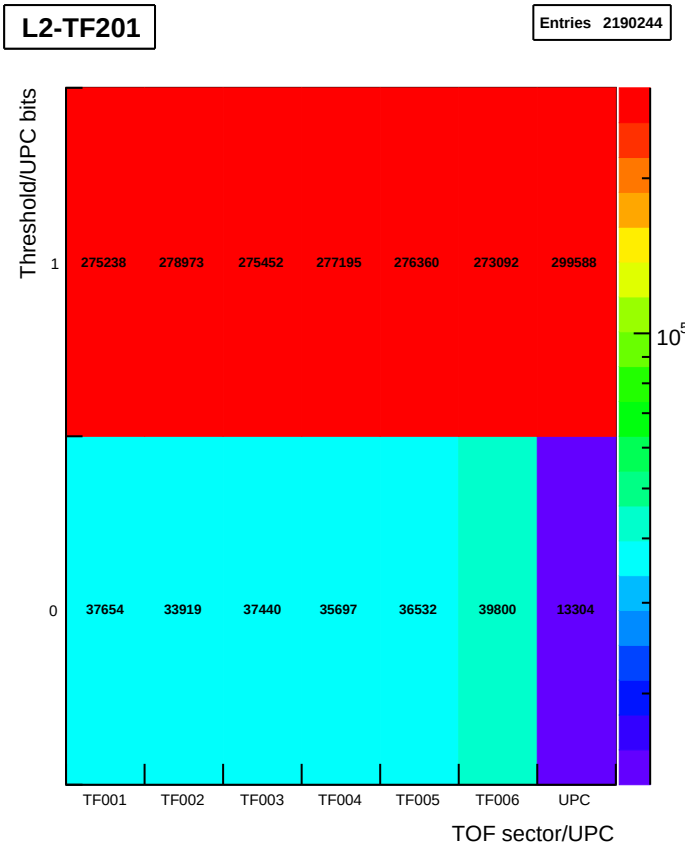

MIX-TF101
Entries 95812
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

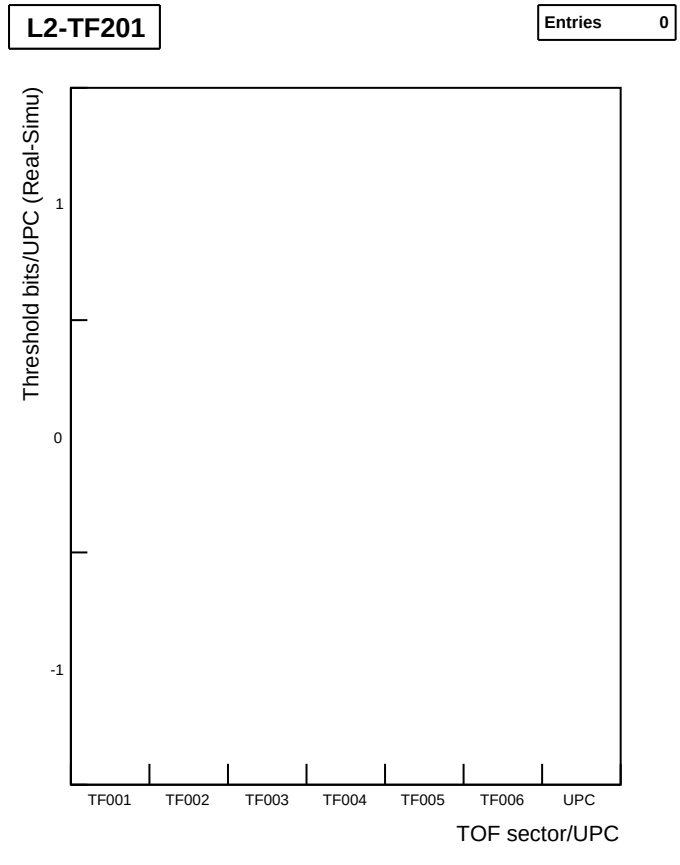

MIX-TF101
Entries 1877352
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

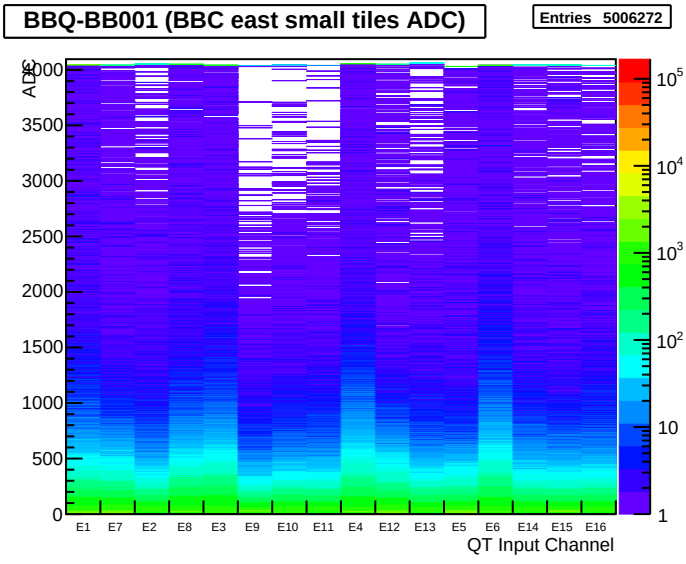

MIX-TF101
Entries 193554
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

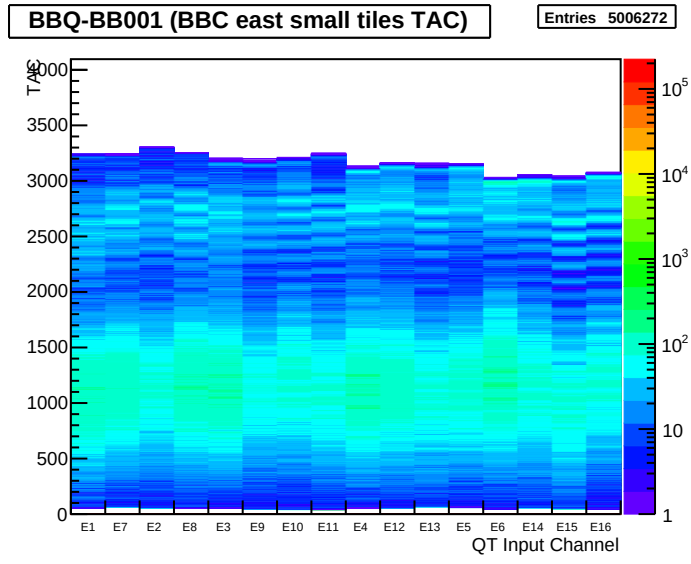

L2-TF201
Entries 312892
TOF total mult

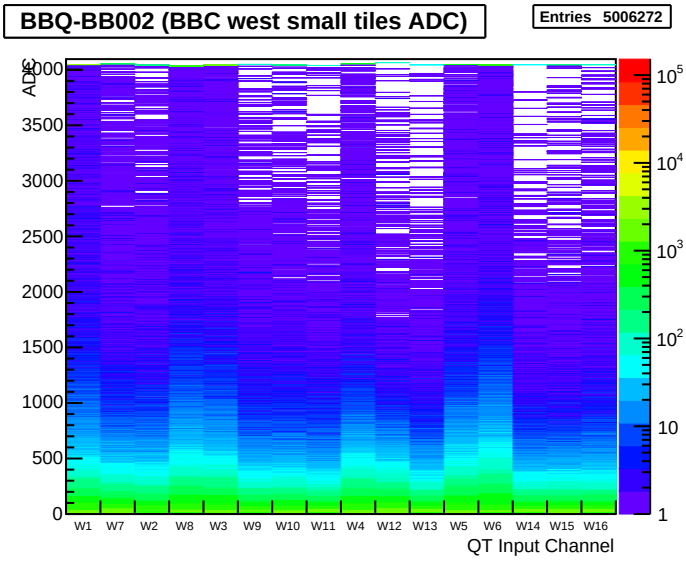

L2-TF201
Entries 0
TOF total mult(Real-Simu)

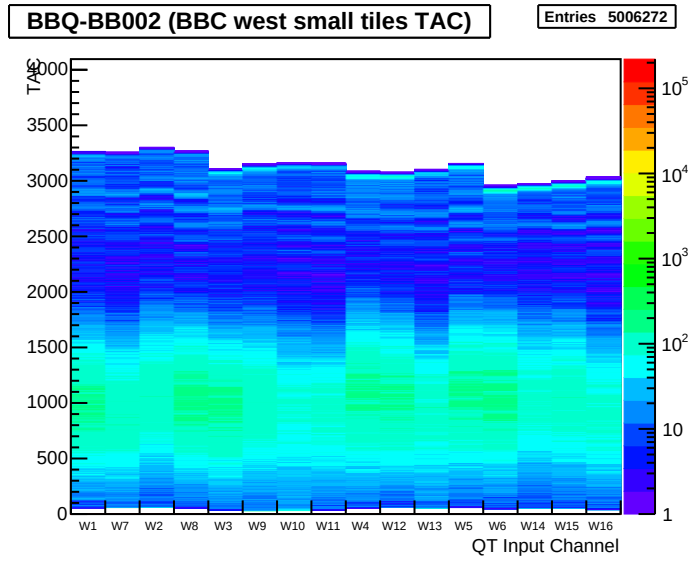

L2-TF201
Entries 2190244
Threshold/UPC bits
275238
278973
275452
277195
276360
273092
299588
37654
33919
37440
35697
36532
39800
13304
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

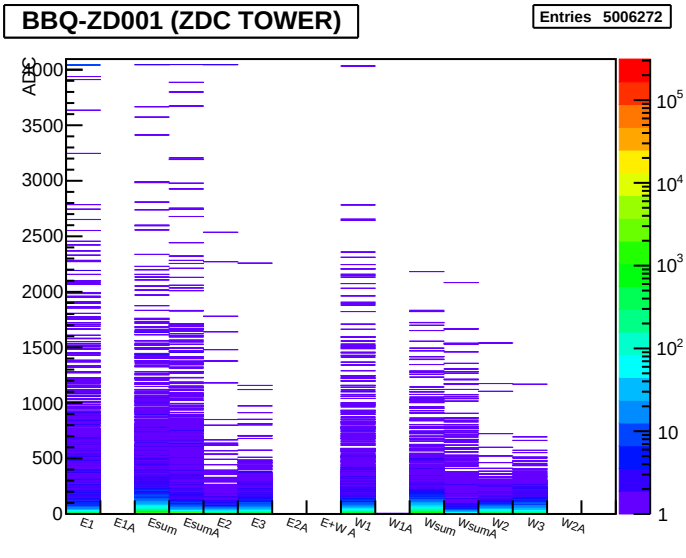

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

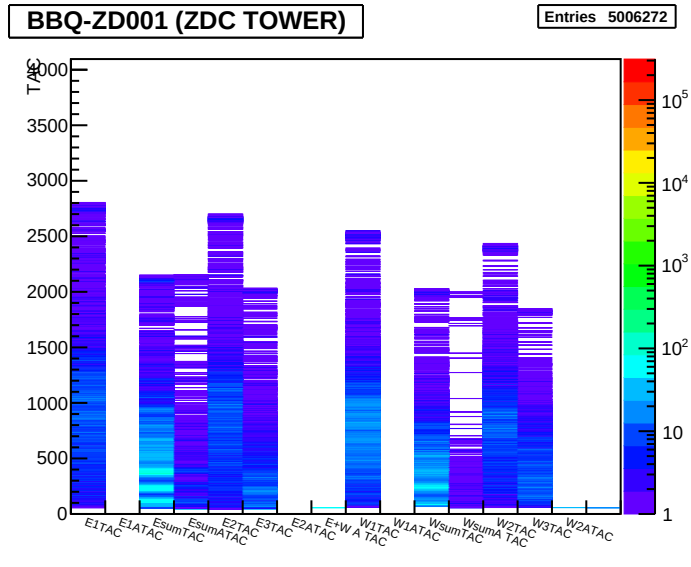

BBQ-BB001 (BBC east small tiles ADC)
Entries 5006272
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

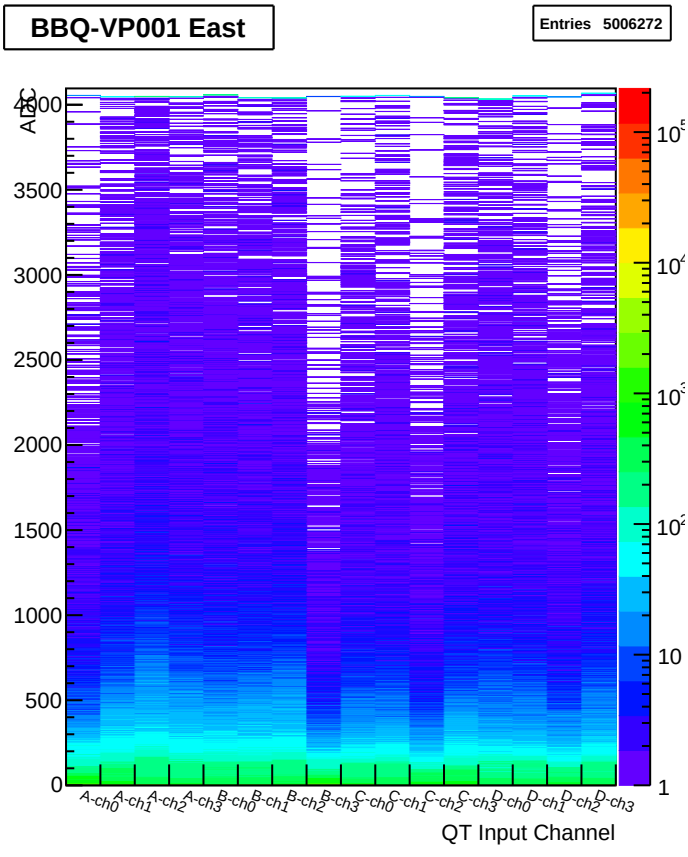

BBQ-BB001 (BBC east small tiles TAC)
Entries 5006272
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

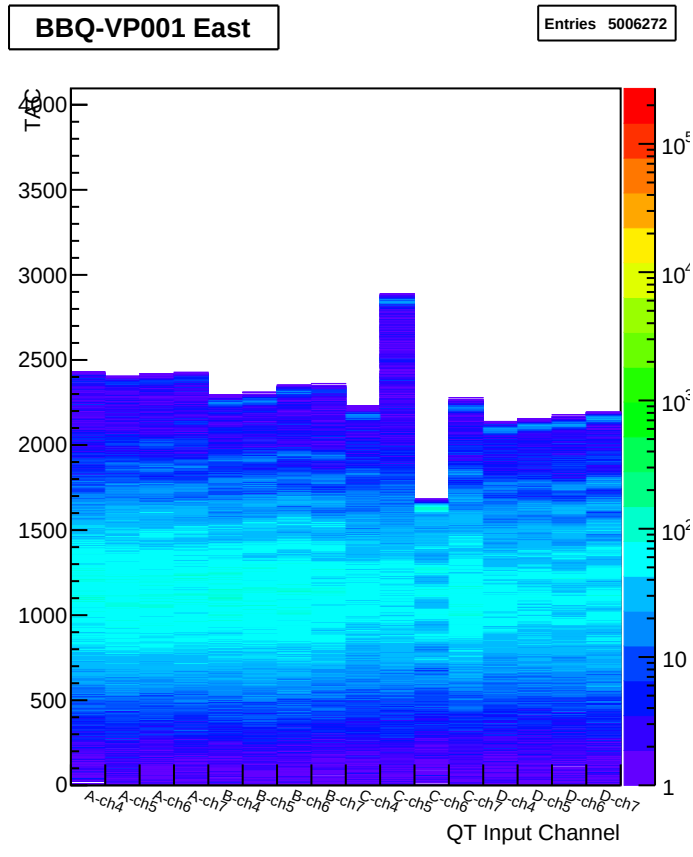

BBQ-BB002 (BBC west small tiles ADC)
Entries 5006272
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

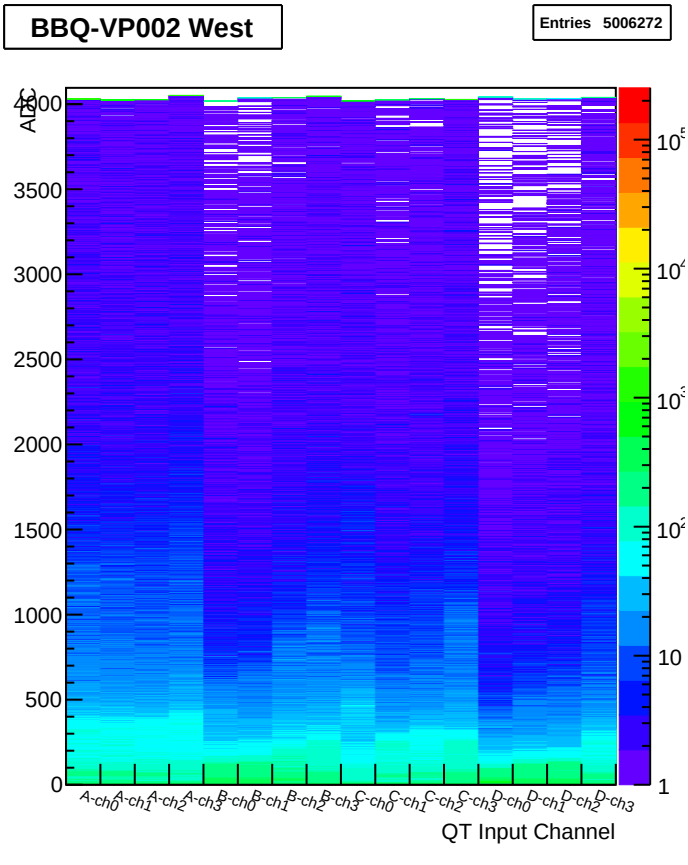

BBQ-BB002 (BBC west small tiles TAC)
Entries 5006272
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

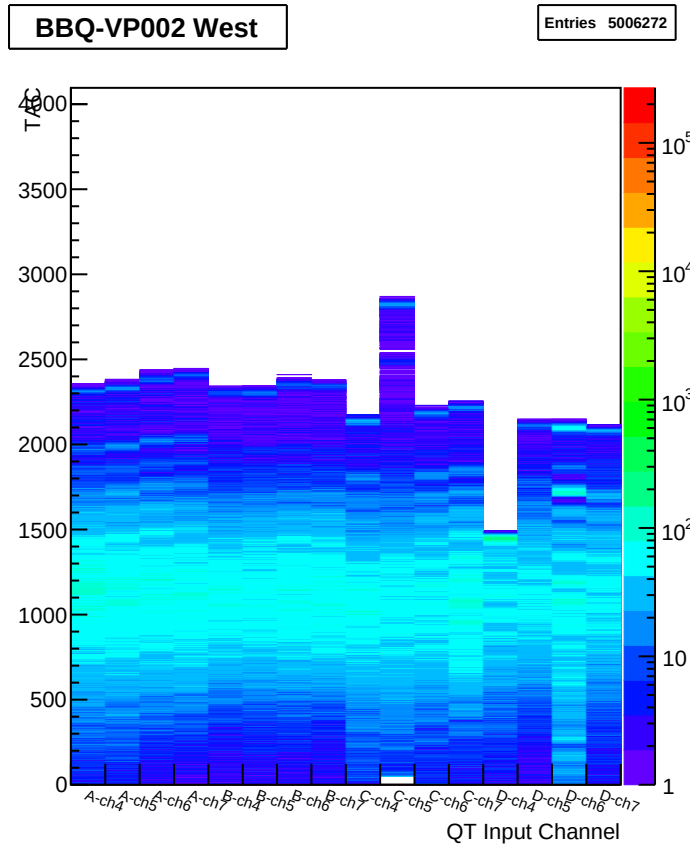

BBQ-ZD001 (ZDC TOWER)
Entries 5006272
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

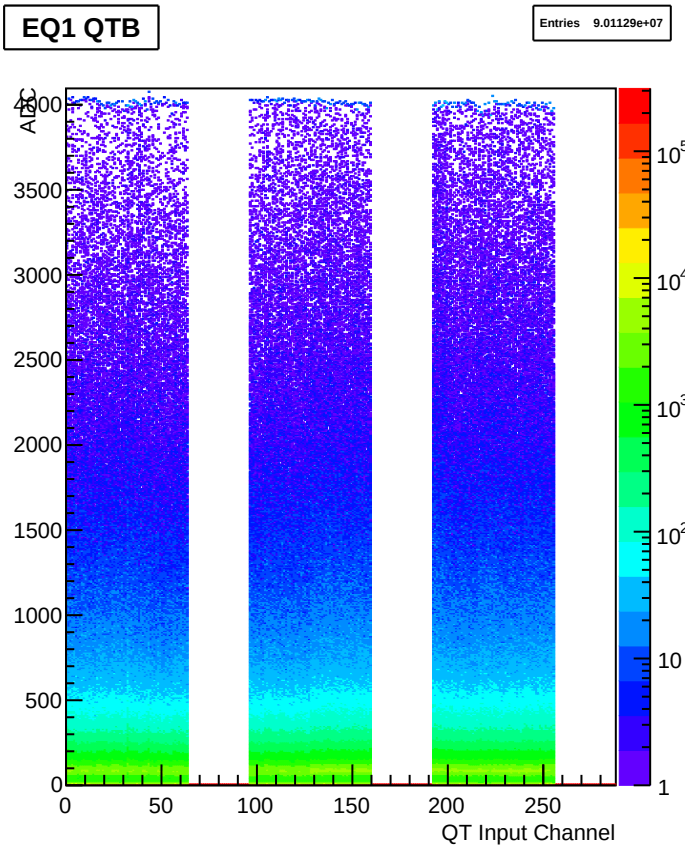

BBQ-ZD001 (ZDC TOWER)
Entries 5006272
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

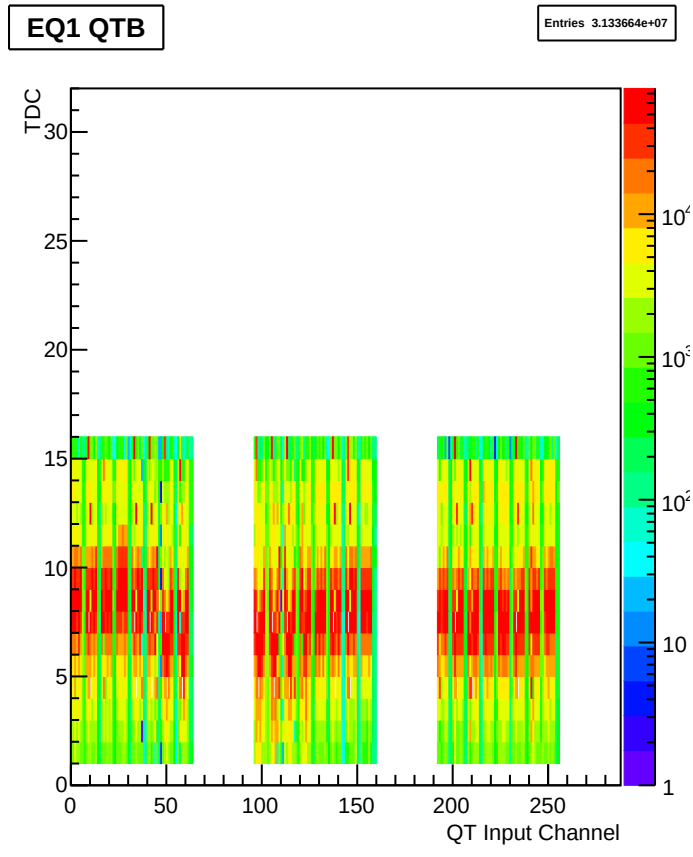

BBQ-VP001 East
Entries 5006272
ADC
QT Input Channel

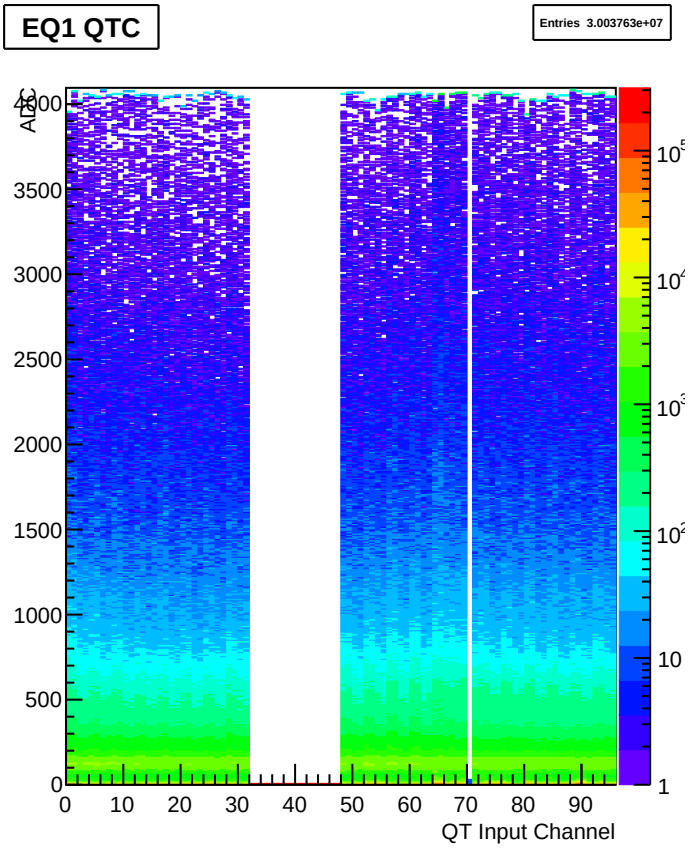

BBQ-VP001 East
Entries 5006272
TADC
QT Input Channel

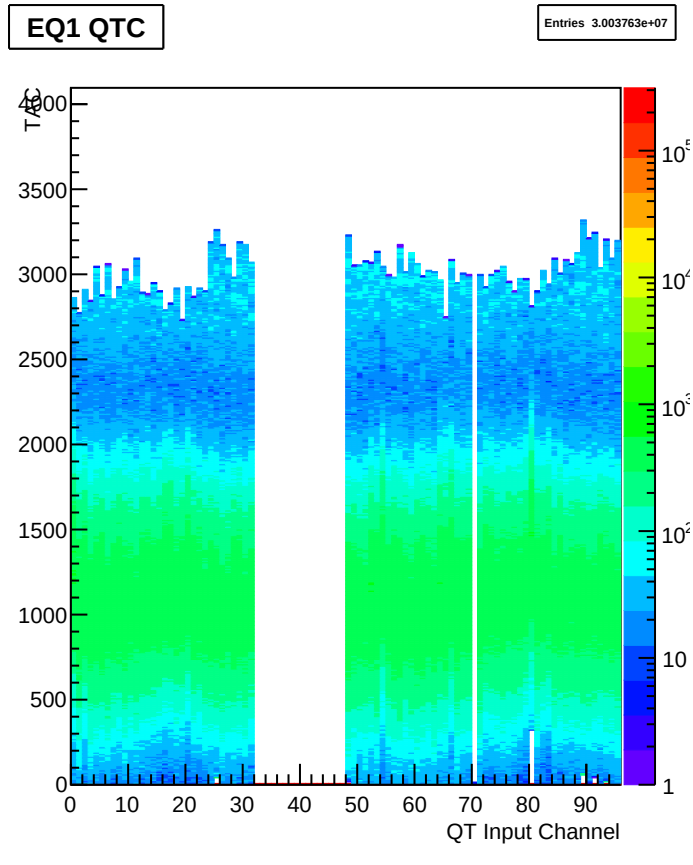

BBQ-VP002 West
Entries 5006272
ADC
QT Input Channel

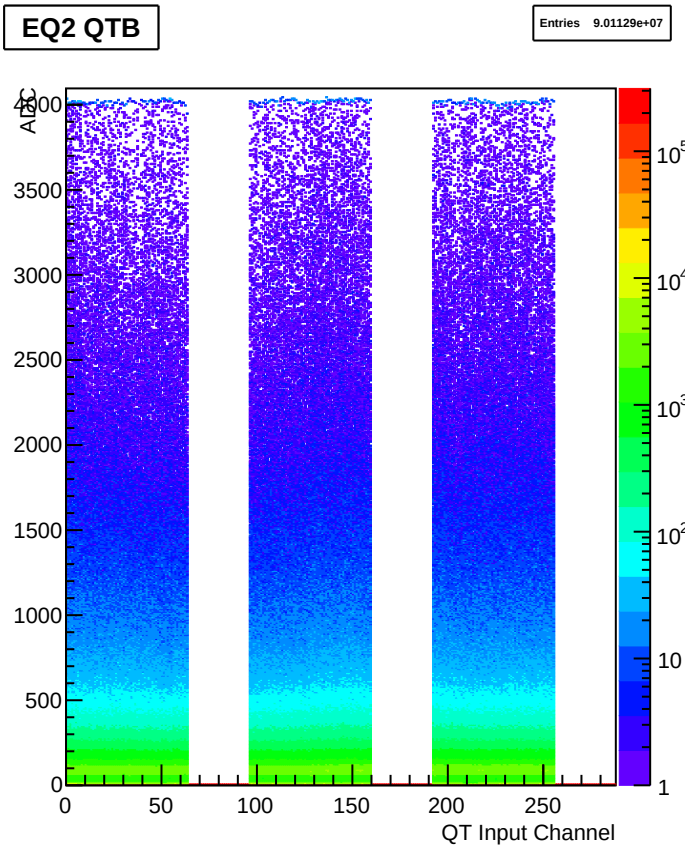

BBQ-VP002 West
Entries 5006272
TADC
QT Input Channel

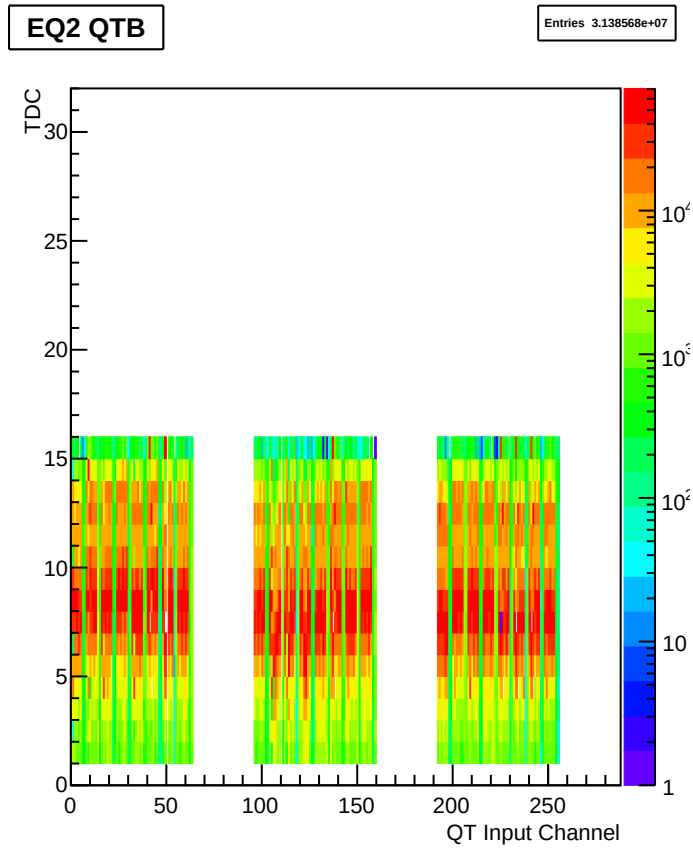

EQ1 QTB
Entries 9.01129e+07
ADC
QT Input Channel

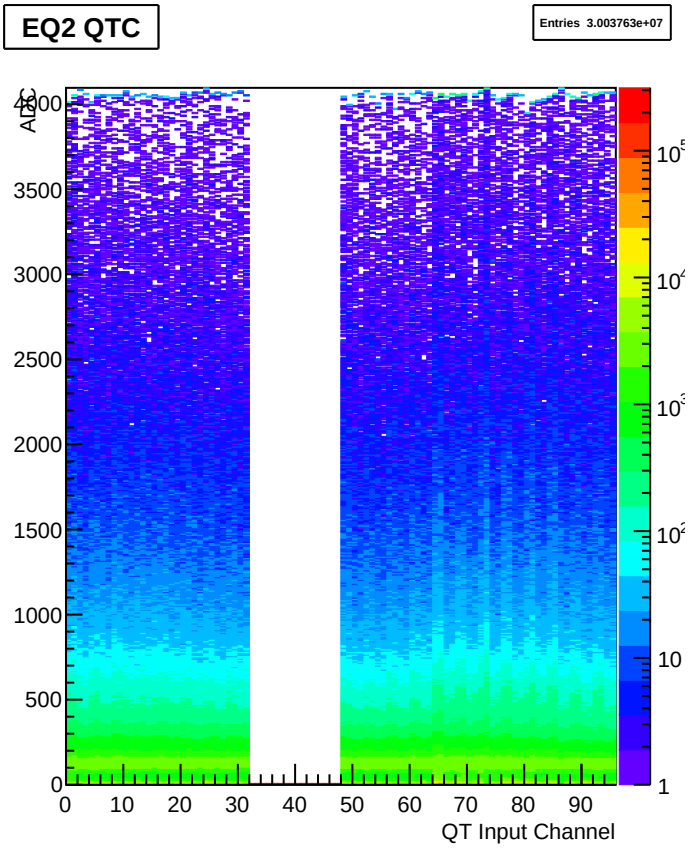

EQ1 QTB
Entries 3.133664e+07
TDC
QT Input Channel

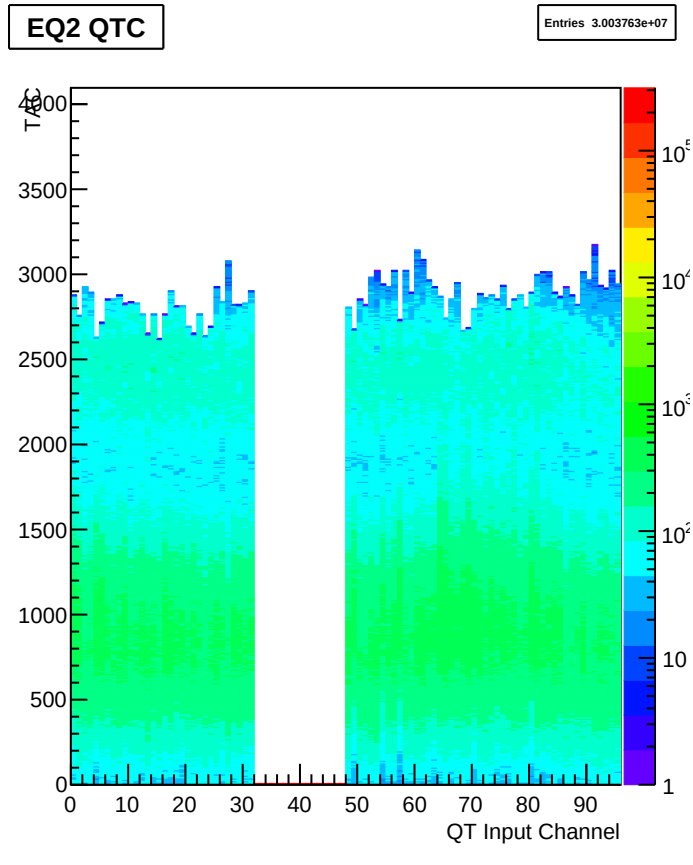

EQ1 QTC
Entries 3.003763e+07
ADC
QT Input Channel

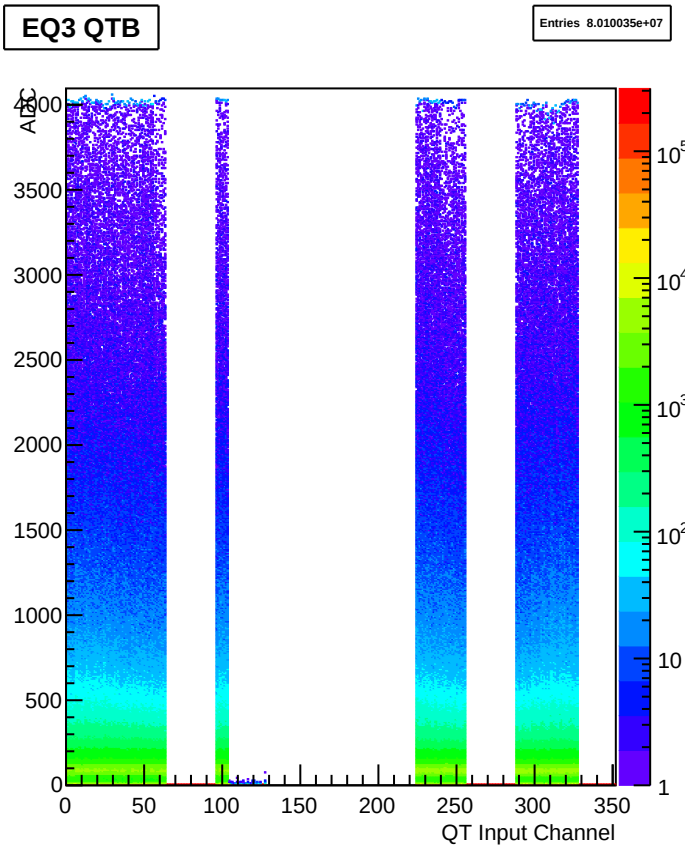

EQ1 QTC
Entries 3.003763e+07
TADC
QT Input Channel

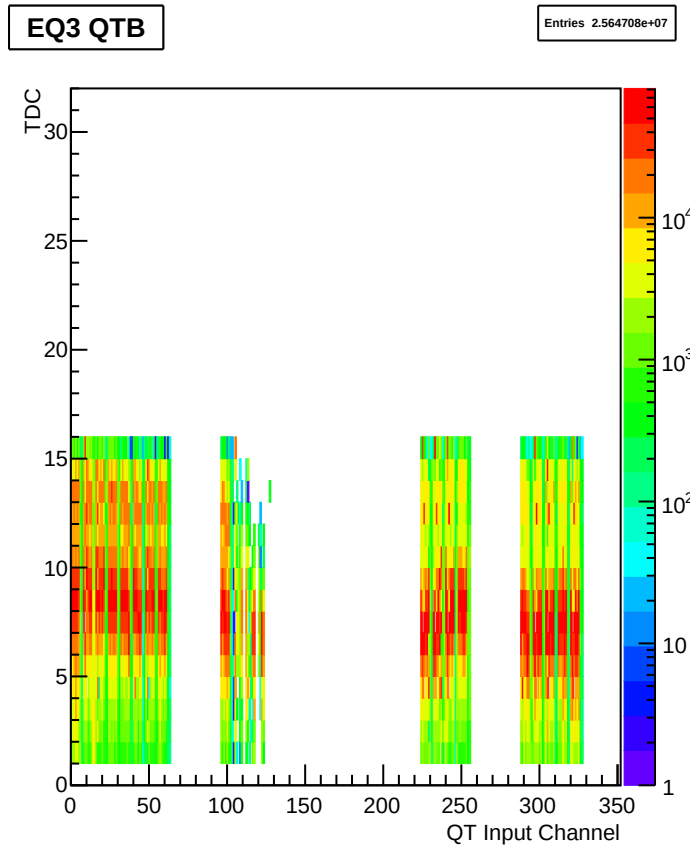

EQ2 QTB
Entries 9.01129e+07
ADC
QT Input Channel

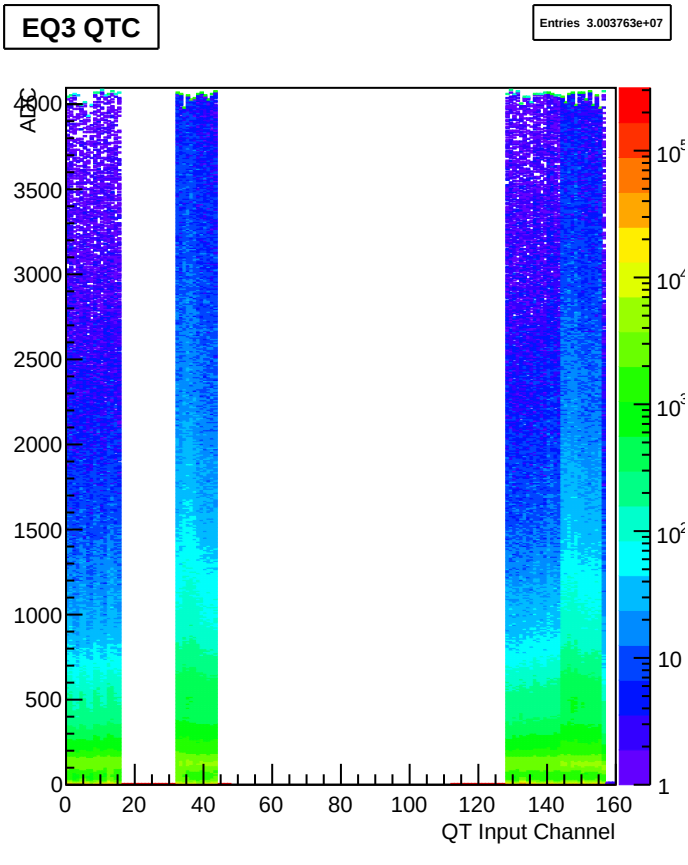

EQ2 QTB
Entries 3.138568e+07
TDC
QT Input Channel

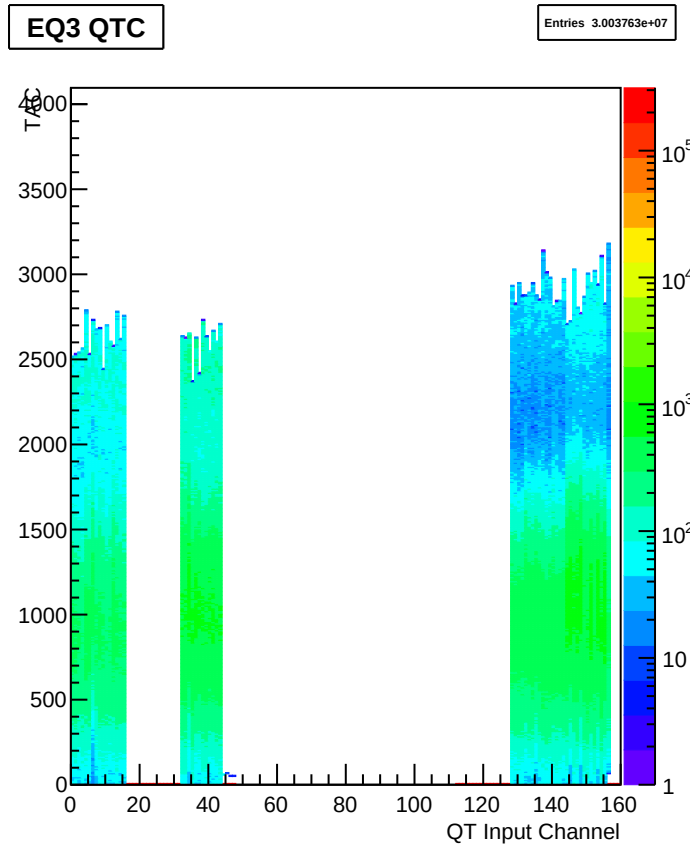

EQ2 QTC
Entries 3.003763e+07
ADC
QT Input Channel

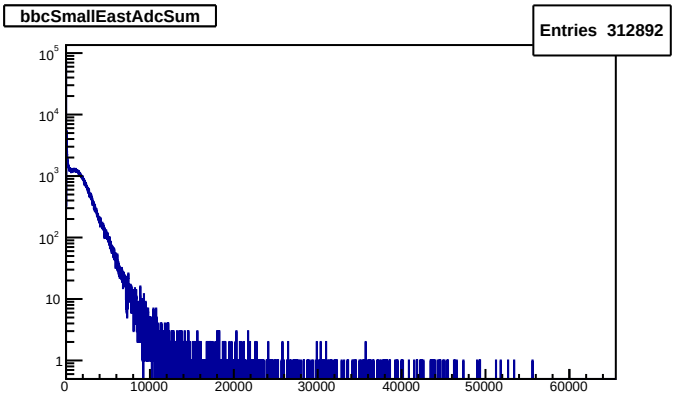

EQ2 QTC
Entries 3.003763e+07
TADC
QT Input Channel

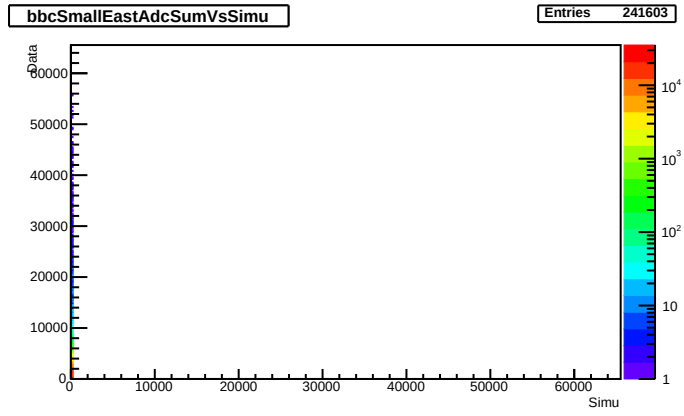

EQ3 QTB
Entries 8.010035e+07
ADC
QT Input Channel

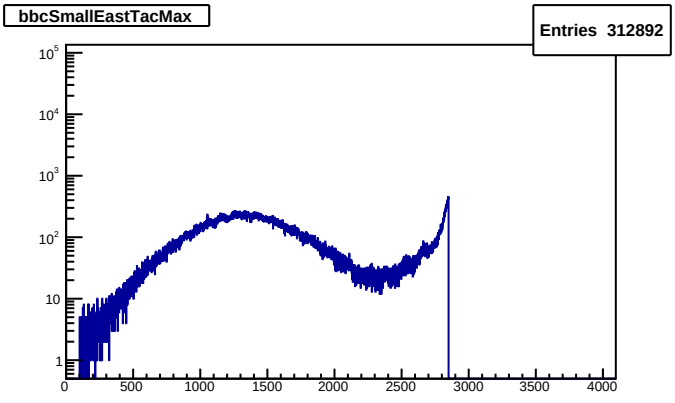

EQ3 QTB
Entries 2.564708e+07
TDC
QT Input Channel

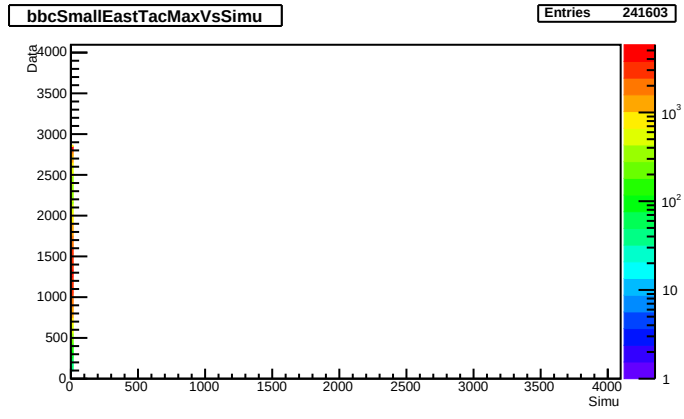

EQ3 QTC
Entries 3.003763e+07
ADC
QT Input Channel

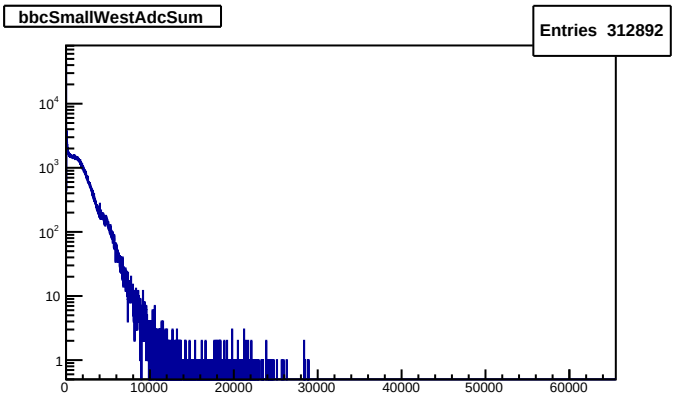

EQ3 QTC
Entries 3.003763e+07
TADC
QT Input Channel

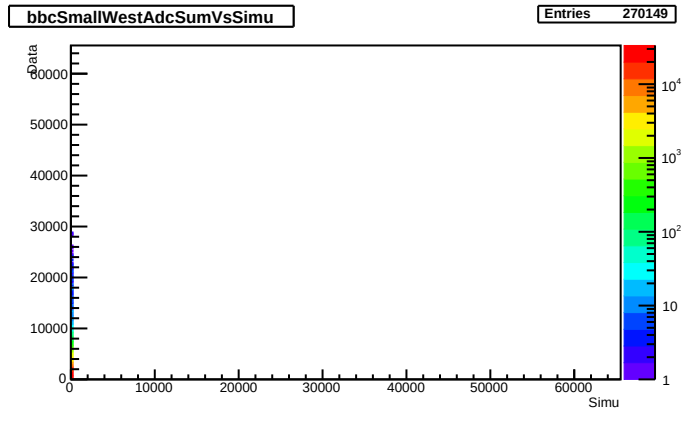

bbcSmallEastAdcSum
Entries 312892


bbcSmallEastAdcSumVsSimu
Entries 241603
Data
Simu


bbcSmallEastTacMax
Entries 312892


bbcSmallEastTacMaxVsSimu
Entries 241603
Data
Simu


bbcSmallWestAdcSum
Entries 312892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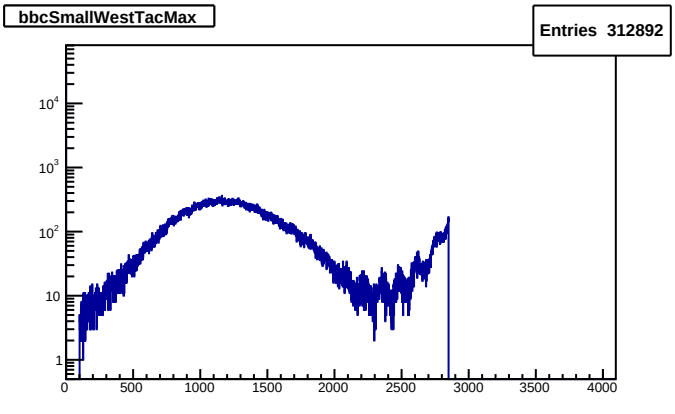
Entries 270149
Data
Simu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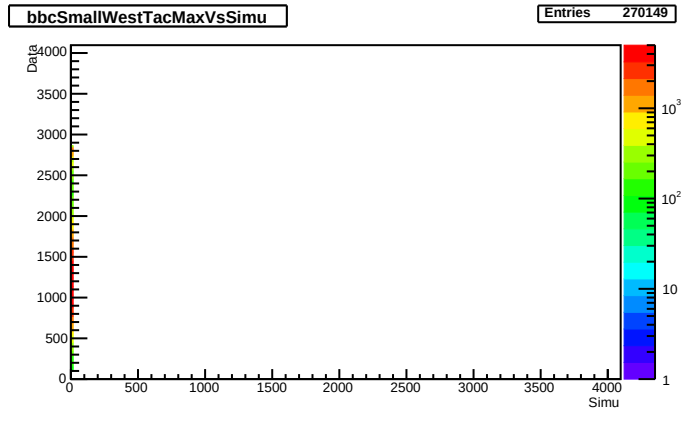
Entries 312892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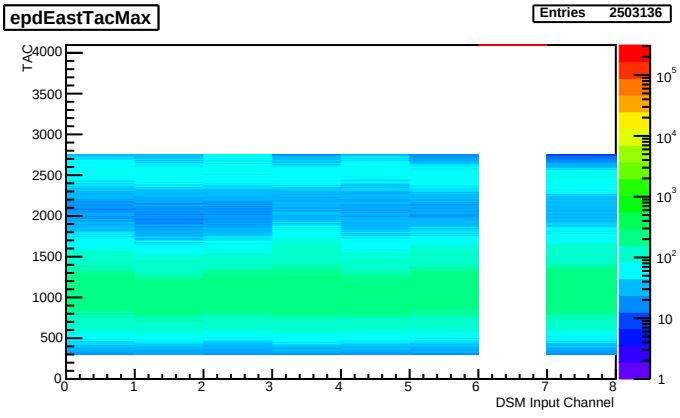
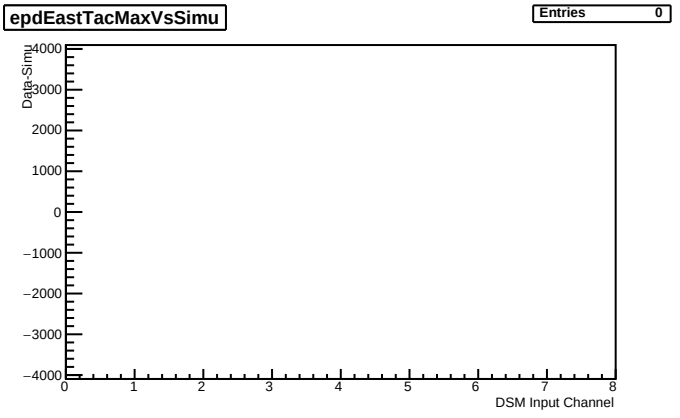
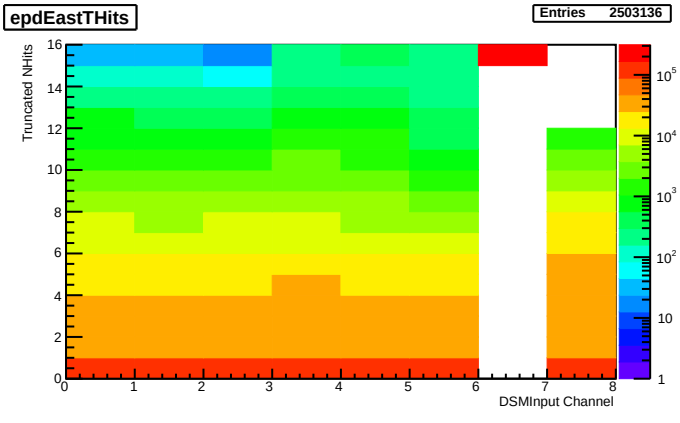
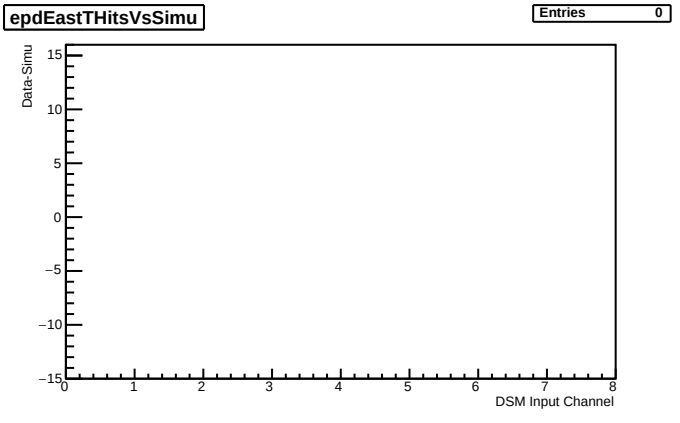
Entries 270149
Data
Simu


epdEastTacMax
Entries 2503136
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2503136
Truncated NHits
DSMInput Channel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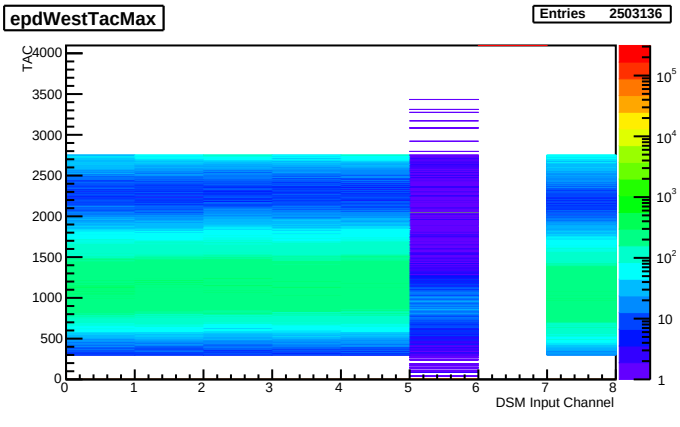
Data-Simu
DSM Input Channel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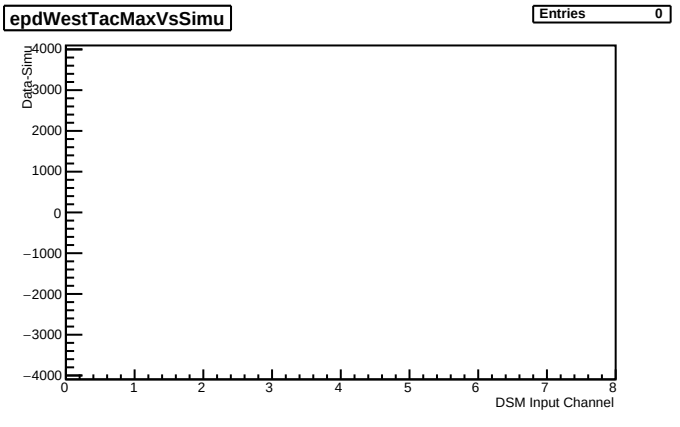
Entries 2503136
TAC
DSM Input Channel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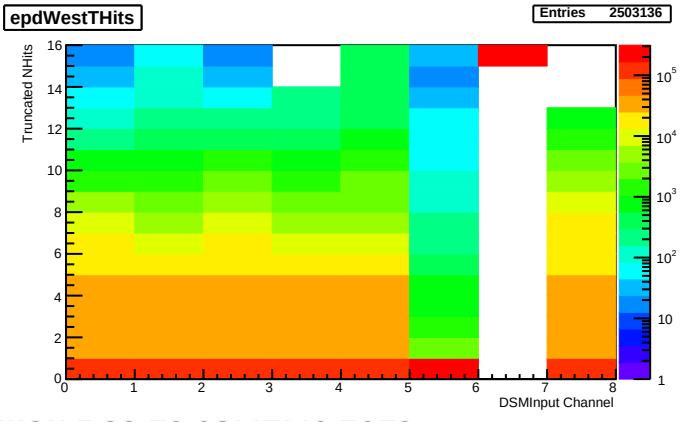
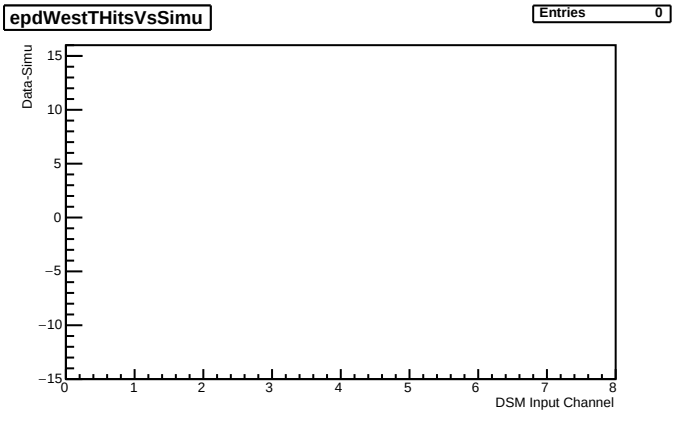
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2503136
Truncated NHits
DSMInput Channel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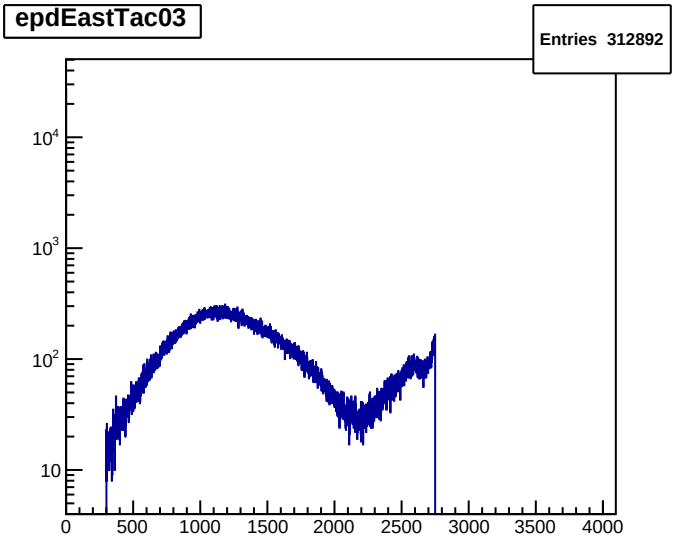
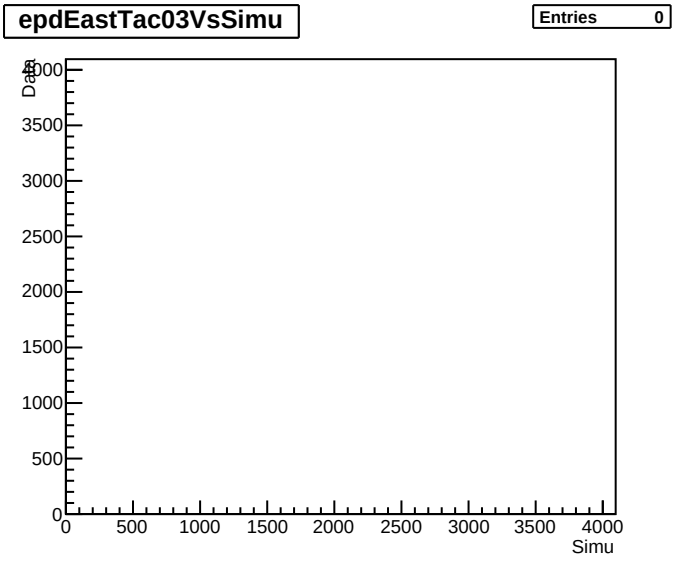
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 312892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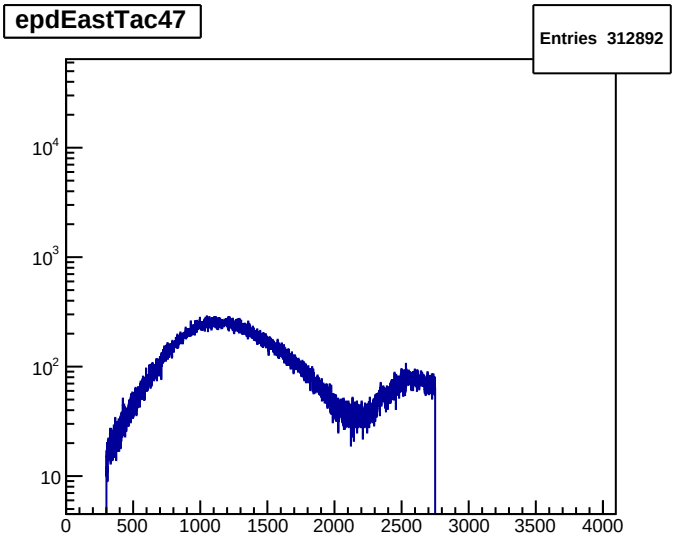
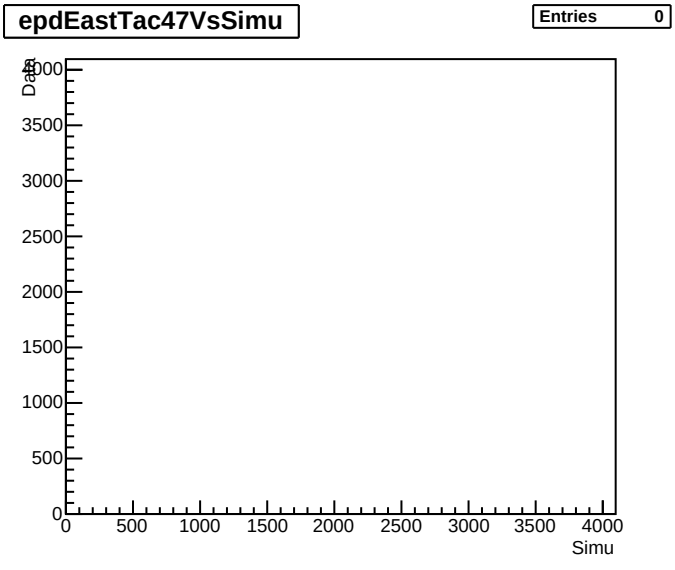
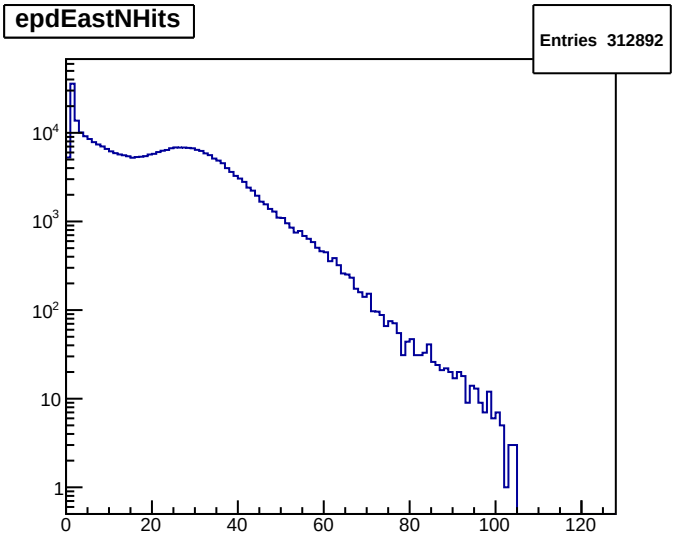
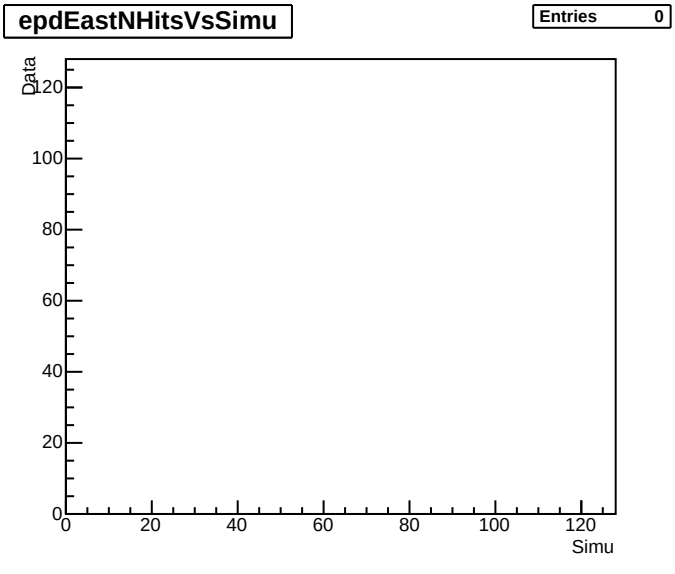
Entries 0
Data
Simu


epdEastTac47
Entries 312892


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 312892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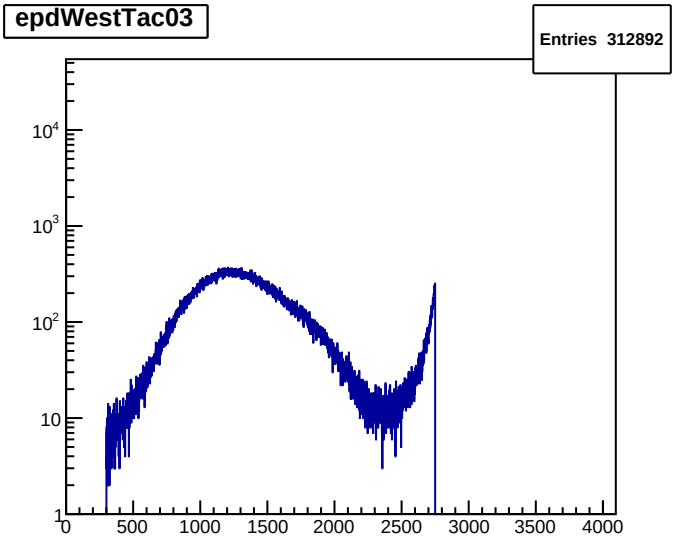
Entries 0
Data
Simu


epdWestTac03
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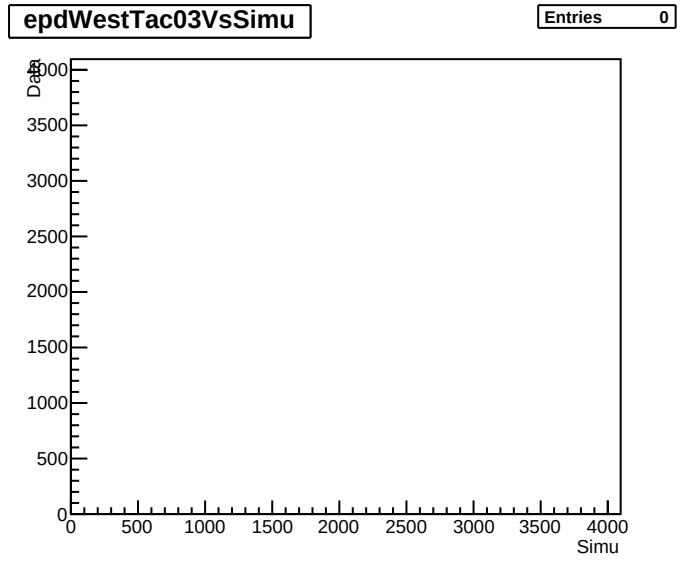
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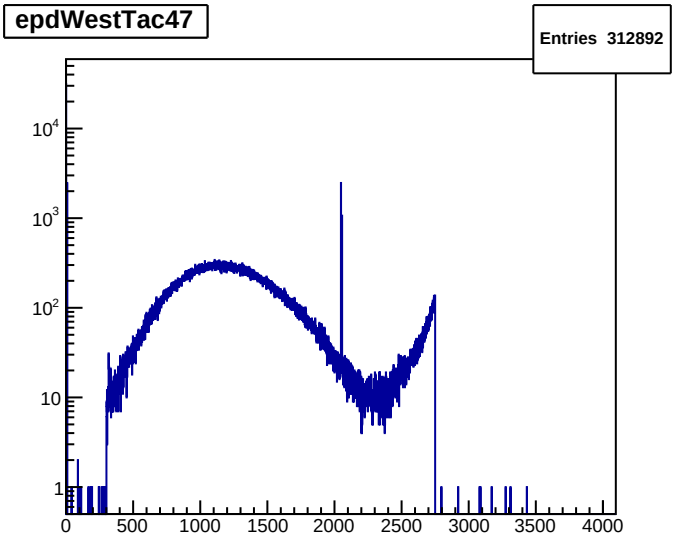
Entries 0
Data
Simu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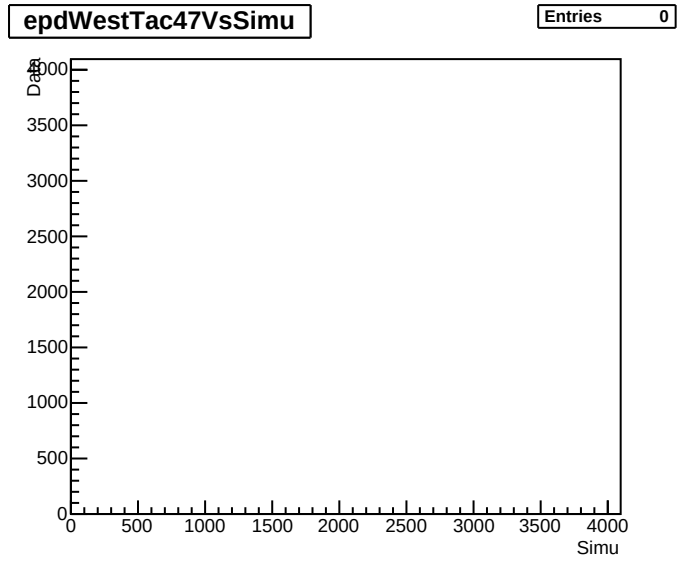
Entries 312892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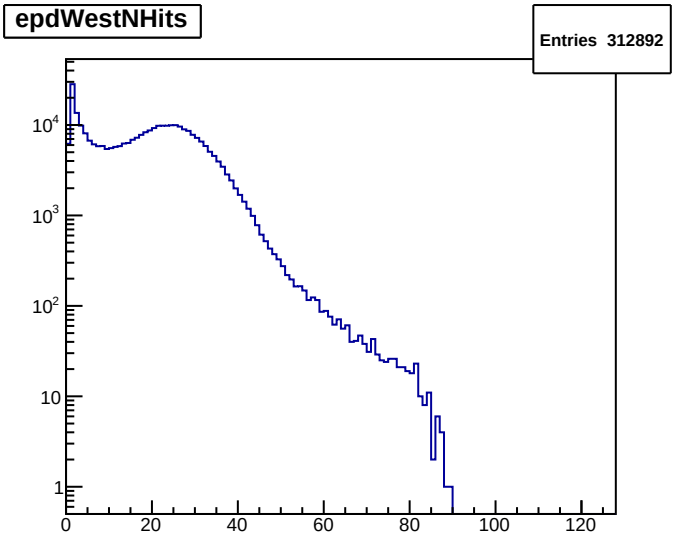
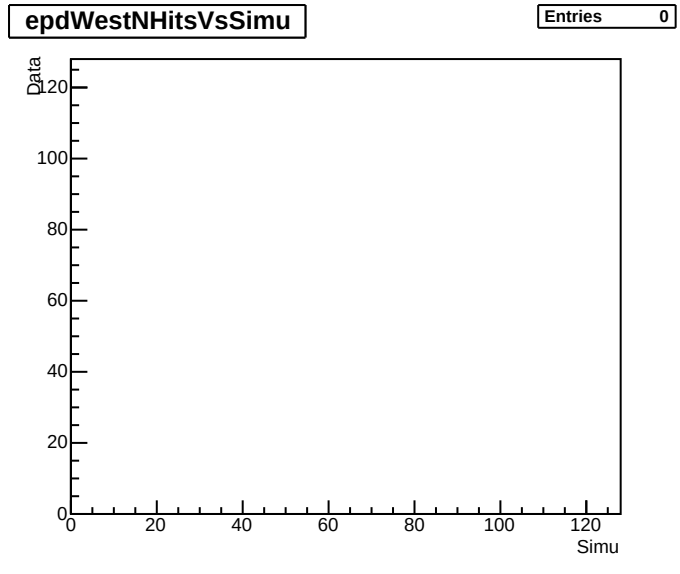
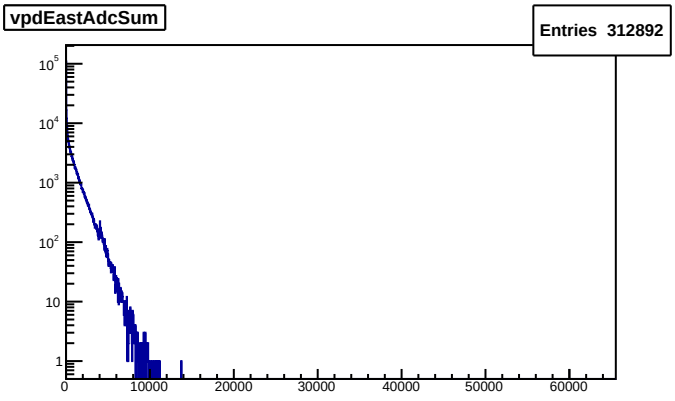
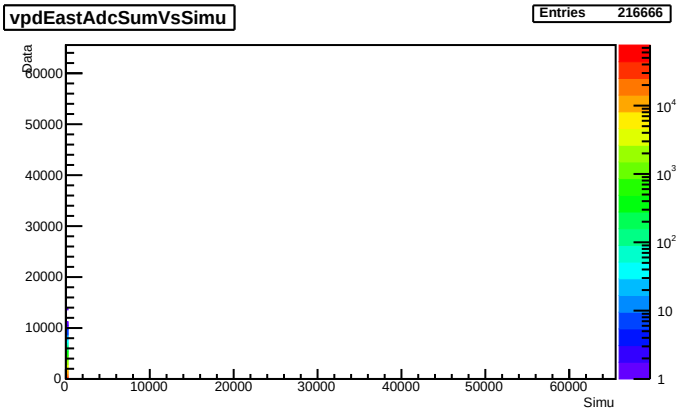
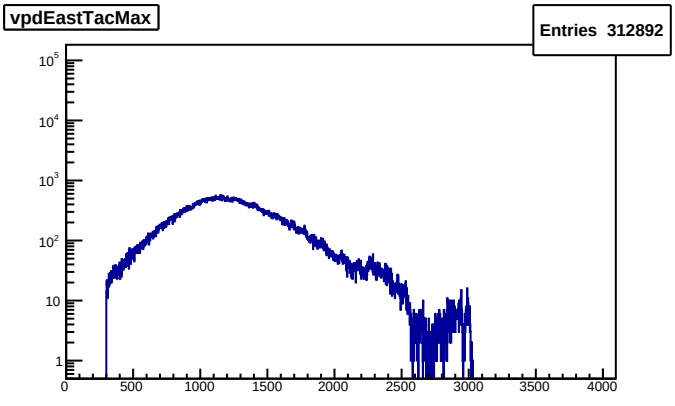
Entries 0
Data
Simu

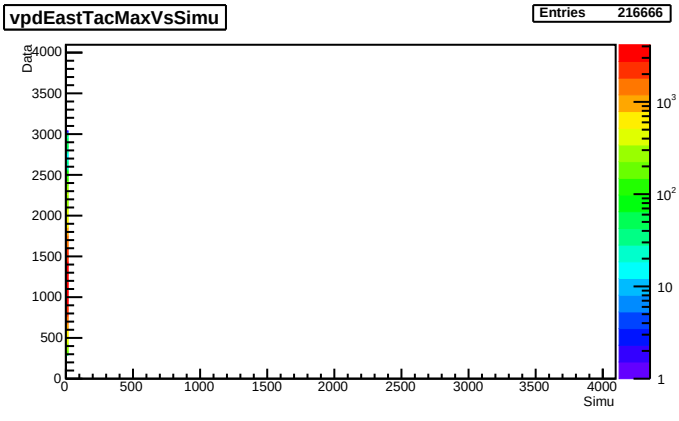

epdWestNHits
Entries 312892

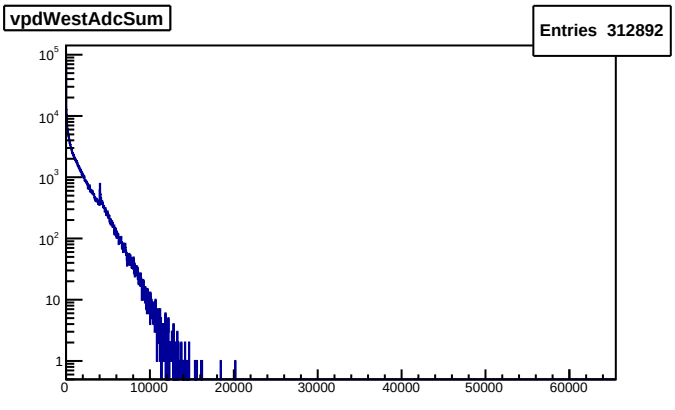

epdWestNHitsVsSimu
Entries 0
Data
Simu

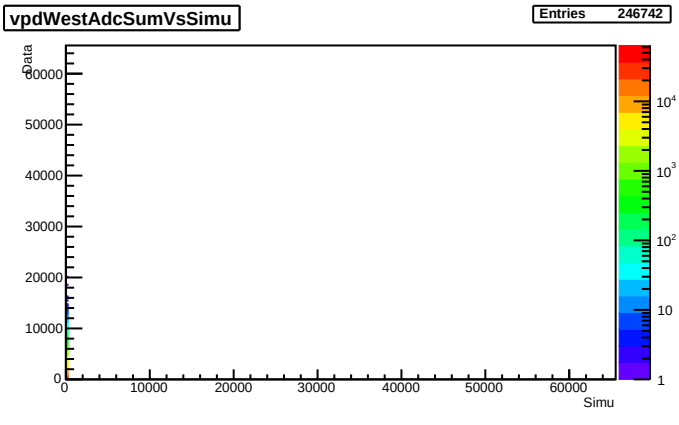

vpdEastAdcSum
Entries 312892

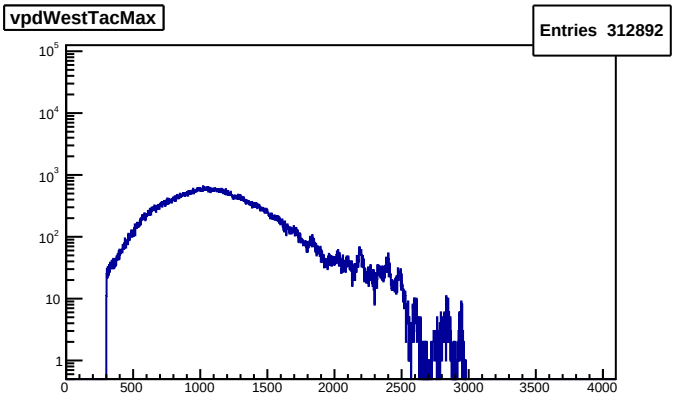

vpdEastAdcSumVsSimu
Entries 216666
Data
Simu

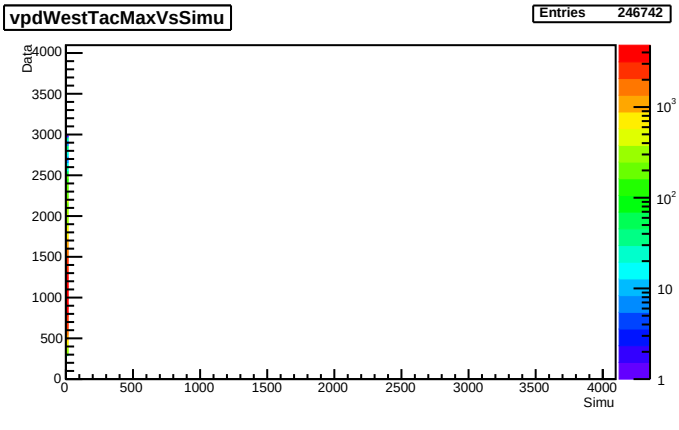

vpdEastTacMax
Entries 312892

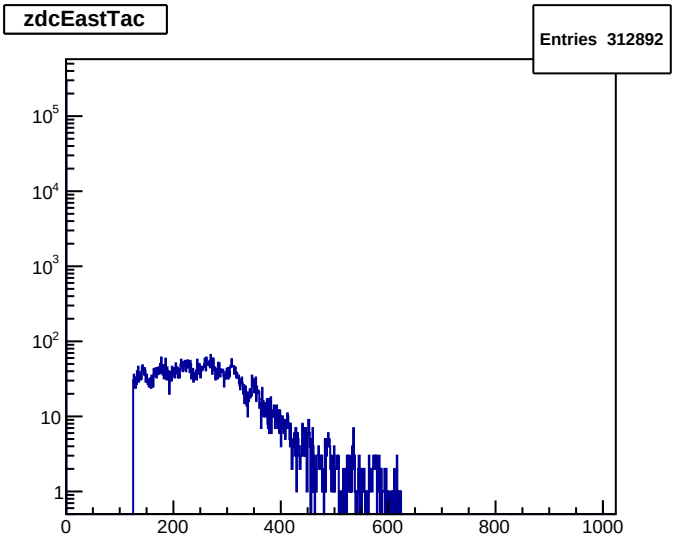

vpdEastTacMaxVsSimu
Entries 216666
Data
Simu

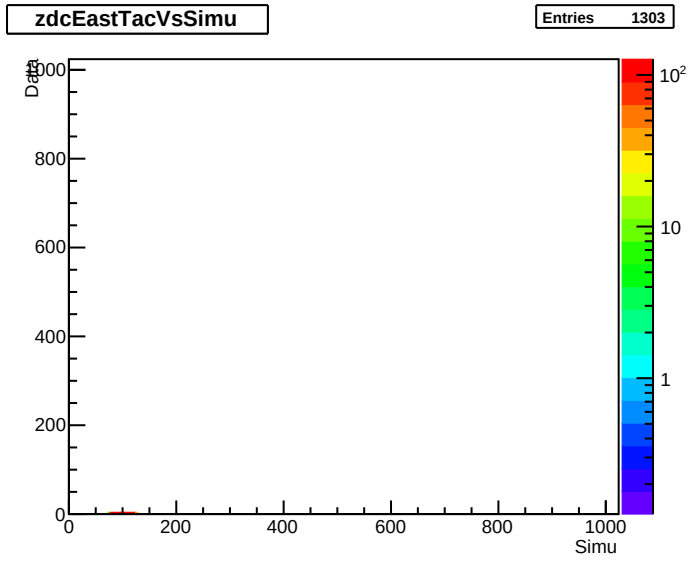

vpdWestAdcSum
Entries 312892

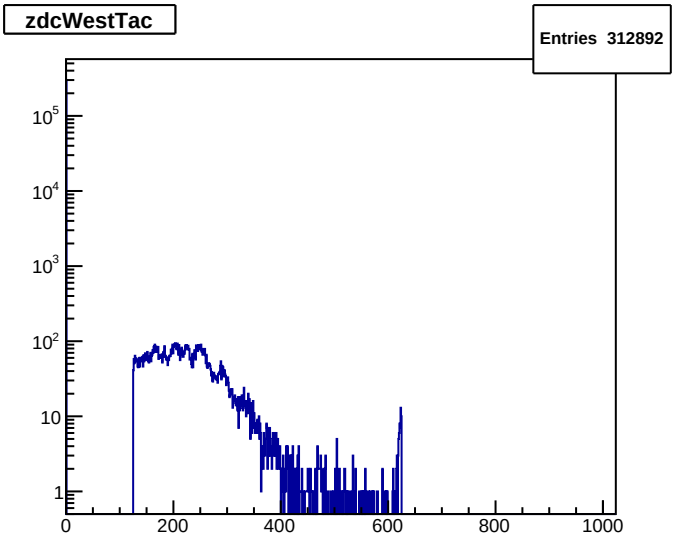

vpdWestAdcSumVsSimu
Entries 246742
Data
Simu

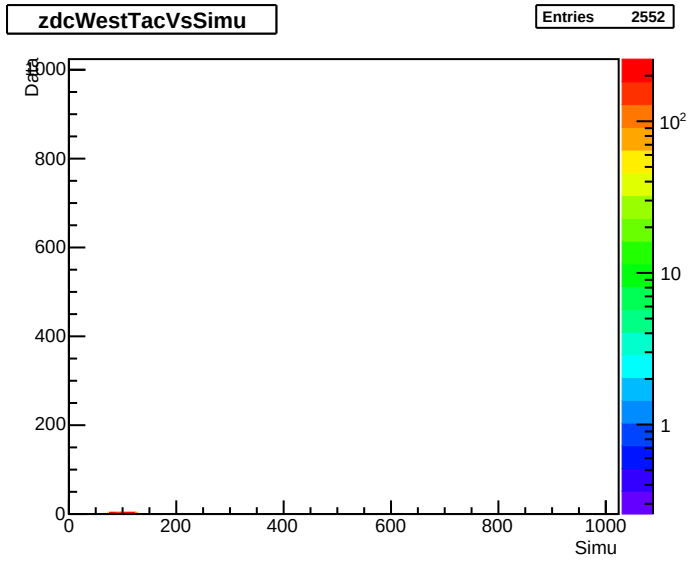

vpdWestTacMax
Entries 312892

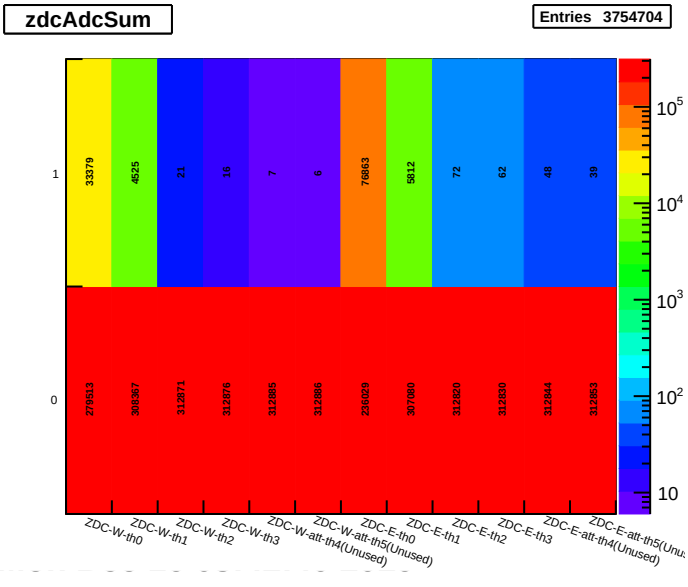

vpdWestTacMaxVsSimu
Entries 246742
Data
Simu

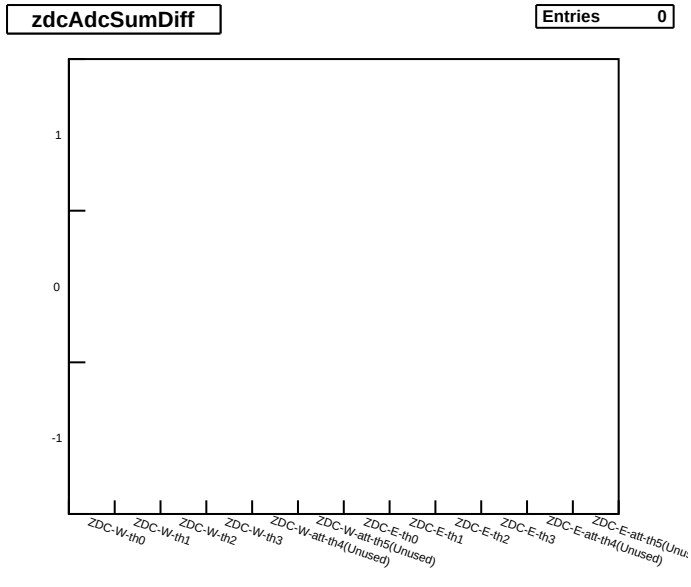

zdcEastTac
Entries 312892

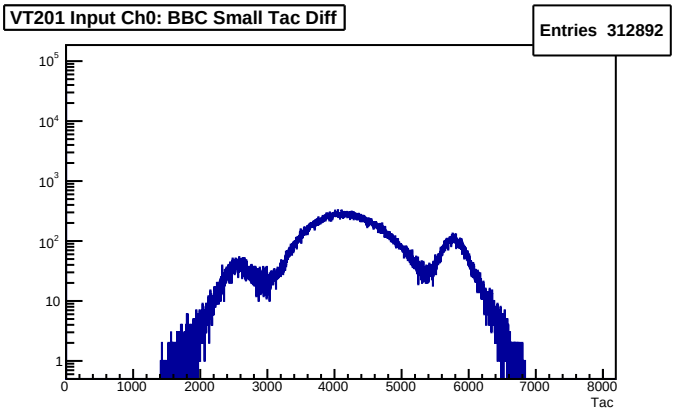

zdcEastTacVsSimu
Entries 1303
Data
Simu

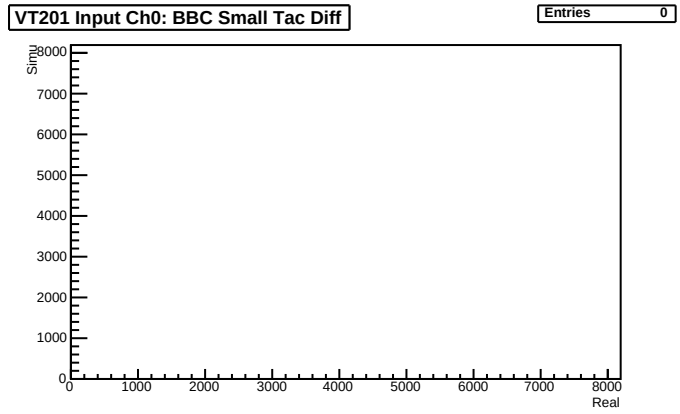

zdcWestTac
Entries 312892

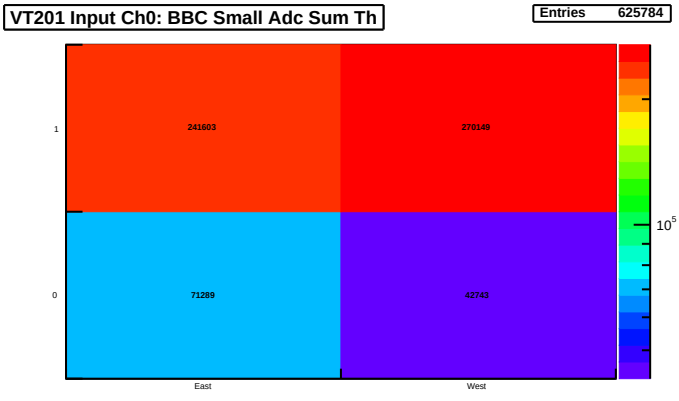

zdcWestTacVsSimu
Entries 2552
Data
Simu

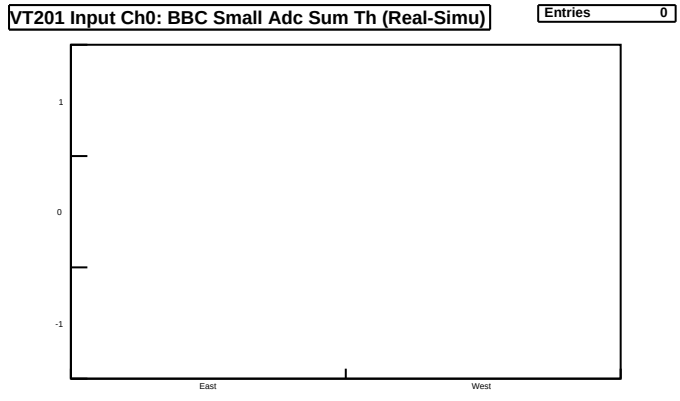

zdcAdcSum
Entries 3754704
33379
4525
21
16
7
6
76863
5812
72
62
48
39
279513
308367
312871
312876
312885
312886
236029
307080
312820
312830
312844
312853
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

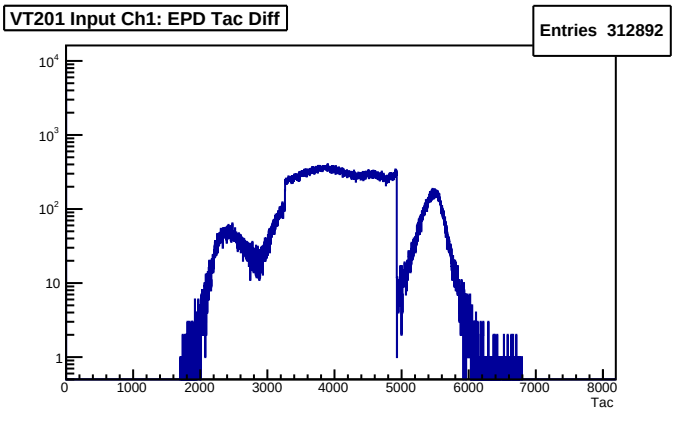

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

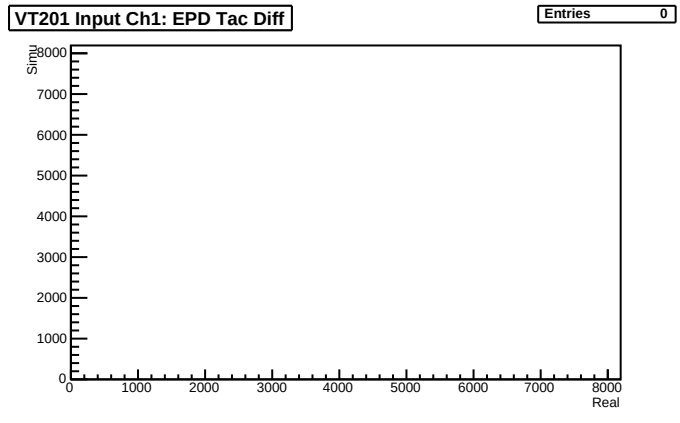

VT201 Input Ch0: BBC Small Tac Diff
Entries 312892
Tac

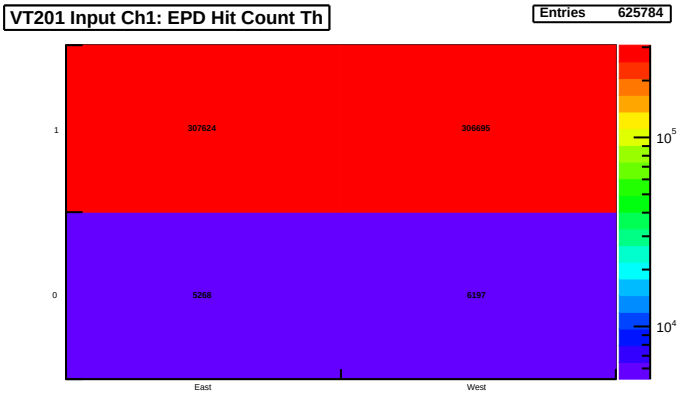

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

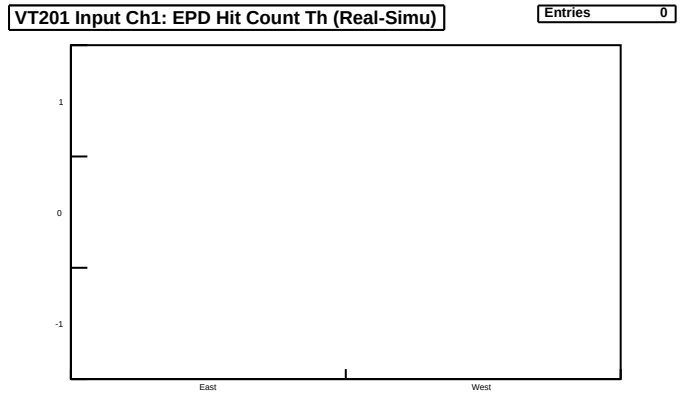

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 625784
241603
270149
71289
42743
East
West

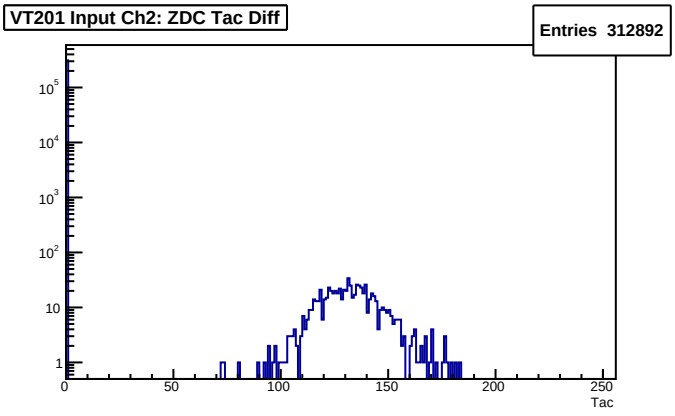

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

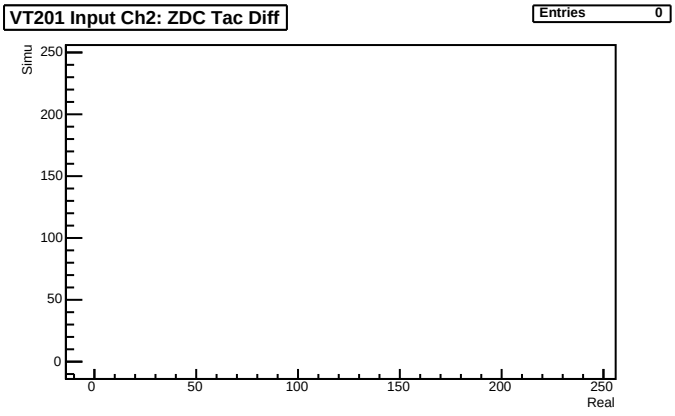

VT201 Input Ch1: EPD Tac Diff
Entries 312892
Tac

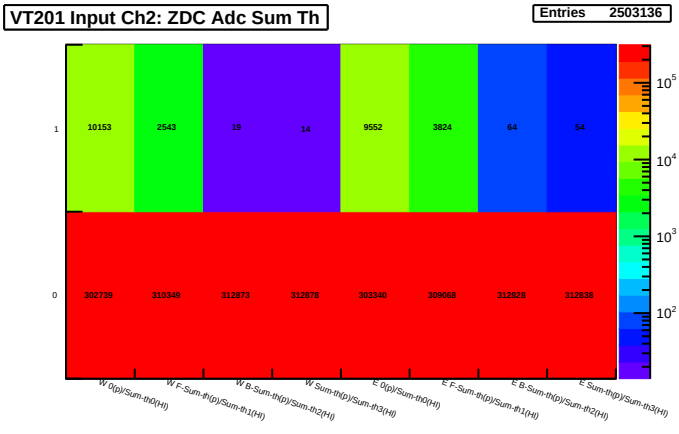

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

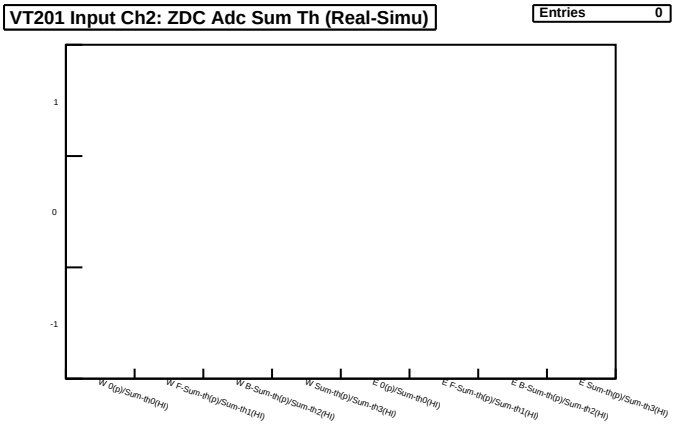

VT201 Input Ch1: EPD Hit Count Th
Entries 625784
307624
306695
5268
6197
East
West

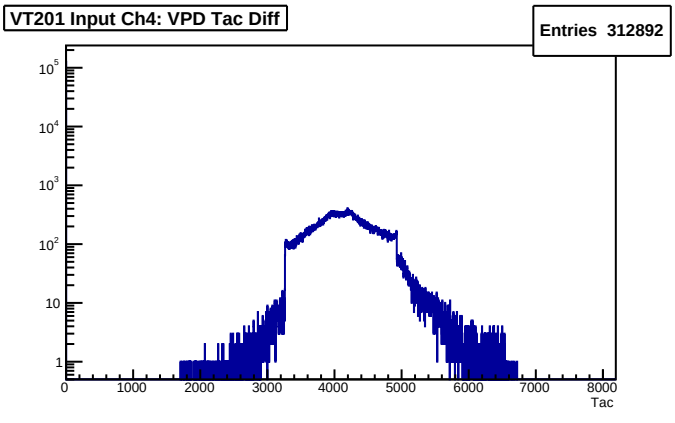

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

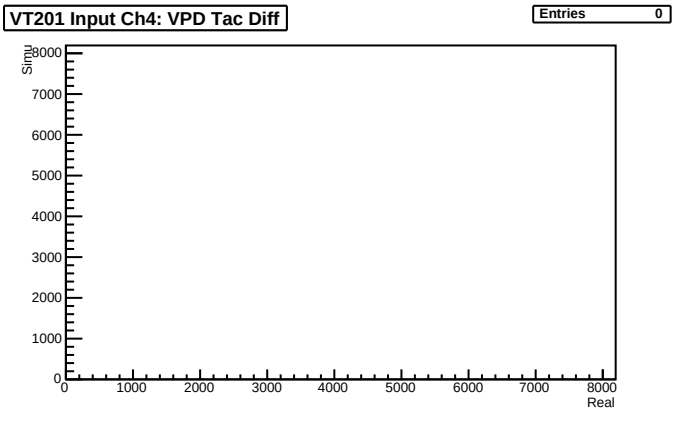

VT201 Input Ch2: ZDC Tac Diff
Entries 312892
Tac

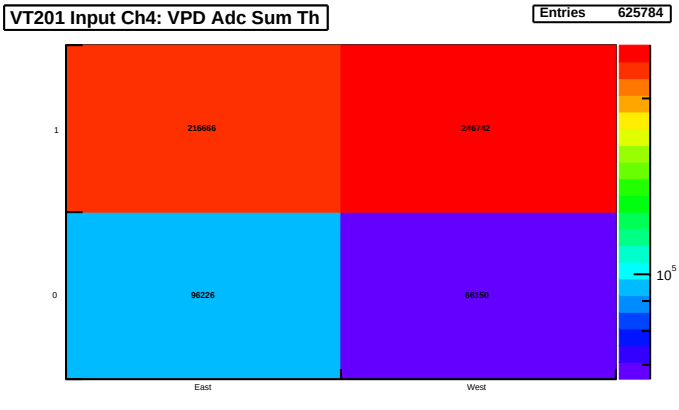

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

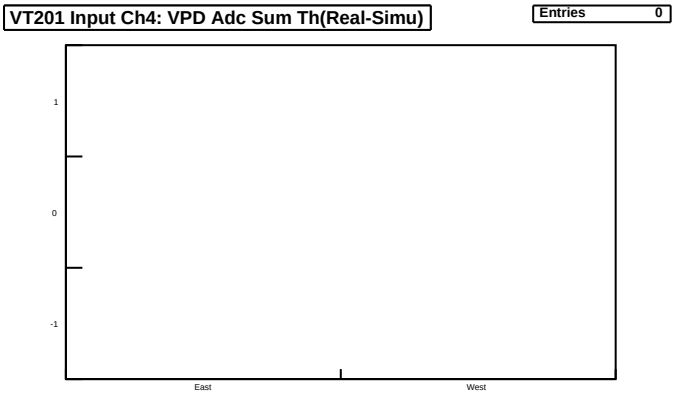

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2503136
10153
2543
19
14
9552
3824
64
54
302739
310349
312873
312878
303340
309068
312828
312838
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

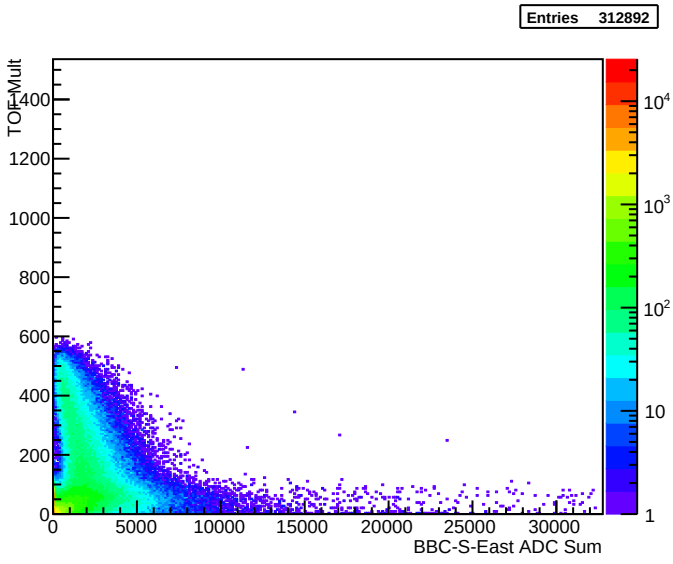

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

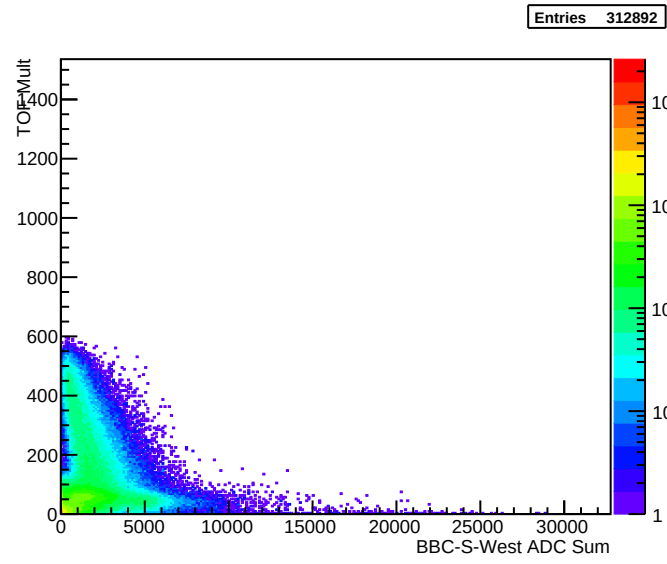

VT201 Input Ch4: VPD Tac Diff
Entries 312892
Tac

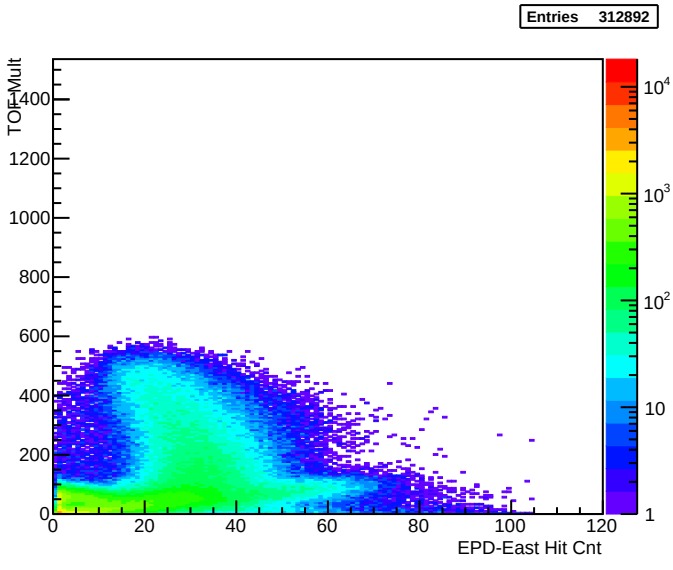

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

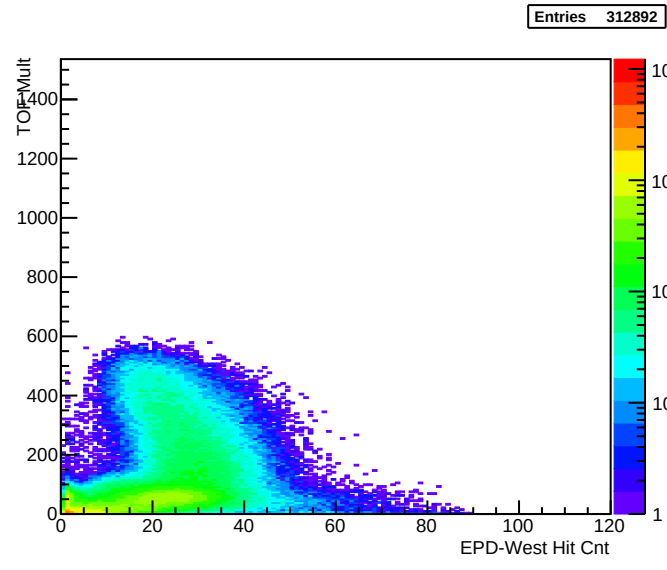

VT201 Input Ch4: VPD Adc Sum Th
Entries 625784
216666
240742
96226
66150
East
West

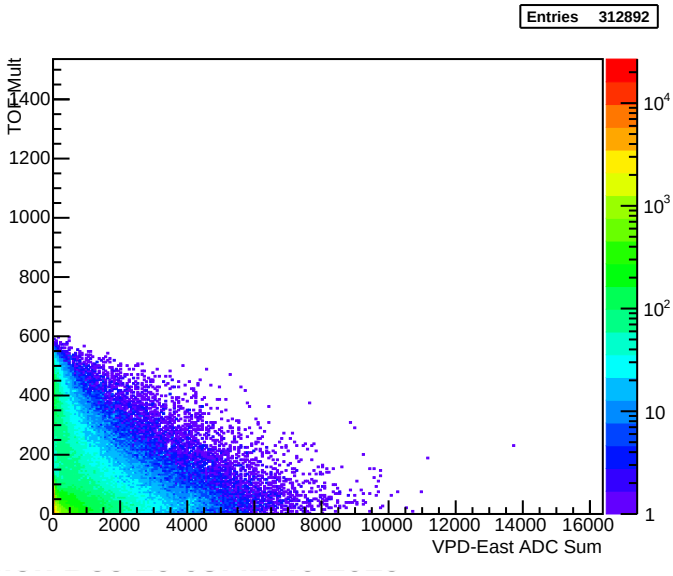

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

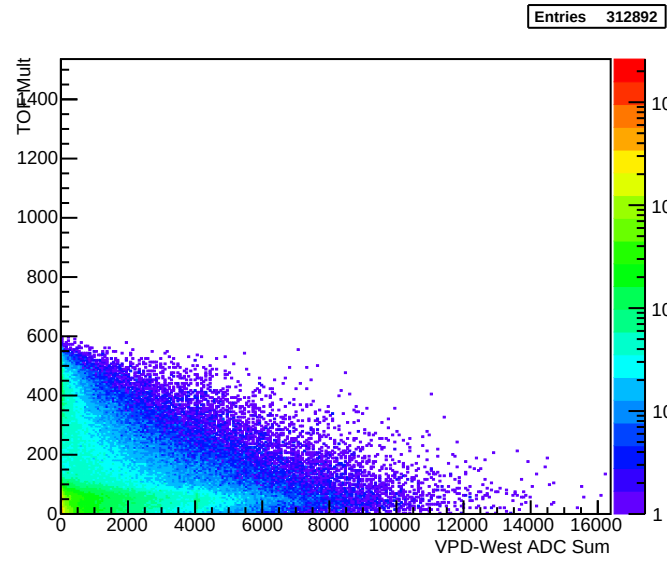

Entries 312892
TOF-Mult
BBC-S-East ADC Sum

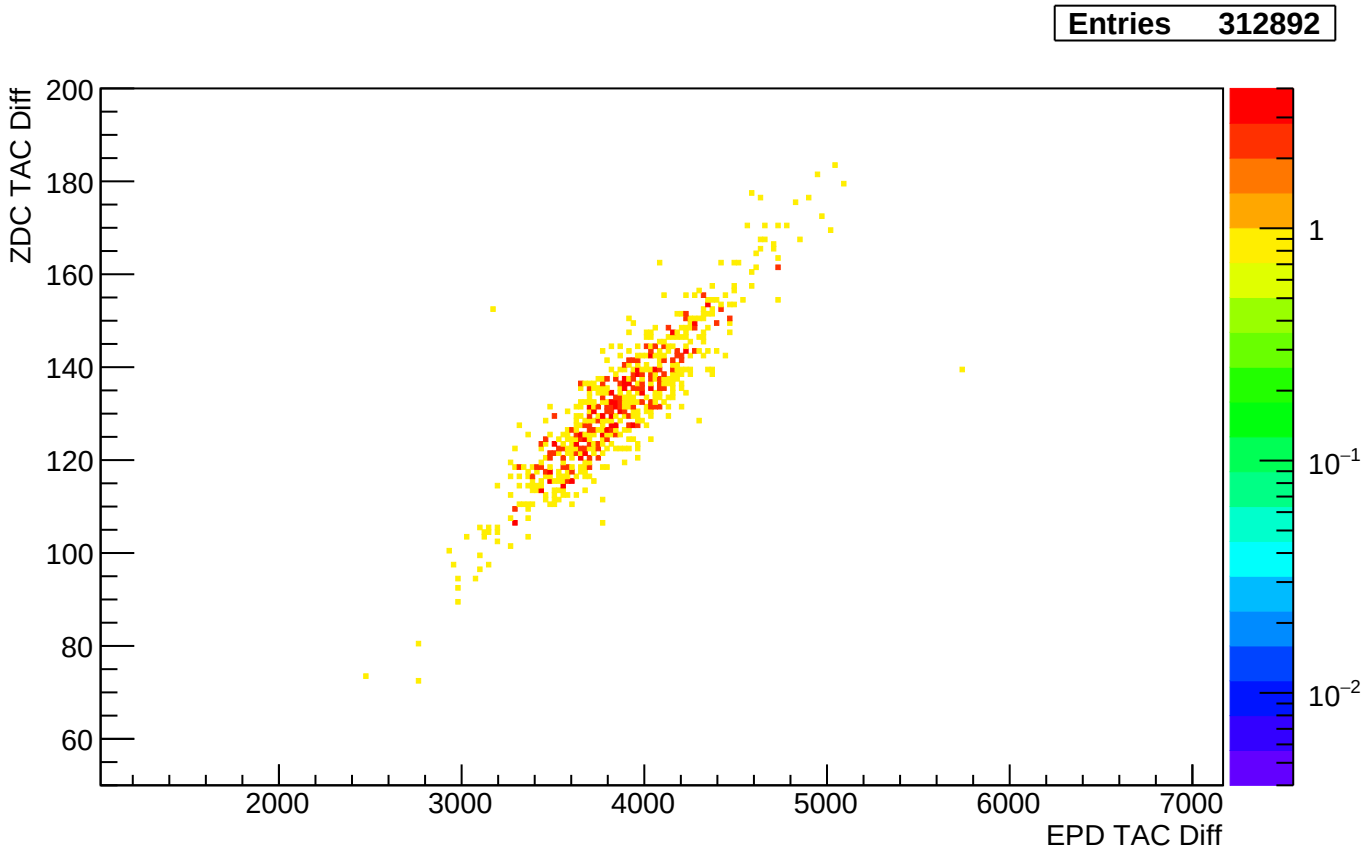

Entries 312892
TOF-Mult
BBC-S-West ADC Sum

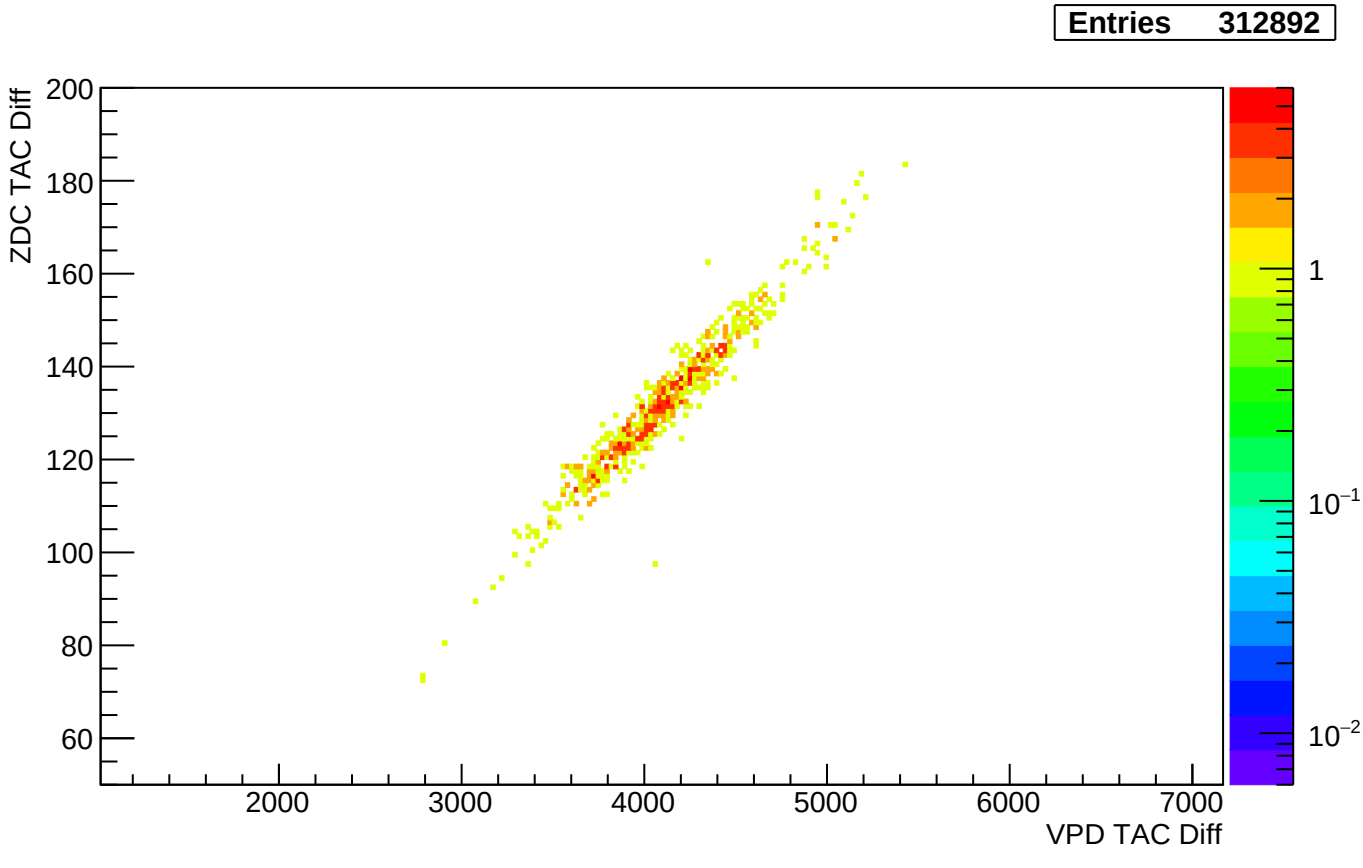

Entries 312892
TOF-Mult
EPD-East Hit Cnt

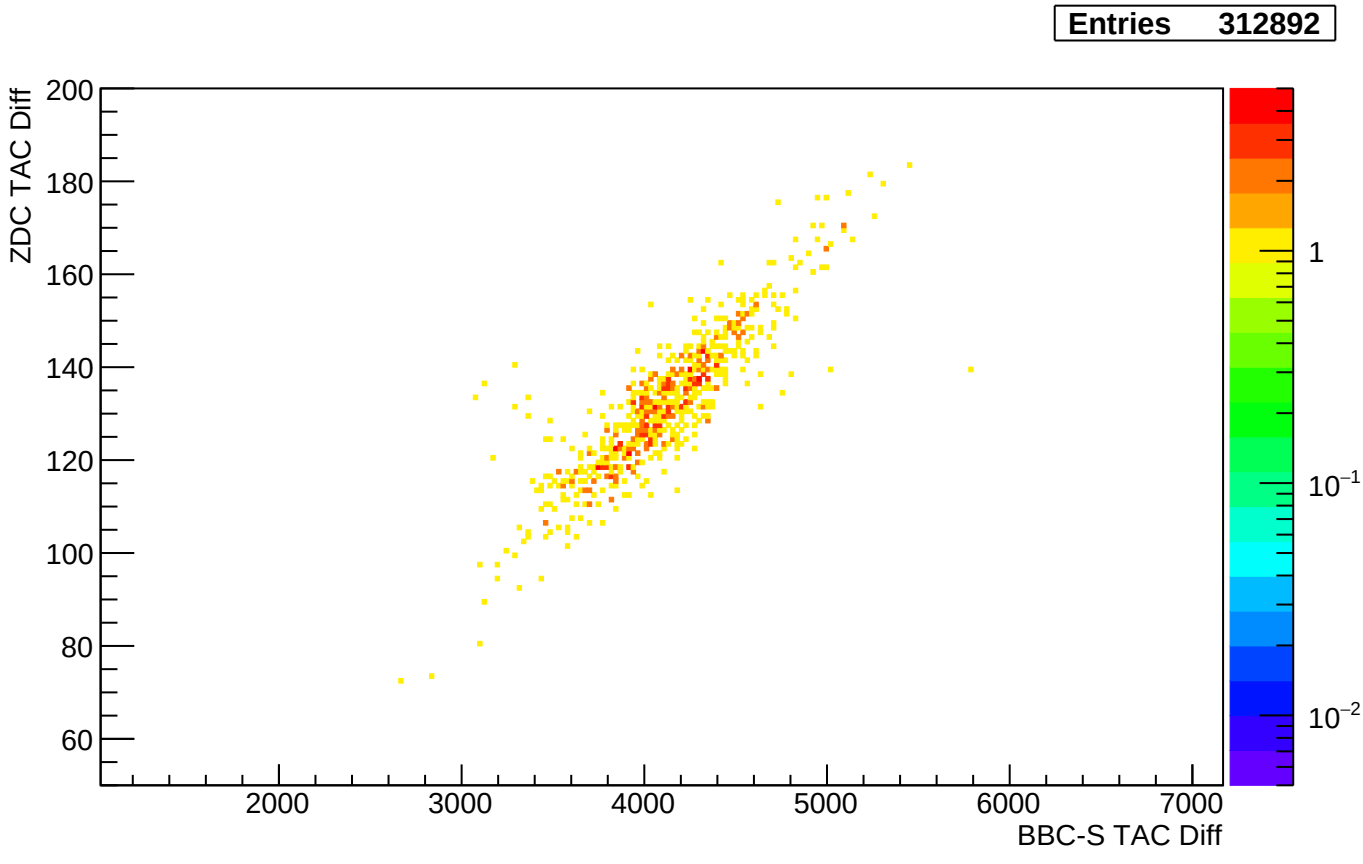

Entries 312892
TOF-Mult
EPD-West Hit Cnt

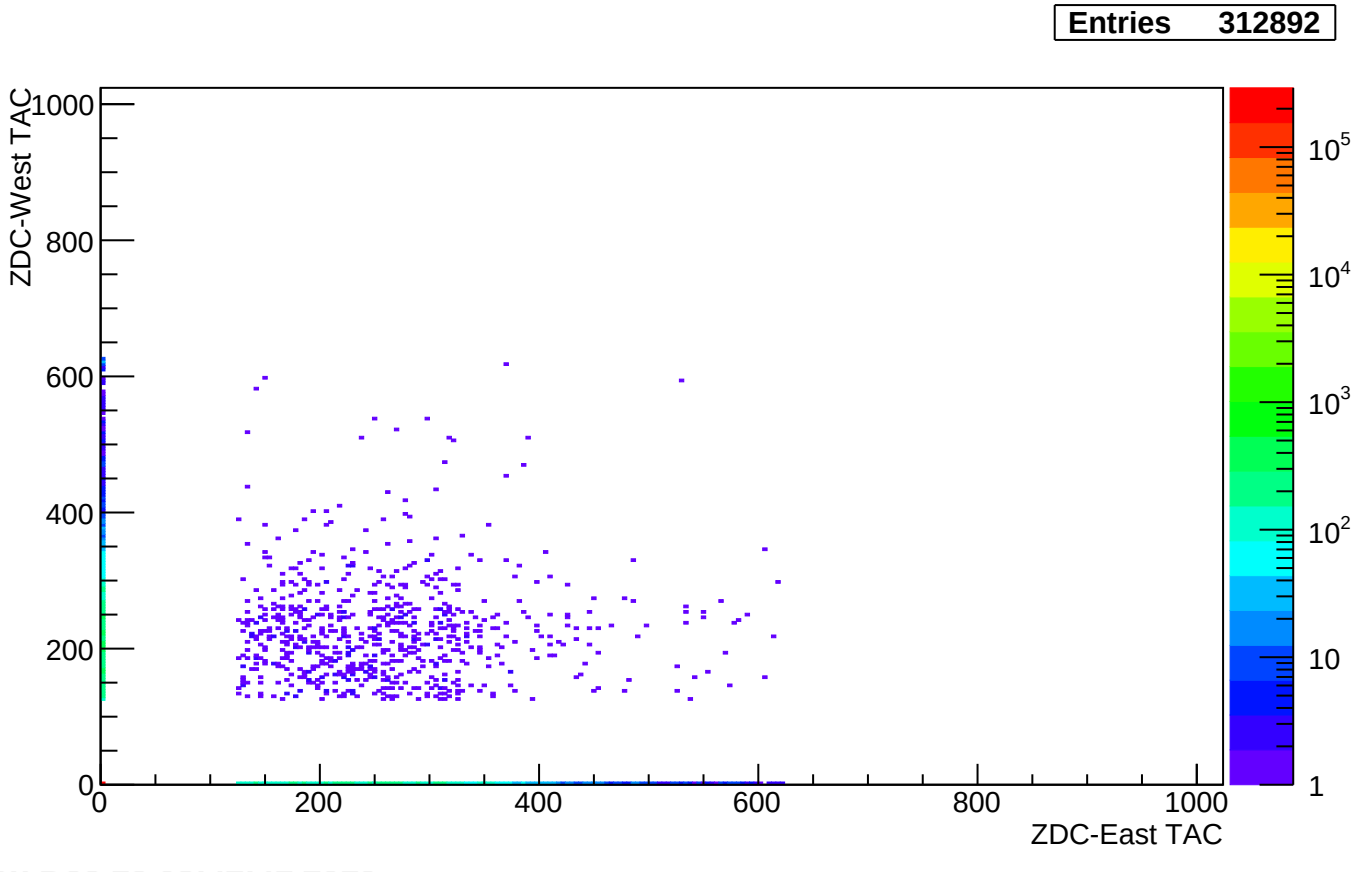

Entries 312892
TOF-Mult
VPD-East ADC Sum

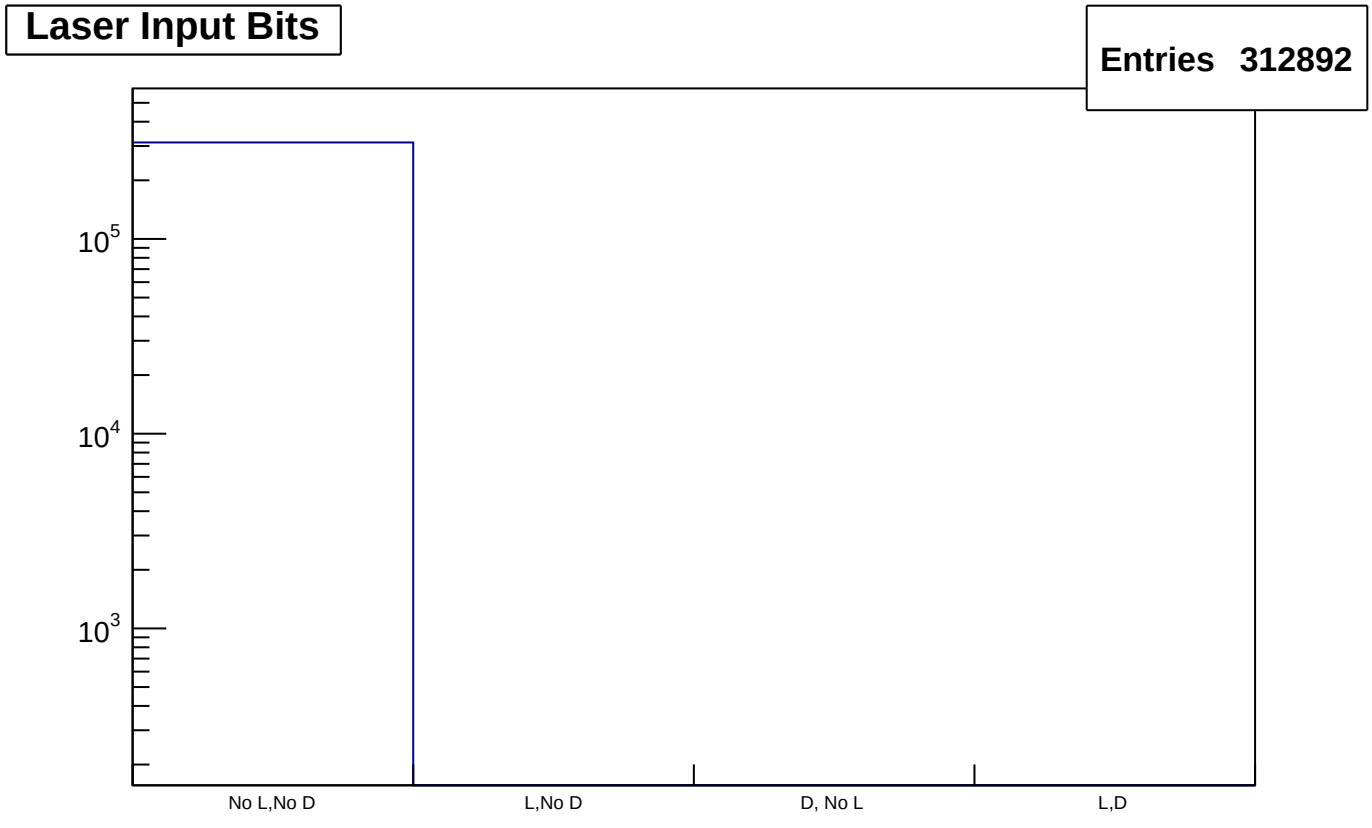

Entries 312892
TOF-Mult
VPD-West ADC Sum

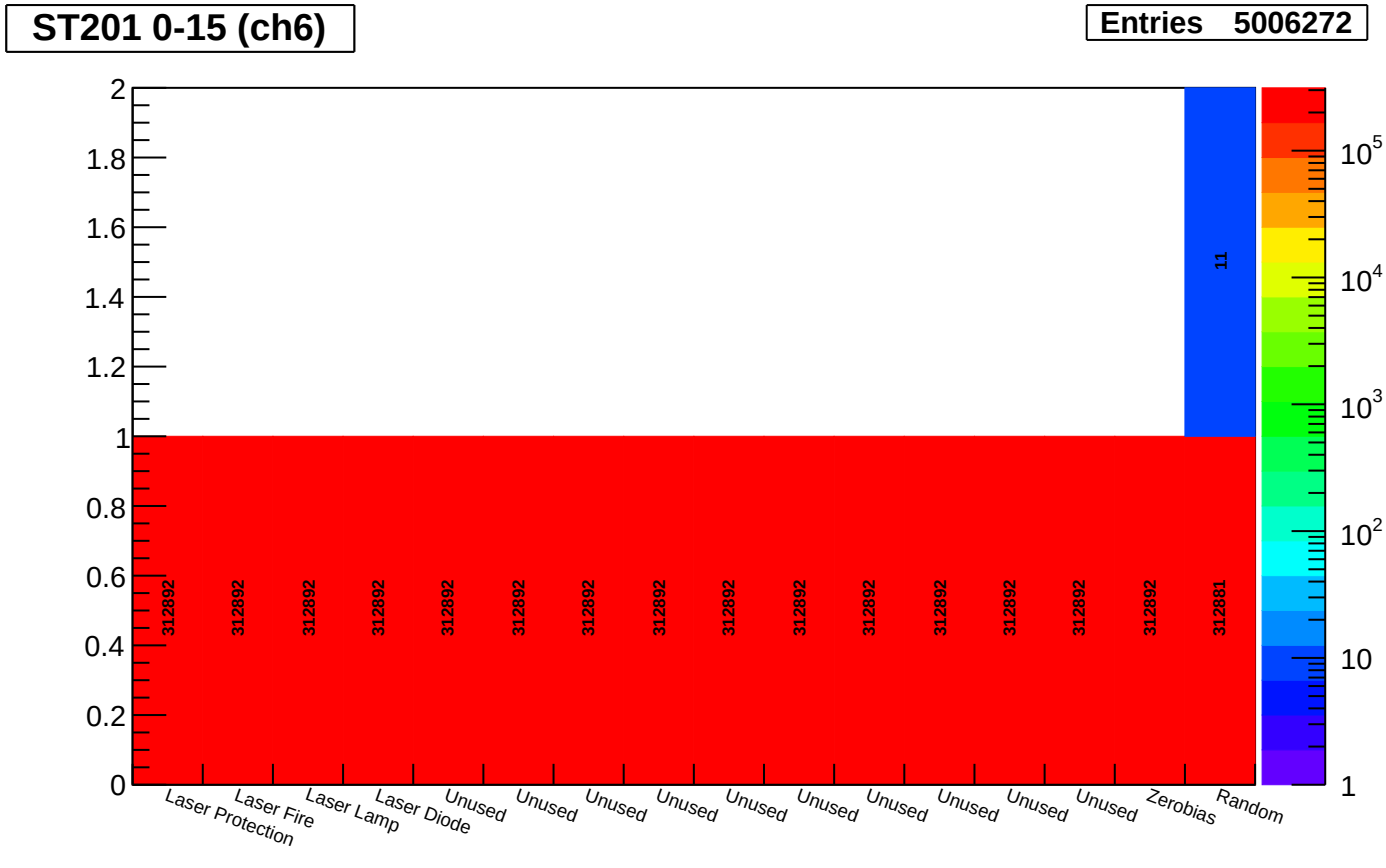

Entries 312892
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

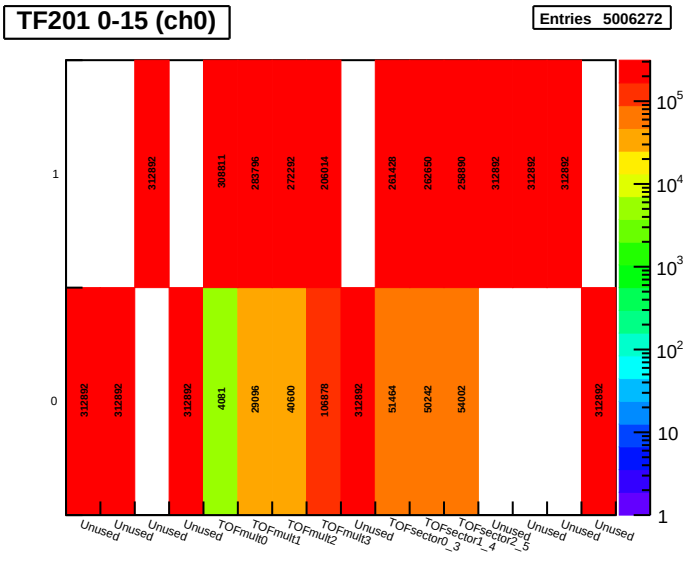

Entries 312892
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

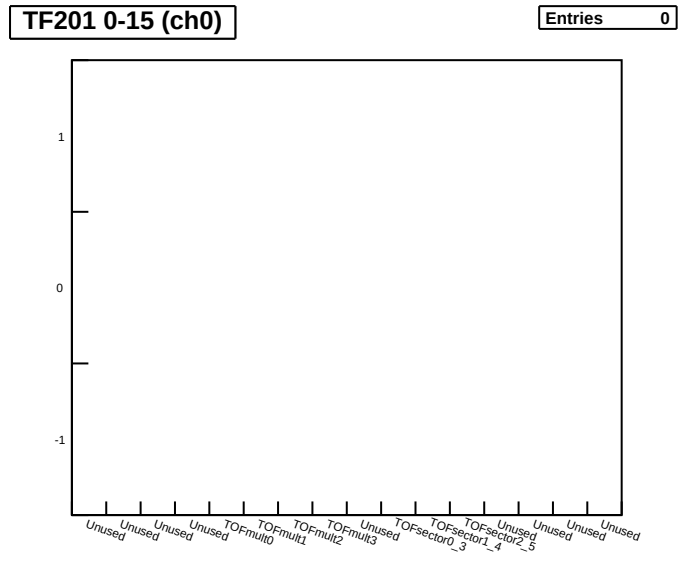

Entries 312892
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

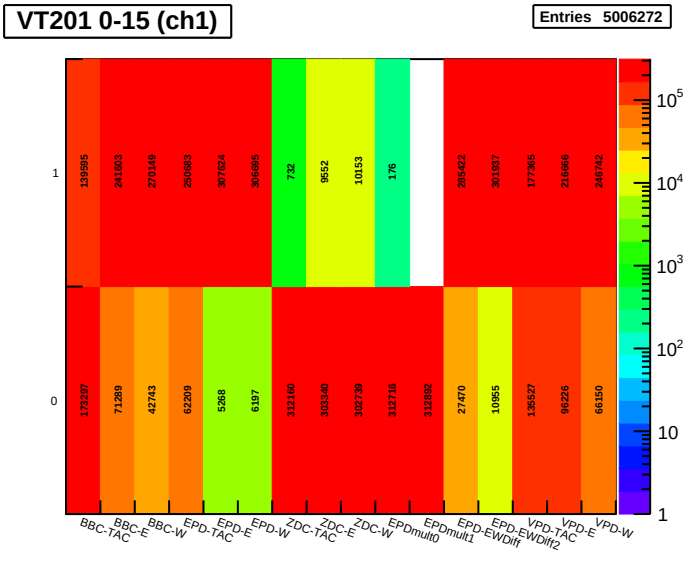

Entries 312892
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

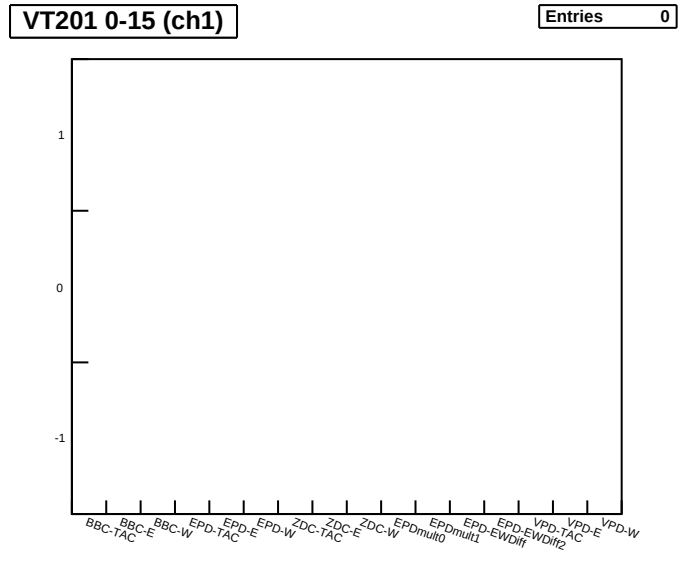

Laser Input Bits
Entries 312892
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

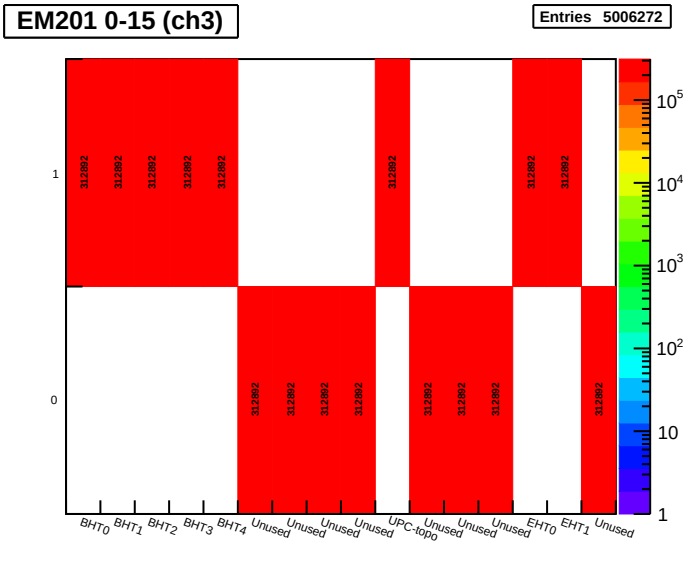

ST201 0-15 (ch6)
Entries 5006272
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
312892
312892
312892
312892
312892
312892
312892
312892
312892
312892
312892
312892
312892
312892
312892
312881
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

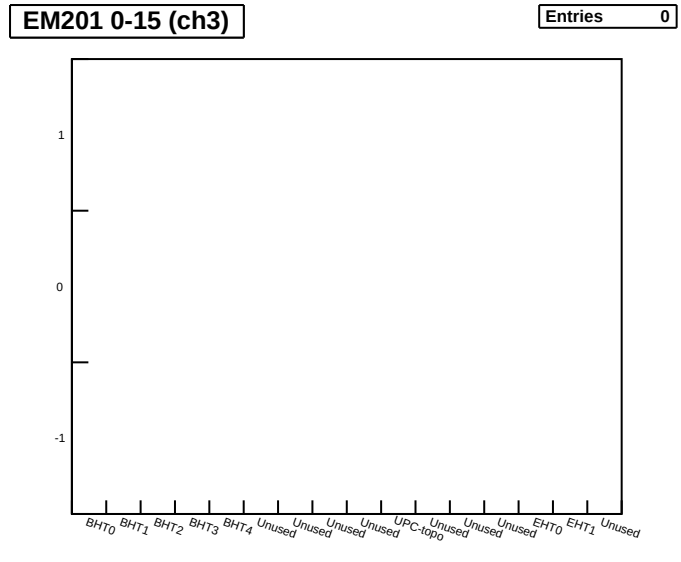

TF201 0-15 (ch0)
Entries 5006272
1
0
312892
309811
283796
272292
296014
261428
292650
298890
312892
312892
312892
312892
312892
4081
29096
40600
106878
312892
51464
50242
54002
312892
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5006272
1
0
139995
241603
270149
250683
307624
306695
732
9552
10153
176
285422
301937
177365
216666
246742
173297
71289
42743
62209
5268
6197
312160
303340
302739
312716
312892
27470
10955
135527
96226
66150
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 5006272
1
0
312892
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