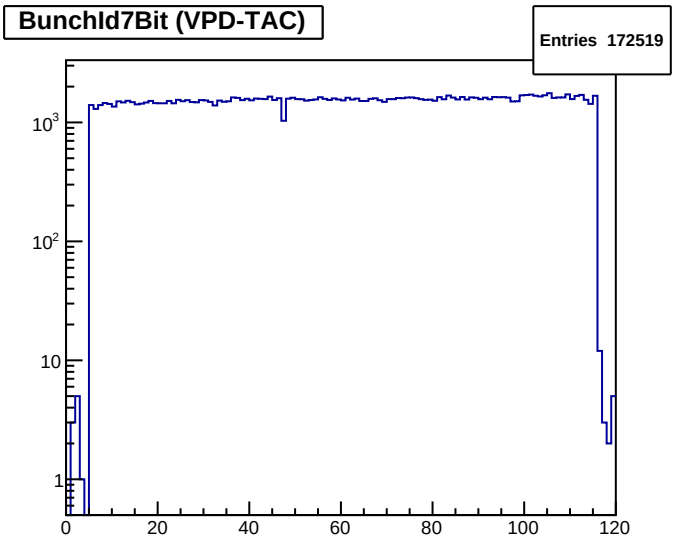
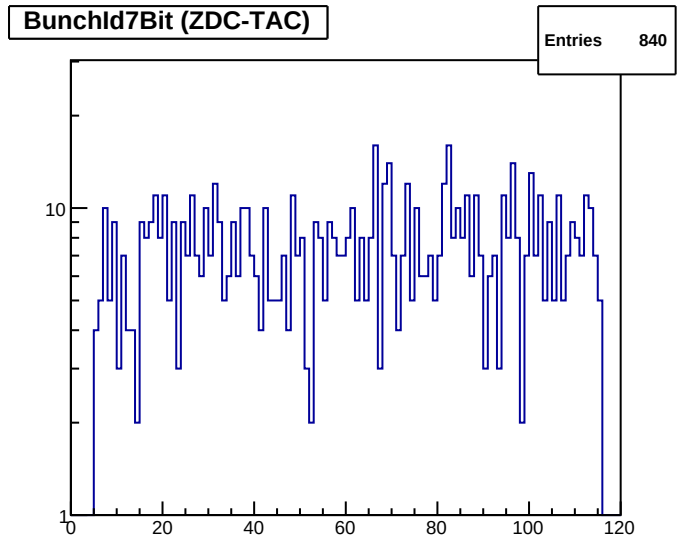
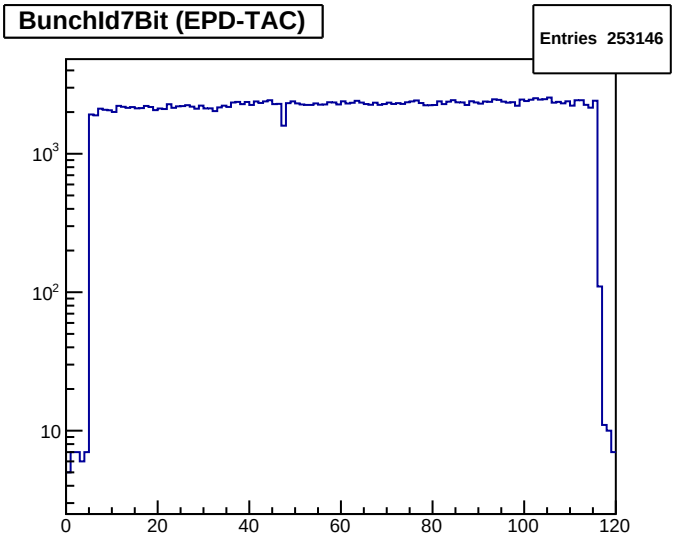
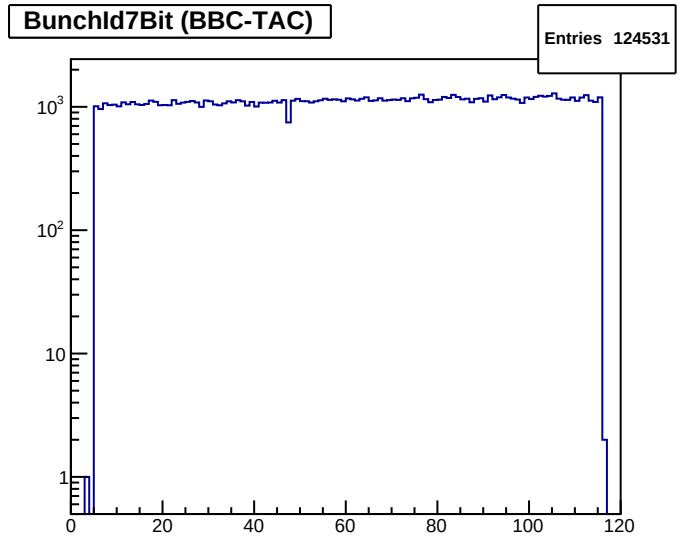
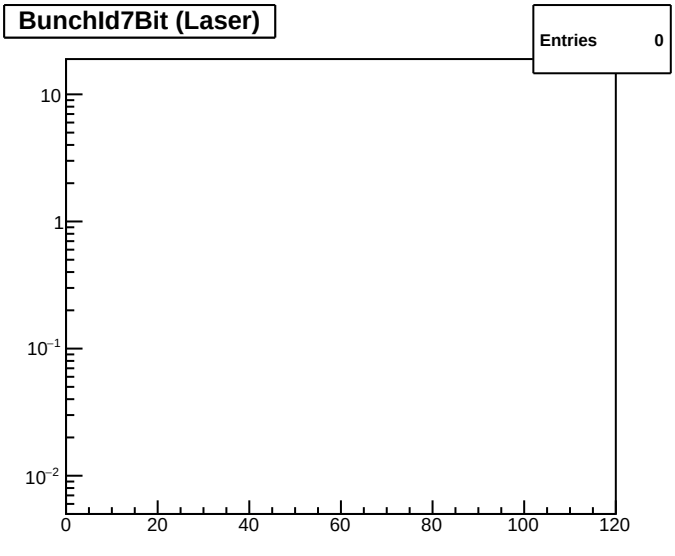
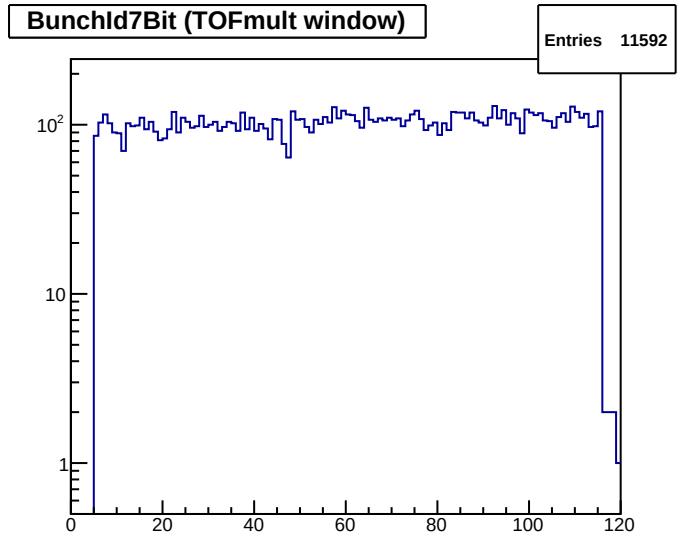

BunchId7Bit (VPD-TAC)
Entries 172519

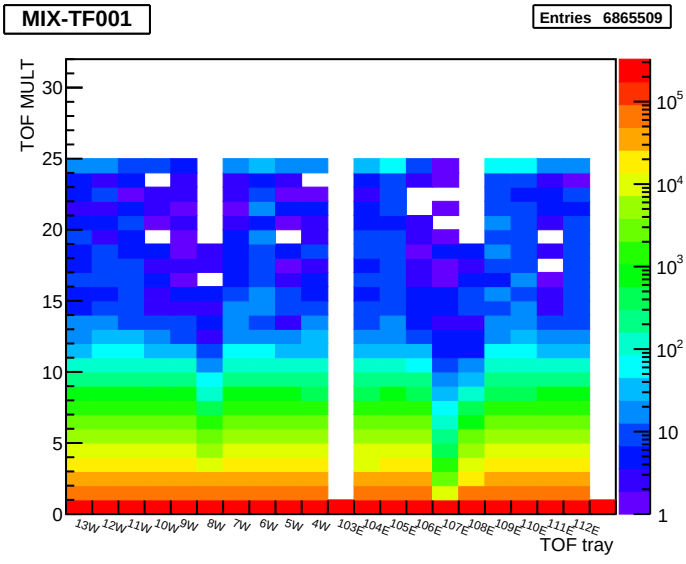

BunchId7Bit (ZDC-TAC)
Entries 840

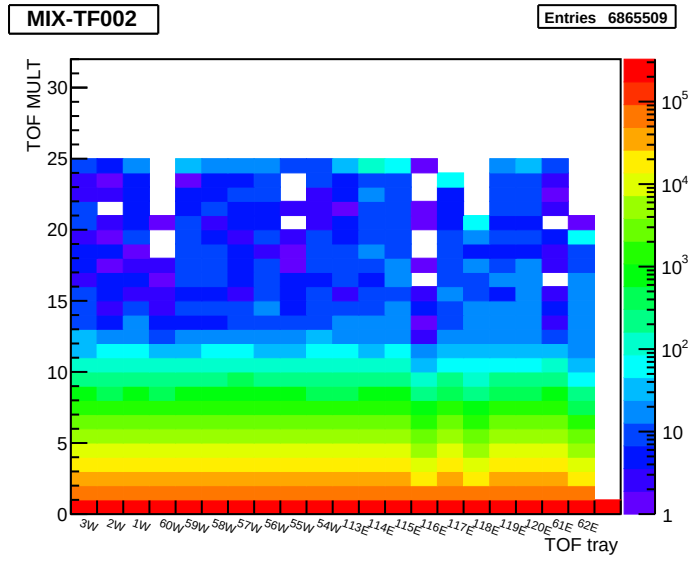

BunchId7Bit (EPD-TAC)
Entries 253146

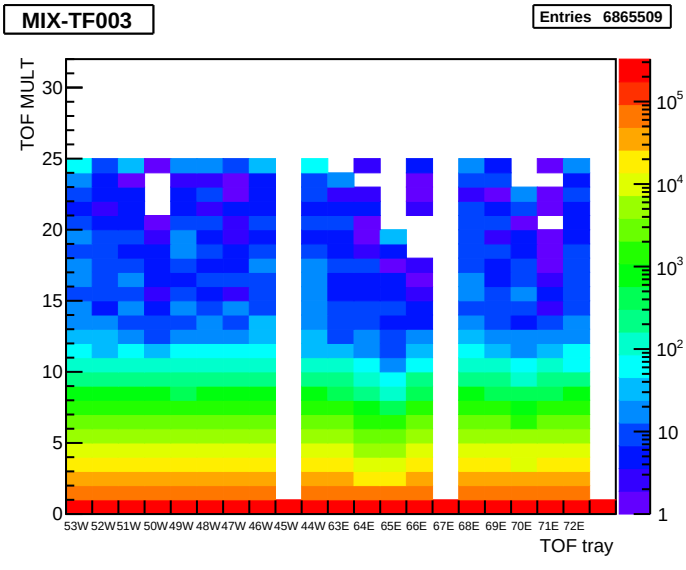

BunchId7Bit (BBC-TAC)
Entries 124531

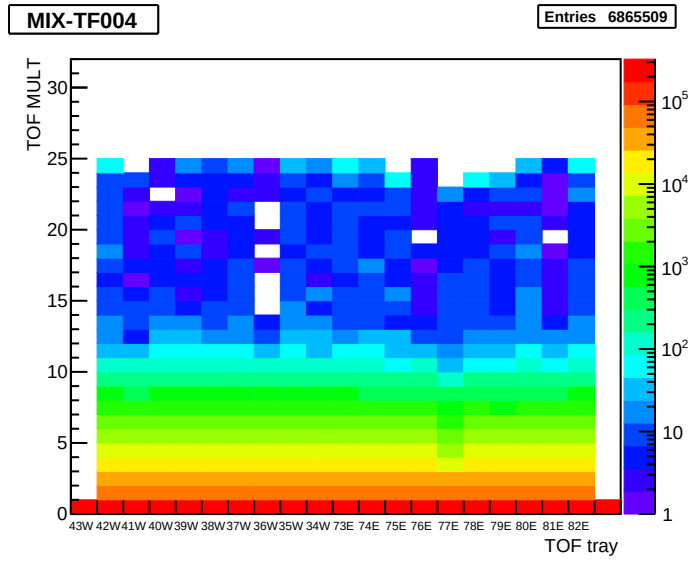

BunchId7Bit (Laser)
Entries 0

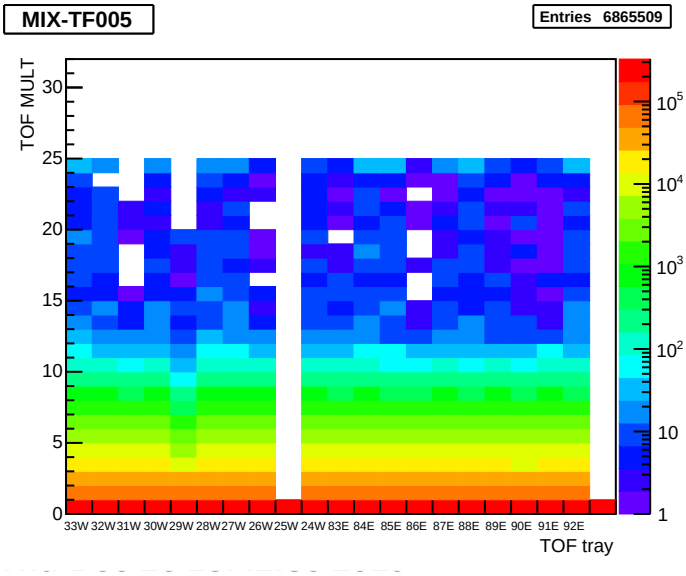

BunchId7Bit (TOFmult window)
Entries 11592

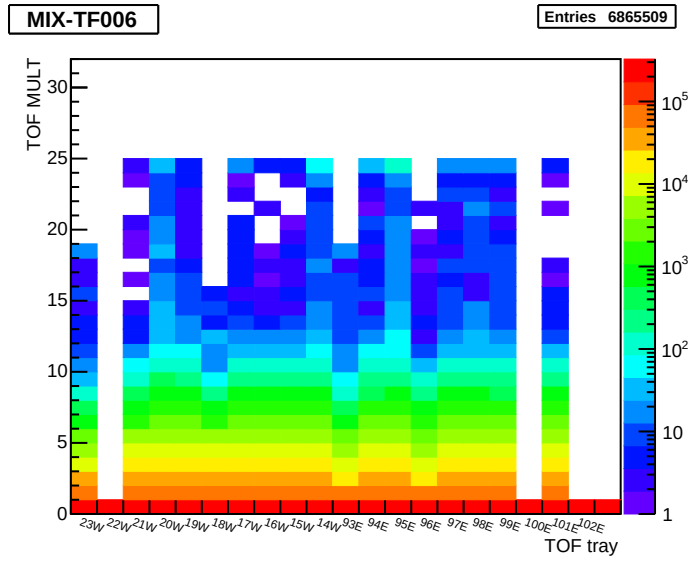

MIX-TF001
Entries 6865509
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

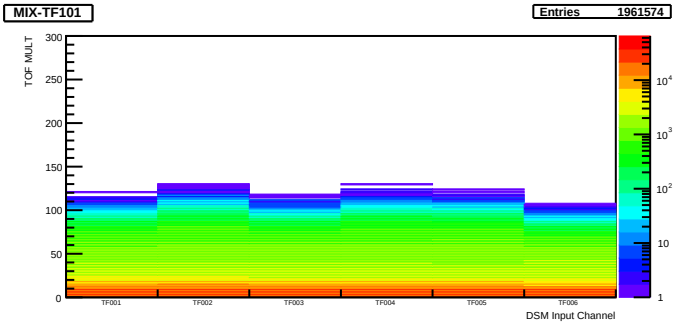

MIX-TF002
Entries 6865509
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

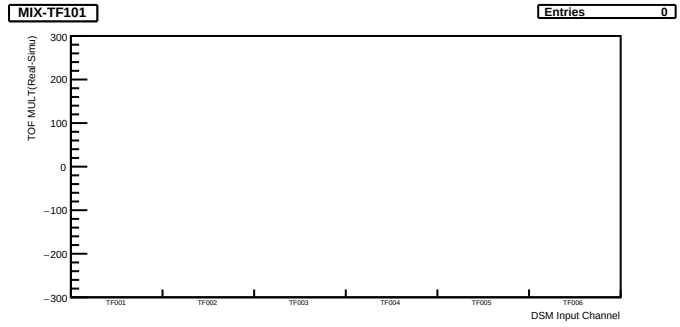

MIX-TF003
Entries 6865509
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

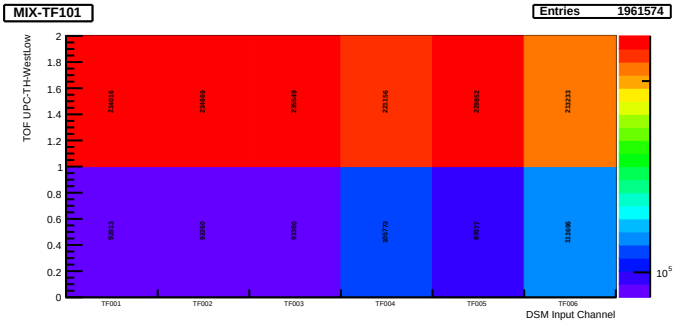

MIX-TF004
Entries 6865509
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

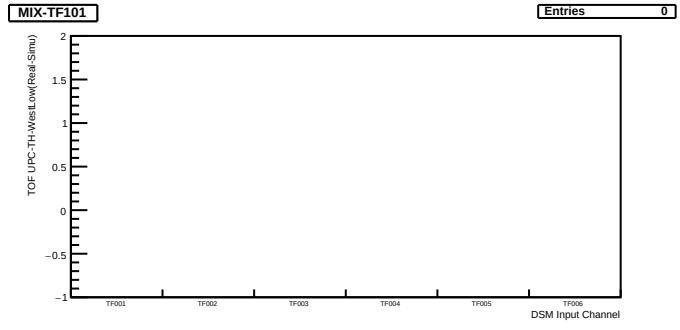

MIX-TF005
Entries 6865509
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

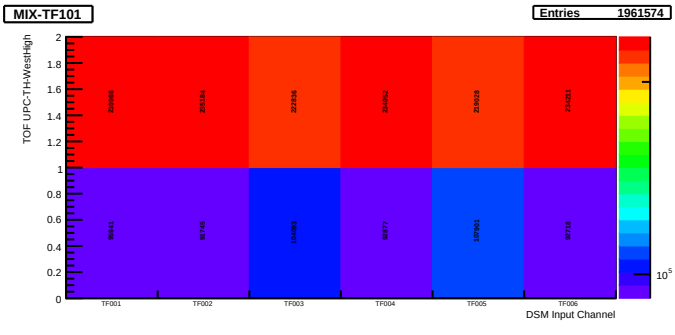

MIX-TF006
Entries 6865509
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

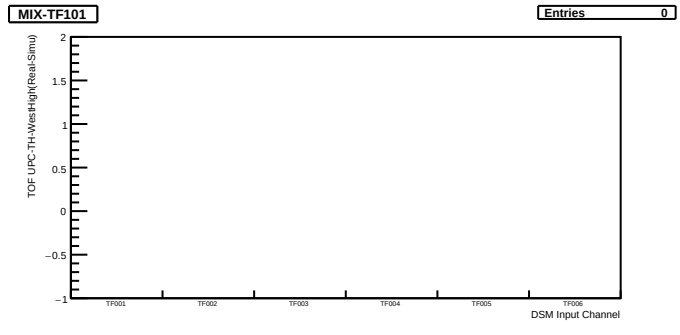

MIX-TF101
Entries 1961574
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

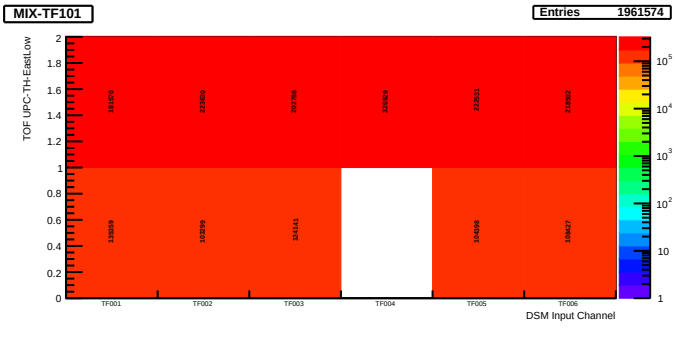

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

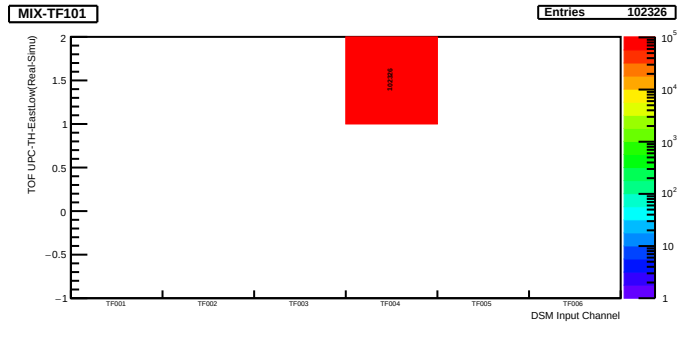

MIX-TF101
Entries 1961574
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

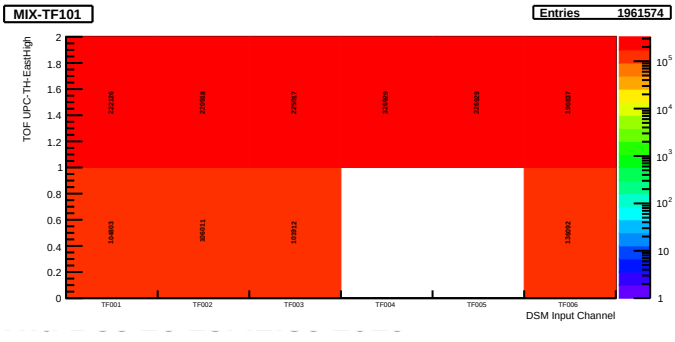

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

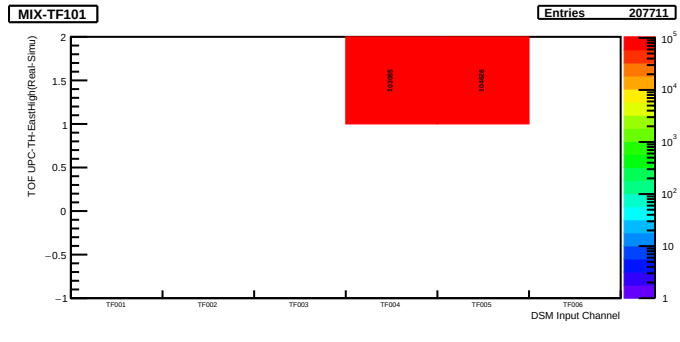

MIX-TF101
Entries 1961574
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

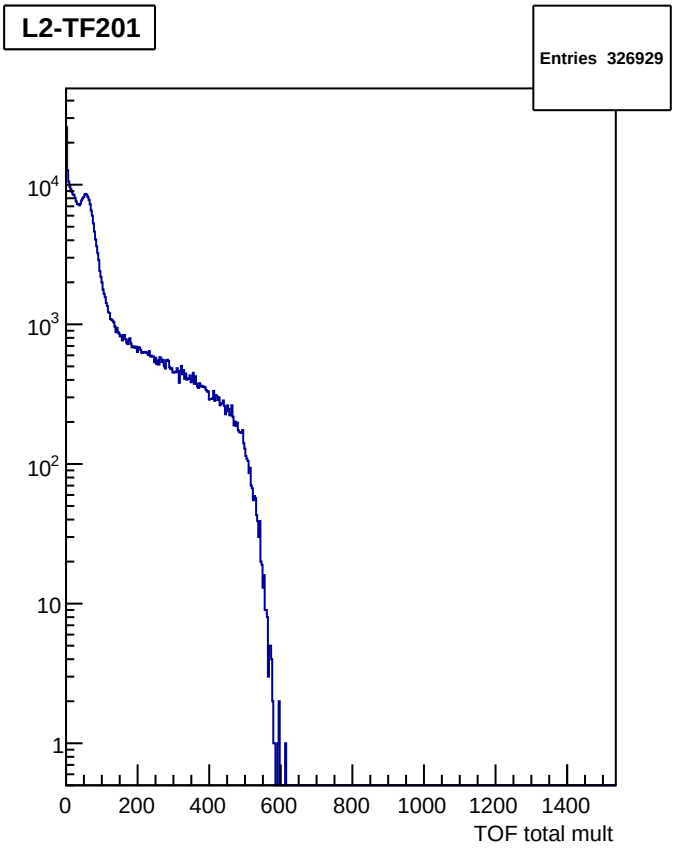

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

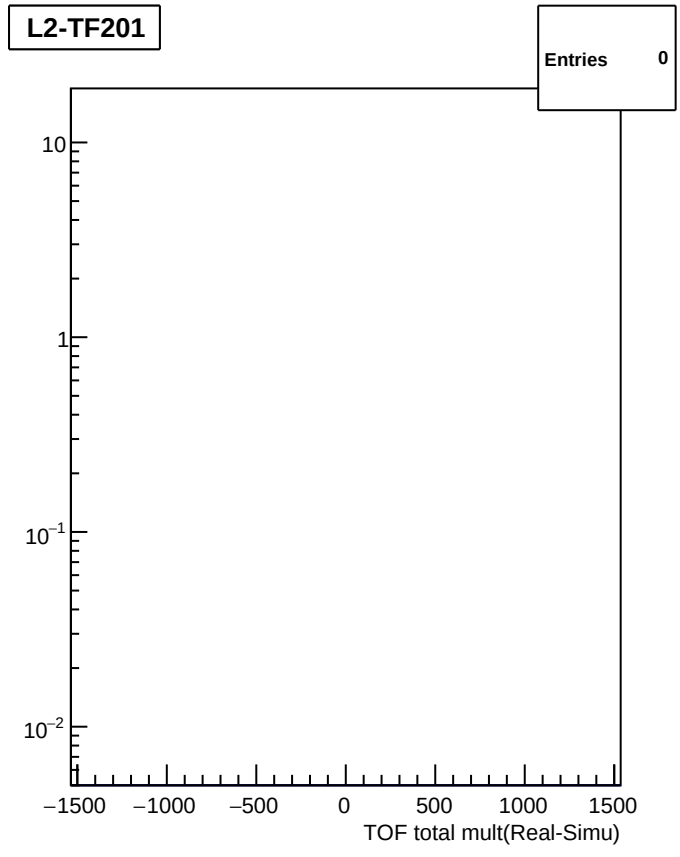

MIX-TF101
Entries 1961574
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

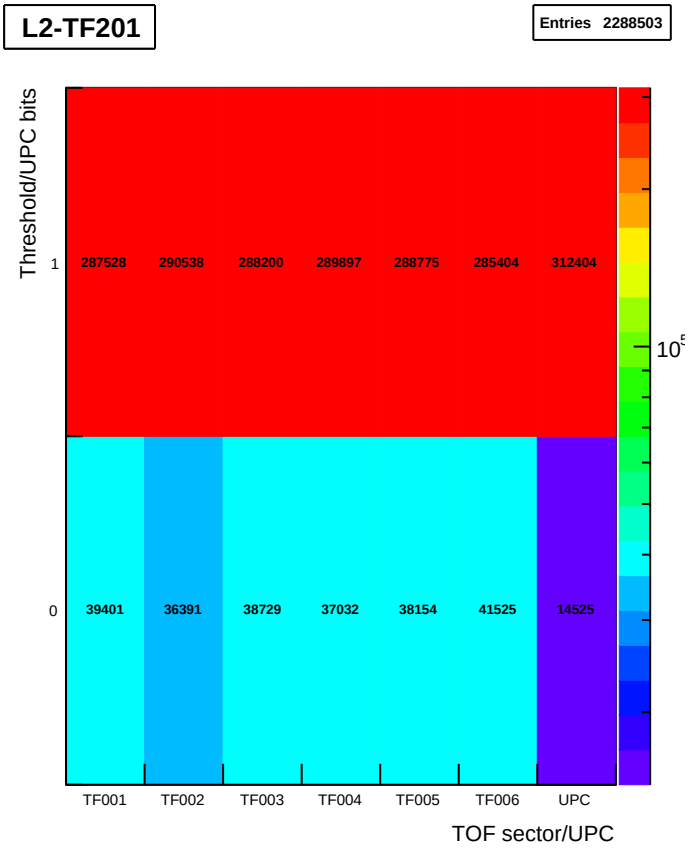

MIX-TF101
Entries 102326
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

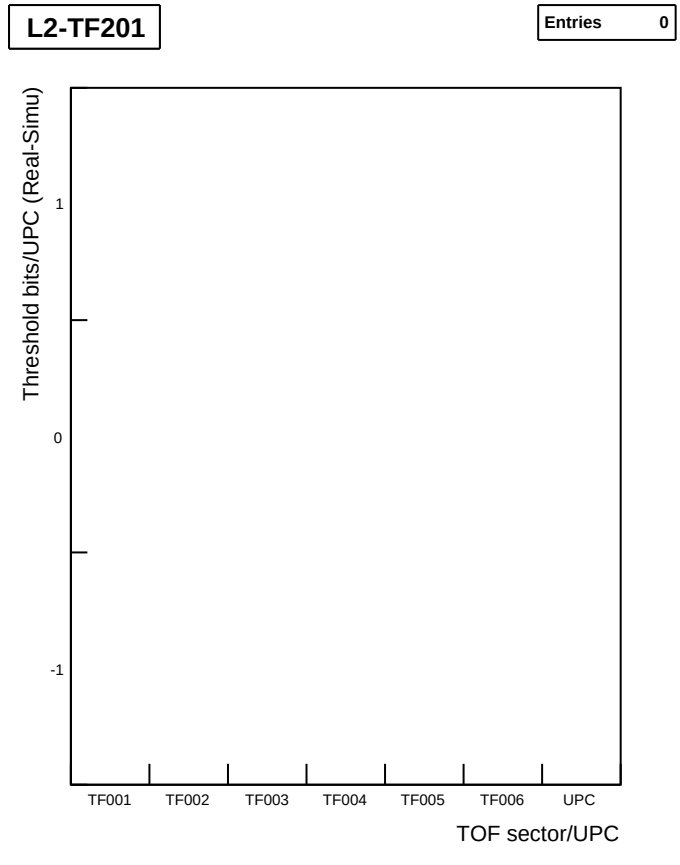

MIX-TF101
Entries 1961574
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

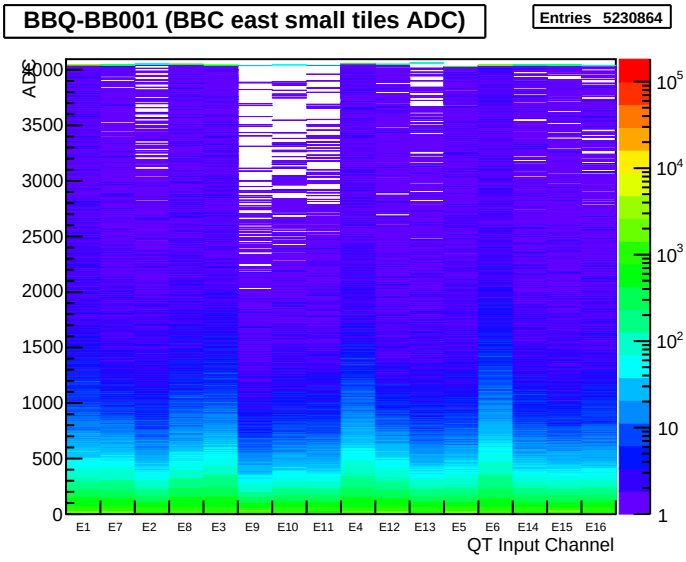

MIX-TF101
Entries 207711
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

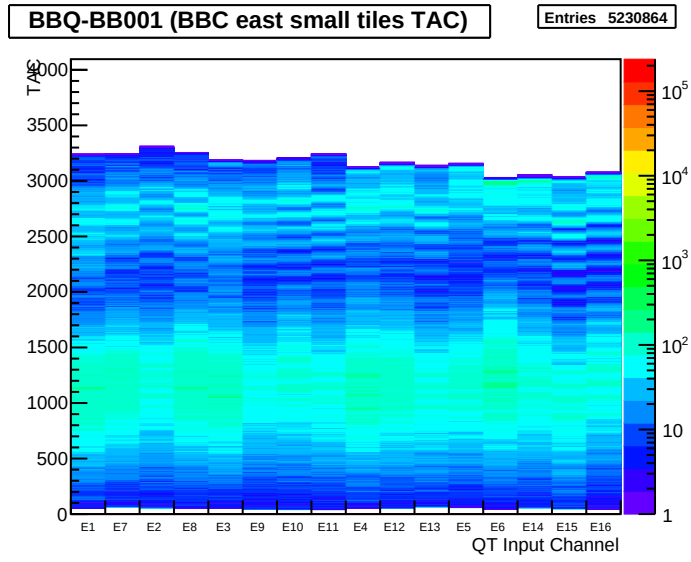

L2-TF201
Entries 326929
TOF total mult

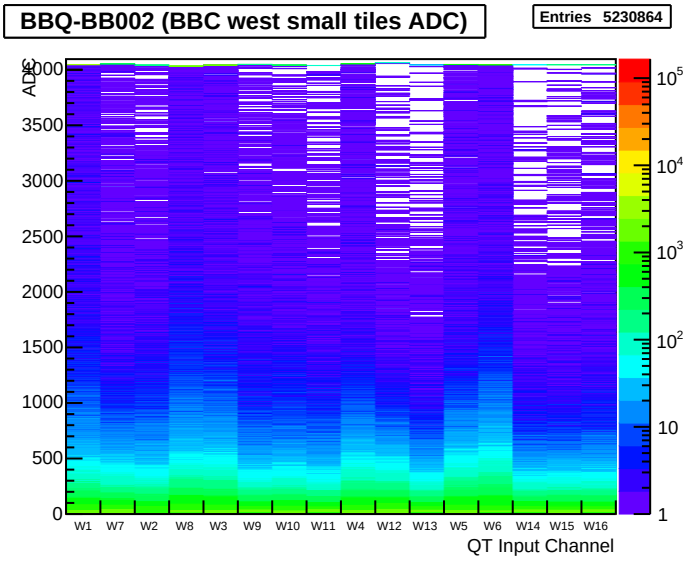

L2-TF201
Entries 0
TOF total mult(Real-Simu)

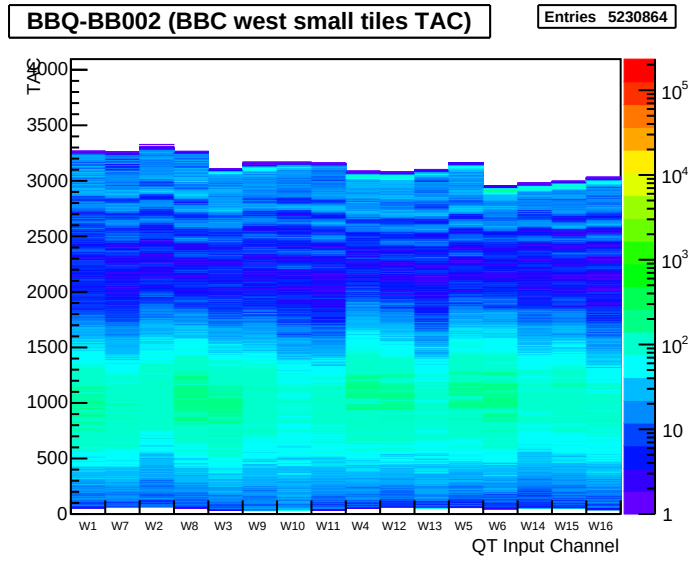

L2-TF201
Entries 2288503
Threshold/UPC bits
287528
290538
288200
289897
288775
285404
312404
39401
36391
38729
37032
38154
41525
14525
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

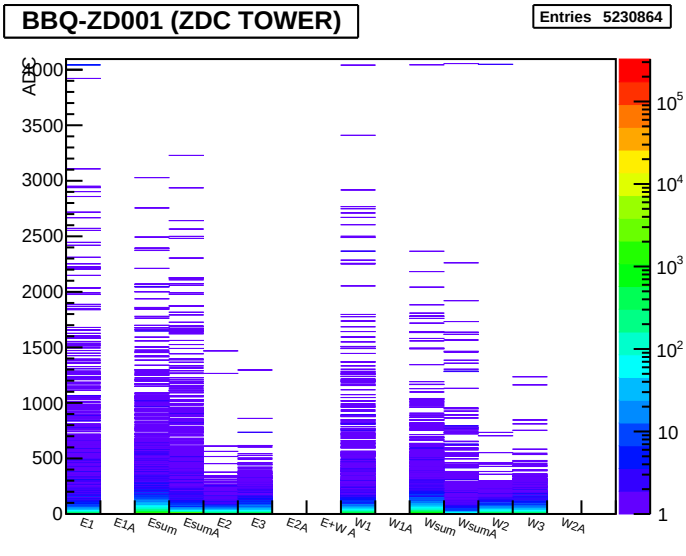

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

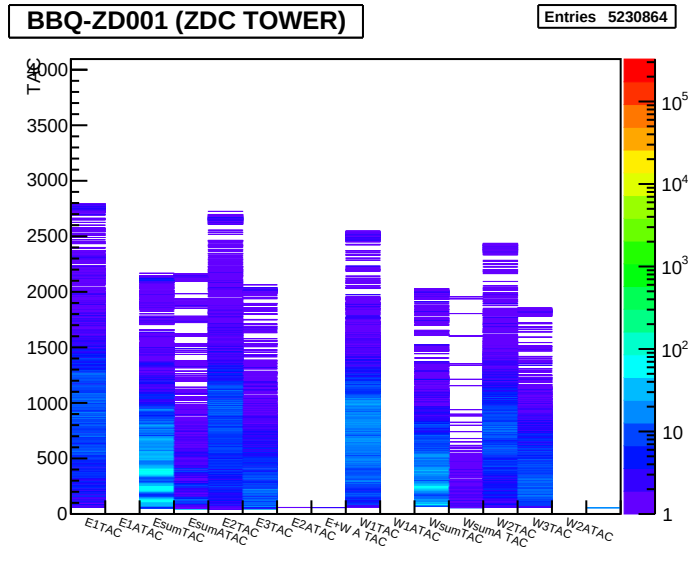

BBQ-BB001 (BBC east small tiles ADC)
Entries 5230864
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

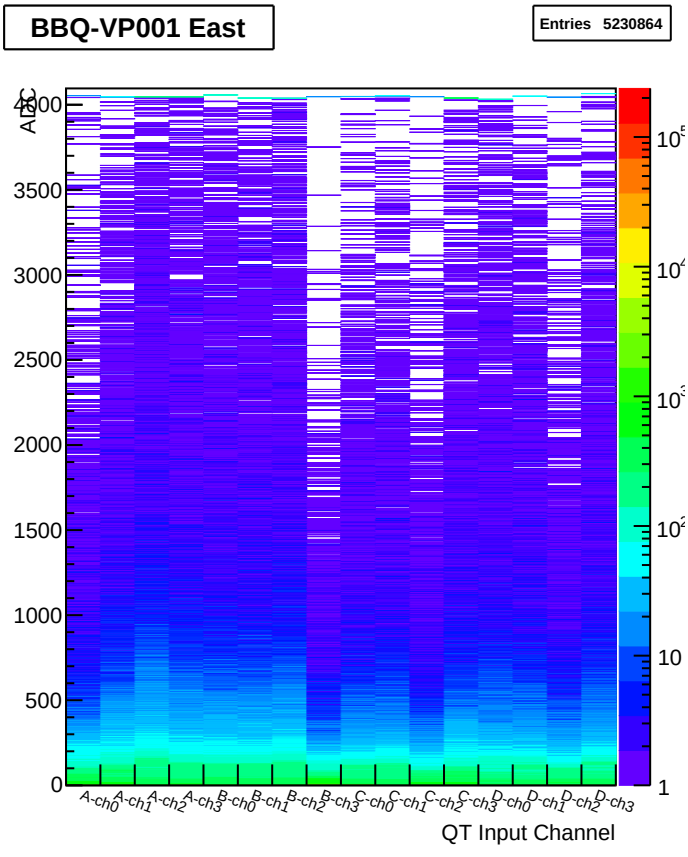

BBQ-BB001 (BBC east small tiles TAC)
Entries 5230864
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

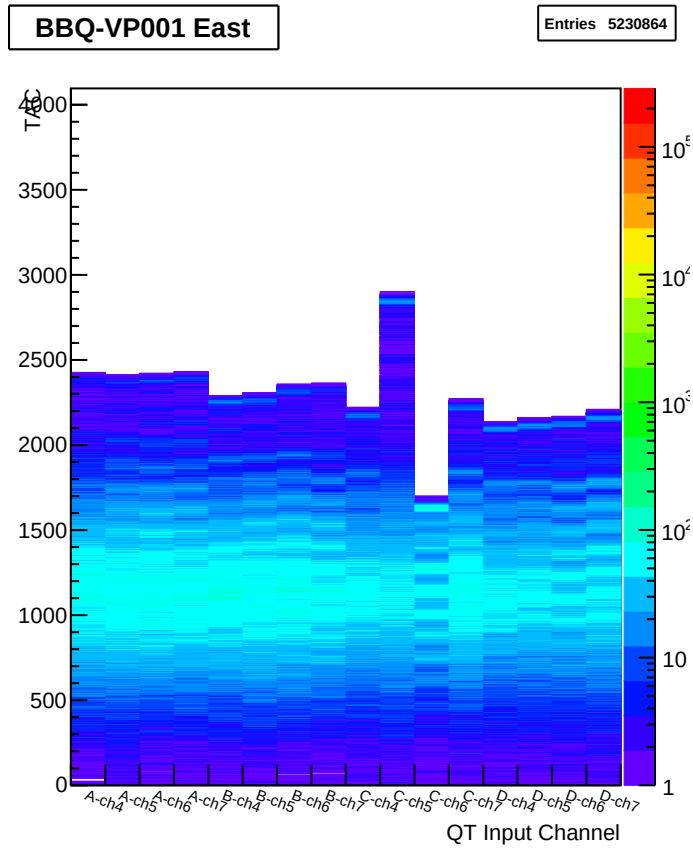

BBQ-BB002 (BBC west small tiles ADC)
Entries 5230864
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

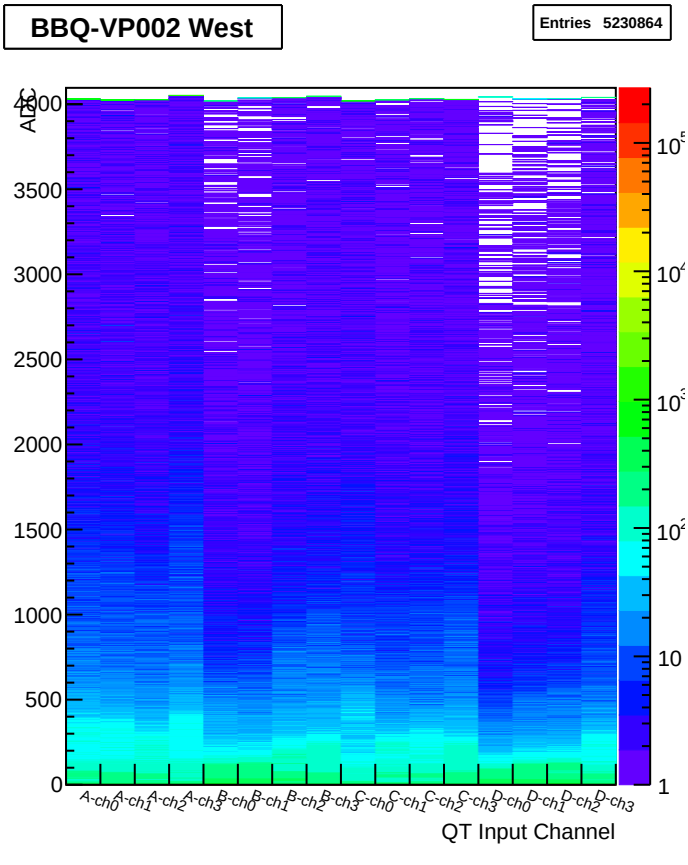

BBQ-BB002 (BBC west small tiles TAC)
Entries 5230864
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

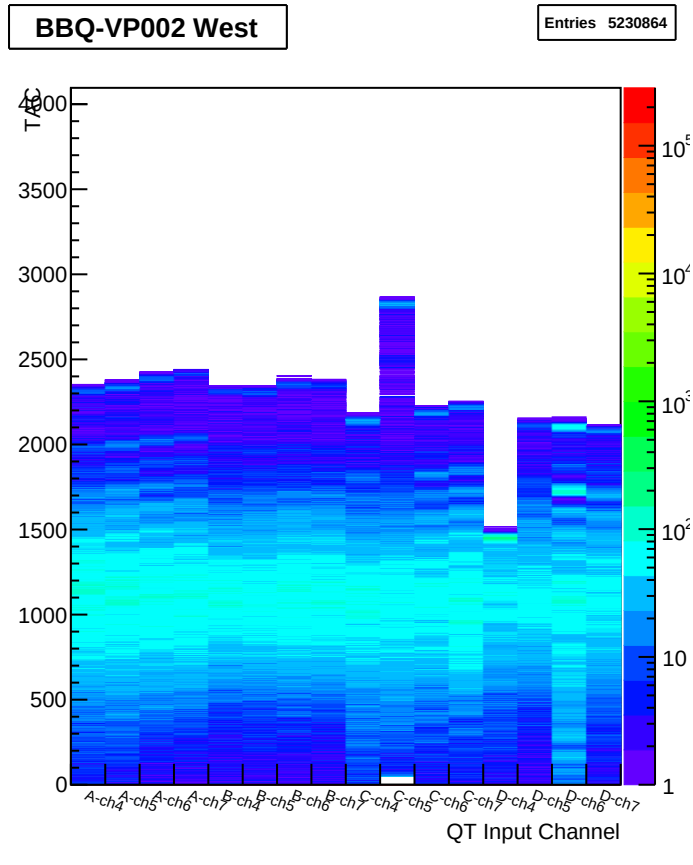

BBQ-ZD001 (ZDC TOWER)
Entries 5230864
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

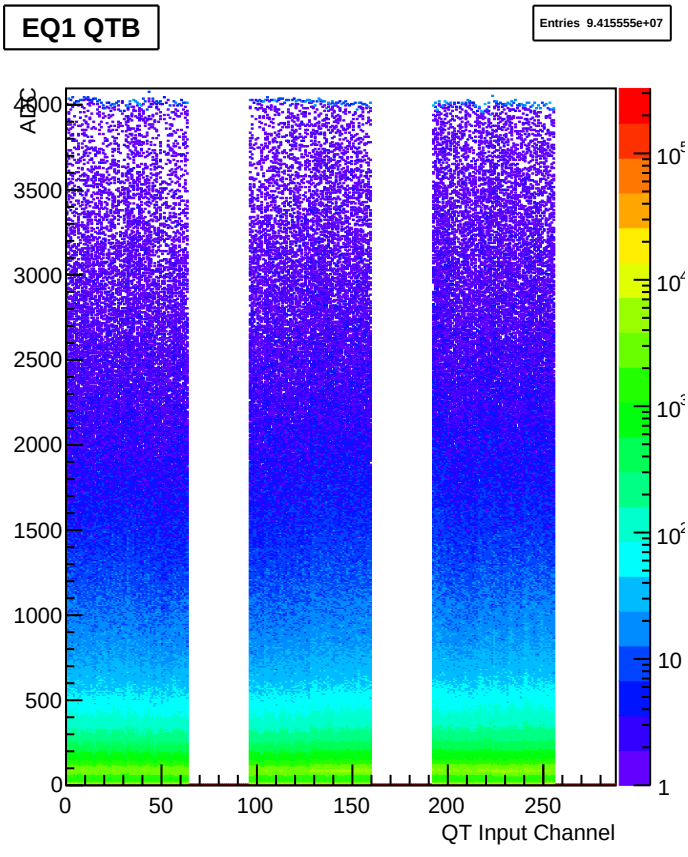

BBQ-ZD001 (ZDC TOWER)
Entries 5230864
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

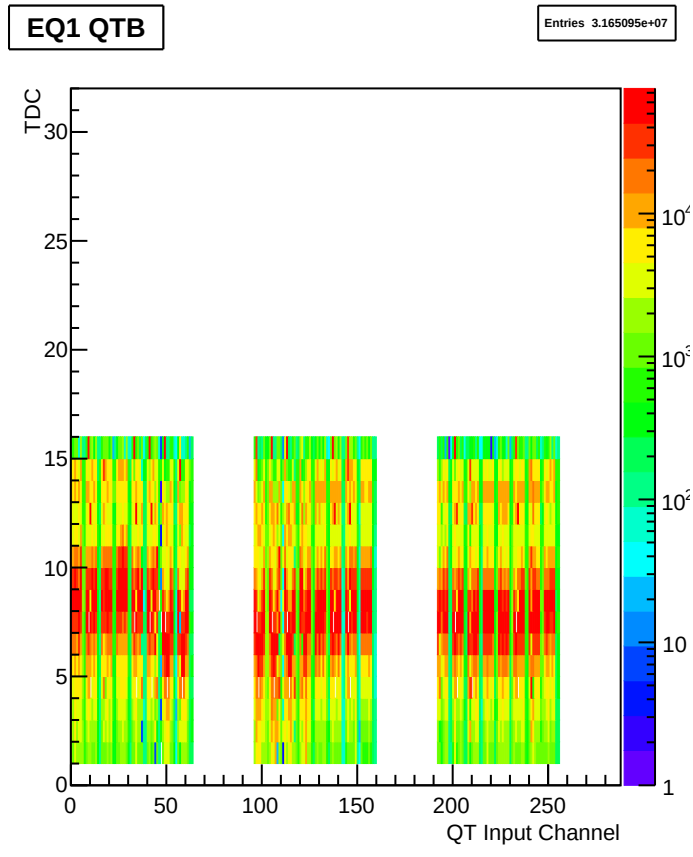

BBQ-VP001 East
Entries 5230864
ADC
QT Input Channel

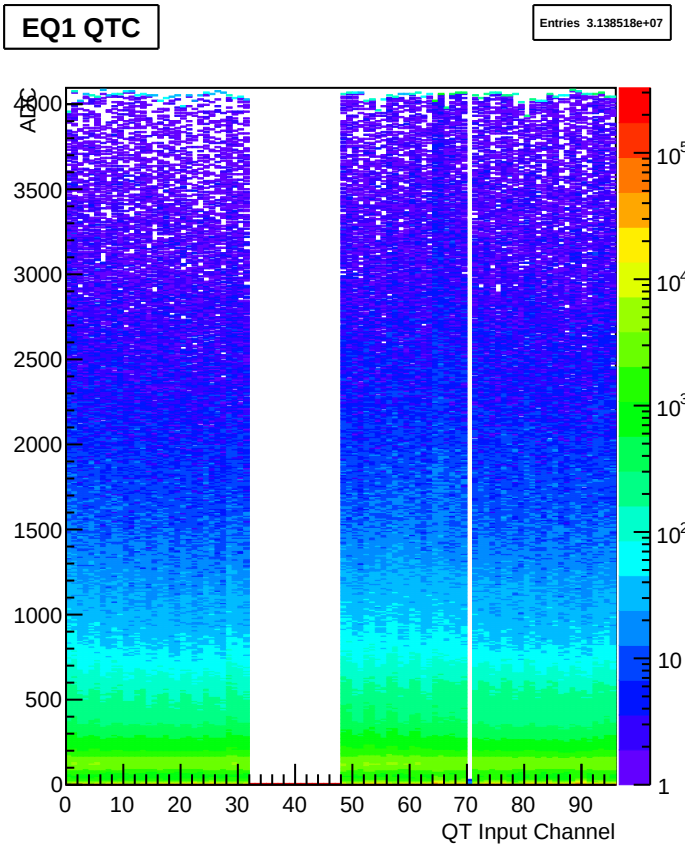

BBQ-VP001 East
Entries 5230864
TADC
QT Input Channel

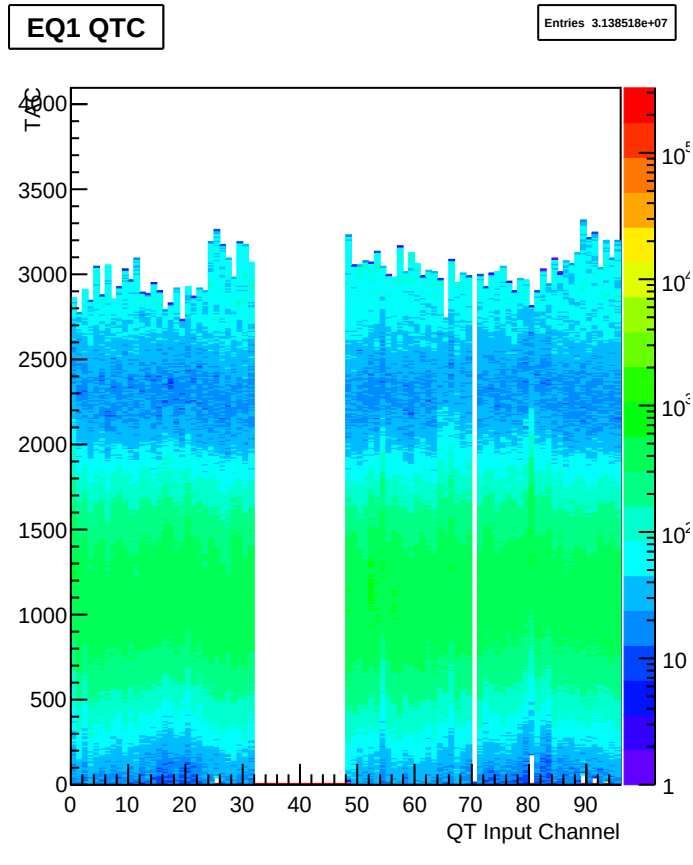

BBQ-VP002 West
Entries 5230864
ADC
QT Input Channel

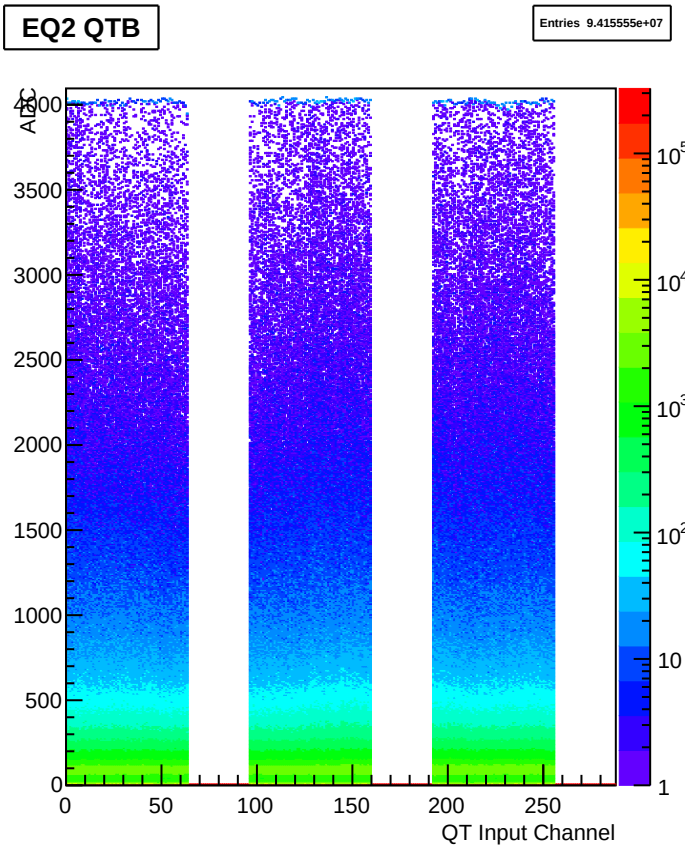

BBQ-VP002 West
Entries 5230864
TADC
QT Input Channel

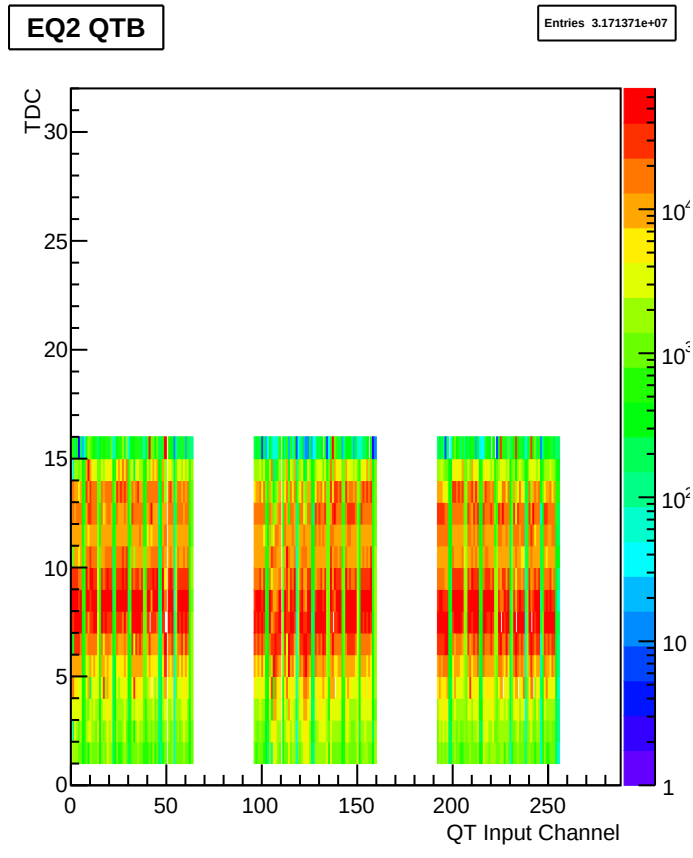

EQ1 QTB
Entries 9.415555e+07
ADC
QT Input Channel

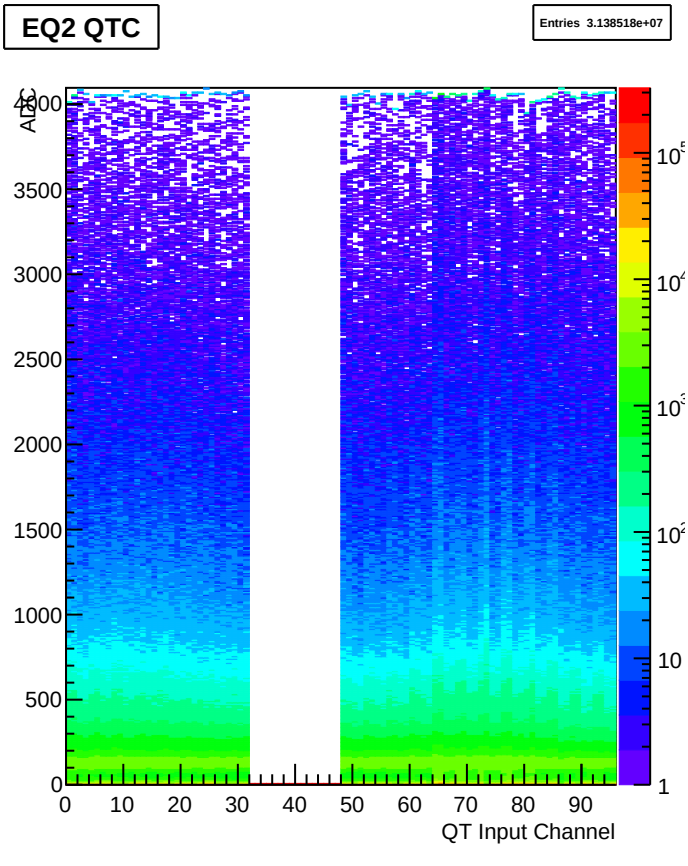

EQ1 QTB
Entries 3.165095e+07
TDC
QT Input Channel

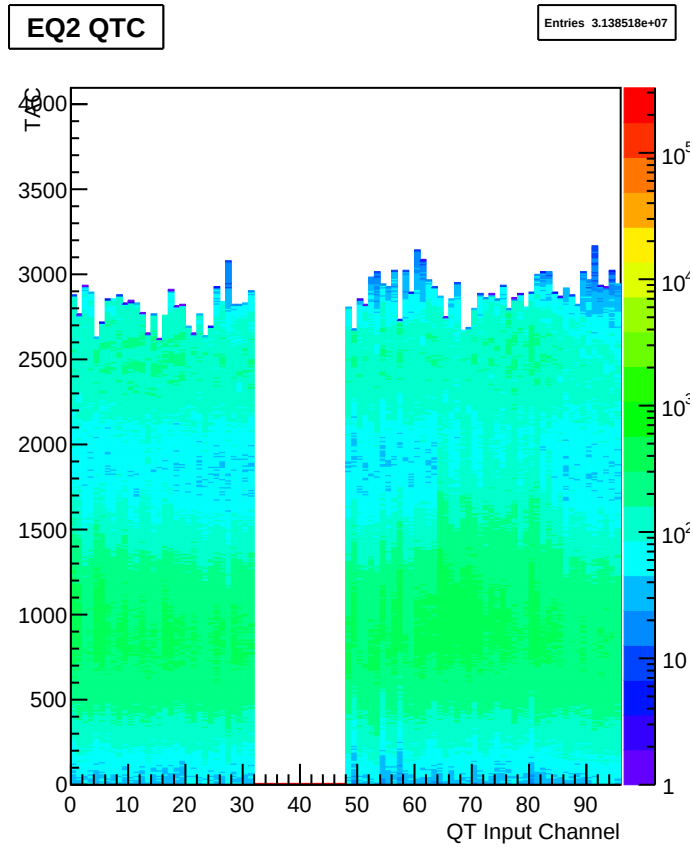

EQ1 QTC
Entries 3.138518e+07
ADC
QT Input Channel

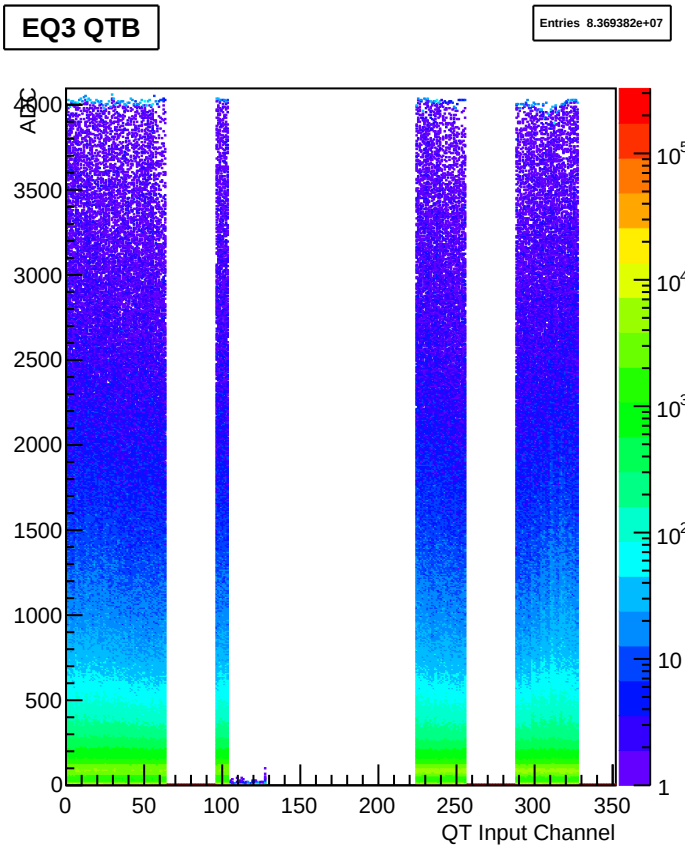

EQ1 QTC
Entries 3.138518e+07
TADC
QT Input Channel

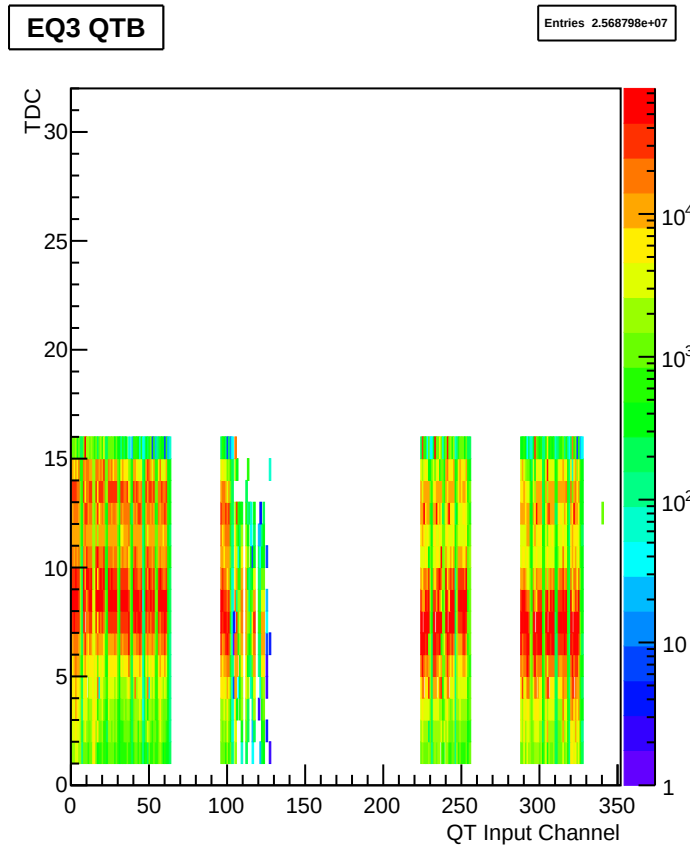

EQ2 QTB
Entries 9.415555e+07
ADC
QT Input Channel

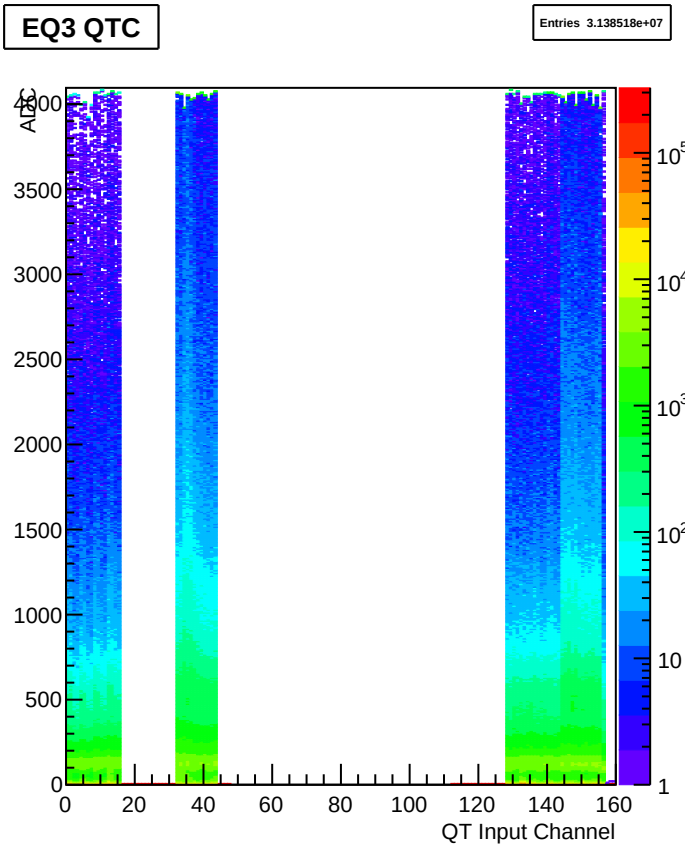

EQ2 QTB
Entries 3.171371e+07
TDC
QT Input Channel

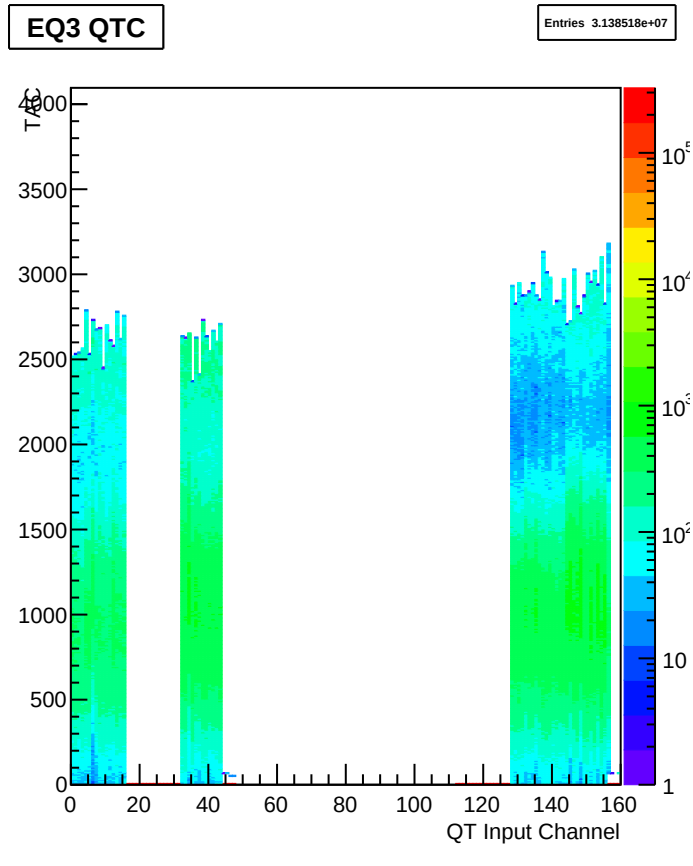

EQ2 QTC
Entries 3.138518e+07
ADC
QT Input Channel

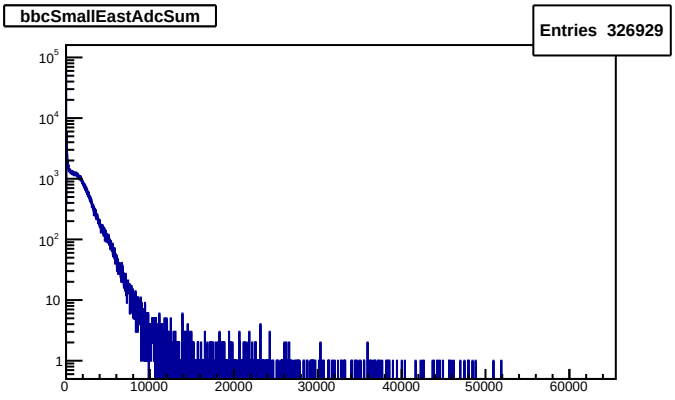

EQ2 QTC
Entries 3.138518e+07
TADC
QT Input Channel

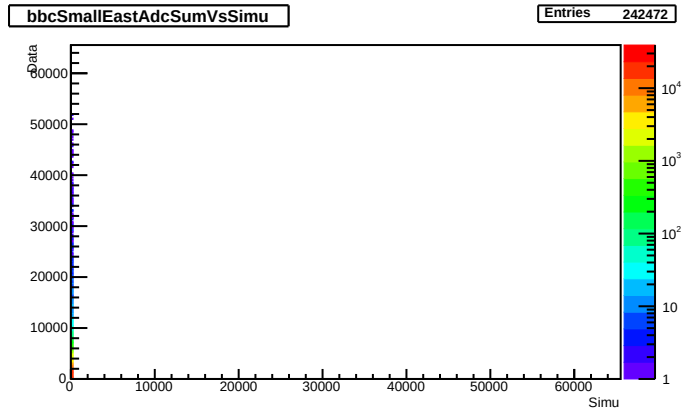

EQ3 QTB
Entries 8.369382e+07
ADC
QT Input Channel


EQ3 QTB
Entries 2.568798e+07
TDC
QT Input Channel


EQ3 QTC
Entries 3.138518e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.138518e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 326929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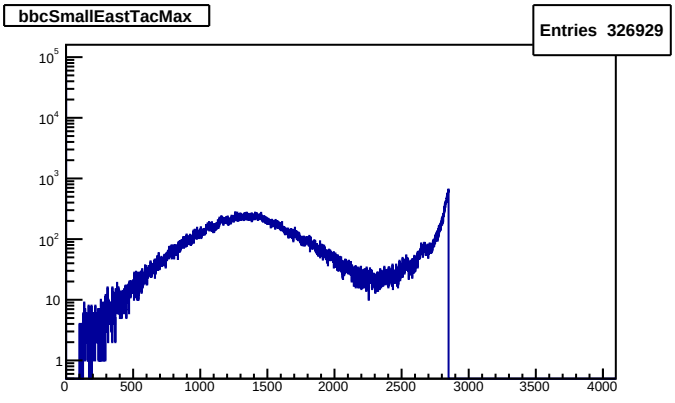
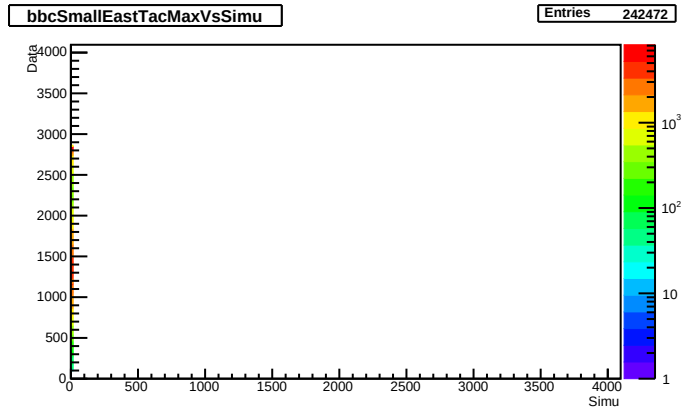
Entries 242472
Data
Simu


bbcSmallEastTacMax
Entries 326929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Entries 242472
Data
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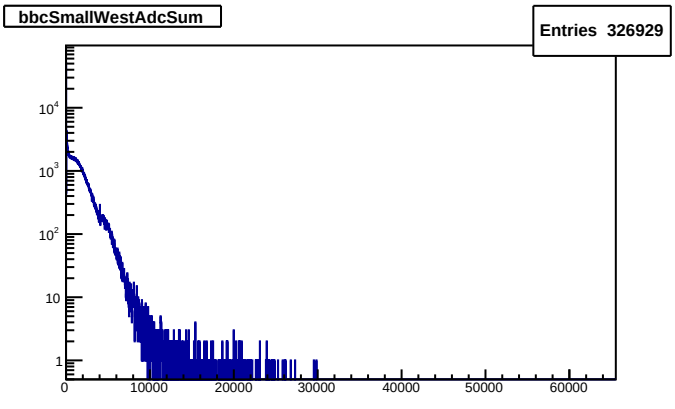
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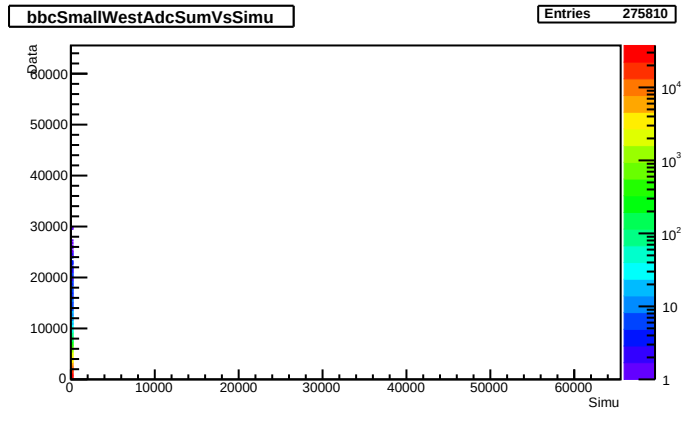
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Entries 275810
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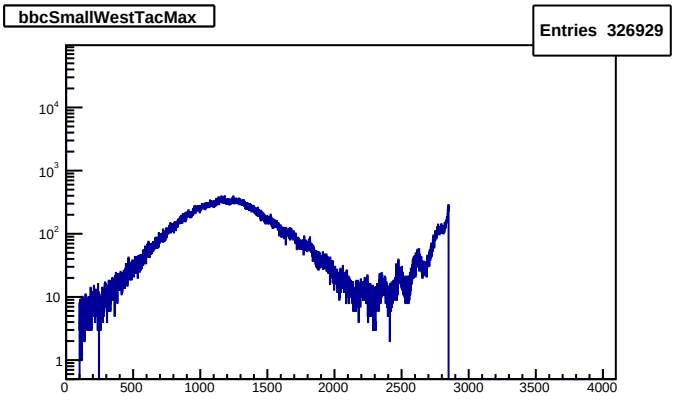
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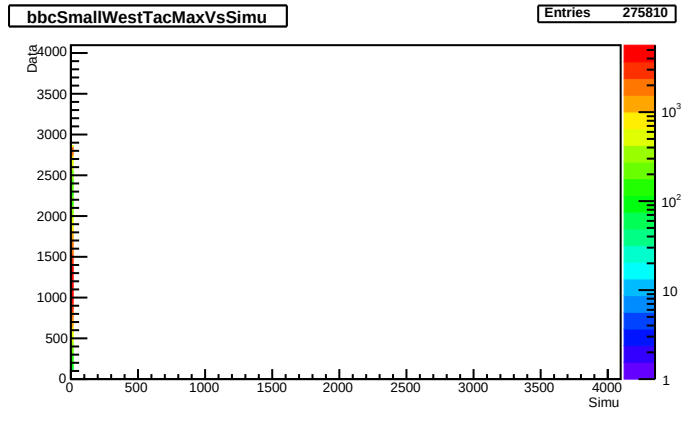
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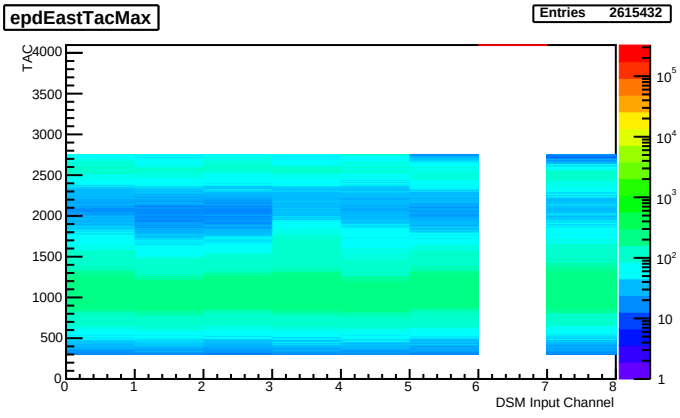
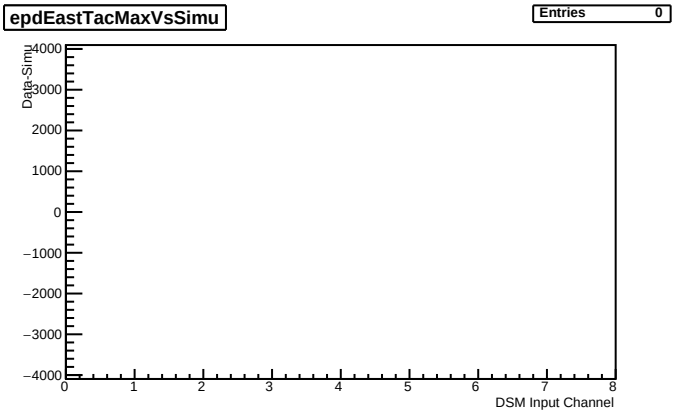
Entries 275810
Data
Simu


epdEastTacMax
Entries 2615432
TAC
DSM Input Channel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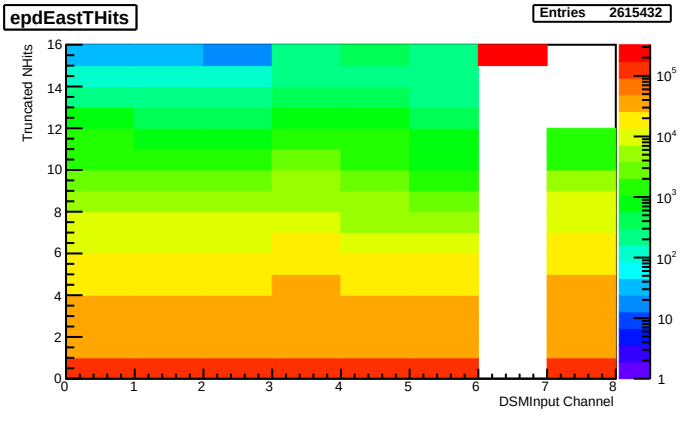
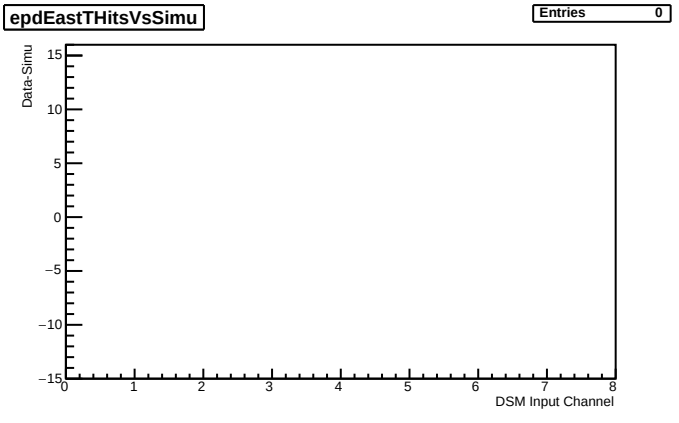
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2615432
Truncated NHits
DSMInput Channel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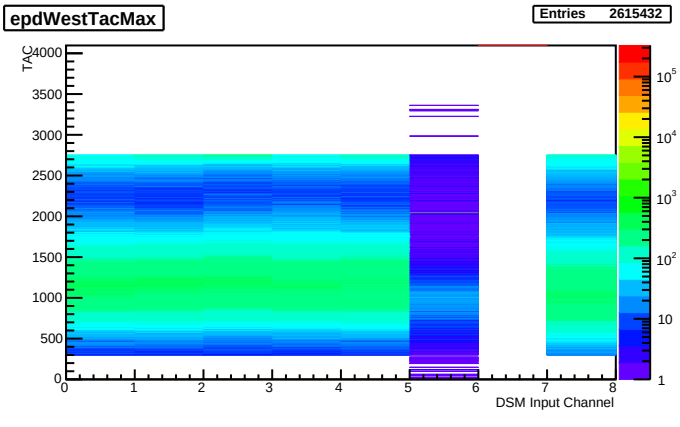
DSM Input Channel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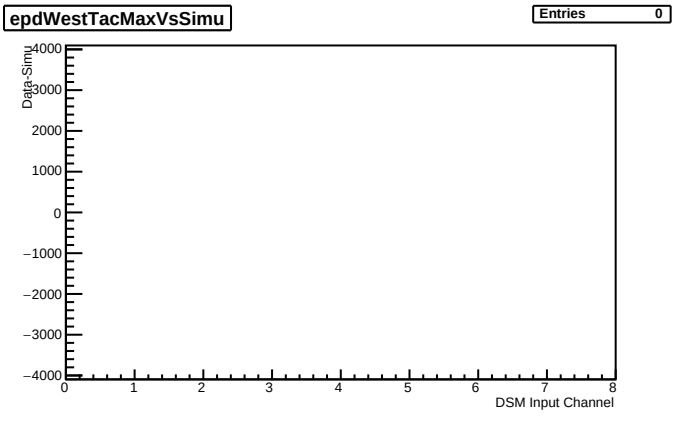
TAC
DSM Input Channel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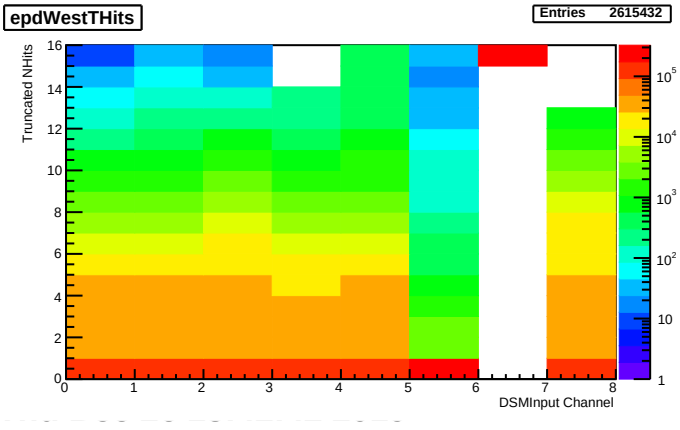
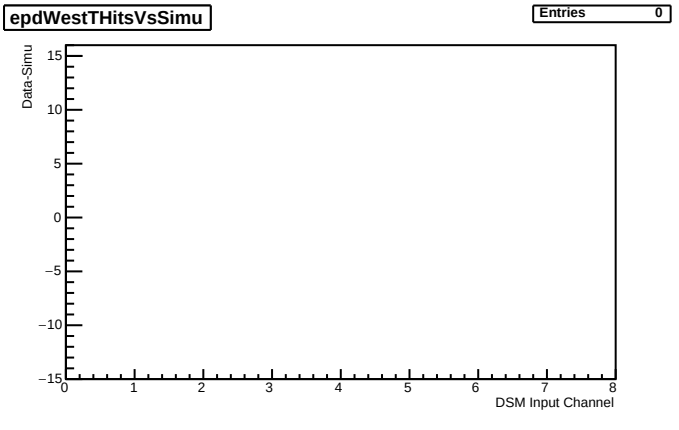
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2615432
Truncated NHits
DSMInput Channel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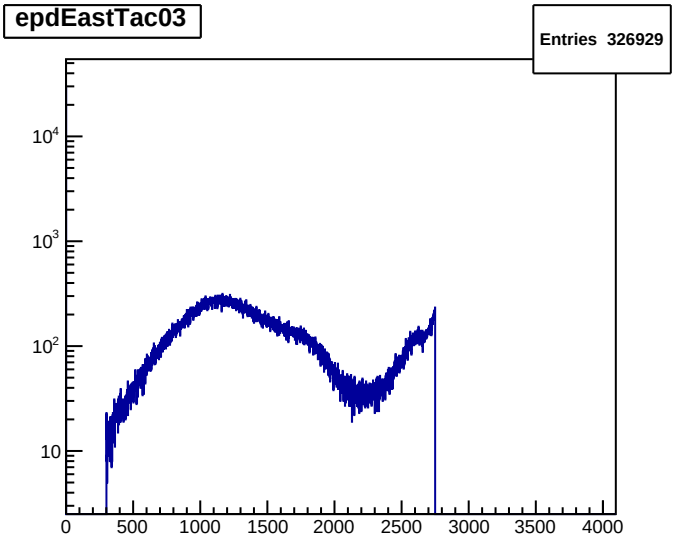
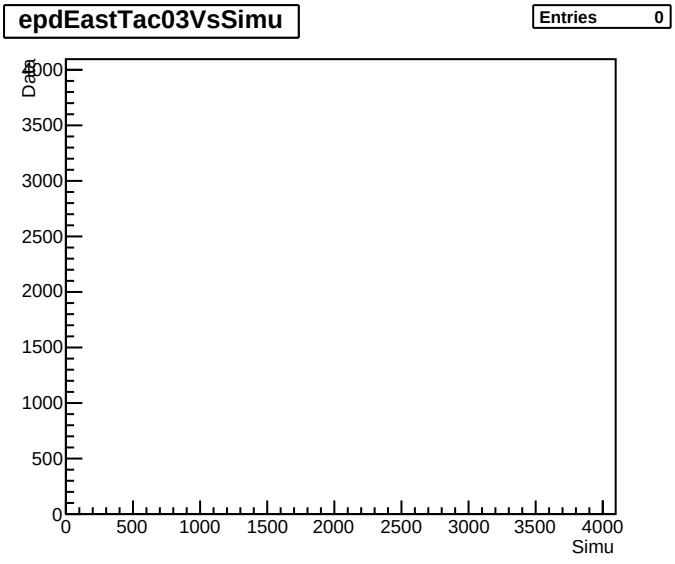
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 326929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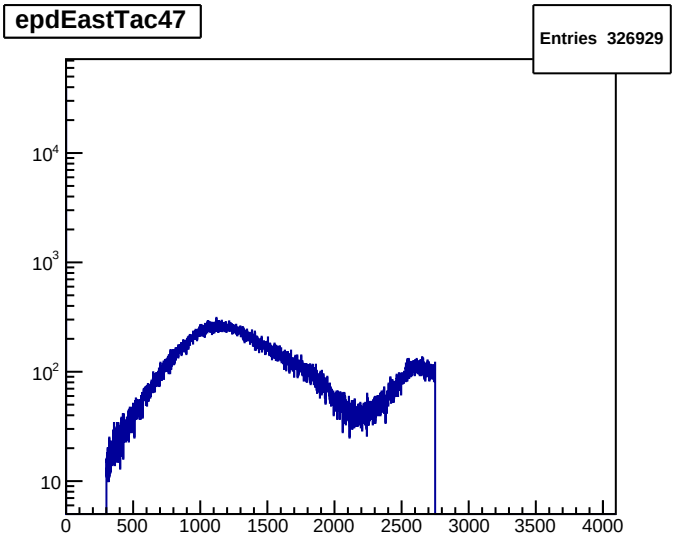
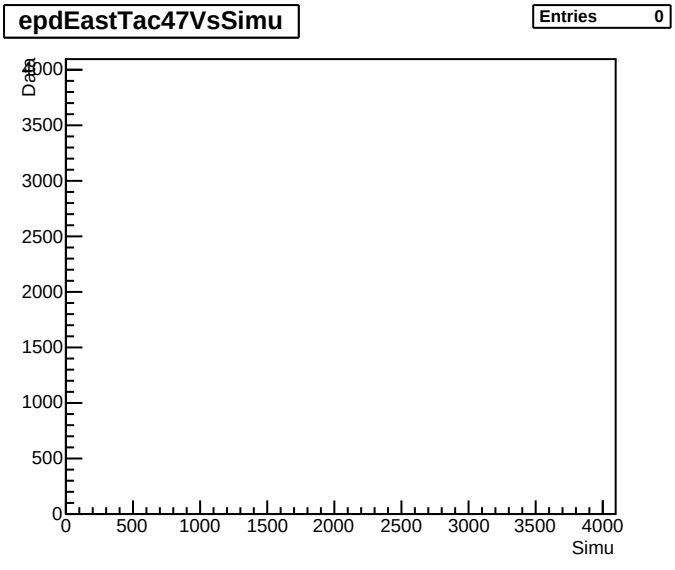
Entries 0
Data
Simu


epdEastTac47
Entries 326929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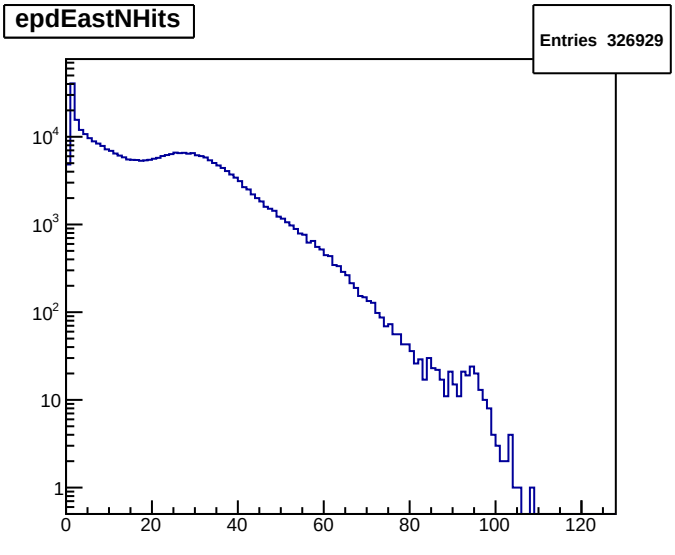
Entries 0
Data
Simu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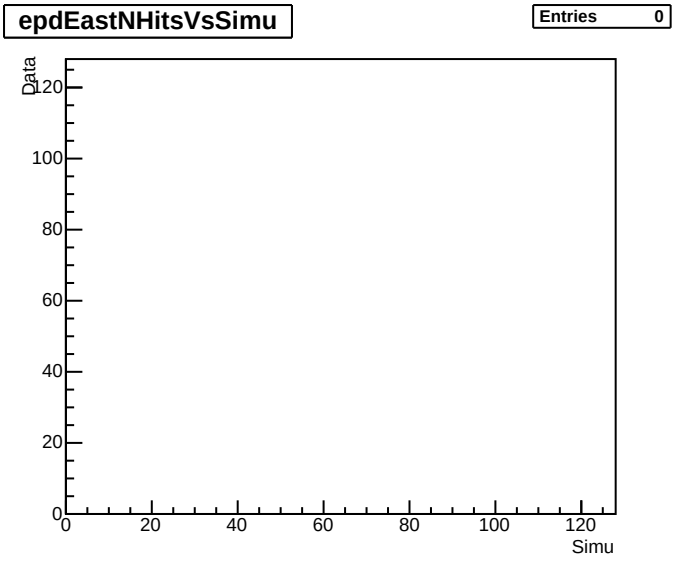
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Entries 0
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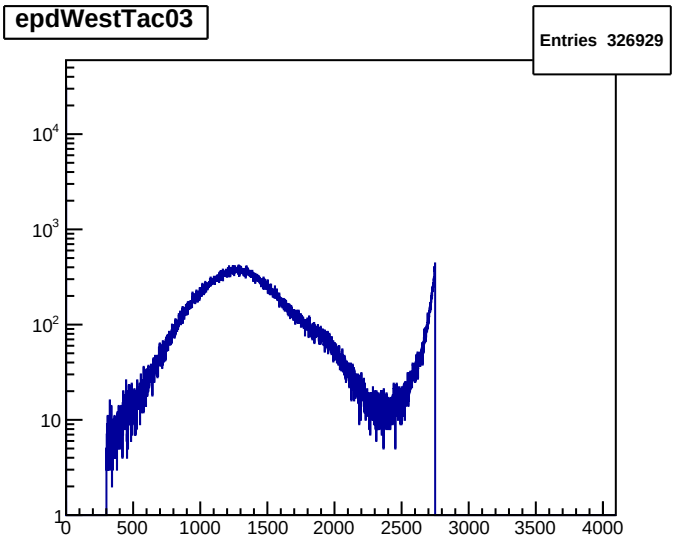
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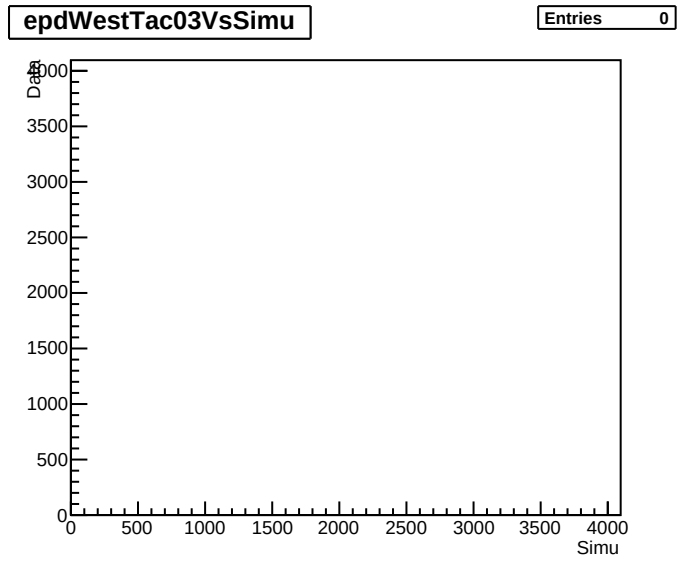
Entries 326929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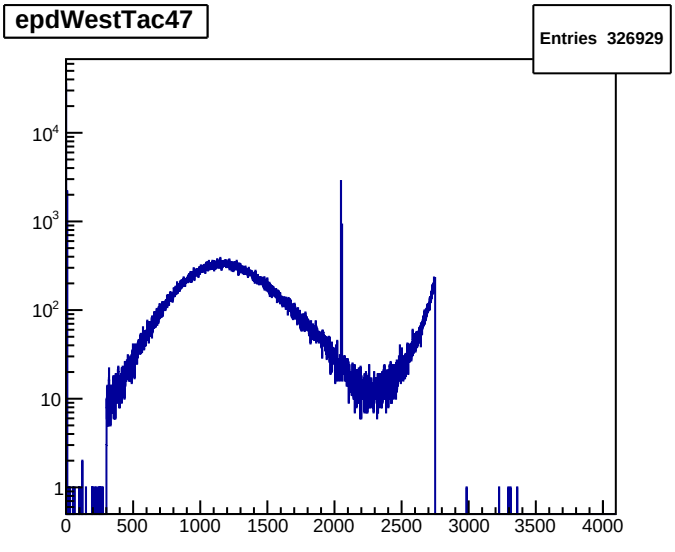
Entries 0
Data
Simu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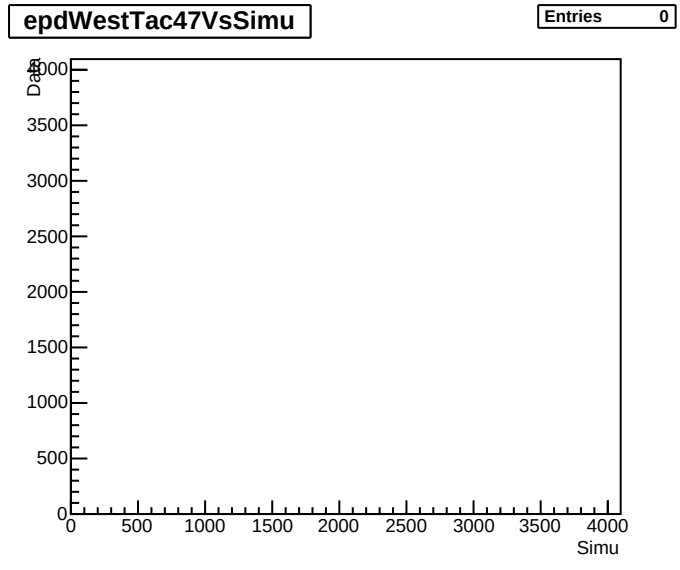
Entries 326929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Entries 0
Data
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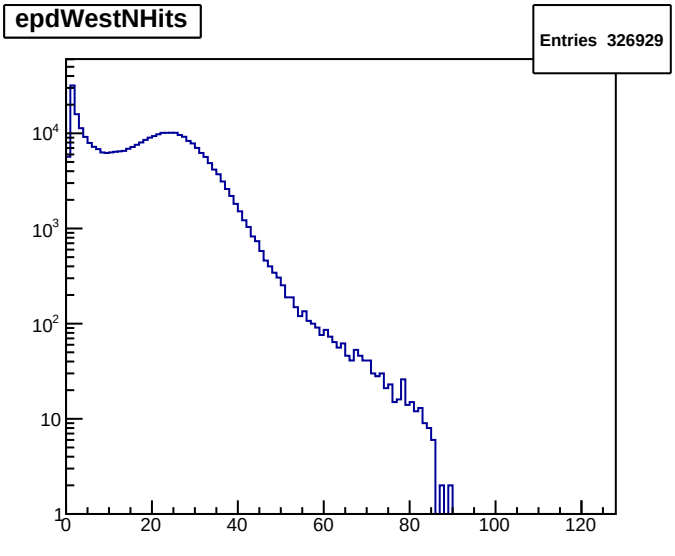
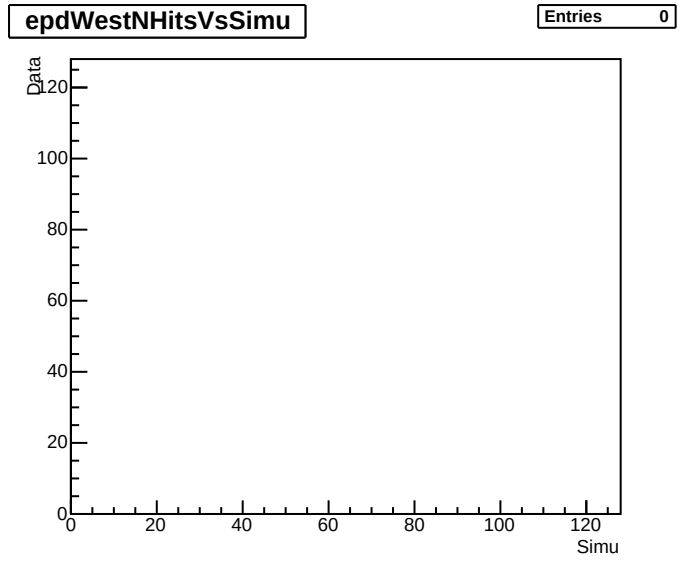

epdWestNHits
Entries 326929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Entries 0
Data
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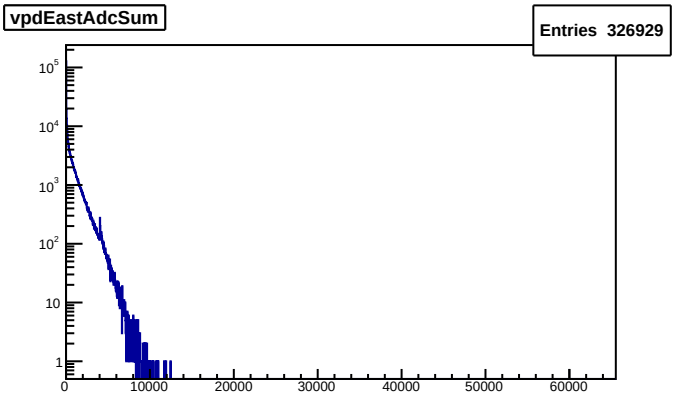
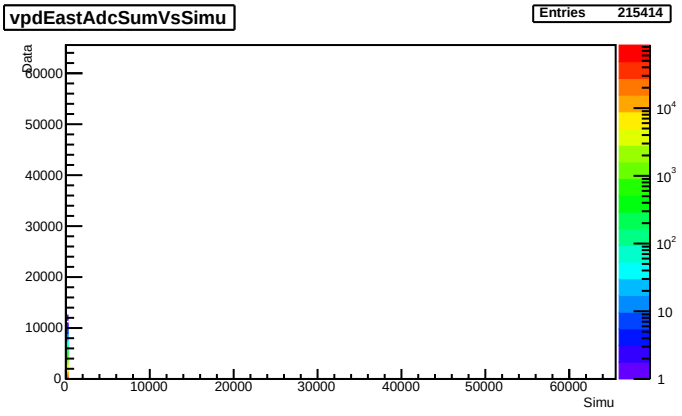
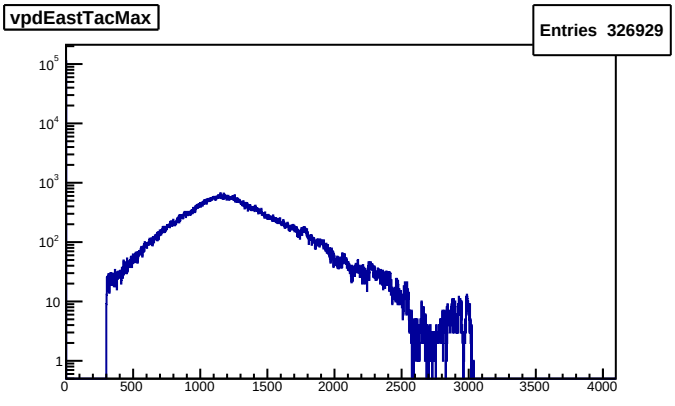
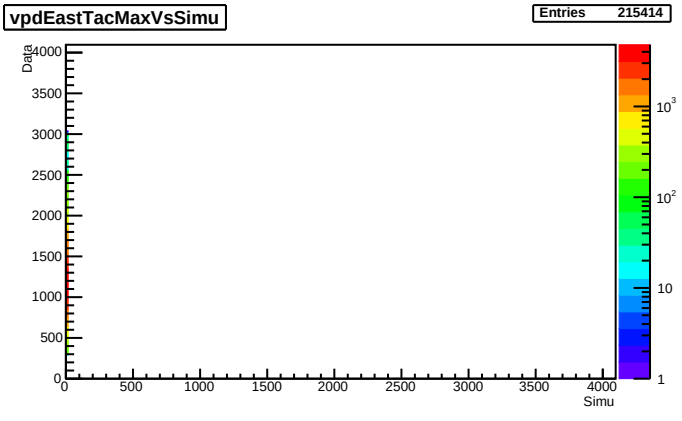

vpdEastAdcSum
Entries 326929


vpdEastAdcSumVsSimu
Entries 215414
Data
Simu


vpdEastTacMax
Entries 326929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Data
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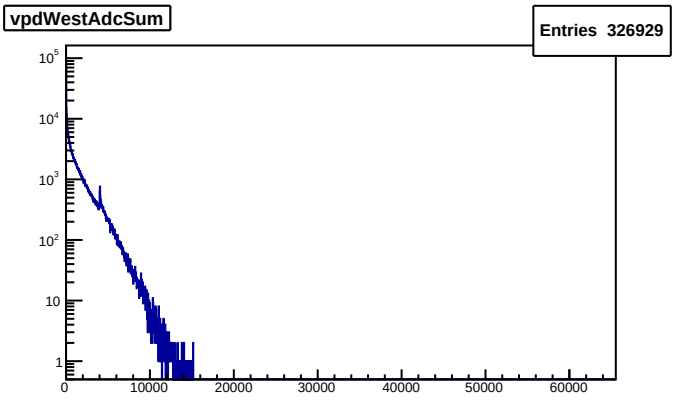
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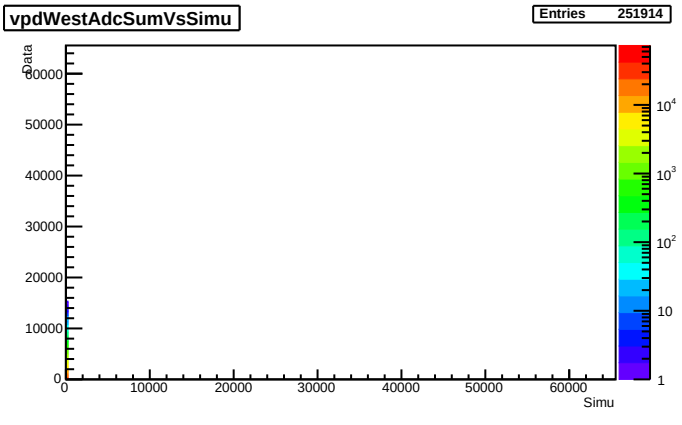
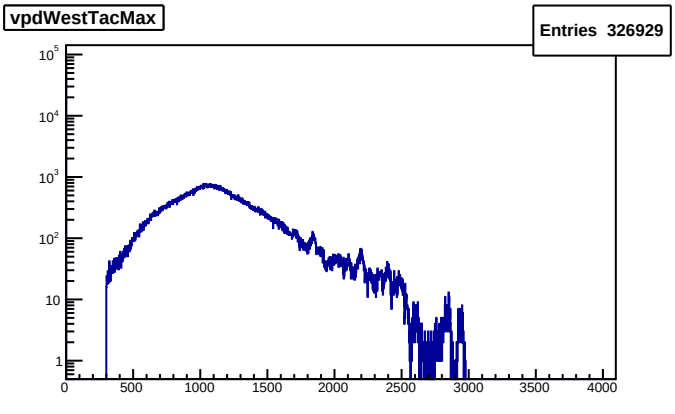
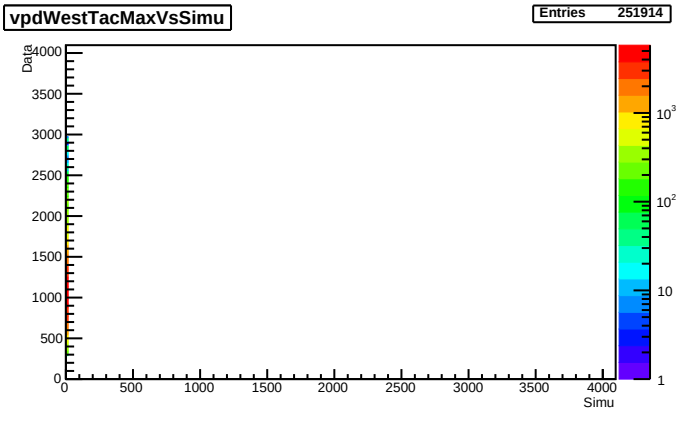
Entries 326929


vpdWestAdcSumVsSimu
Entries 251914
Data
Simu


vpdWestTacMax
Entries 326929


vpdWestTacMaxVsSimu
Entries 251914
Data
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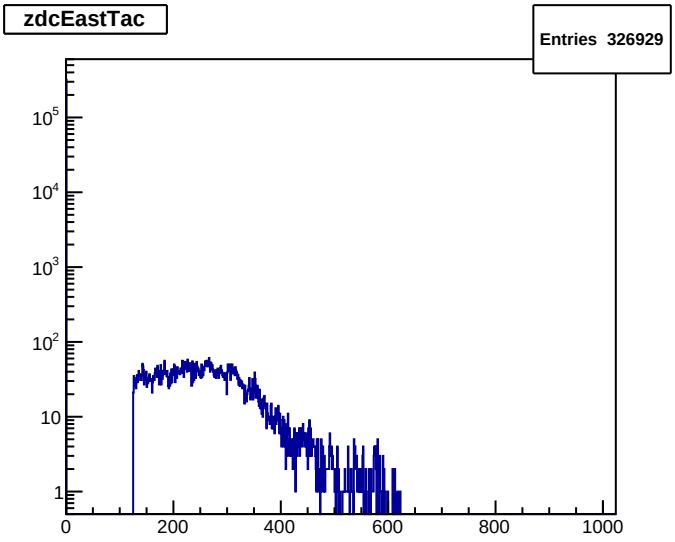
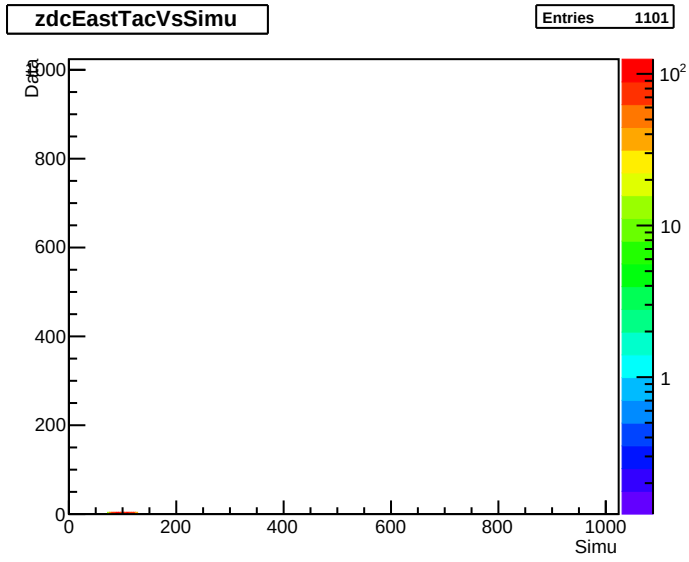
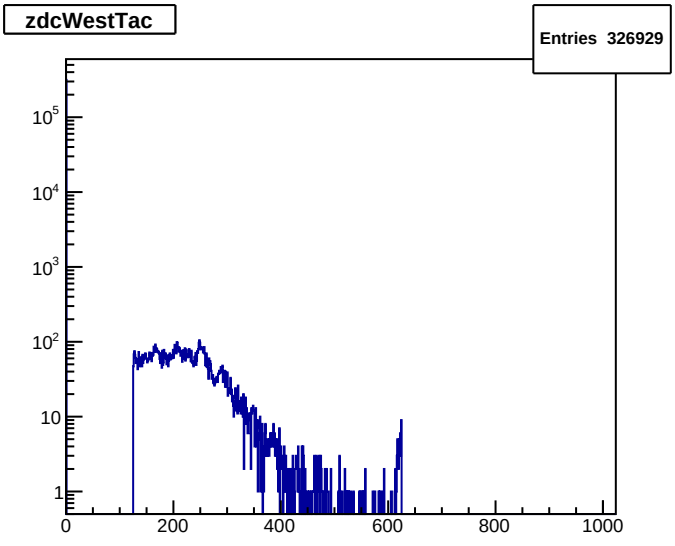
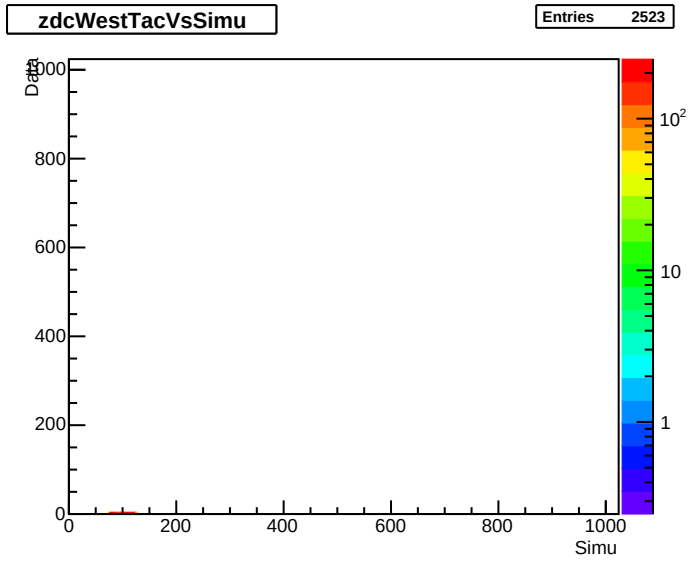
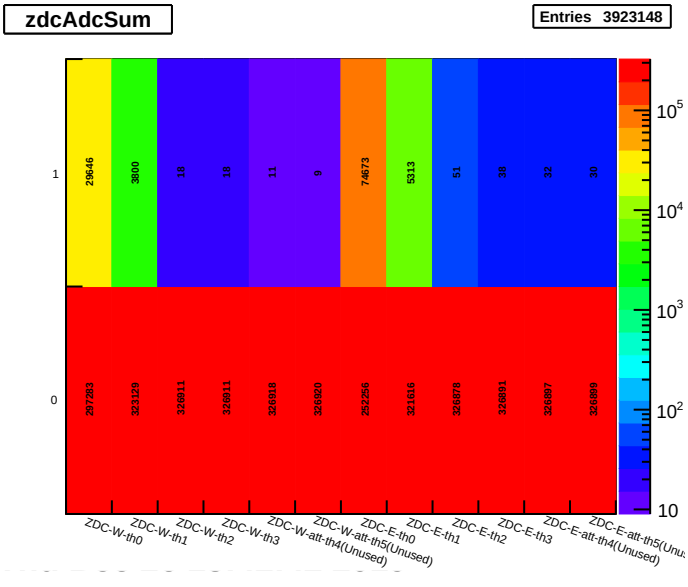
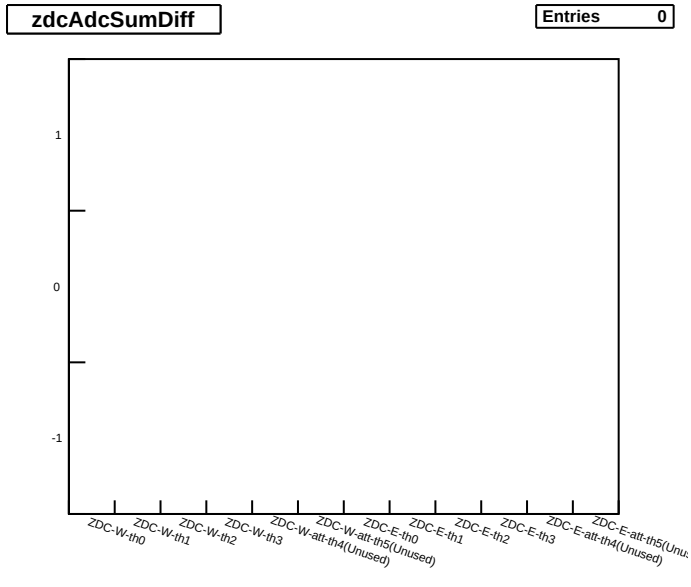

zdcEastTac
Entries 326929


zdcEastTacVsSimu
Entries 1101
Data
Simu


zdcWestTac
Entries 326929


zdcWestTacVsSimu
Entries 2523
Data
Simu


zdcAdcSum
Entries 3923148
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)
ZDC-E-att-th5(Unu


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
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ZDC-E-th2
ZDC-E-th3
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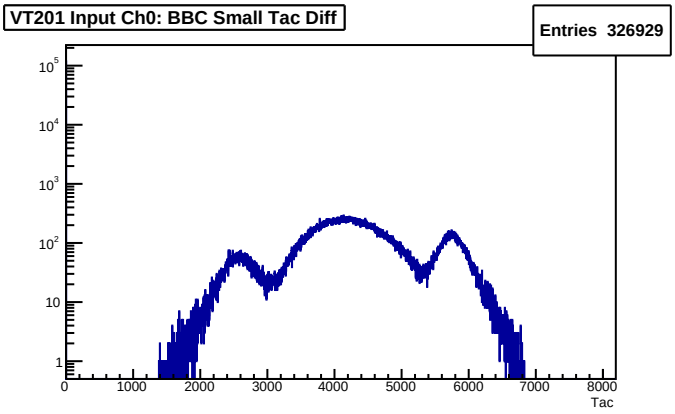
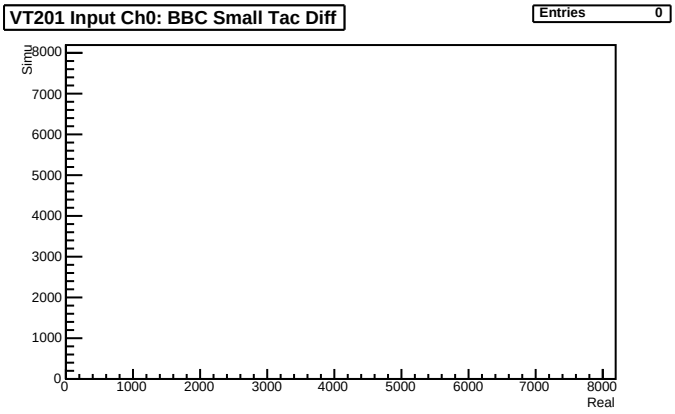
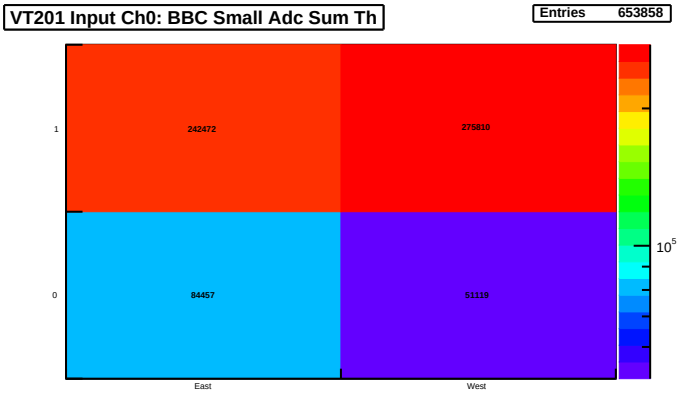
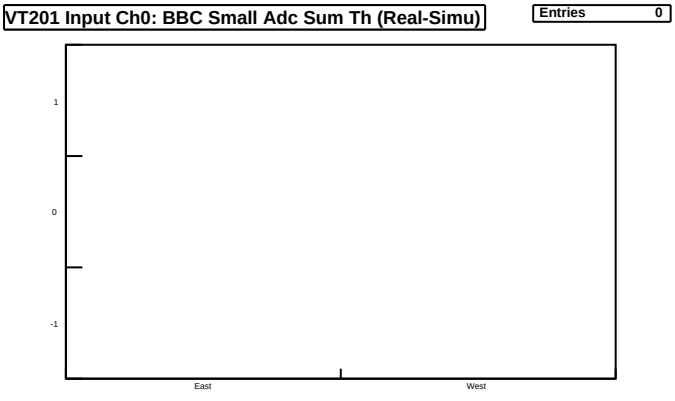
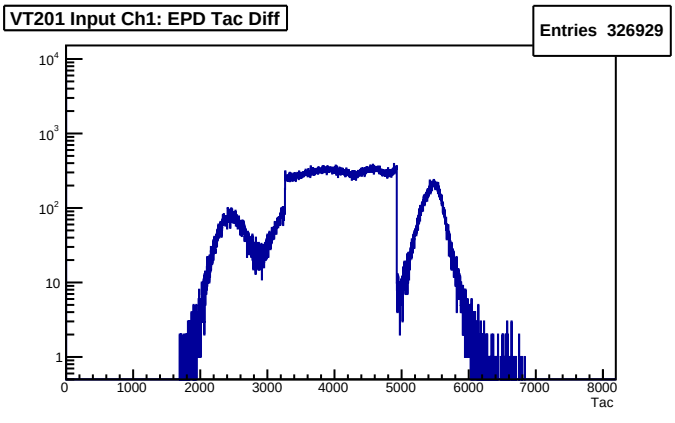
ZDC-E-att-th5(Unu

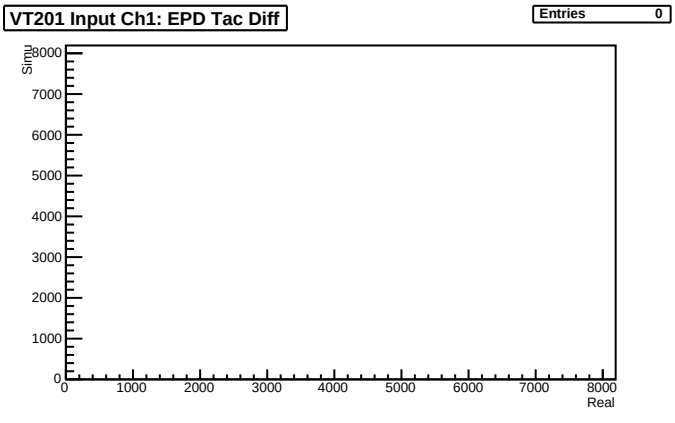

VT201 Input Ch0: BBC Small Tac Diff
Entries 326929
Tac

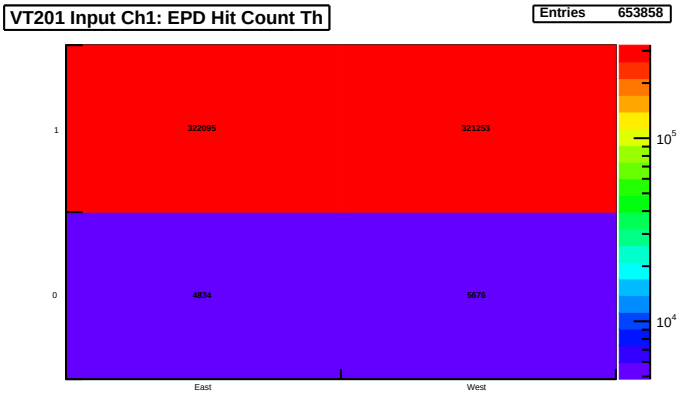

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

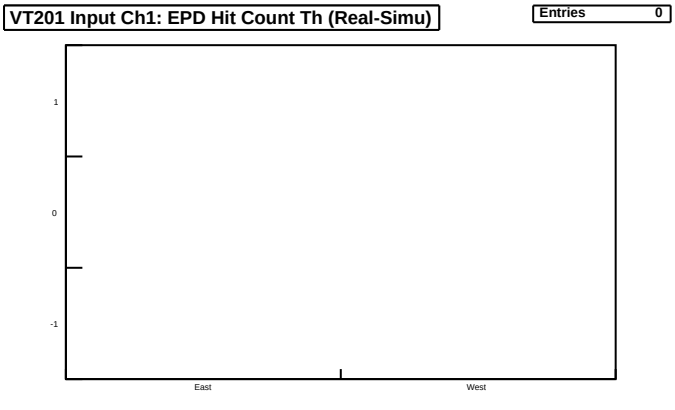

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 653858
242472
275810
84457
51119
East
West

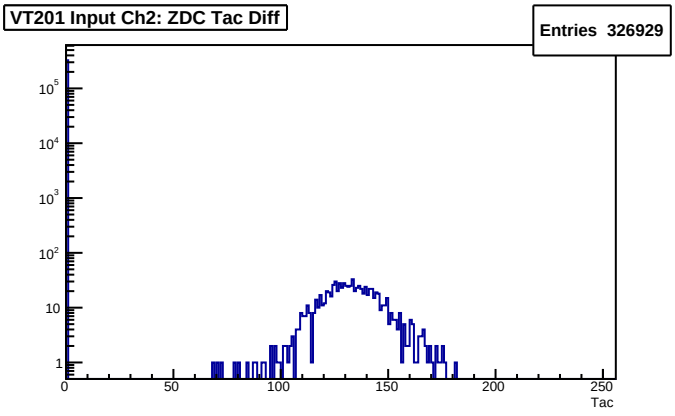

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

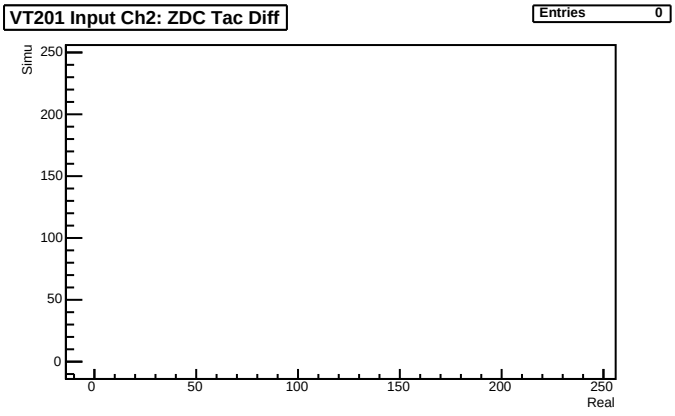

VT201 Input Ch1: EPD Tac Diff
Entries 326929
Tac

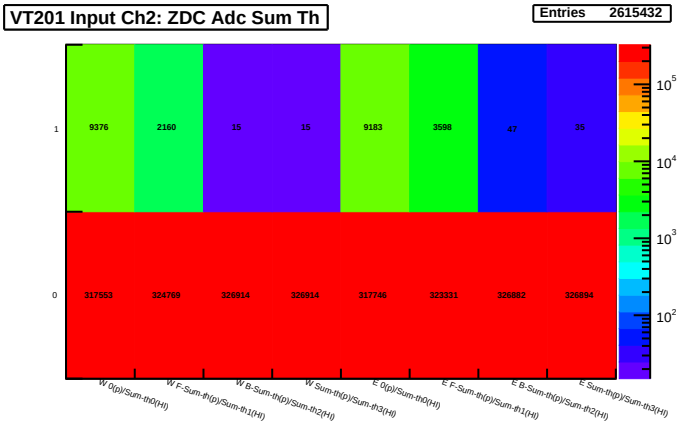

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

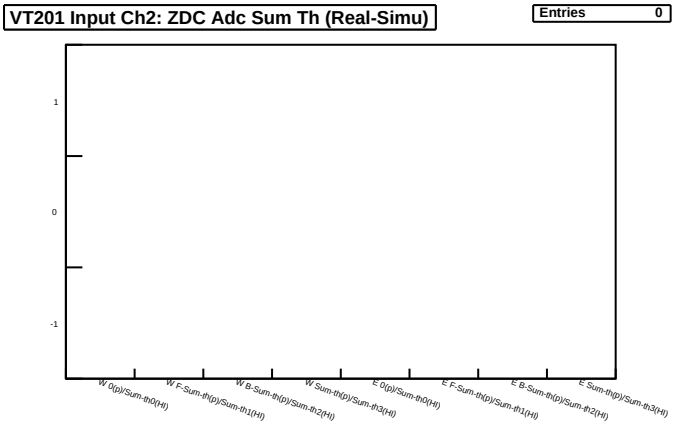

VT201 Input Ch1: EPD Hit Count Th
Entries 653858
322095
321253
4834
5676
East
West

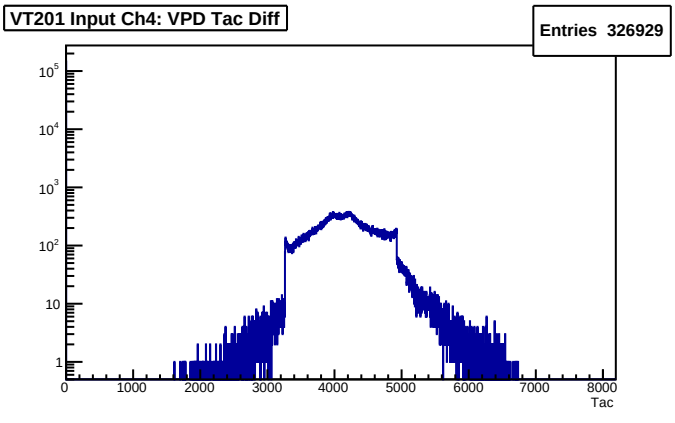

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

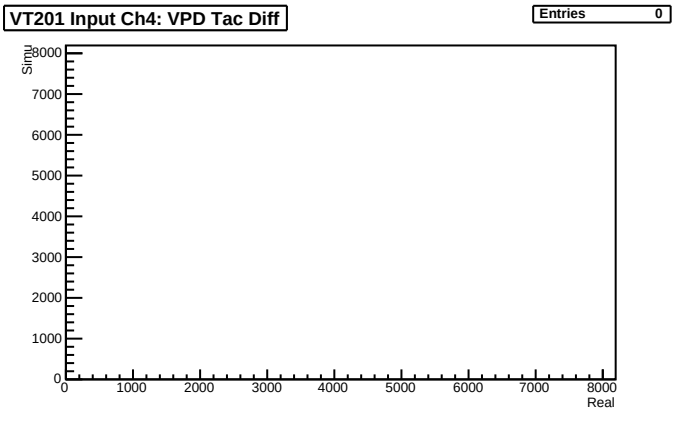

VT201 Input Ch2: ZDC Tac Diff
Entries 326929
Tac

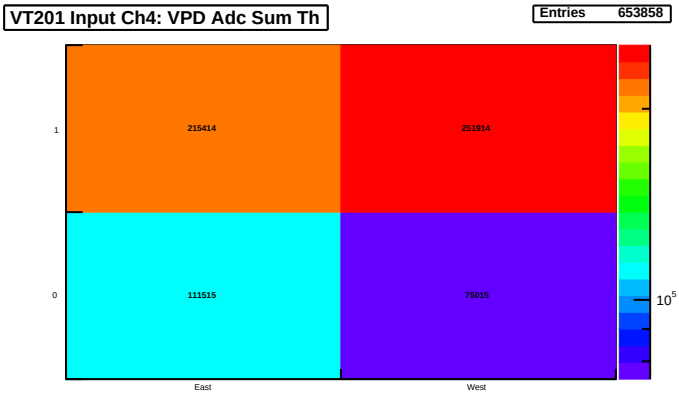

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

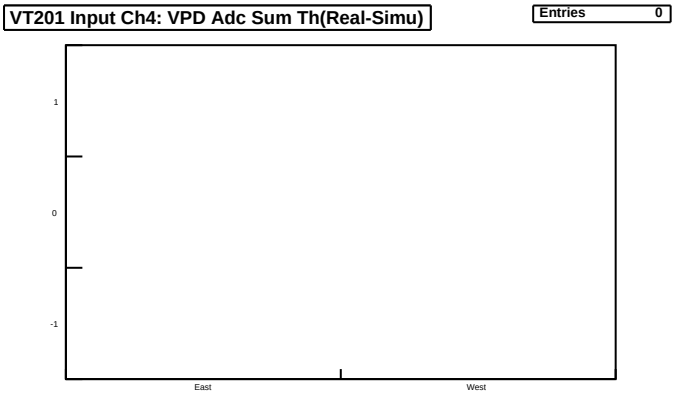

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2615432
9376
2160
15
15
9183
3598
47
35
317553
324769
326914
326914
317746
323331
326882
326894
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

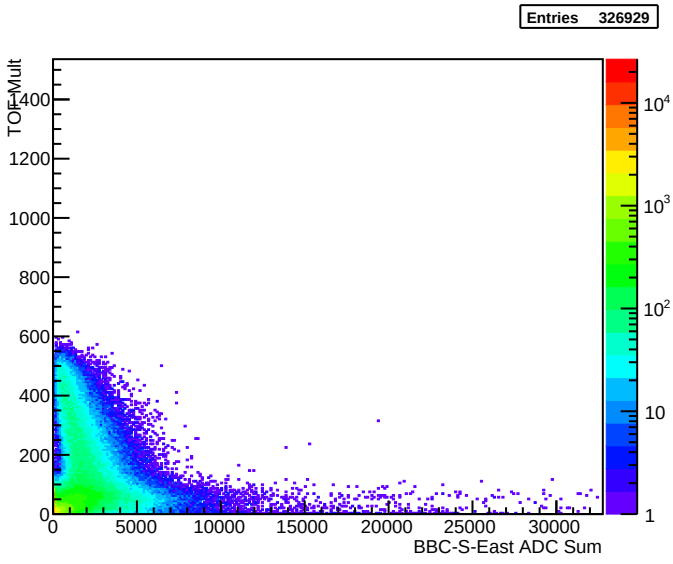

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

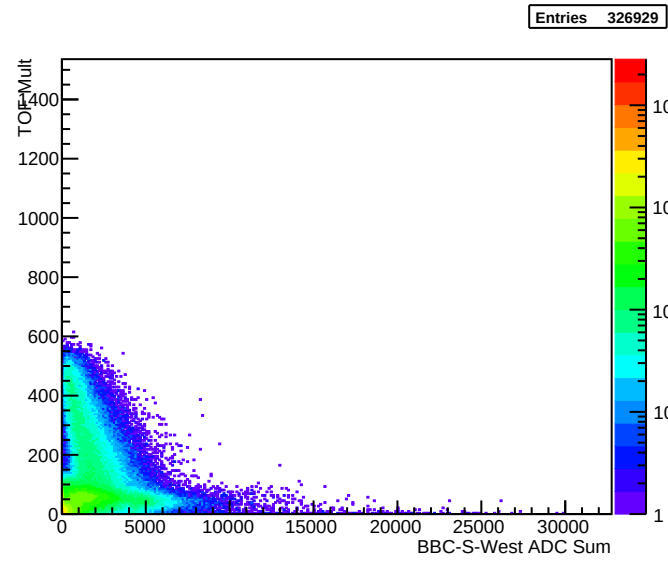

VT201 Input Ch4: VPD Tac Diff
Entries 326929
Tac

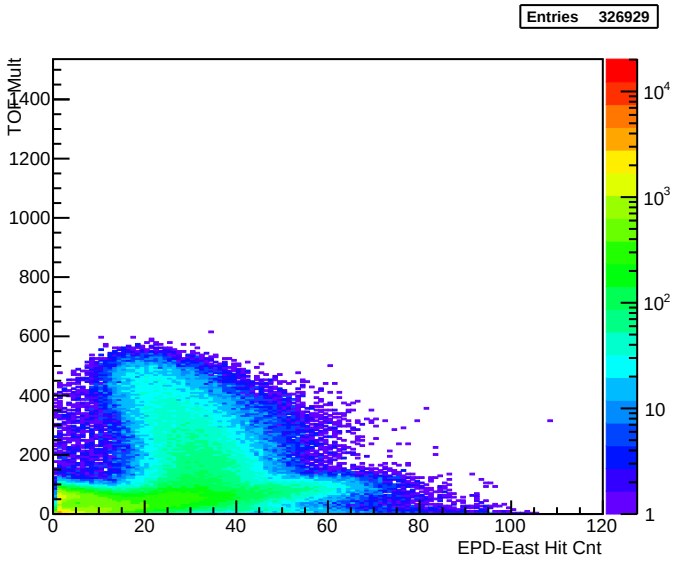

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

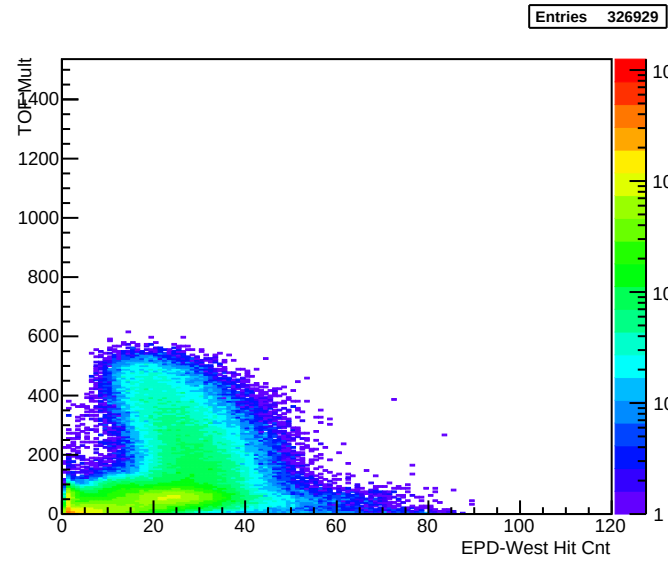

VT201 Input Ch4: VPD Adc Sum Th
Entries 653858
215414
251914
111515
75015
East
West

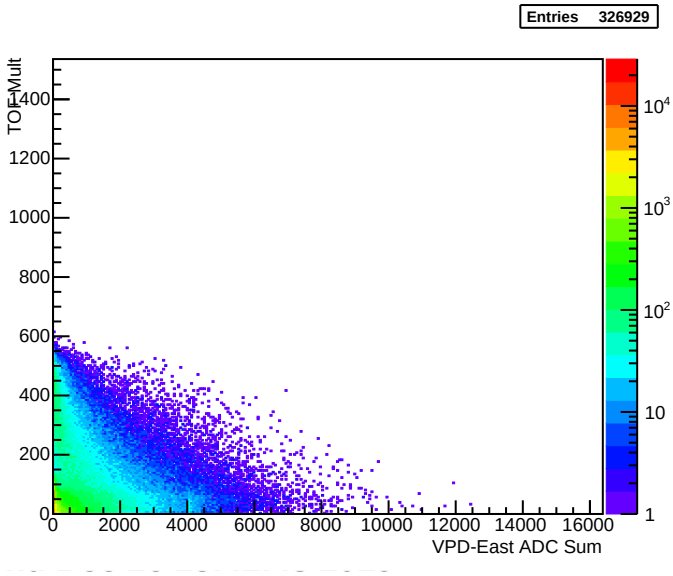

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

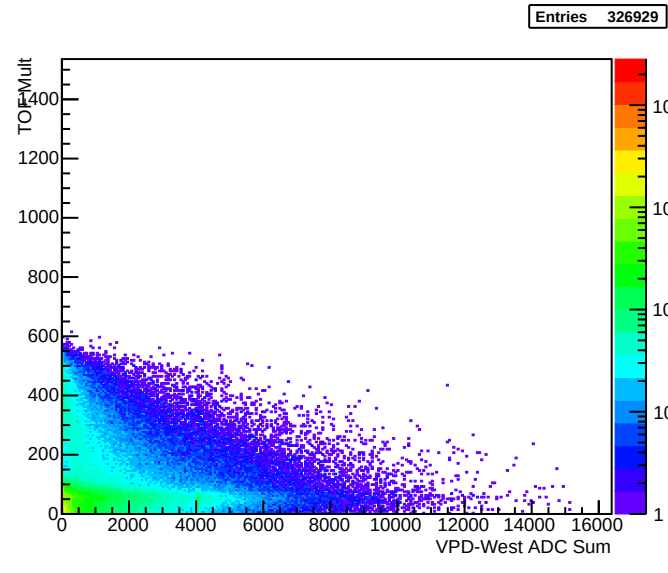

Entries 326929
TOF-Mult
BBC-S-East ADC Sum

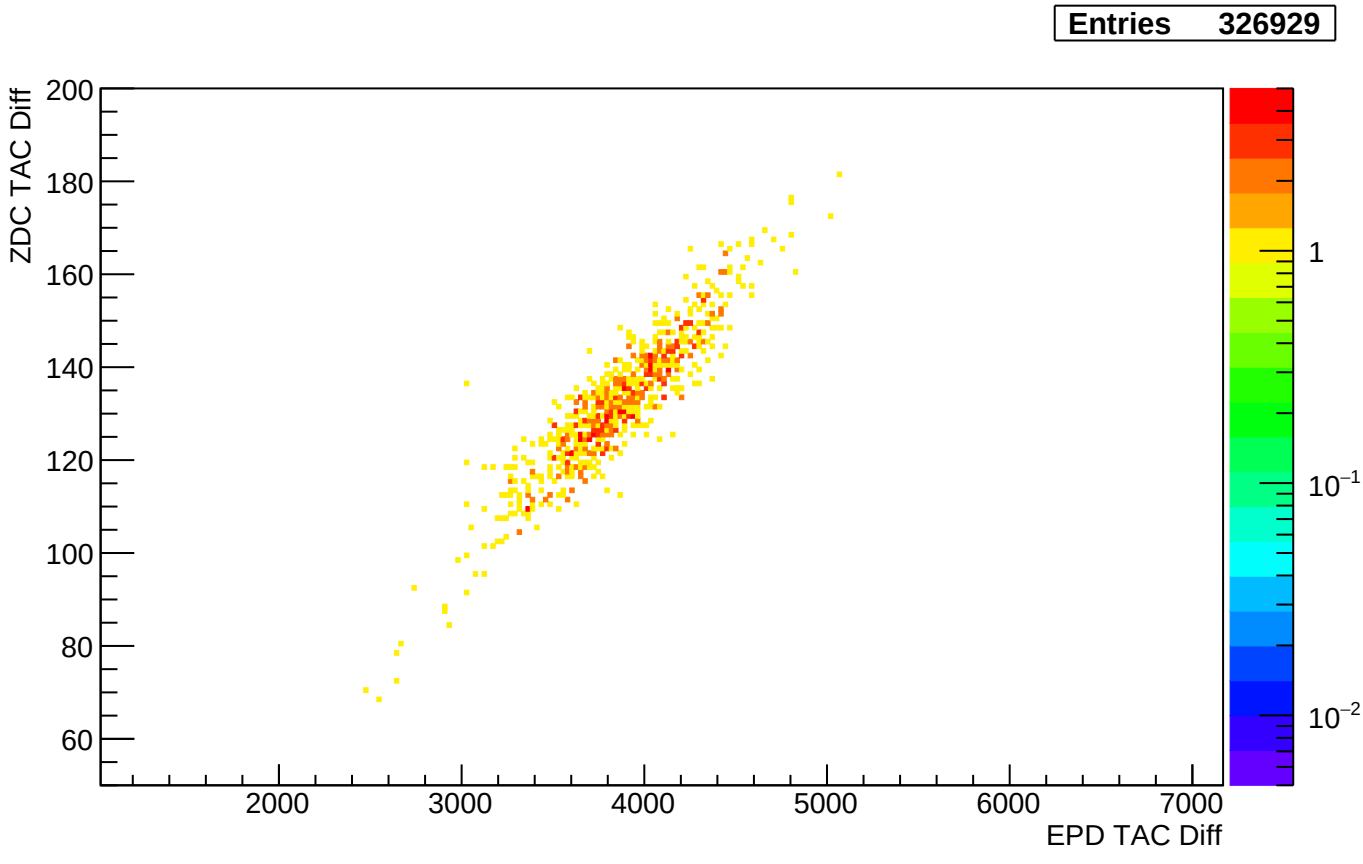

Entries 326929
TOF-Mult
BBC-S-West ADC Sum

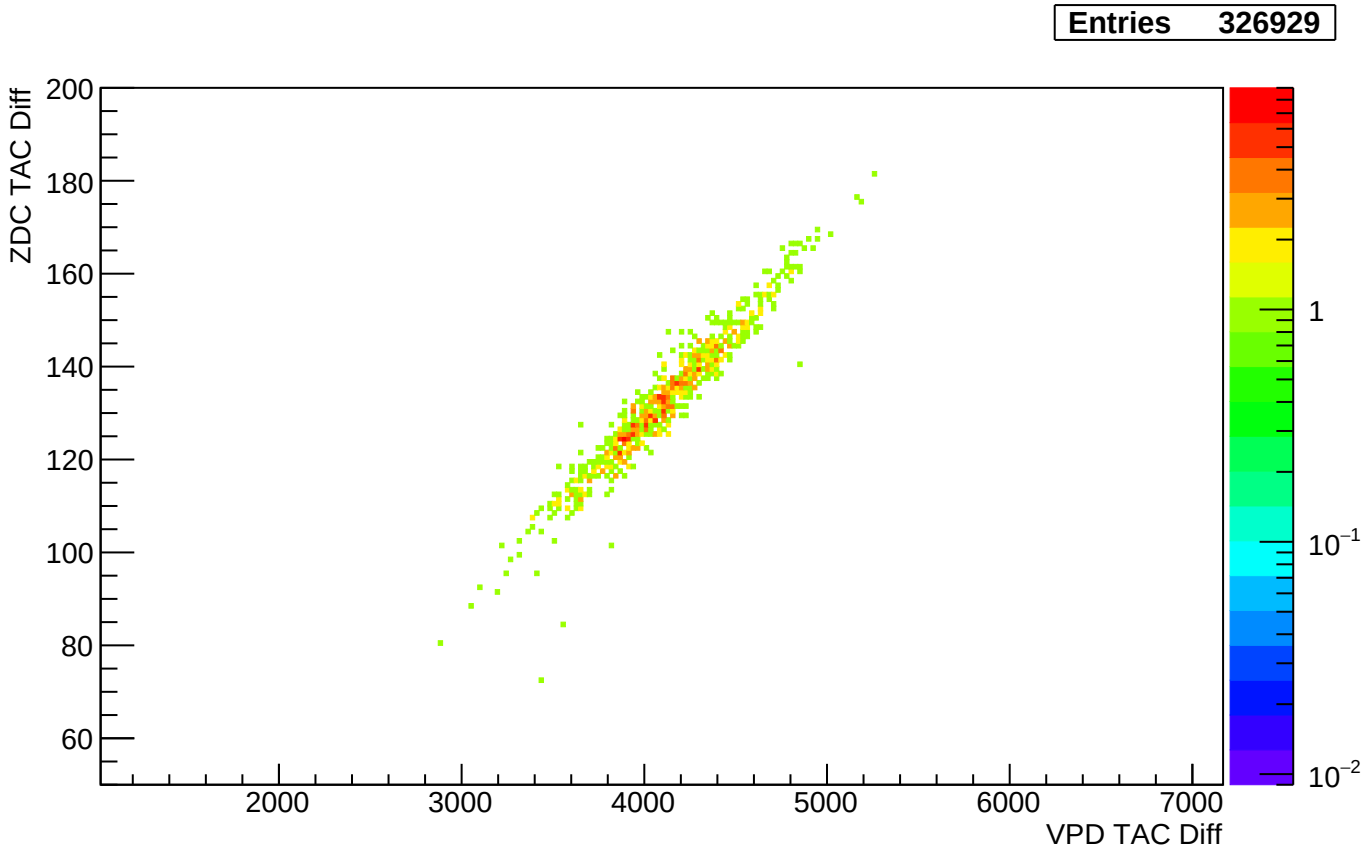

Entries 326929
TOF-Mult
EPD-East Hit Cnt

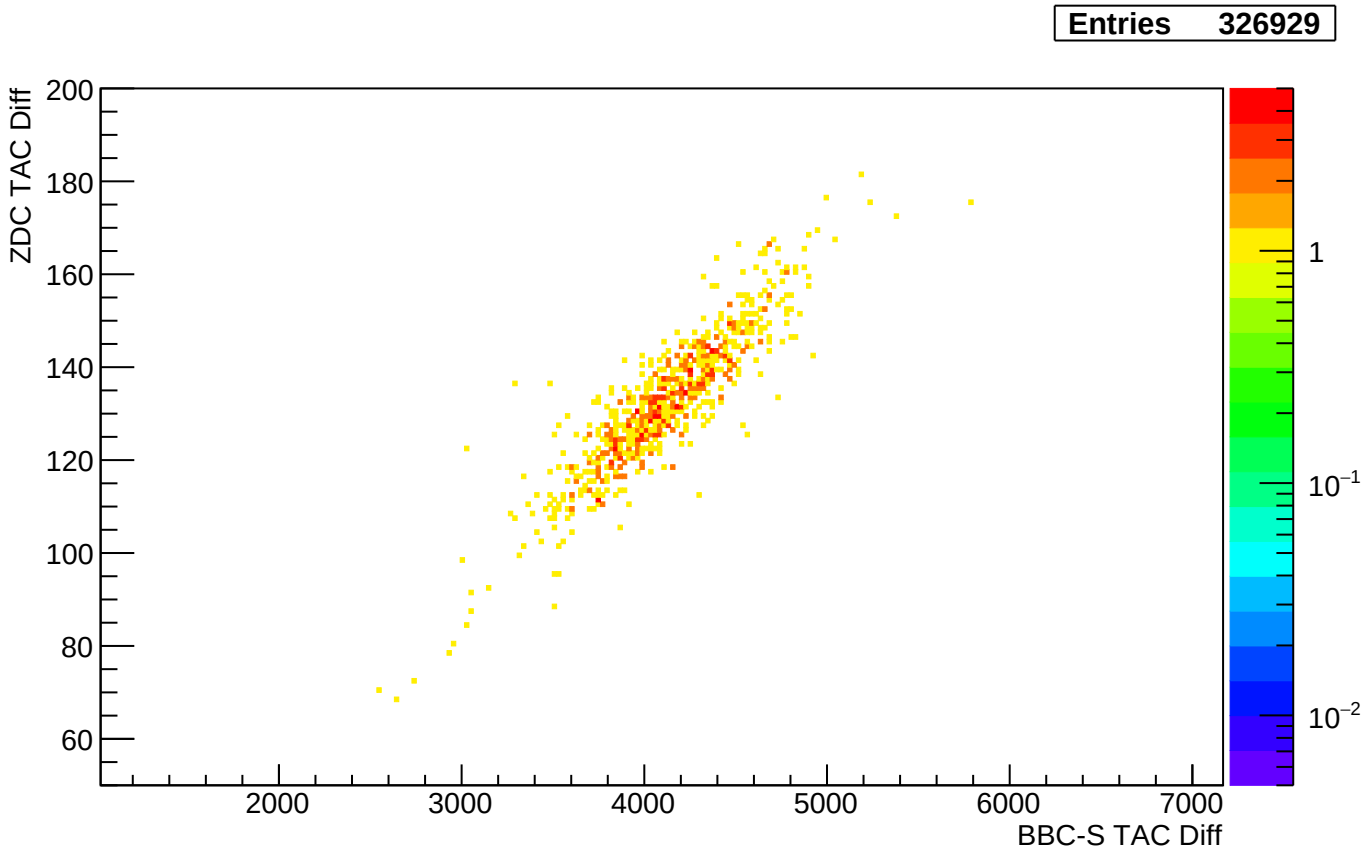

Entries 326929
TOF-Mult
EPD-West Hit Cnt

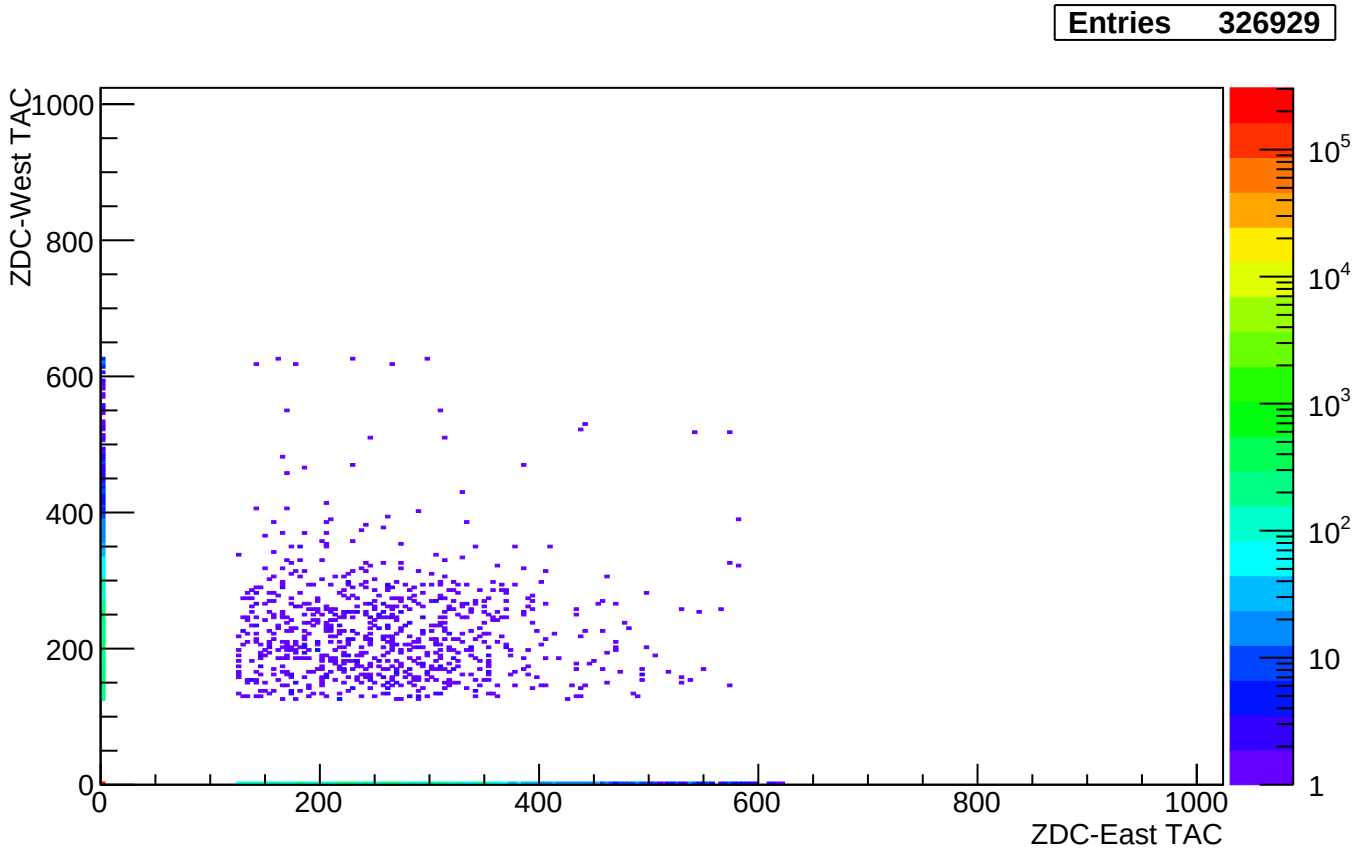

Entries 326929
TOF-Mult
VPD-East ADC Sum

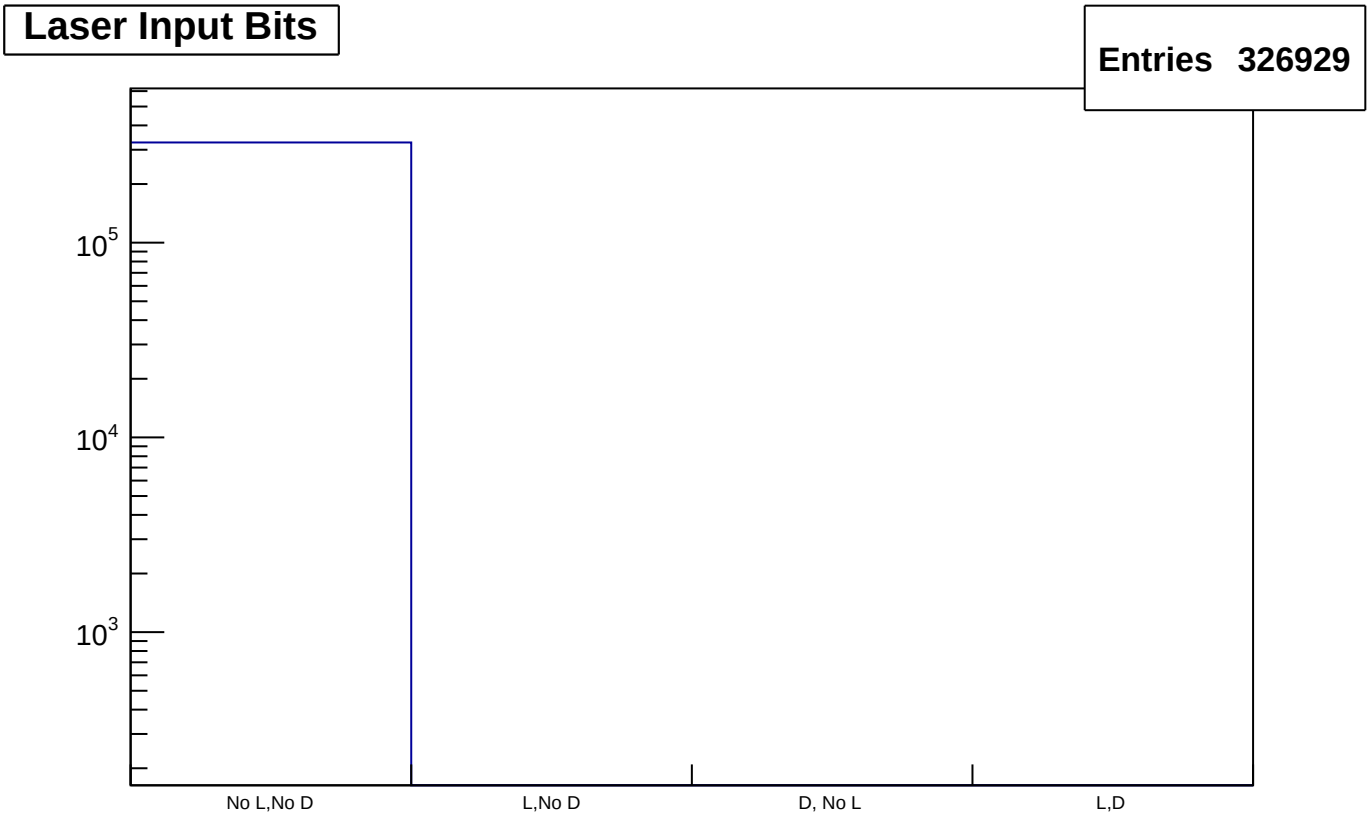

Entries 326929
TOF-Mult
VPD-West ADC Sum

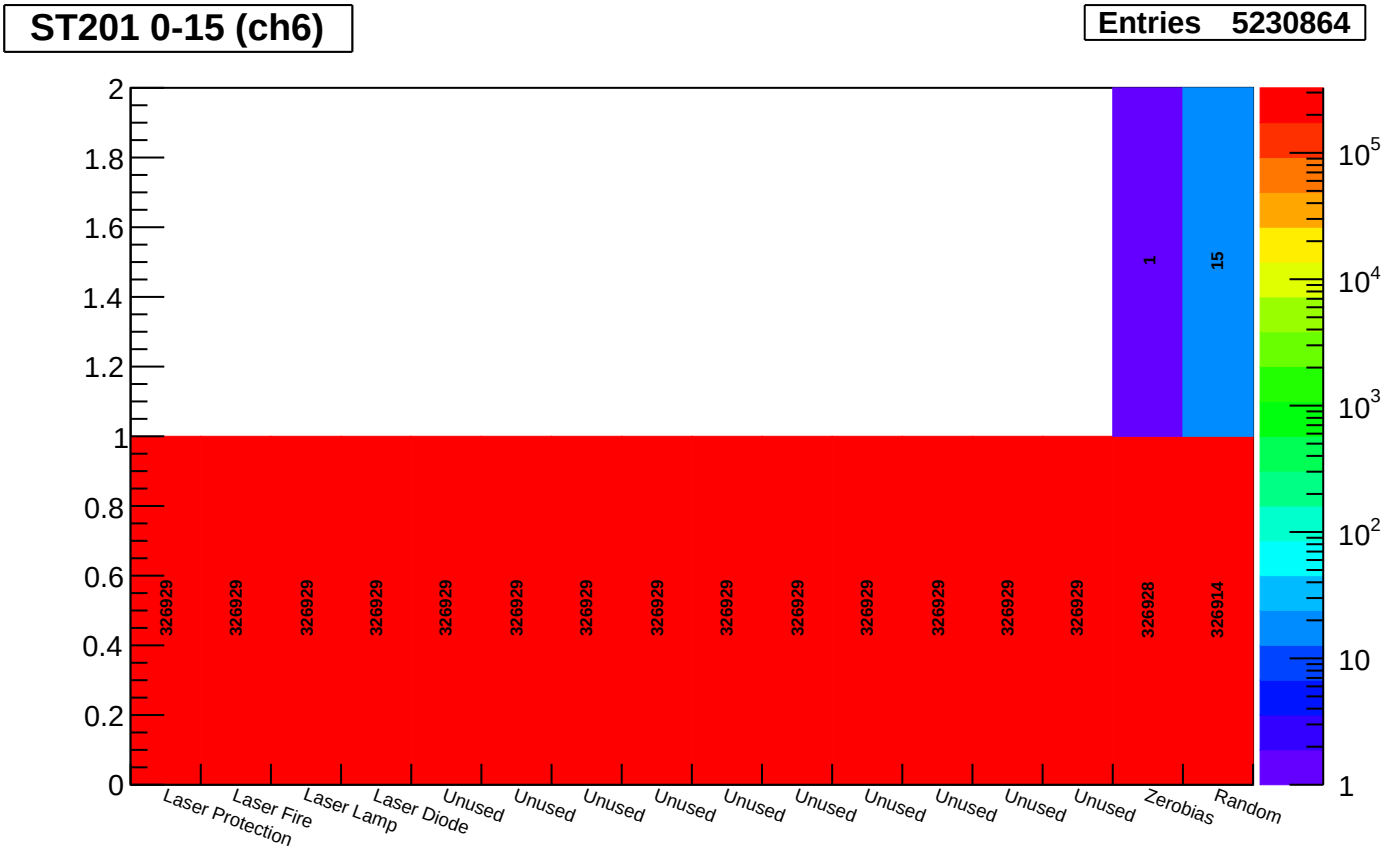

Entries 326929
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

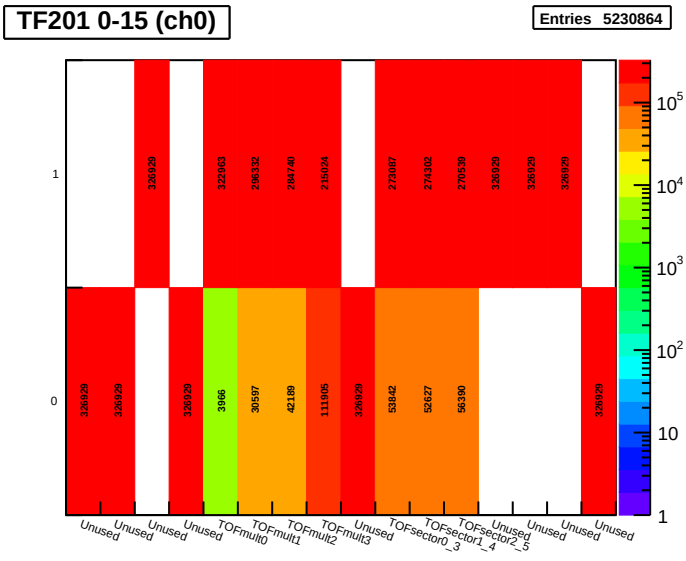

Entries 326929
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

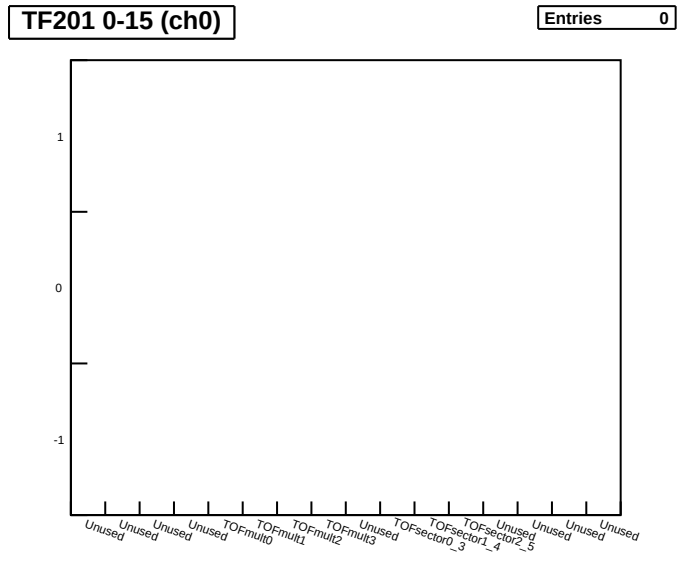

Entries 326929
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

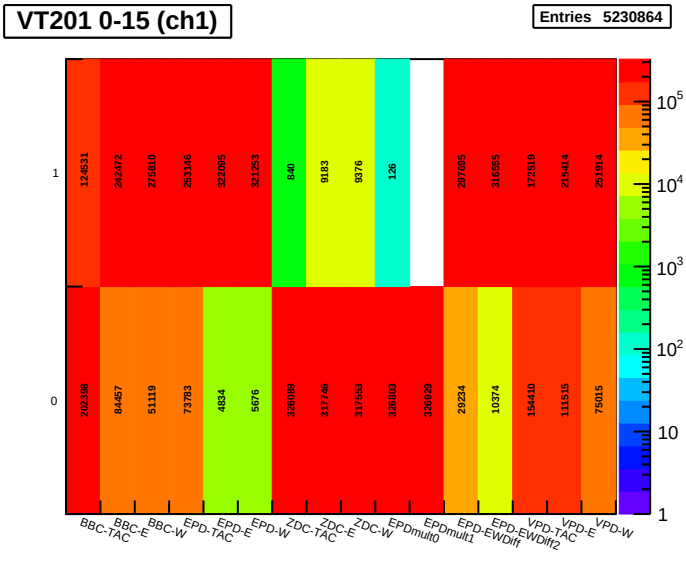

Entries 326929
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

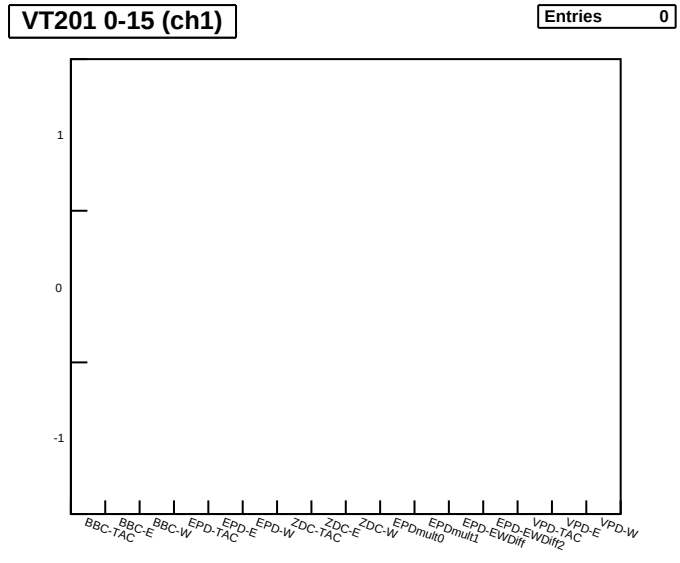

Laser Input Bits
Entries 326929
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

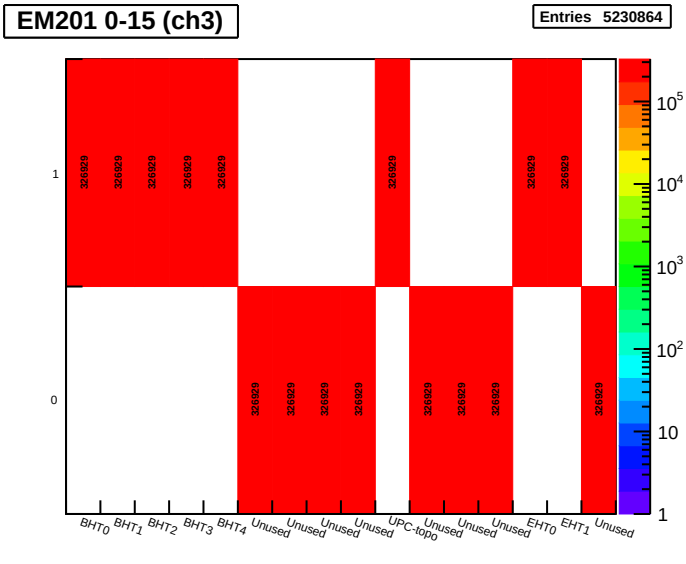

ST201 0-15 (ch6)
Entries 5230864
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
326929
326929
326929
326929
326929
326929
326929
326929
326929
326929
326929
326929
326929
326929
326928
326914
1
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

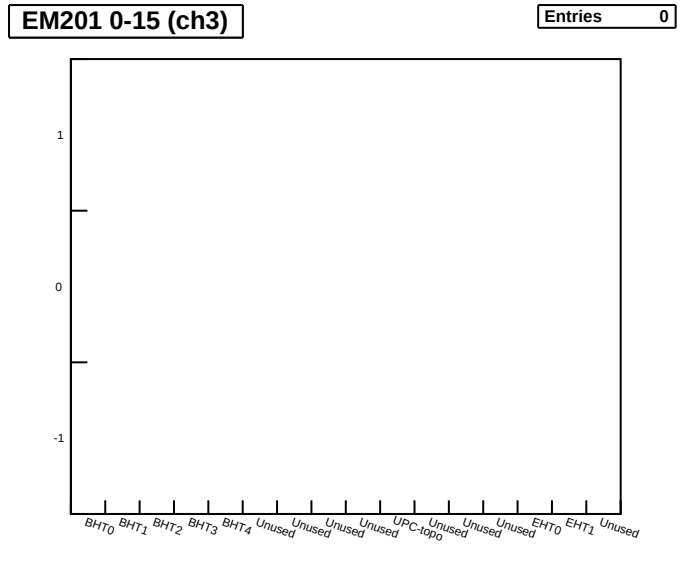

TF201 0-15 (ch0)
Entries 5230864
1
0
326929
322963
296332
284740
215024
273087
274302
270539
326929
326929
326929
326929
326929
3966
30597
42189
111905
53842
52627
56390
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5230864
1
0
124531
242472
275810
253146
322095
321253
840
9183
9376
126
297695
316555
172519
215414
251914
202398
84457
51119
73783
4834
5676
326089
317746
317553
326803
326929
29234
10374
154410
111515
75015
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 5230864
1
0
326929
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