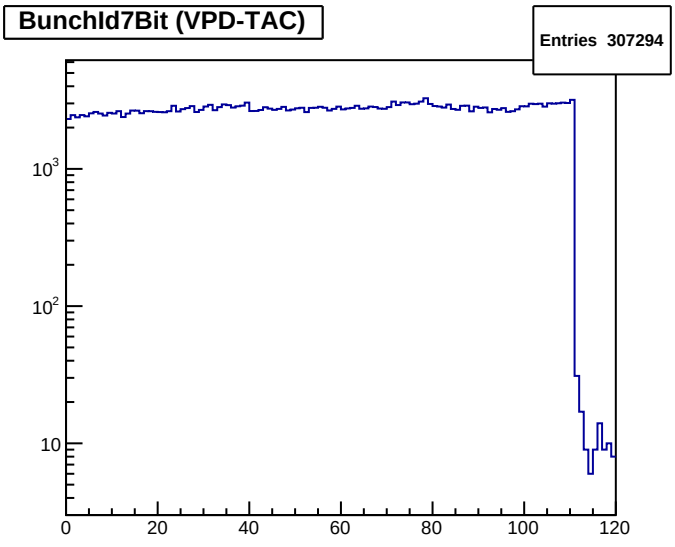
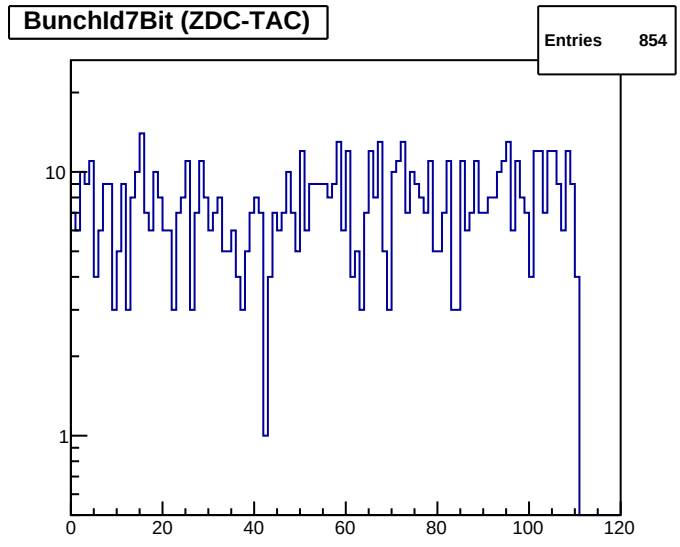
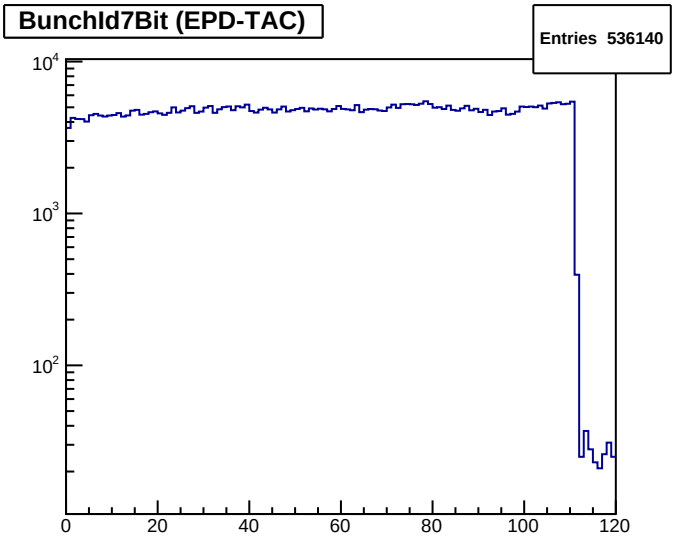
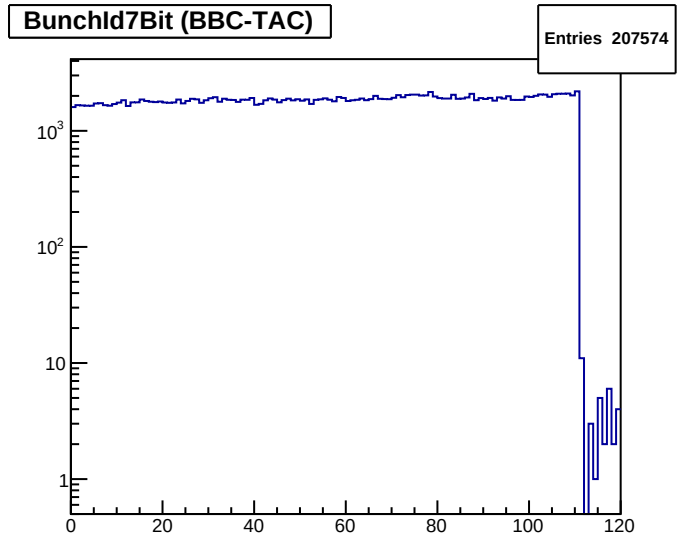
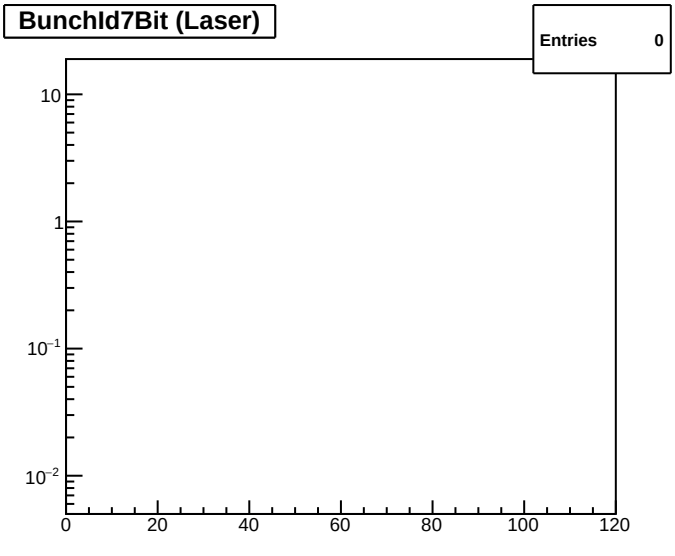
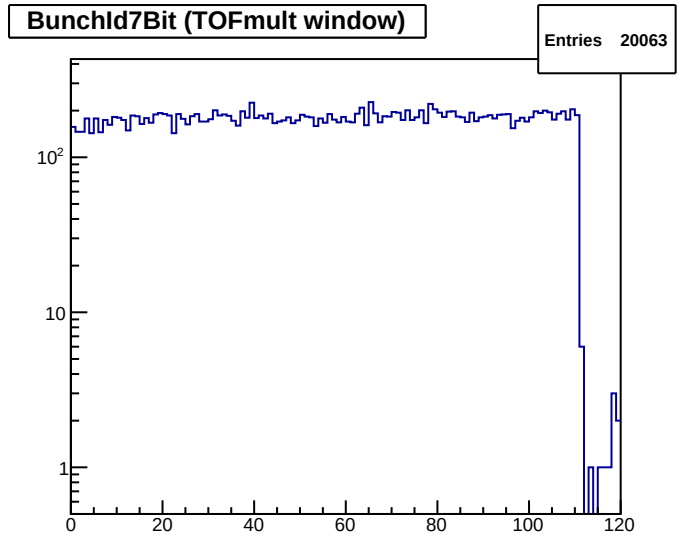

BunchId7Bit (VPD-TAC)
Entries 307294

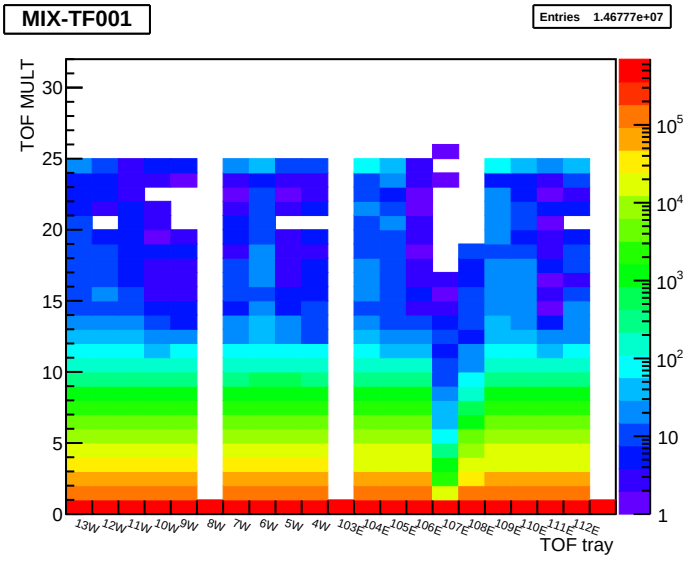

BunchId7Bit (ZDC-TAC)
Entries 854

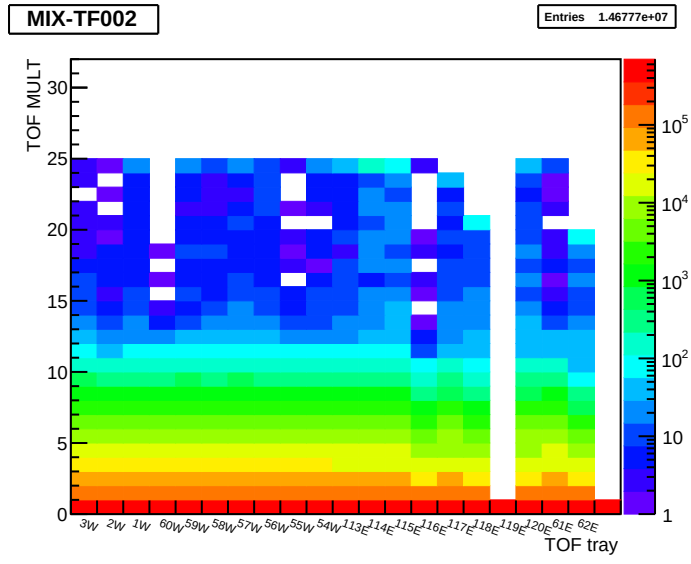

BunchId7Bit (EPD-TAC)
Entries 536140

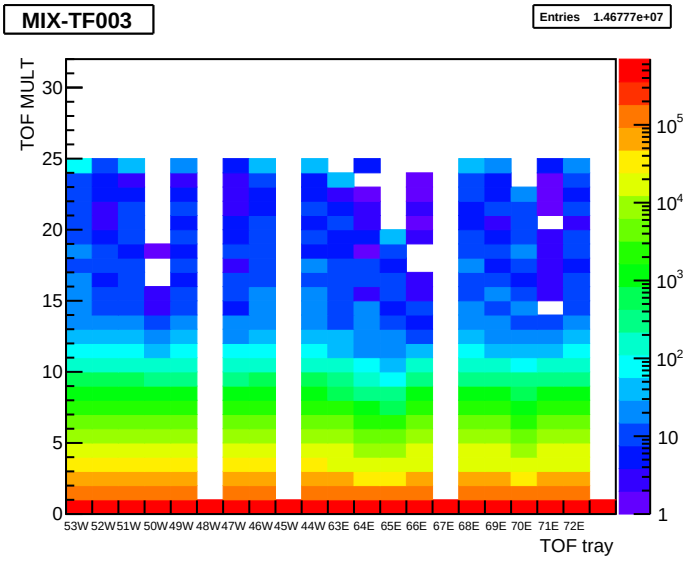

BunchId7Bit (BBC-TAC)
Entries 207574

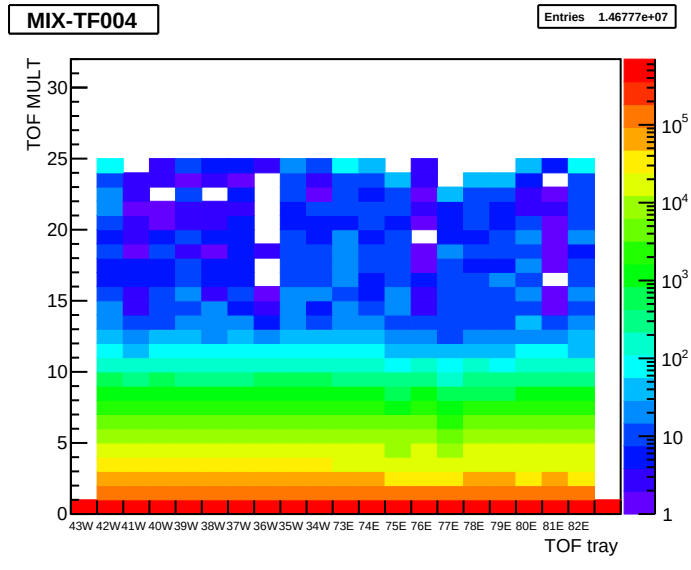

BunchId7Bit (Laser)
Entries 0

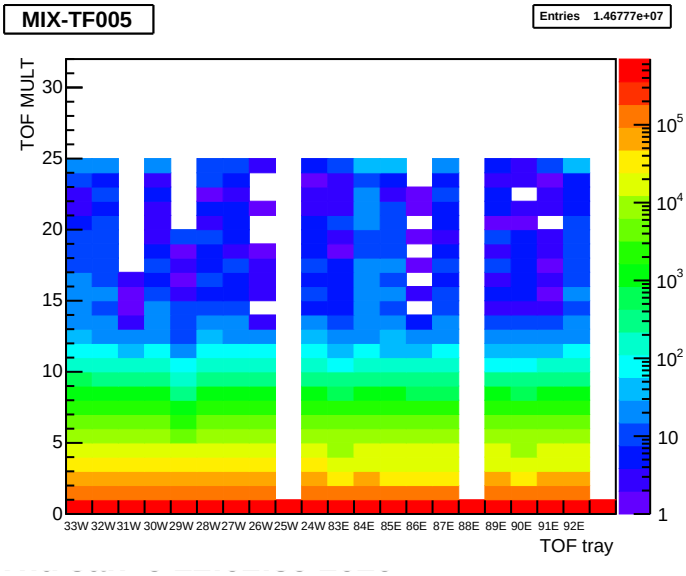

BunchId7Bit (TOFmult window)
Entries 20063

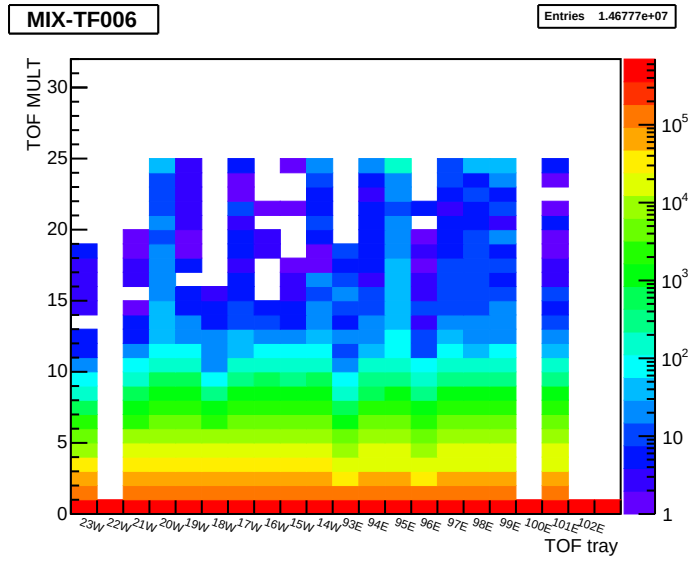

MIX-TF001
Entries 1.46777e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

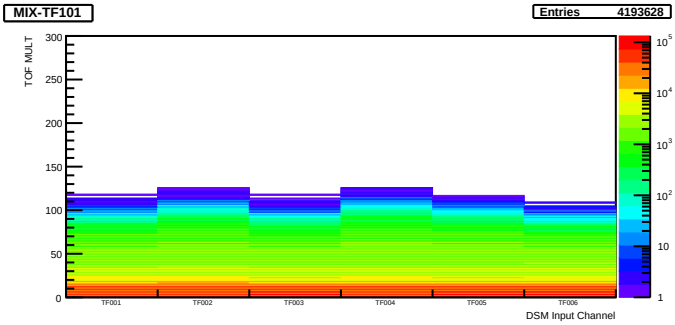

MIX-TF002
Entries 1.46777e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

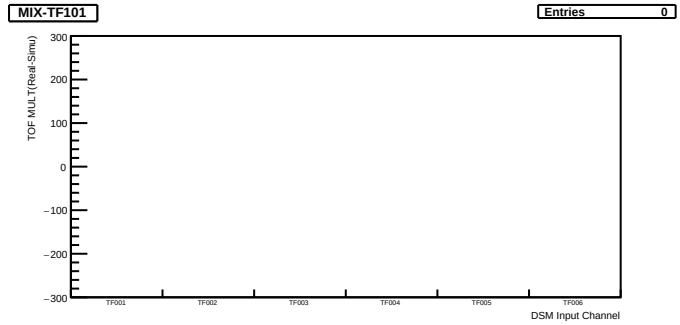

MIX-TF003
Entries 1.46777e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

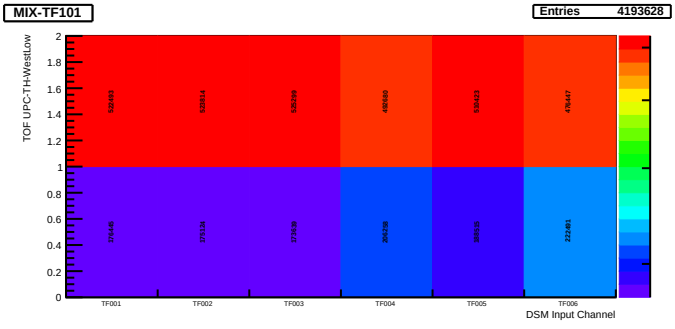

MIX-TF004
Entries 1.46777e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

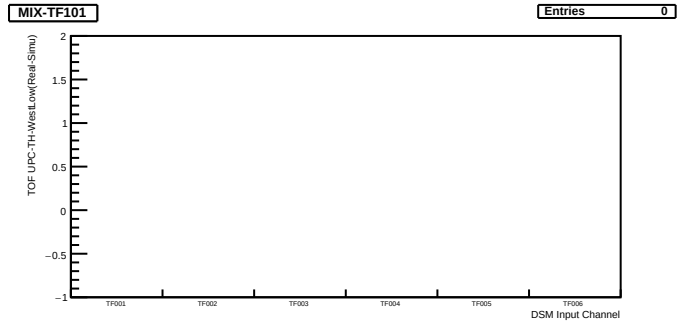

MIX-TF005
Entries 1.46777e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

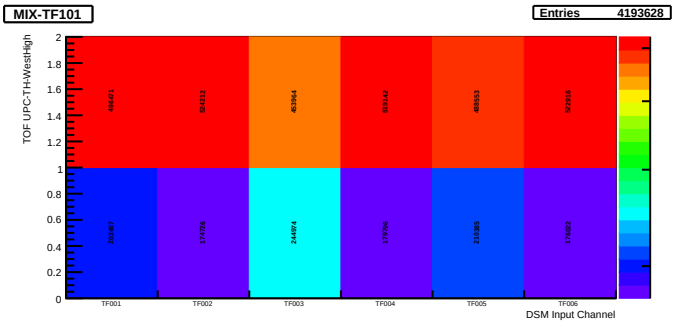

MIX-TF006
Entries 1.46777e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

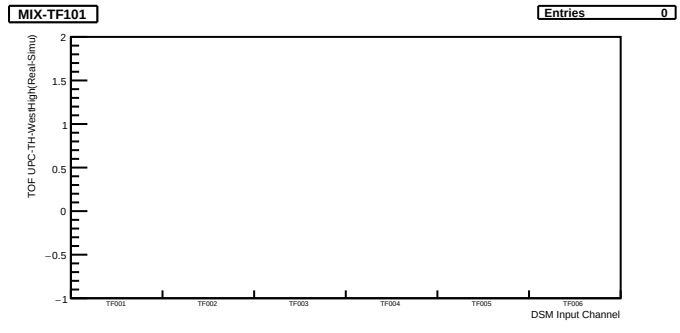

MIX-TF101
Entries 4193628
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

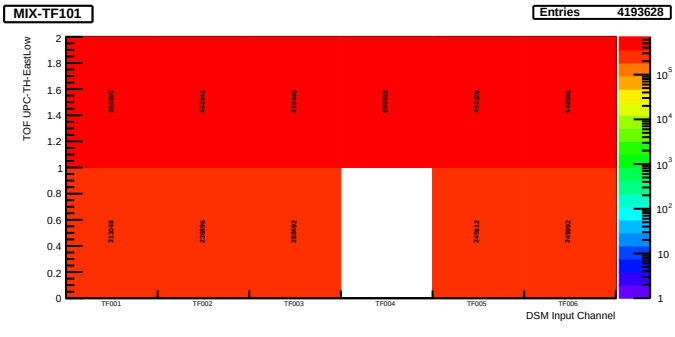

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

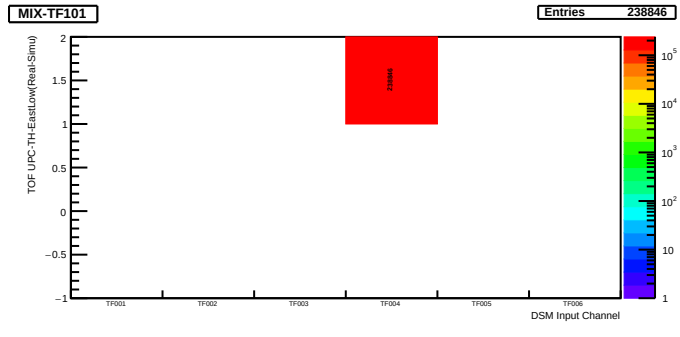

MIX-TF101
Entries 4193628
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

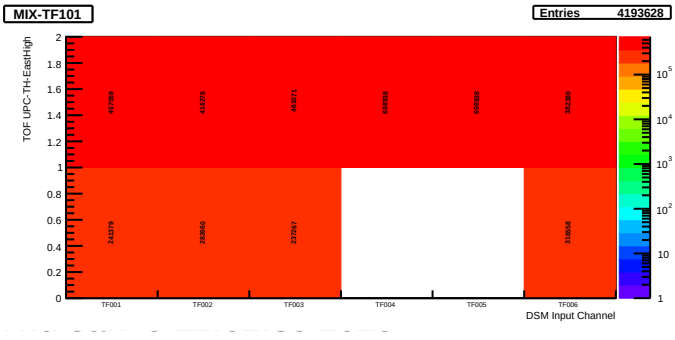

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

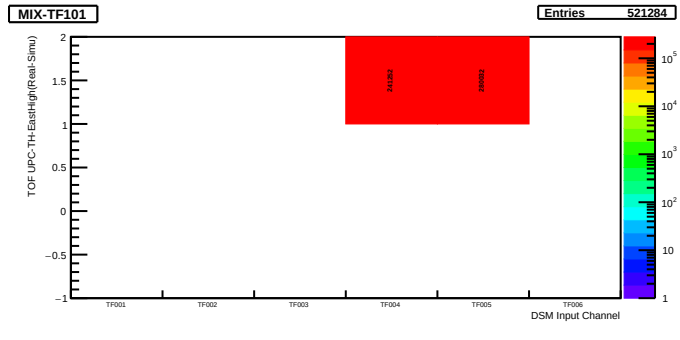

MIX-TF101
Entries 4193628
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

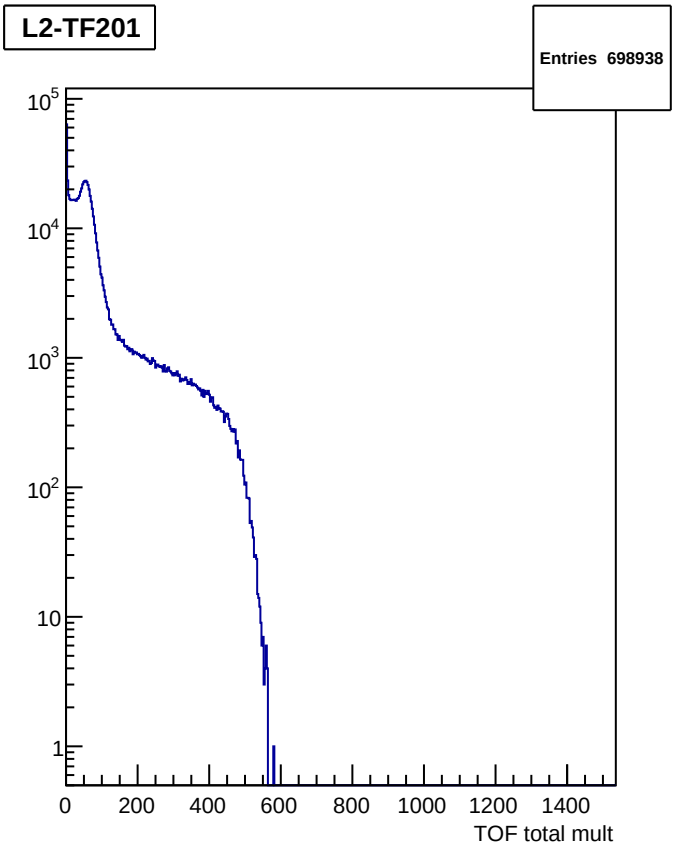

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

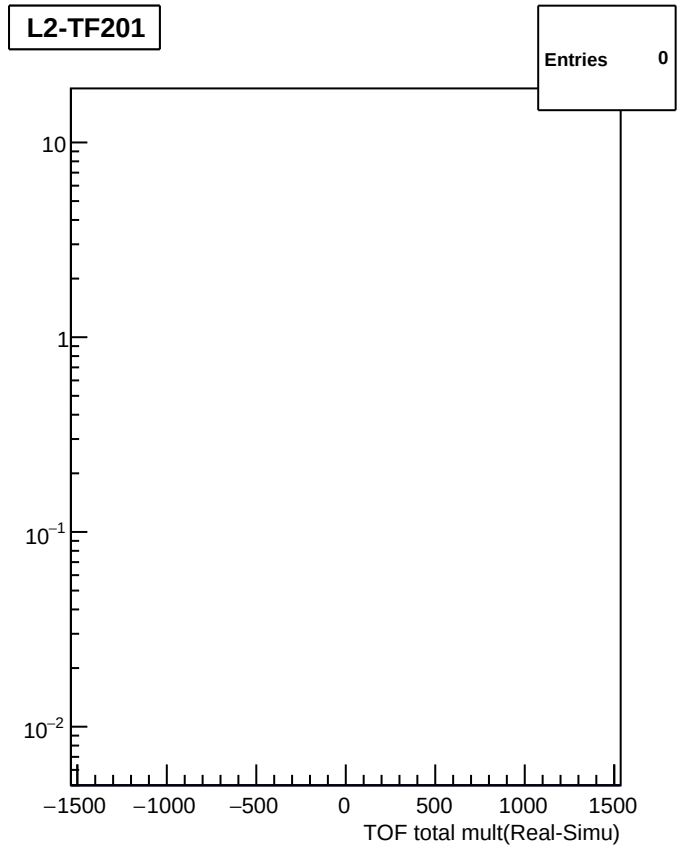

MIX-TF101
Entries 4193628
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

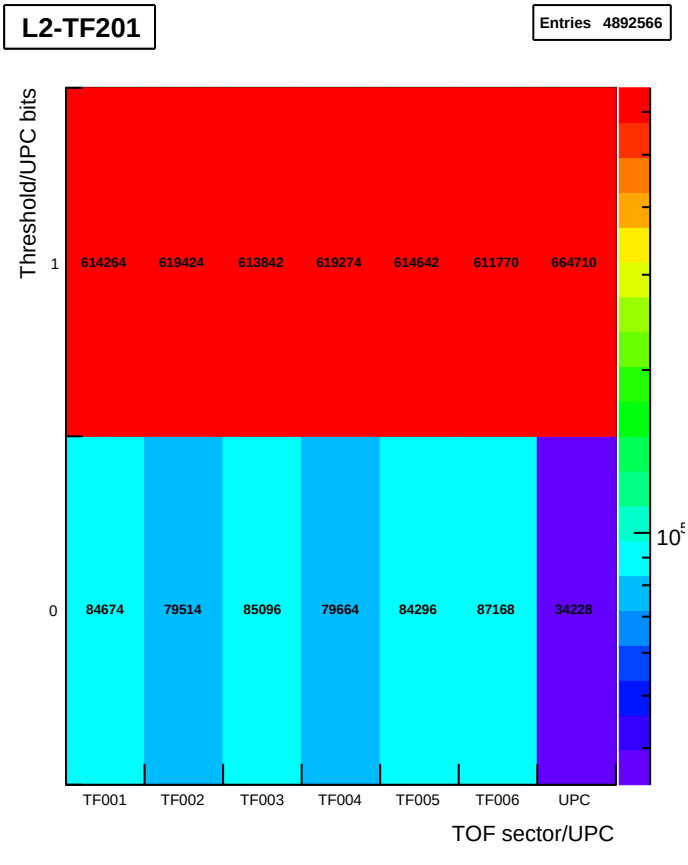

MIX-TF101
Entries 238846
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

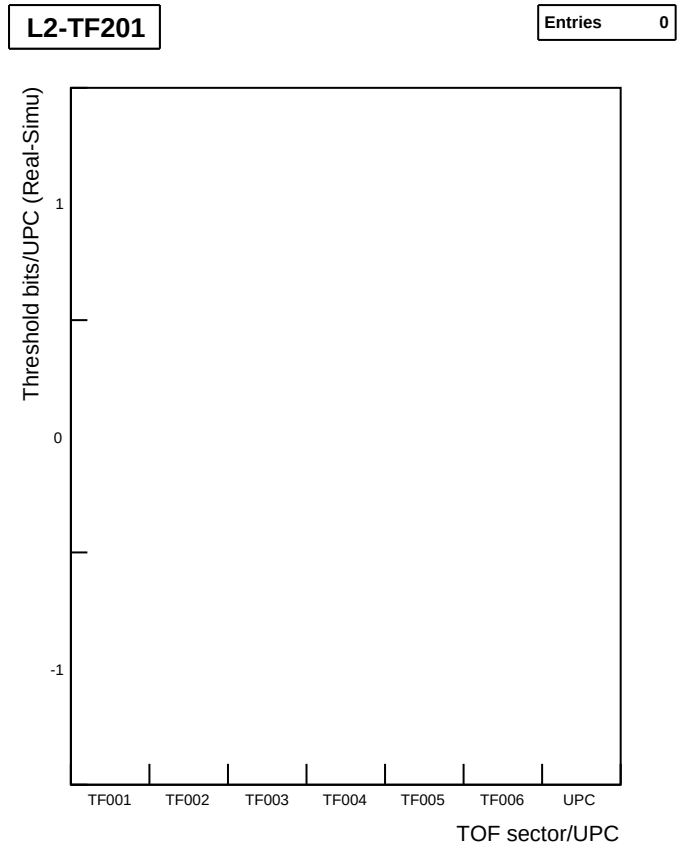

MIX-TF101
Entries 4193628
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

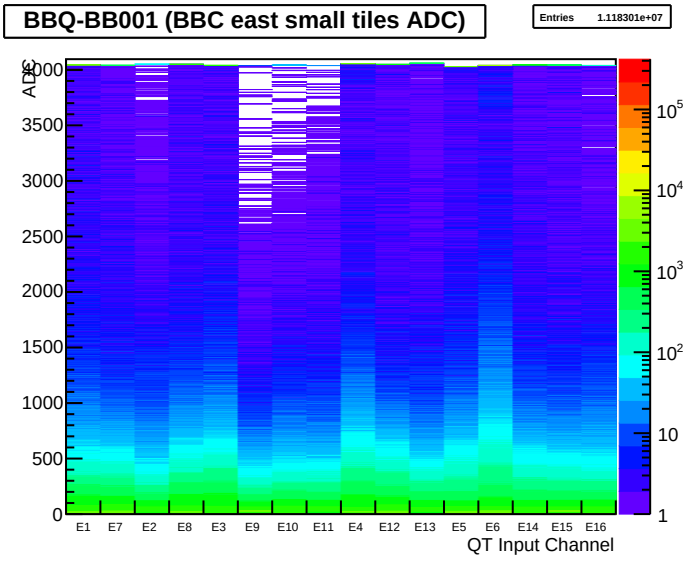

MIX-TF101
Entries 521284
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

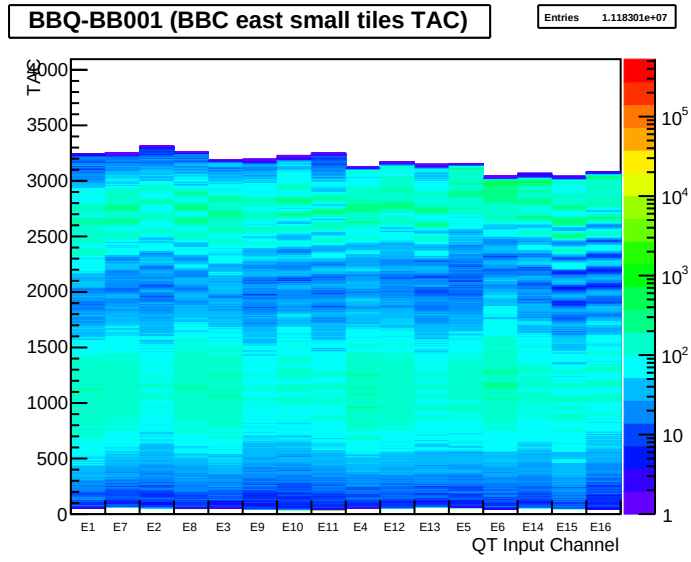

L2-TF201
Entries 698938
TOF total mult

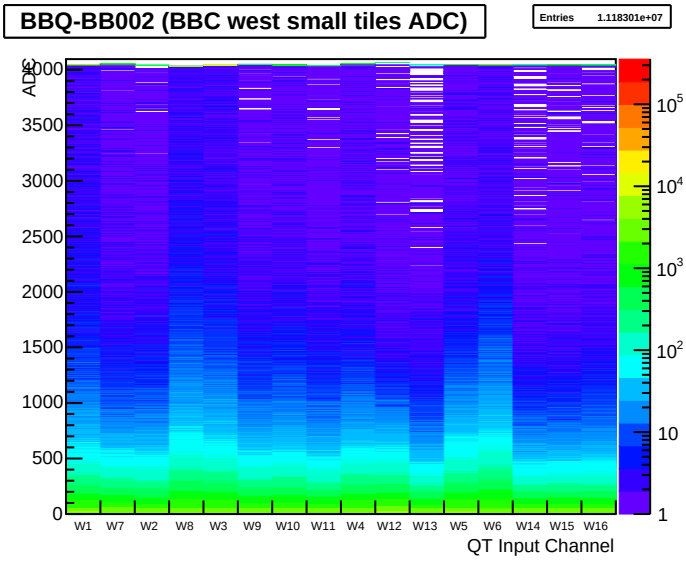

L2-TF201
Entries 0
TOF total mult(Real-Simu)

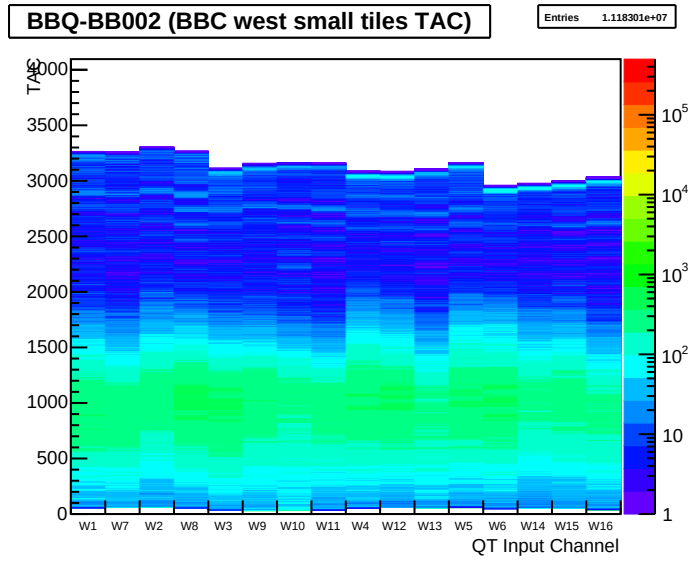

L2-TF201
Entries 4892566
Threshold/UPC bits
614264
619424
613842
619274
614642
611770
664710
84674
79514
85096
79664
84296
87168
34228
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

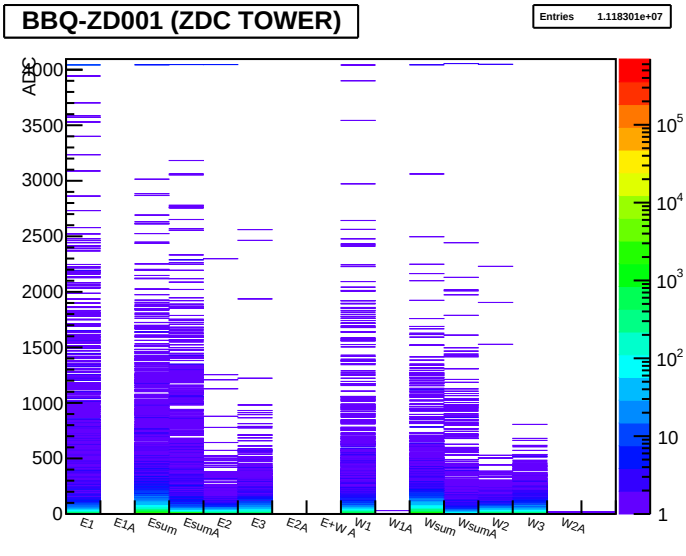

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

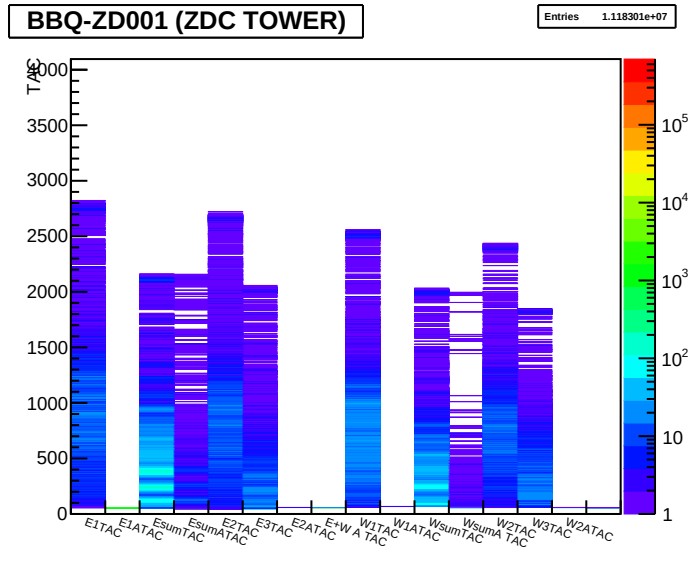

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.118301e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

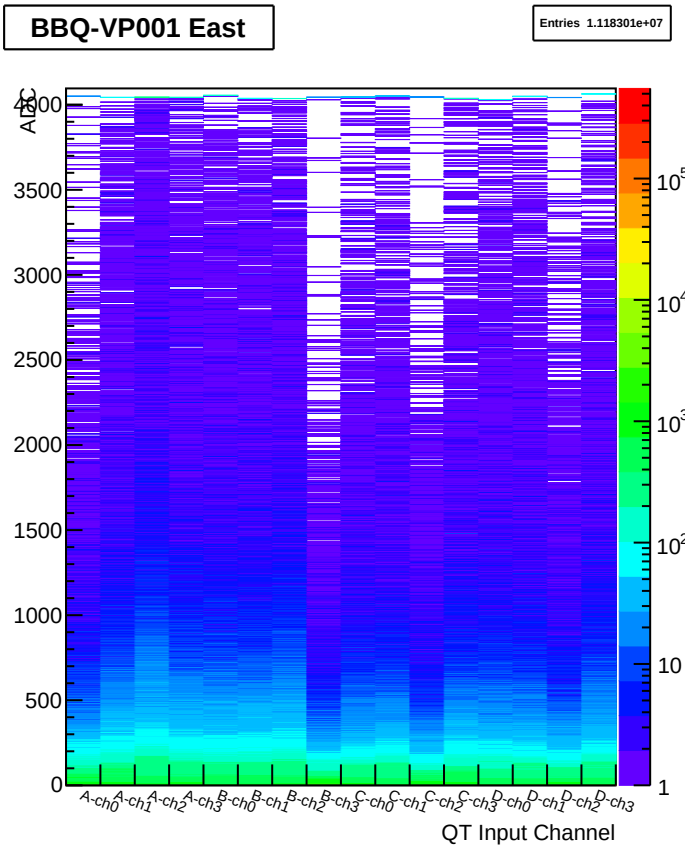

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.118301e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

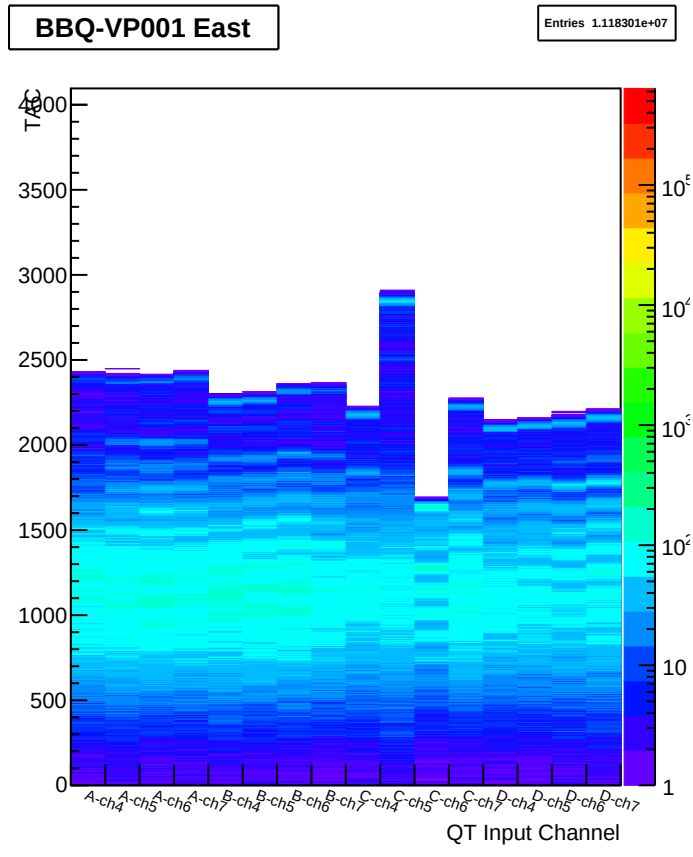

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.118301e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

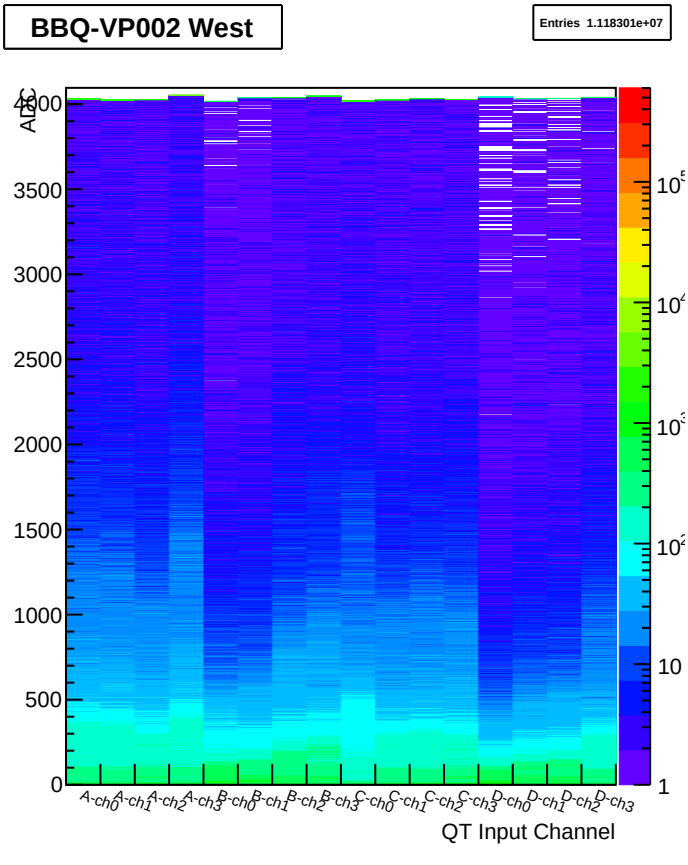

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.118301e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

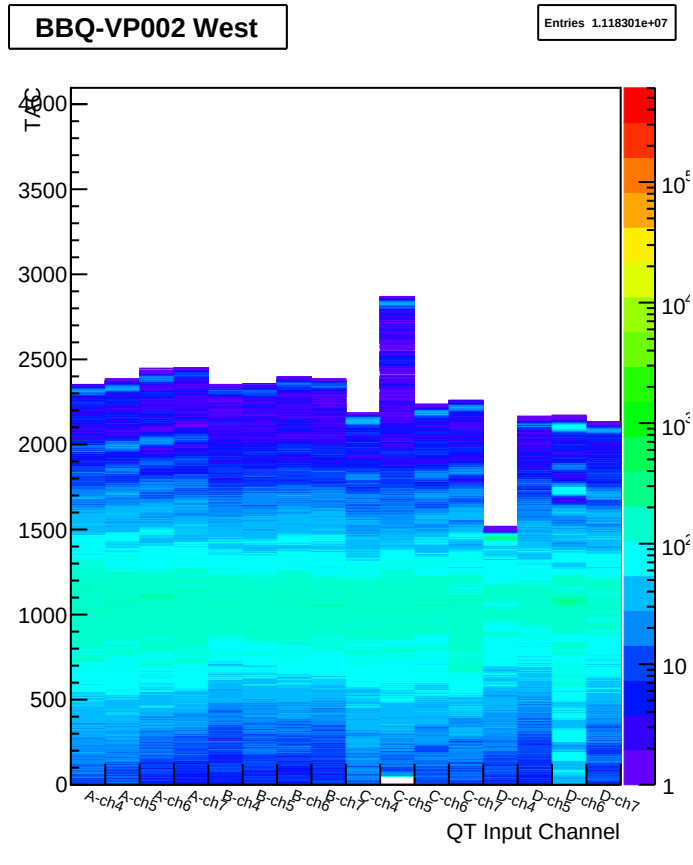

BBQ-ZD001 (ZDC TOWER)
Entries 1.118301e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

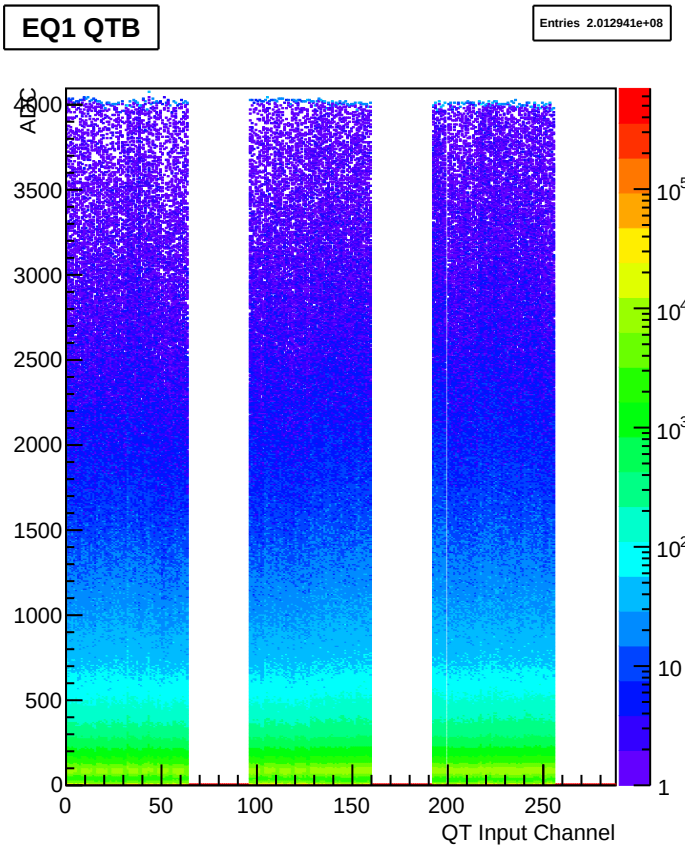

BBQ-ZD001 (ZDC TOWER)
Entries 1.118301e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

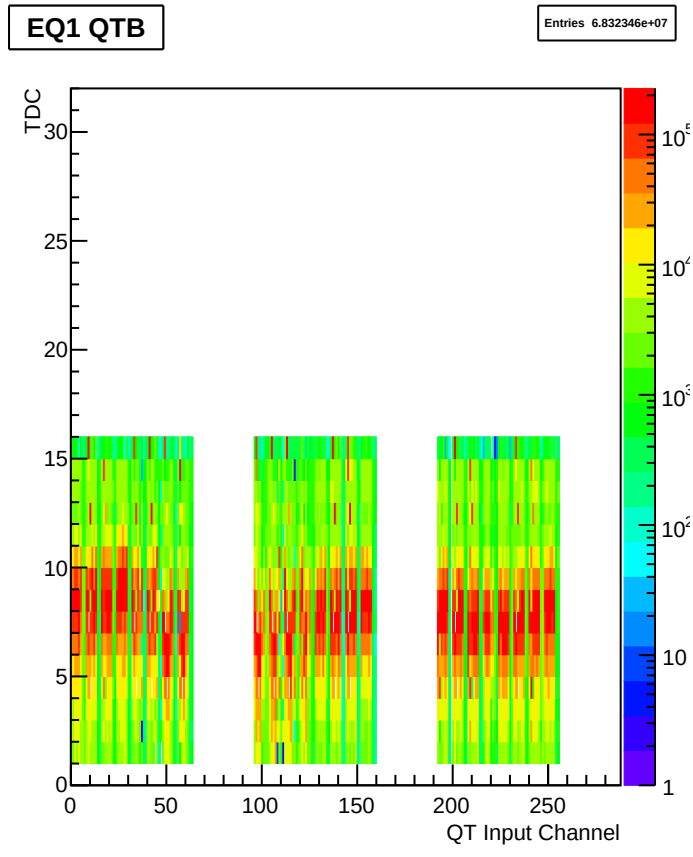

BBQ-VP001 East
Entries 1.118301e+07
ADC
QT Input Channel

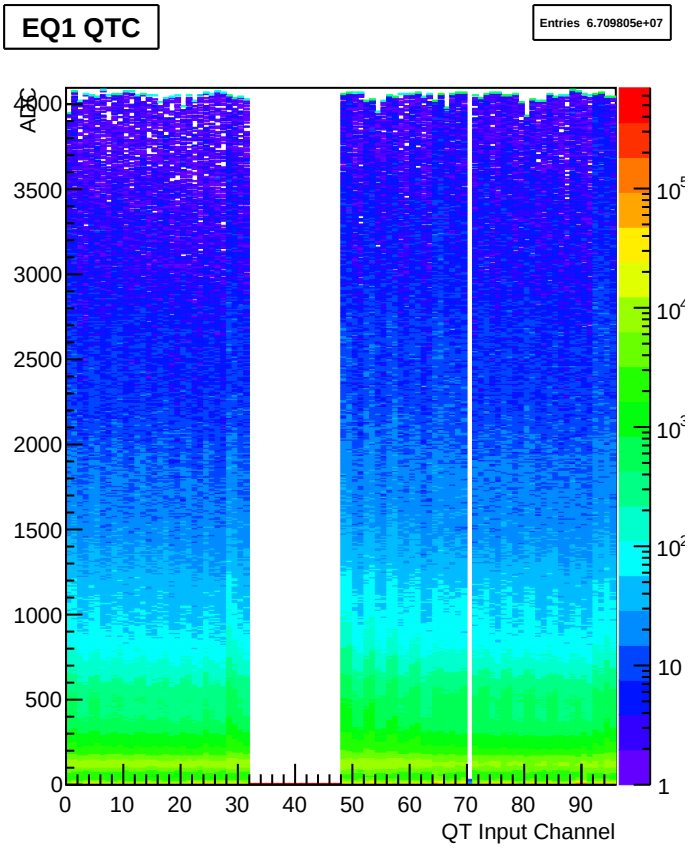

BBQ-VP001 East
Entries 1.118301e+07
ADC
QT Input Channel

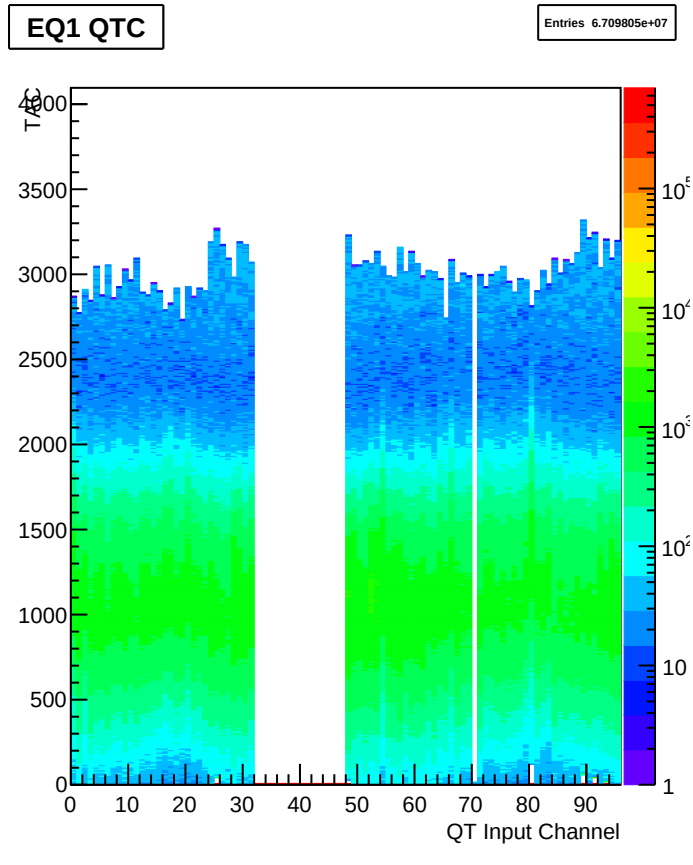

BBQ-VP002 West
Entries 1.118301e+07
ADC
QT Input Channel

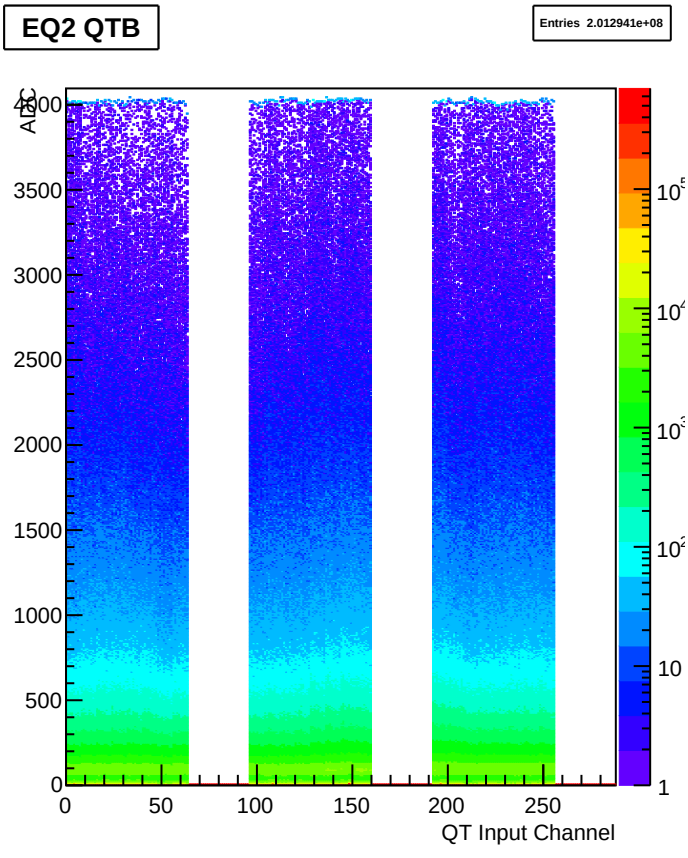

BBQ-VP002 West
Entries 1.118301e+07
ADC
QT Input Channel

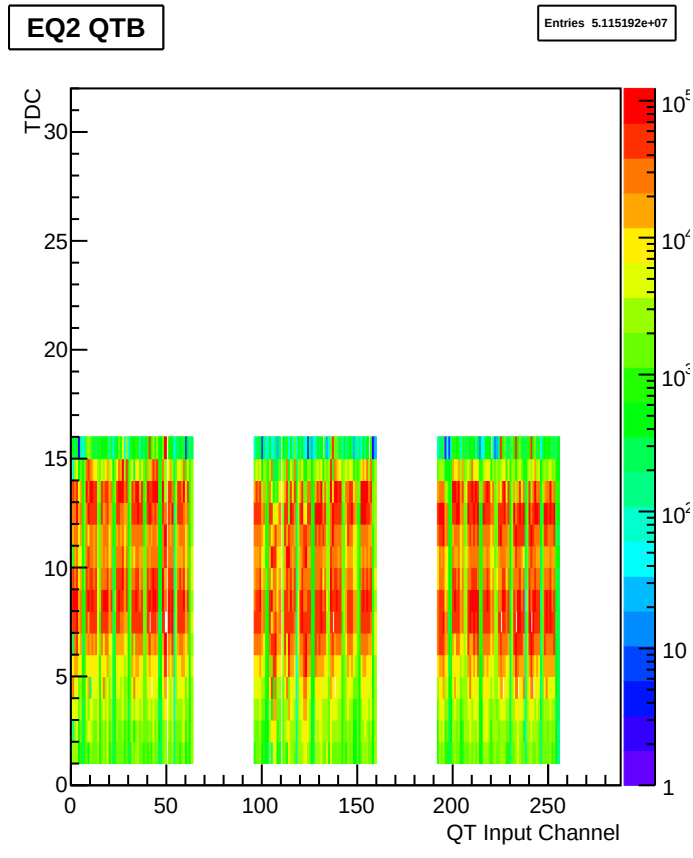

EQ1 QTB
Entries 2.012941e+08
ADC
QT Input Channel

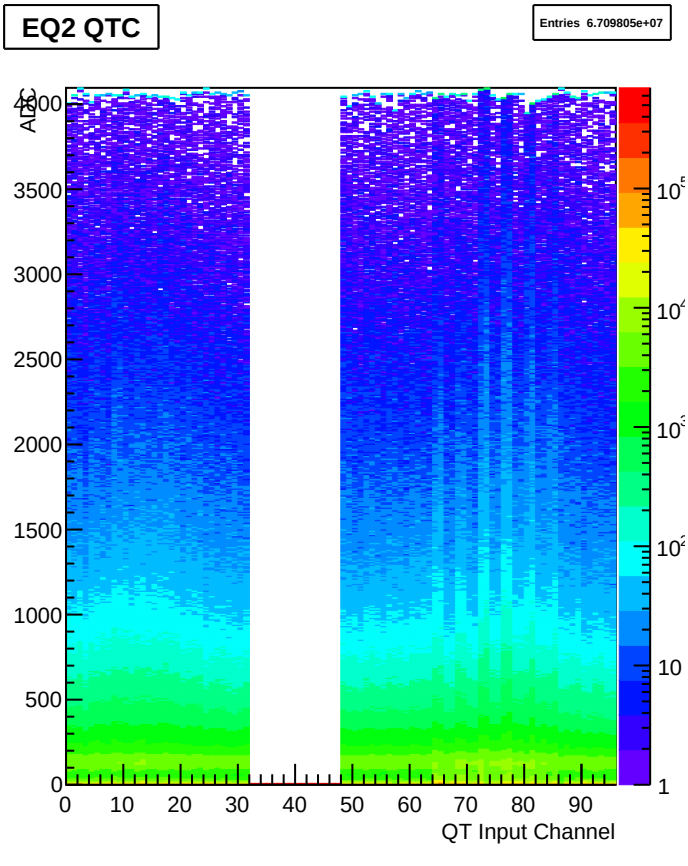

EQ1 QTB
Entries 6.832346e+07
TDC
QT Input Channel

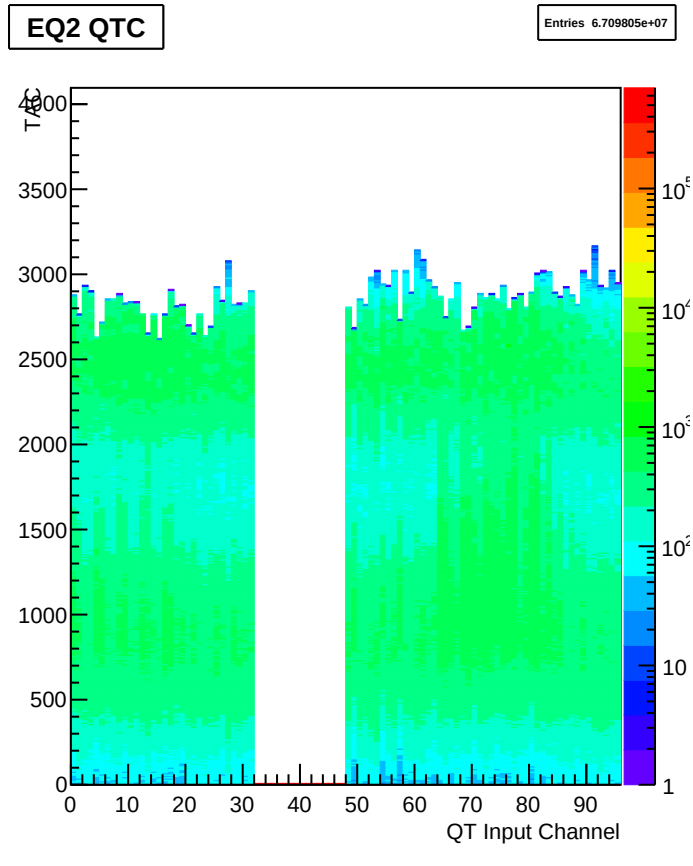

EQ1 QTC
Entries 6.709805e+07
ADC
QT Input Channel

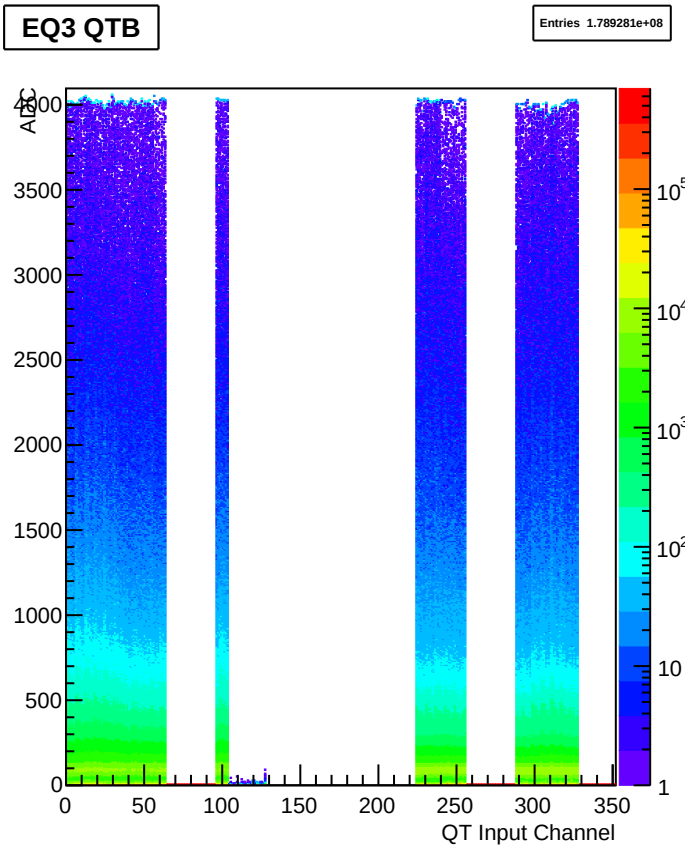

EQ1 QTC
Entries 6.709805e+07
TADC
QT Input Channel

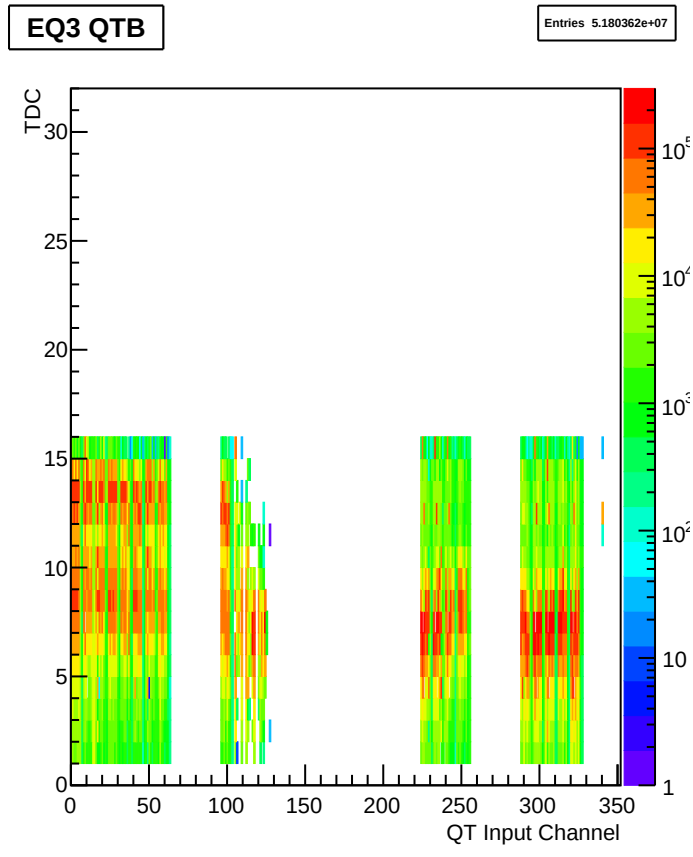

EQ2 QTB
Entries 2.012941e+08
ADC
QT Input Channel

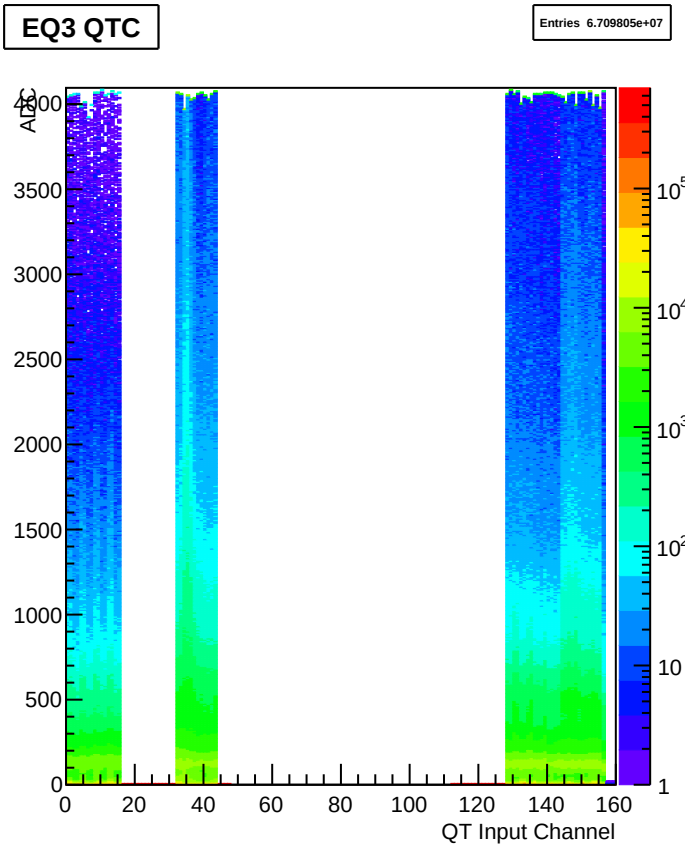

EQ2 QTB
Entries 5.115192e+07
TDC
QT Input Channel

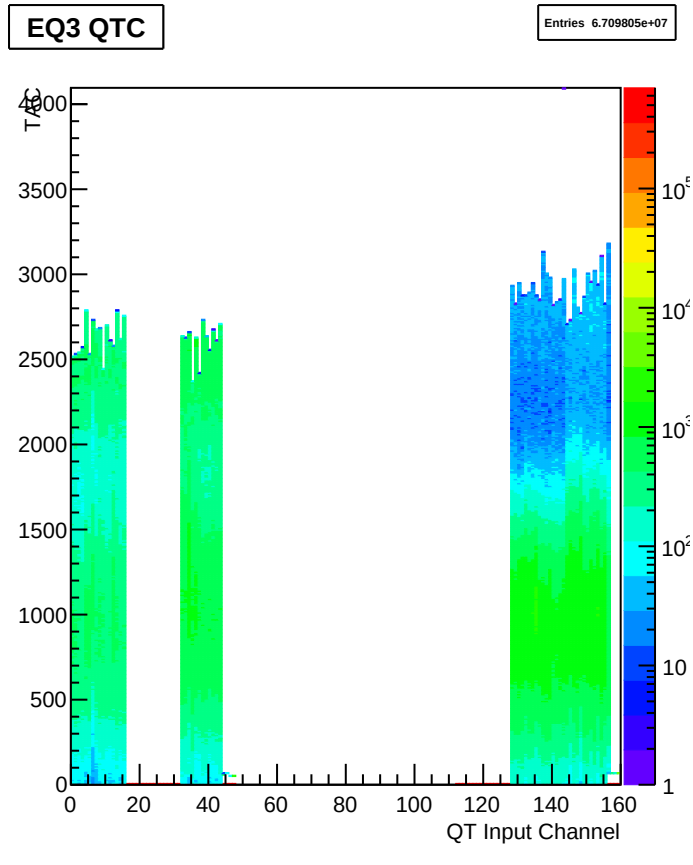

EQ2 QTC
Entries 6.709805e+07
ADC
QT Input Channel

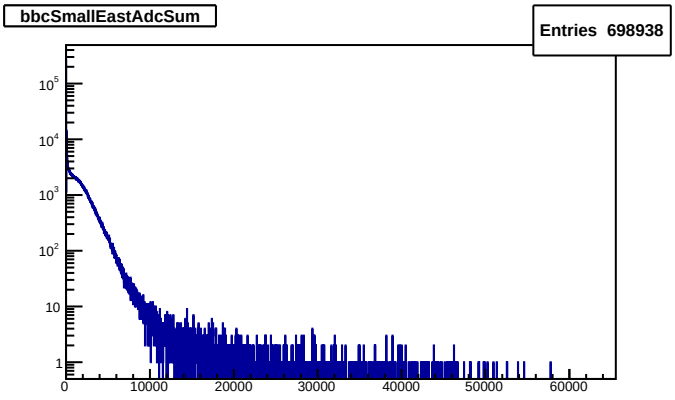

EQ2 QTC
Entries 6.709805e+07
TADC
QT Input Channel

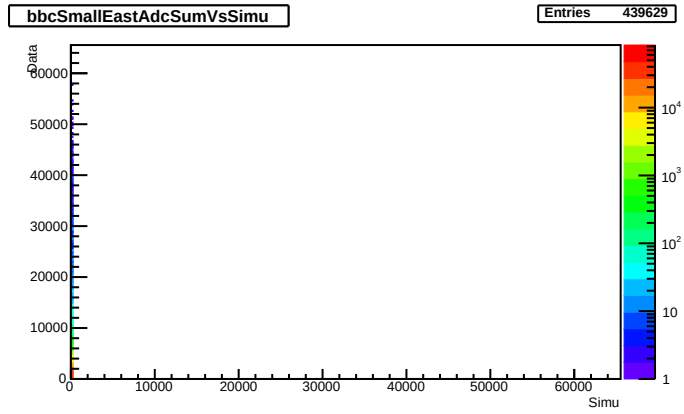

EQ3 QTB
Entries 1.789281e+08
ADC
QT Input Channel

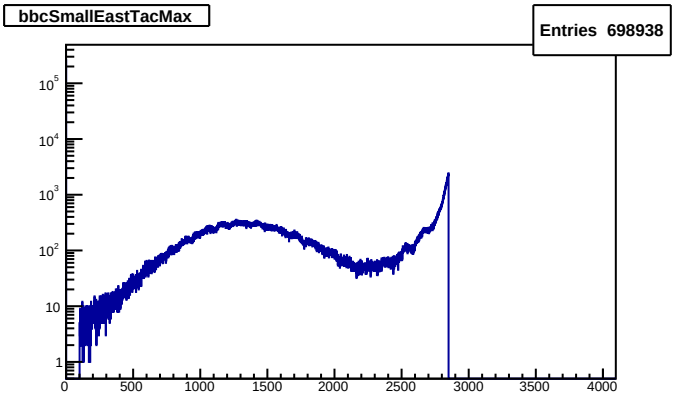

EQ3 QTB
Entries 5.180362e+07
TDC
QT Input Channel

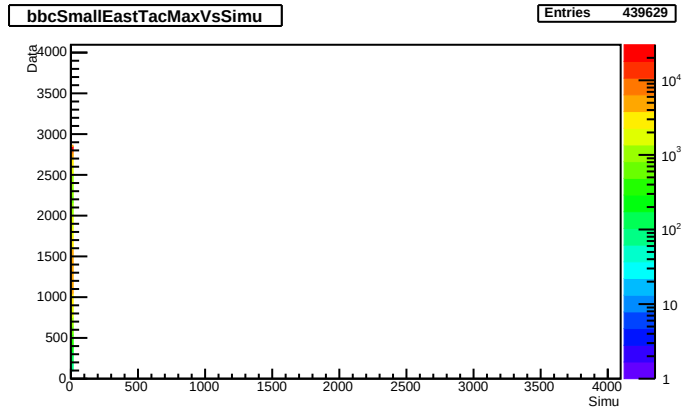

EQ3 QTC
Entries 6.709805e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.709805e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 698938


bbcSmallEastAdcSumVsSimu
Entries 439629
Data
Simu


bbcSmallEastTacMax
Entries 698938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Entries 439629
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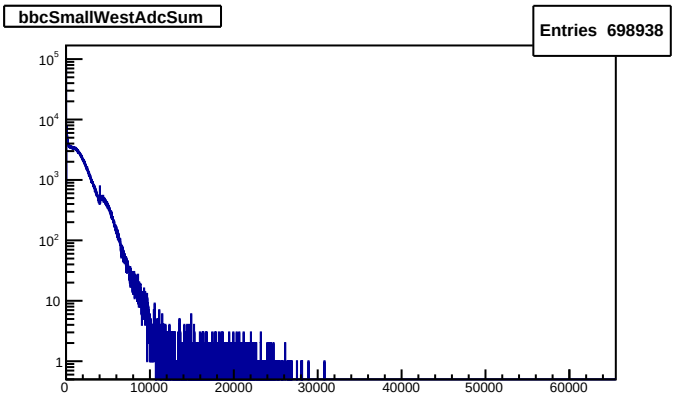
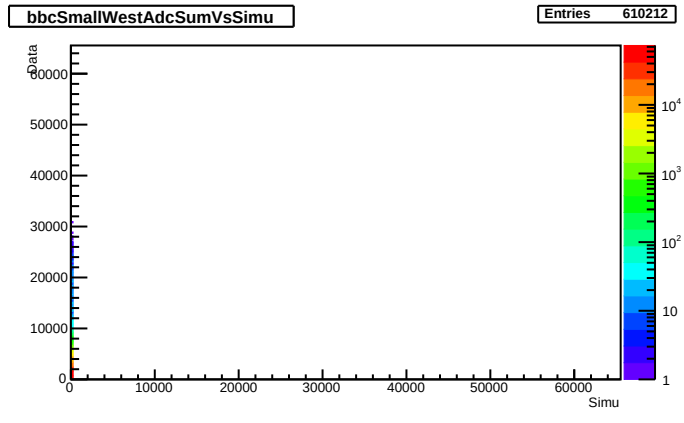

bbcSmallWestAdcSum
Entries 698938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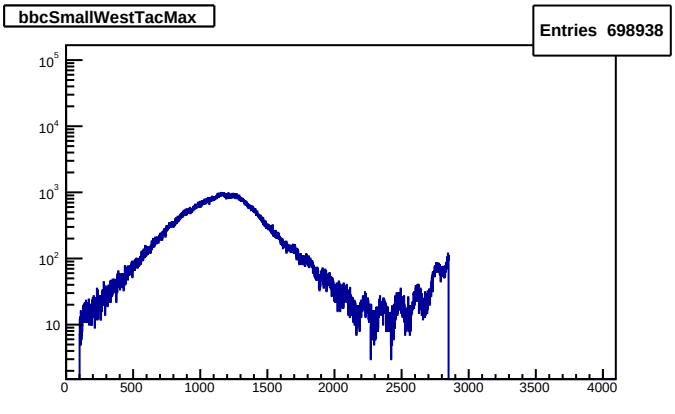
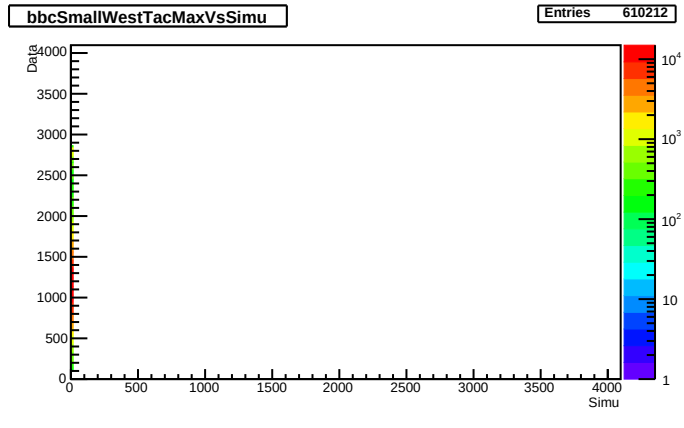
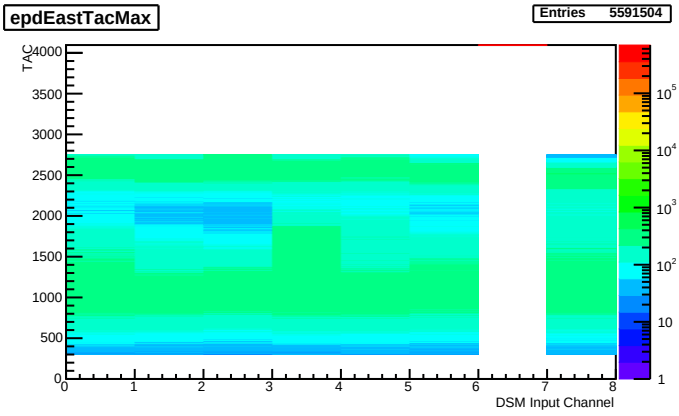
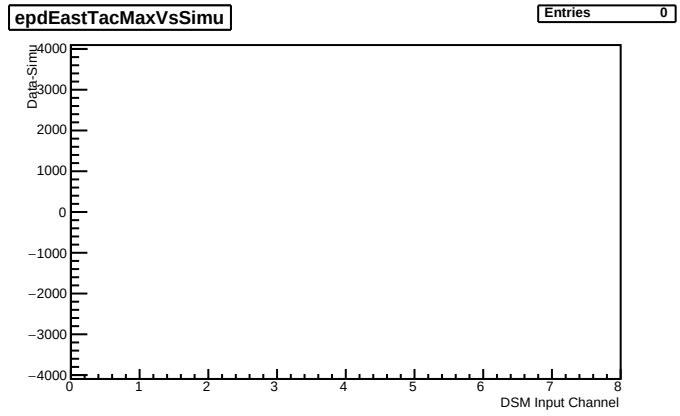
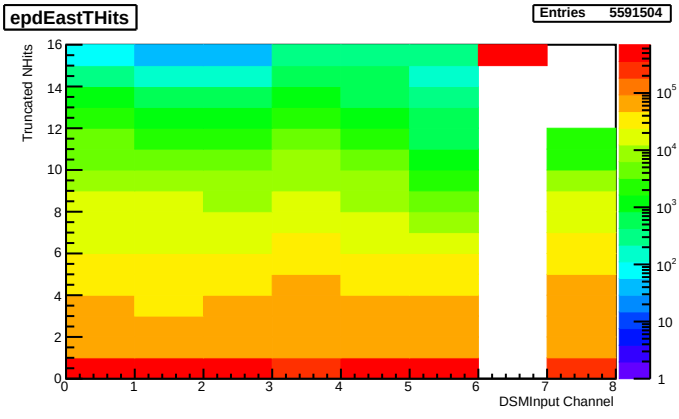
Entries 610212
Data
Simu

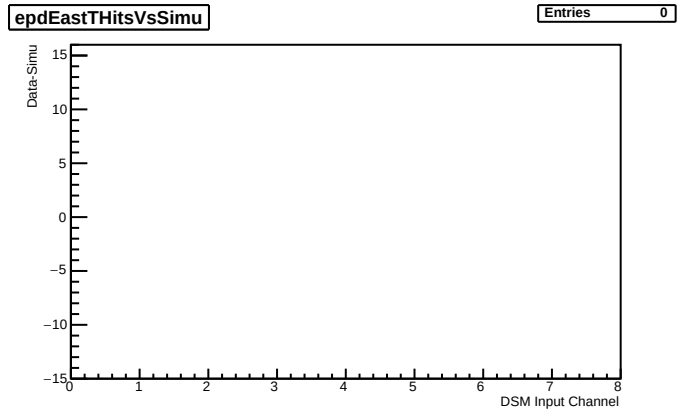

bbcSmallWestTacMax
Entries 698938


bbcSmallWestTacMaxVsSimu
Entries 610212
Data
Simu


epdEastTacMax
Entries 5591504
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5591504
Truncated NHits
DSMInput Channel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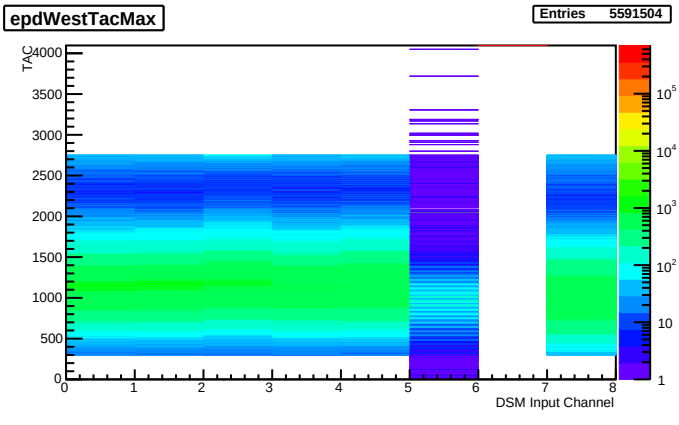
Data-Simu
DSM Input Channel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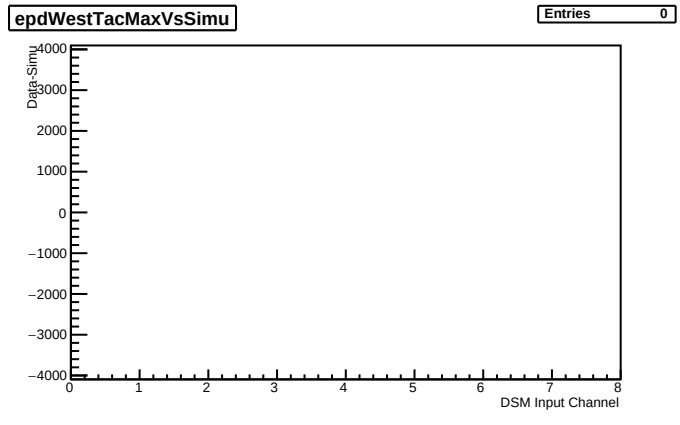
TAC
DSM Input Channel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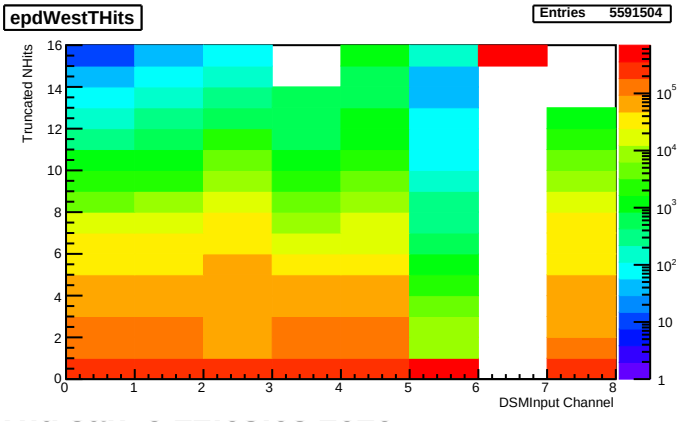
Data-Simu
DSM Input Channel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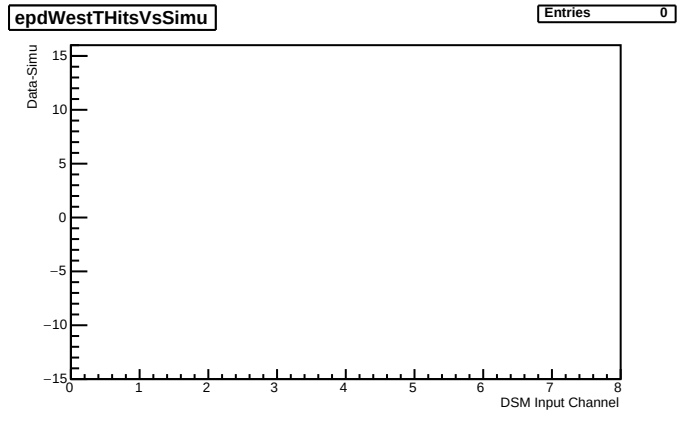
Entries 5591504
Truncated NHits
DSMInput Channel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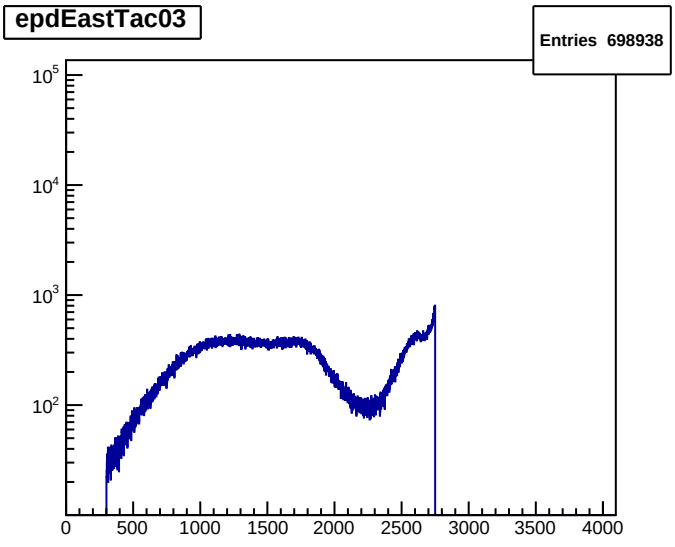
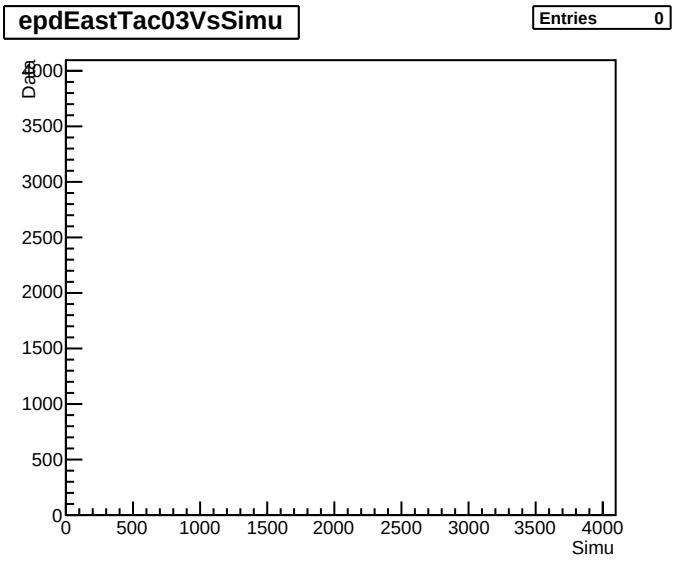
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 698938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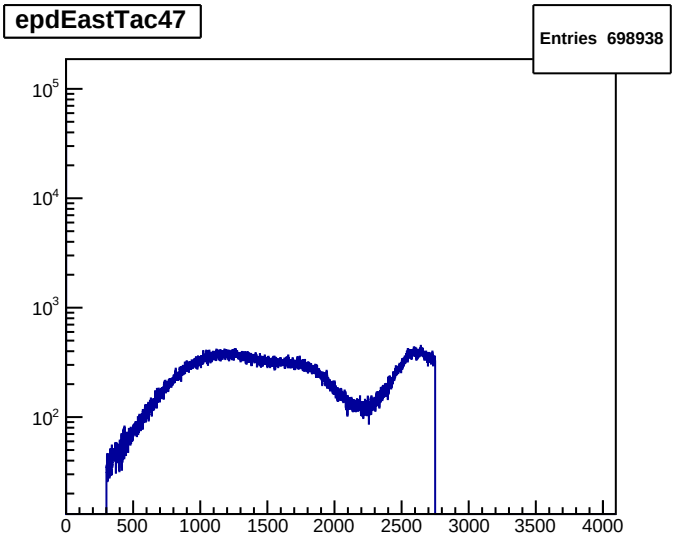
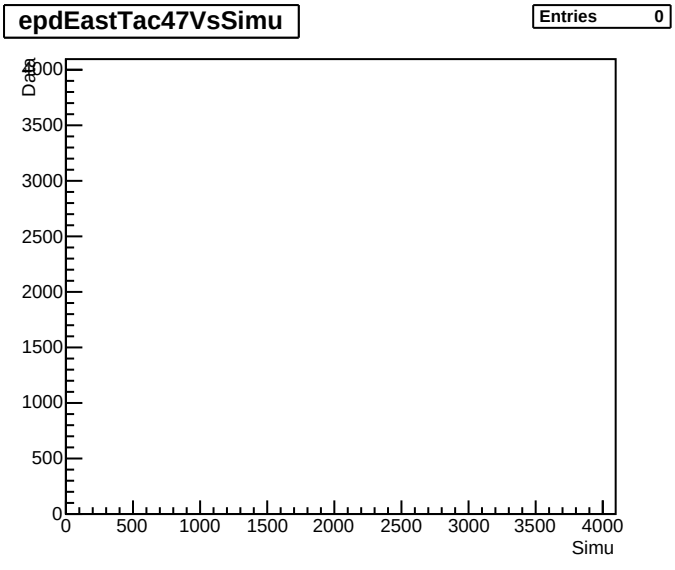
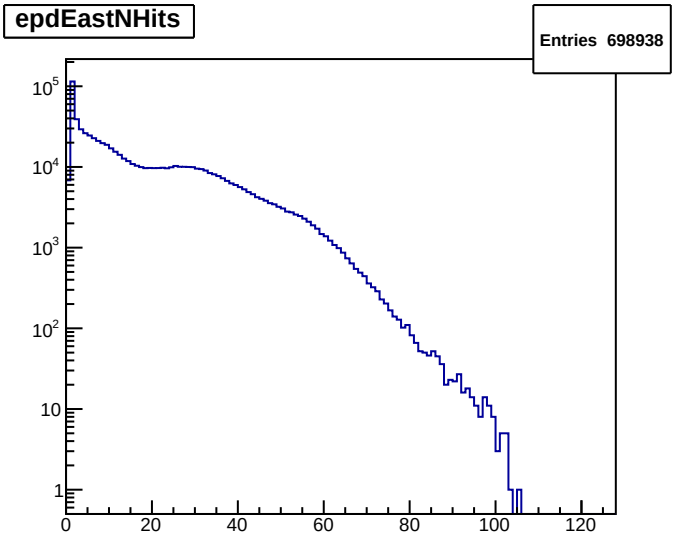
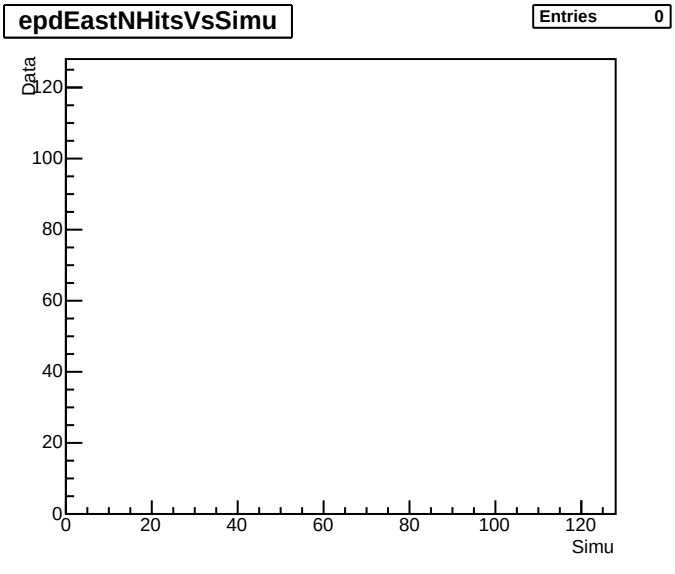
Entries 0
Data
Simu


epdEastTac47
Entries 698938


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 698938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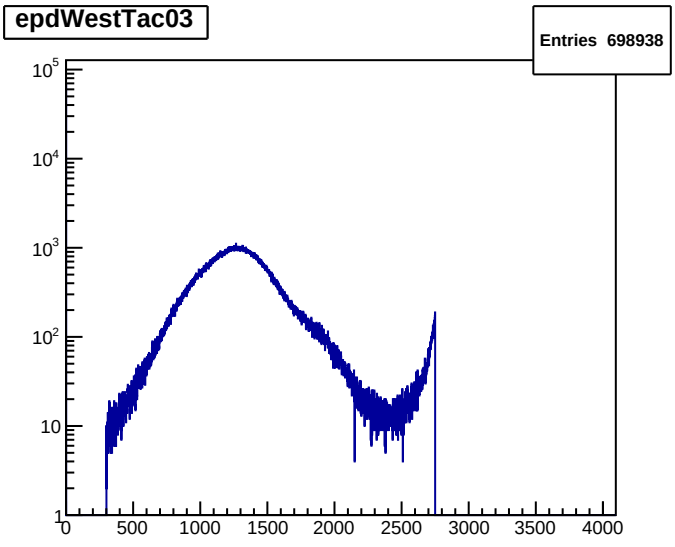
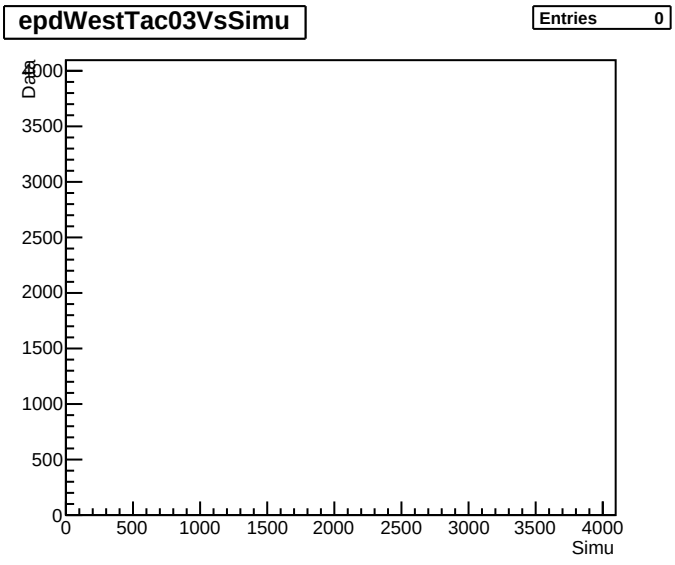
Entries 0
Data
Simu


epdWestTac03
Entries 698938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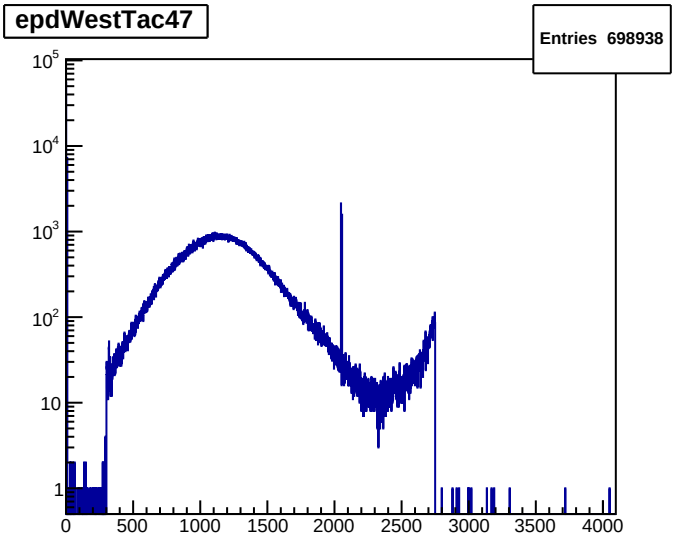
Entries 0
Data
Simu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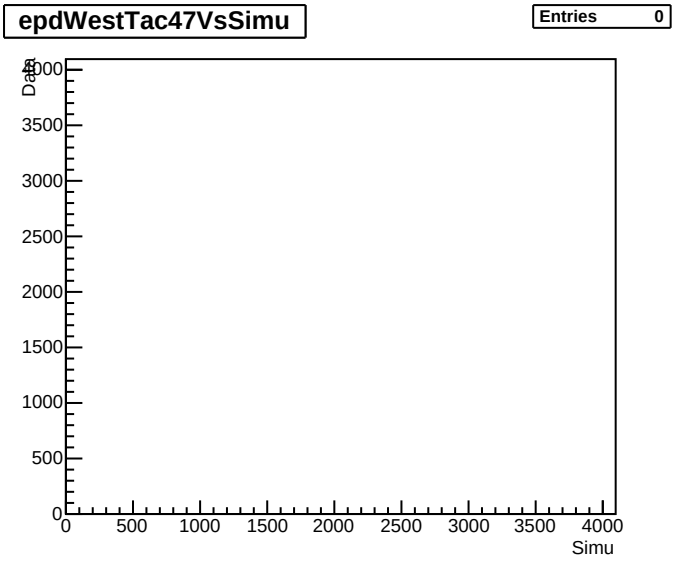
Entries 698938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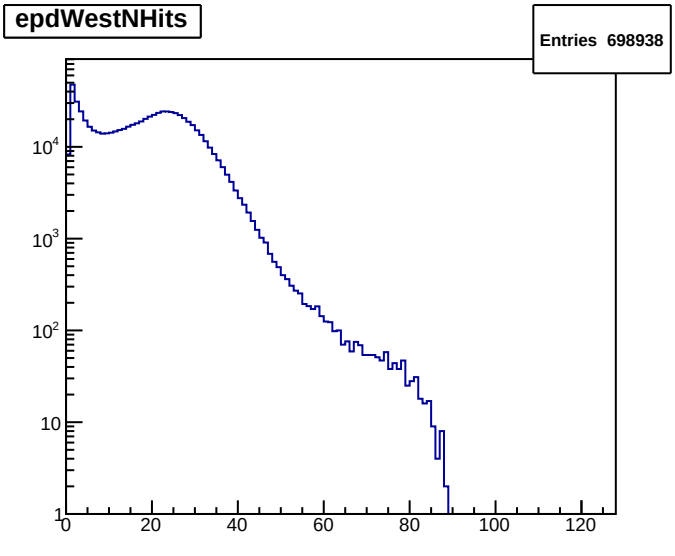
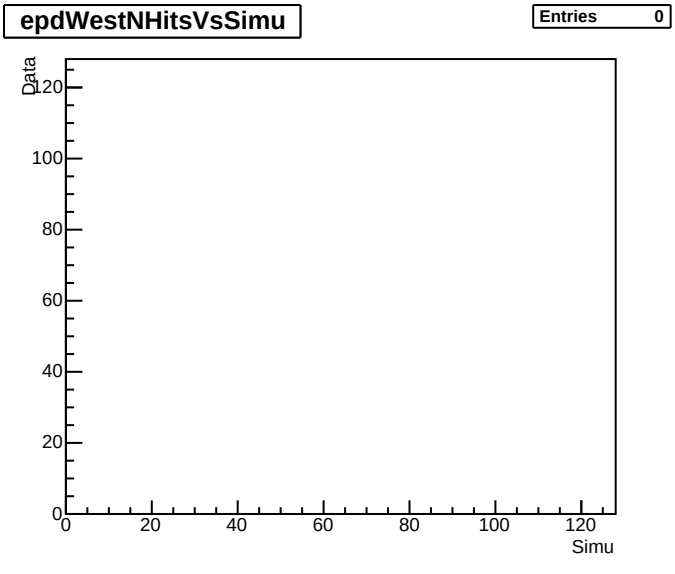
Entries 0
Data
Simu


epdWestNHits
Entries 698938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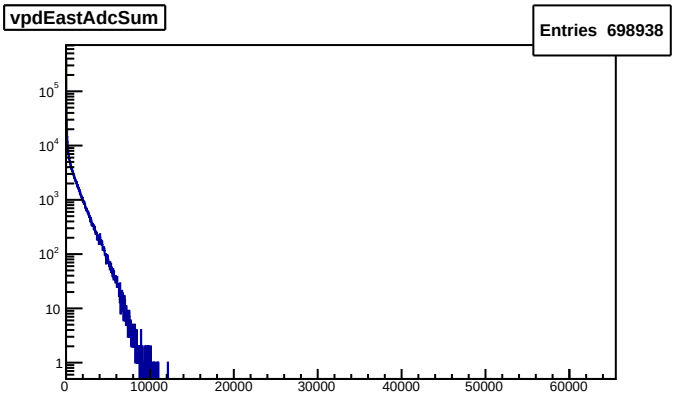
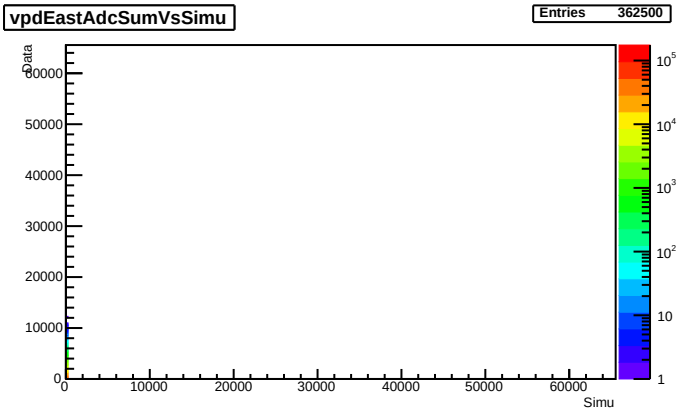
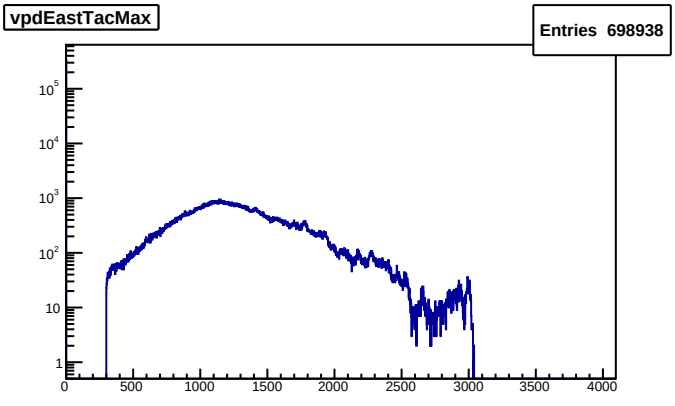
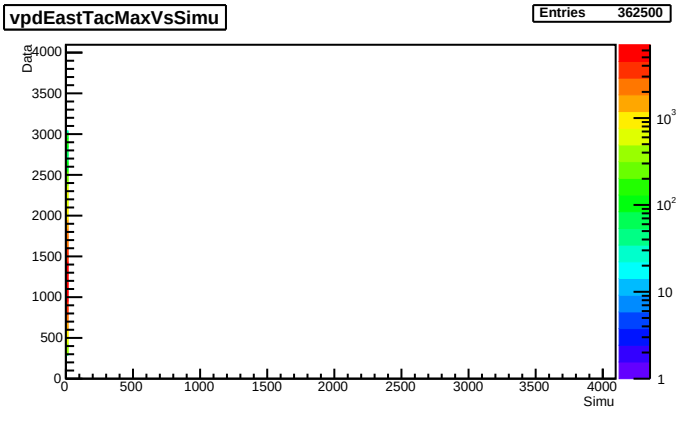
Entries 0
Data
Simu


vpdEastAdcSum
Entries 698938


vpdEastAdcSumVsSimu
Entries 362500
Data
Simu


vpdEastTacMax
Entries 698938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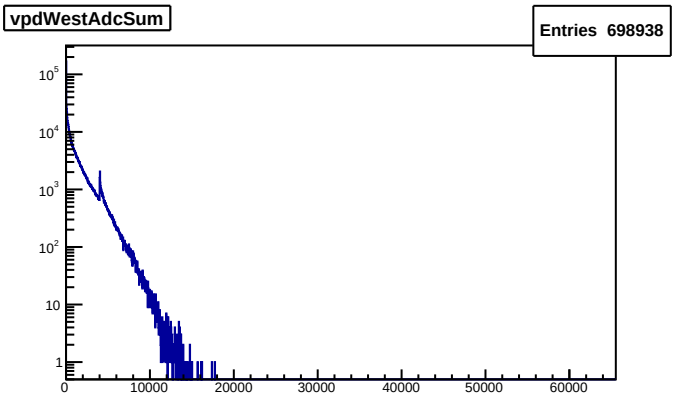
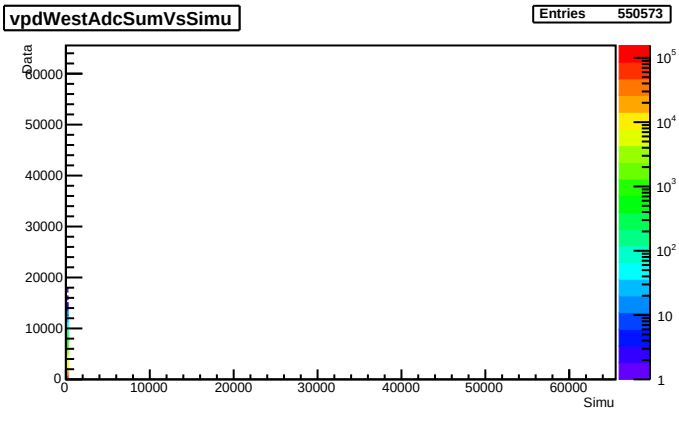
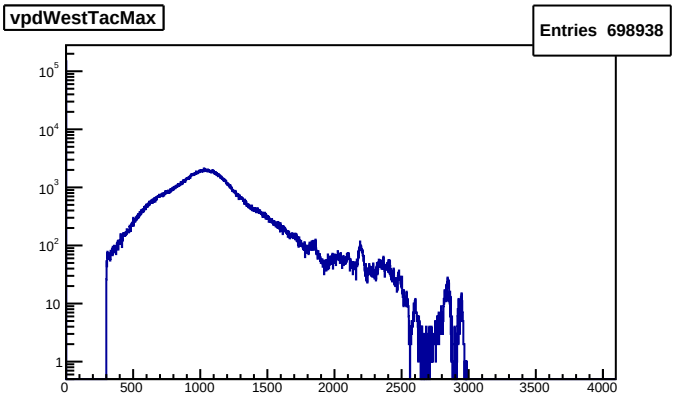
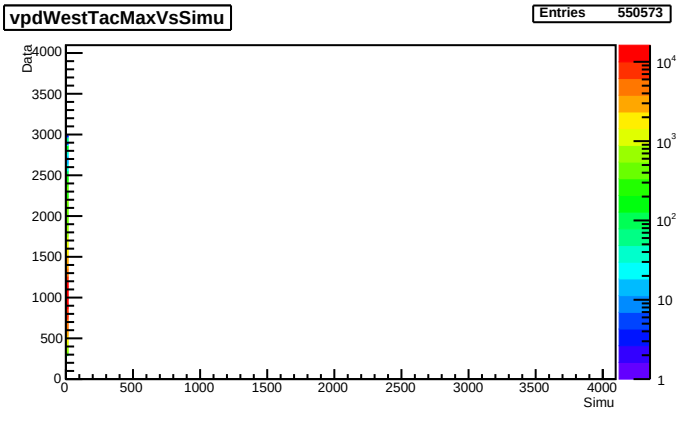
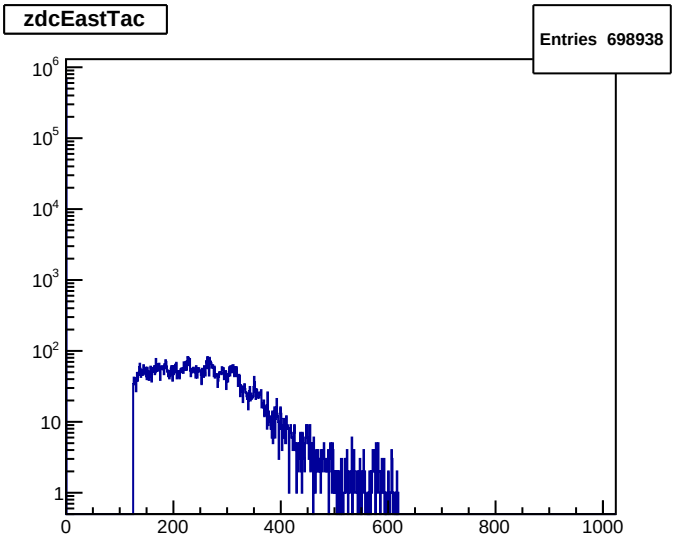
Entries 362500
Data
Simu

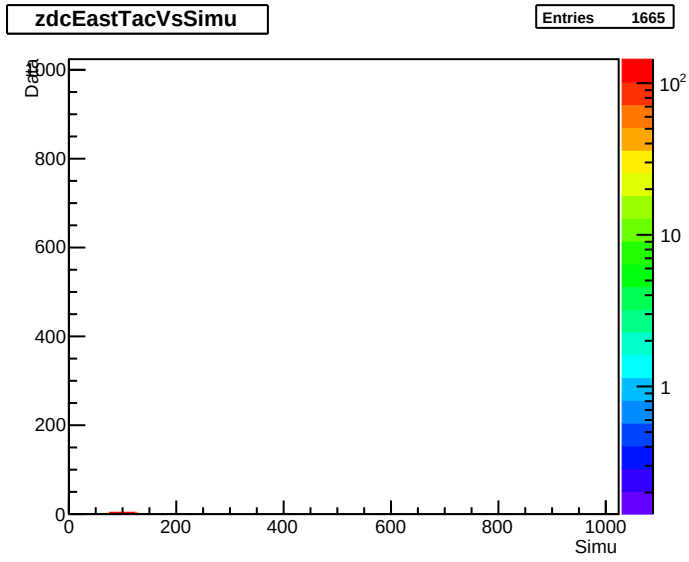

vpdWestAdcSum
Entries 698938

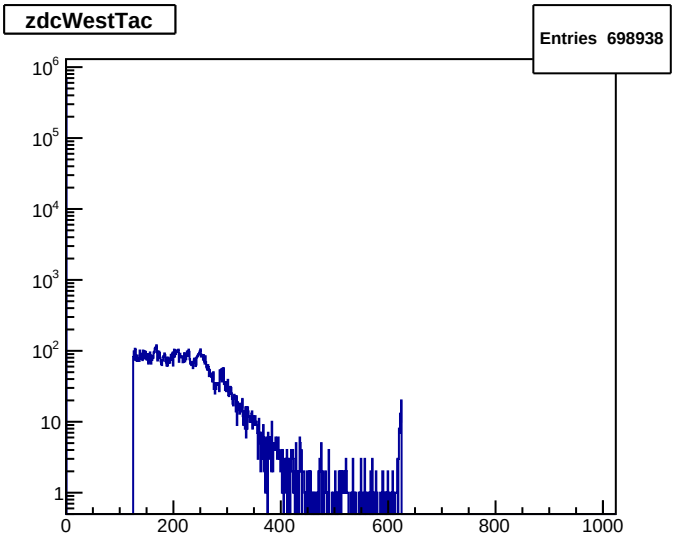

vpdWestAdcSumVsSimu
Entries 550573
Data
Simu

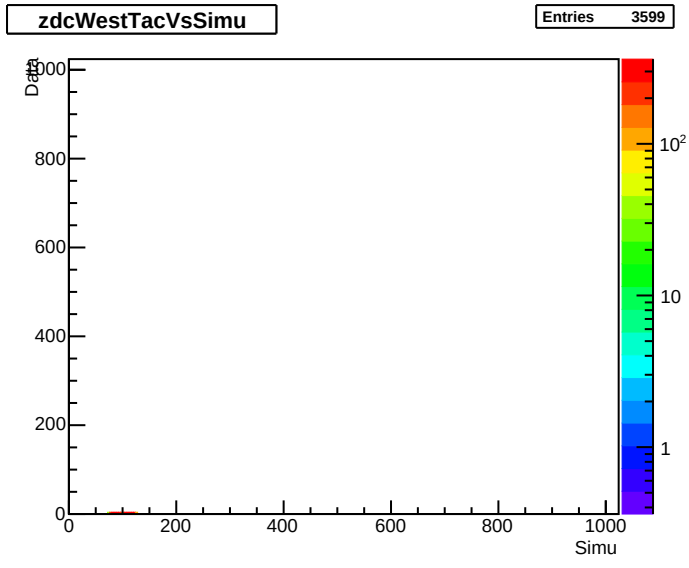

vpdWestTacMax
Entries 698938

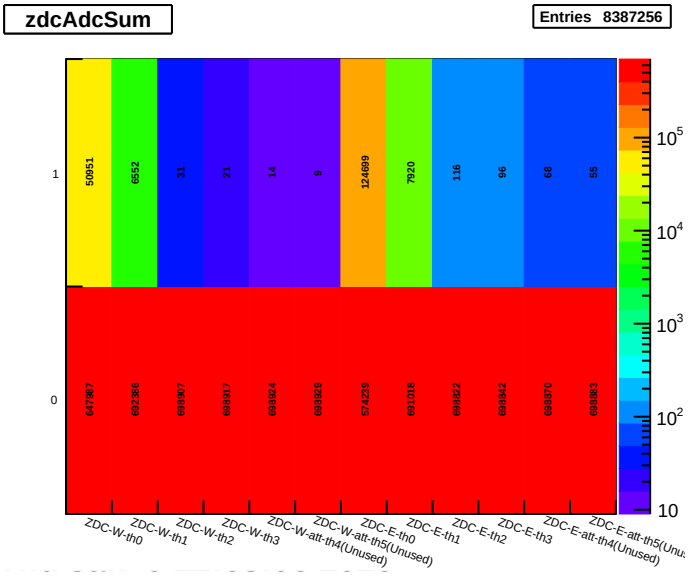

vpdWestTacMaxVsSimu
Entries 550573
Data
Simu

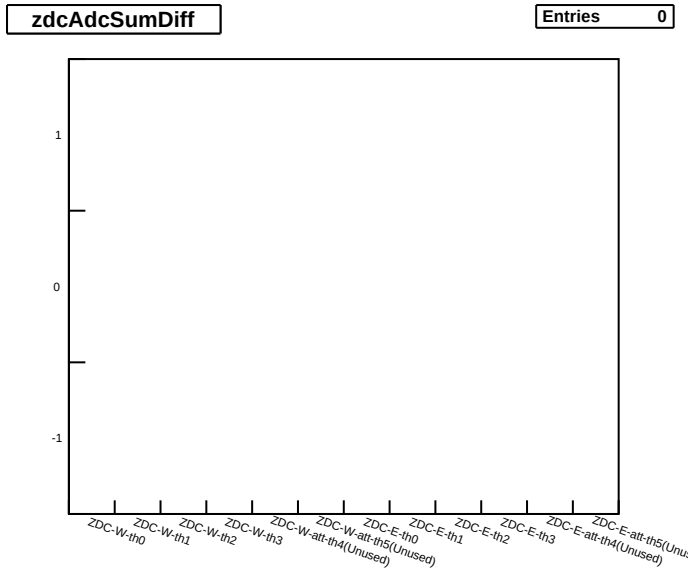

zdcEastTac
Entries 698938

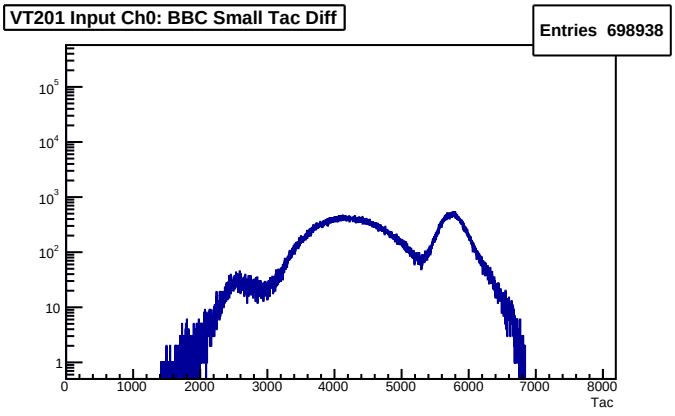

zdcEastTacVsSimu
Entries 1665
Data
Simu

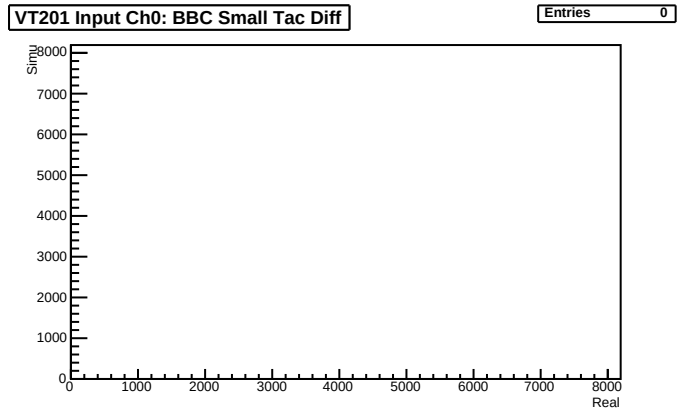

zdcWestTac
Entries 698938

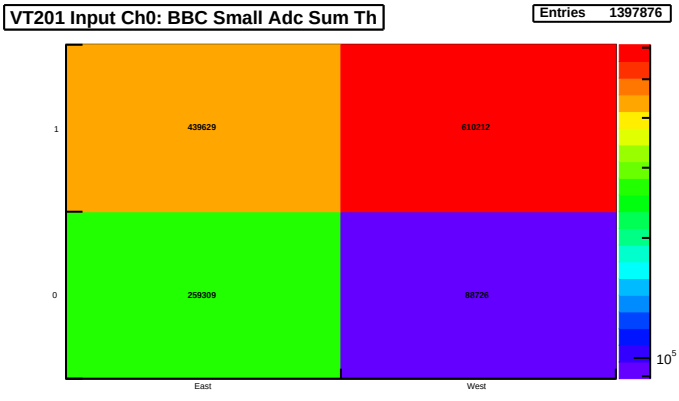

zdcWestTacVsSimu
Entries 3599
Data
Simu

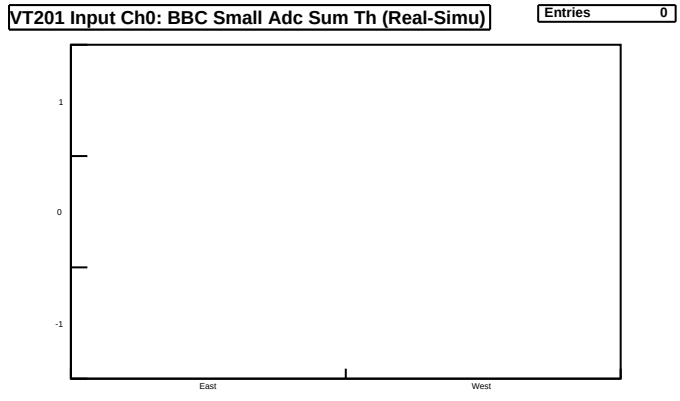

zdcAdcSum
Entries 8387256
50951
6552
31
21
14
9
124699
7920
116
96
68
55
647987
692386
698907
698917
698924
698929
574239
691018
698922
698942
698870
698883
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

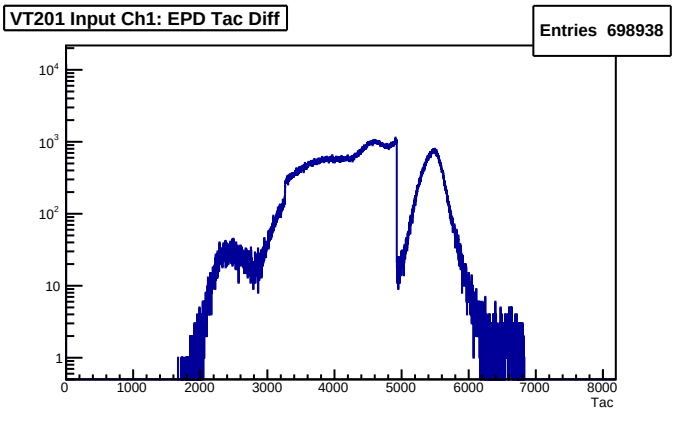

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

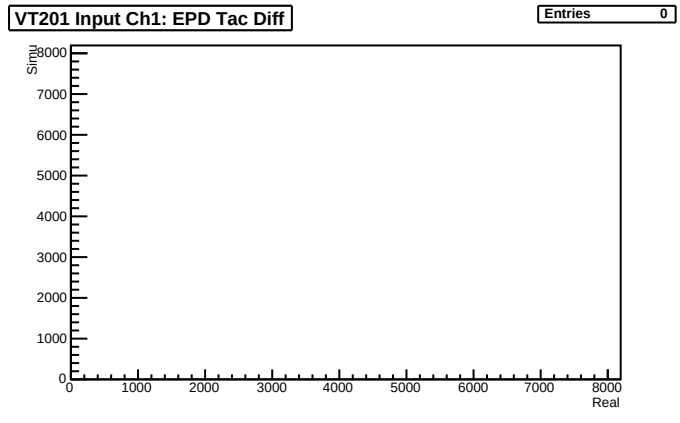

VT201 Input Ch0: BBC Small Tac Diff
Entries 698938
Tac

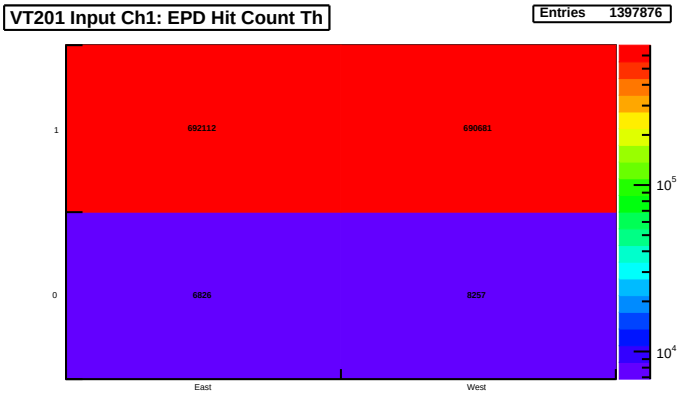

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

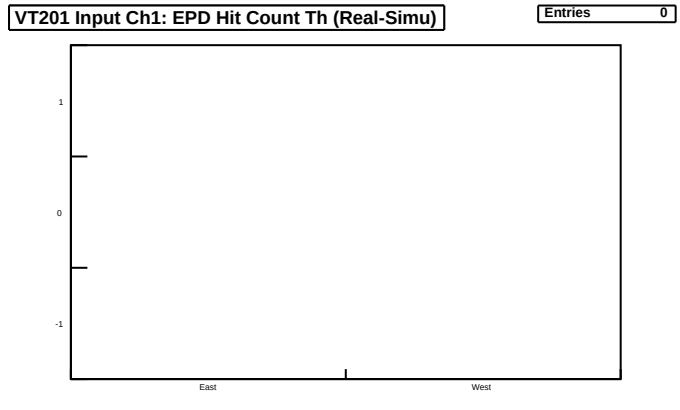

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1397876
439629
610212
259309
88726
East
West

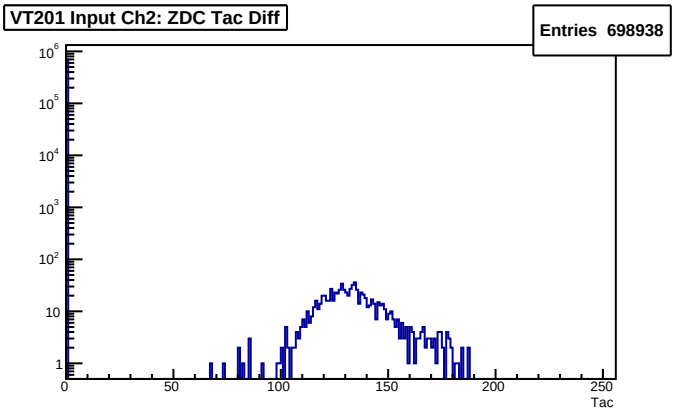

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

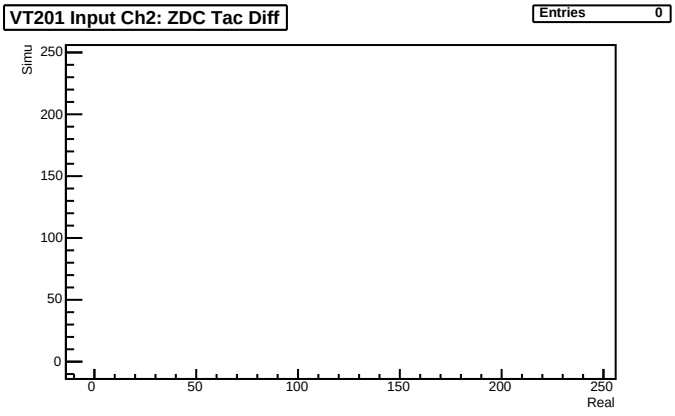

VT201 Input Ch1: EPD Tac Diff
Entries 698938
Tac

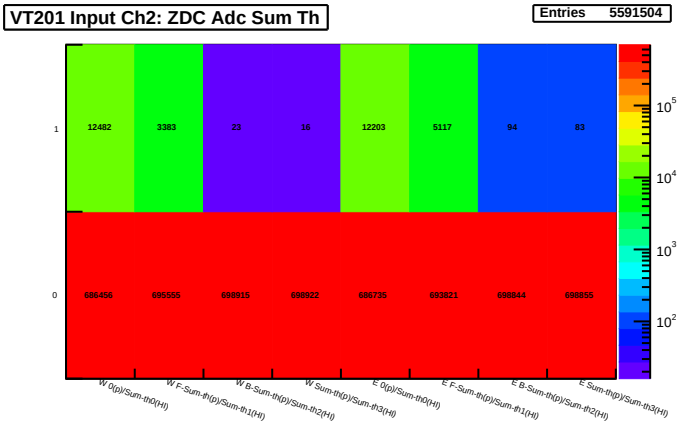

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

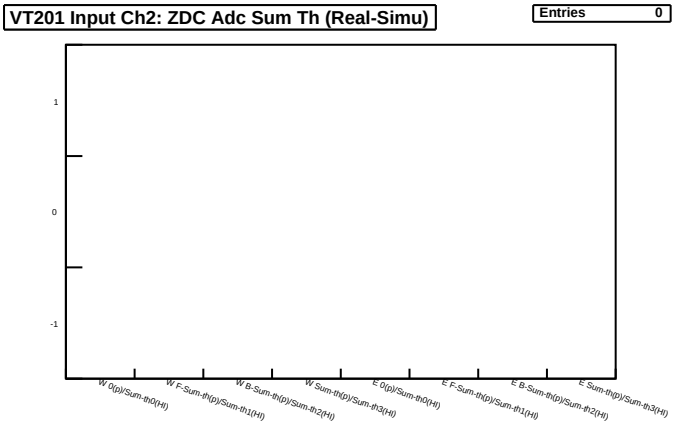

VT201 Input Ch1: EPD Hit Count Th
Entries 1397876
692112
690681
6826
8257
East
West

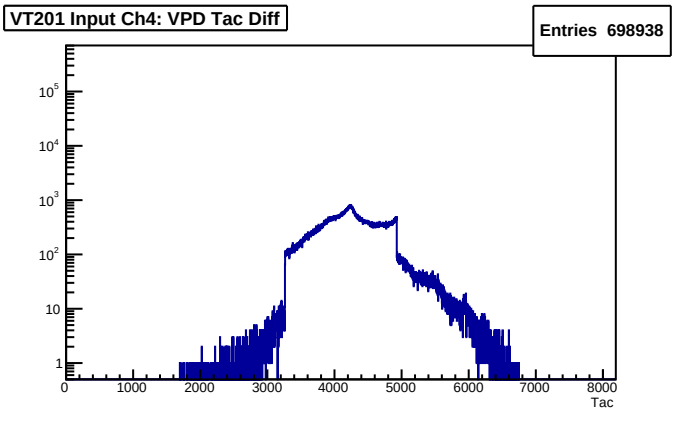

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

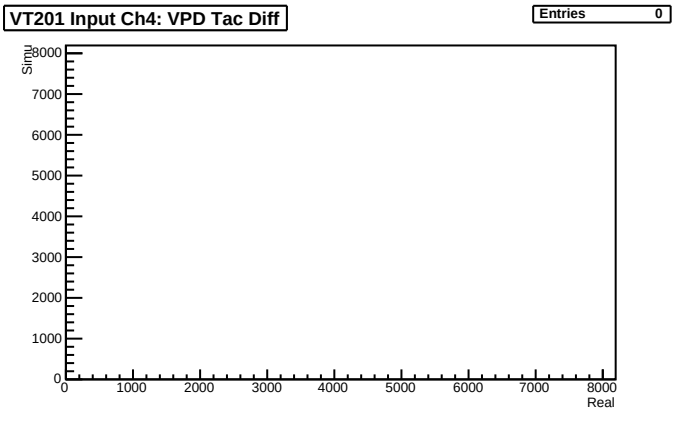

VT201 Input Ch2: ZDC Tac Diff
Entries 698938
Tac

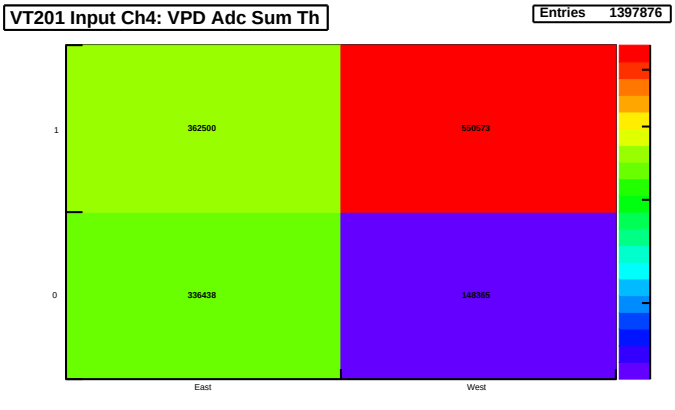

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

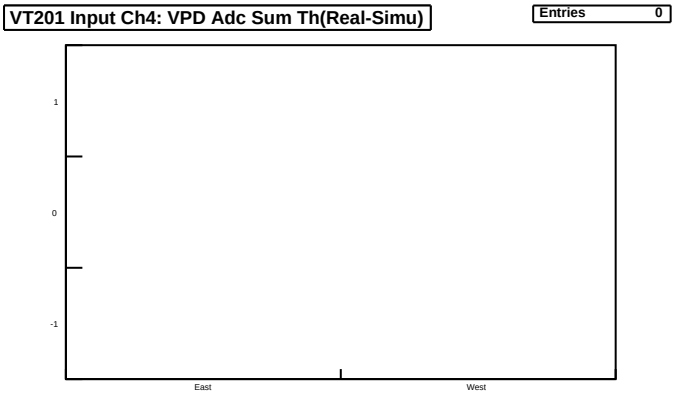

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5591504
12482
3383
23
16
12203
5117
94
83
686456
695555
698915
698922
686735
693821
698844
698855
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

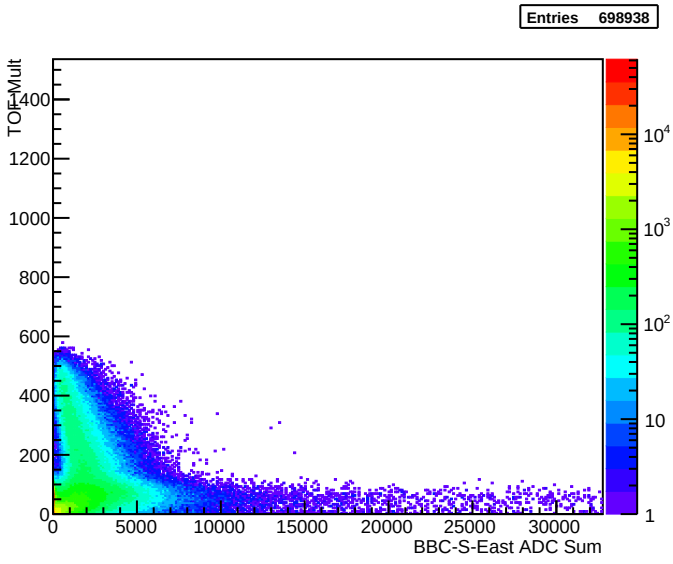

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

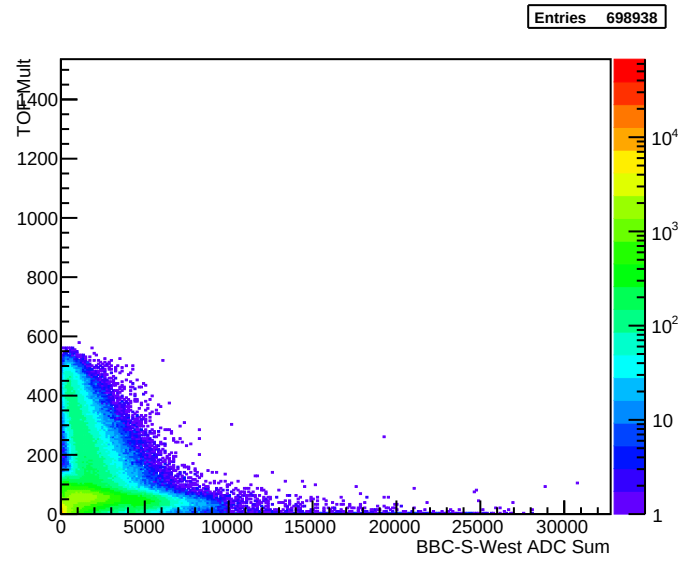

VT201 Input Ch4: VPD Tac Diff
Entries 698938
Tac

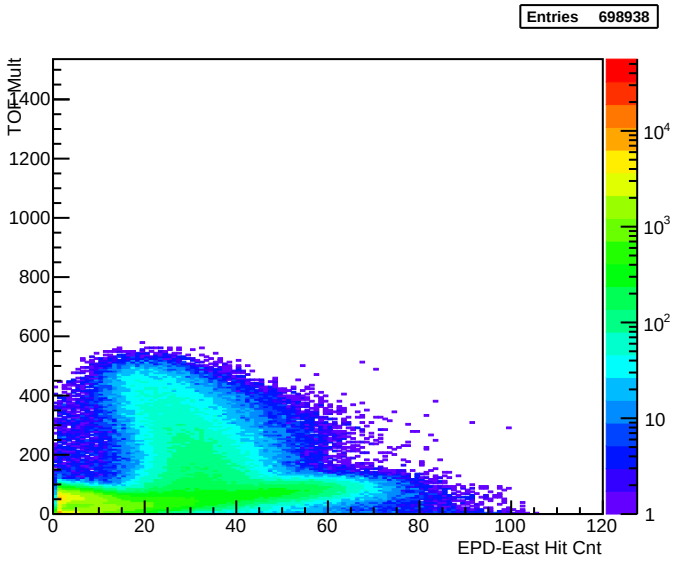

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

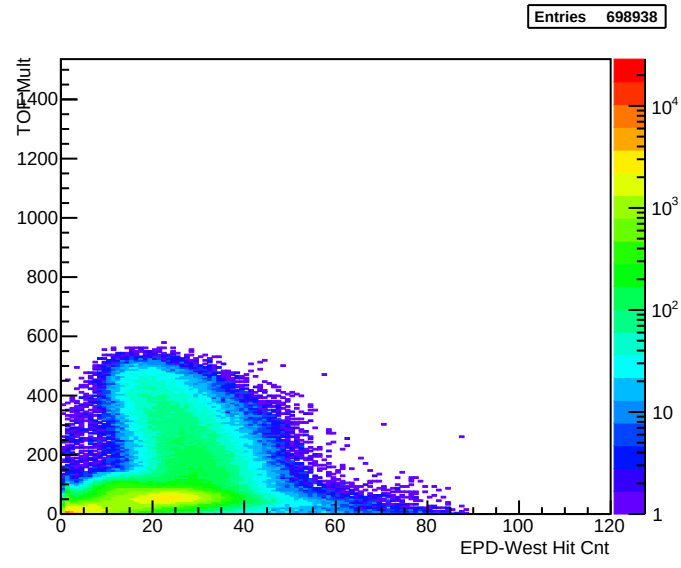

VT201 Input Ch4: VPD Adc Sum Th
Entries 1397876
362500
550573
336438
148365
East
West

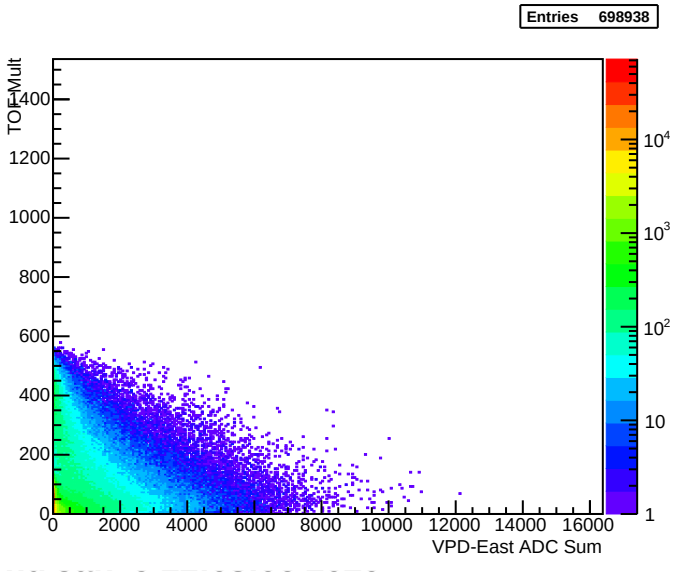

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

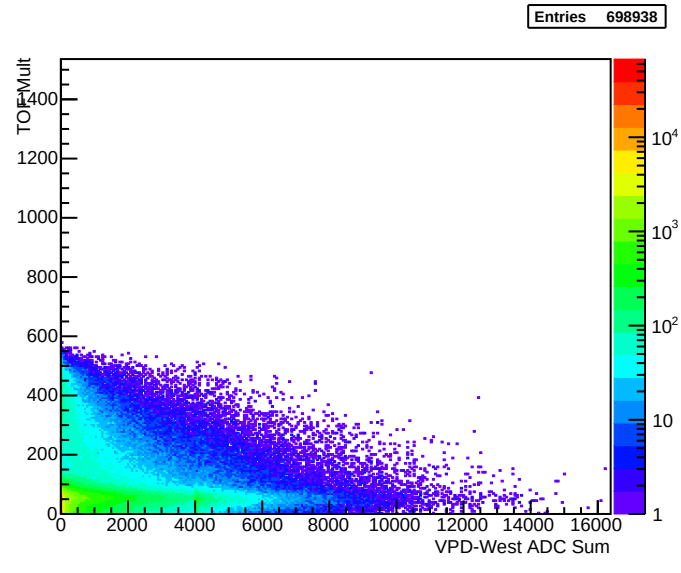

Entries 698938
TOF-Mult
BBC-S-East ADC Sum

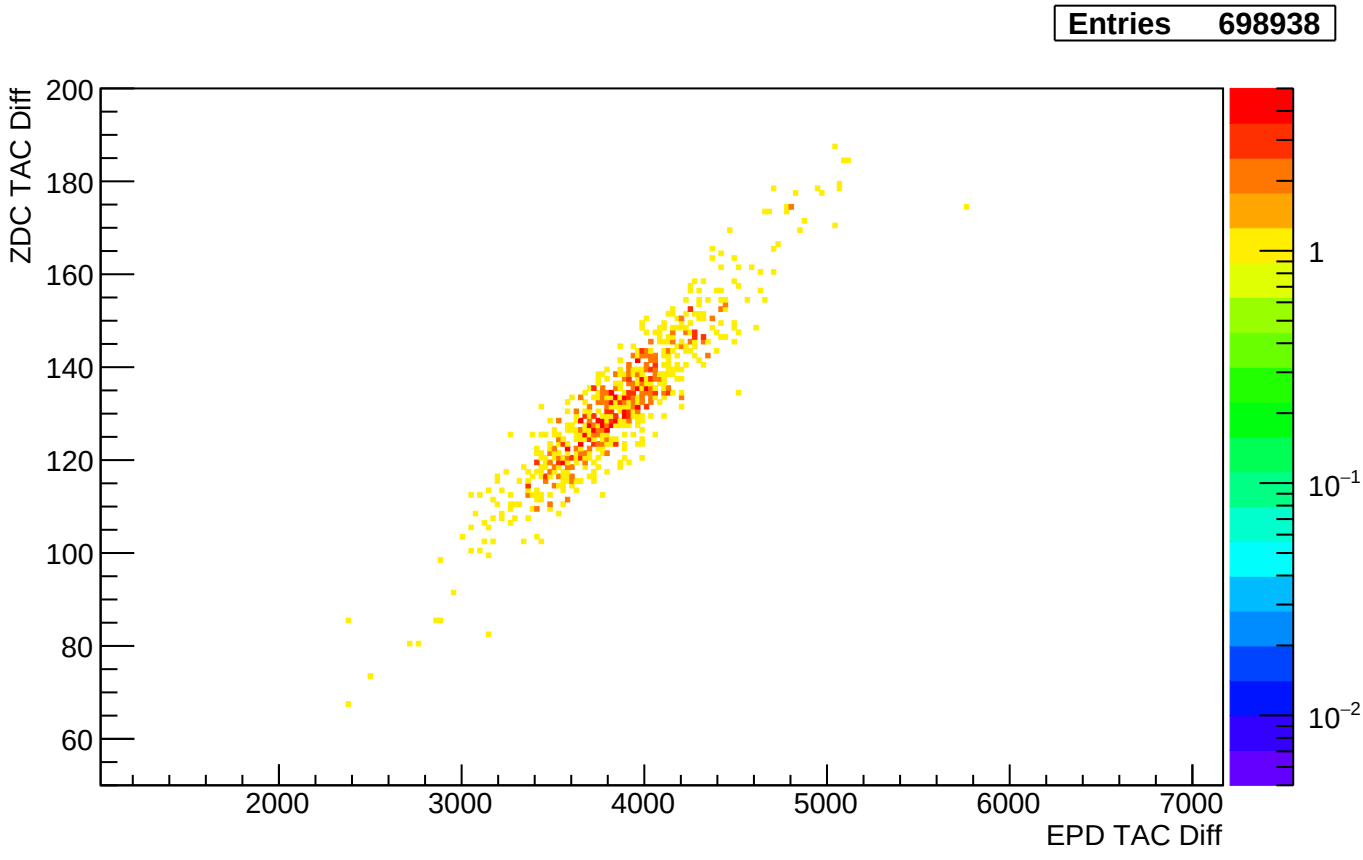

Entries 698938
TOF-Mult
BBC-S-West ADC Sum

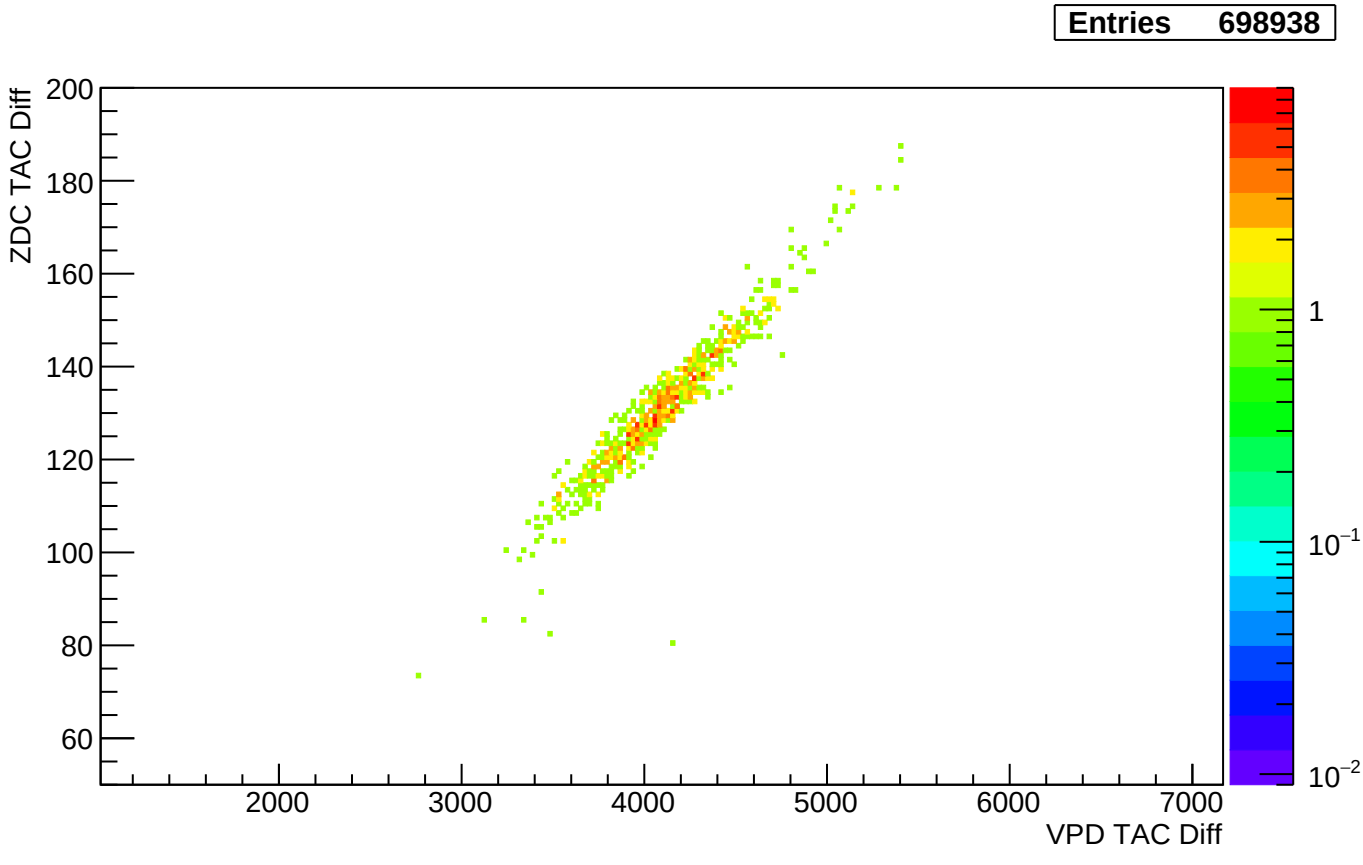

Entries 698938
TOF-Mult
EPD-East Hit Cnt

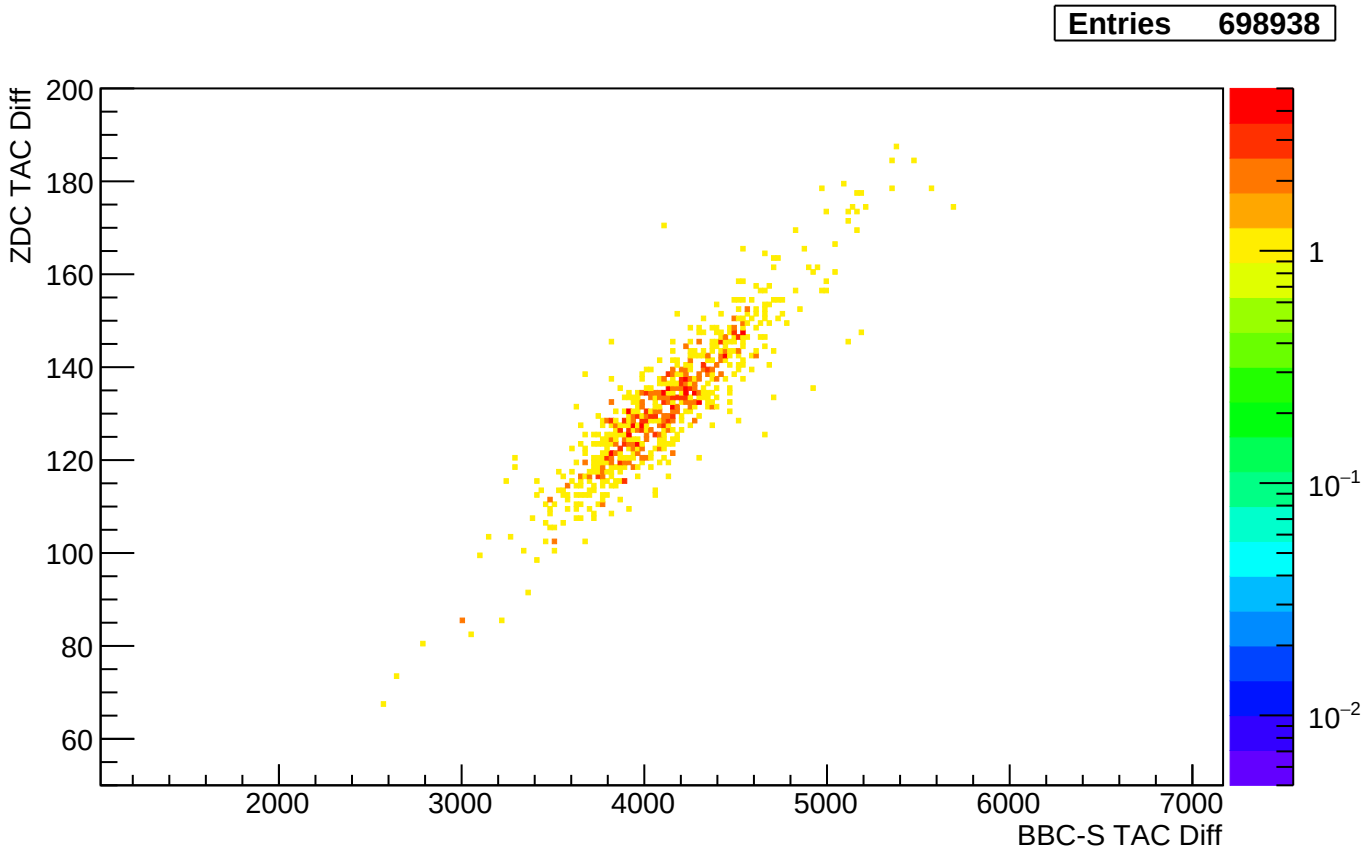

Entries 698938
TOF-Mult
EPD-West Hit Cnt

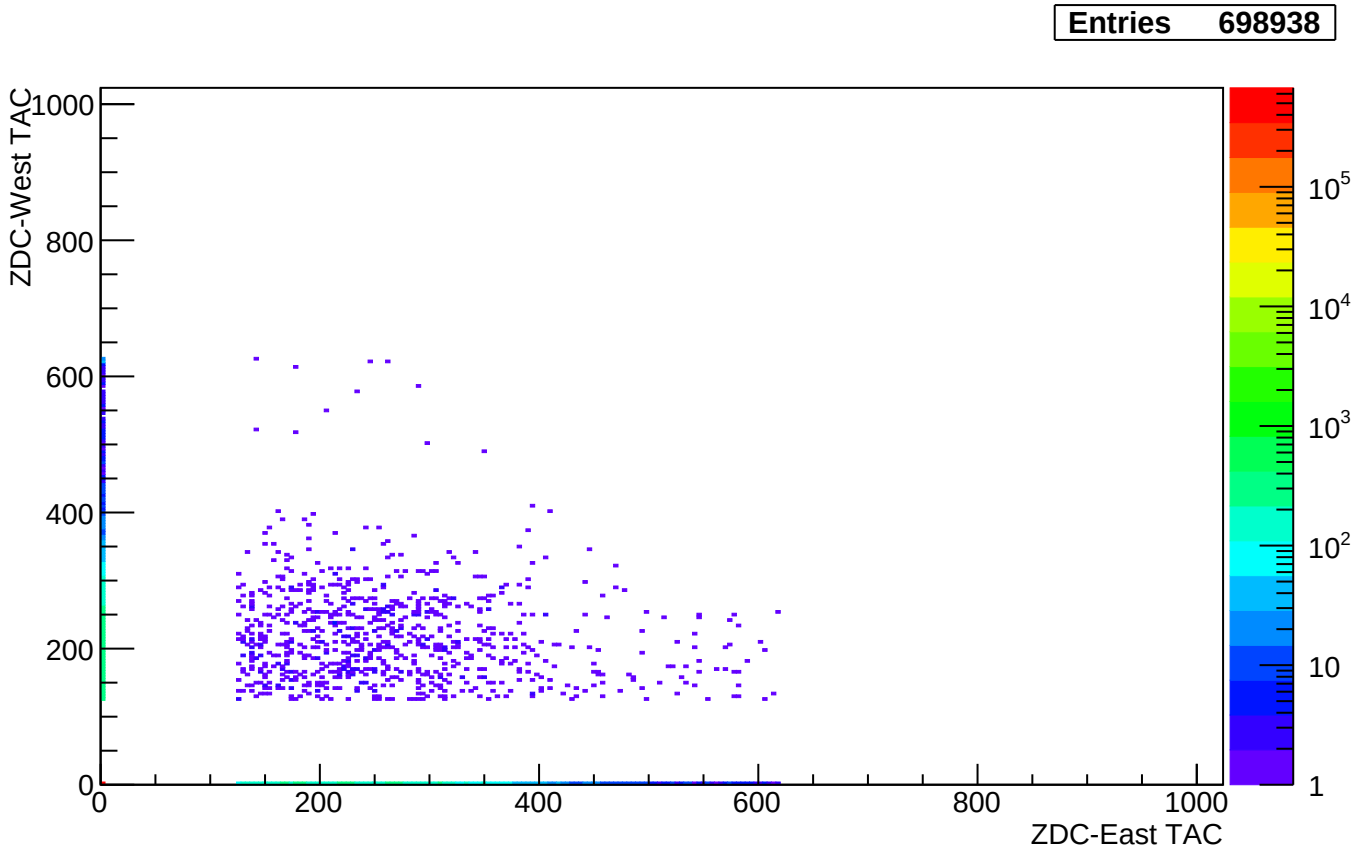

Entries 698938
TOF-Mult
VPD-East ADC Sum

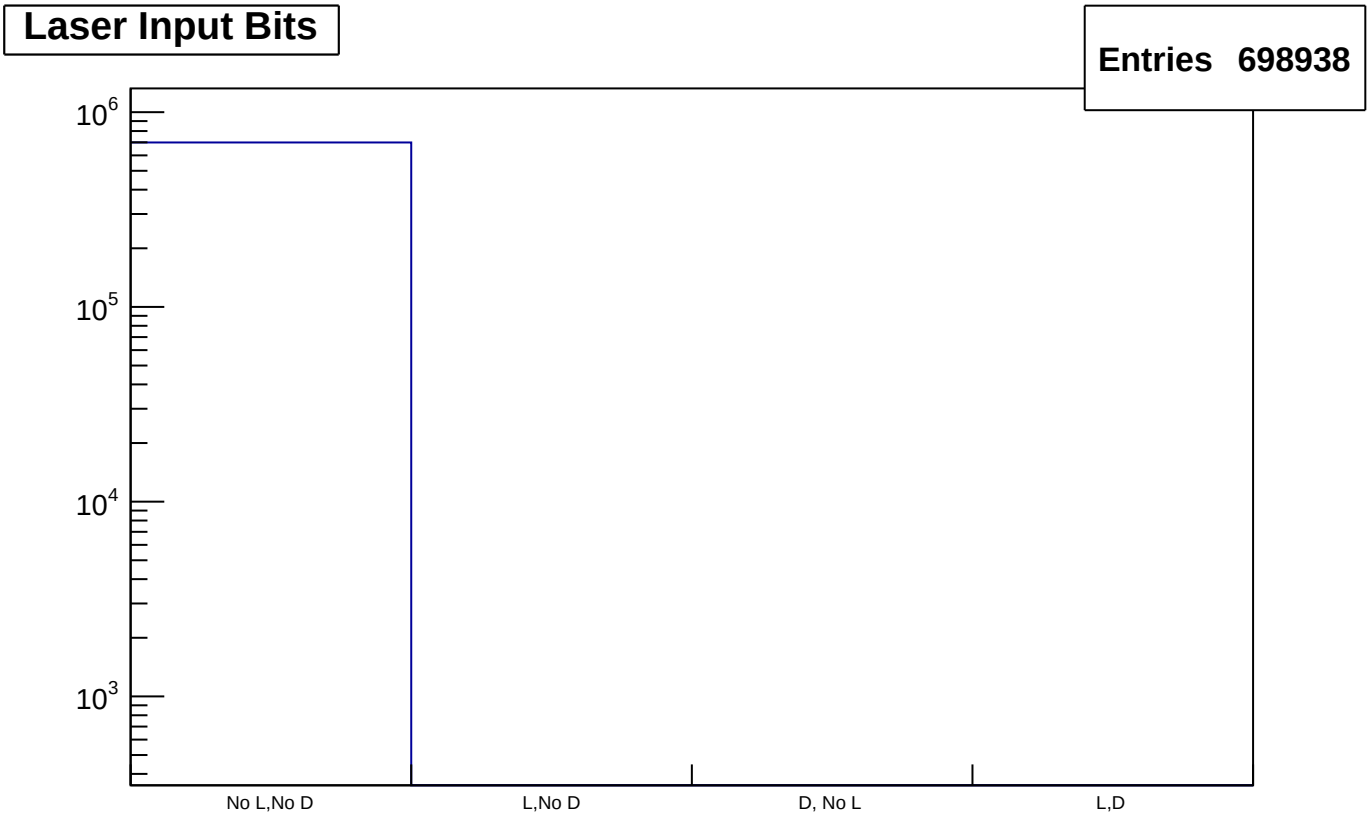

Entries 698938
TOF-Mult
VPD-West ADC Sum

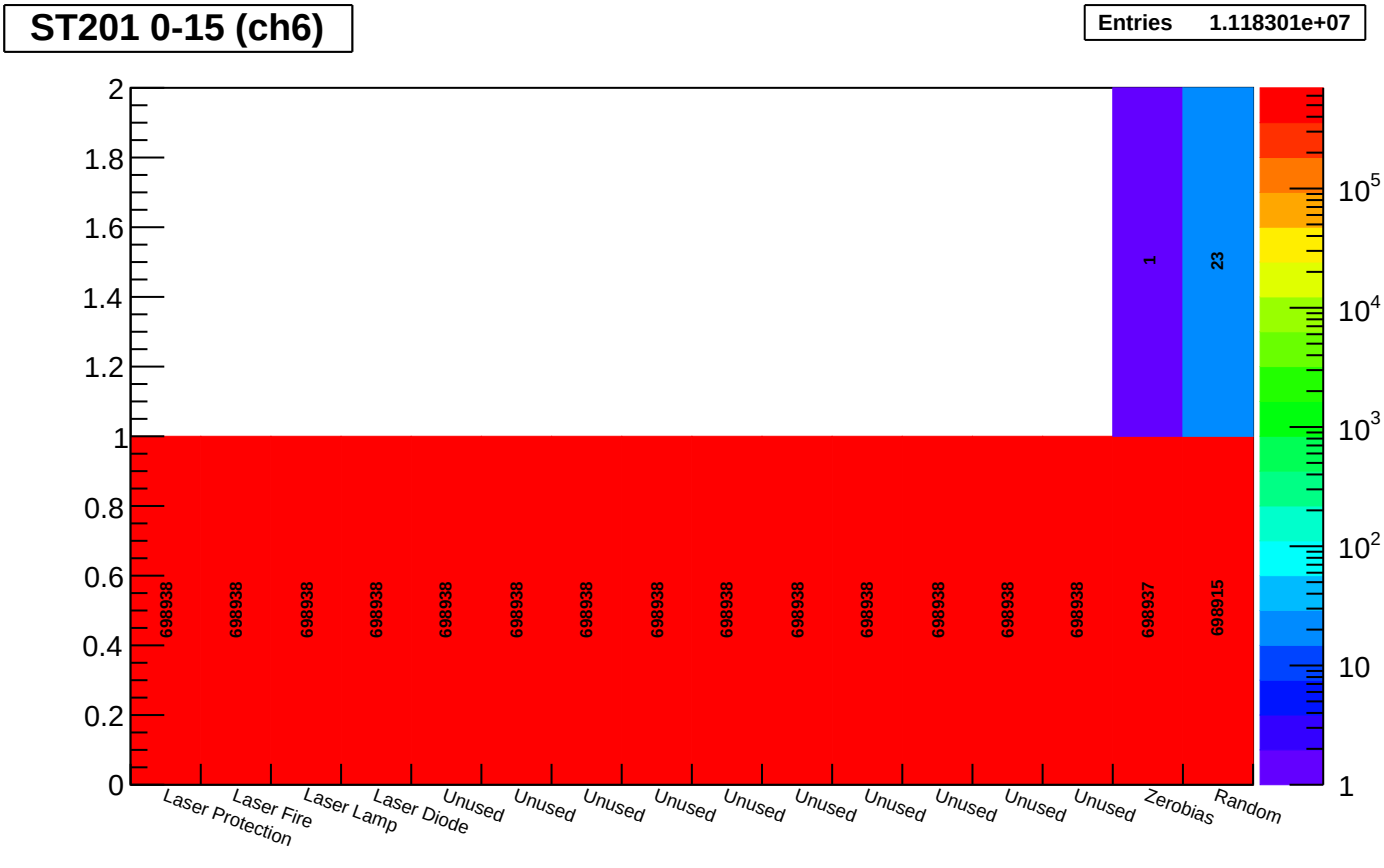

Entries 698938
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

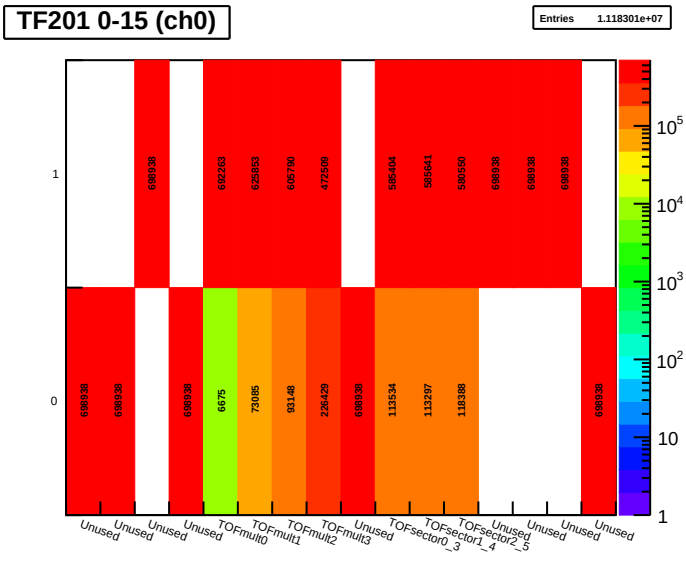

Entries 698938
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

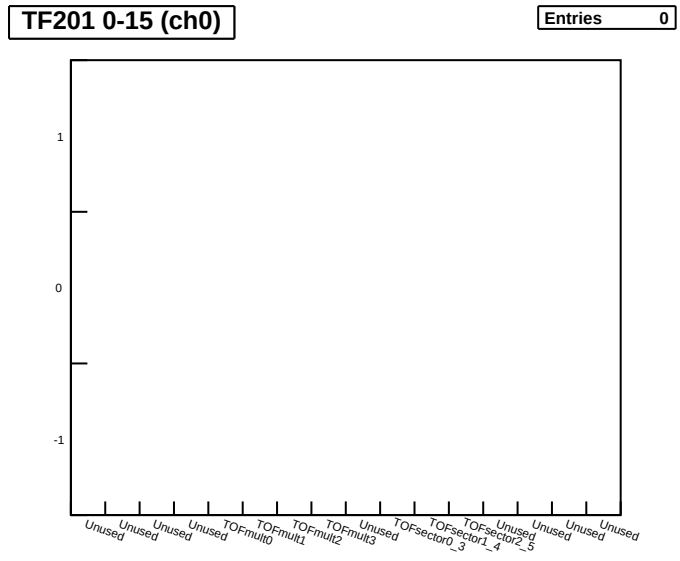

Entries 698938
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

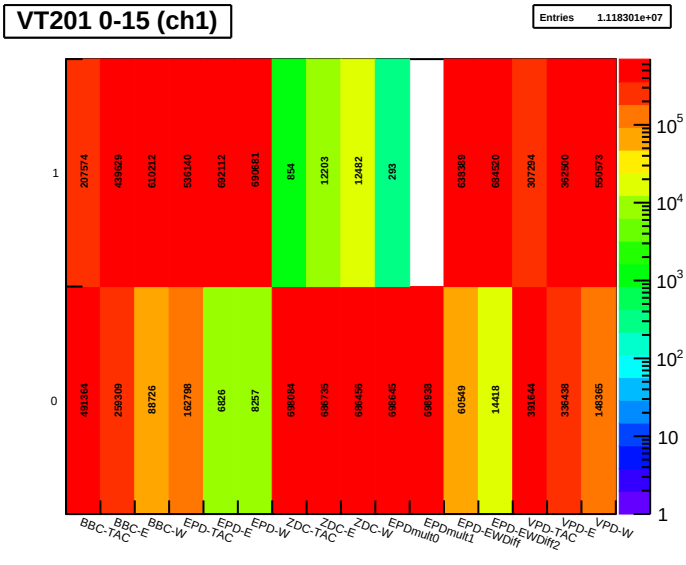

Entries 698938
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

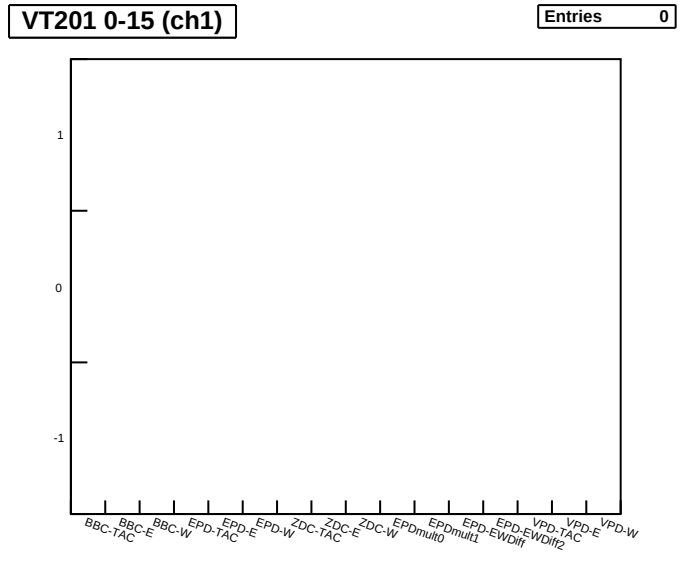

Laser Input Bits
Entries 698938
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

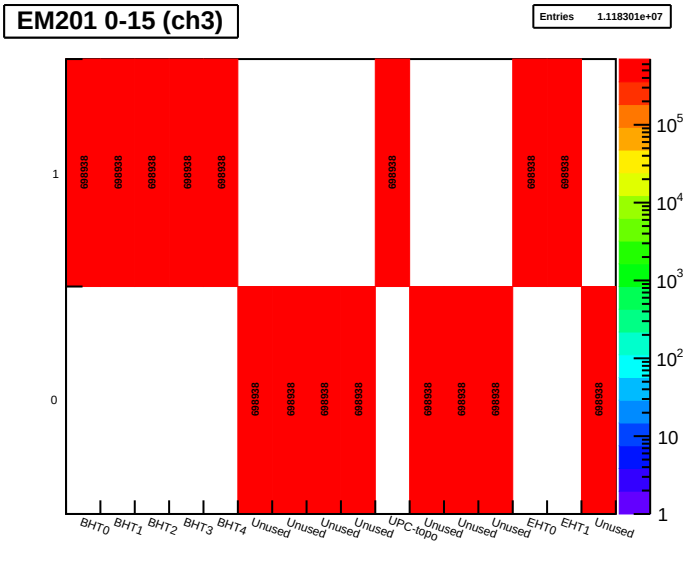

ST201 0-15 (ch6)
Entries 1.118301e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
698938
698938
698938
698938
698938
698938
698938
698938
698938
698938
698938
698938
698938
698938
698937
698915
1
23
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

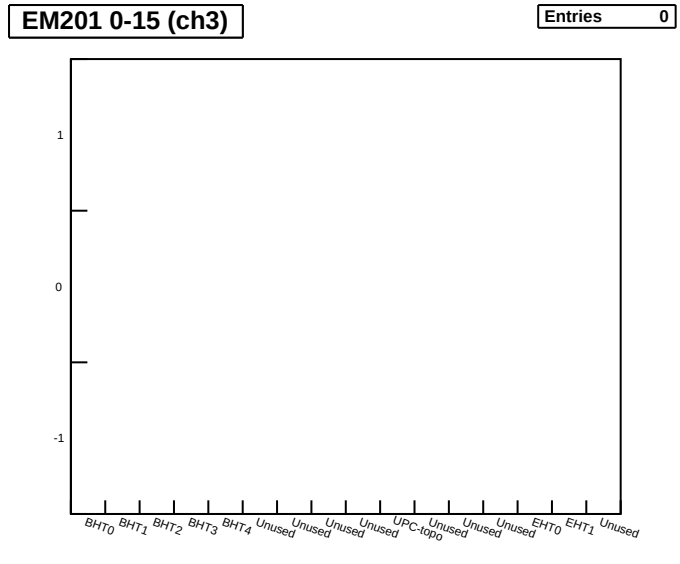

TF201 0-15 (ch0)
Entries 1.118301e+07
1
0
698938
692263
625853
606790
472509
585404
535641
500550
698938
698938
698938
698938
698938
6675
73085
93148
226429
113534
113297
118388
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 1.118301e+07
1
0
207574
439629
610212
536140
692112
690681
854
12203
12482
293
638389
684520
307294
362500
550573
491364
259309
88726
162798
6826
8257
698084
686735
686456
686645
698938
60549
14418
391644
336438
148365
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 1.118301e+07
1
0
698938
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