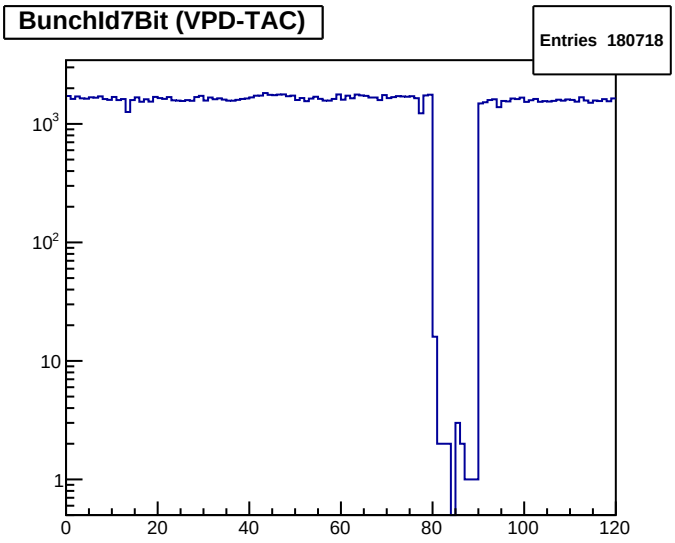
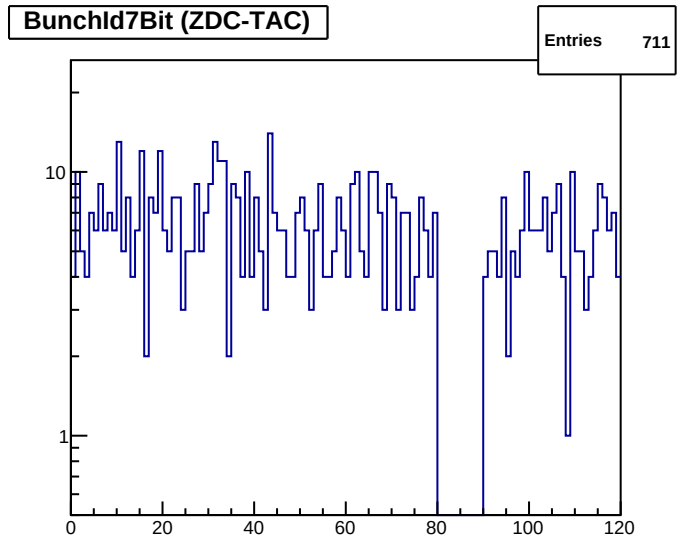
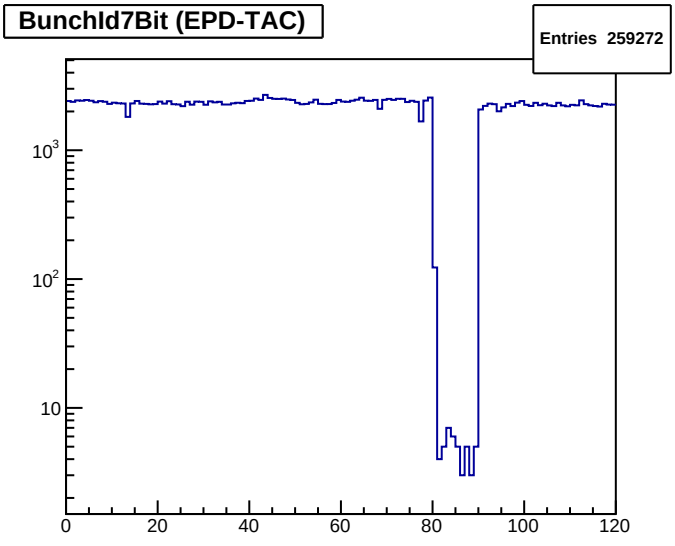
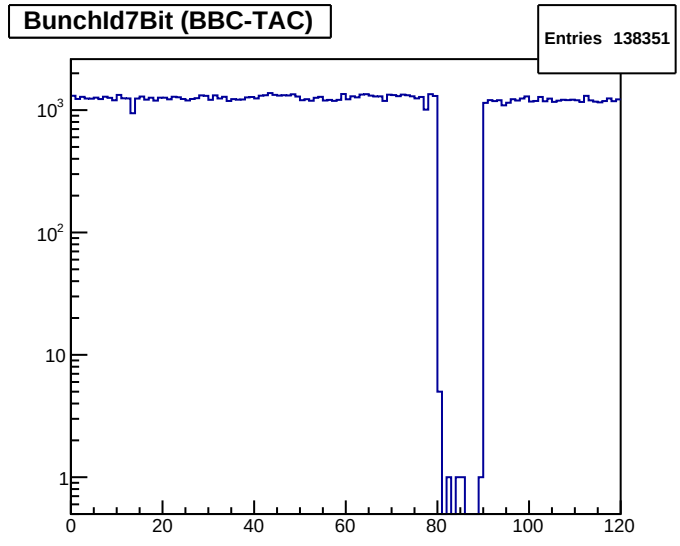
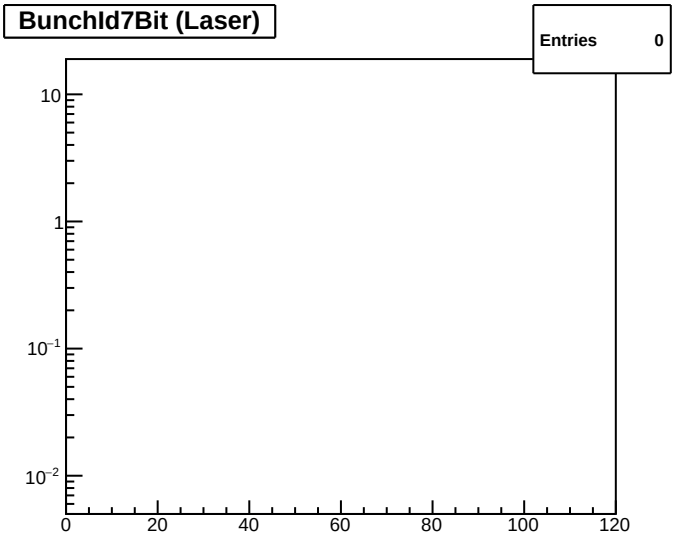
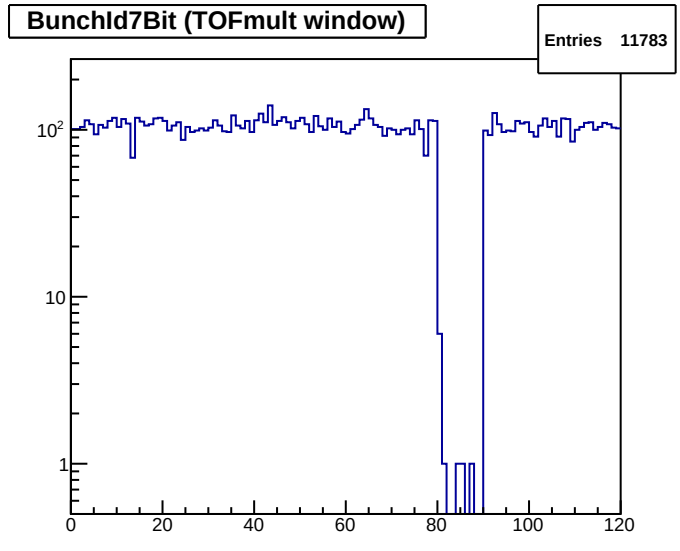

BunchId7Bit (VPD-TAC)
Entries 180718

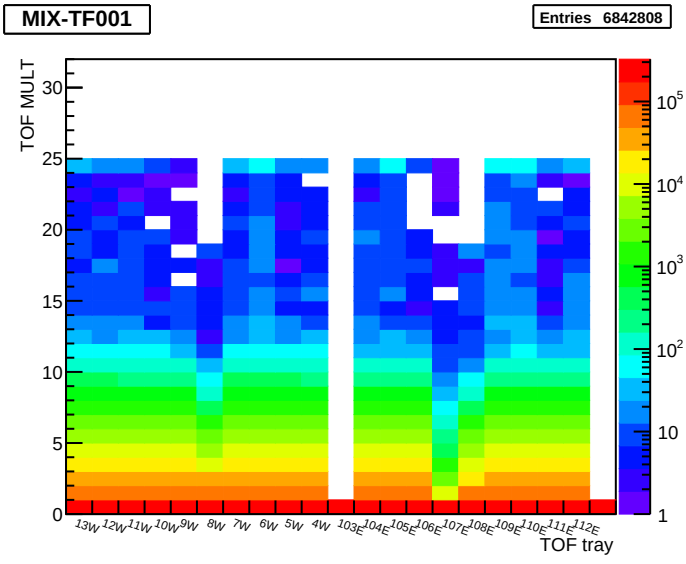

BunchId7Bit (ZDC-TAC)
Entries 711

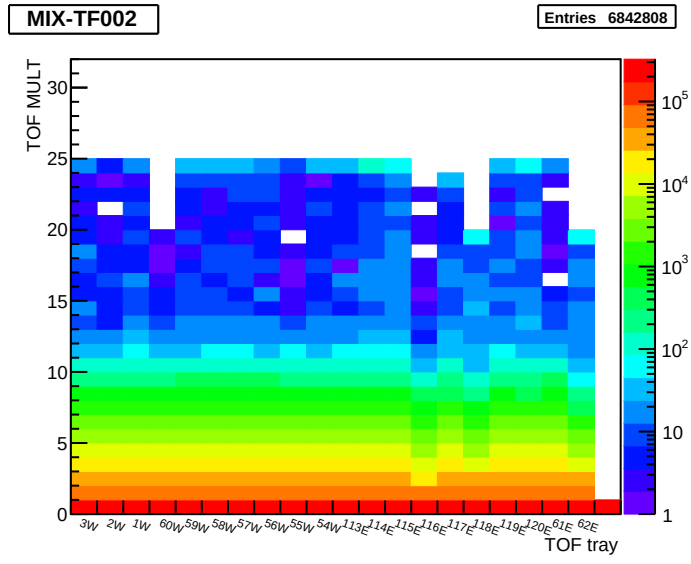

BunchId7Bit (EPD-TAC)
Entries 259272

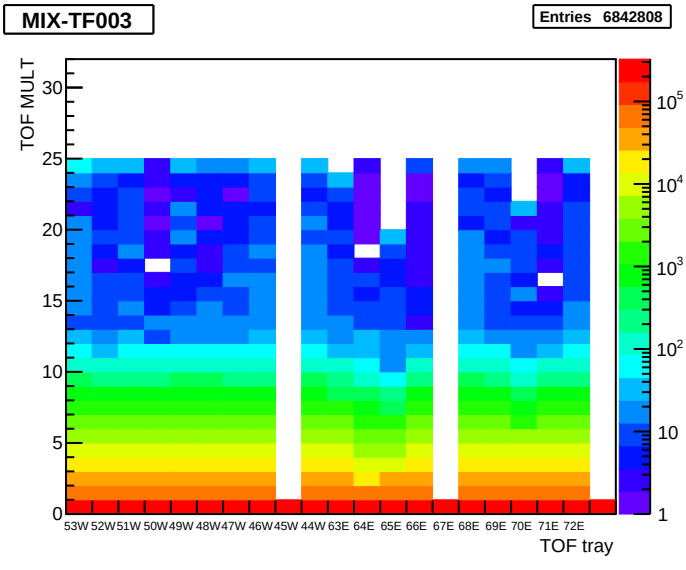

BunchId7Bit (BBC-TAC)
Entries 138351

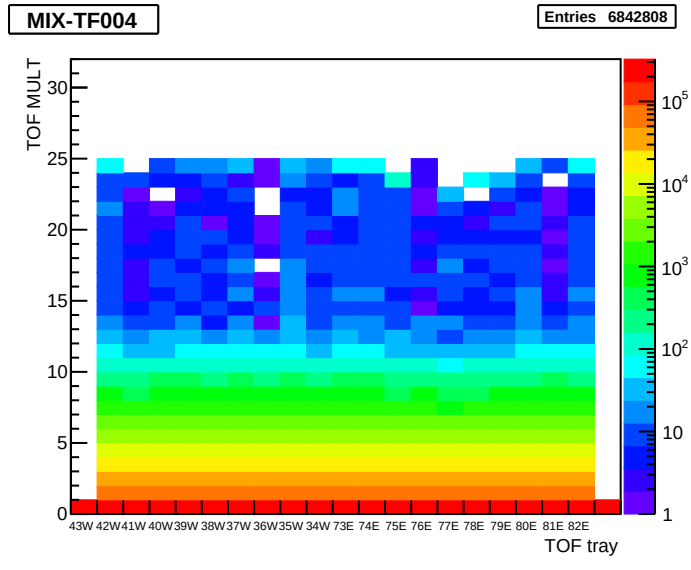

BunchId7Bit (Laser)
Entries 0

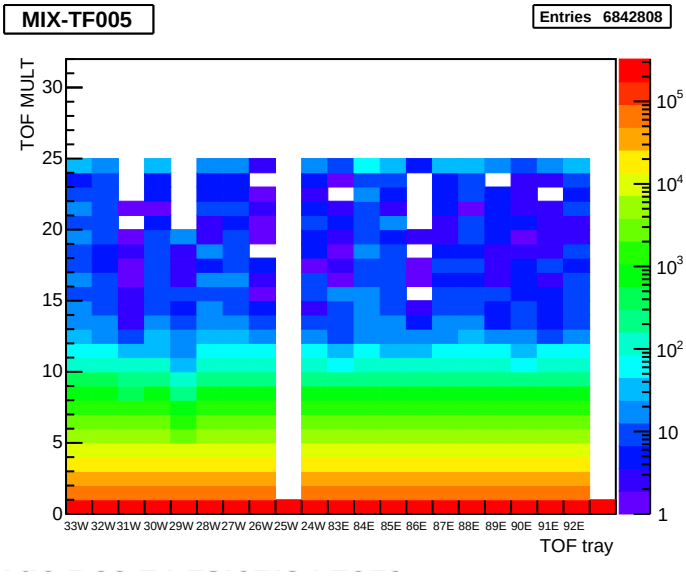

BunchId7Bit (TOFmult window)
Entries 11783

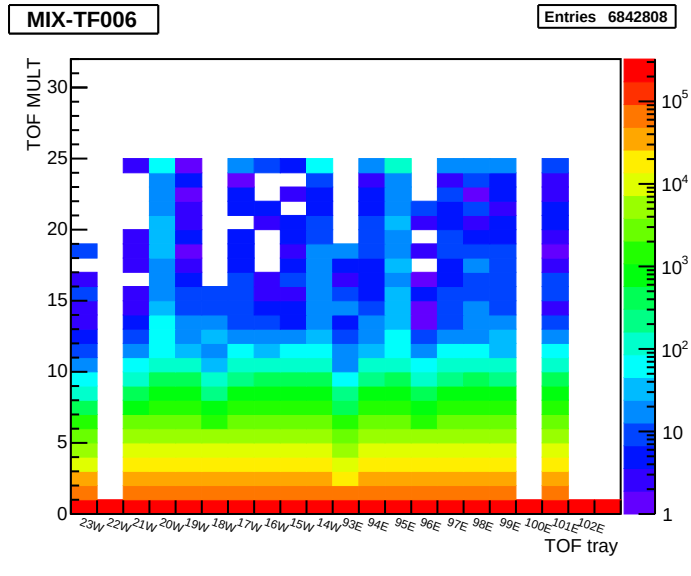

MIX-TF001
Entries 6842808
TOF MULT
TOF tray

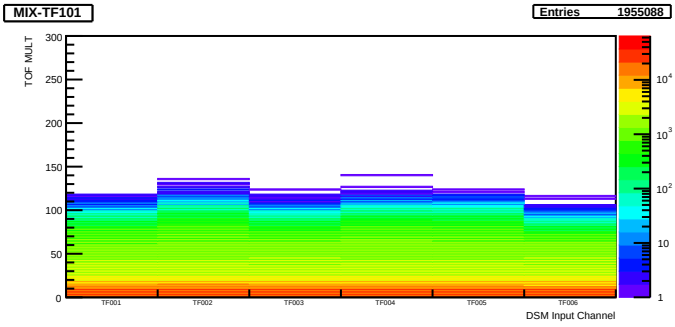

MIX-TF002
Entries 6842808
TOF MULT
TOF tray

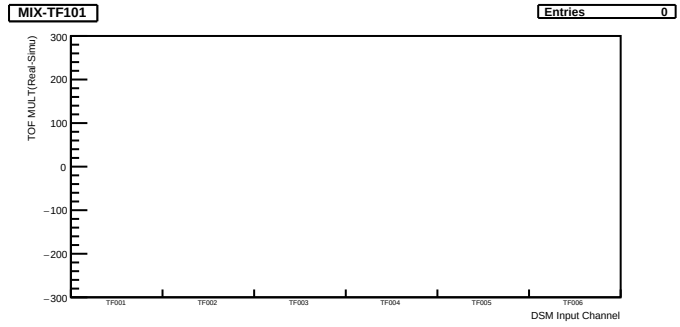

MIX-TF003
Entries 6842808
TOF MULT
TOF tray

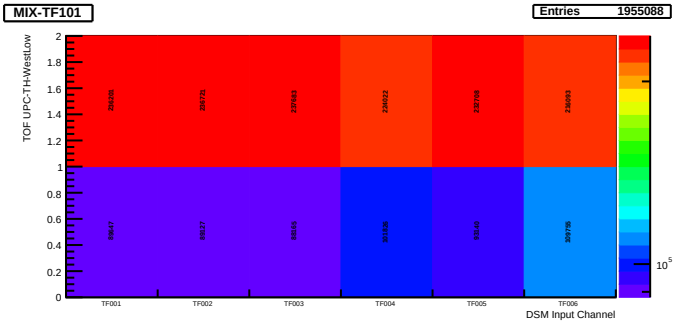

MIX-TF004
Entries 6842808
TOF MULT
TOF tray

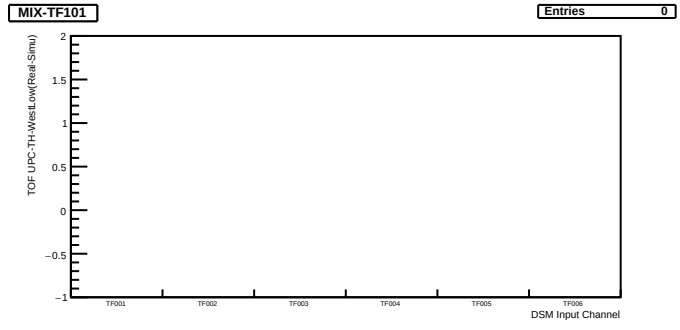

MIX-TF005
Entries 6842808
TOF MULT
TOF tray

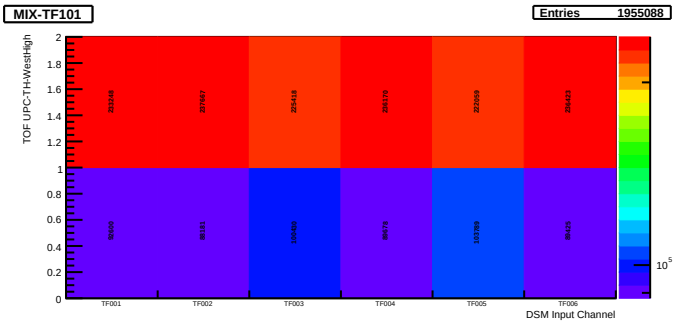

MIX-TF006
Entries 6842808
TOF MULT
TOF tray

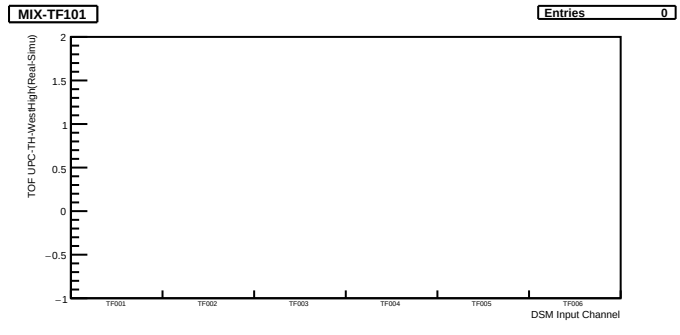

MIX-TF101
Entries 1955088
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

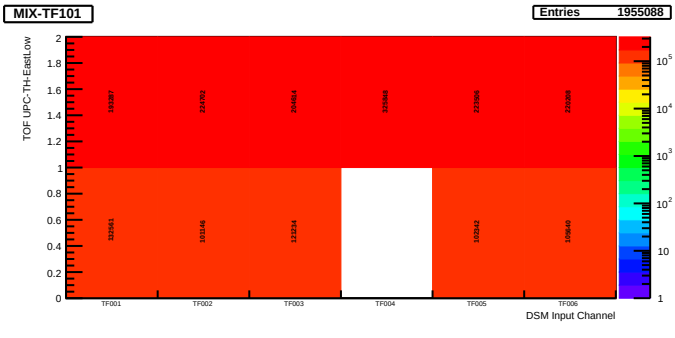

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

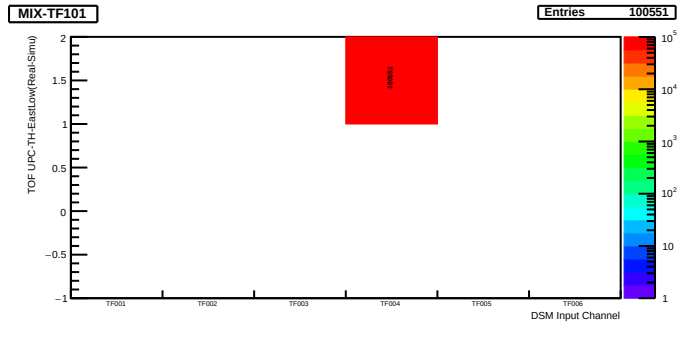

MIX-TF101
Entries 1955088
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

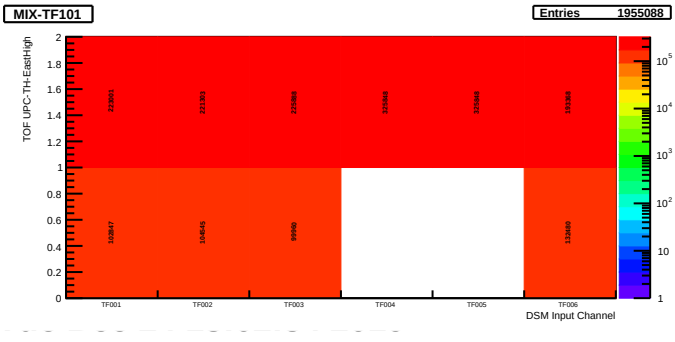

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

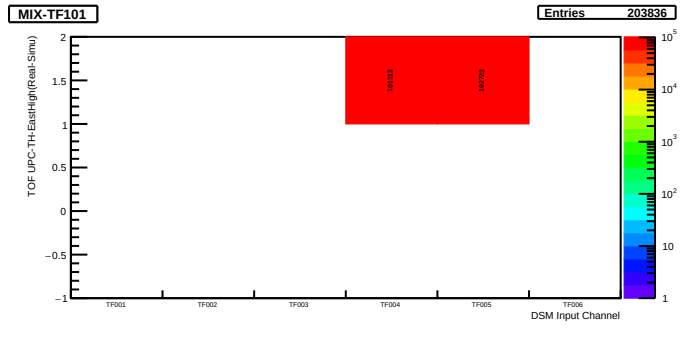

MIX-TF101
Entries 1955088
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

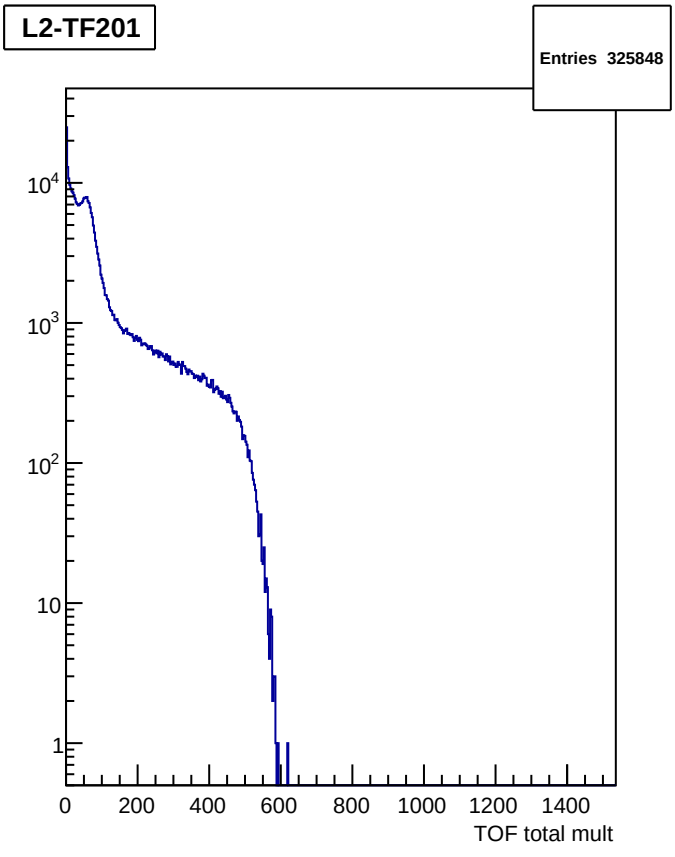

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

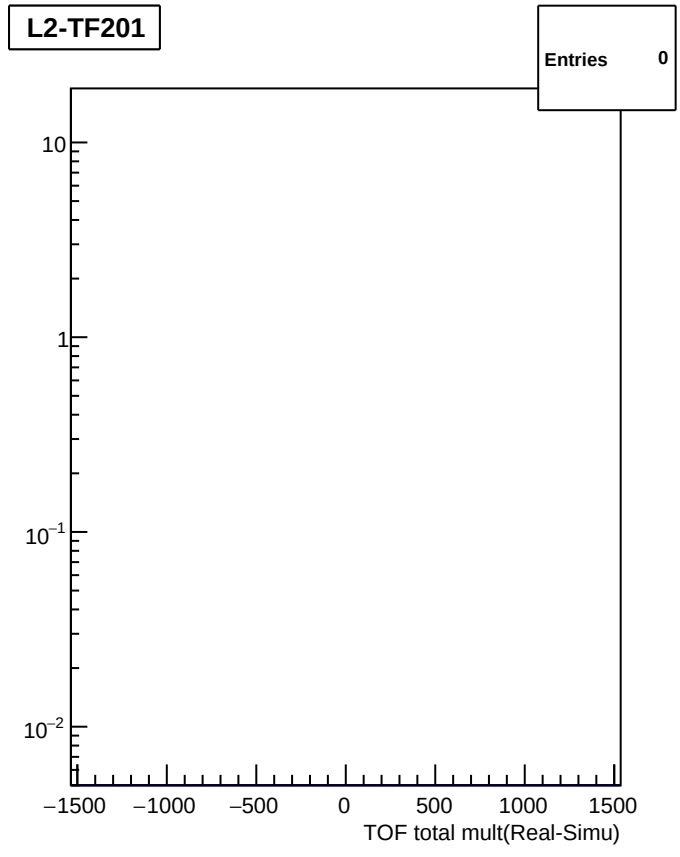

MIX-TF101
Entries 1955088
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

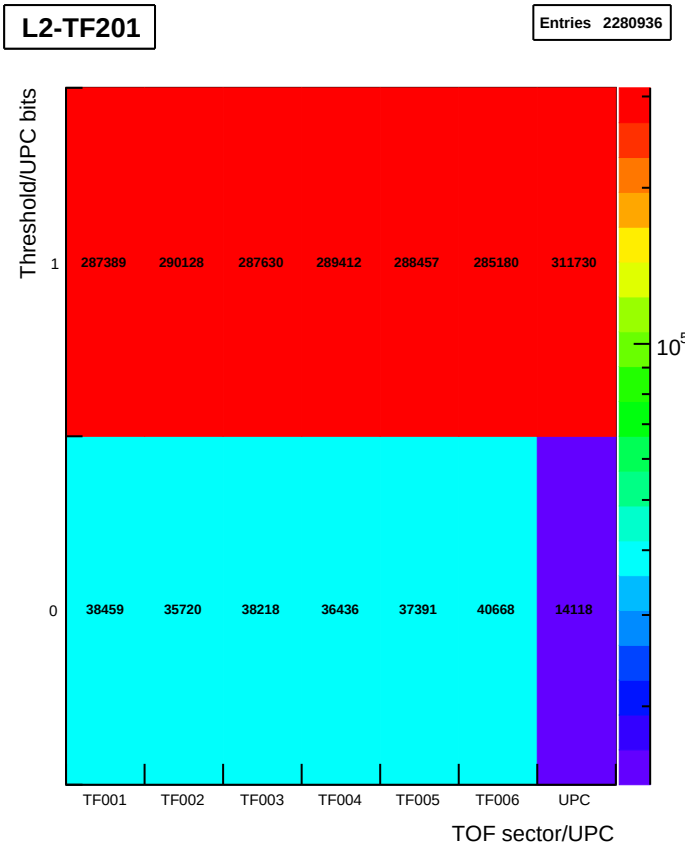

MIX-TF101
Entries 100551
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

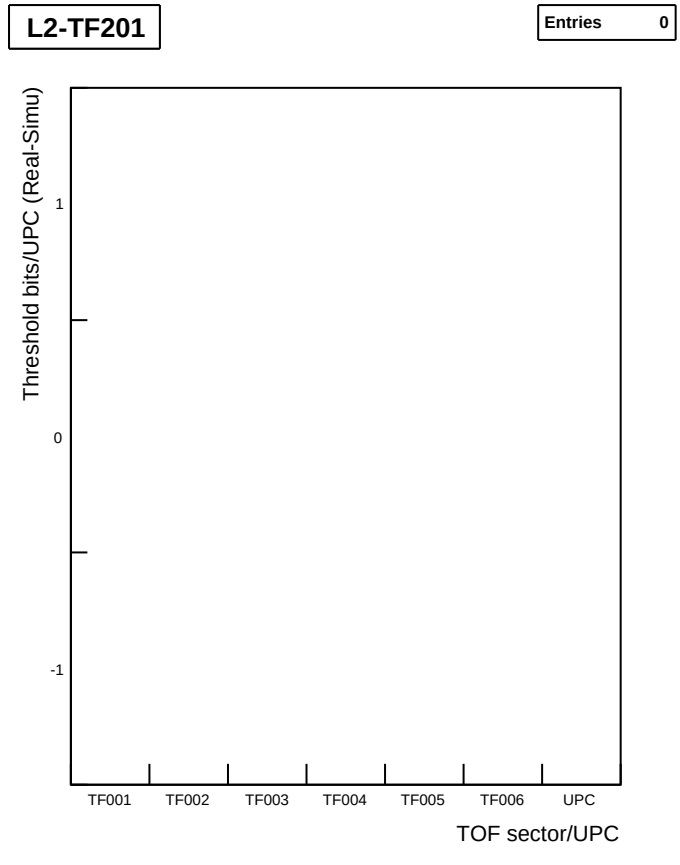

MIX-TF101
Entries 1955088
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

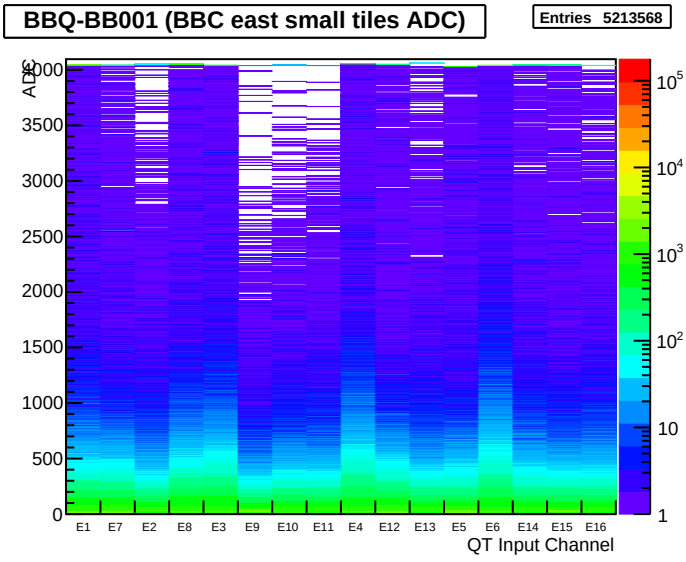

MIX-TF101
Entries 203836
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

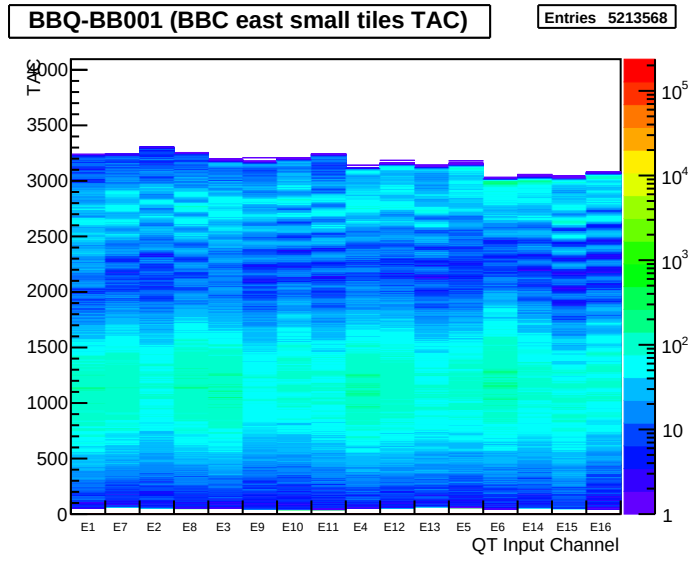

L2-TF201
Entries 325848
TOF total mult

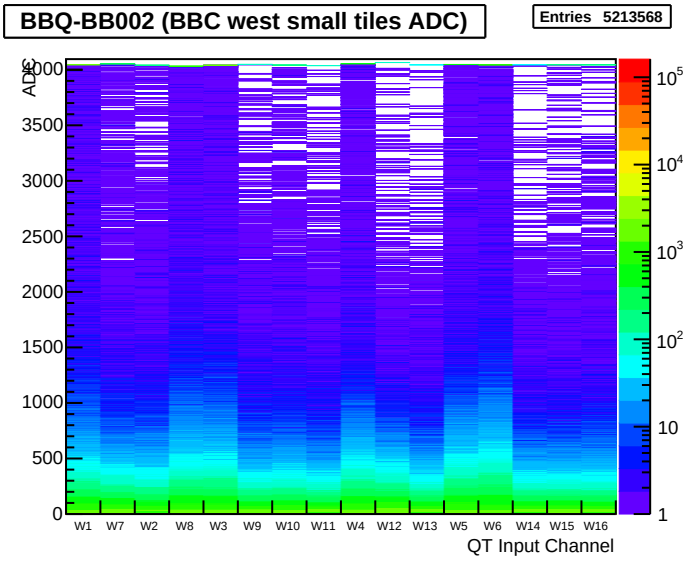

L2-TF201
Entries 0
TOF total mult(Real-Simu)

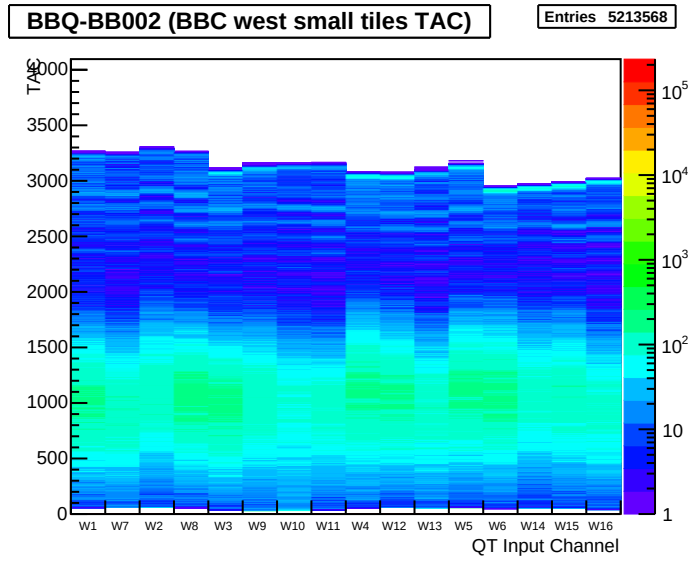

L2-TF201
Entries 2280936
Threshold/UPC bits
287389
290128
287630
289412
288457
285180
311730
38459
35720
38218
36436
37391
40668
14118
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

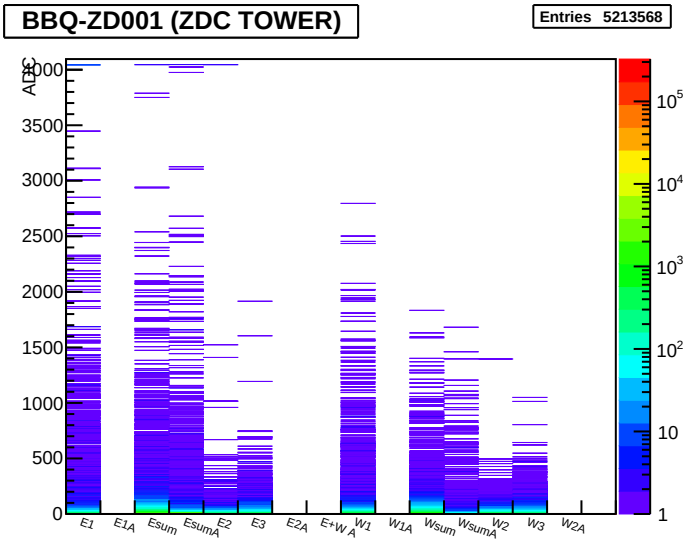

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

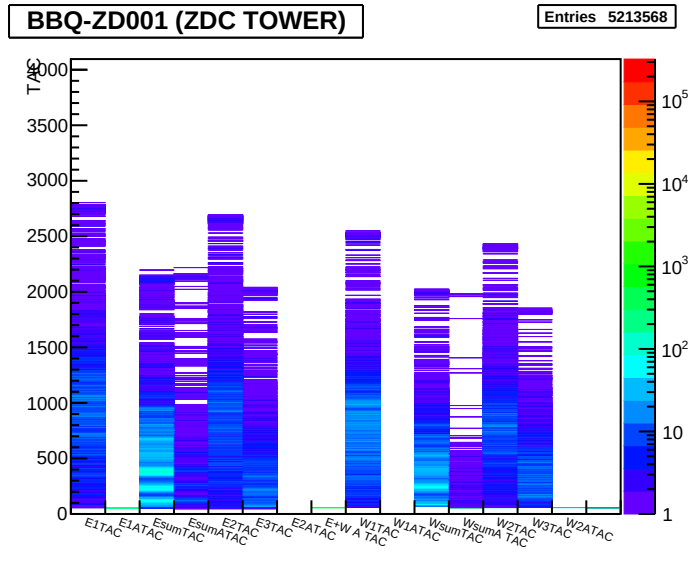

BBQ-BB001 (BBC east small tiles ADC)
Entries 5213568
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

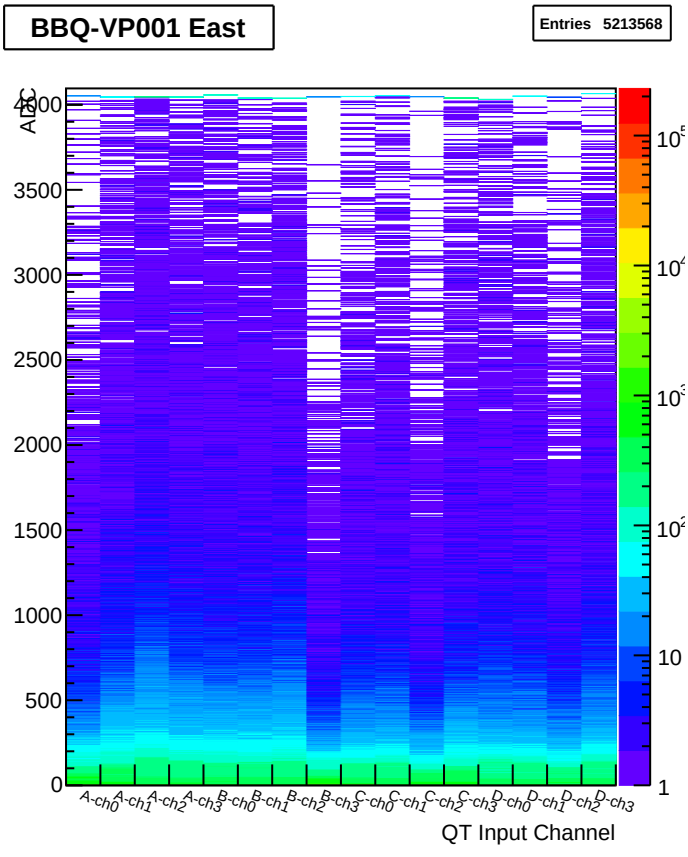

BBQ-BB001 (BBC east small tiles TAC)
Entries 5213568
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

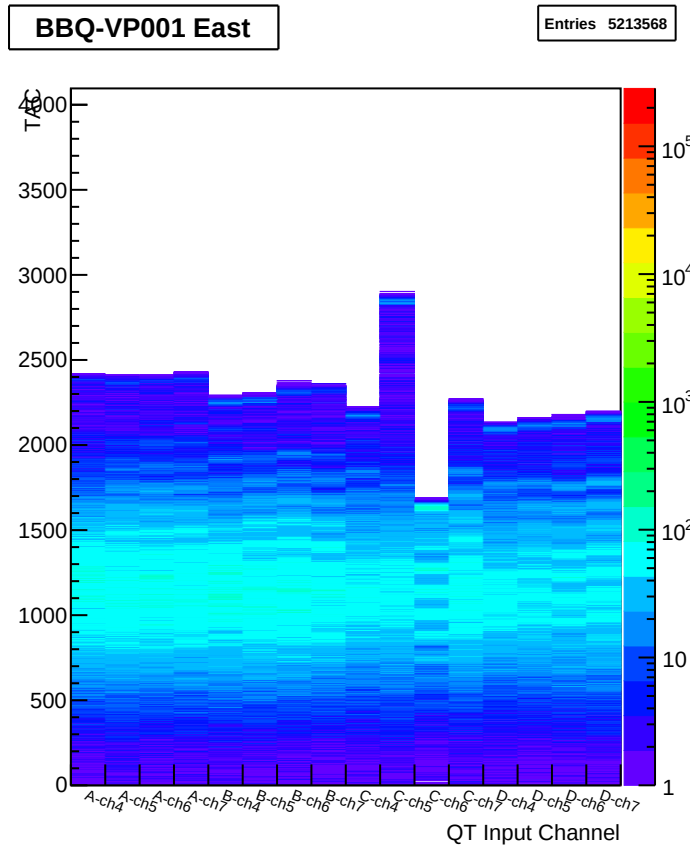

BBQ-BB002 (BBC west small tiles ADC)
Entries 5213568
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

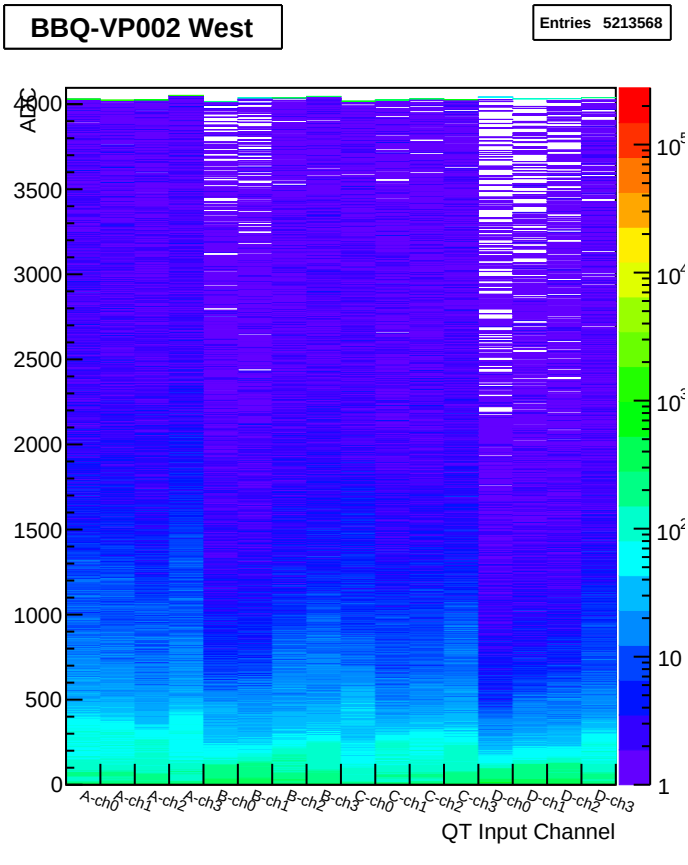

BBQ-BB002 (BBC west small tiles TAC)
Entries 5213568
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

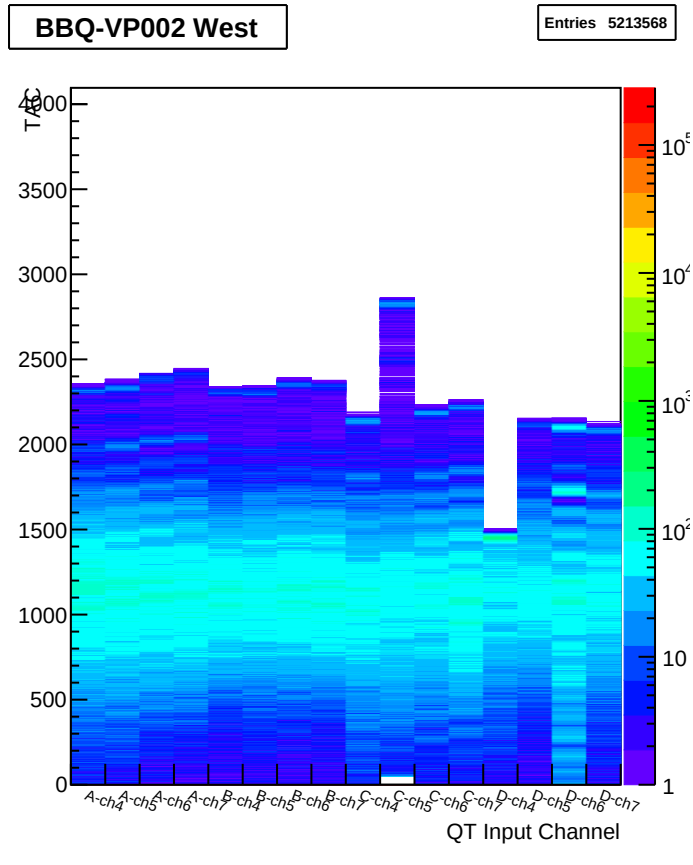

BBQ-ZD001 (ZDC TOWER)
Entries 5213568
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

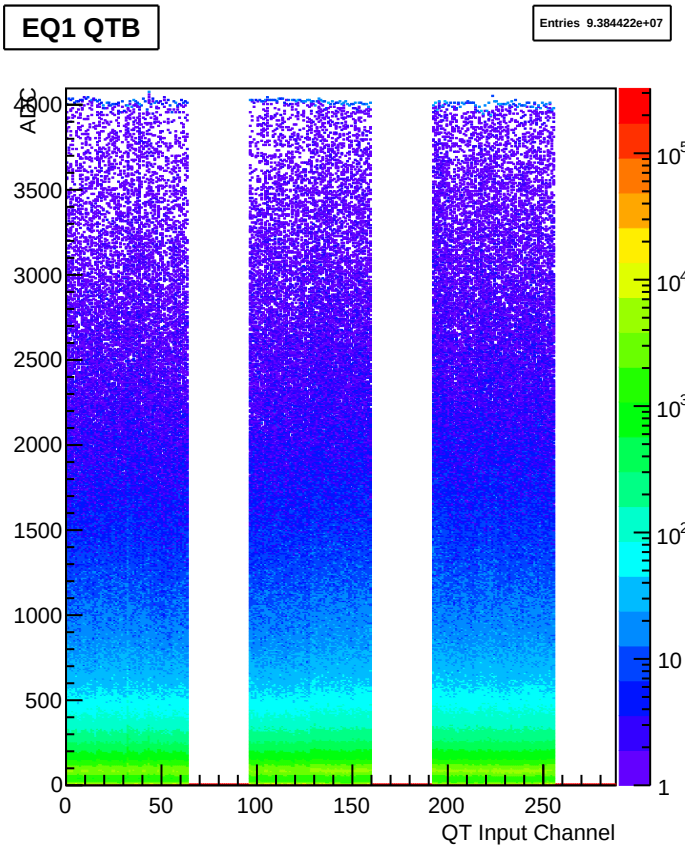

BBQ-ZD001 (ZDC TOWER)
Entries 5213568
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

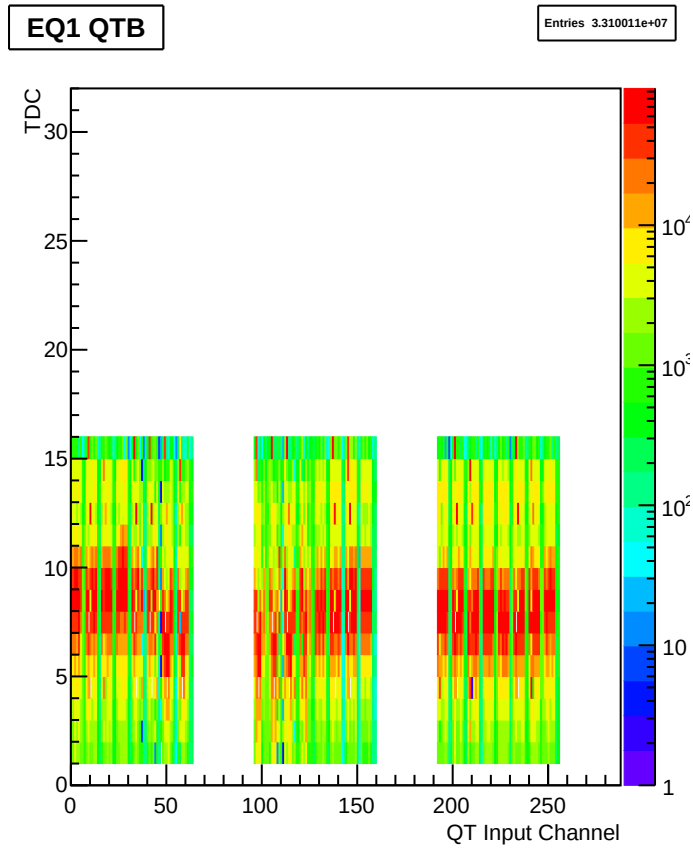

BBQ-VP001 East
Entries 5213568
ADC
QT Input Channel

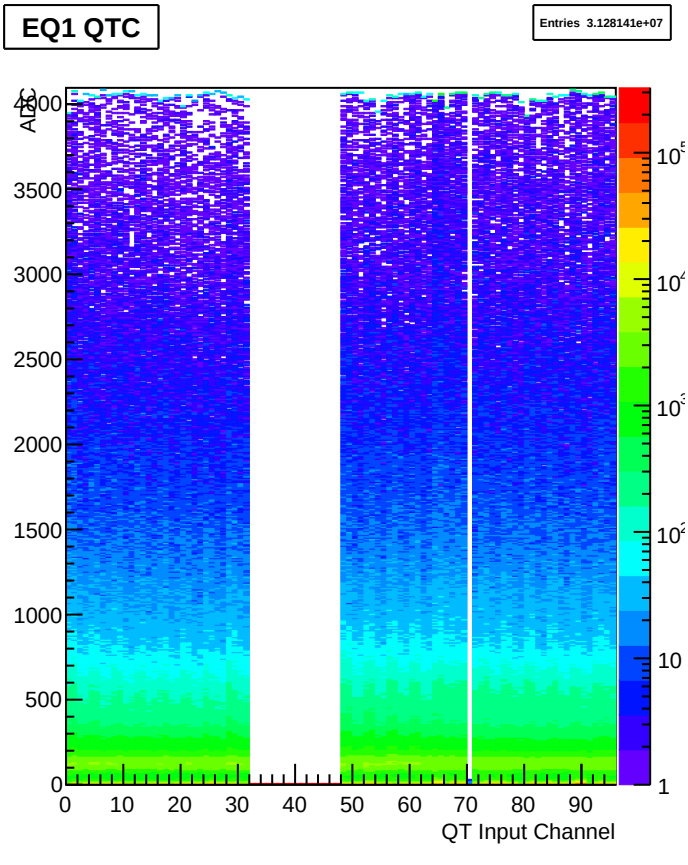

BBQ-VP001 East
Entries 5213568
TADC
QT Input Channel

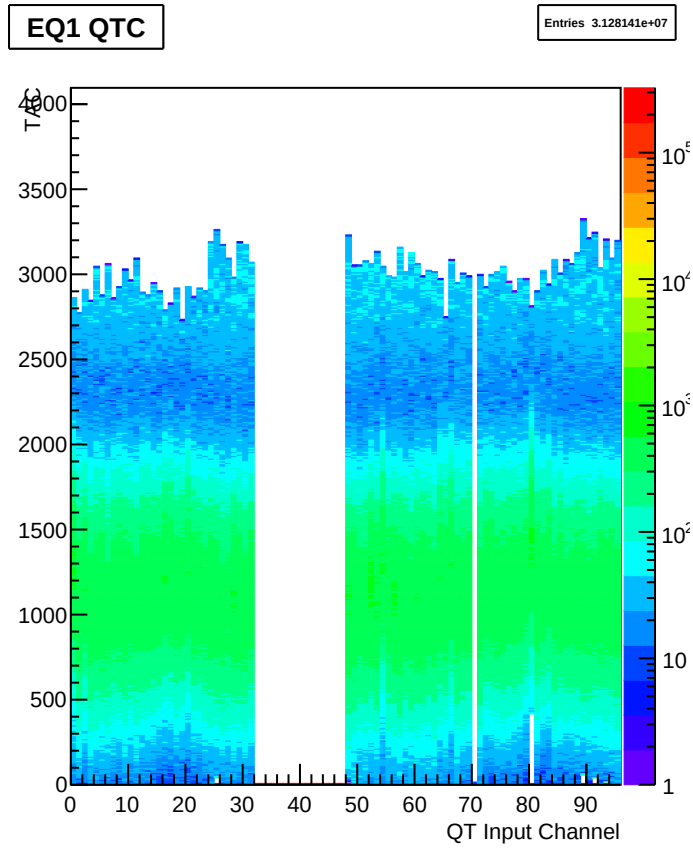

BBQ-VP002 West
Entries 5213568
ADC
QT Input Channel

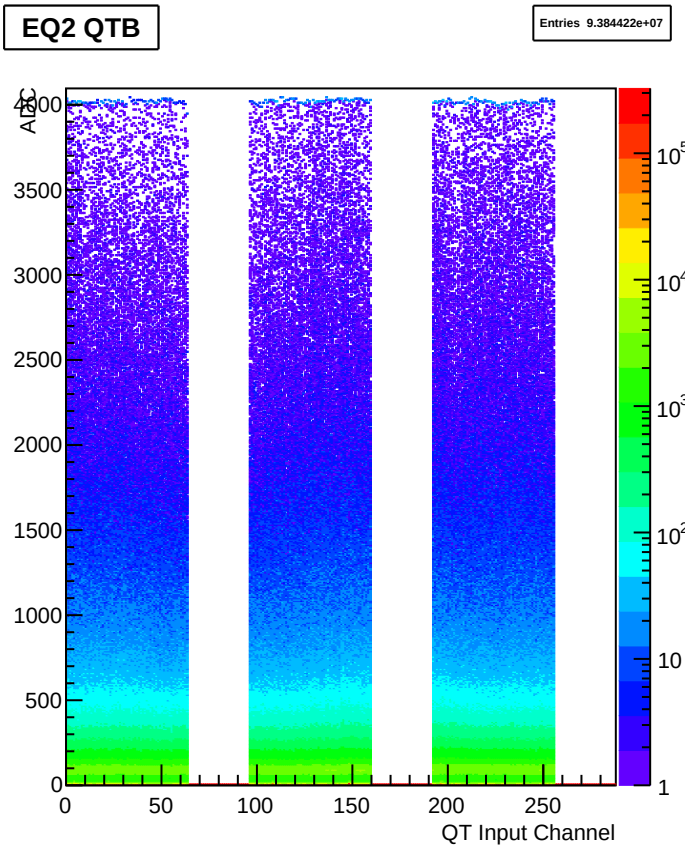

BBQ-VP002 West
Entries 5213568
TADC
QT Input Channel

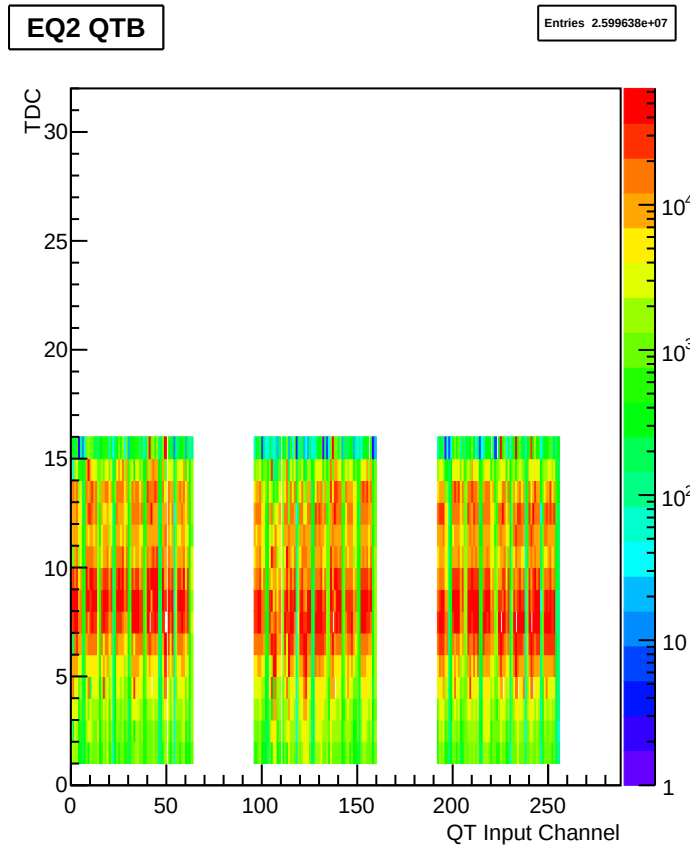

EQ1 QTB
Entries 9.384422e+07
ADC
QT Input Channel

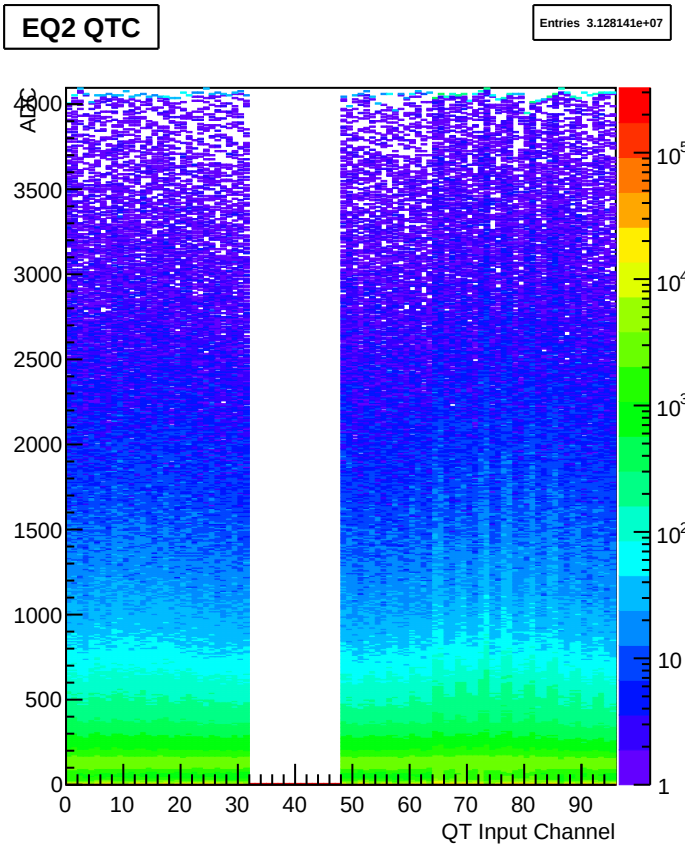

EQ1 QTB
Entries 3.310011e+07
TDC
QT Input Channel

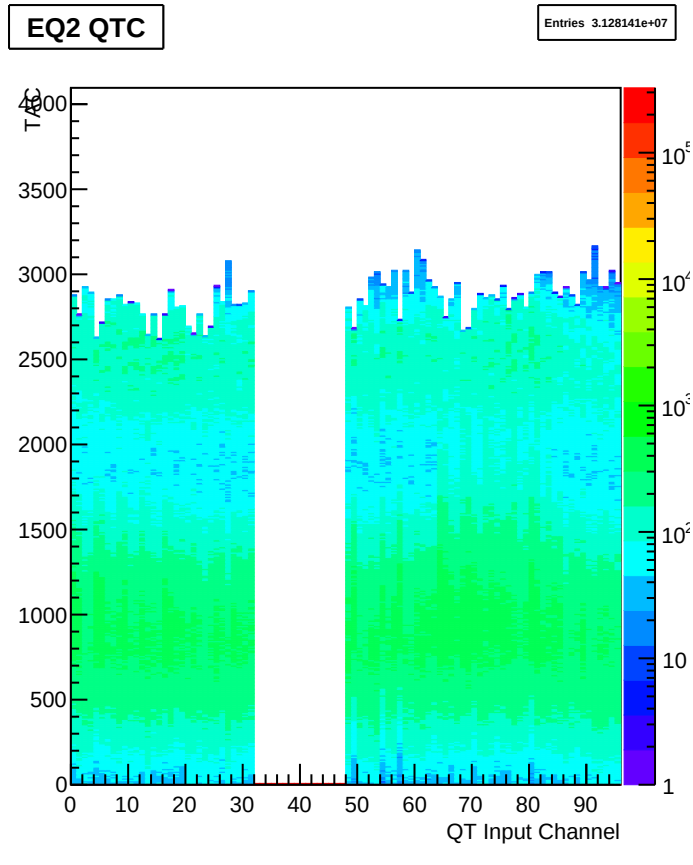

EQ1 QTC
Entries 3.128141e+07
ADC
QT Input Channel

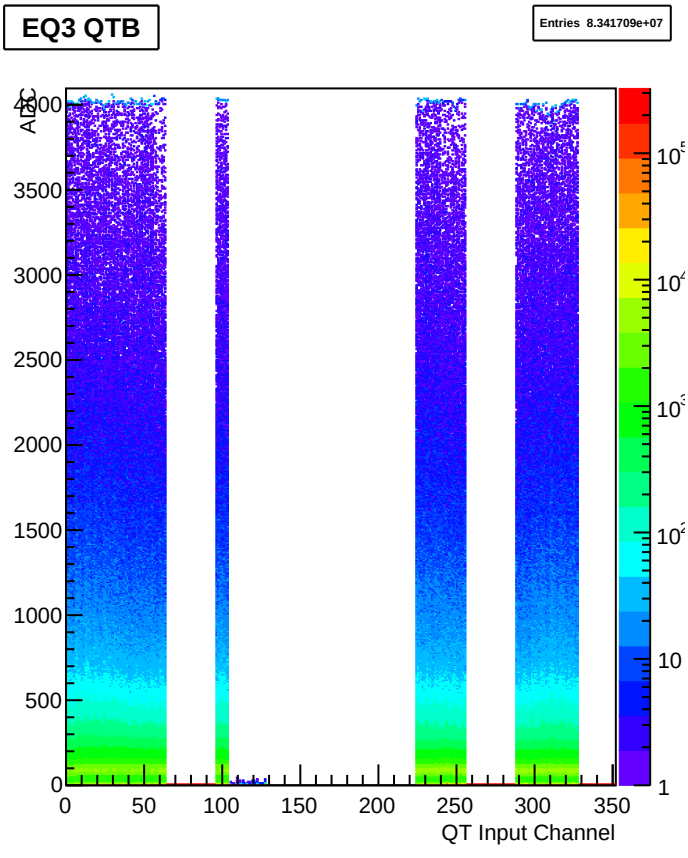

EQ1 QTC
Entries 3.128141e+07
TADC
QT Input Channel

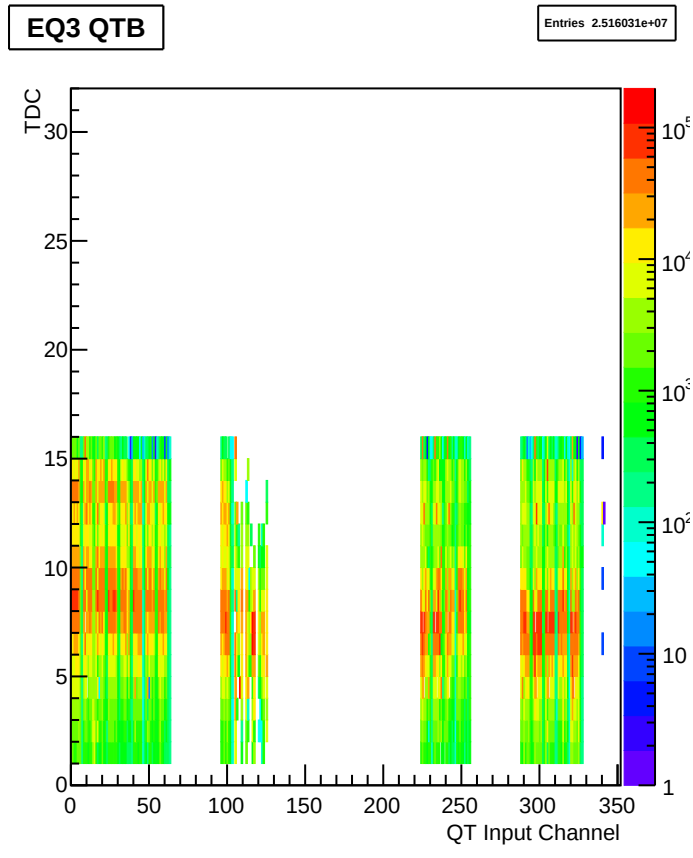

EQ2 QTB
Entries 9.384422e+07
ADC
QT Input Channel

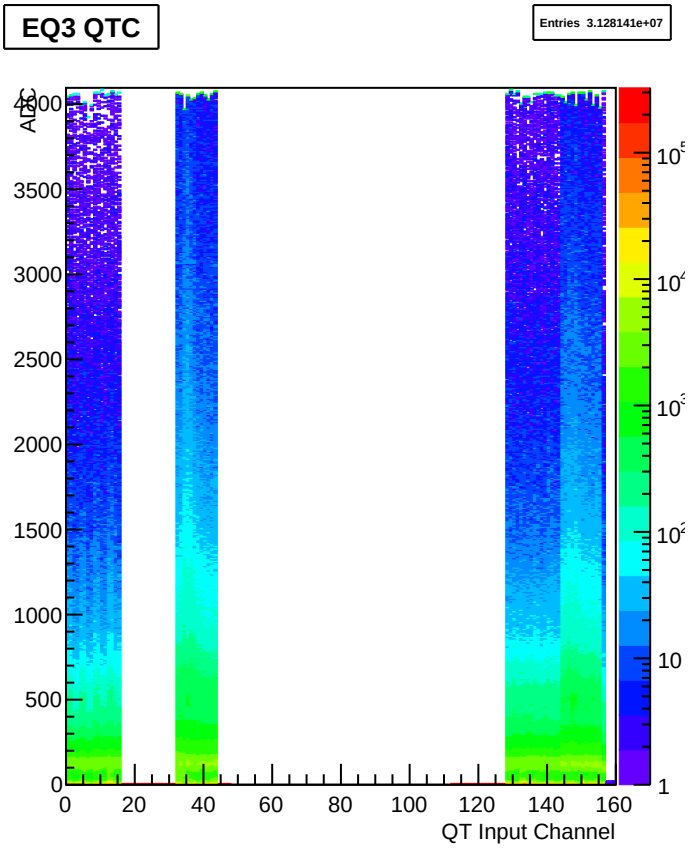

EQ2 QTB
Entries 2.599638e+07
TDC
QT Input Channel

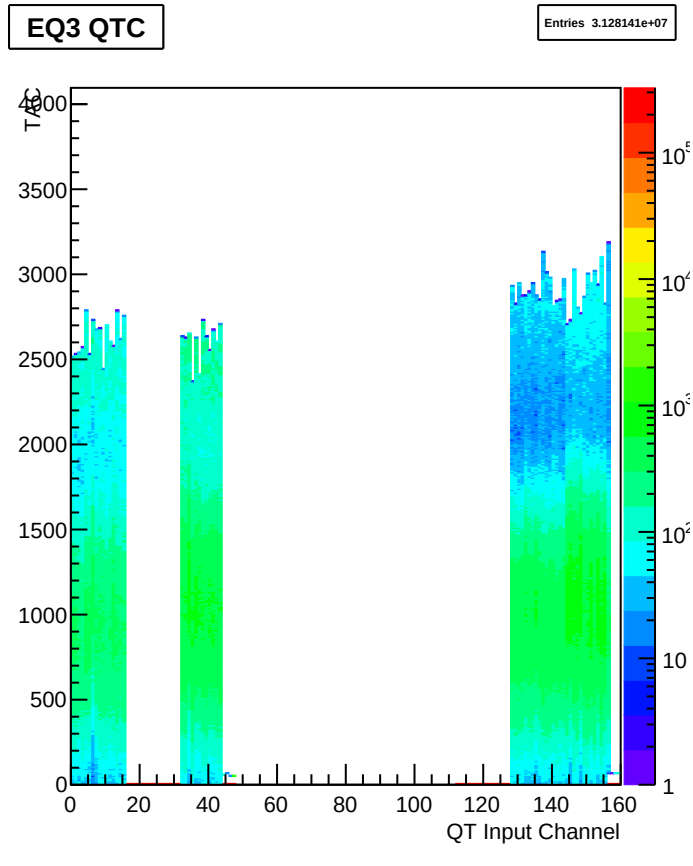

EQ2 QTC
Entries 3.128141e+07
ADC
QT Input Channel

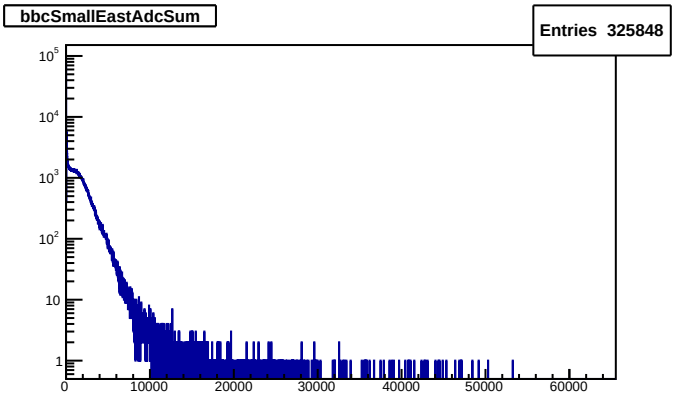

EQ2 QTC
Entries 3.128141e+07
TADC
QT Input Channel

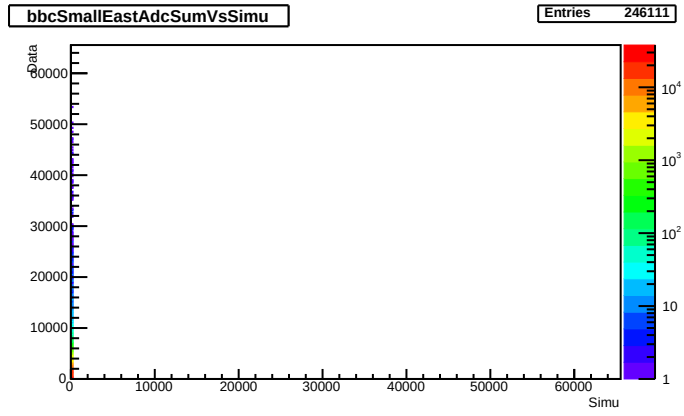

EQ3 QTB
Entries 8.341709e+07
ADC
QT Input Channel

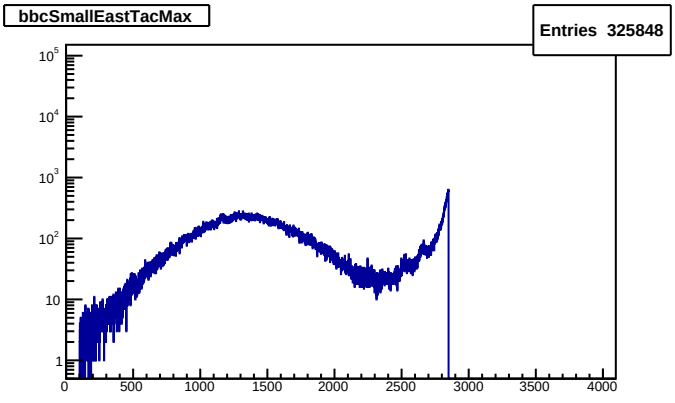

EQ3 QTB
Entries 2.516031e+07
TDC
QT Input Channel

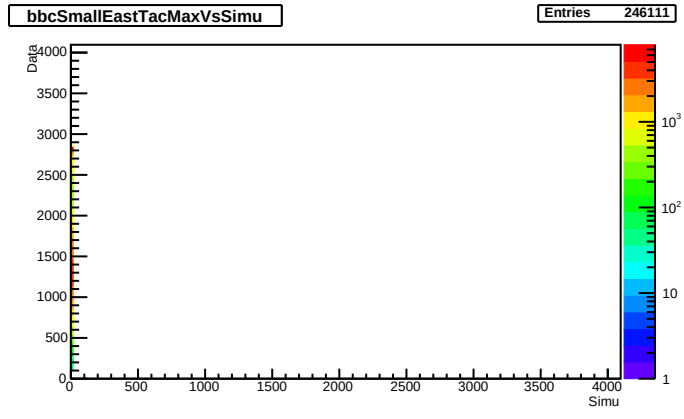

EQ3 QTC
Entries 3.128141e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.128141e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 325848


bbcSmallEastAdcSumVsSimu
Entries 246111
Data
Simu


bbcSmallEastTacMax
Entries 325848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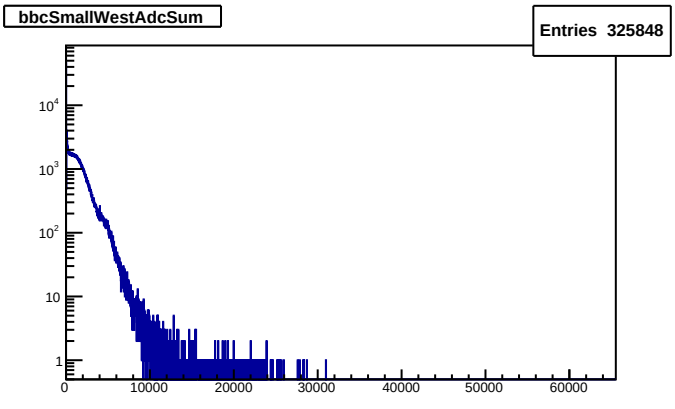
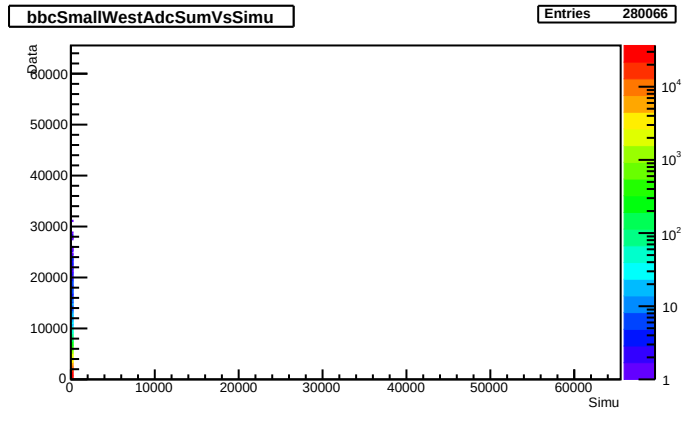

bbcSmallWestAdcSum
Entries 325848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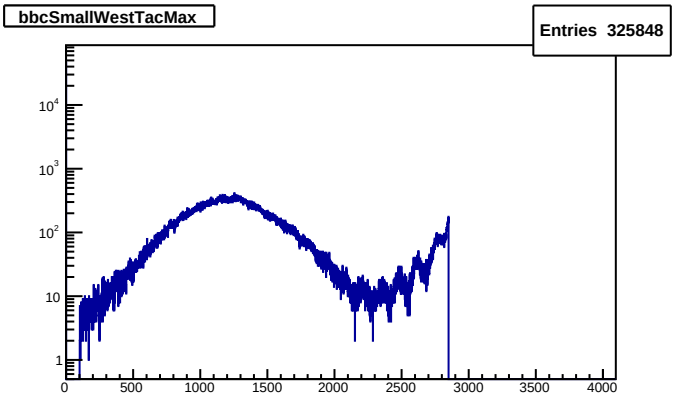
Entries 280066
Data
Simu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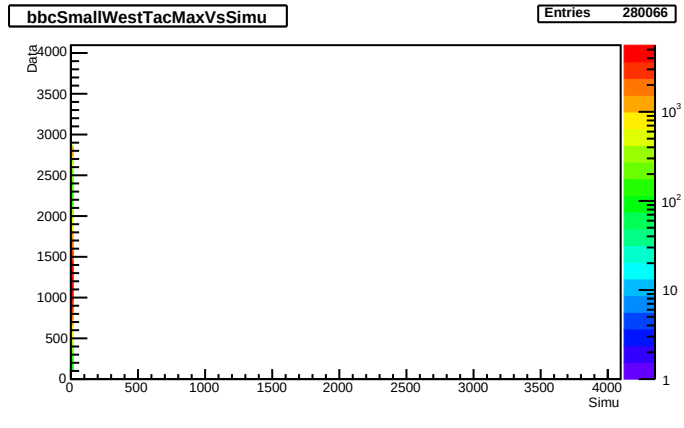
Entries 325848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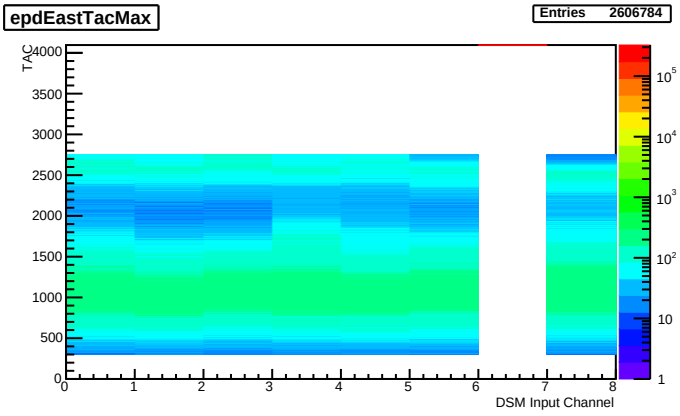
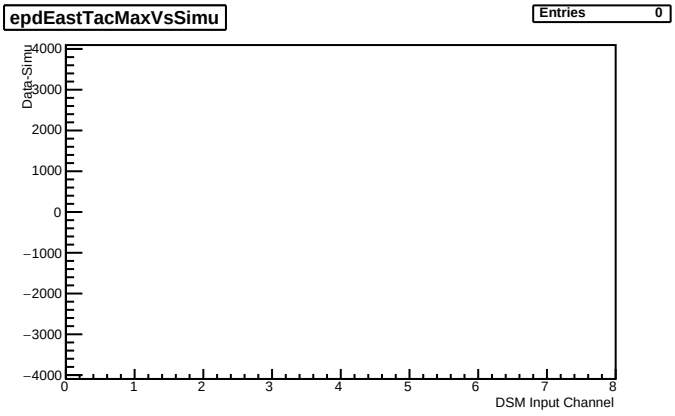
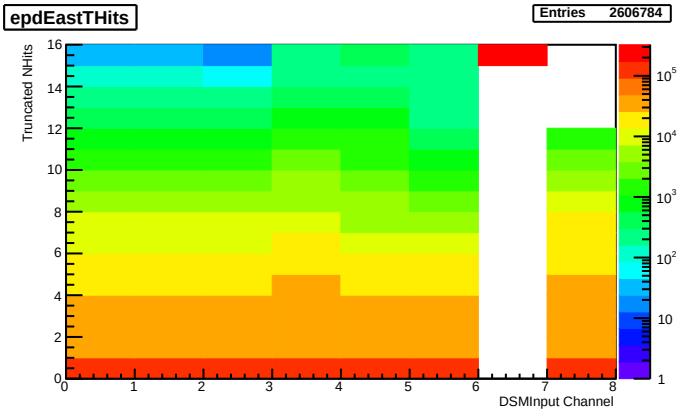
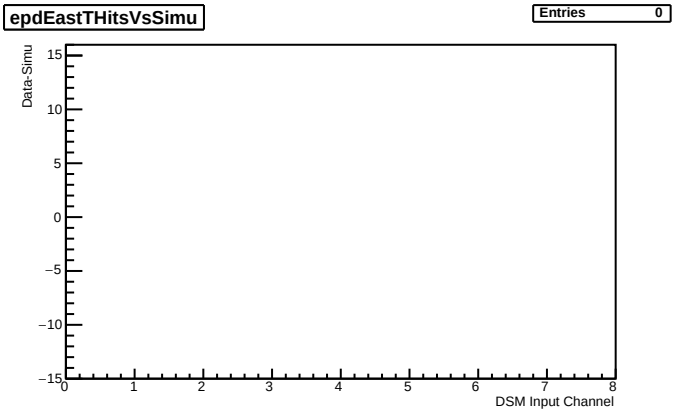
Entries 280066
Data
Simu


epdEastTacMax
Entries 2606784
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2606784
Truncated NHits
DSMInput Channel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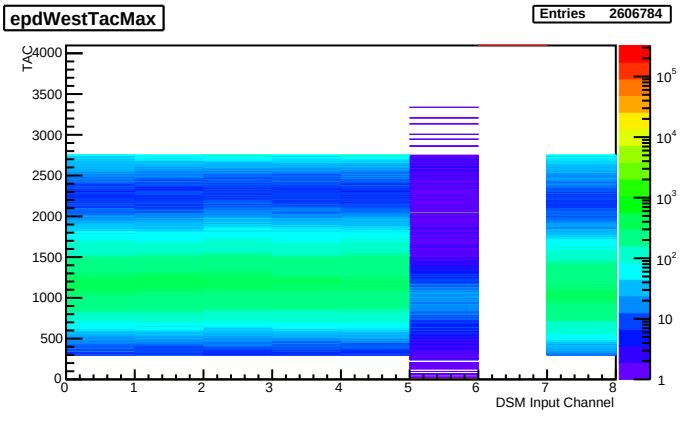
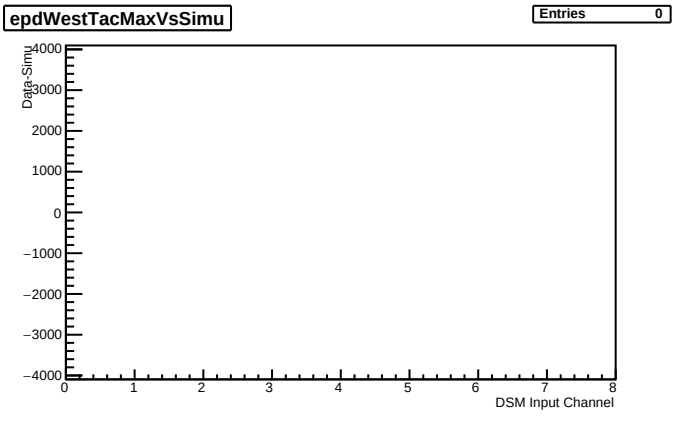
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2606784
TAC
DSM Input Channel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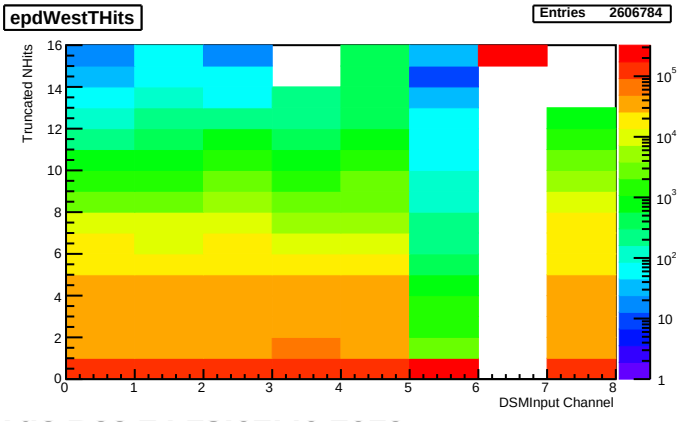
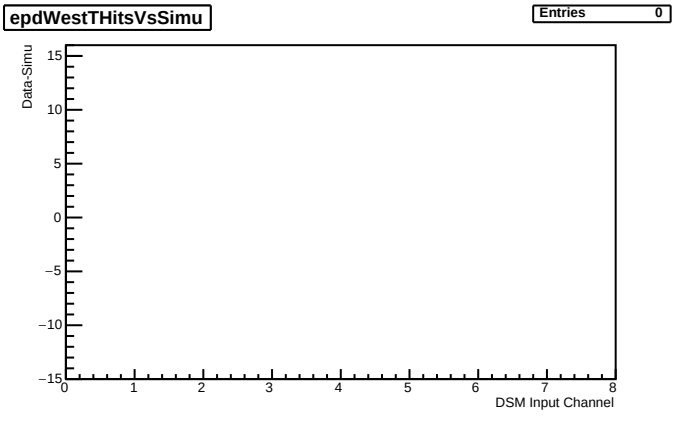
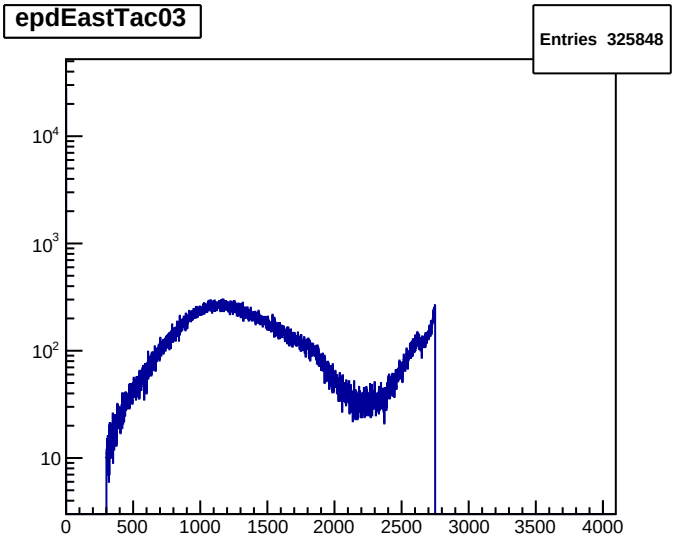
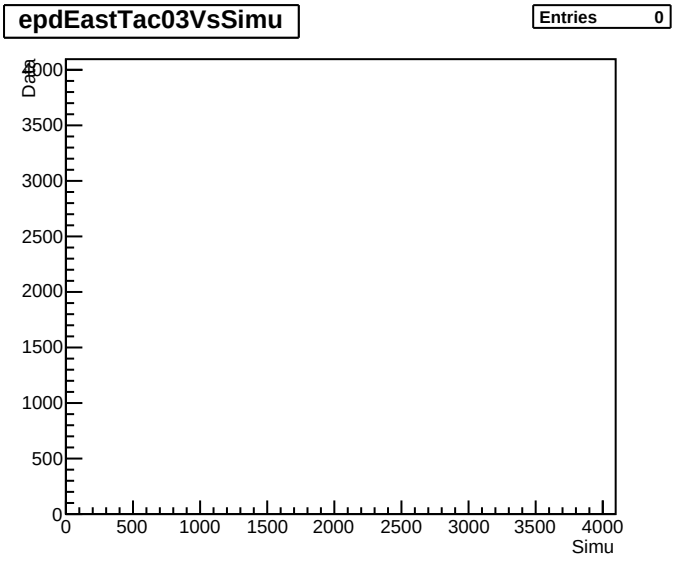
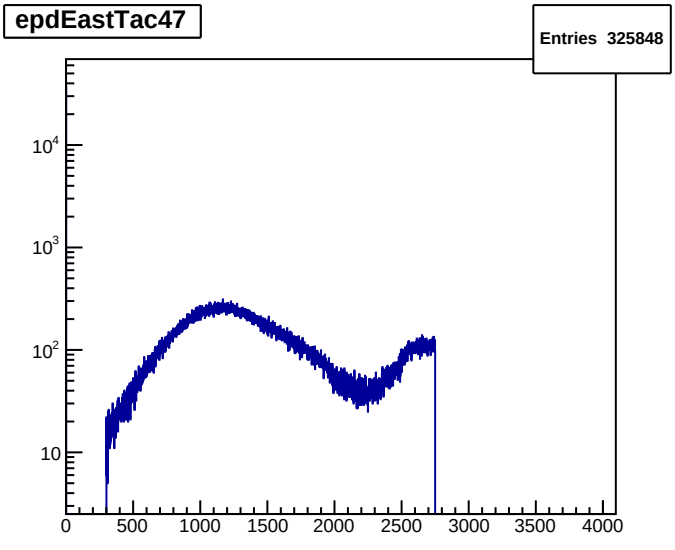
Entries 0
Data-Simu
DSM Input Channel

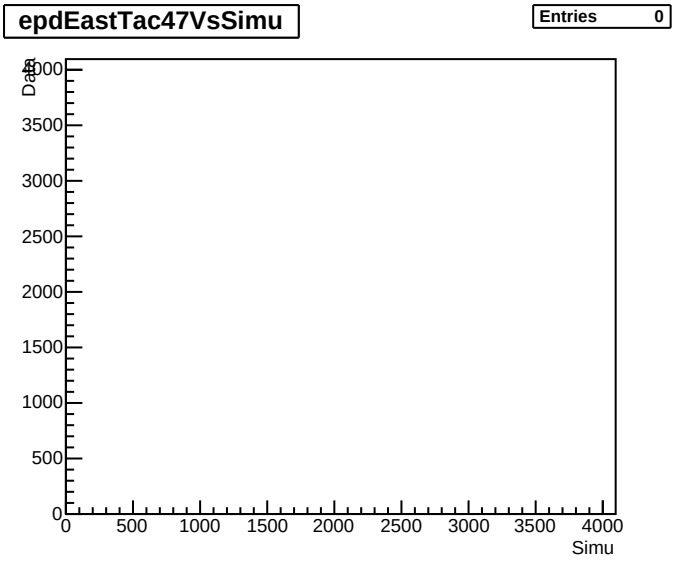

epdWestTHits
Entries 2606784
Truncated NHits
DSMInput Channel

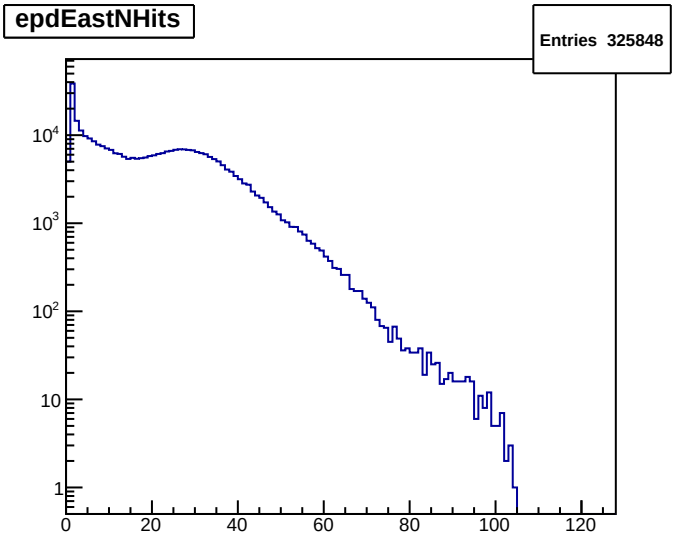

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

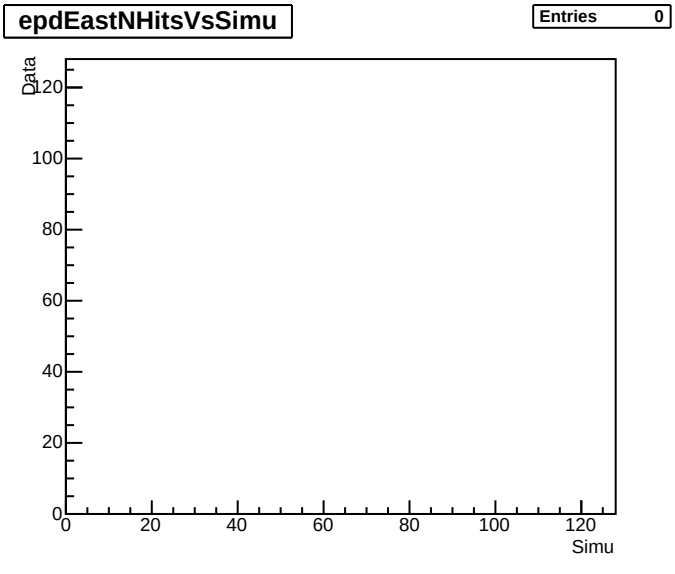

epdEastTac03
Entries 325848


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 325848


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 325848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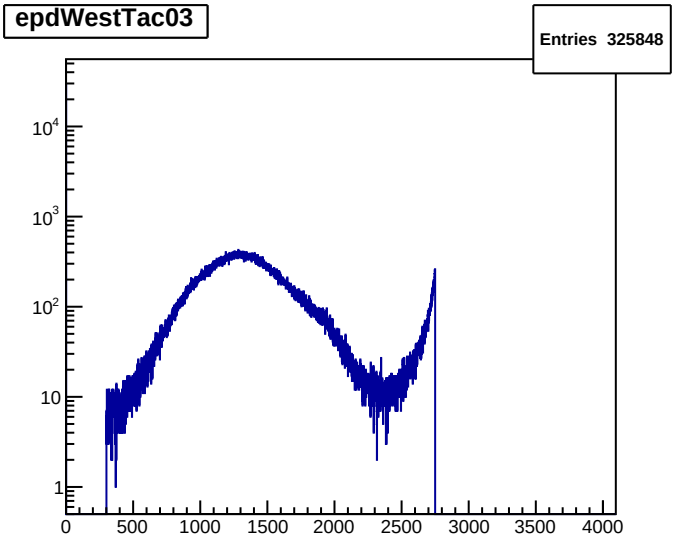
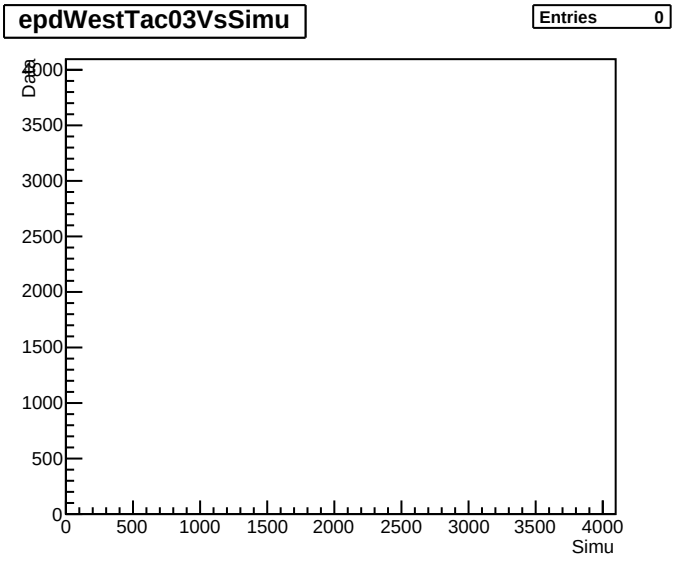
Entries 0
Data
Simu


epdWestTac03
Entries 325848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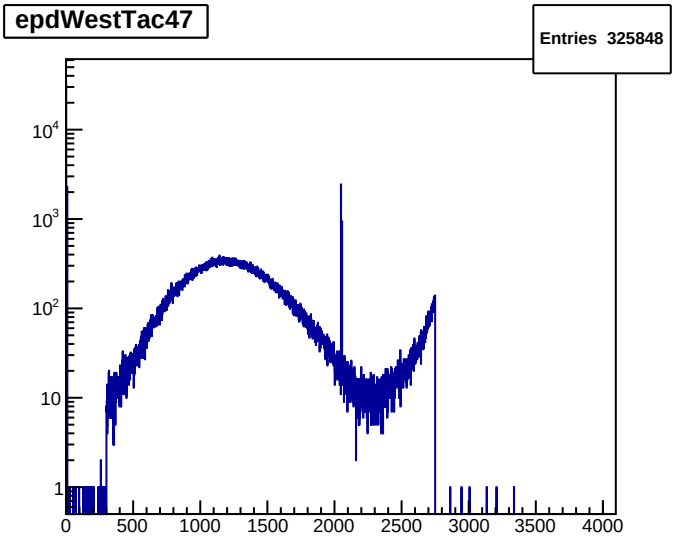
Entries 0
Data
Simu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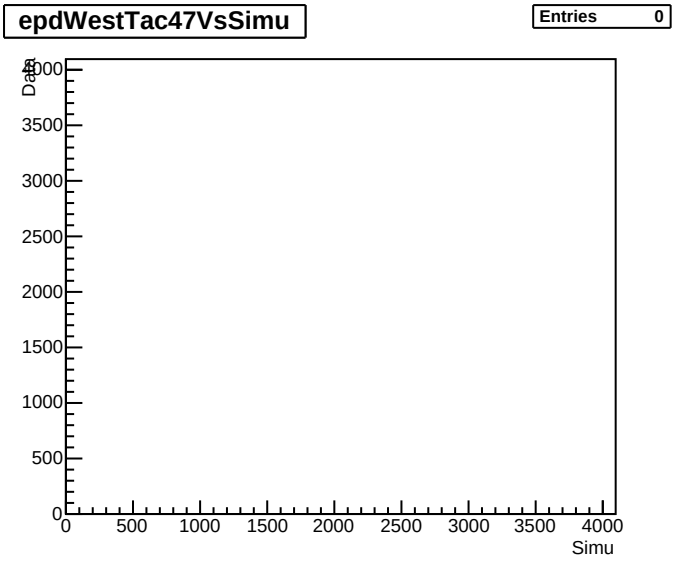
Entries 325848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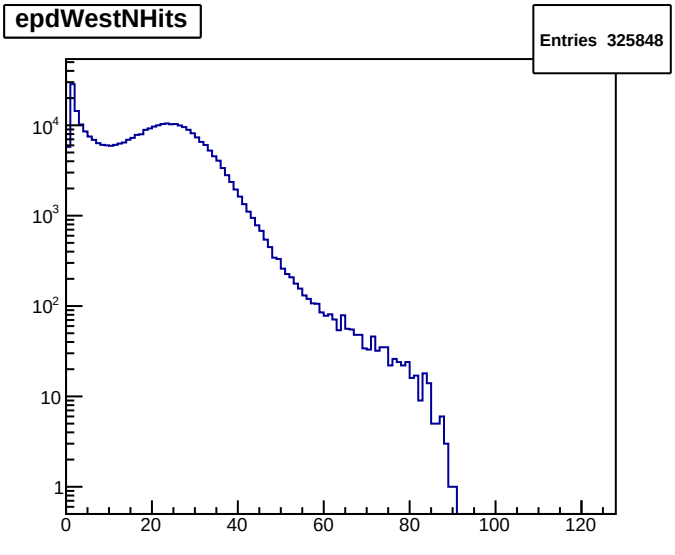
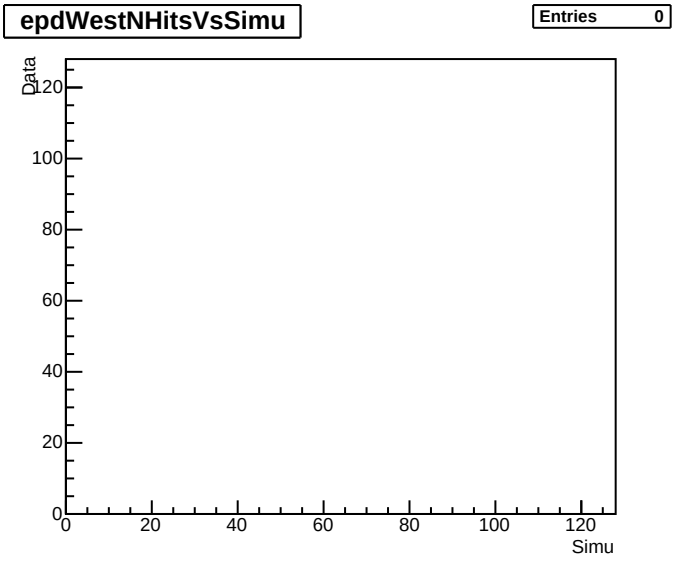
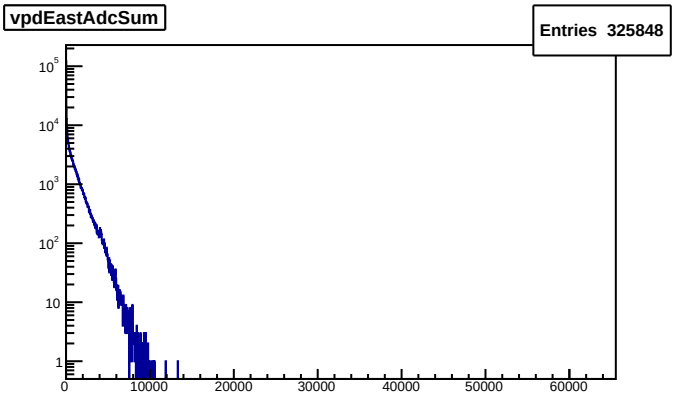
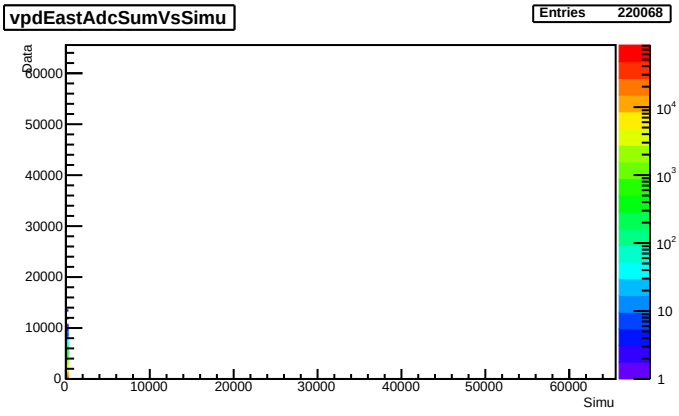
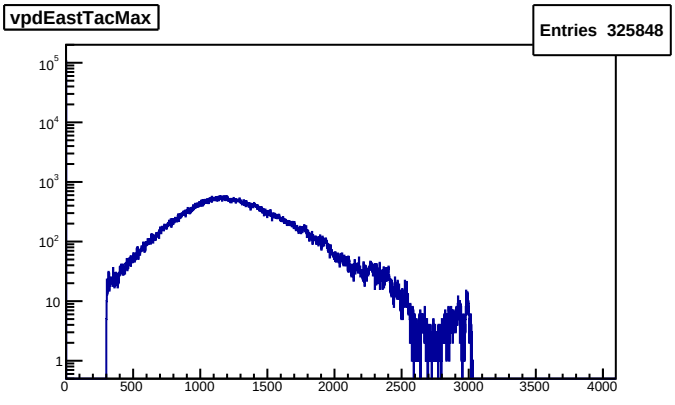
Entries 0
Data
Simu

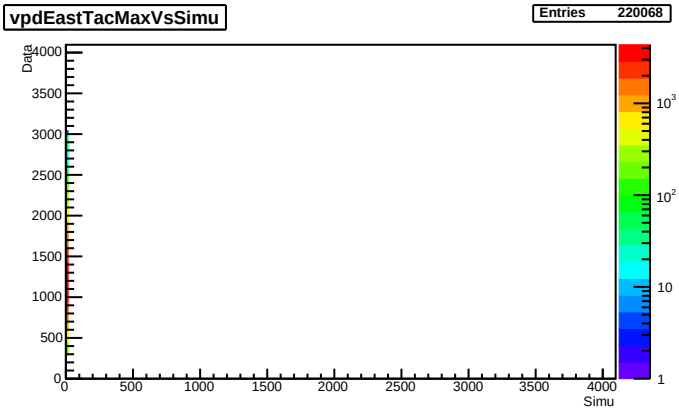

epdWestNHits
Entries 325848


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 325848


vpdEastAdcSumVsSimu
Entries 220068
Data
Simu


vpdEastTacMax
Entries 325848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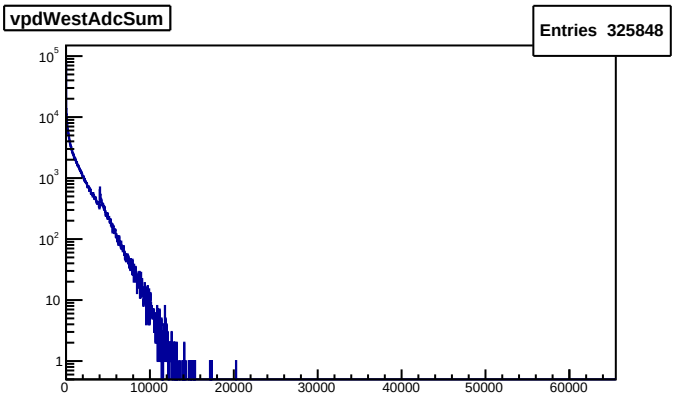
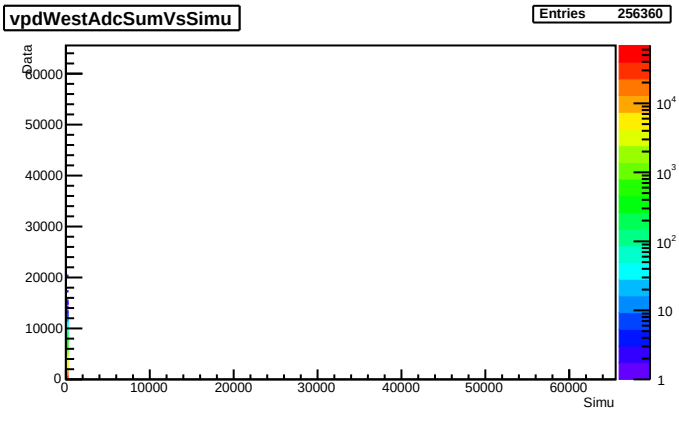
Entries 220068
Data
Simu


vpdWestAdcSum
Entries 325848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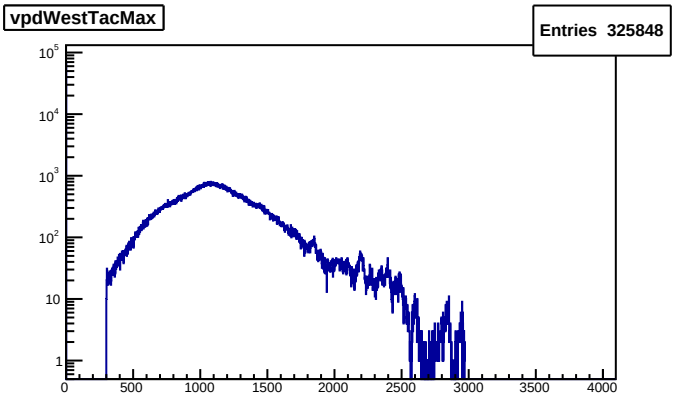
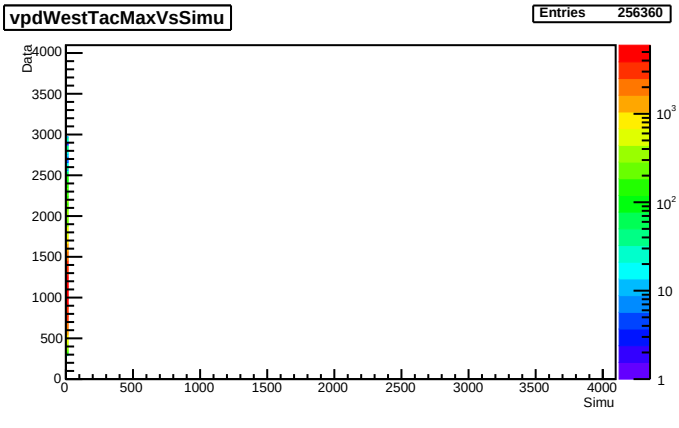
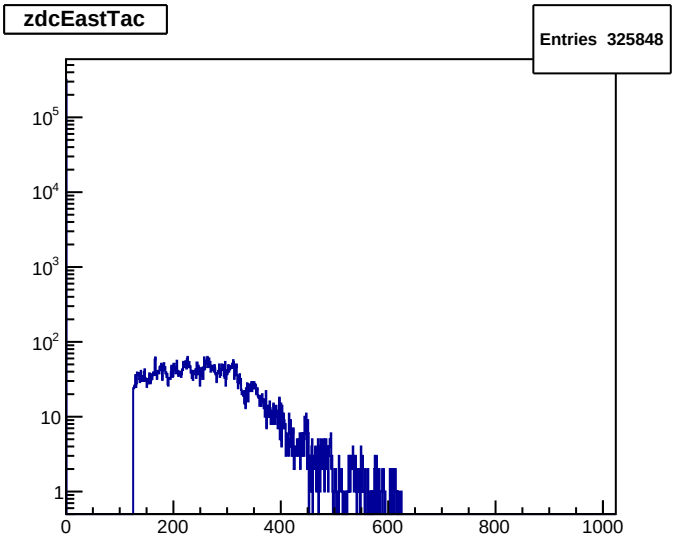
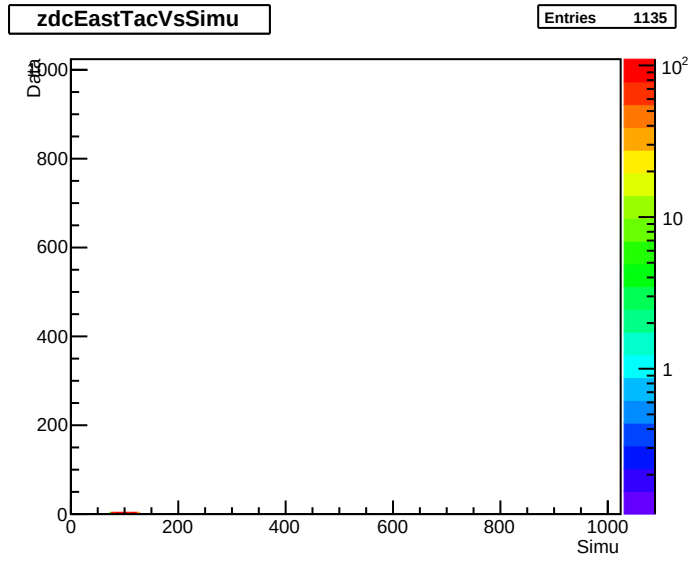
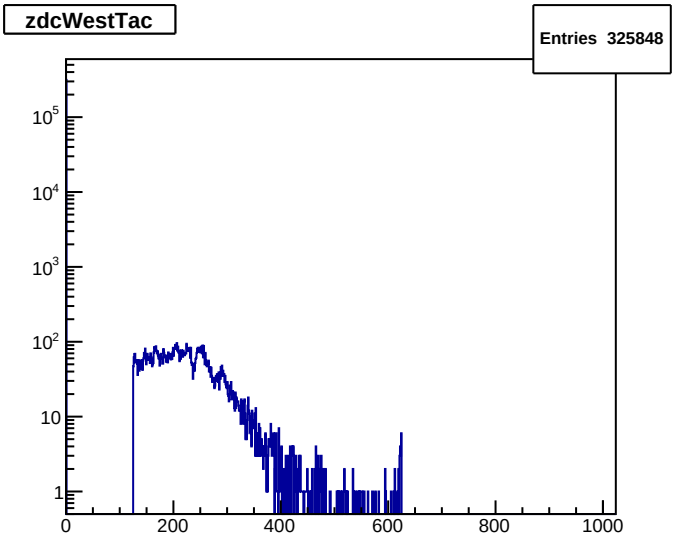
Entries 256360
Data
Simu

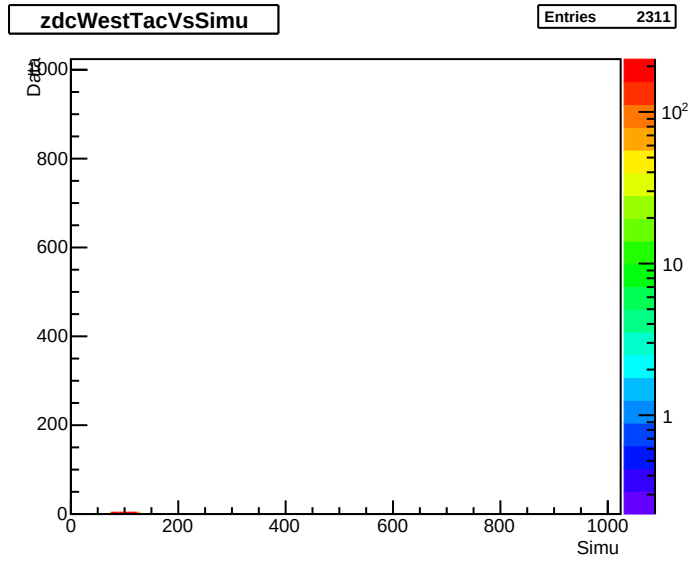

vpdWestTacMax
Entries 325848

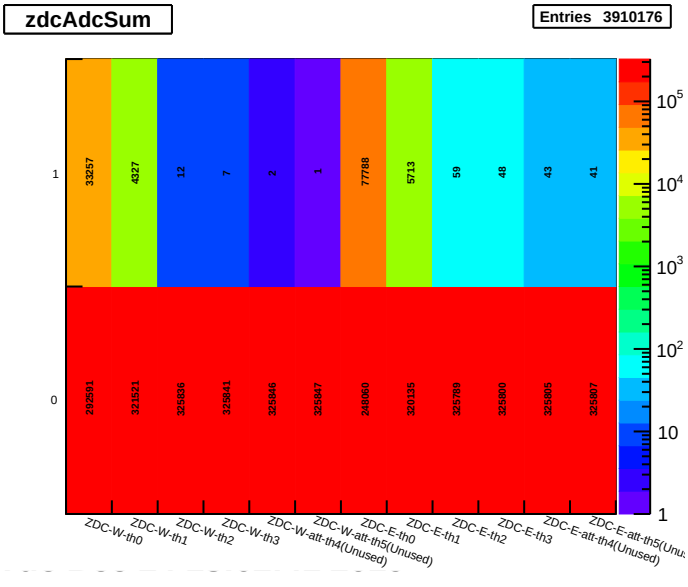

vpdWestTacMaxVsSimu
Entries 256360
Data
Simu

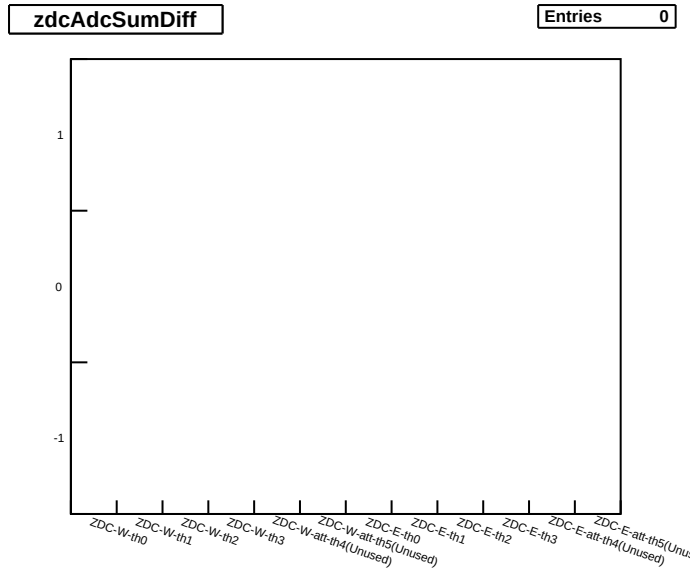

zdcEastTac
Entries 325848

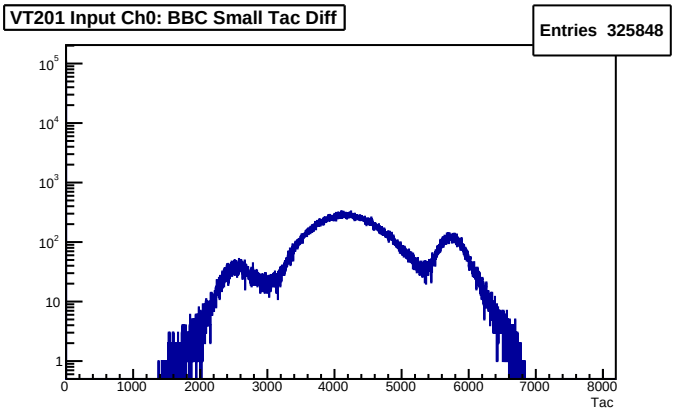

zdcEastTacVsSimu
Entries 1135
Data
Simu

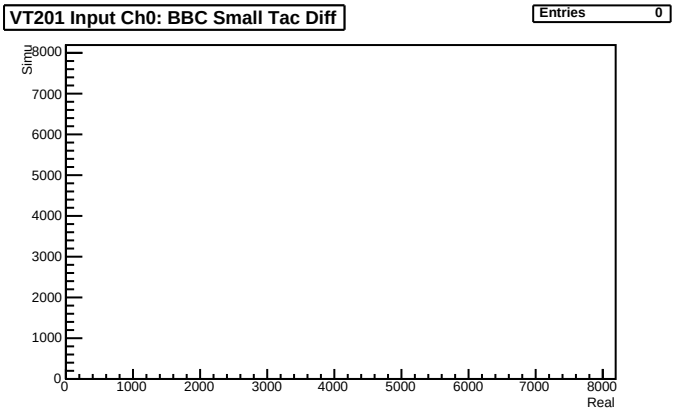

zdcWestTac
Entries 325848

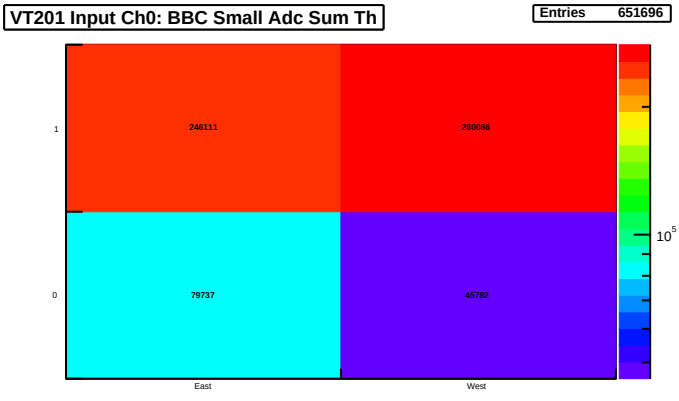

zdcWestTacVsSimu
Entries 2311
Data
Simu

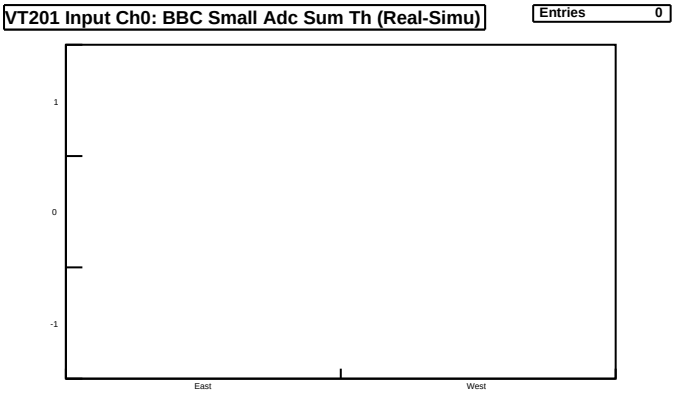

zdcAdcSum
Entries 3910176
33257
4327
12
7
2
1
77788
5713
59
48
43
41
292591
321521
325836
325841
325846
325847
248060
320135
325789
325800
325805
325807
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

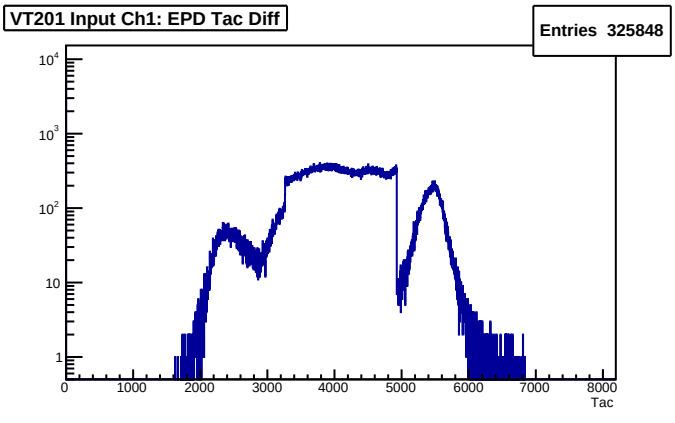

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

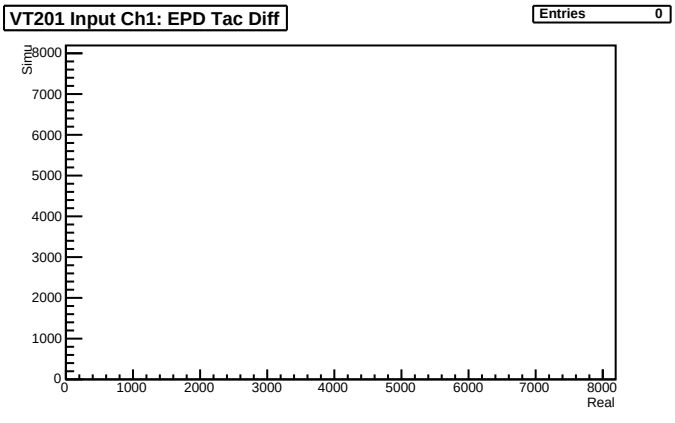

VT201 Input Ch0: BBC Small Tac Diff
Entries 325848
Tac

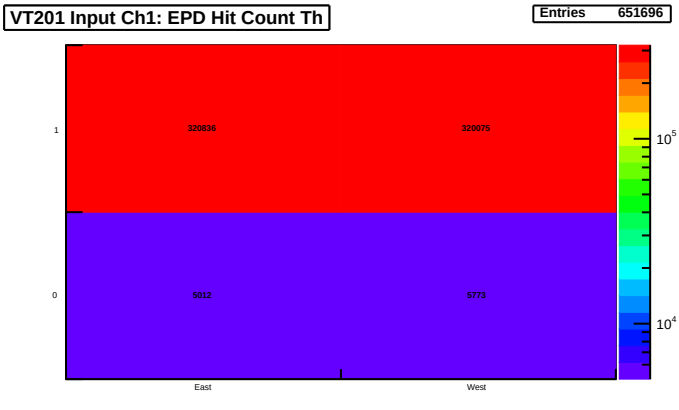

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

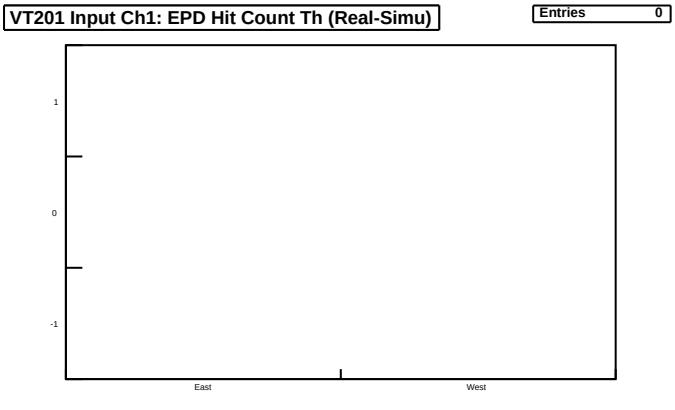

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 651696
246111
280066
79737
45782
East
West

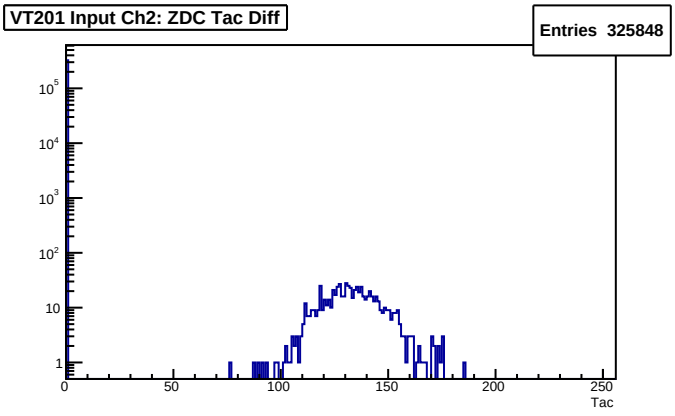

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

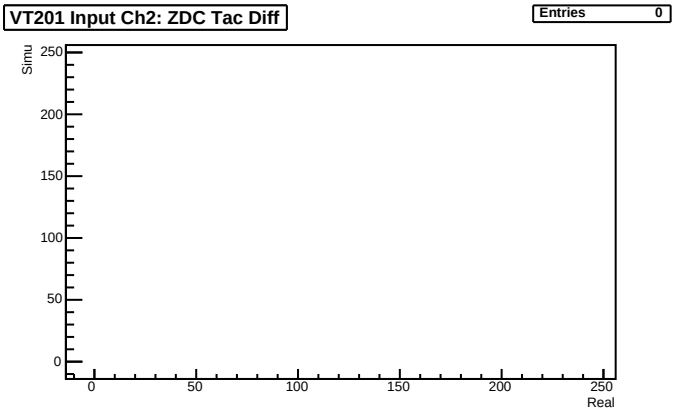

VT201 Input Ch1: EPD Tac Diff
Entries 325848
Tac

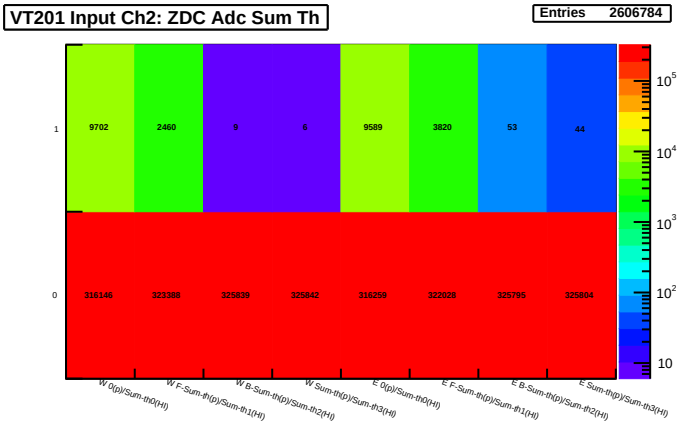

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

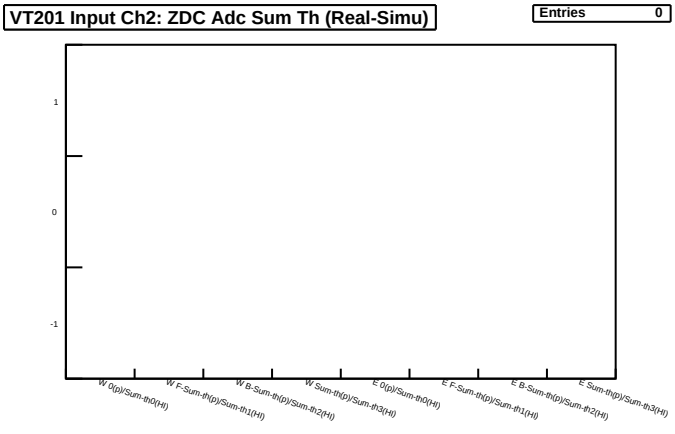

VT201 Input Ch1: EPD Hit Count Th
Entries 651696
320836
320075
5012
5773
East
West

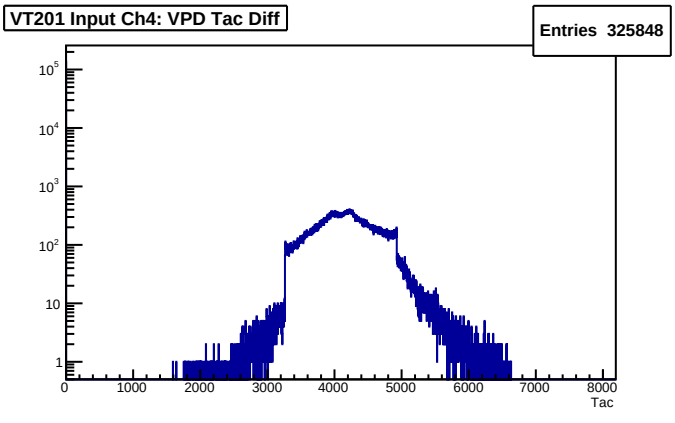

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

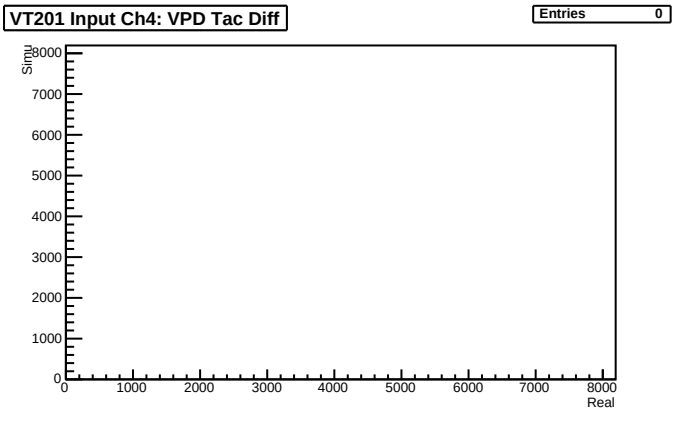

VT201 Input Ch2: ZDC Tac Diff
Entries 325848
Tac

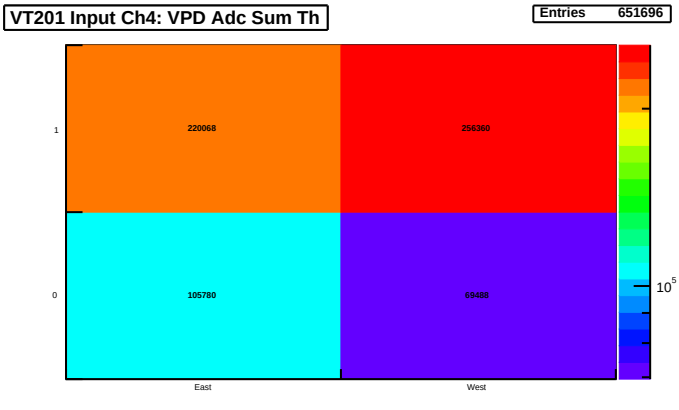

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

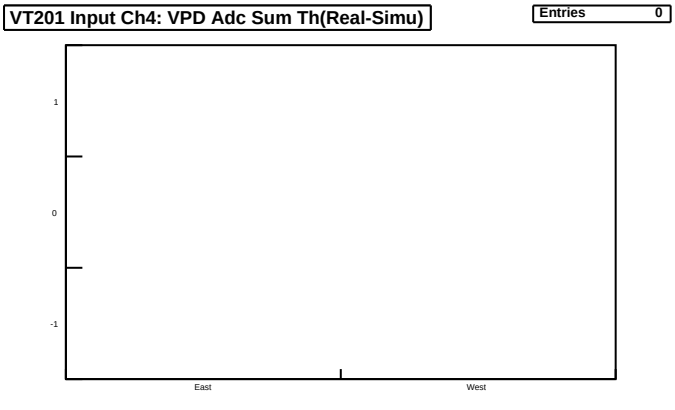

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2606784
9702
2460
9
6
9589
3820
53
44
316146
323388
325839
325842
316259
322028
325795
325804
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

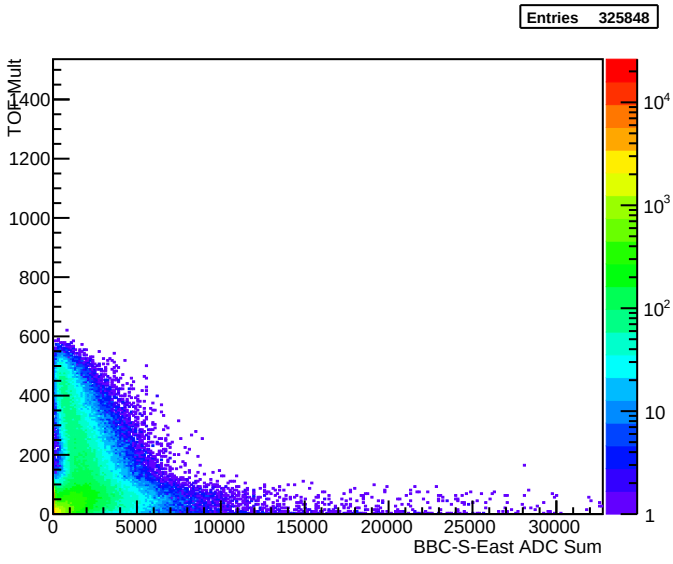

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

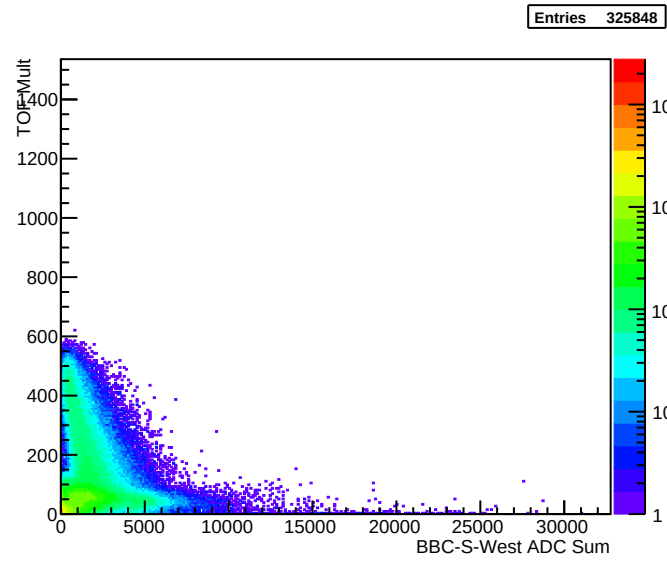

VT201 Input Ch4: VPD Tac Diff
Entries 325848
Tac

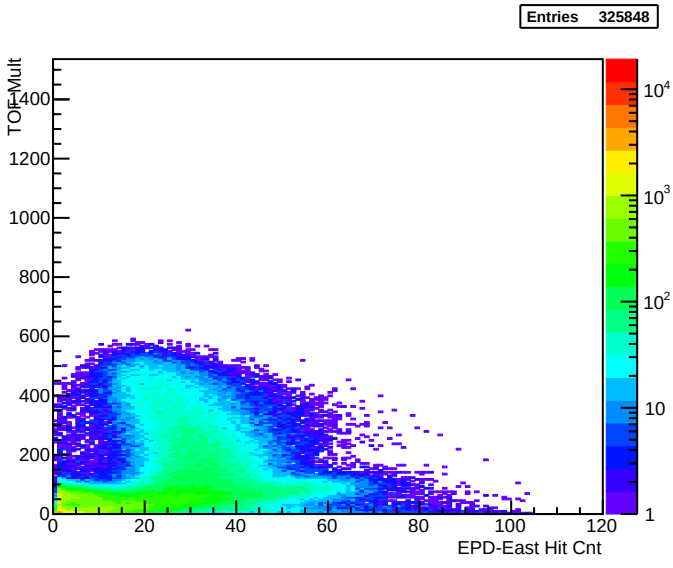

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

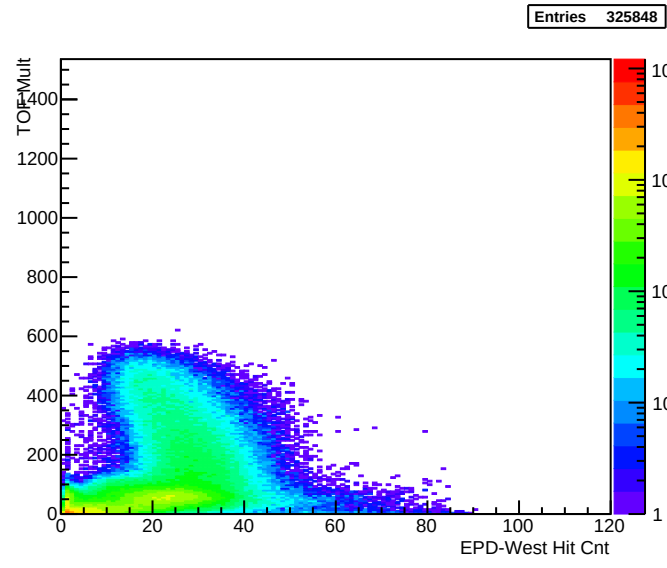

VT201 Input Ch4: VPD Adc Sum Th
Entries 651696
220068
256360
105780
69488
East
West

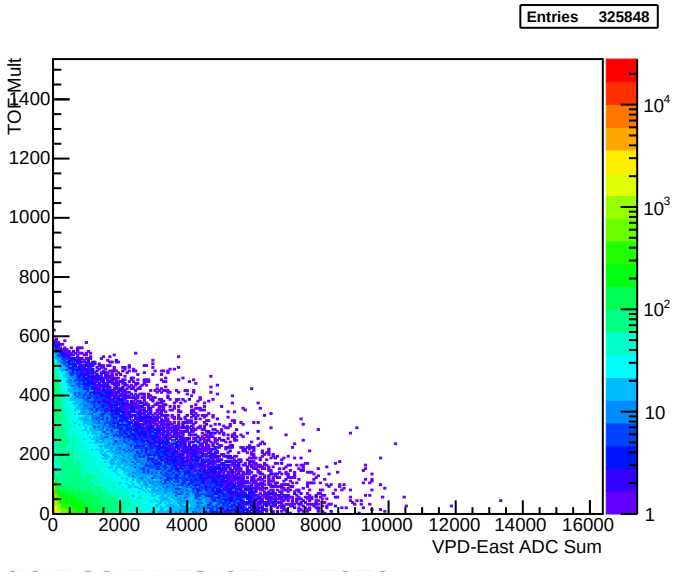

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

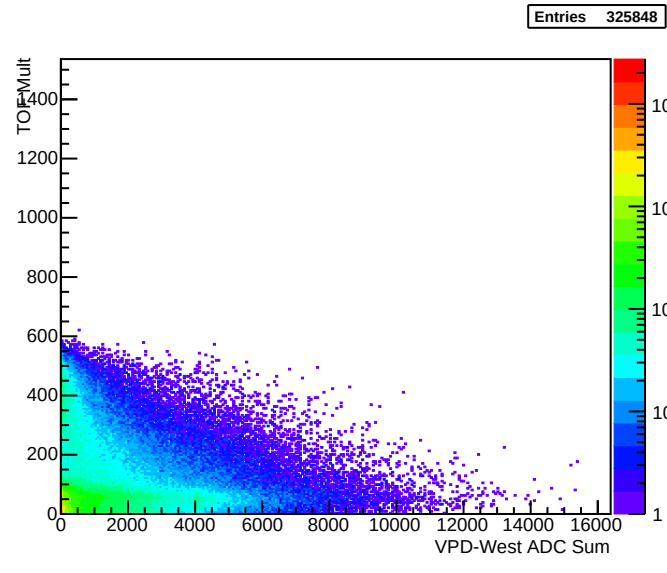

Entries 325848
TOF-Mult
BBC-S-East ADC Sum

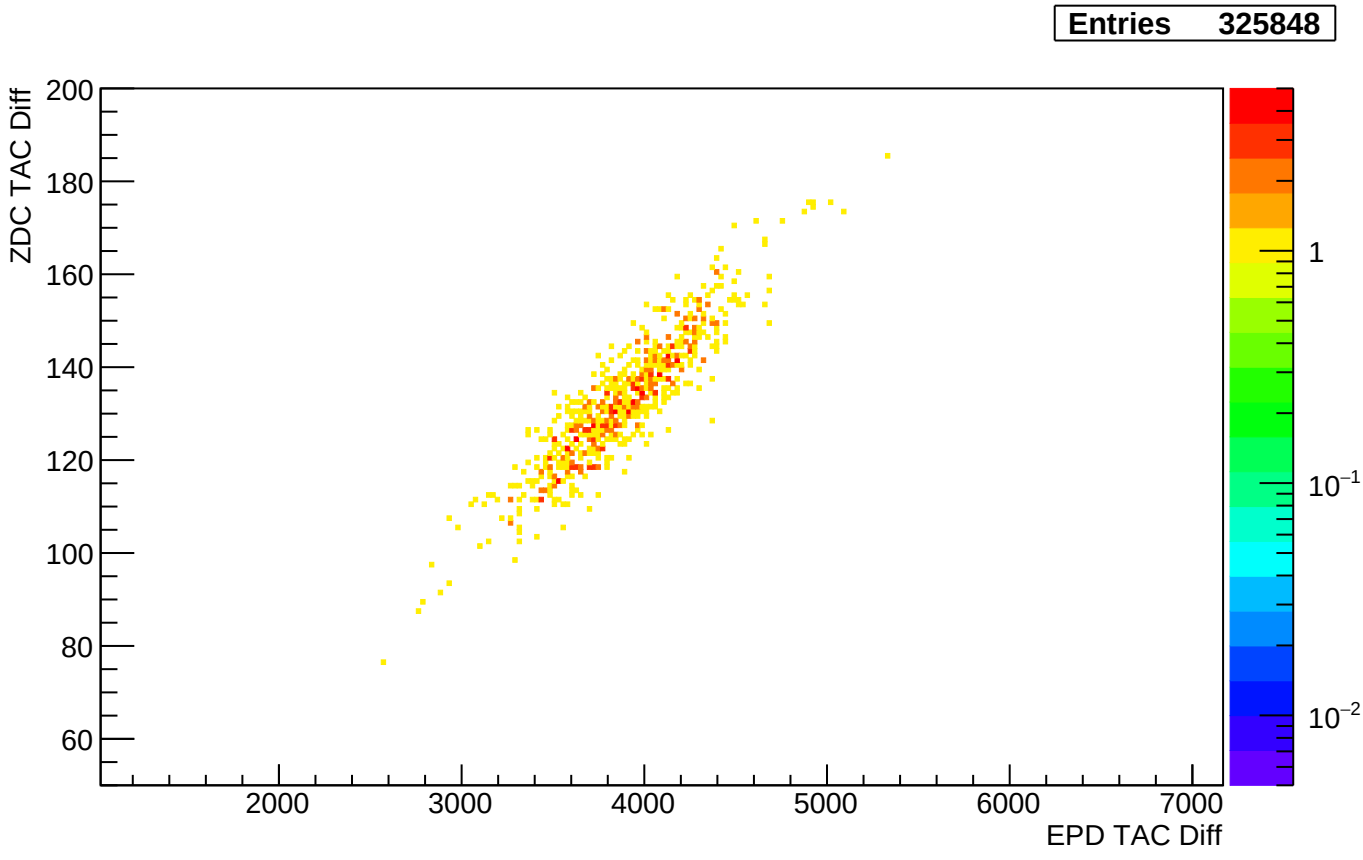

Entries 325848
TOF-Mult
BBC-S-West ADC Sum

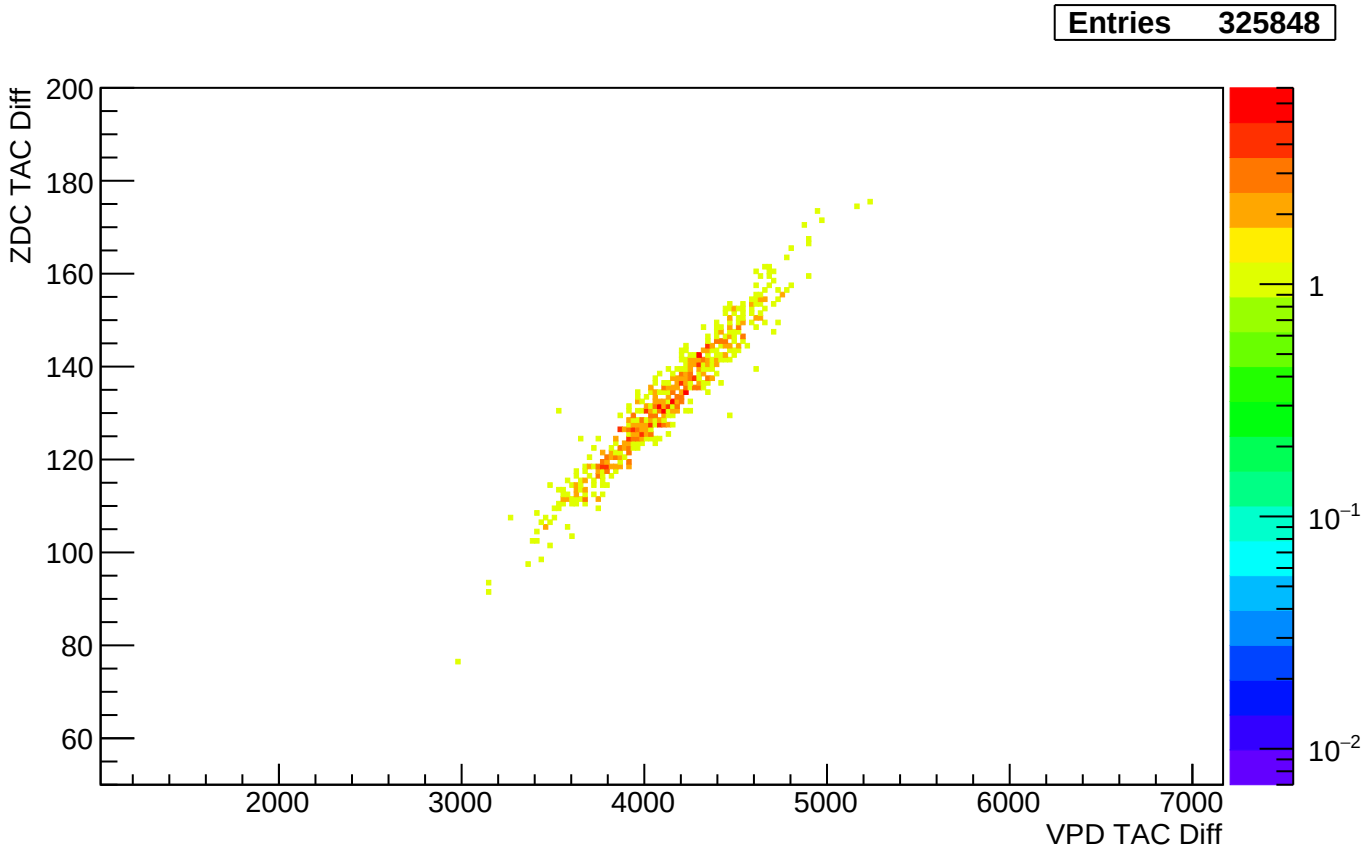

Entries 325848
TOF-Mult
EPD-East Hit Cnt

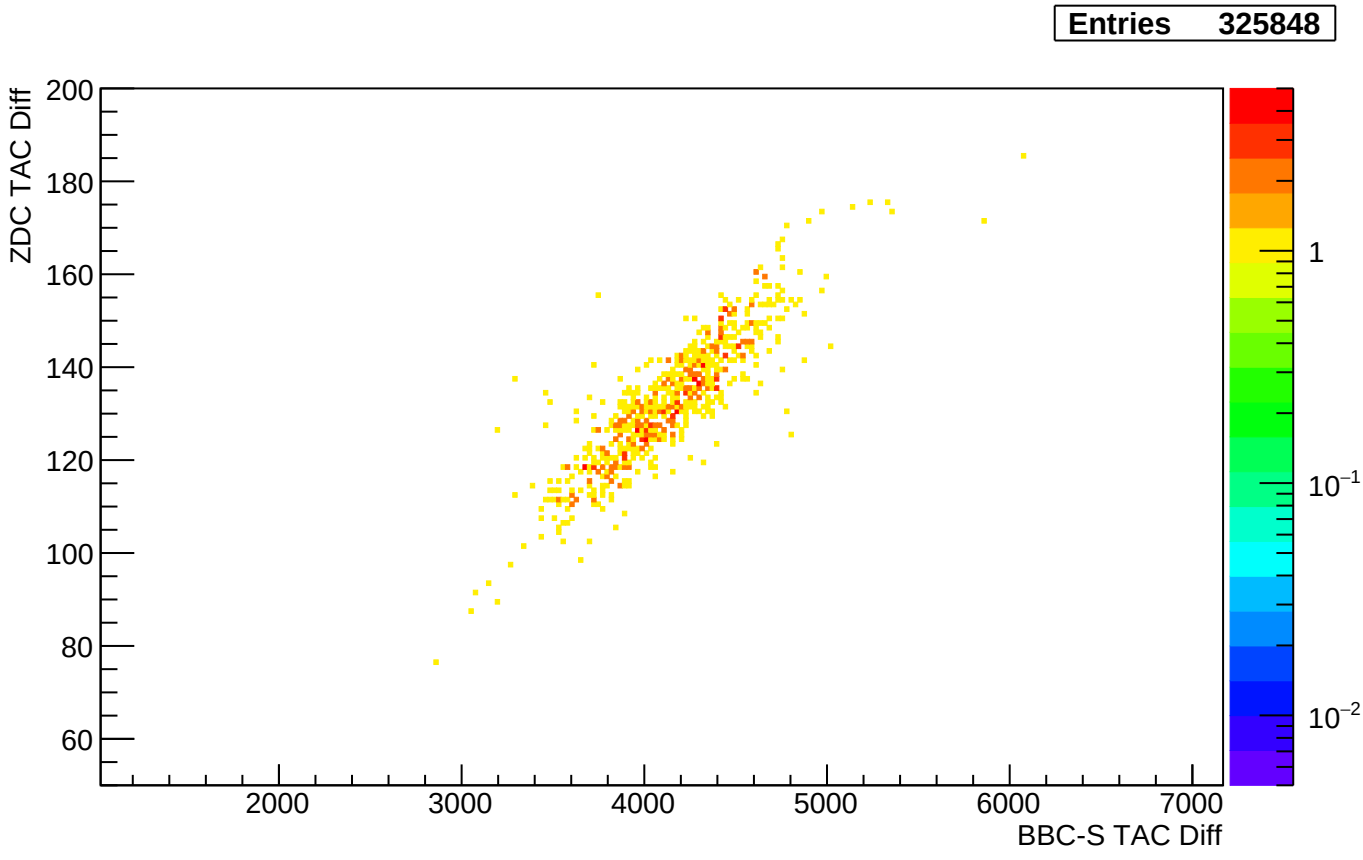

Entries 325848
TOF-Mult
EPD-West Hit Cnt

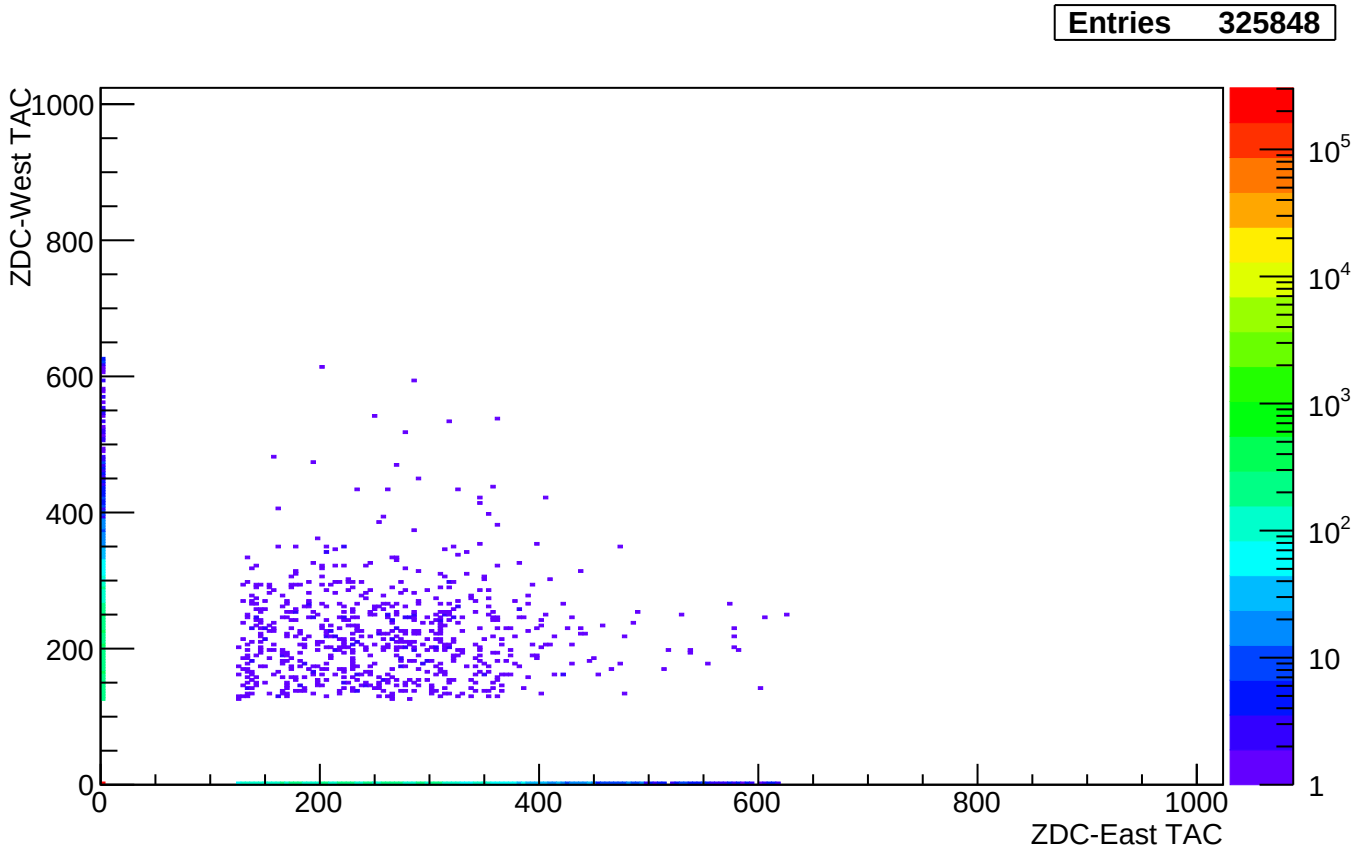

Entries 325848
TOF-Mult
VPD-East ADC Sum

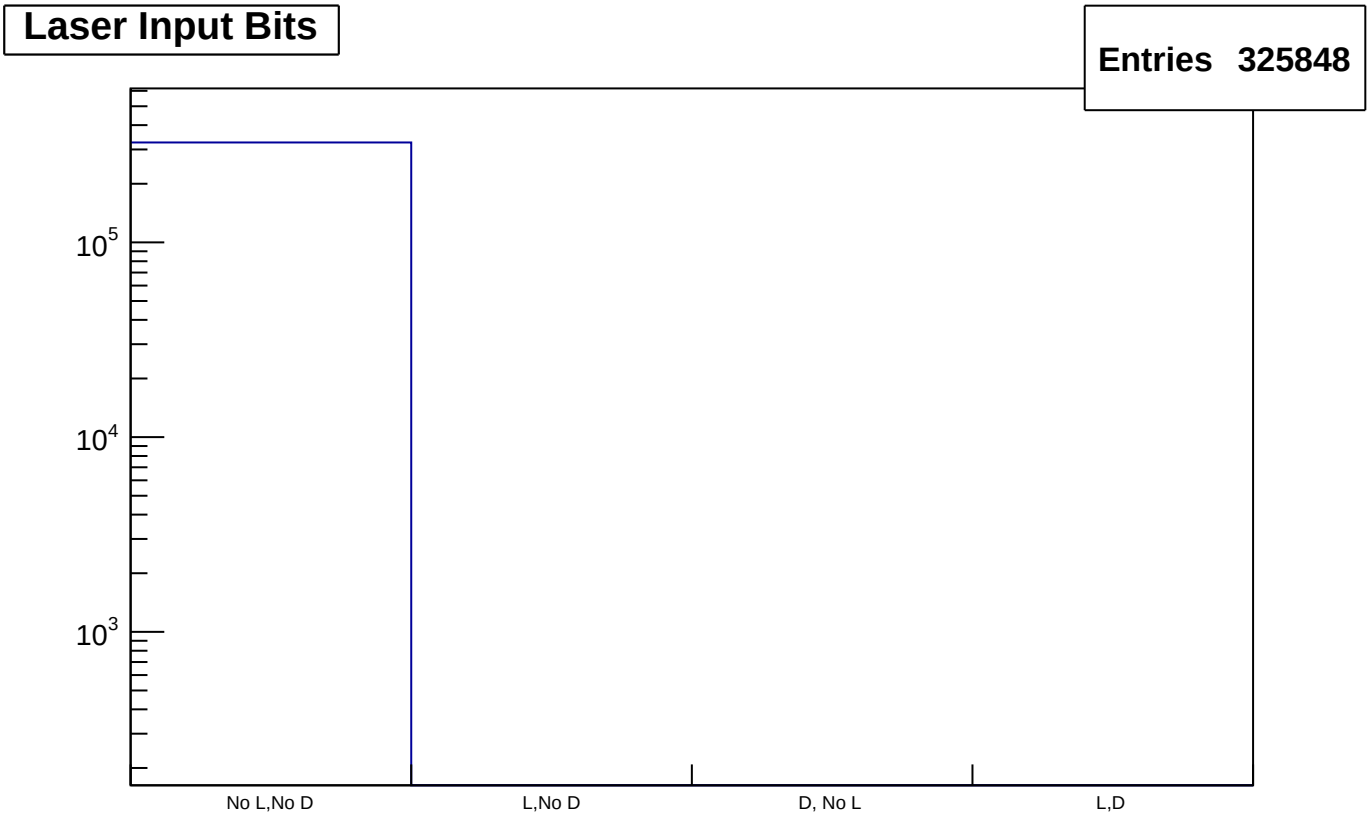

Entries 325848
TOF-Mult
VPD-West ADC Sum

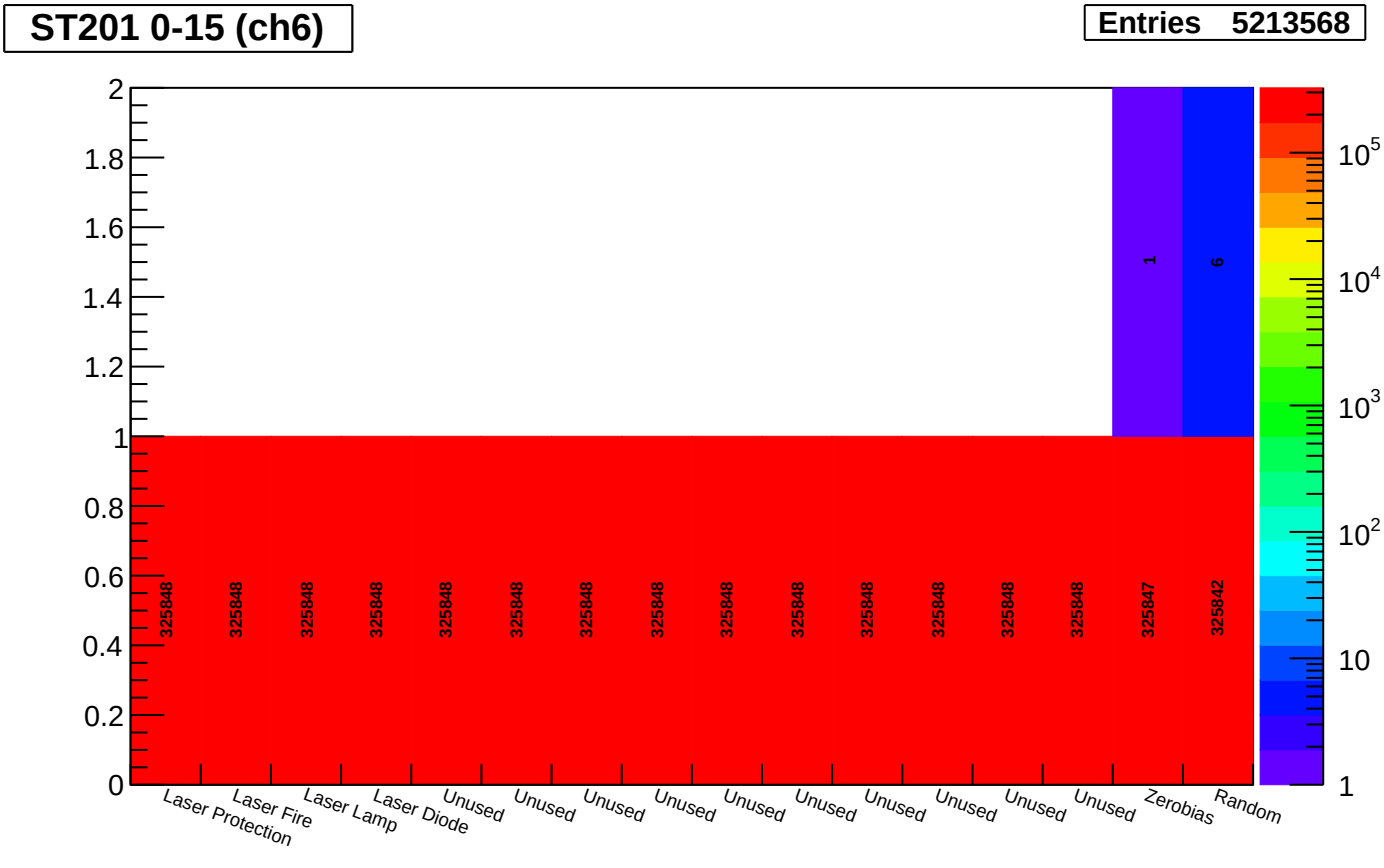

Entries 325848
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

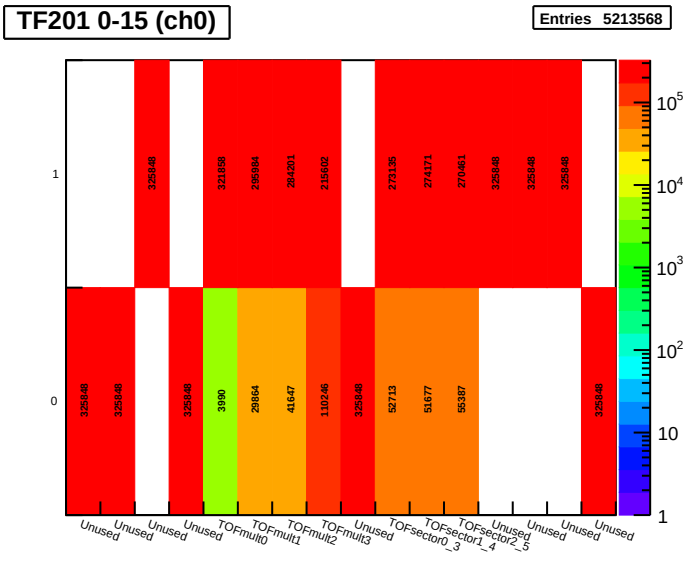

Entries 325848
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

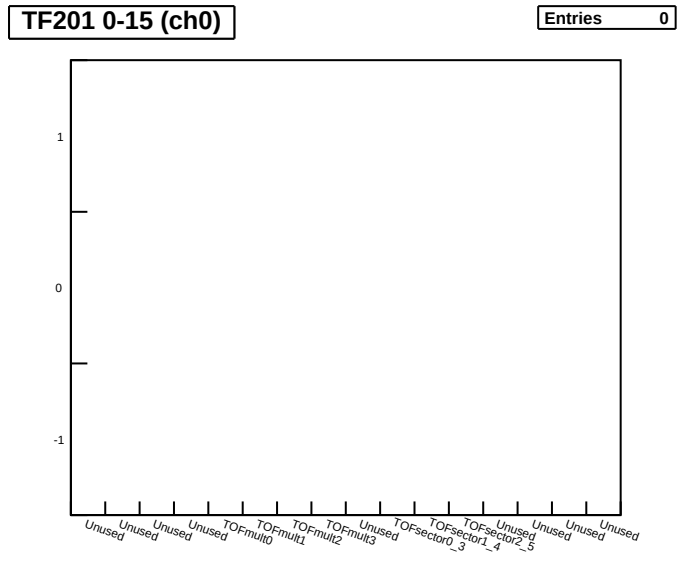

Entries 325848
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

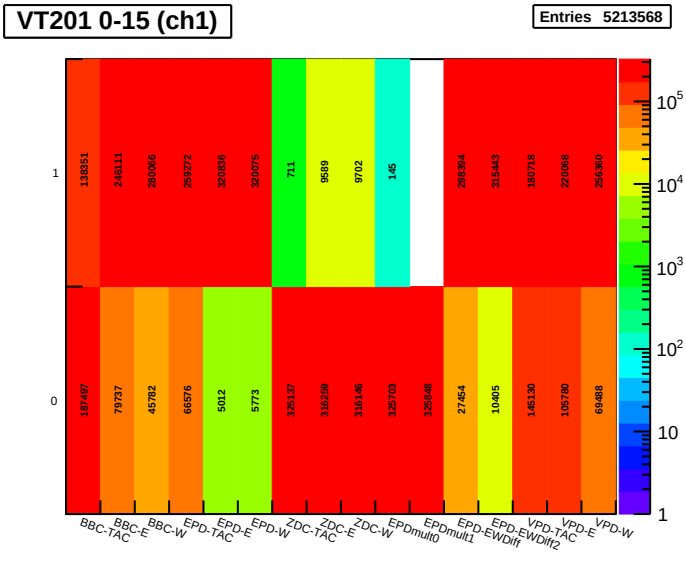

Entries 325848
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

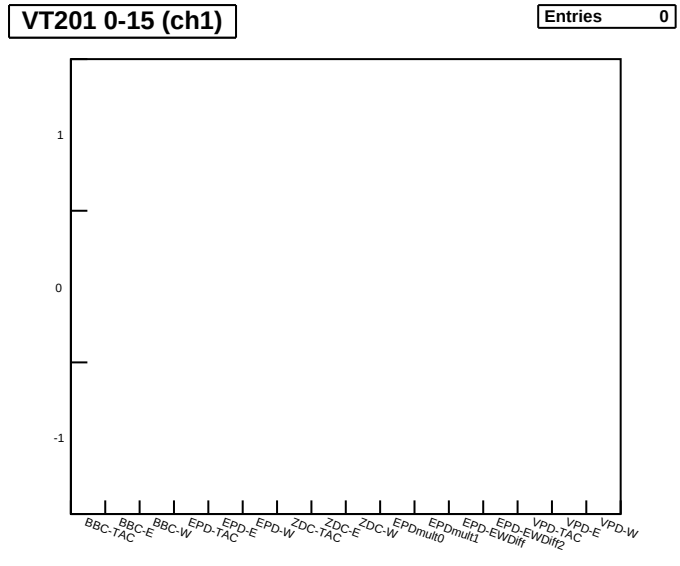

Laser Input Bits
Entries 325848
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

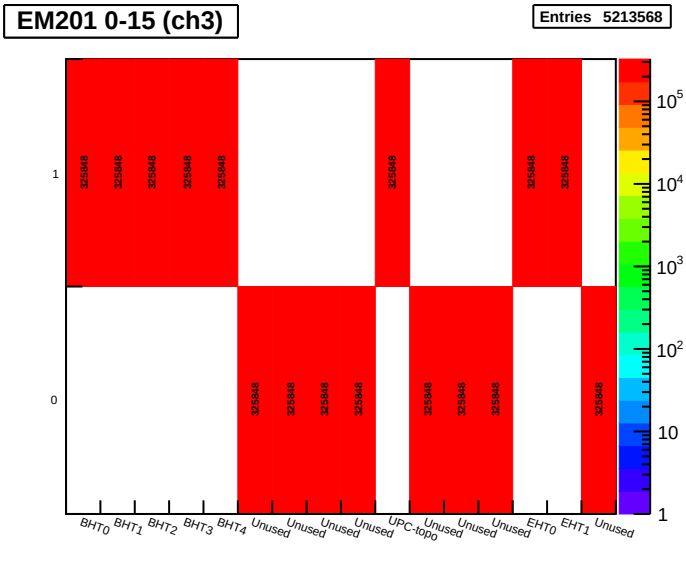

ST201 0-15 (ch6)
Entries 5213568
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
325848
325847
325842
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

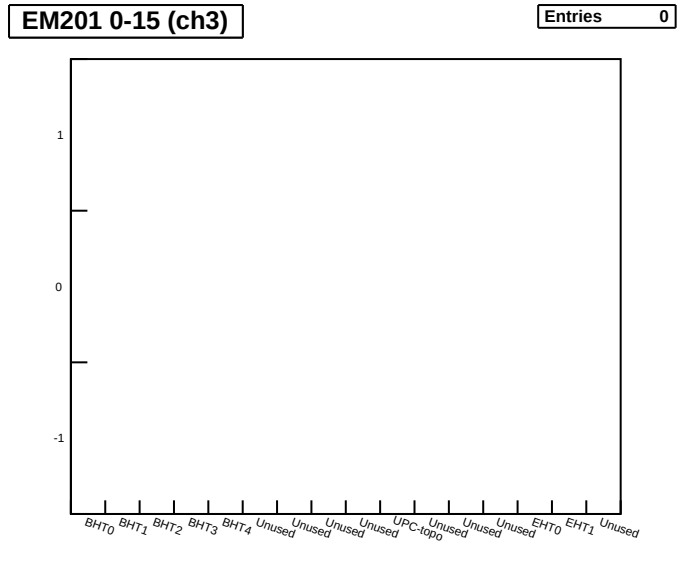

TF201 0-15 (ch0)
Entries 5213568
1
0
325848
321858
295984
284031
215602
273135
274171
270461
325848
325848
325848
325848
325848
3990
29864
41647
110246
52713
51677
55387
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5213568
1
0
138351
246111
280066
259272
320836
320075
711
9589
9702
145
298394
315443
180718
220068
256360
187497
79737
45782
66576
5012
5773
325137
318259
316146
325703
325848
27454
10405
145130
105780
69488
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 5213568
1
0
325848
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