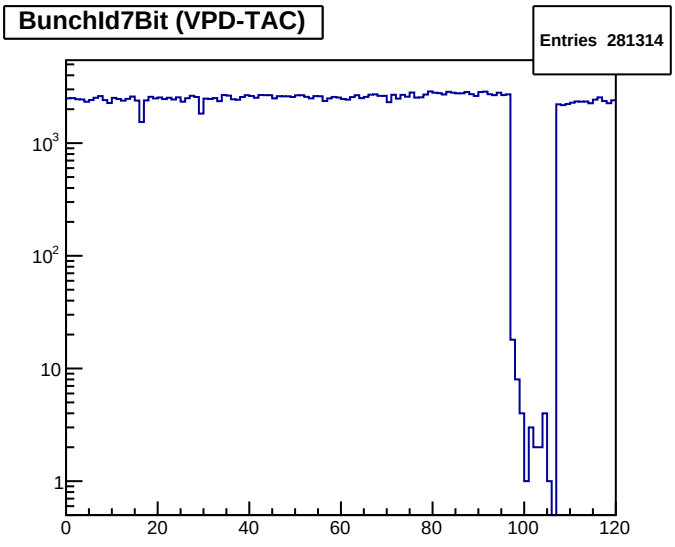
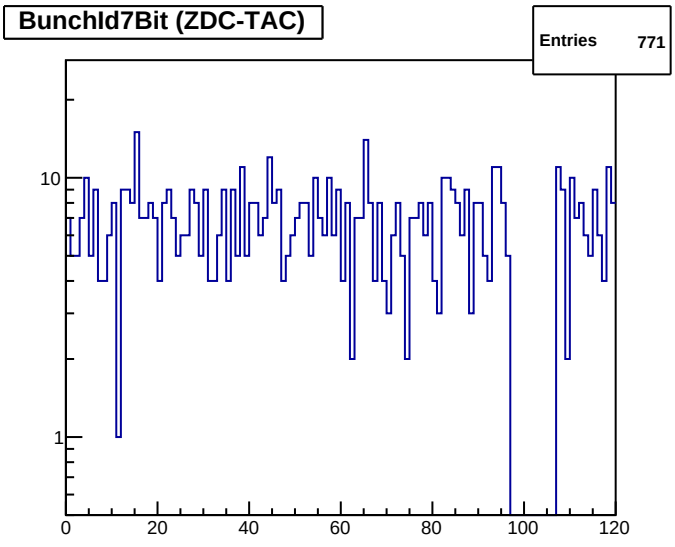
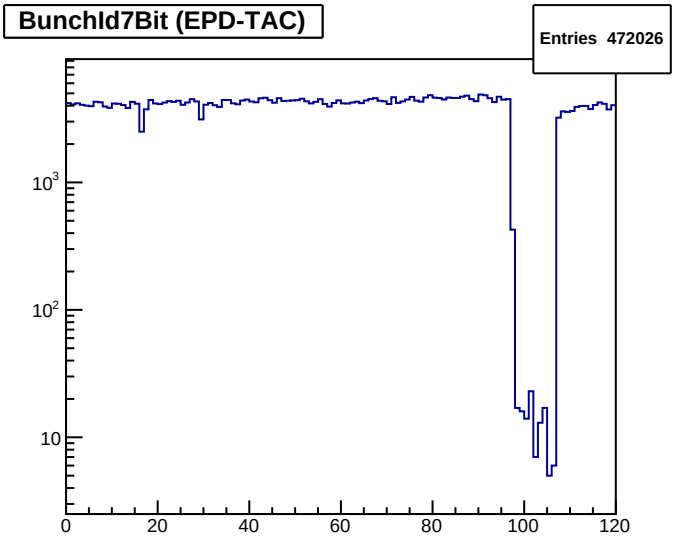
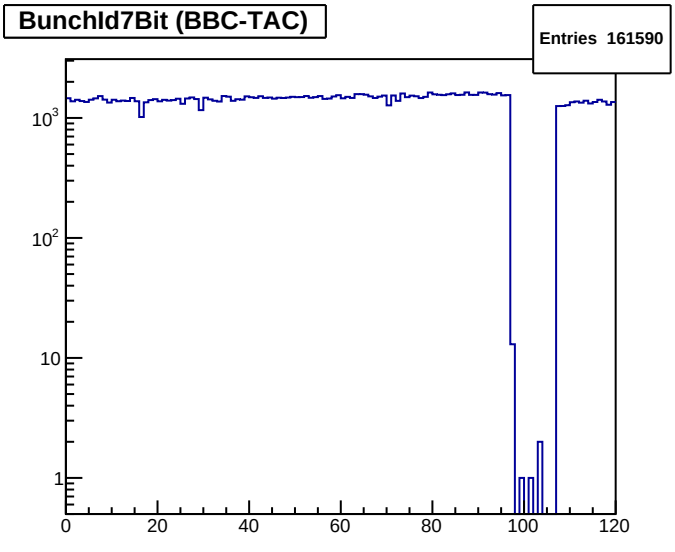
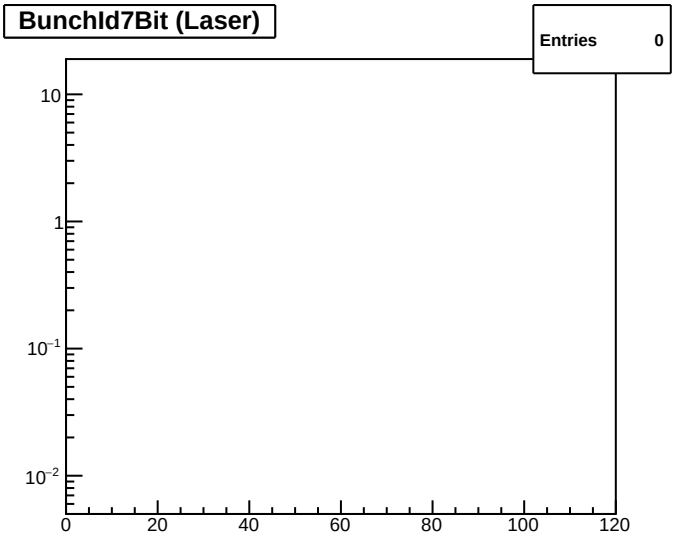
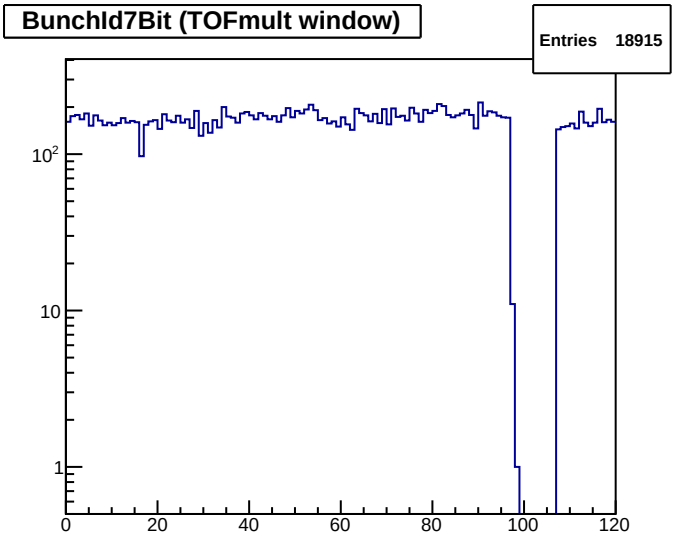

BunchId7Bit (VPD-TAC)
Entries 281314

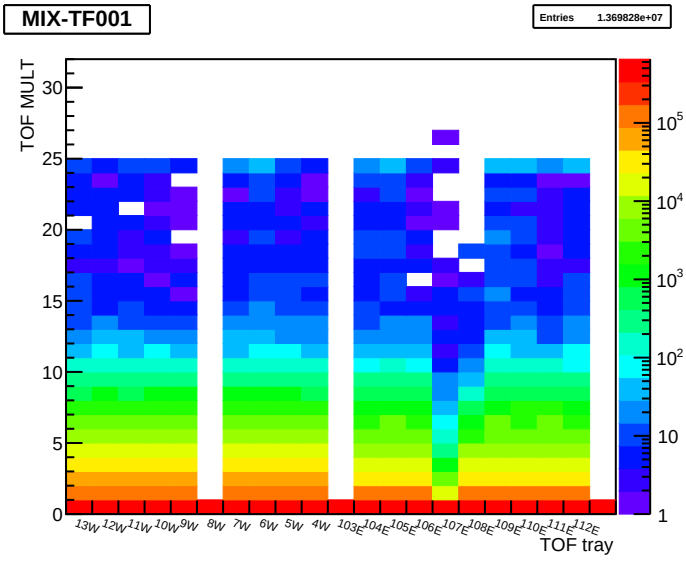

BunchId7Bit (ZDC-TAC)
Entries 771

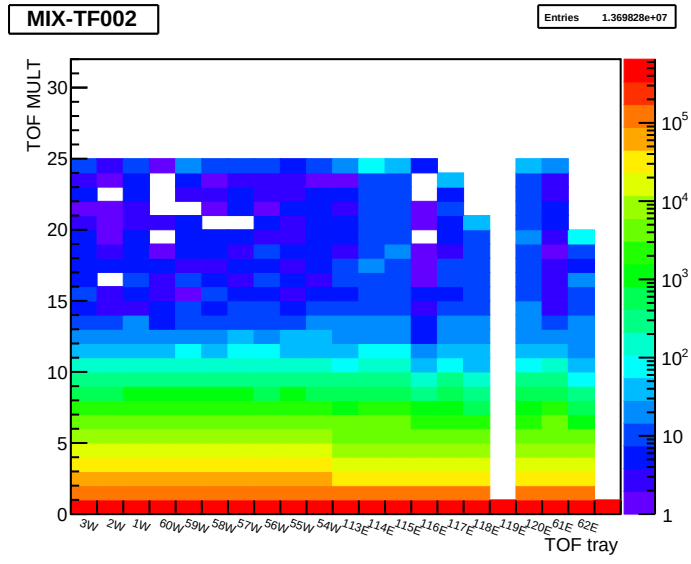

BunchId7Bit (EPD-TAC)
Entries 472026

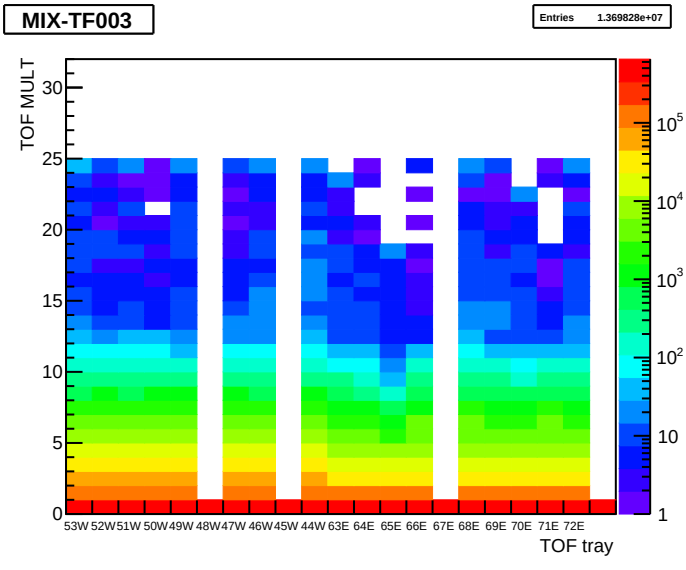

BunchId7Bit (BBC-TAC)
Entries 161590

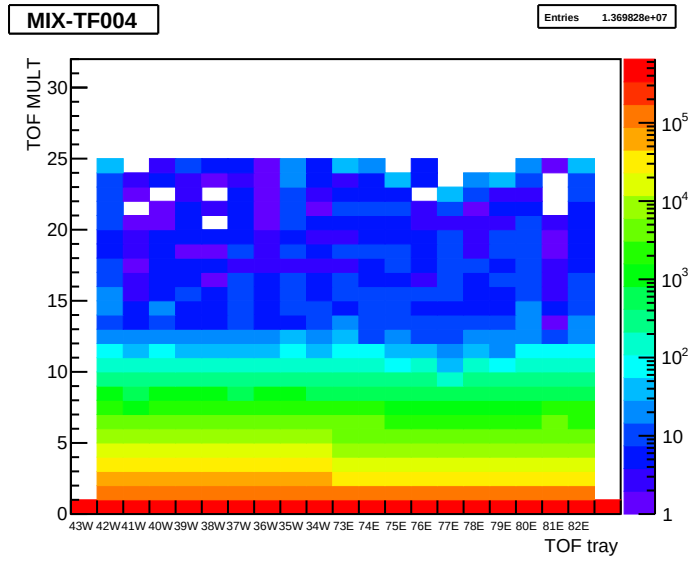

BunchId7Bit (Laser)
Entries 0

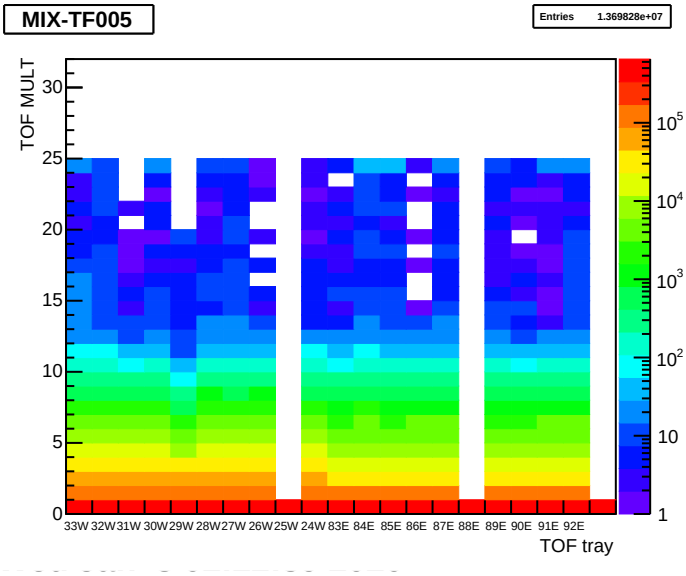

BunchId7Bit (TOFmult window)
Entries 18915

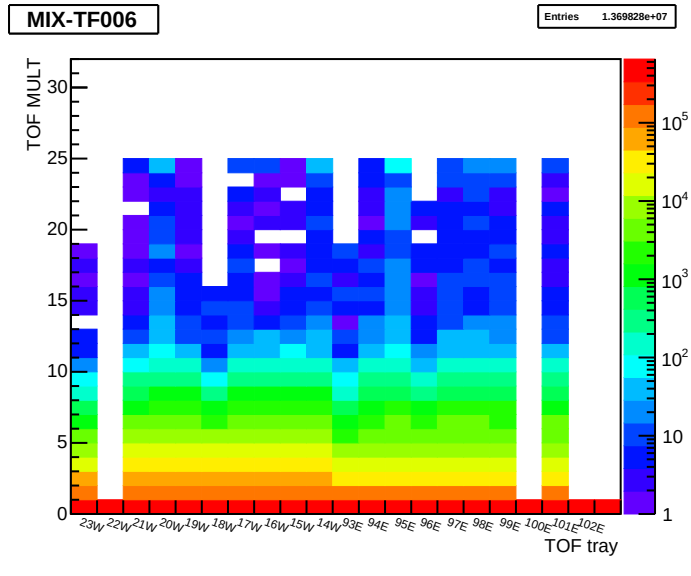

MIX-TF001
Entries 1.369828e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

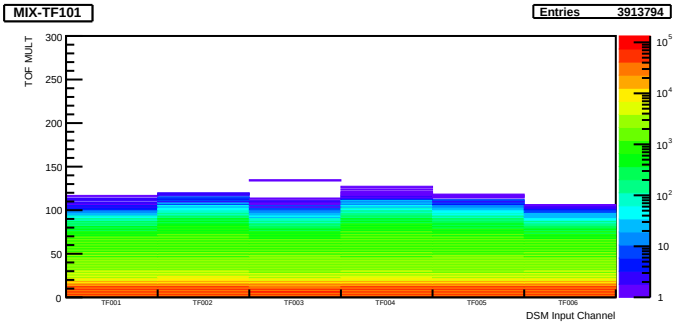

MIX-TF002
Entries 1.369828e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

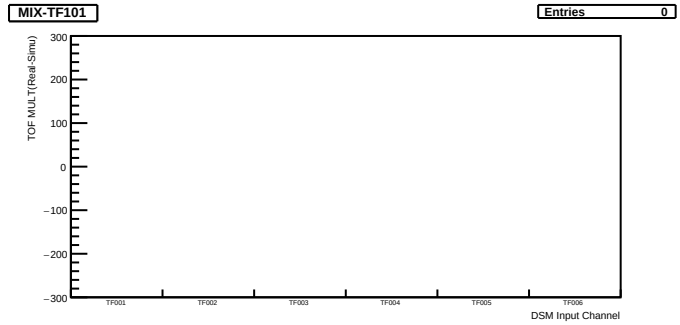

MIX-TF003
Entries 1.369828e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

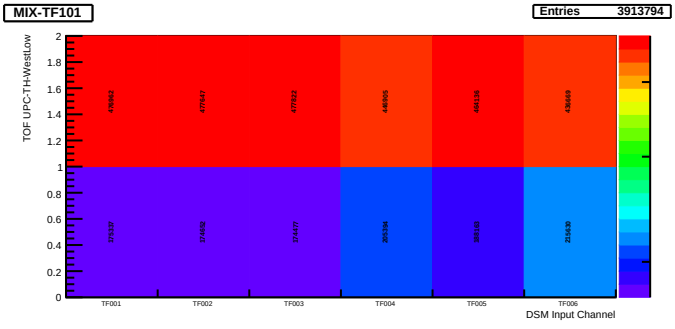

MIX-TF004
Entries 1.369828e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

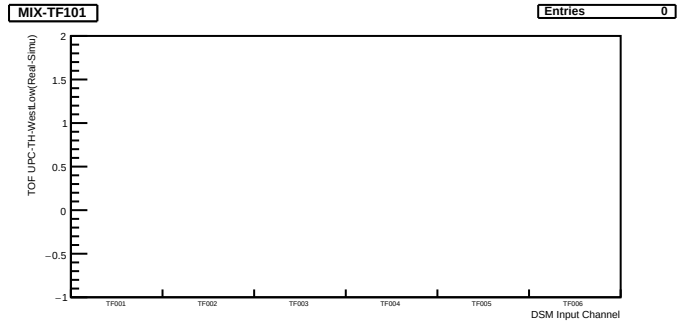

MIX-TF005
Entries 1.369828e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

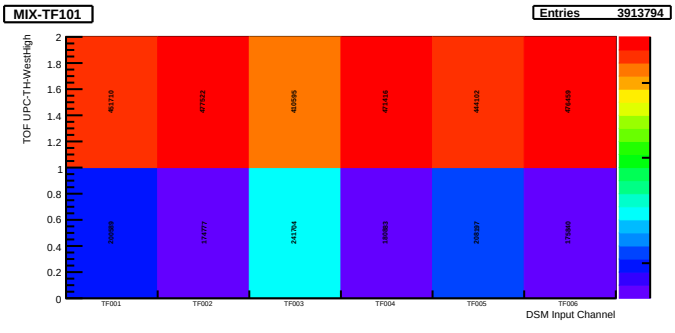

MIX-TF006
Entries 1.369828e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

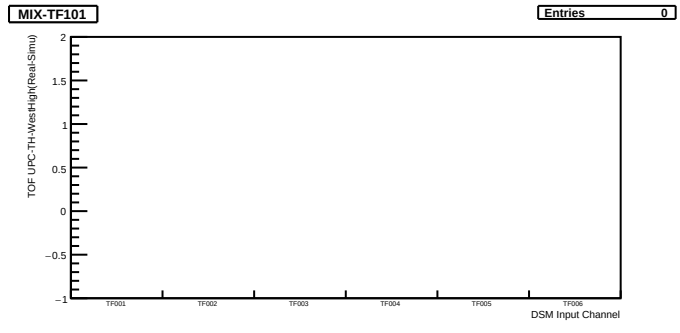

MIX-TF101
Entries 3913794
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

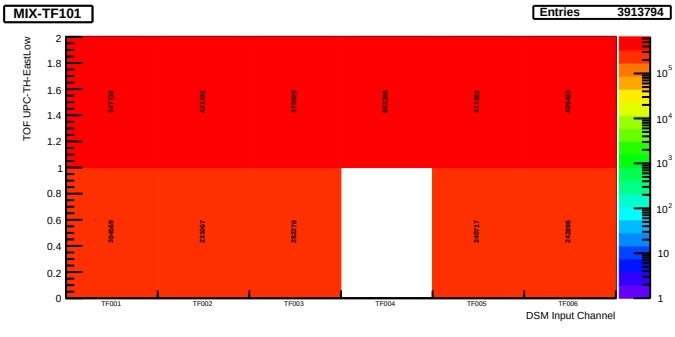

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

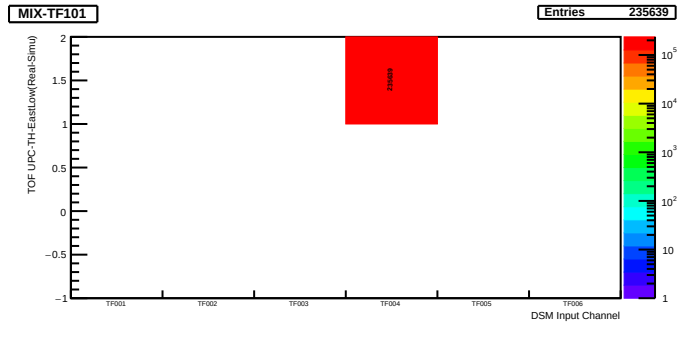

MIX-TF101
Entries 3913794
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

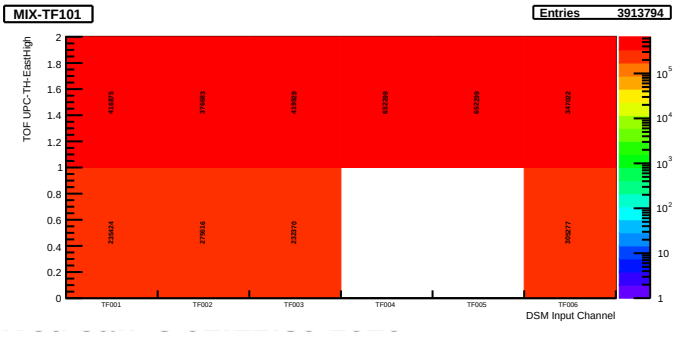

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

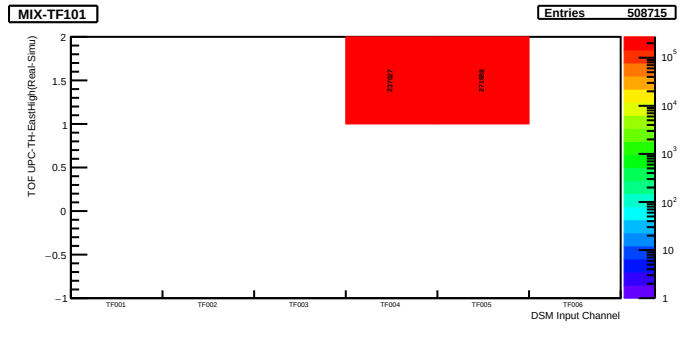

MIX-TF101
Entries 3913794
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

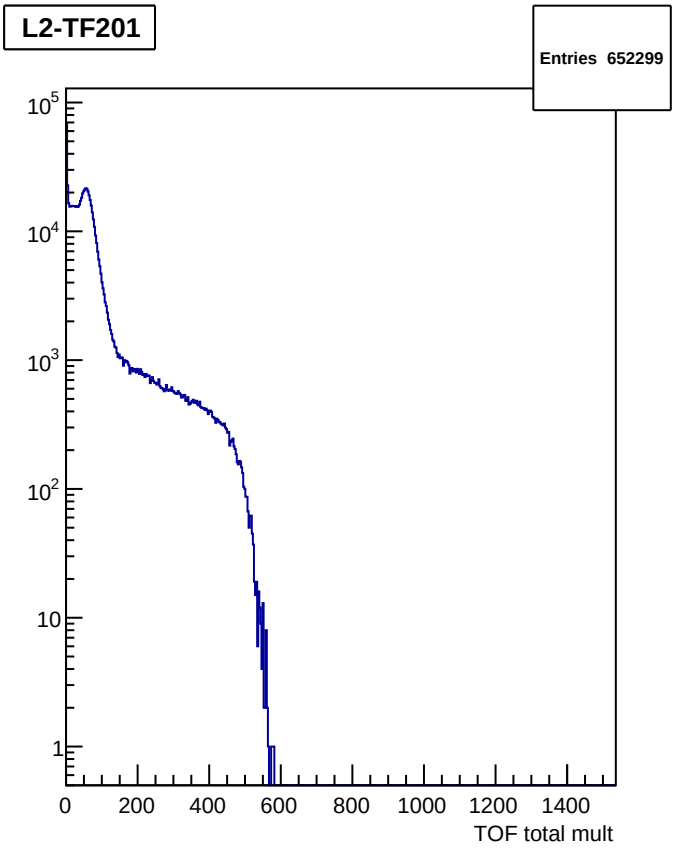

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

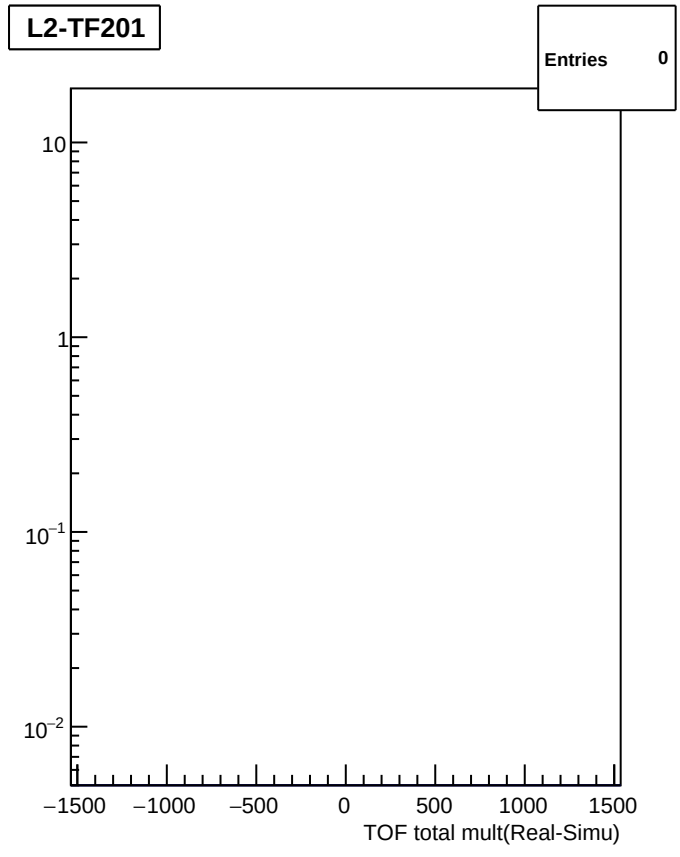

MIX-TF101
Entries 3913794
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

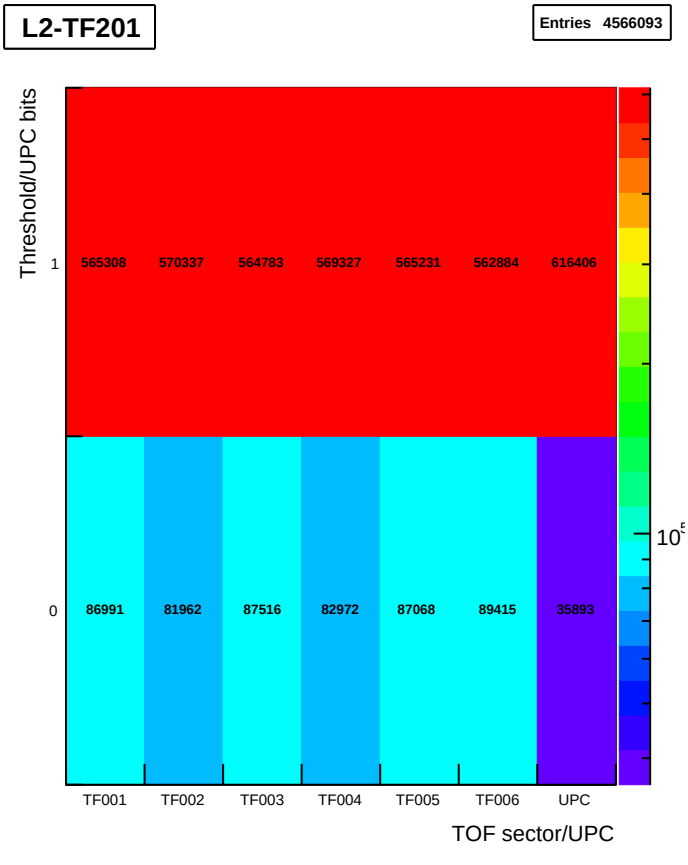

MIX-TF101
Entries 235639
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

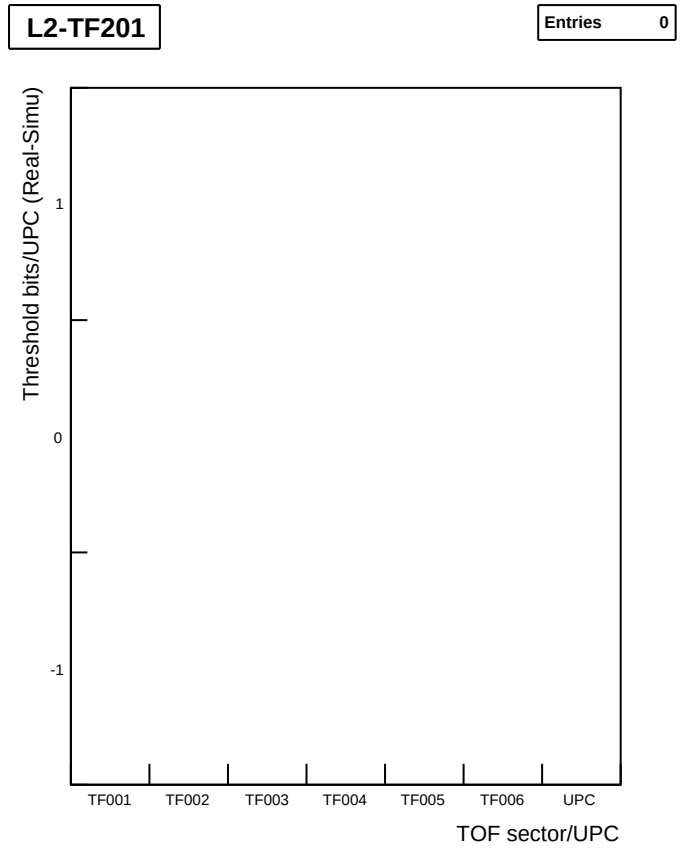

MIX-TF101
Entries 3913794
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

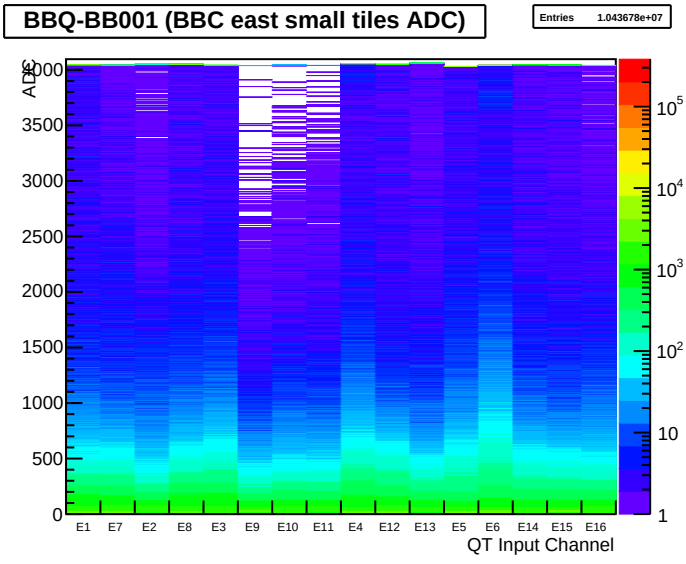

MIX-TF101
Entries 508715
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

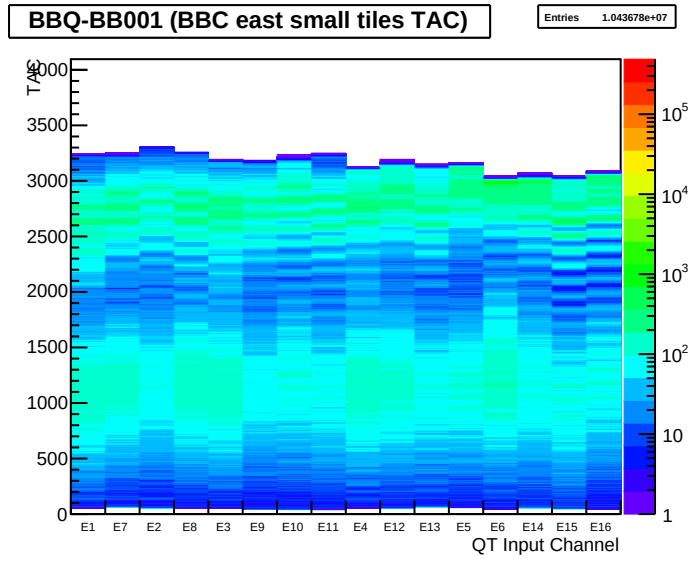

L2-TF201
Entries 652299
TOF total mult

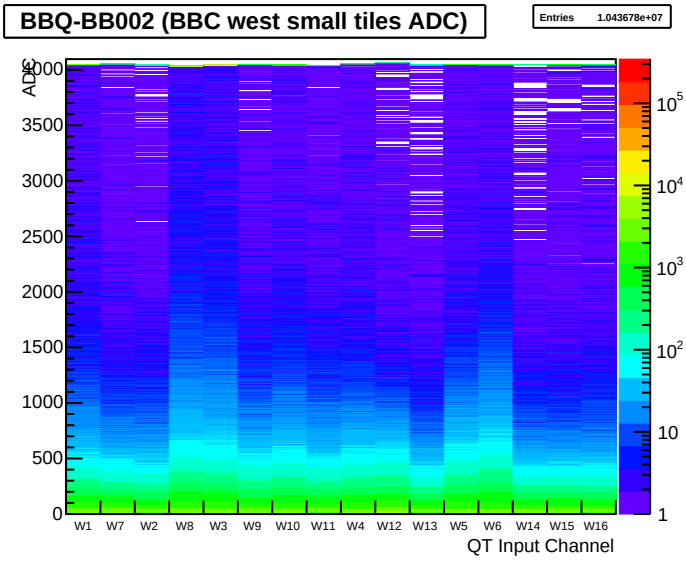

L2-TF201
Entries 0
TOF total mult(Real-Simu)

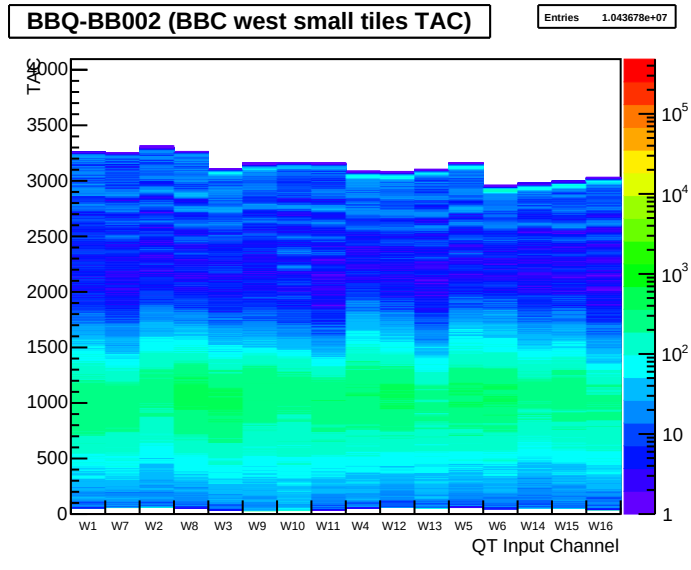

L2-TF201
Entries 4566093
Threshold/UPC bits
565308
570337
564783
569327
565231
562884
616406
86991
81962
87516
82972
87068
89415
35893
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

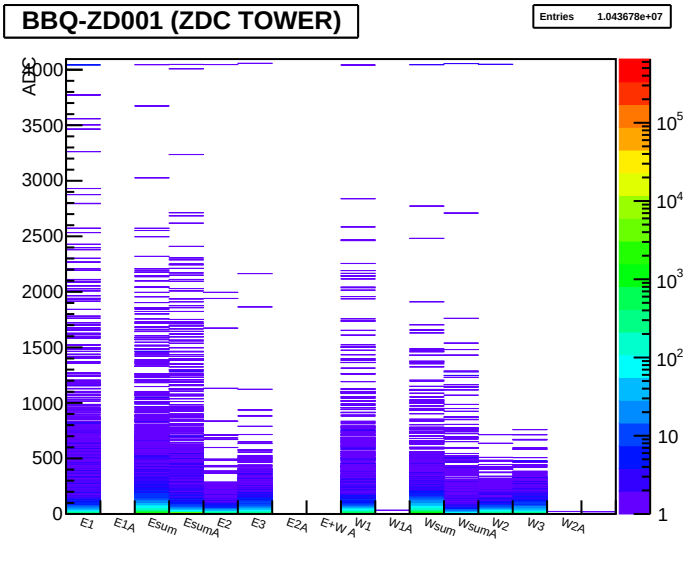

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

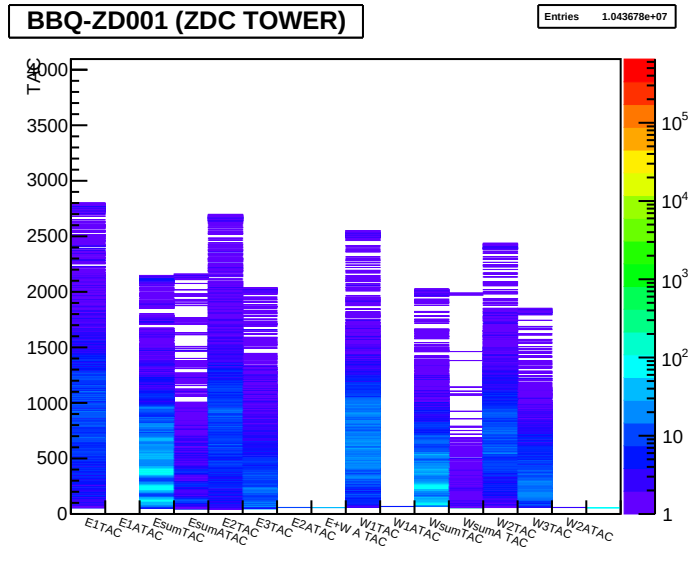

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.043678e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

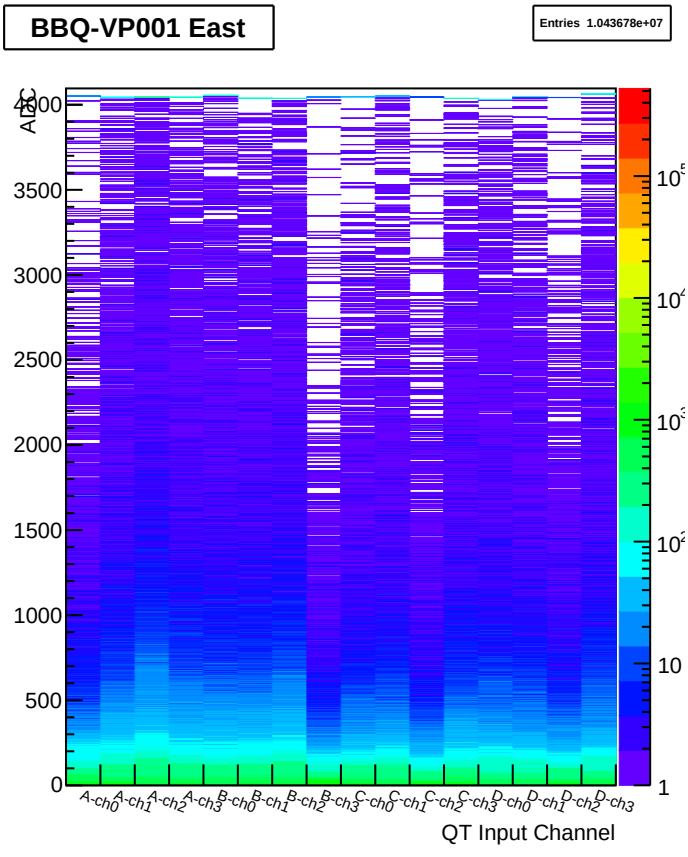

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.043678e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

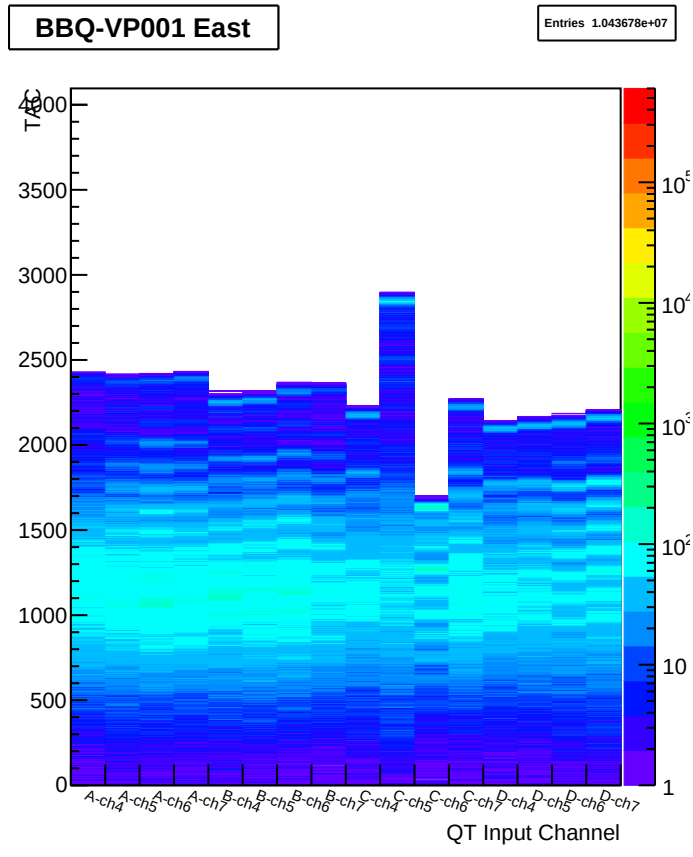

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.043678e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

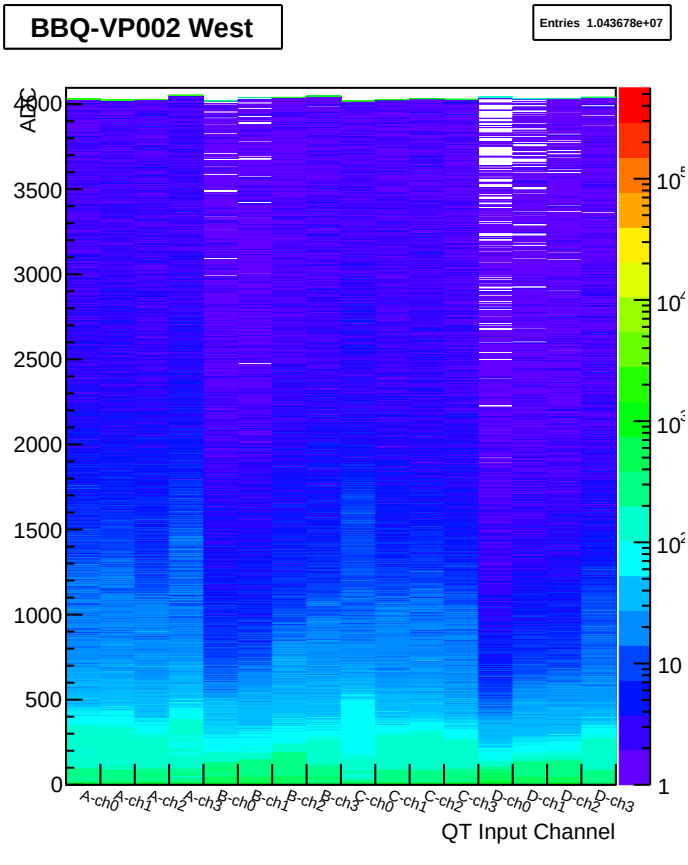

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.043678e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

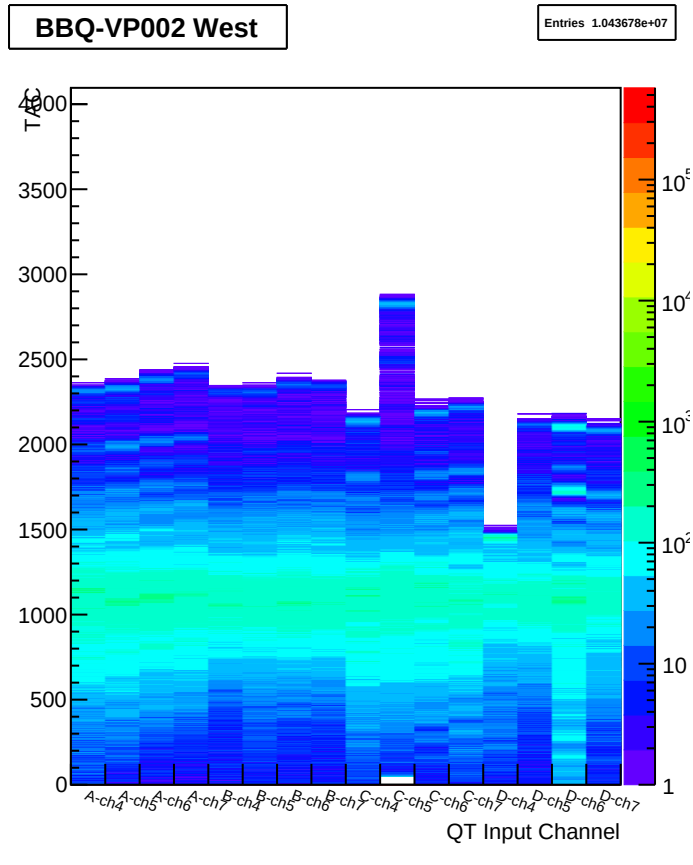

BBQ-ZD001 (ZDC TOWER)
Entries 1.043678e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

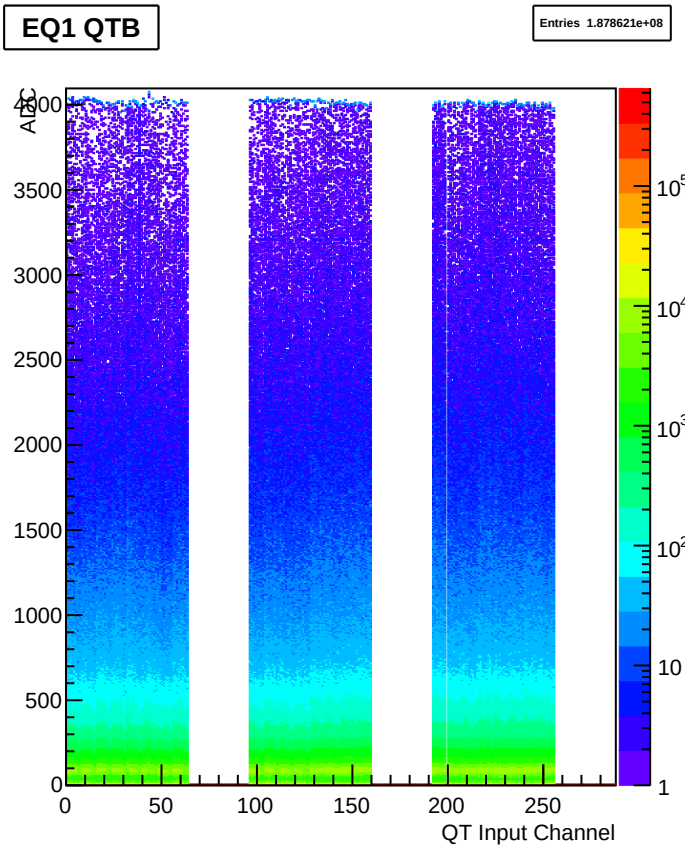

BBQ-ZD001 (ZDC TOWER)
Entries 1.043678e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

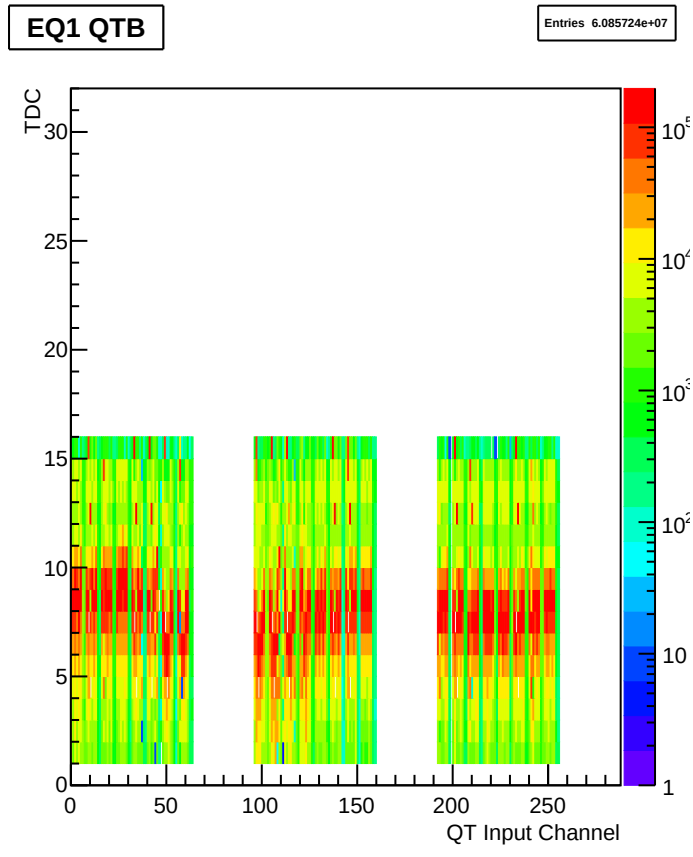

BBQ-VP001 East
Entries 1.043678e+07
ADC
QT Input Channel

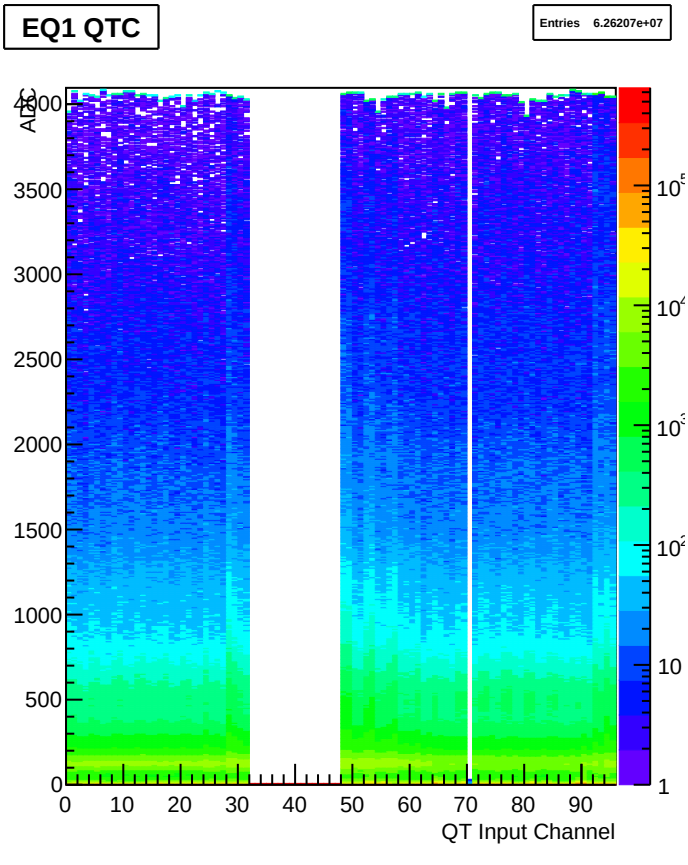

BBQ-VP001 East
Entries 1.043678e+07
TADC
QT Input Channel

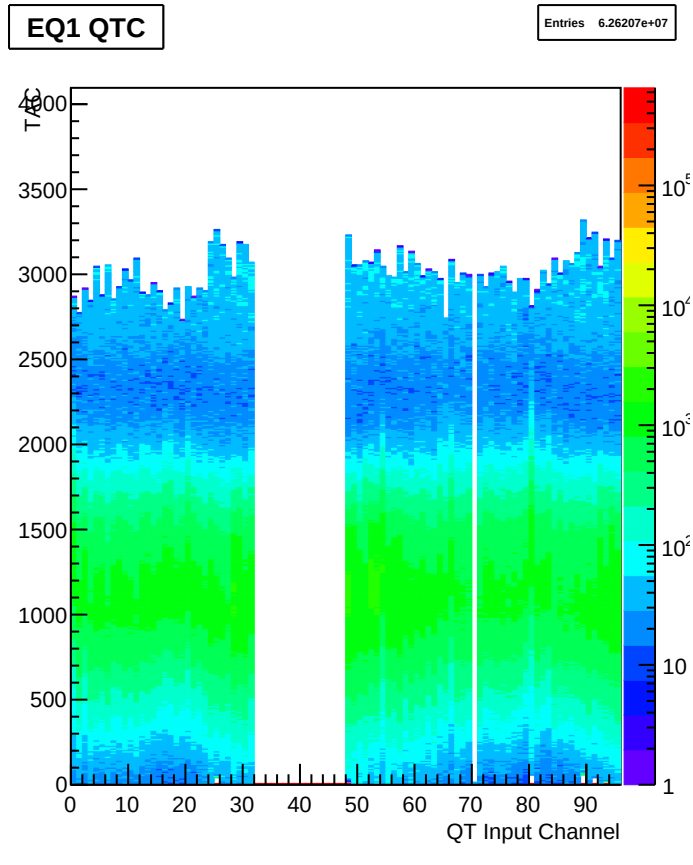

BBQ-VP002 West
Entries 1.043678e+07
ADC
QT Input Channel

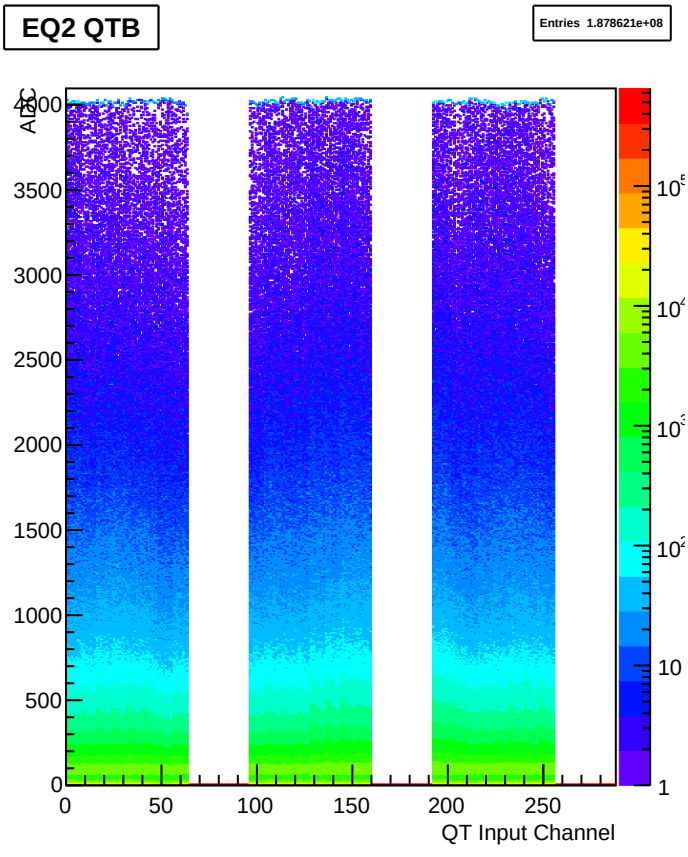

BBQ-VP002 West
Entries 1.043678e+07
TADC
QT Input Channel

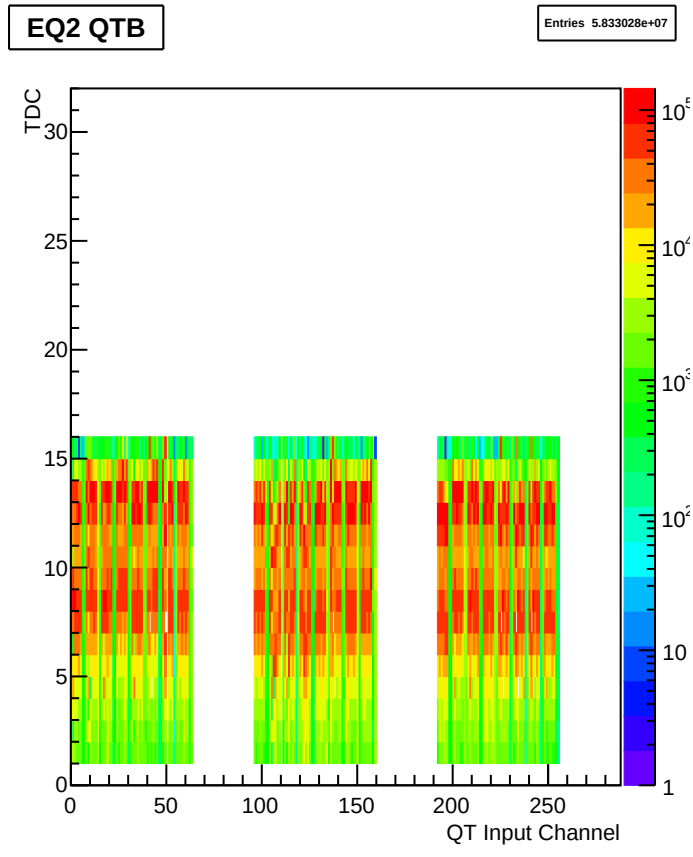

EQ1 QTB
Entries 1.878621e+08
ADC
QT Input Channel

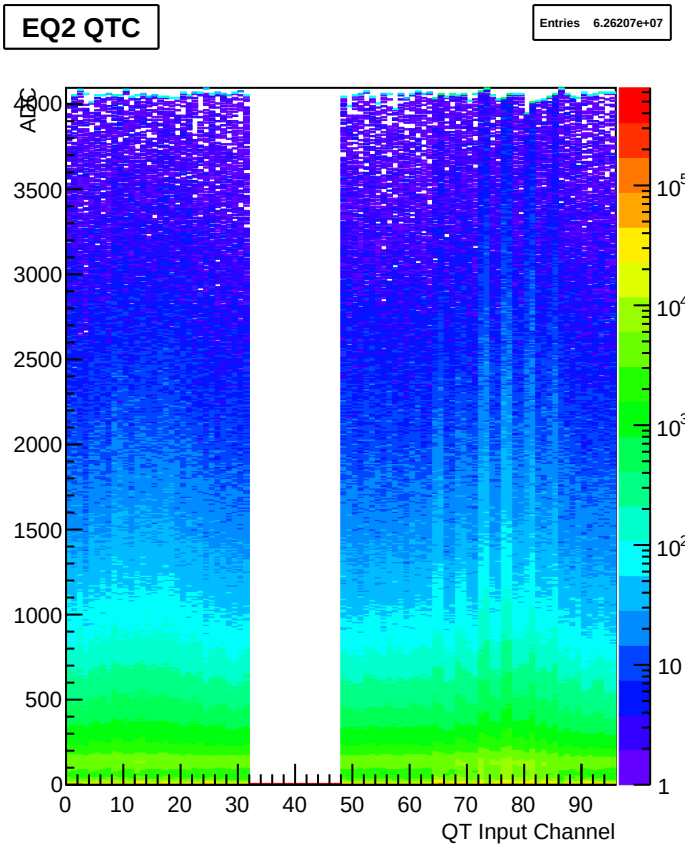

EQ1 QTB
Entries 6.085724e+07
TDC
QT Input Channel

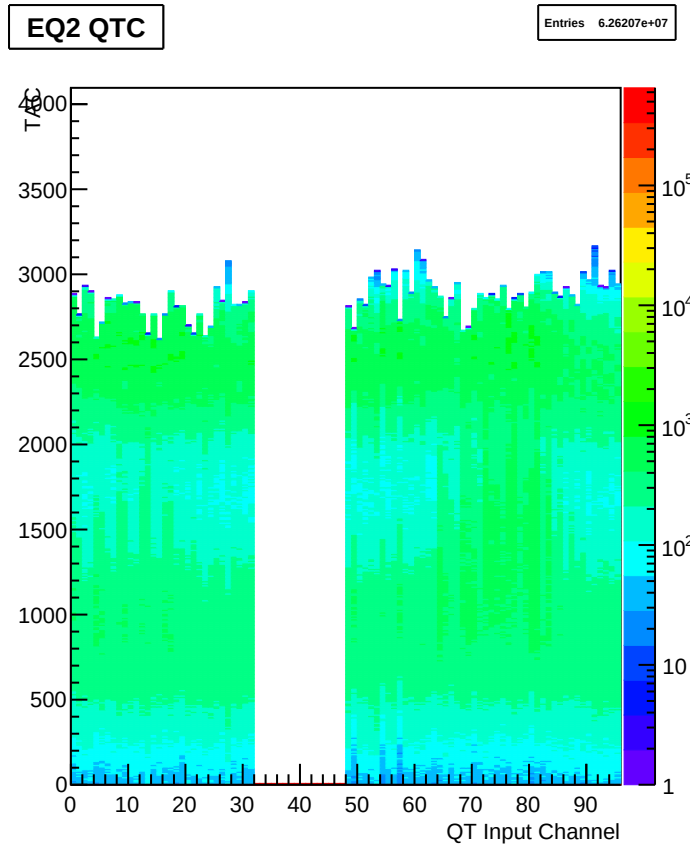

EQ1 QTC
Entries 6.26207e+07
ADC
QT Input Channel

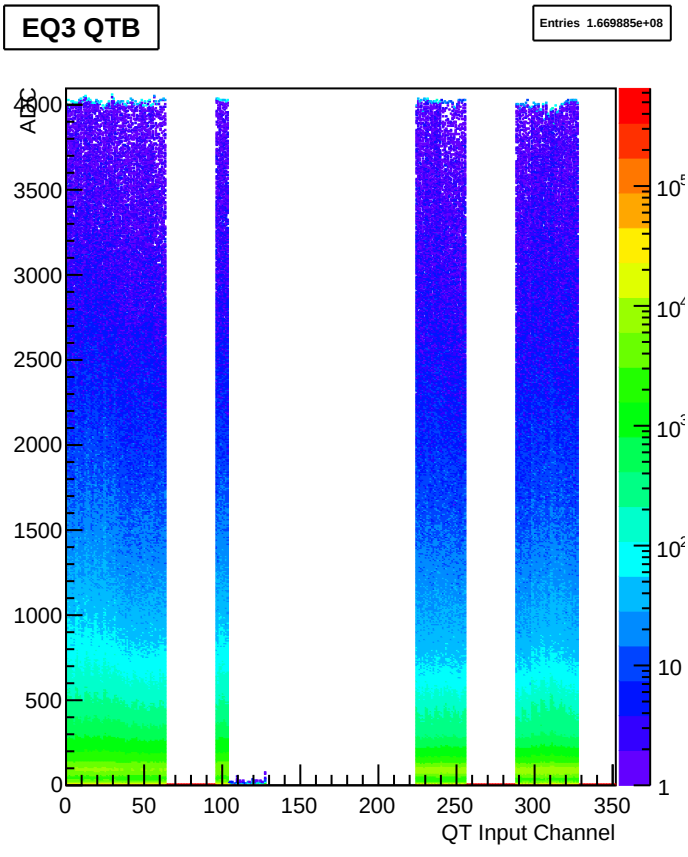

EQ1 QTC
Entries 6.26207e+07
TADC
QT Input Channel

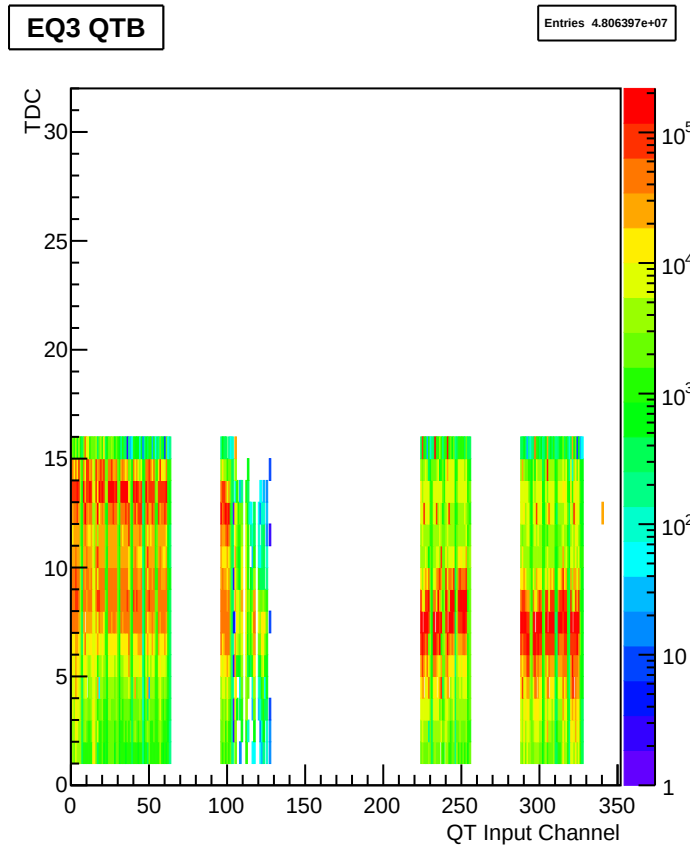

EQ2 QTB
Entries 1.878621e+08
ADC
QT Input Channel

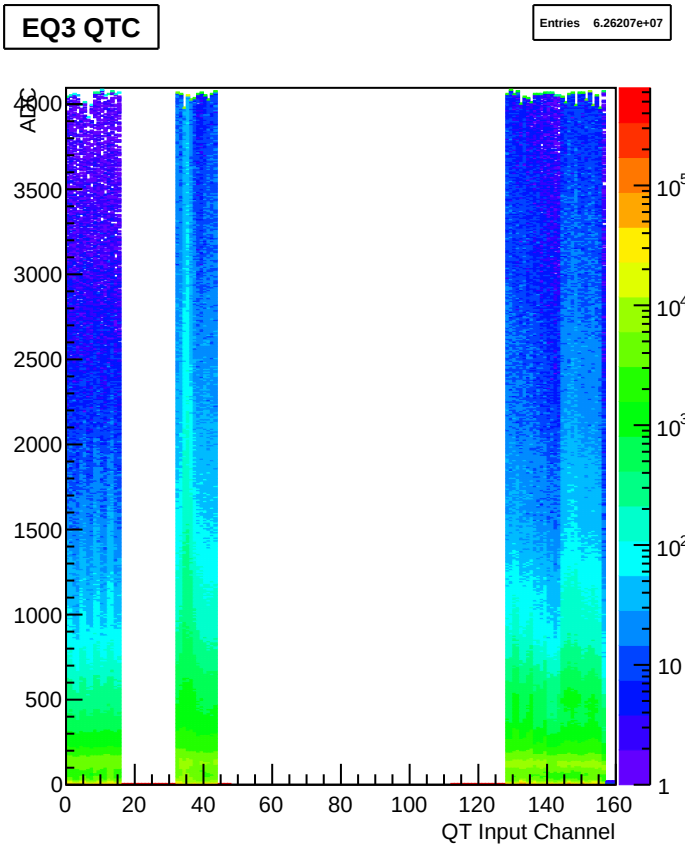

EQ2 QTB
Entries 5.833028e+07
TDC
QT Input Channel

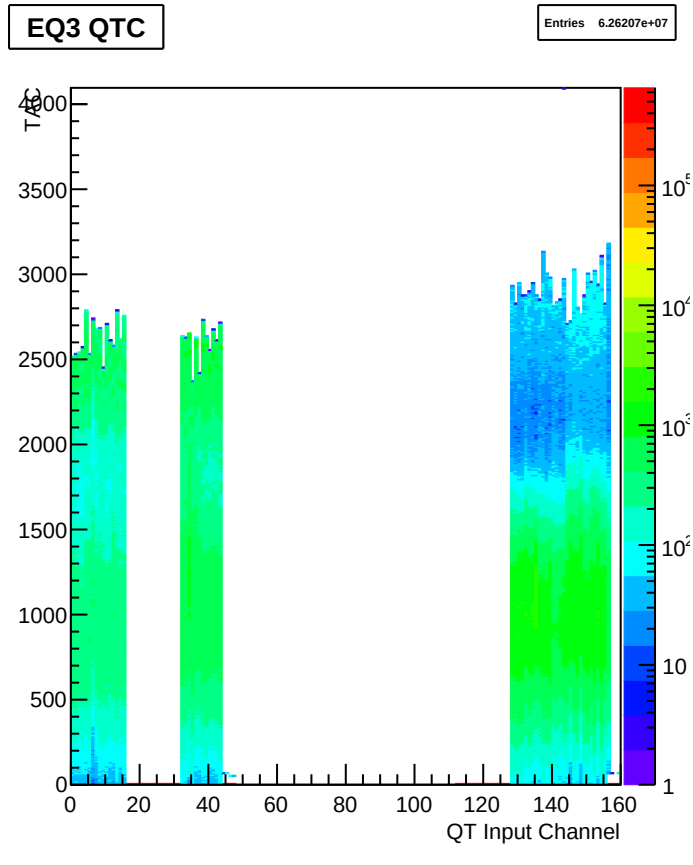

EQ2 QTC
Entries 6.26207e+07
ADC
QT Input Channel

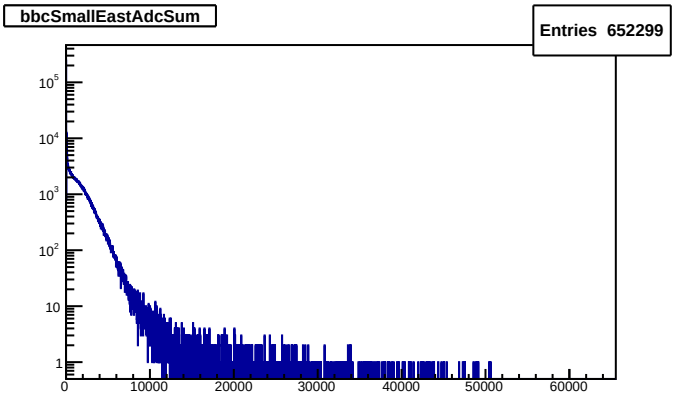

EQ2 QTC
Entries 6.26207e+07
TADC
QT Input Channel

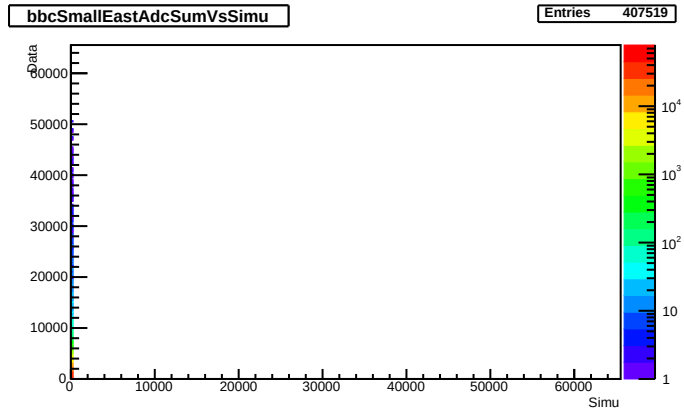

EQ3 QTB
Entries 1.669885e+08
ADC
QT Input Channel

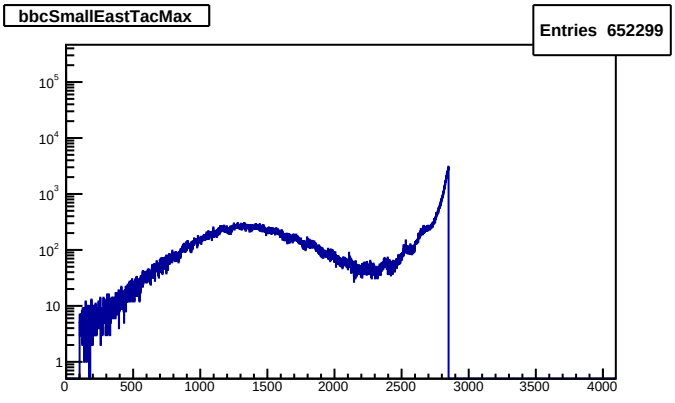

EQ3 QTB
Entries 4.806397e+07
TDC
QT Input Channel

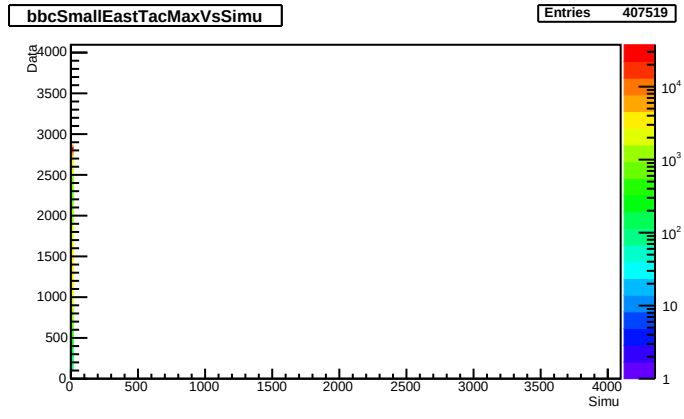

EQ3 QTC
Entries 6.26207e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.26207e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 652299


bbcSmallEastAdcSumVsSimu
Entries 407519
Data
Simu


bbcSmallEastTacMax
Entries 652299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Entries 407519
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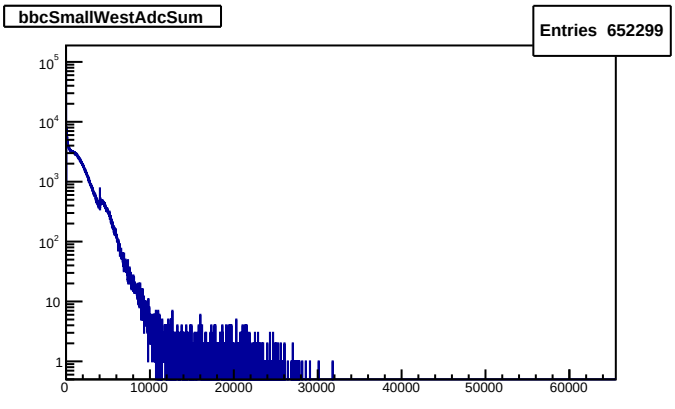
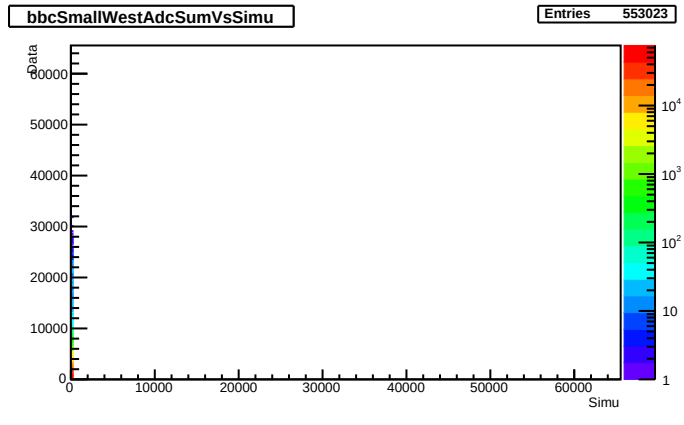

bbcSmallWestAdcSum
Entries 652299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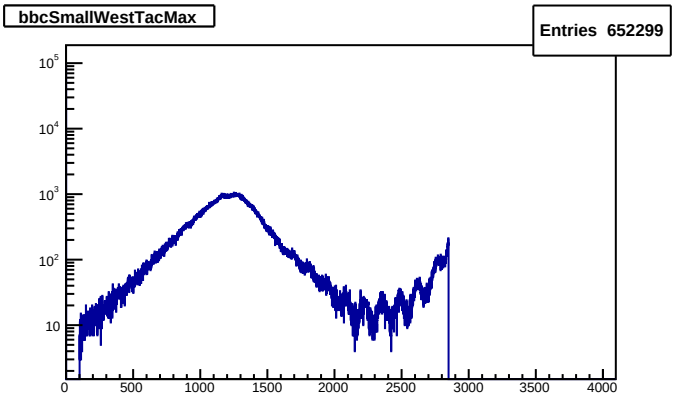
Entries 553023
Data
Simu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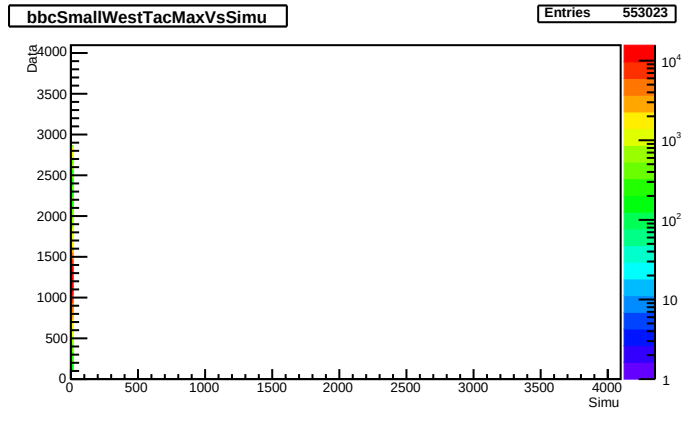
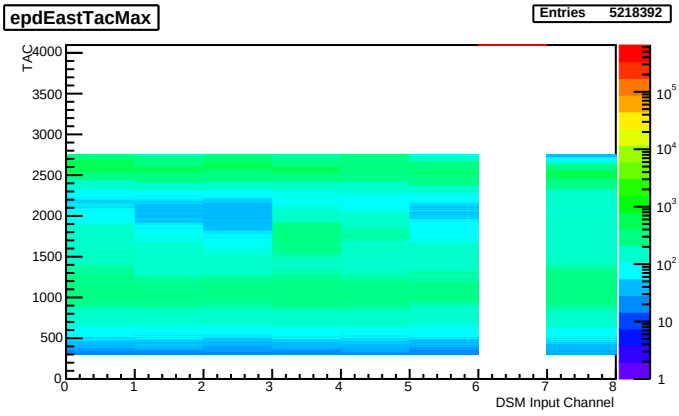
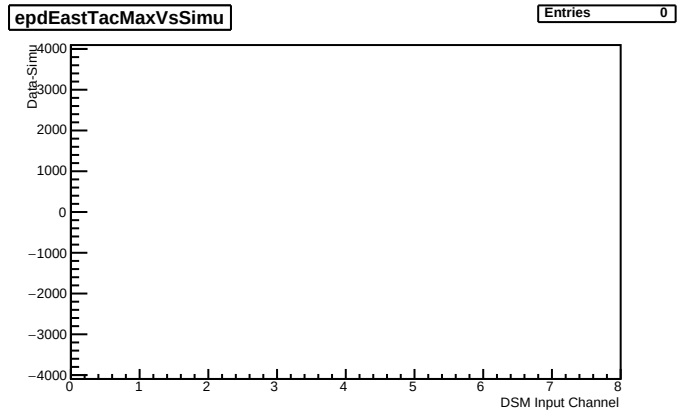
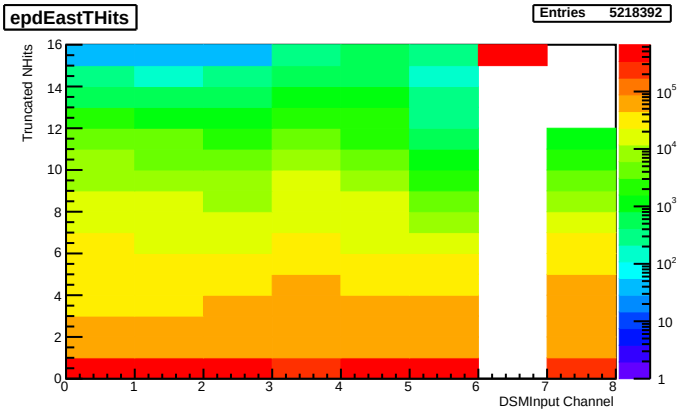
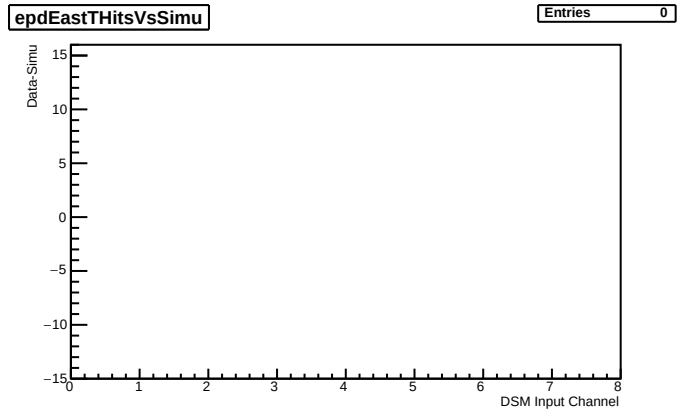
Entries 652299


bbcSmallWestTacMaxVsSimu
Entries 553023
Data
Simu


epdEastTacMax
Entries 5218392
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5218392
Truncated NHits
DSMInput Channel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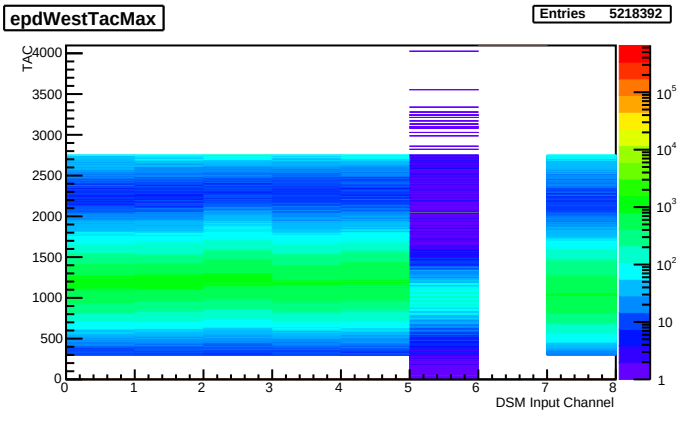
DSM Input Channel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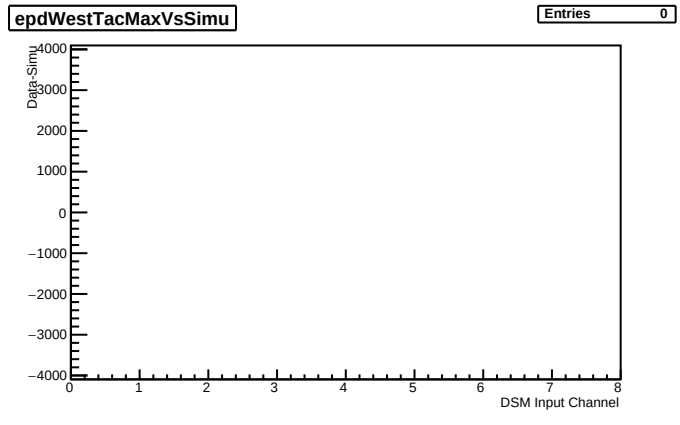
Entries 5218392
TAC
DSM Input Channel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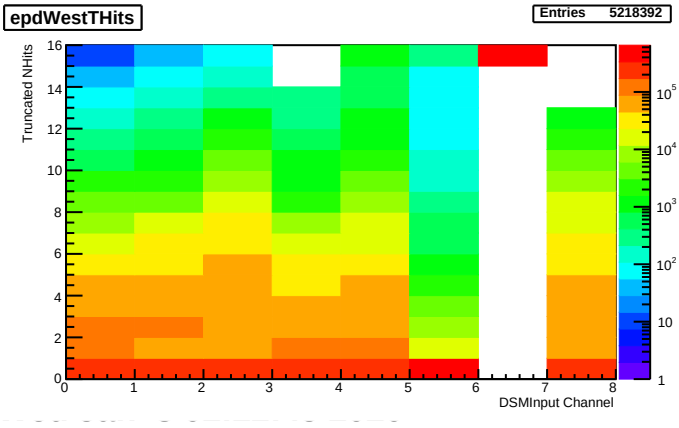
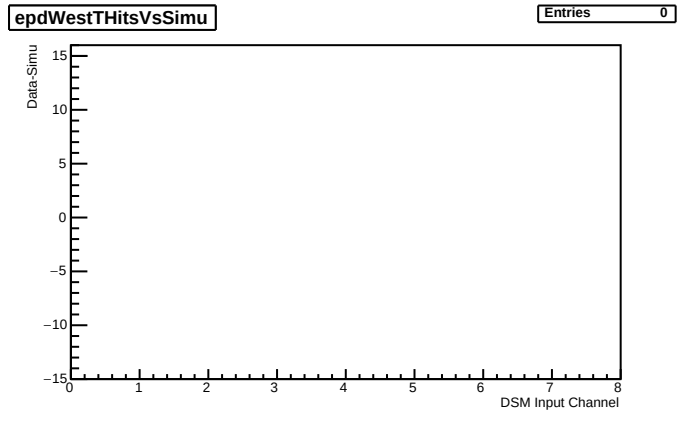
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5218392
Truncated NHits
DSMInput Channel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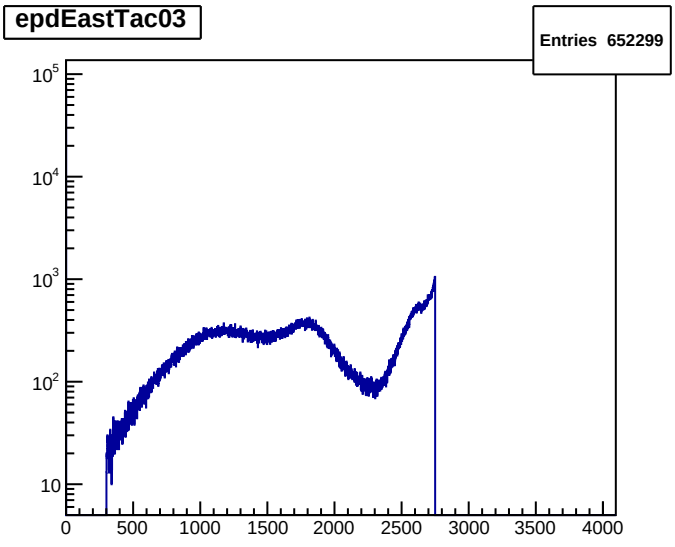
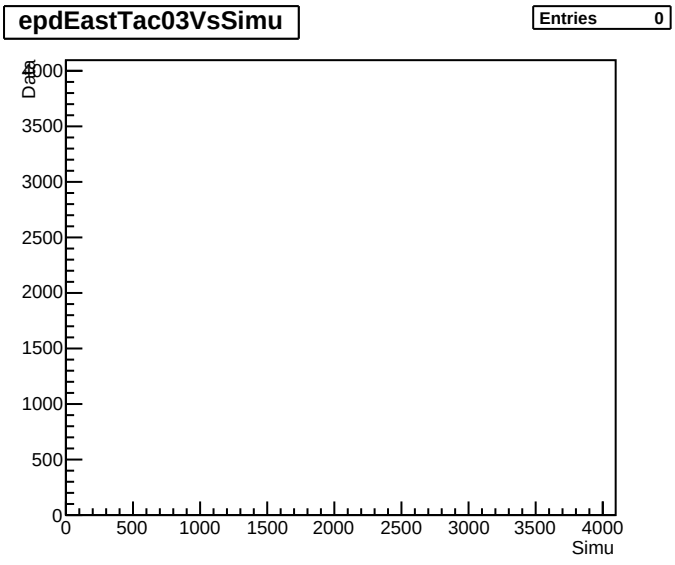
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 652299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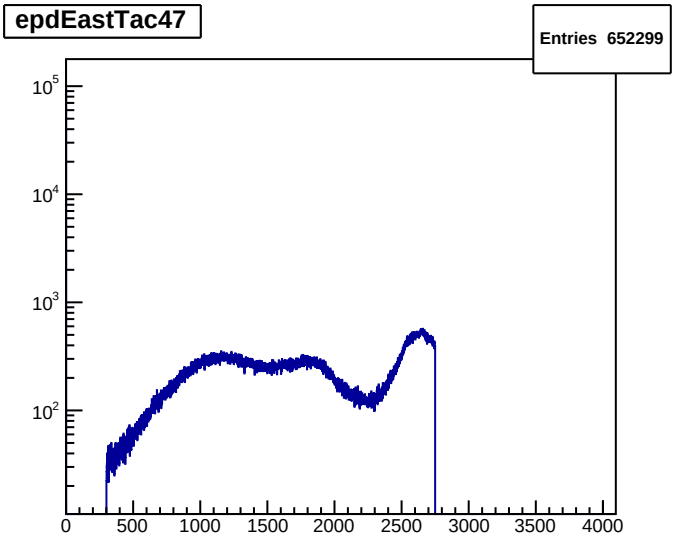
Entries 0
Data
Simu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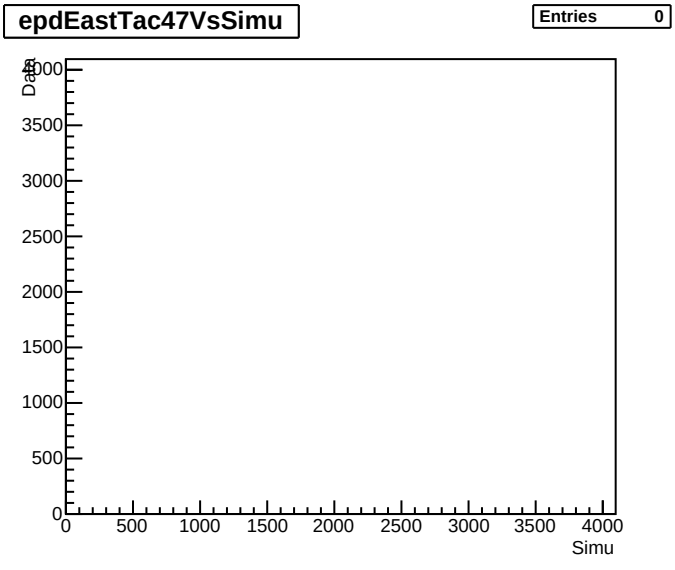
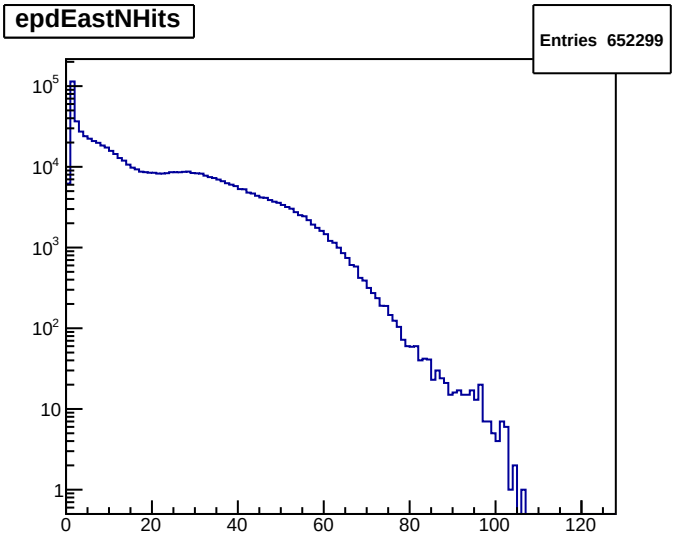
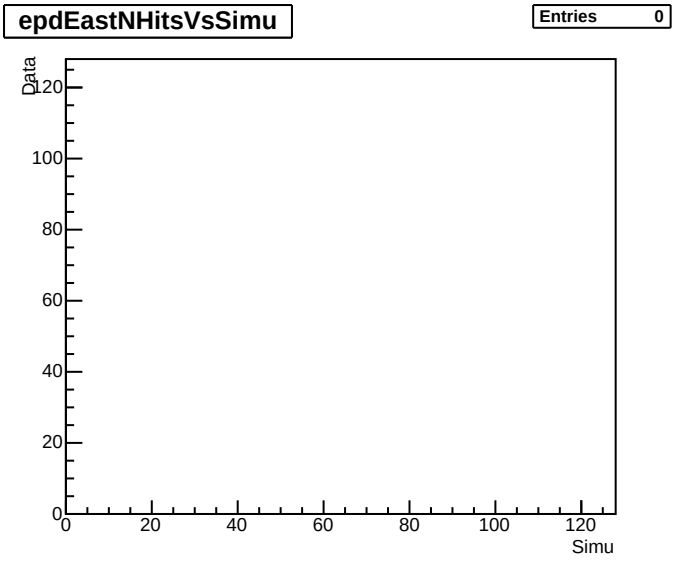
Entries 652299


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 652299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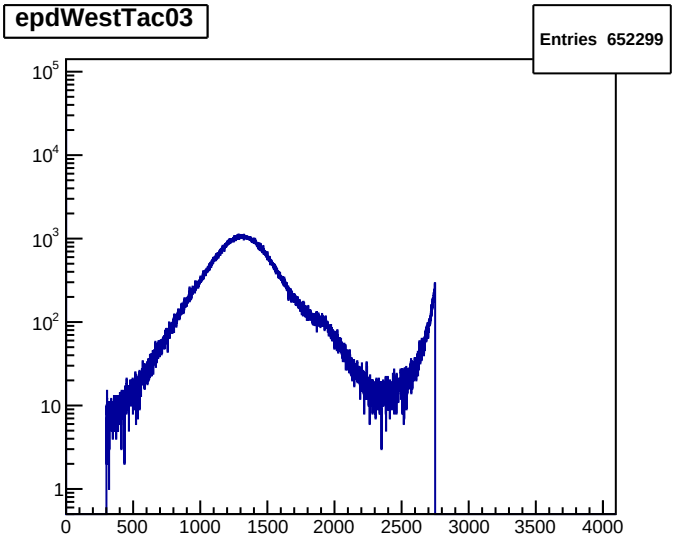
Entries 0
Data
Simu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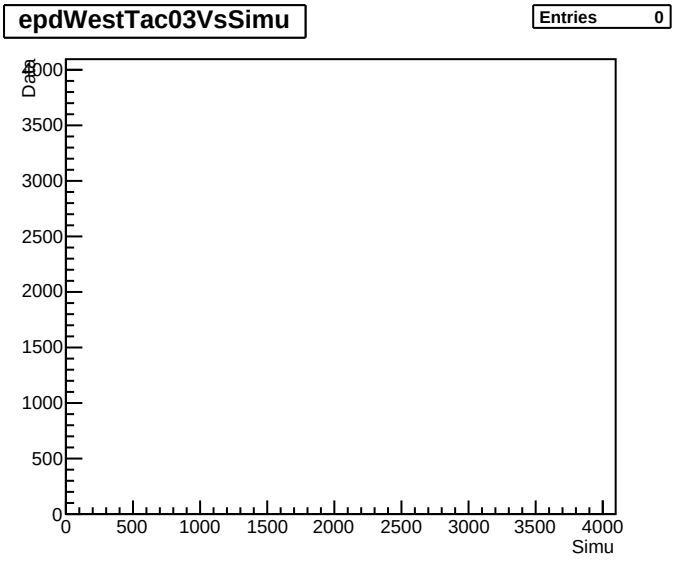
Entries 652299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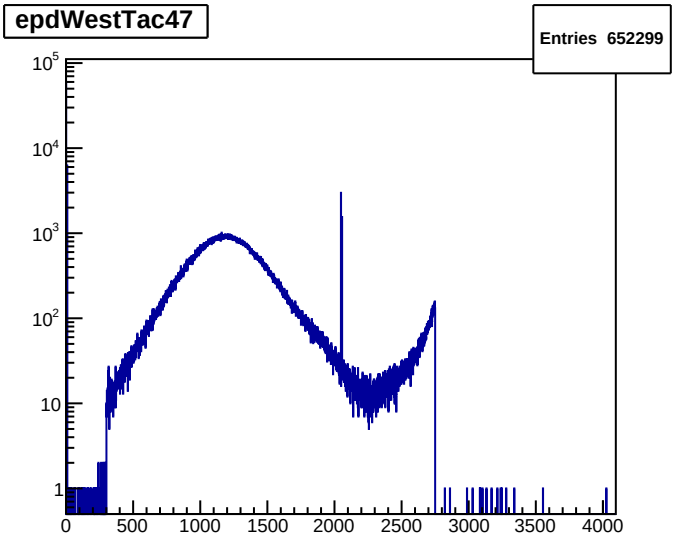
Entries 0
Data
Simu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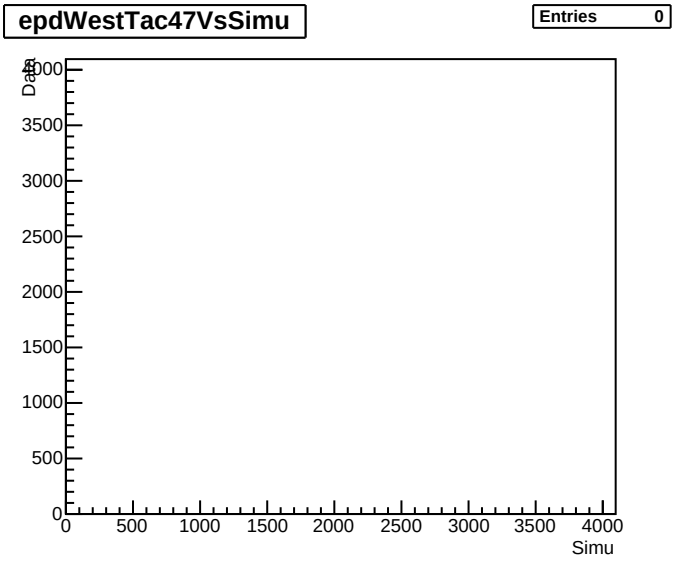
Entries 652299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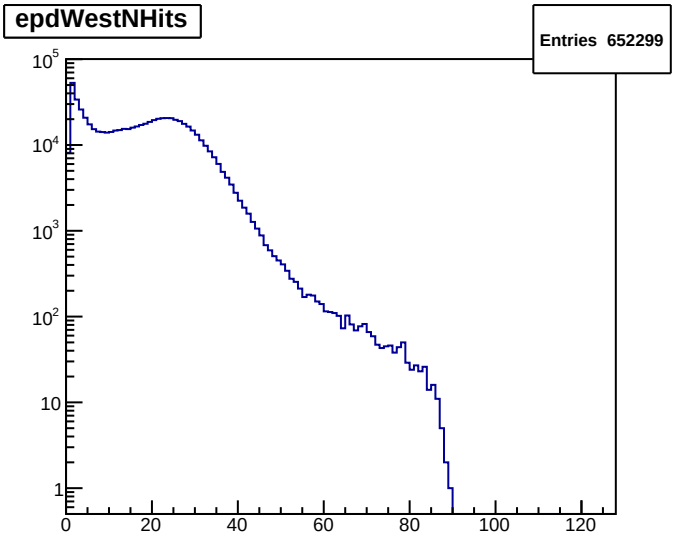
Entries 0
Data
Simu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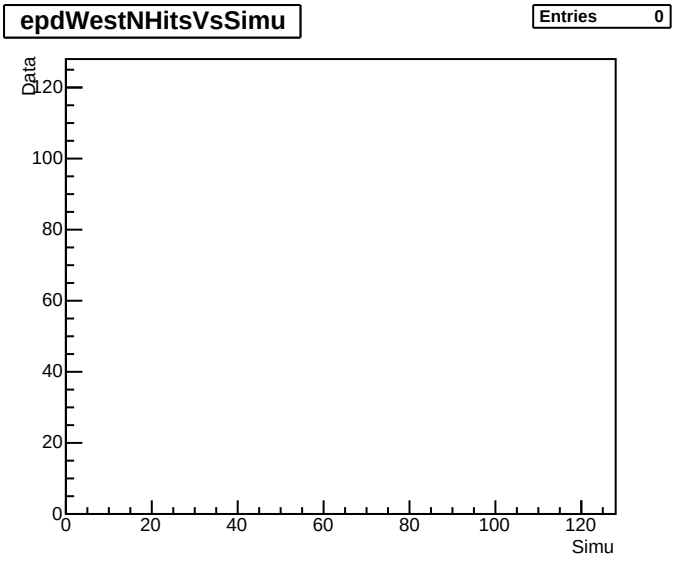
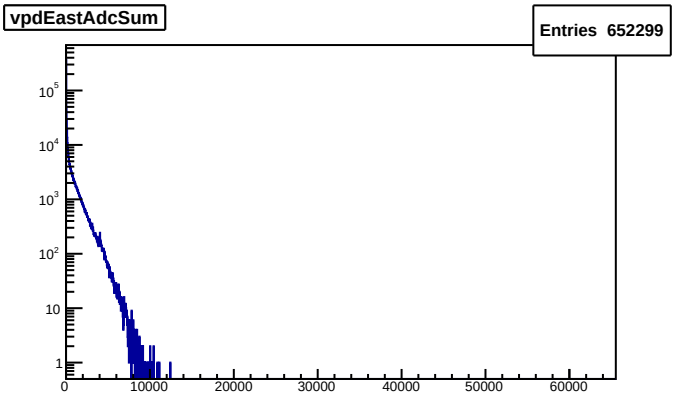
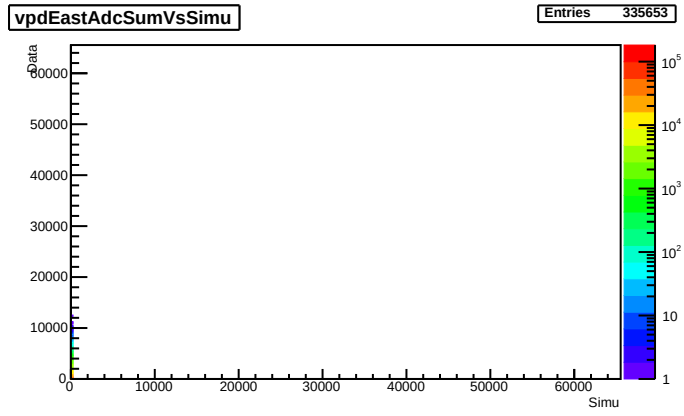
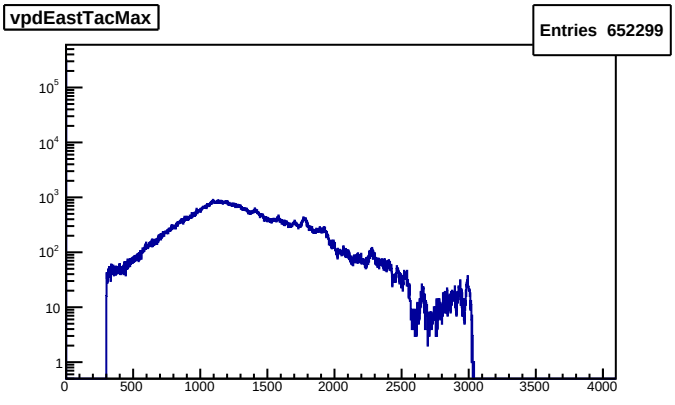
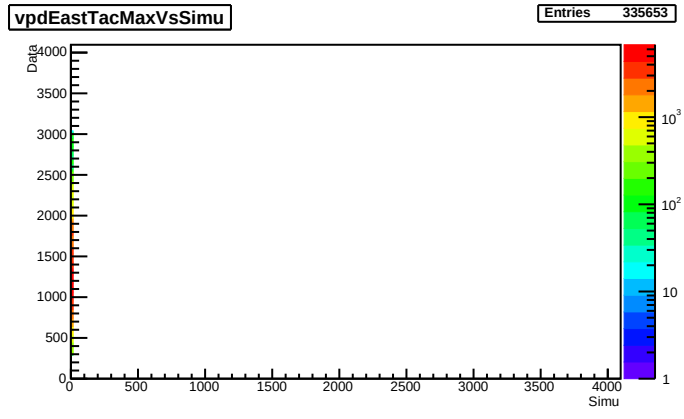
Entries 652299

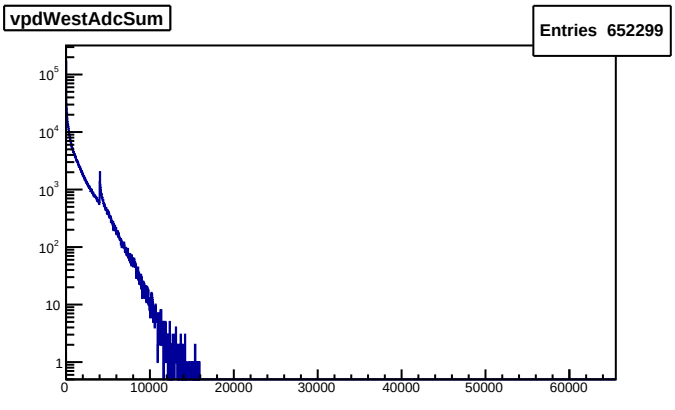

epdWestNHitsVsSimu
Entries 0
Data
Simu

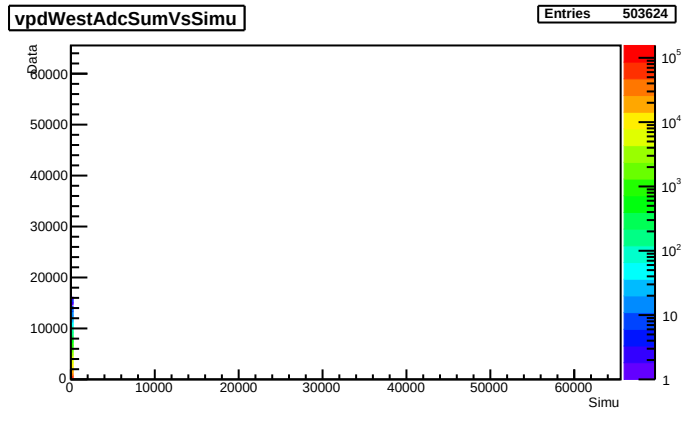

vpdEastAdcSum
Entries 652299


vpdEastAdcSumVsSimu
Entries 335653
Data
Simu


vpdEastTacMax
Entries 652299


vpdEastTacMaxVsSimu
Entries 335653
Data
Simu


vpdWestAdcSum
Entries 652299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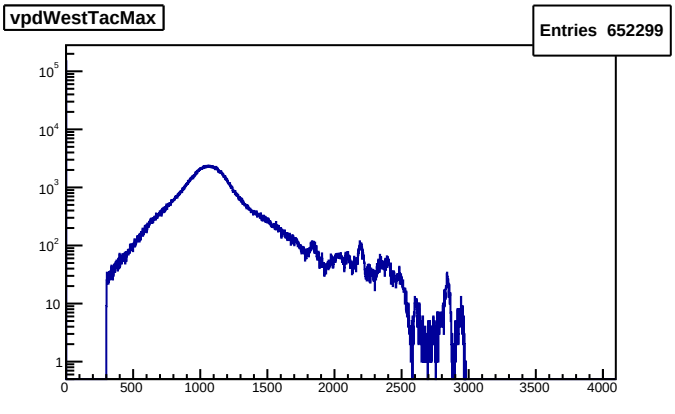
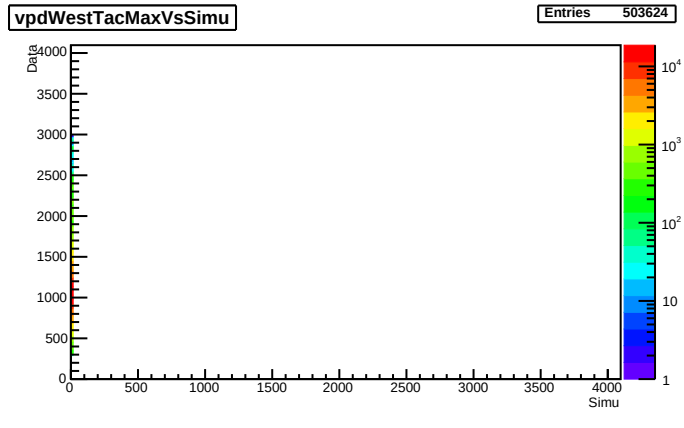
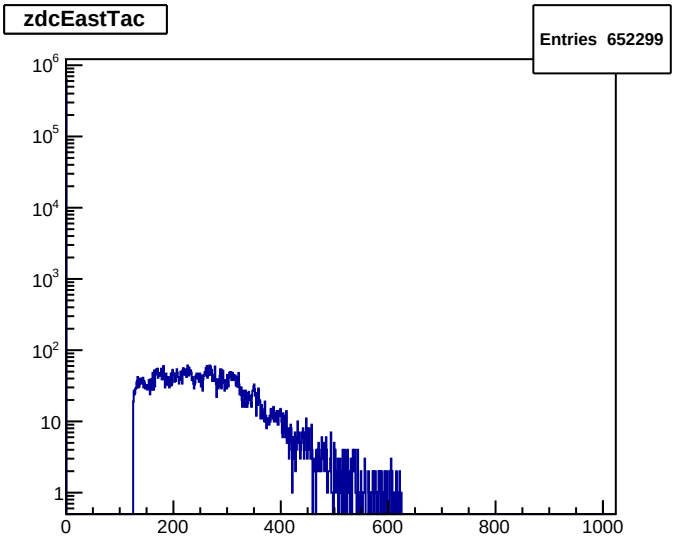
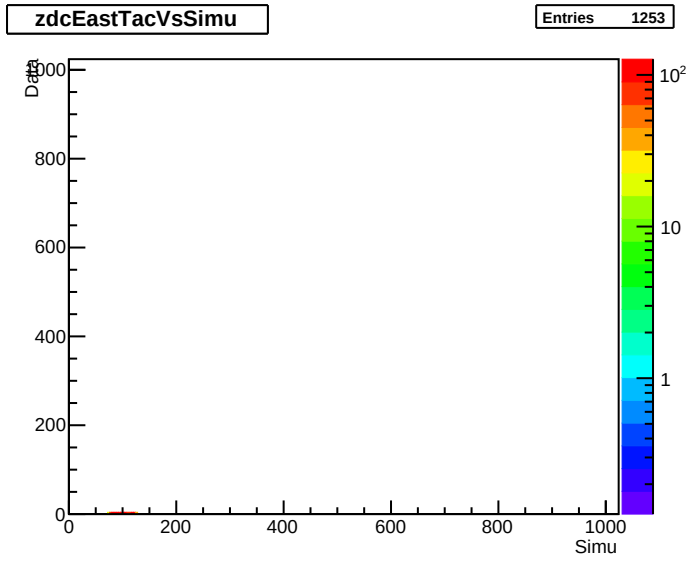
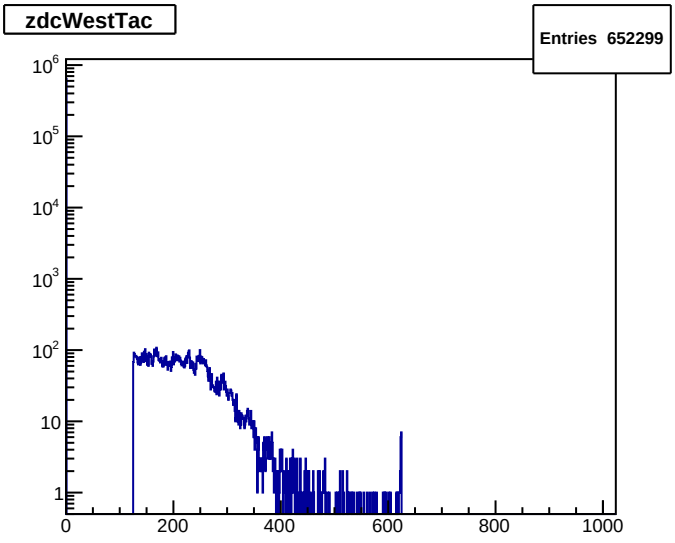
Entries 503624
Data
Simu

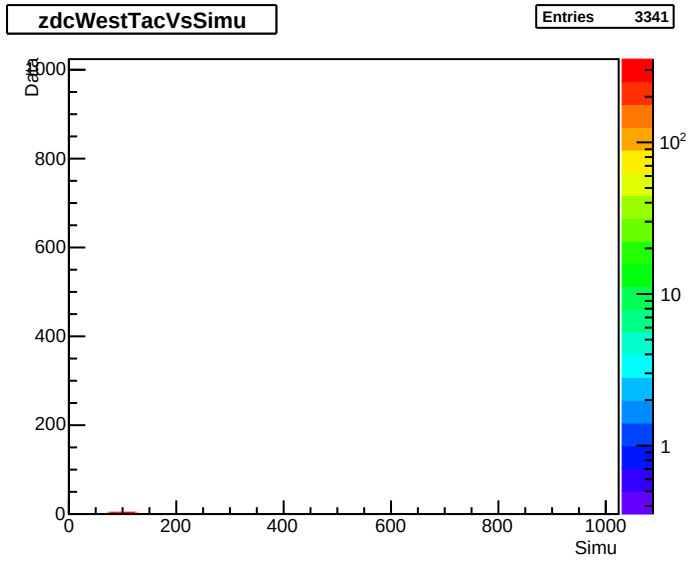

vpdWestTacMax
Entries 652299

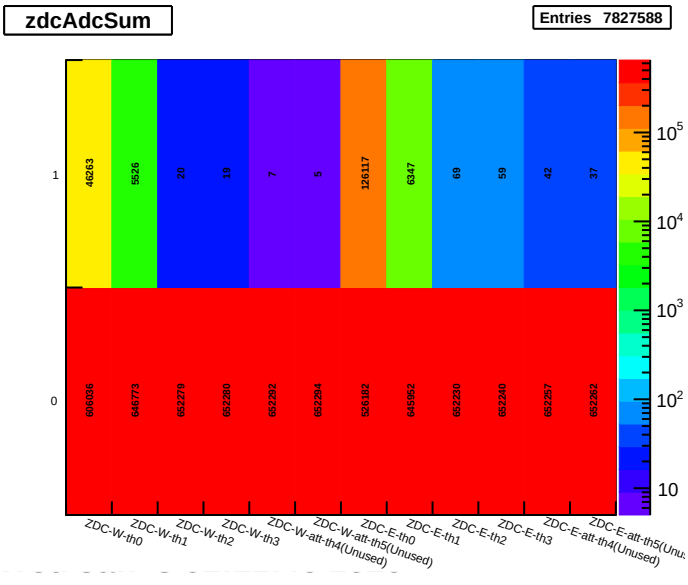

vpdWestTacMaxVsSimu
Entries 503624
Data
Simu

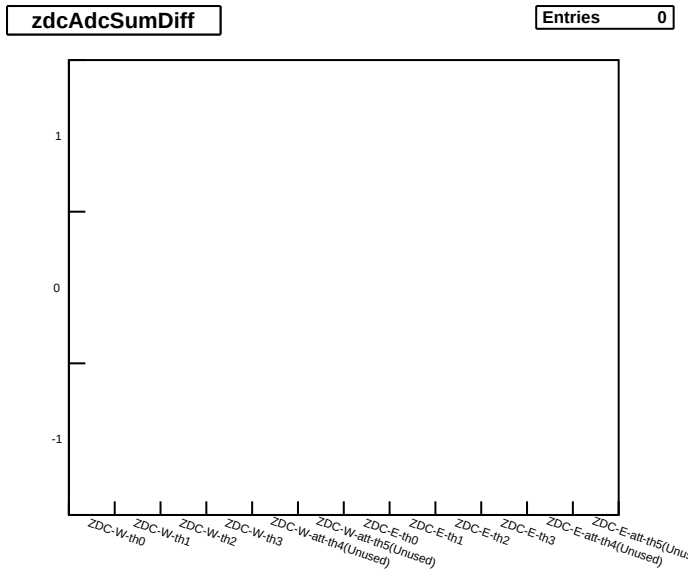

zdcEastTac
Entries 652299

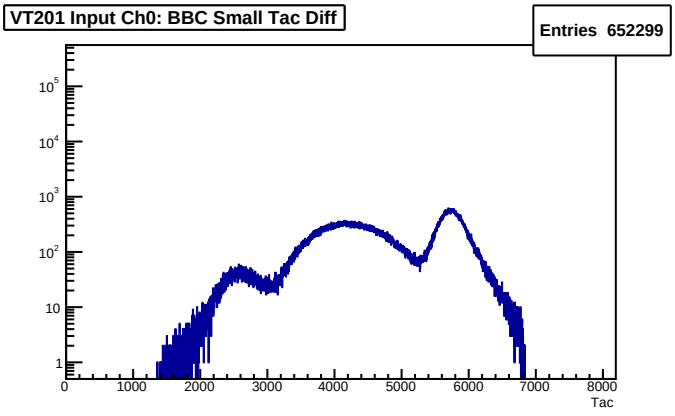

zdcEastTacVsSimu
Entries 1253
Data
Simu

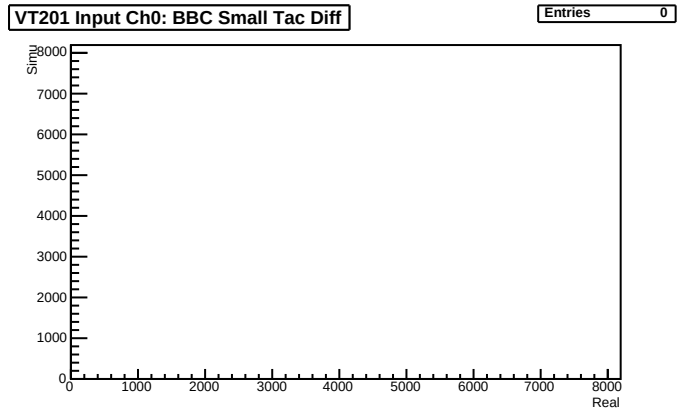

zdcWestTac
Entries 652299

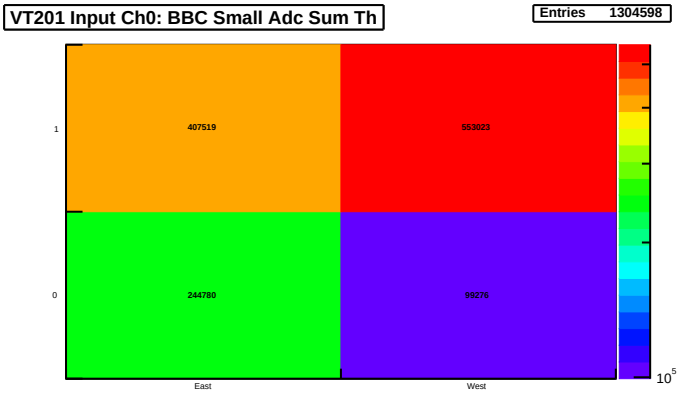

zdcWestTacVsSimu
Entries 3341
Data
Simu

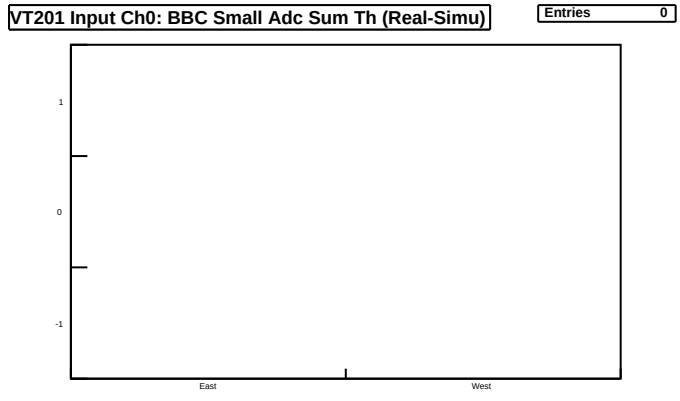

zdcAdcSum
Entries 7827588
46263
5526
20
19
7
5
126117
6347
69
59
42
37
606036
646773
652279
652280
652292
652294
526182
645952
652230
652240
652257
652282
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

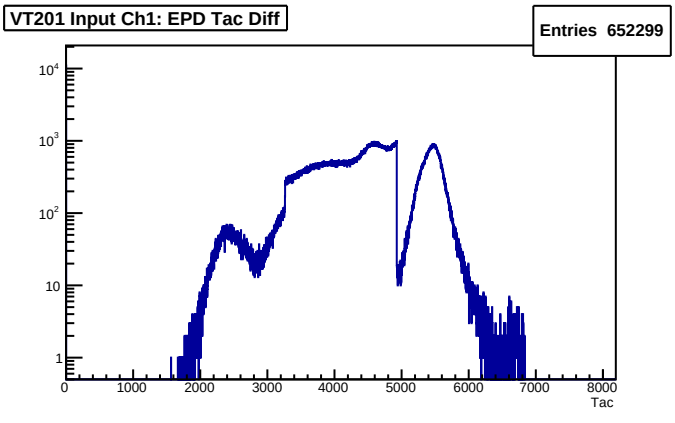

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

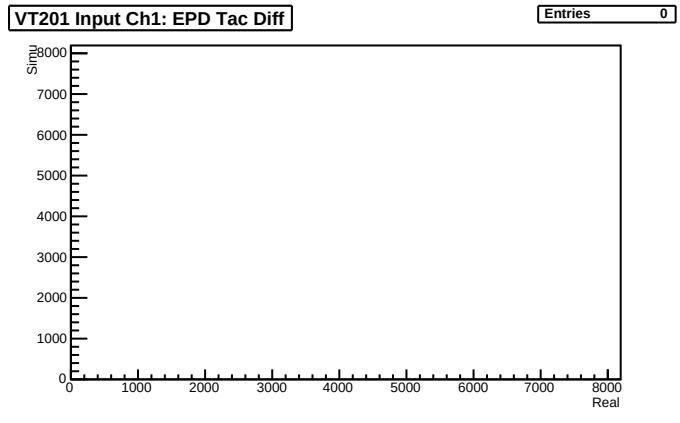

VT201 Input Ch0: BBC Small Tac Diff
Entries 652299
Tac

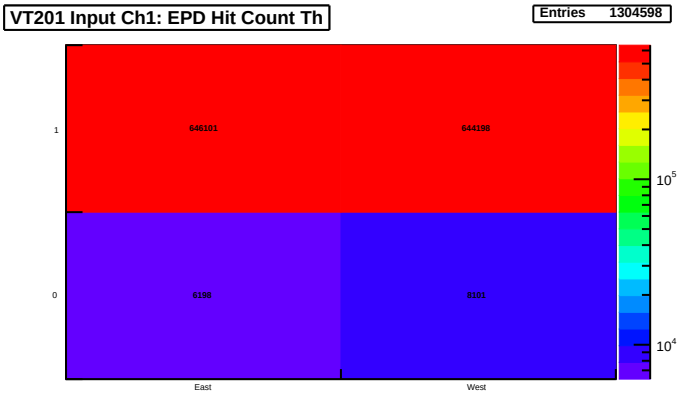

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

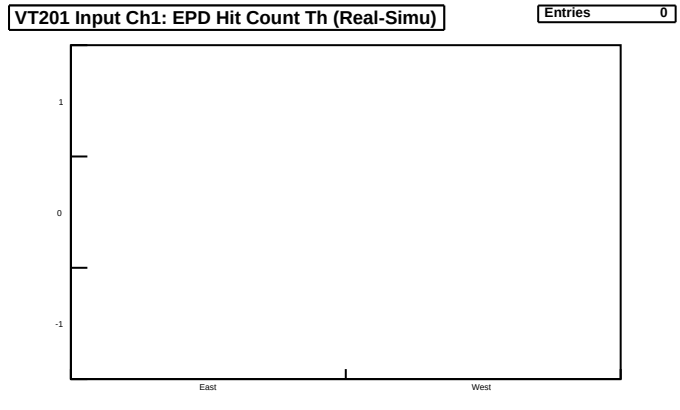

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1304598
407519
553023
244780
99276
East
West

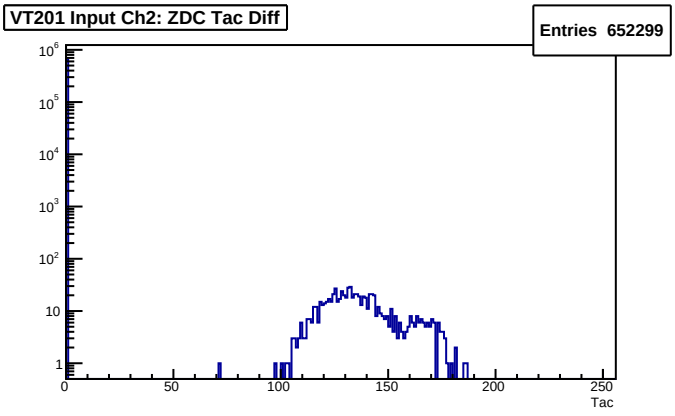

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

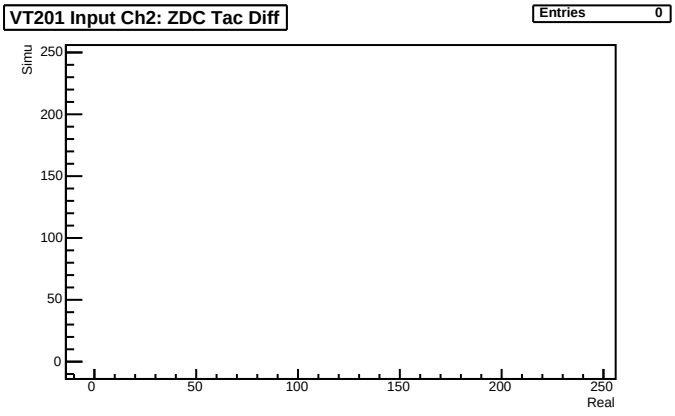

VT201 Input Ch1: EPD Tac Diff
Entries 652299
Tac

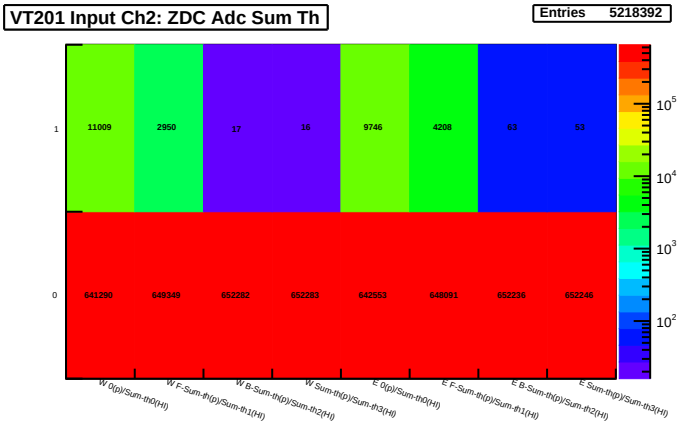

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

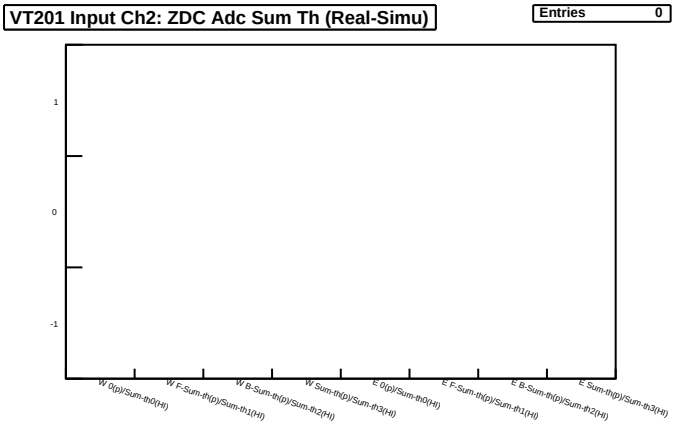

VT201 Input Ch1: EPD Hit Count Th
Entries 1304598
646101
644198
6198
8101
East
West

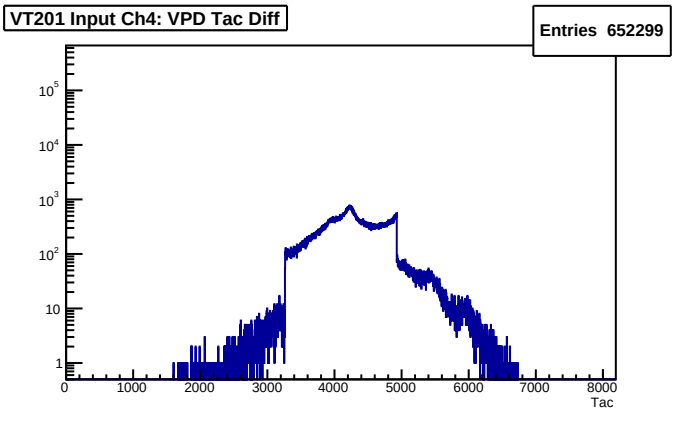

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

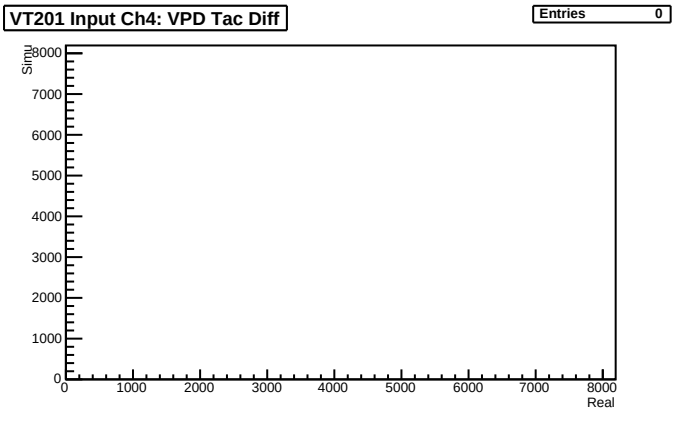

VT201 Input Ch2: ZDC Tac Diff
Entries 652299
Tac

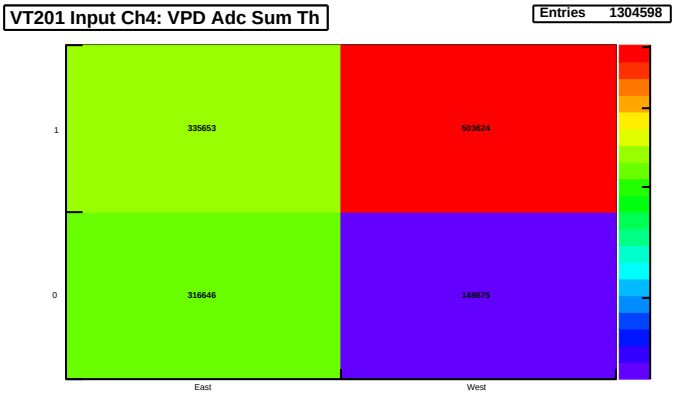

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

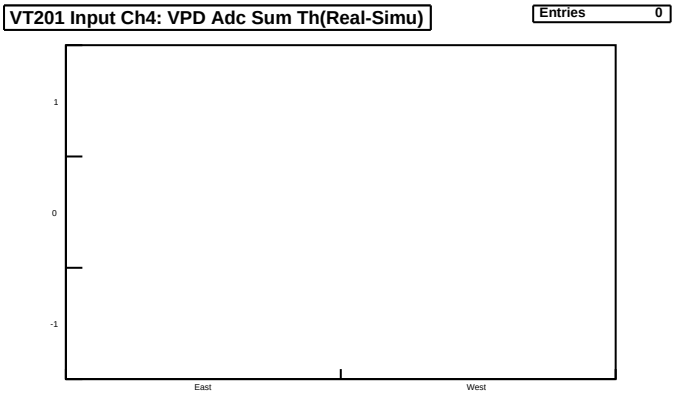

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5218392
11009
2950
17
16
9746
4208
63
53
641290
649349
652282
652283
642553
648091
652236
652246
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

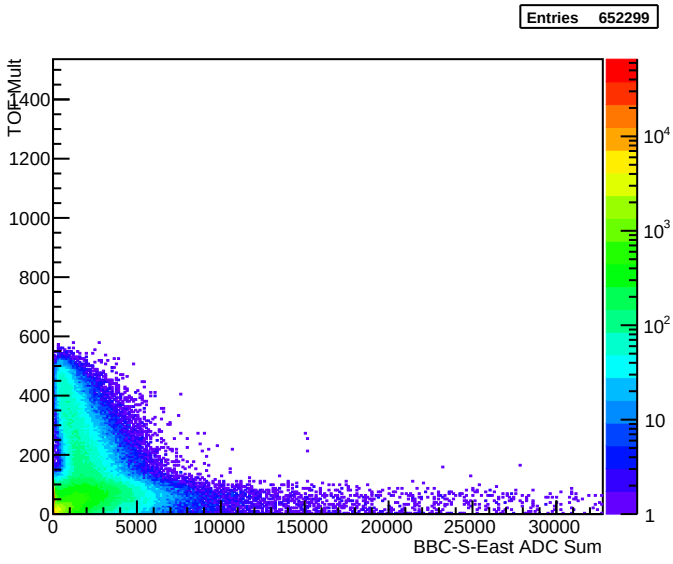

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

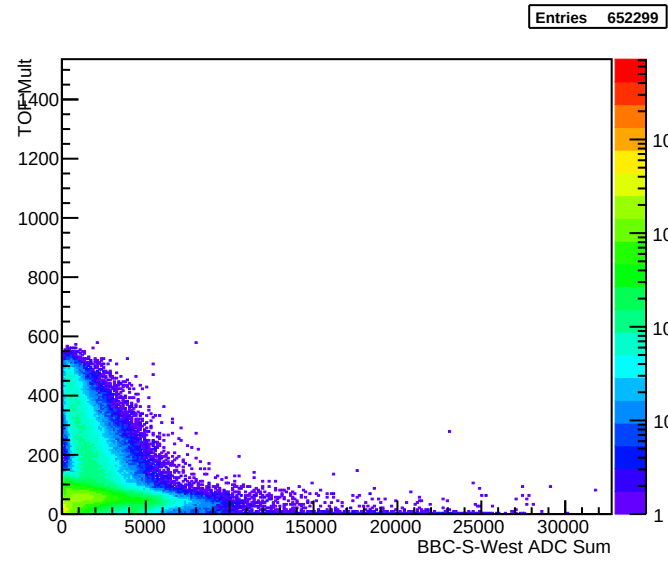

VT201 Input Ch4: VPD Tac Diff
Entries 652299
Tac

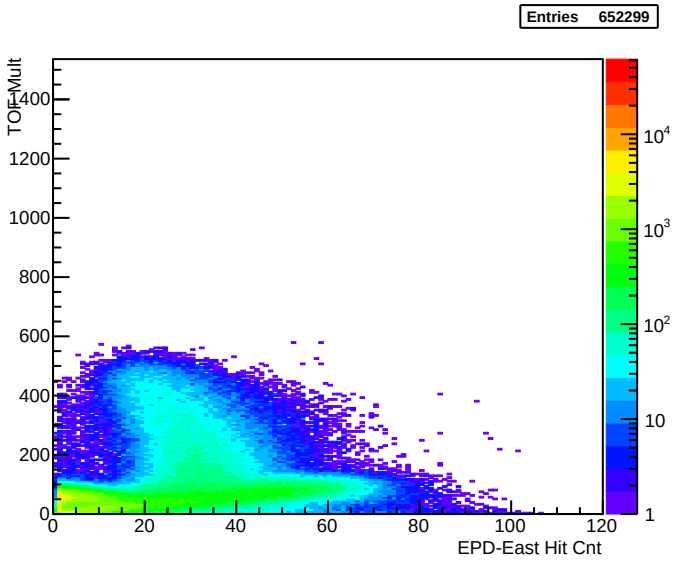

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

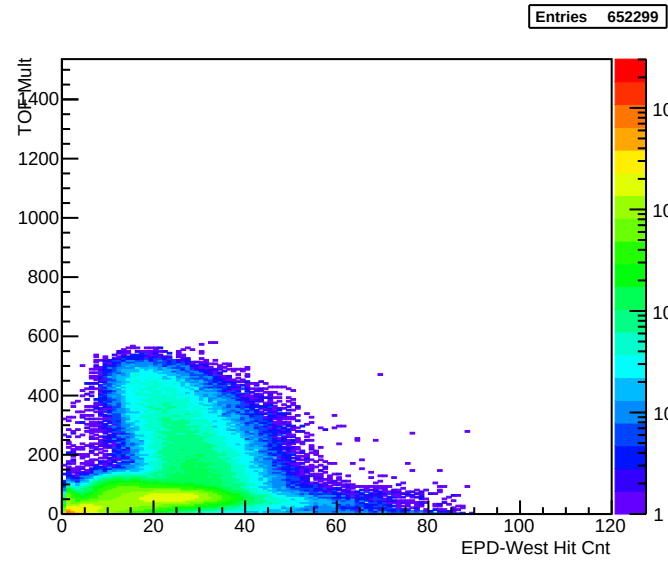

VT201 Input Ch4: VPD Adc Sum Th
Entries 1304598
335653
503624
316646
148675
East
West

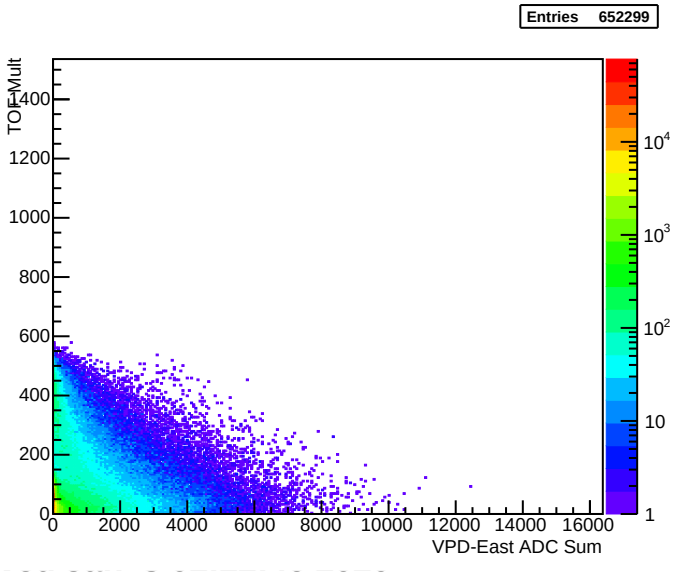

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

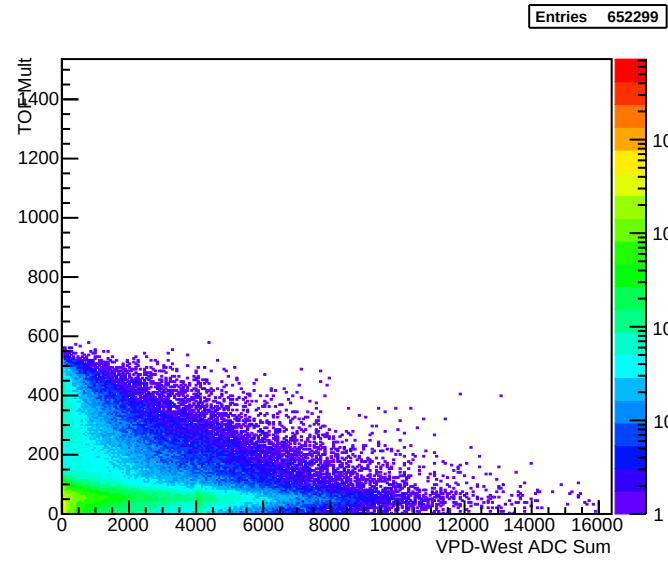

Entries 652299
TOF-Mult
BBC-S-East ADC Sum

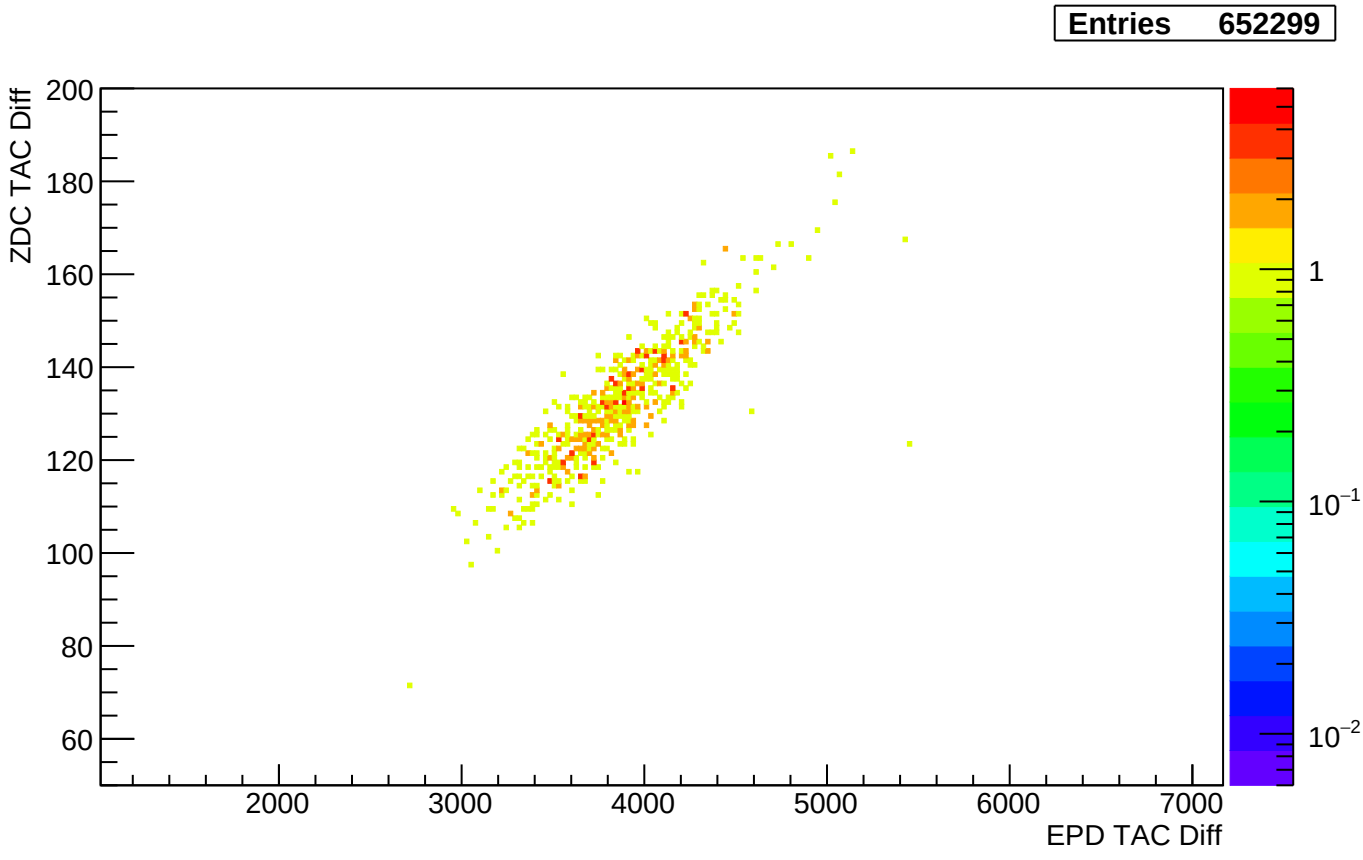

Entries 652299
TOF-Mult
BBC-S-West ADC Sum

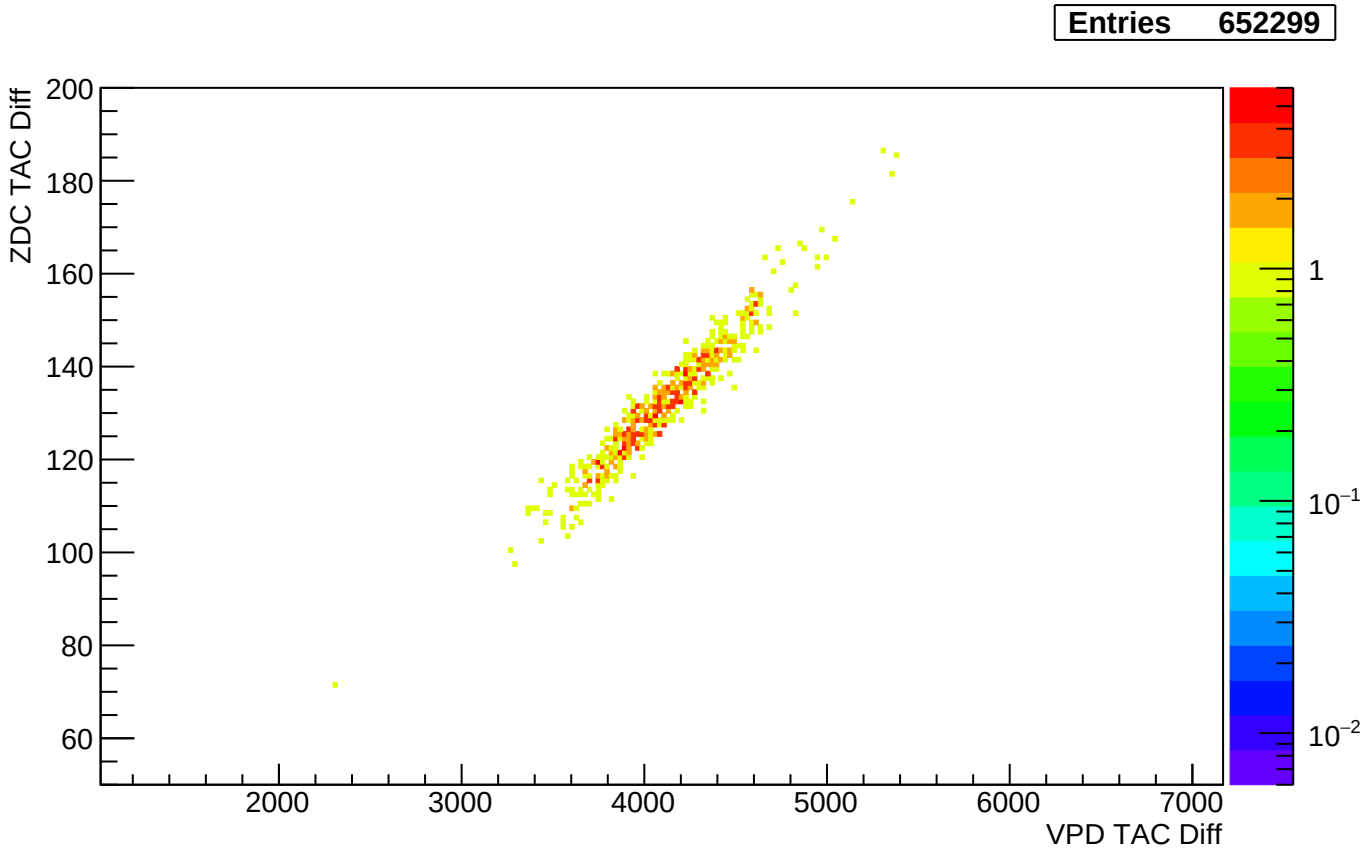

Entries 652299
TOF-Mult
EPD-East Hit Cnt

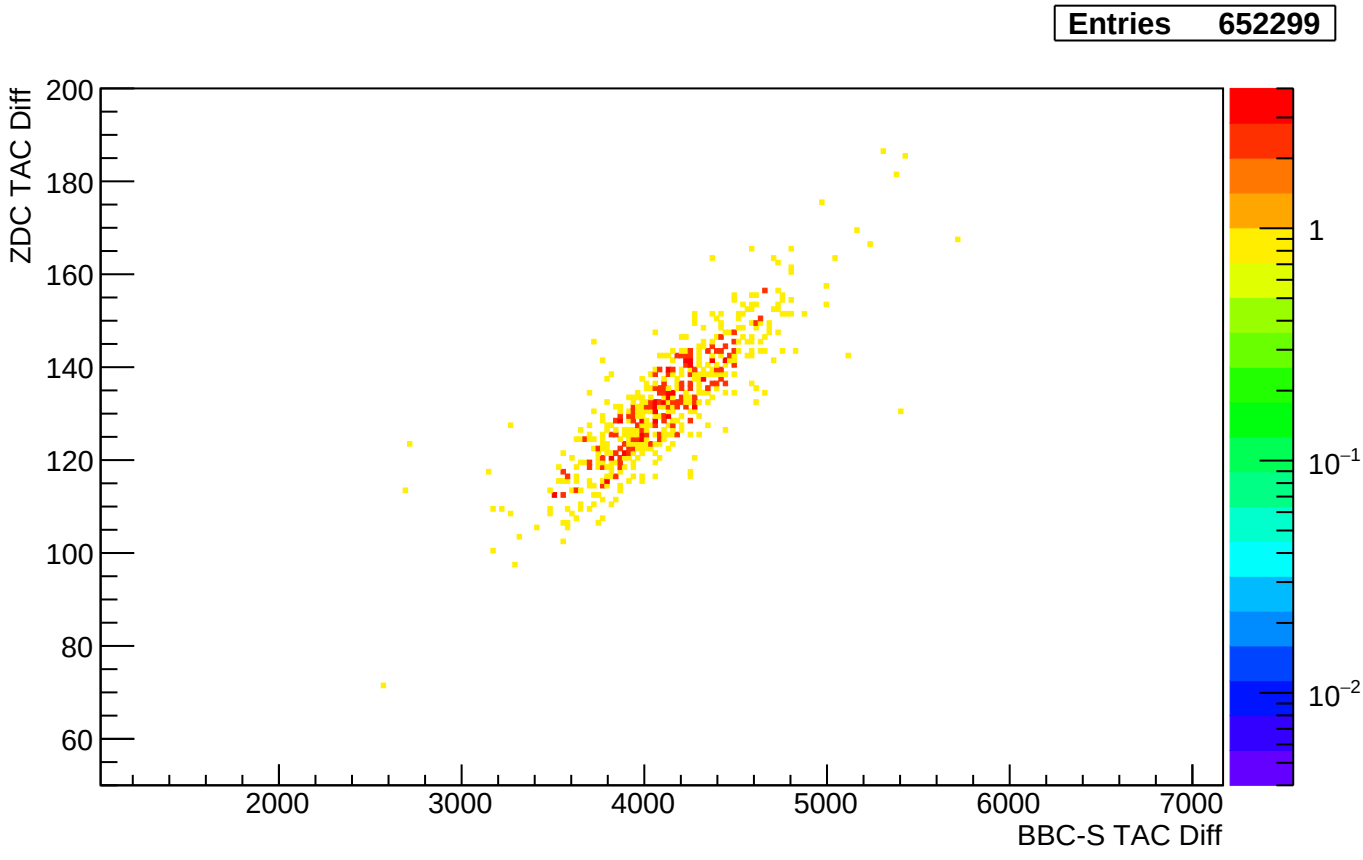

Entries 652299
TOF-Mult
EPD-West Hit Cnt

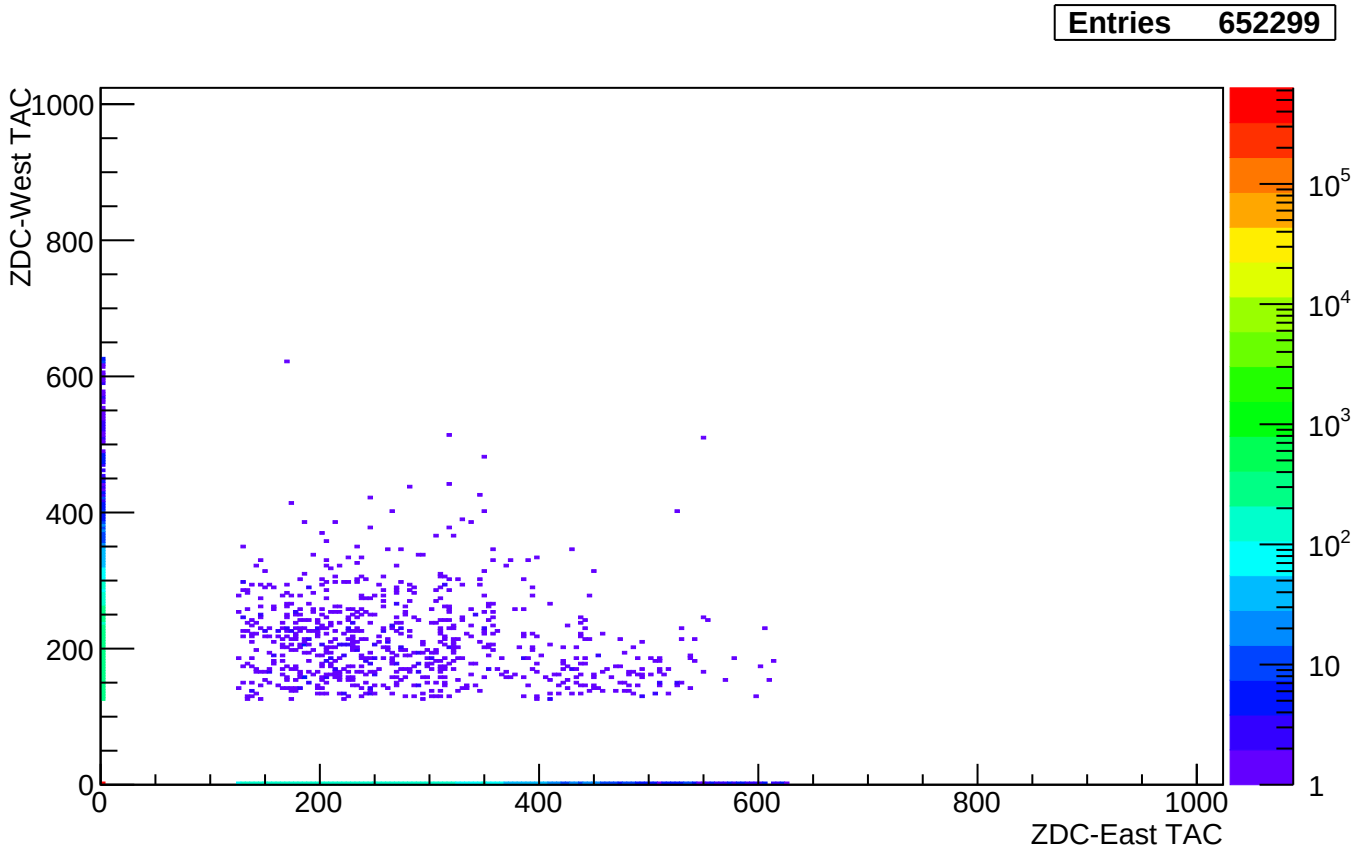

Entries 652299
TOF-Mult
VPD-East ADC Sum

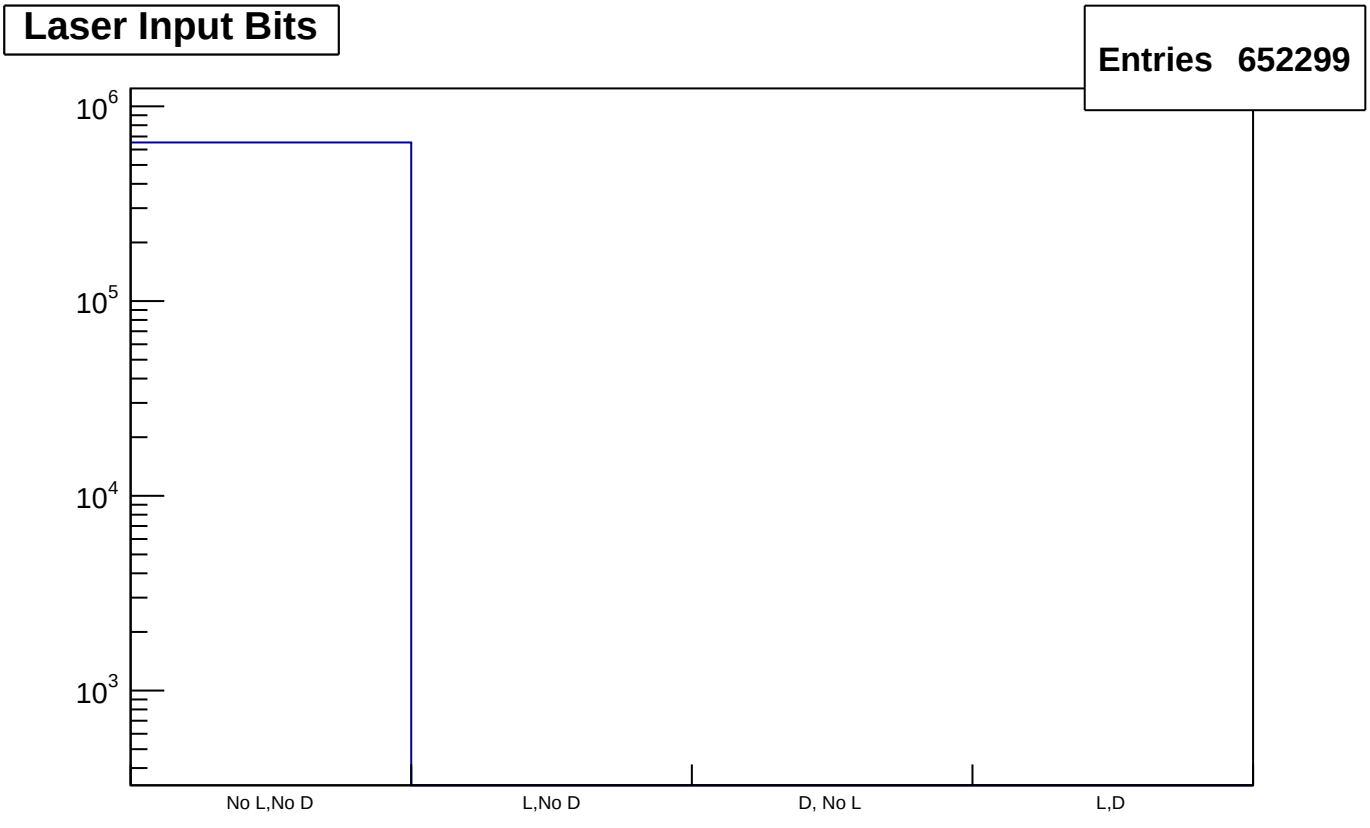

Entries 652299
TOF-Mult
VPD-West ADC Sum

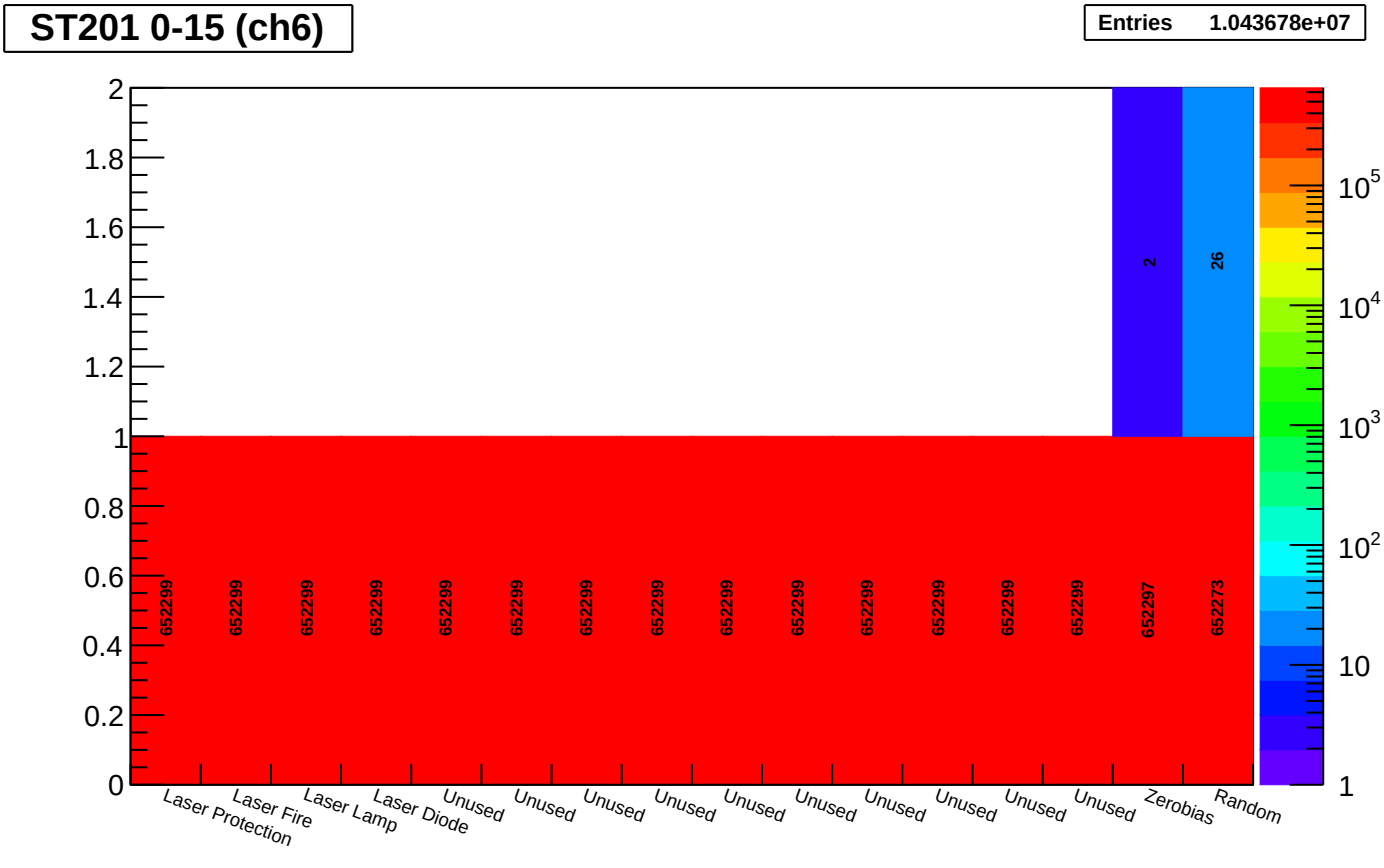

Entries 652299
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 652299
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}

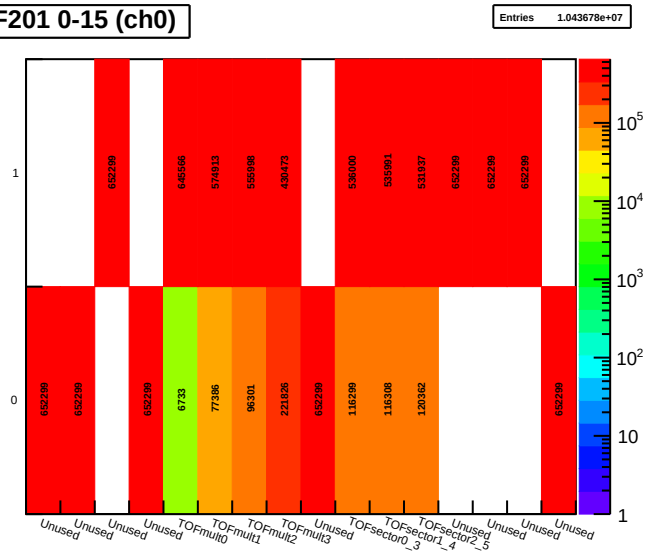

Entries 652299
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}


Entries 652299
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

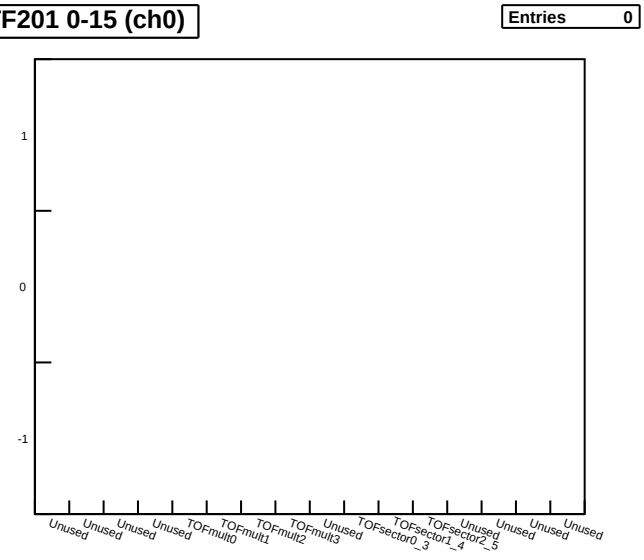

Laser Input Bits
Entries 652299
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.043678e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
652299
652299
652299
652299
652299
652299
652299
652299
652299
652299
652299
652299
652299
652299
652297
652273
2
26
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

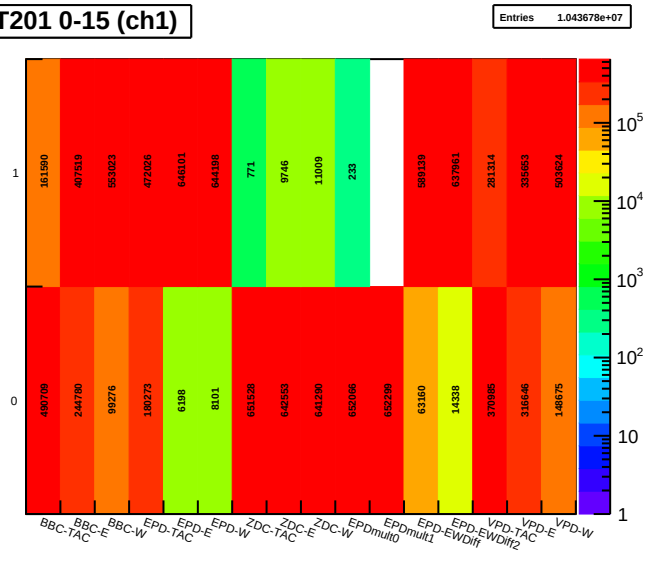
TF201 0-15 (ch0)



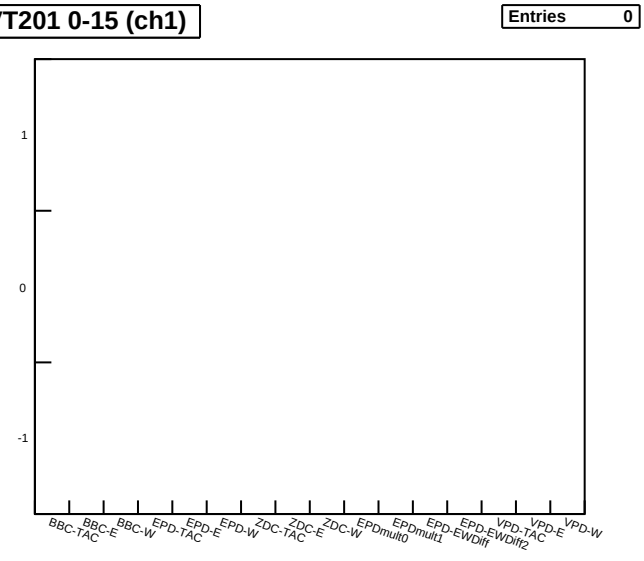
TF201 0-15 (ch0)



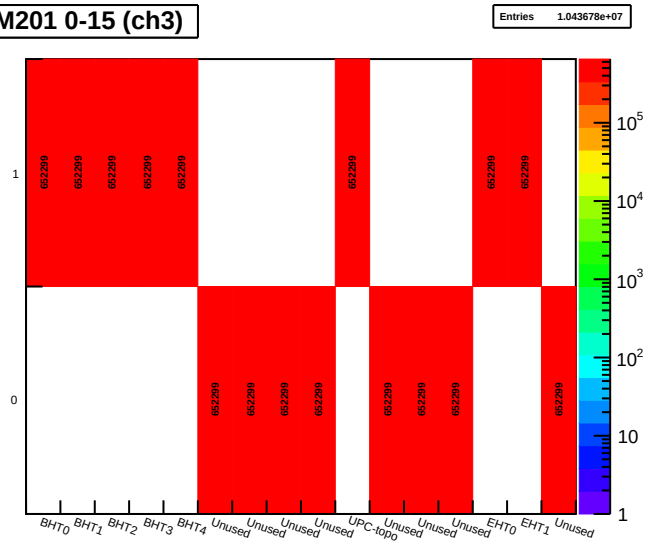
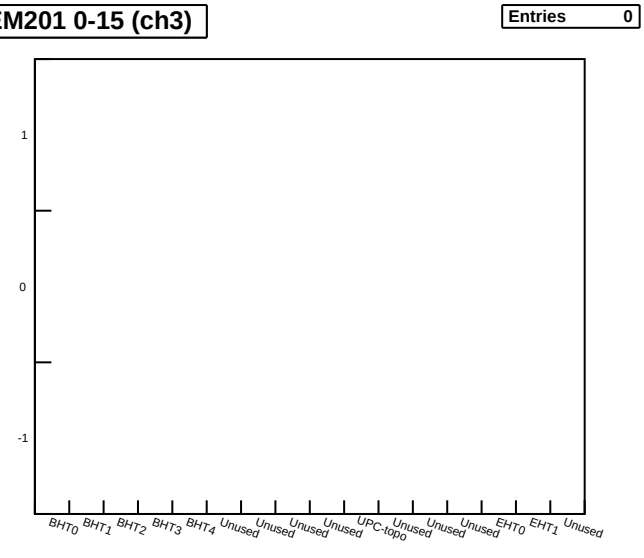
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)