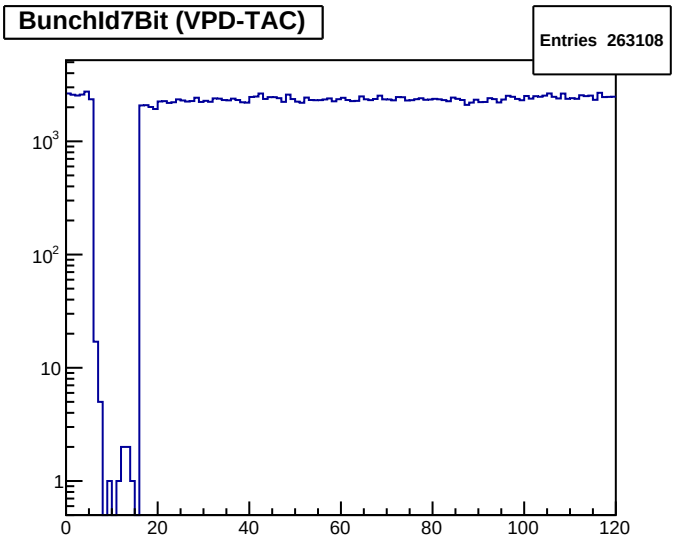
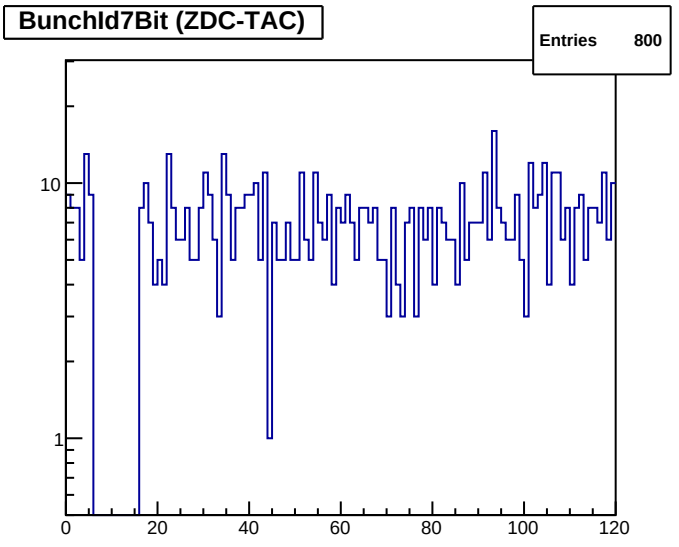
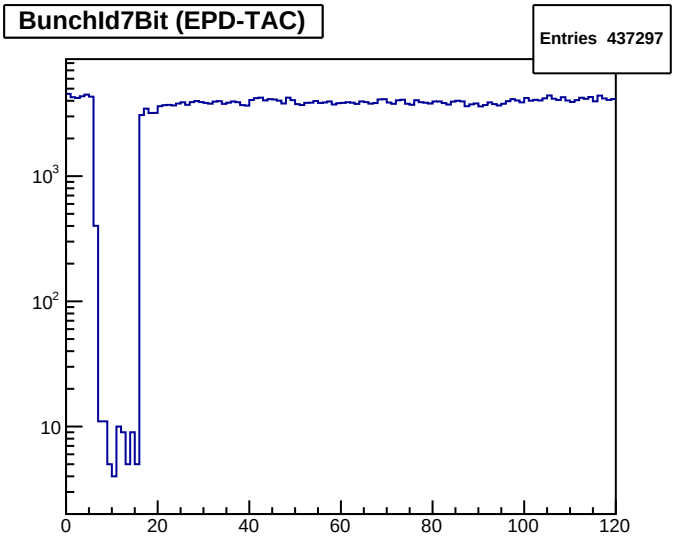
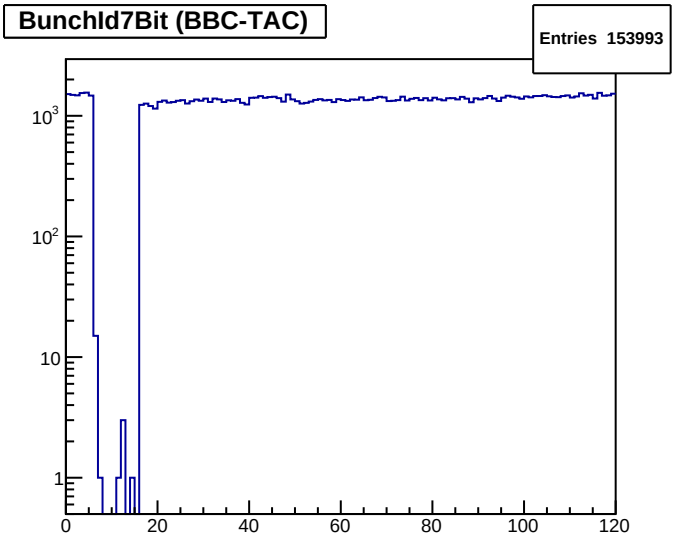
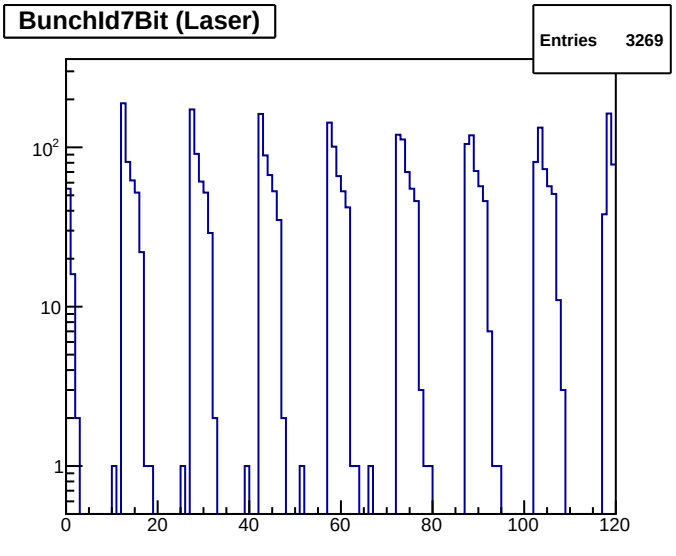
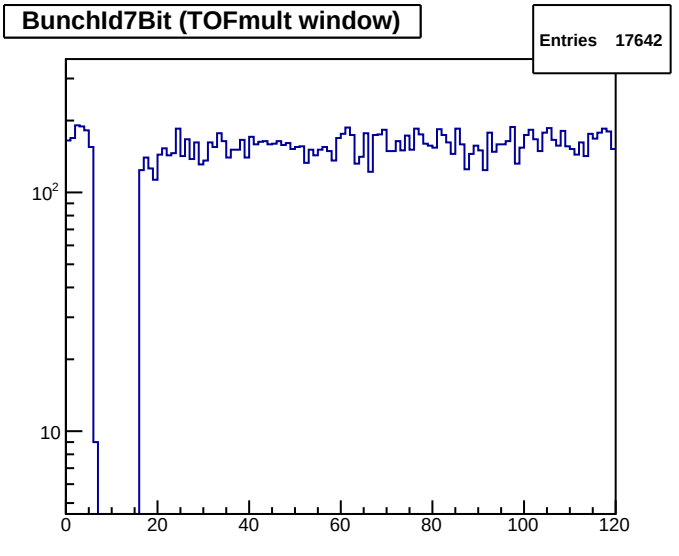

BunchId7Bit (VPD-TAC)
Entries 263108

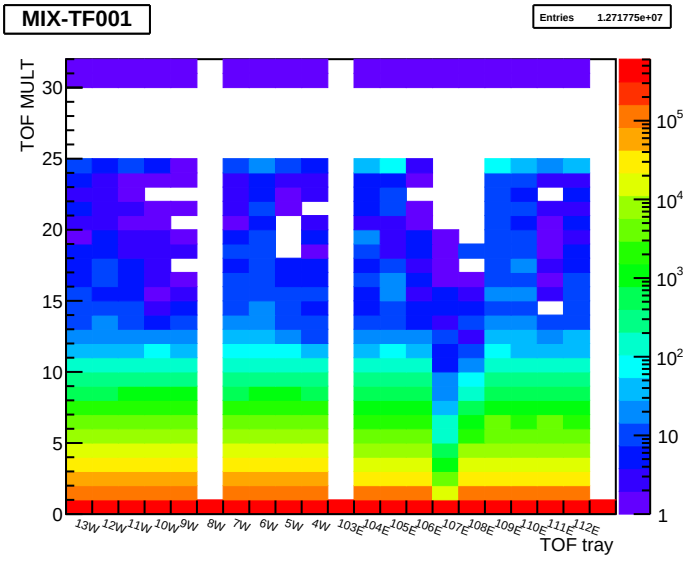

BunchId7Bit (ZDC-TAC)
Entries 800

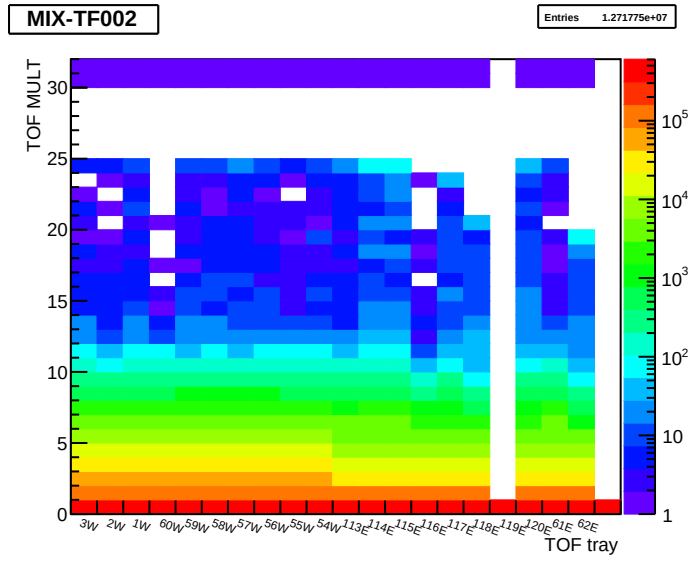

BunchId7Bit (EPD-TAC)
Entries 437297

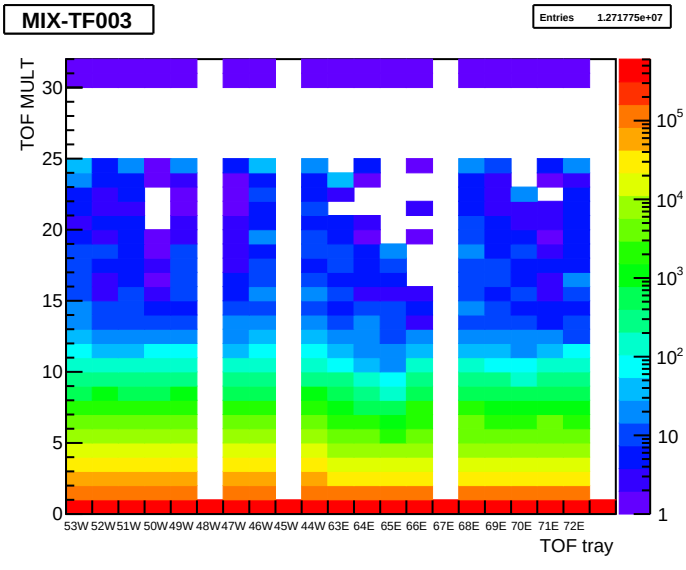

BunchId7Bit (BBC-TAC)
Entries 153993

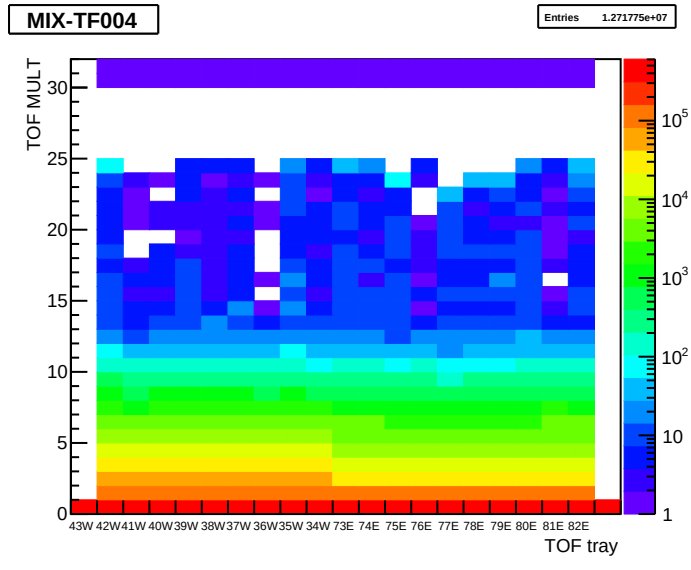

BunchId7Bit (Laser)
Entries 3269

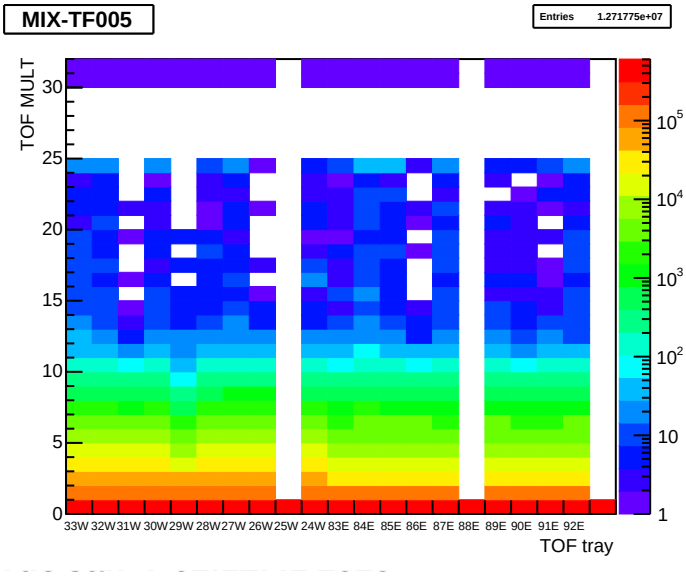

BunchId7Bit (TOFmult window)
Entries 17642

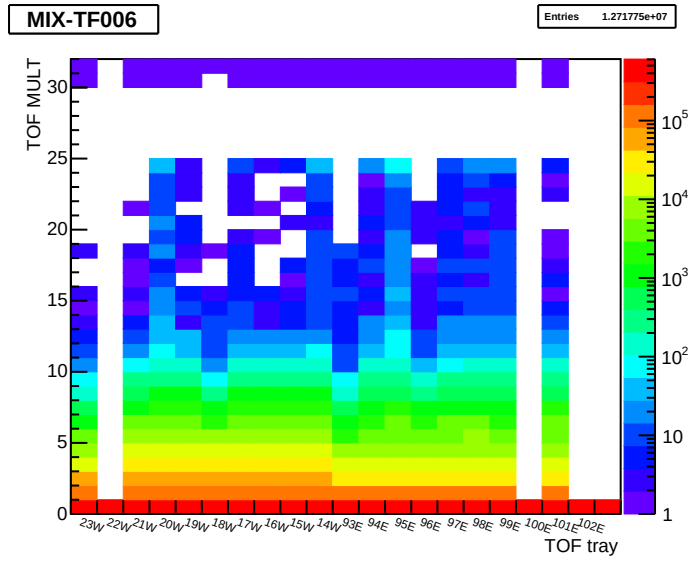

MIX-TF001
Entries 1.271775e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

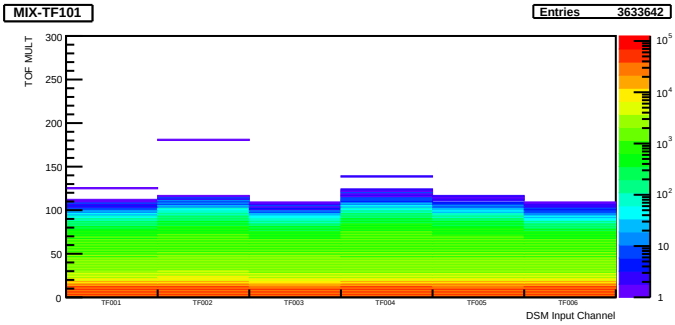

MIX-TF002
Entries 1.271775e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

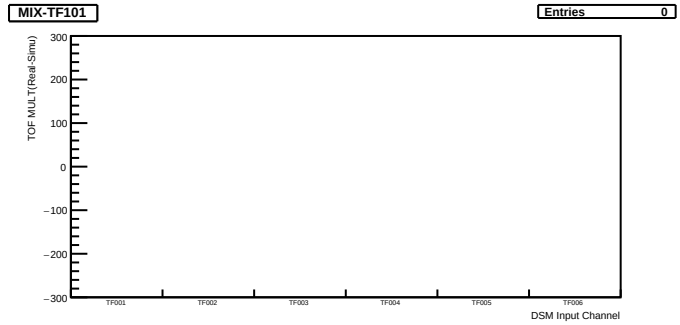

MIX-TF003
Entries 1.271775e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

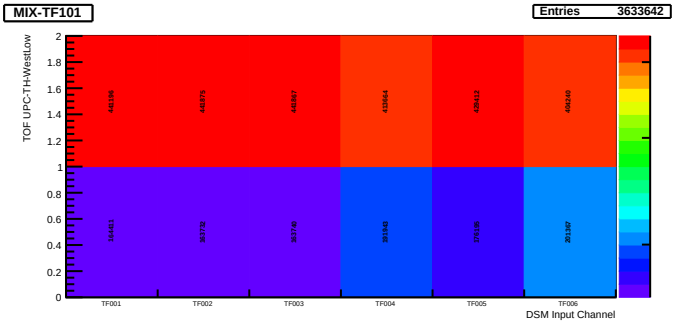

MIX-TF004
Entries 1.271775e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

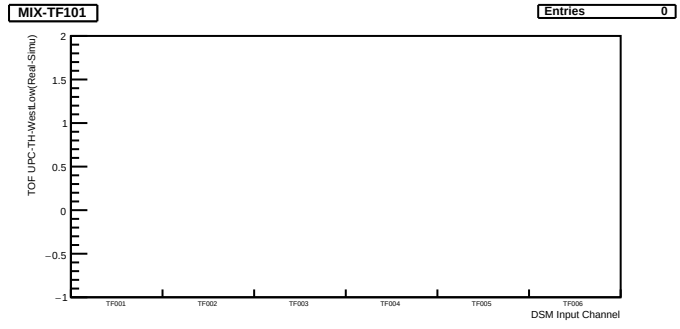

MIX-TF005
Entries 1.271775e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

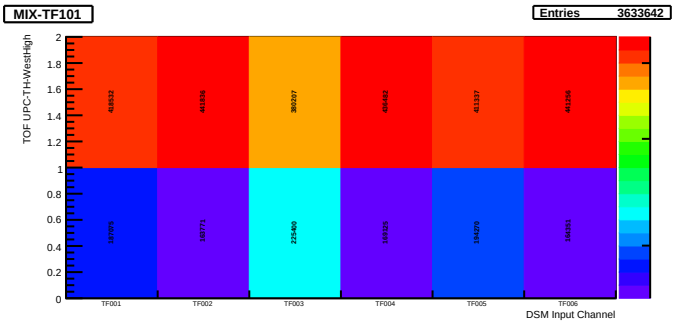

MIX-TF006
Entries 1.271775e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

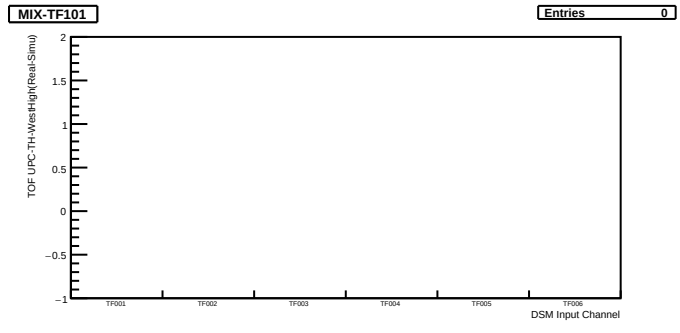

MIX-TF101
Entries 3633642
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

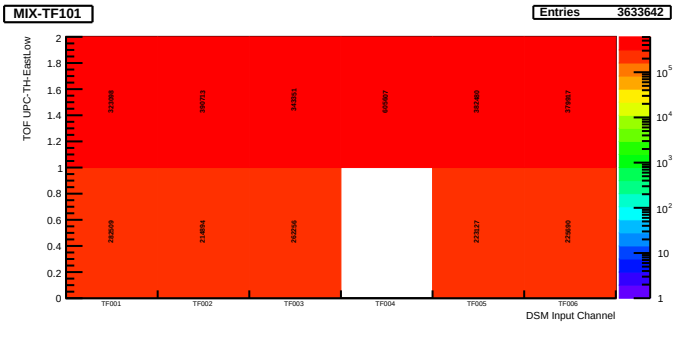

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

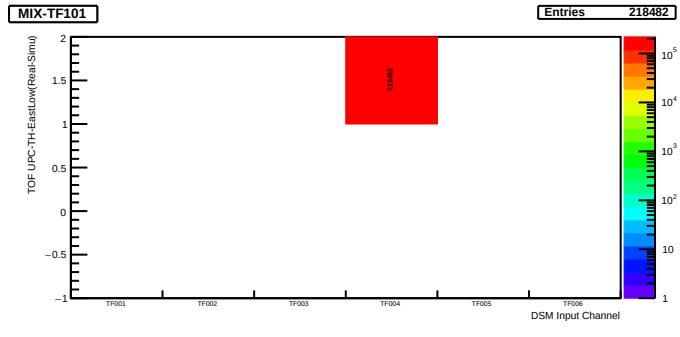

MIX-TF101
Entries 3633642
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

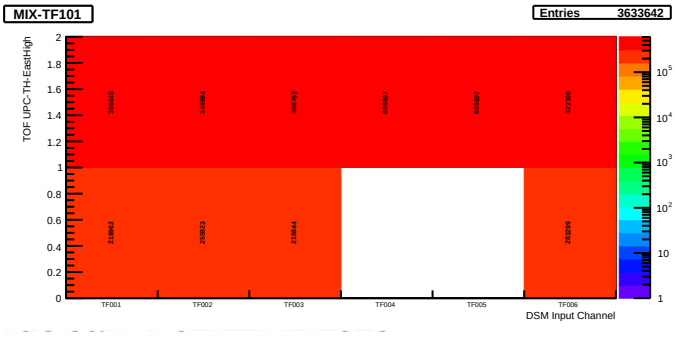

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

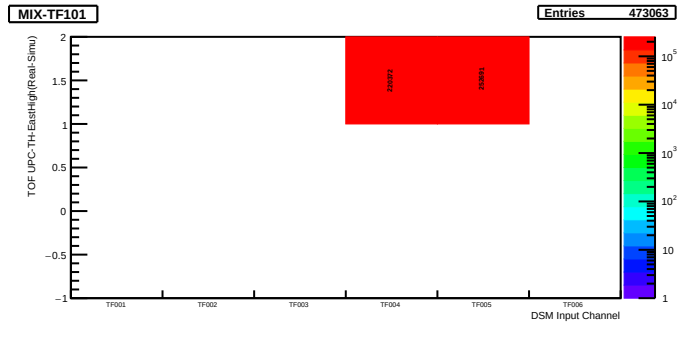

MIX-TF101
Entries 3633642
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

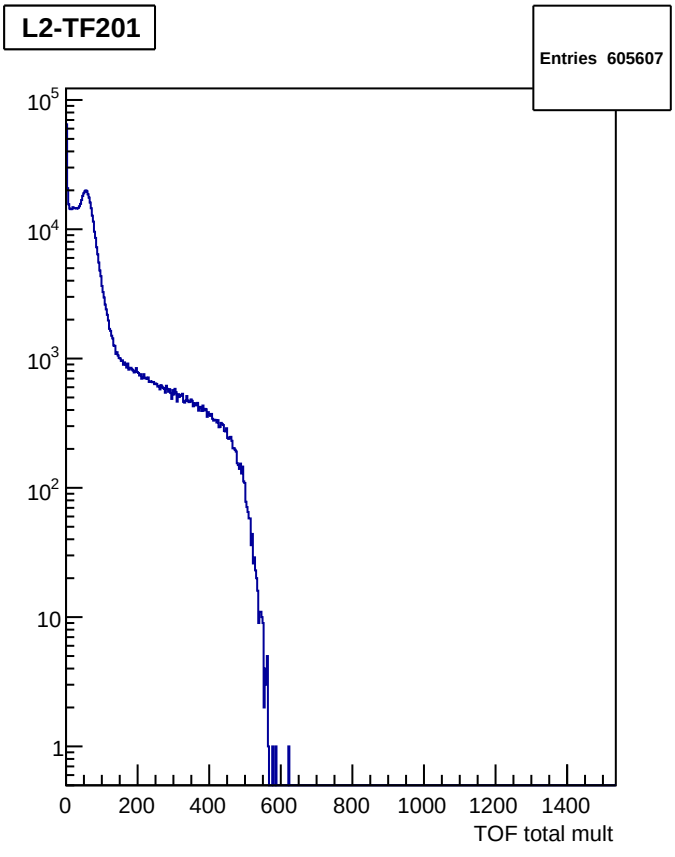

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

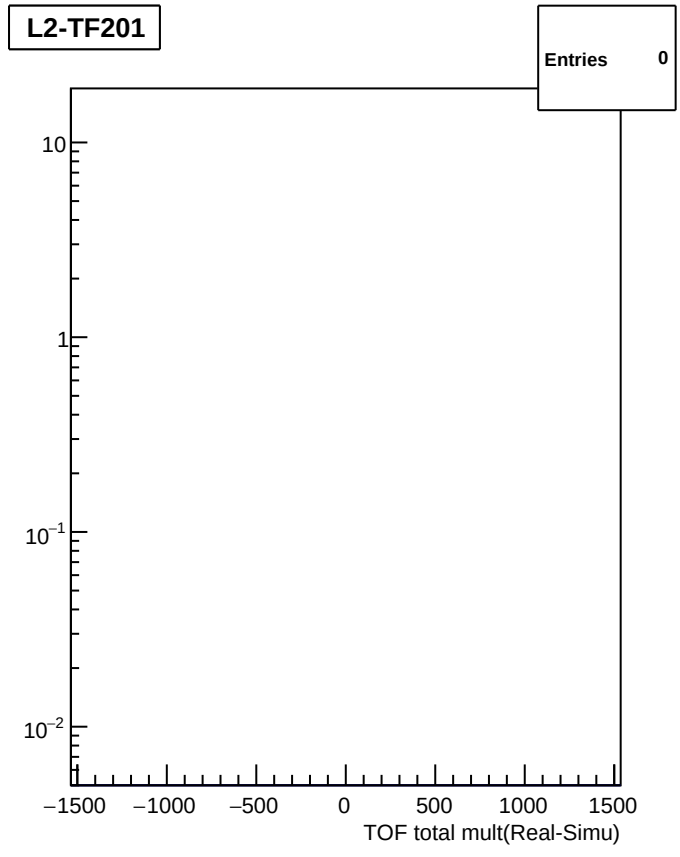

MIX-TF101
Entries 3633642
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

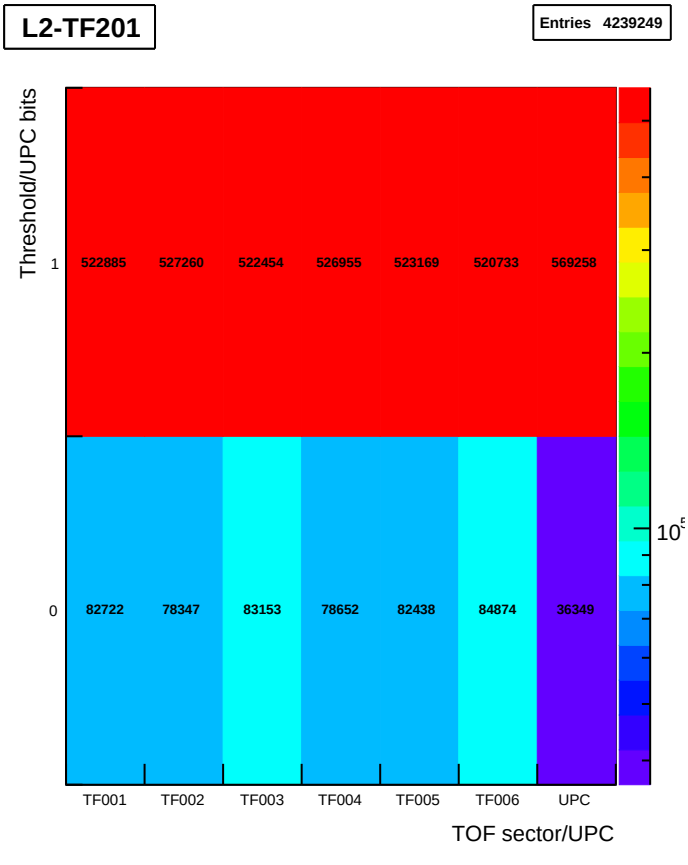

MIX-TF101
Entries 218482
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

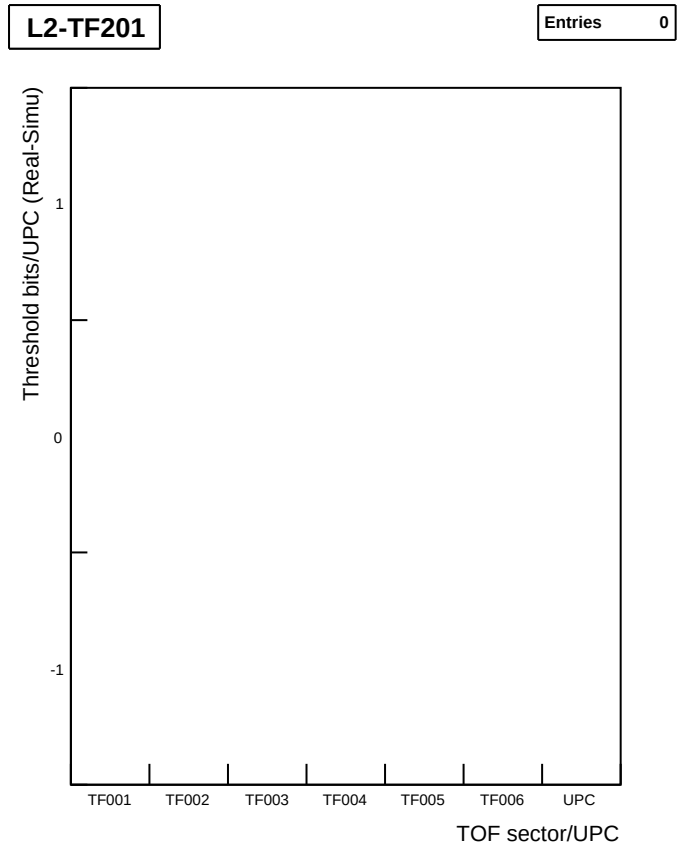

MIX-TF101
Entries 3633642
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

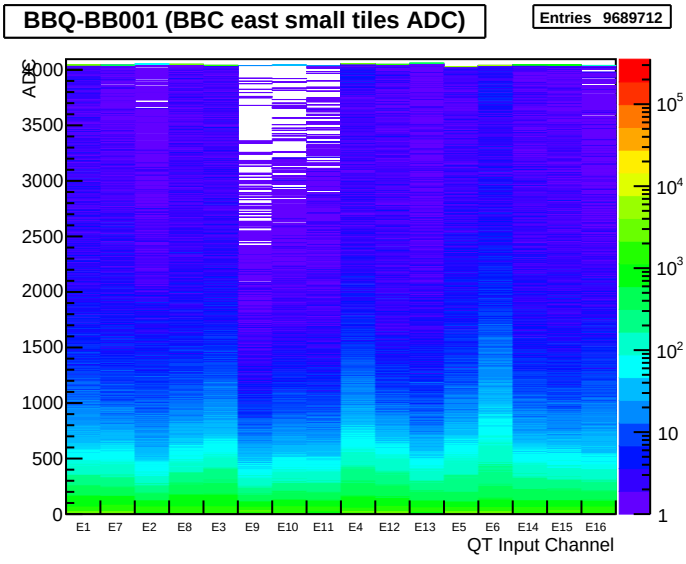

MIX-TF101
Entries 473063
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

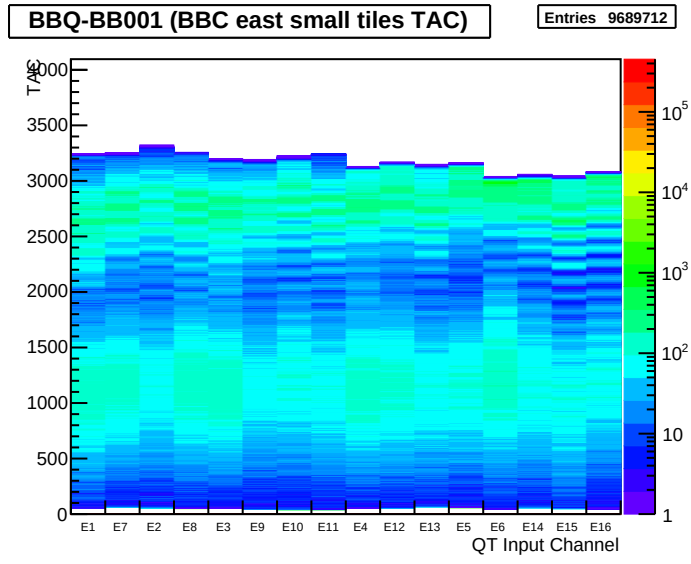

L2-TF201
Entries 605607
TOF total mult

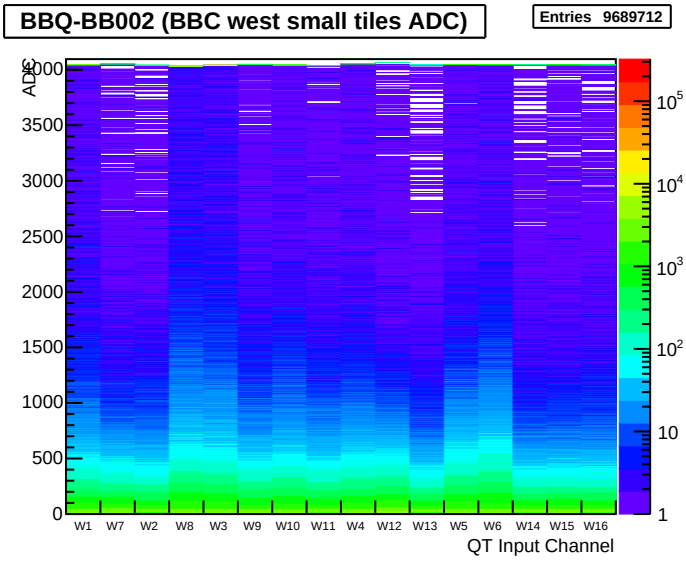

L2-TF201
Entries 0
TOF total mult(Real-Simu)

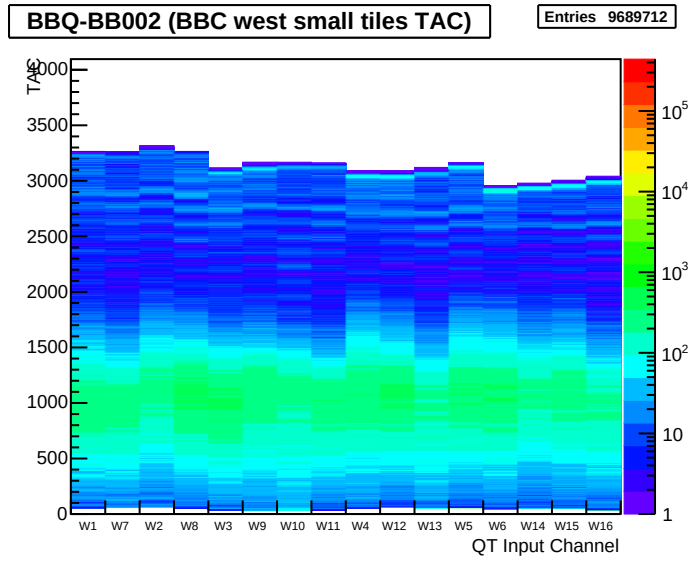

L2-TF201
Entries 4239249
Threshold/UPC bits
522885 527260 522454 526955 523169 520733 569258
82722 78347 83153 78652 82438 84874 36349
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

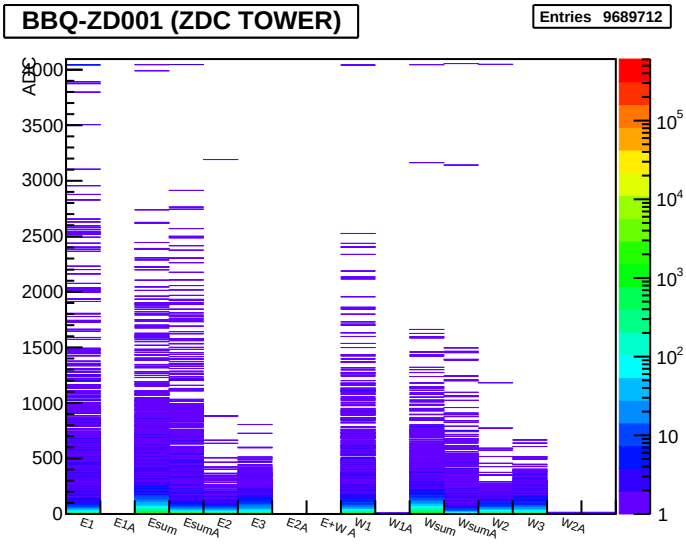

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

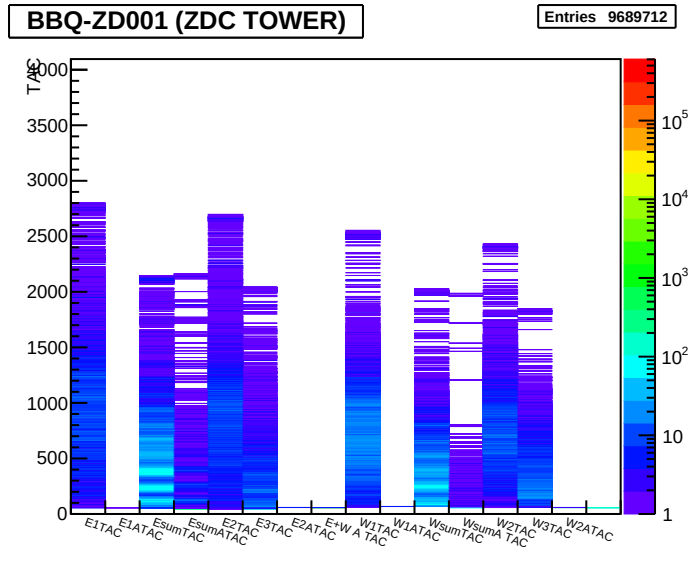

BBQ-BB001 (BBC east small tiles ADC)
Entries 9689712
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

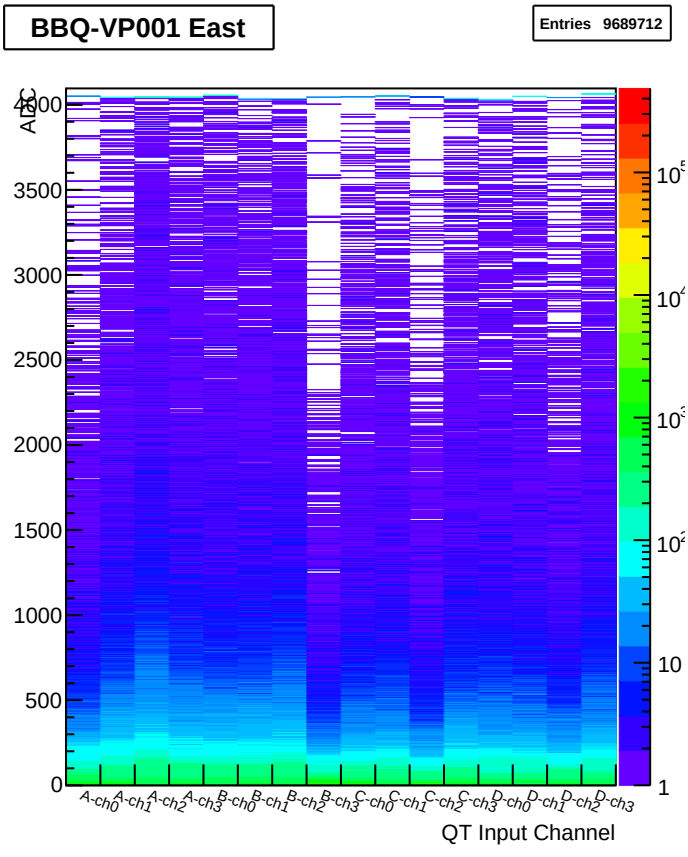

BBQ-BB001 (BBC east small tiles TAC)
Entries 9689712
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

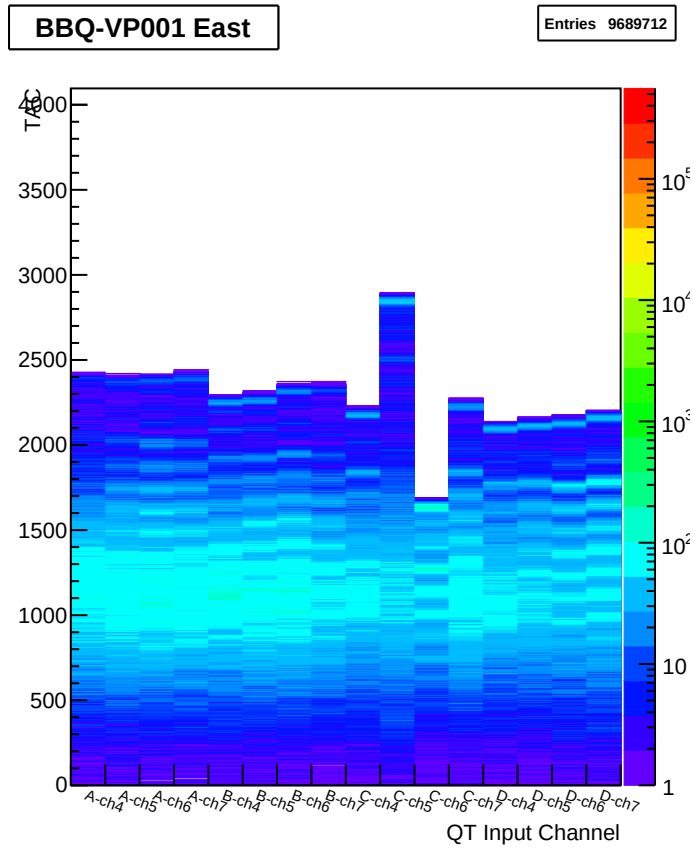

BBQ-BB002 (BBC west small tiles ADC)
Entries 9689712
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

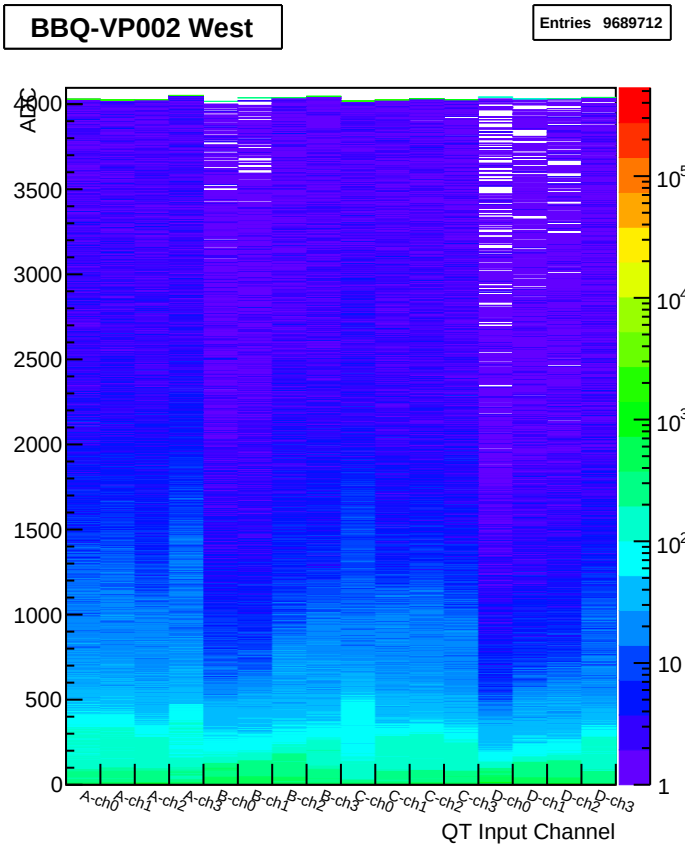

BBQ-BB002 (BBC west small tiles TAC)
Entries 9689712
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

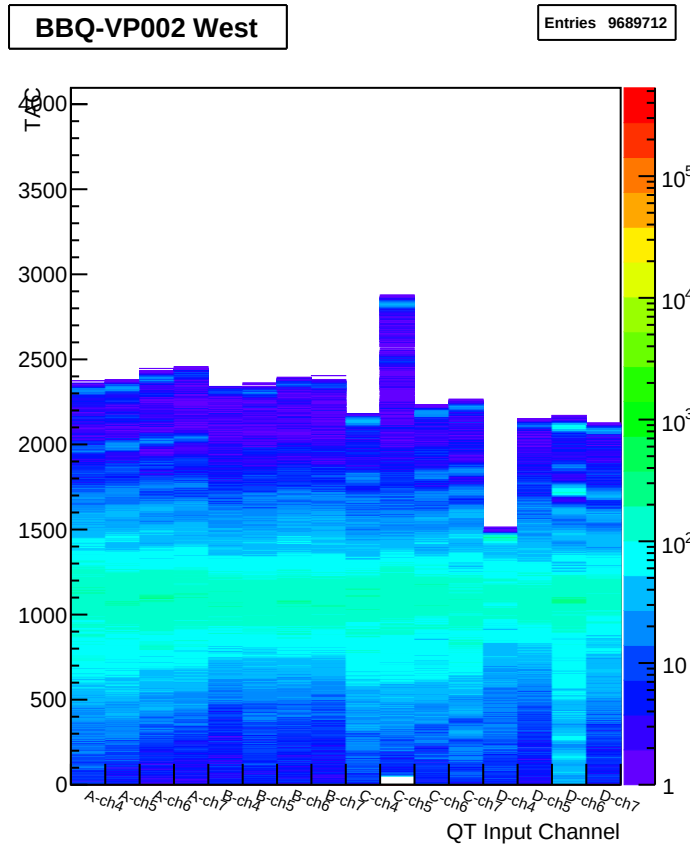

BBQ-ZD001 (ZDC TOWER)
Entries 9689712
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

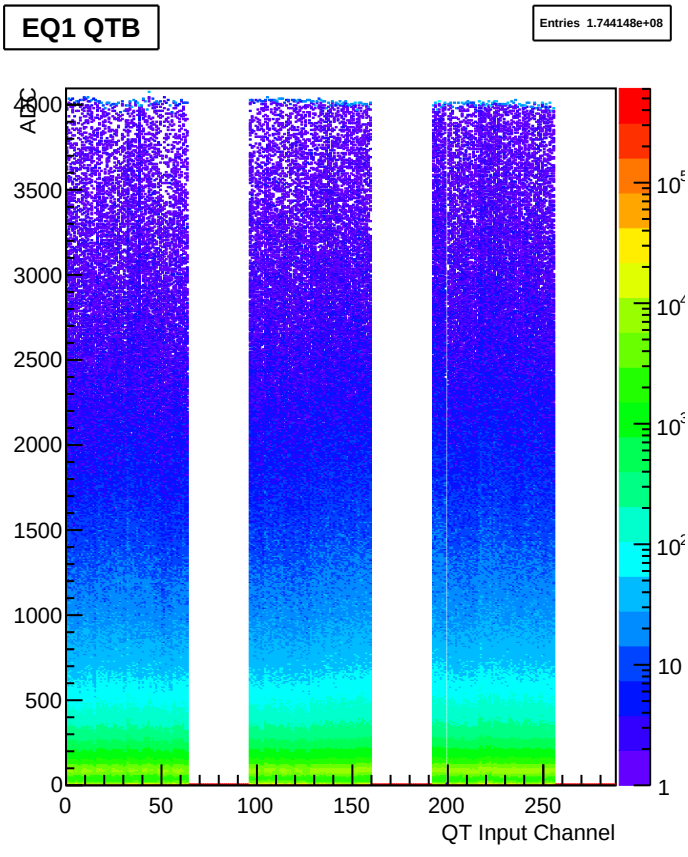

BBQ-ZD001 (ZDC TOWER)
Entries 9689712
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

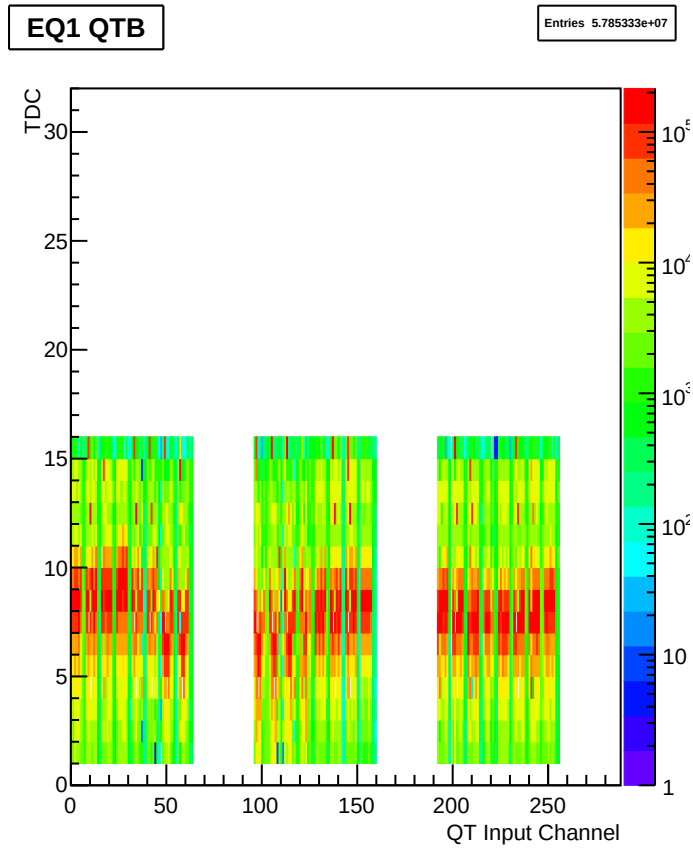

BBQ-VP001 East
Entries 9689712
ADC
QT Input Channel

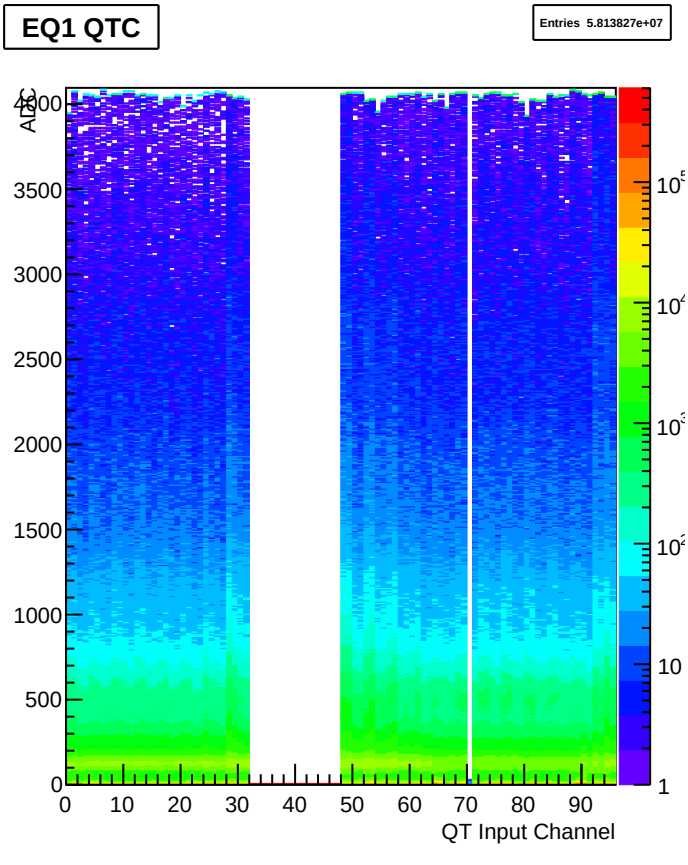

BBQ-VP001 East
Entries 9689712
ADC
QT Input Channel

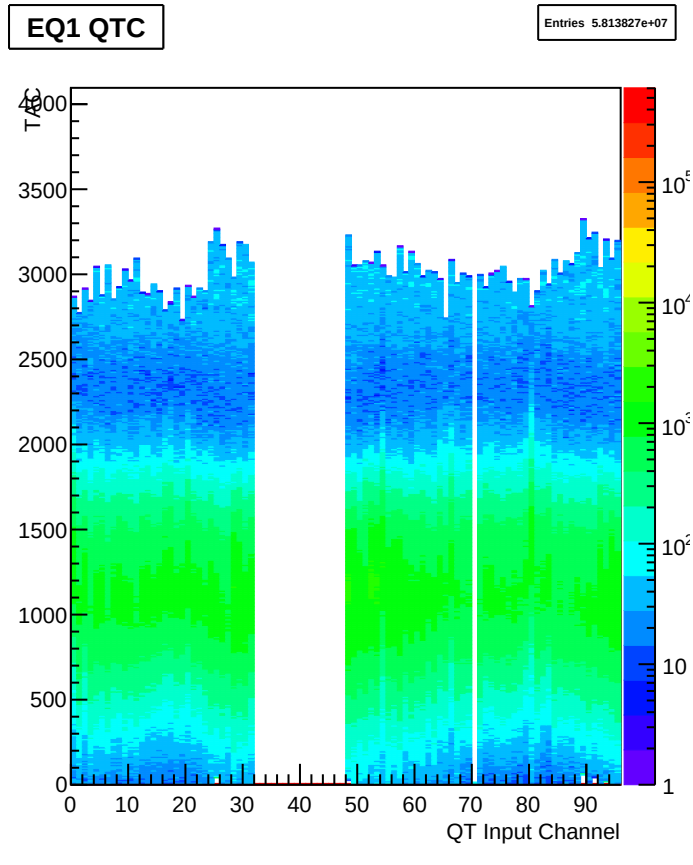

BBQ-VP002 West
Entries 9689712
ADC
QT Input Channel

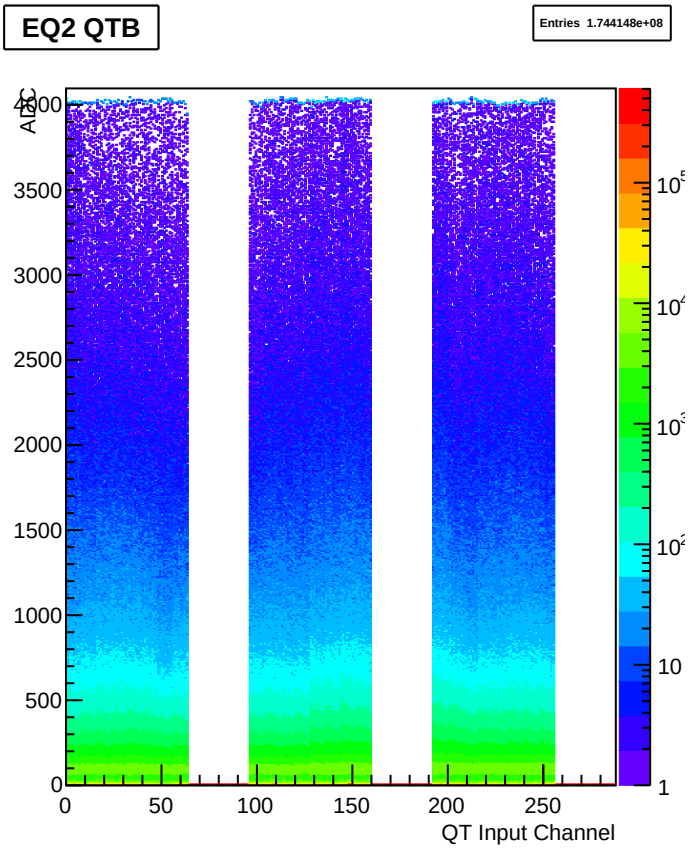

BBQ-VP002 West
Entries 9689712
ADC
QT Input Channel

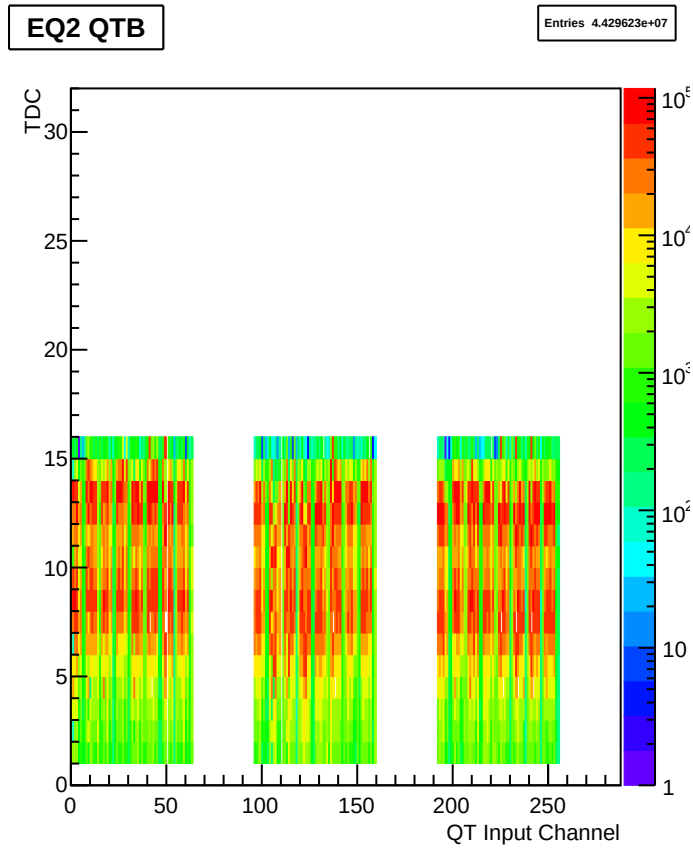

EQ1 QTB
Entries 1.744148e+08
ADC
QT Input Channel

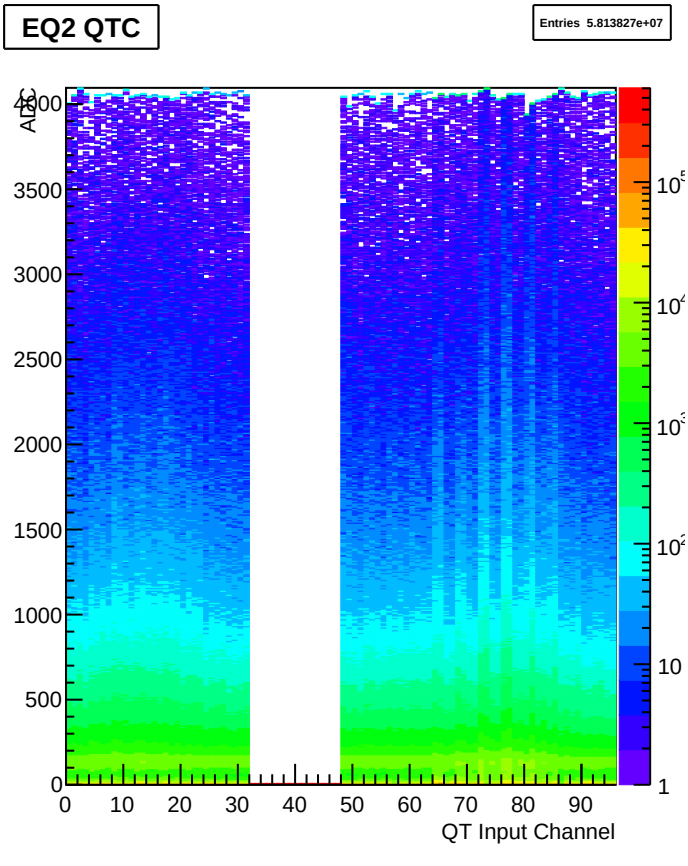

EQ1 QTB
Entries 5.785333e+07
TDC
QT Input Channel

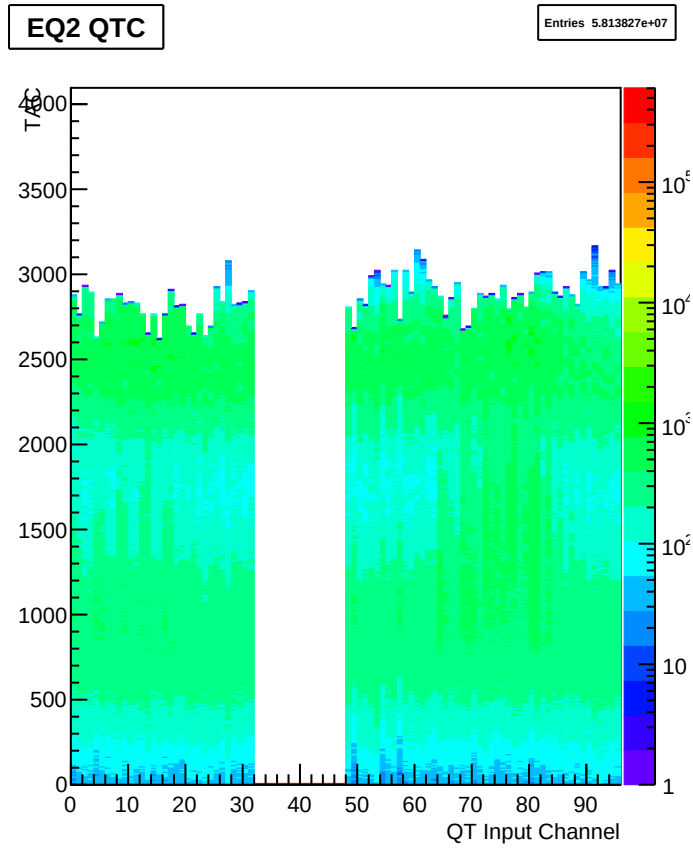

EQ1 QTC
Entries 5.813827e+07
ADC
QT Input Channel

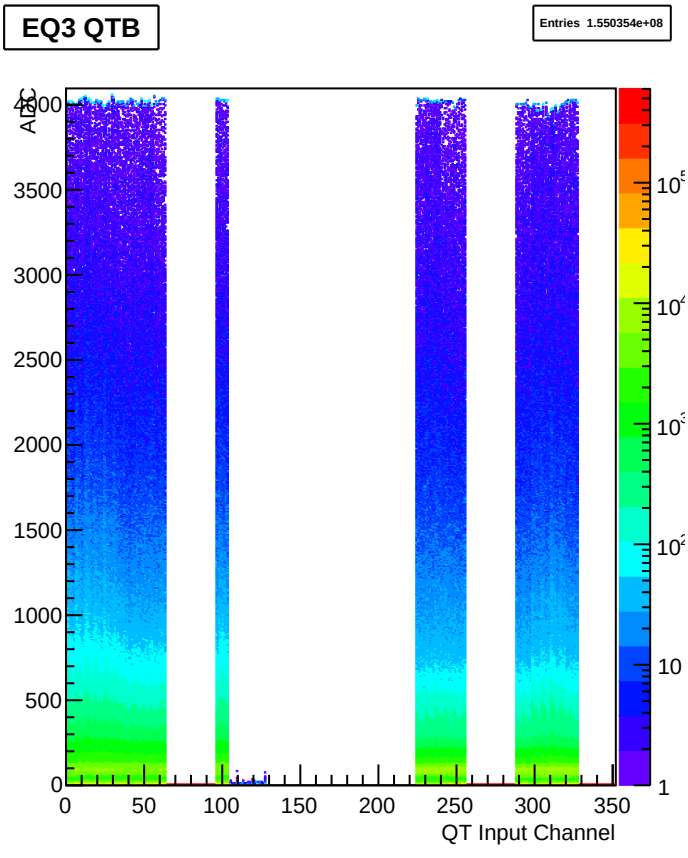

EQ1 QTC
Entries 5.813827e+07
TADC
QT Input Channel

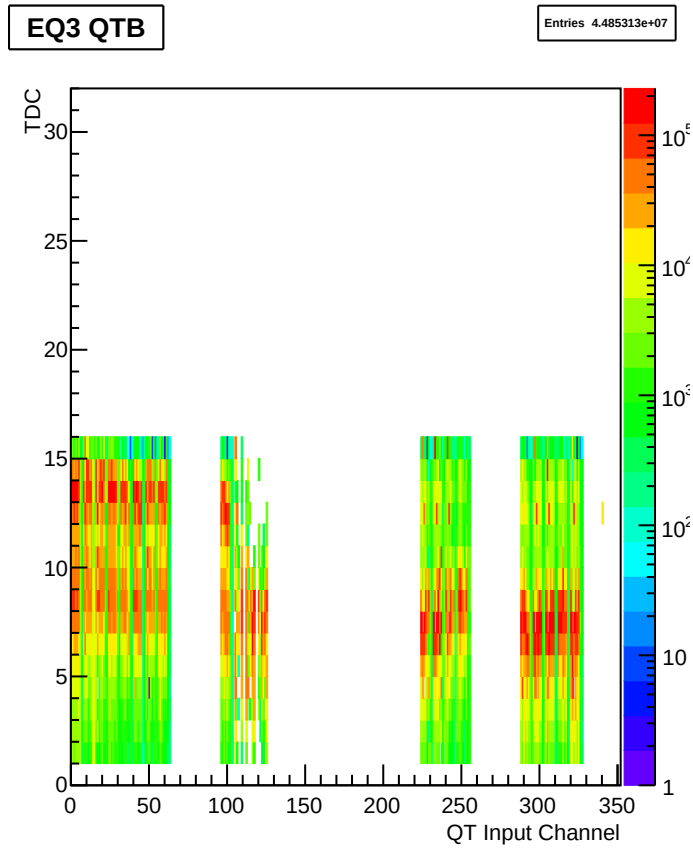

EQ2 QTB
Entries 1.744148e+08
ADC
QT Input Channel

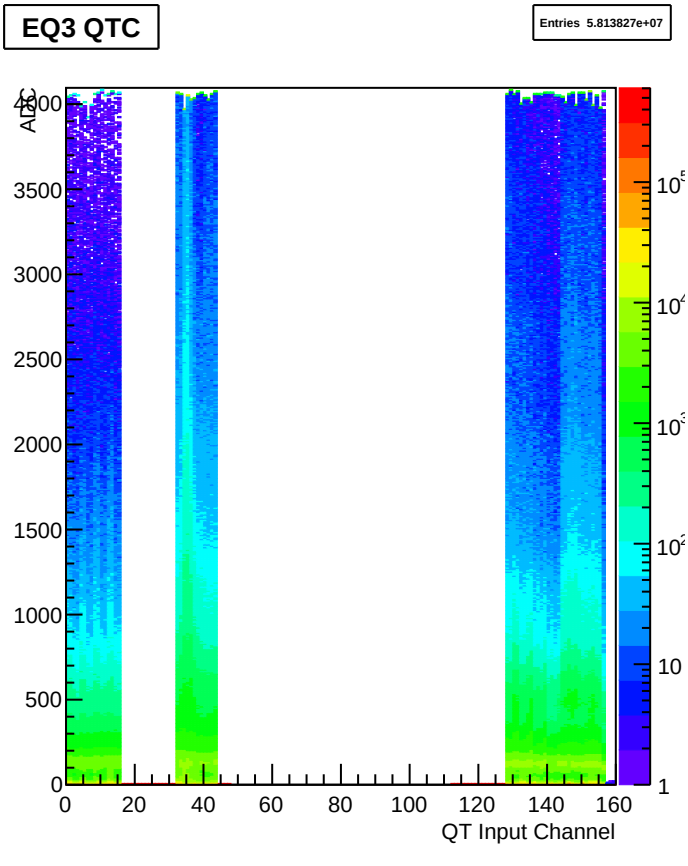

EQ2 QTB
Entries 4.429623e+07
TDC
QT Input Channel

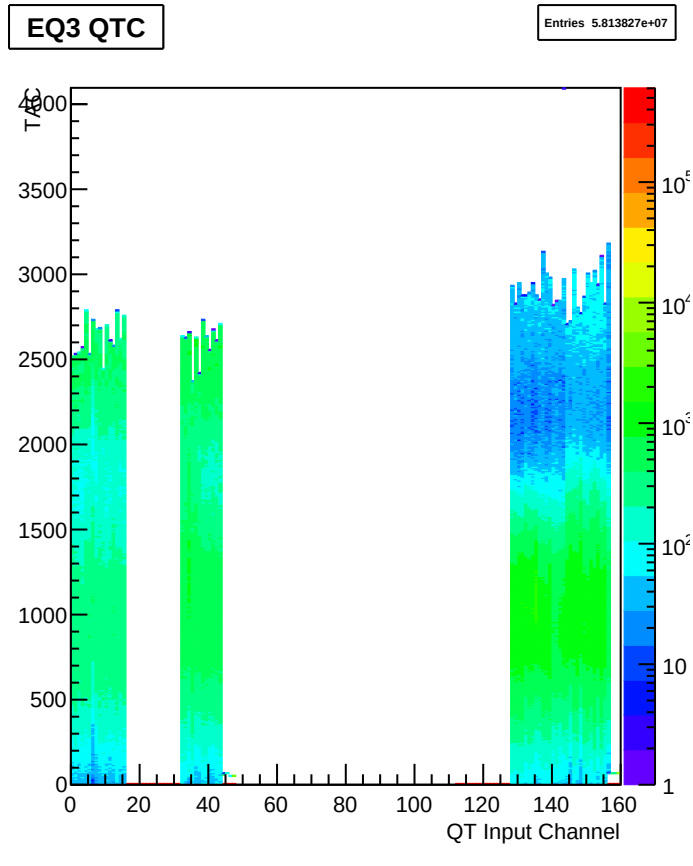

EQ2 QTC
Entries 5.813827e+07
ADC
QT Input Channel

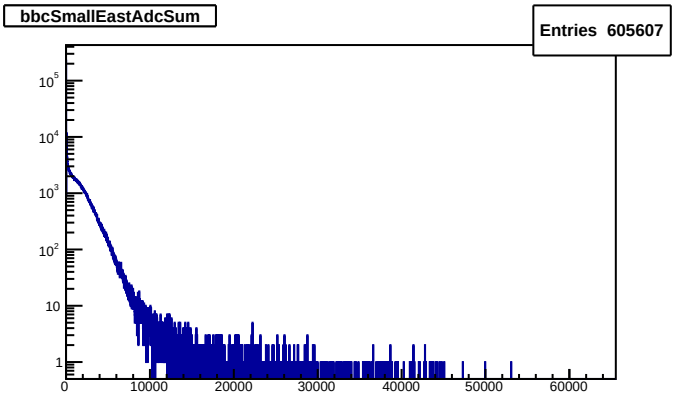

EQ2 QTC
Entries 5.813827e+07
TADC
QT Input Channel

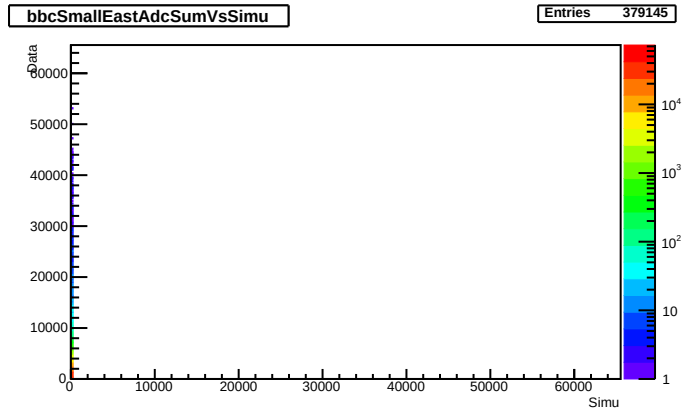

EQ3 QTB
Entries 1.550354e+08
ADC
QT Input Channel

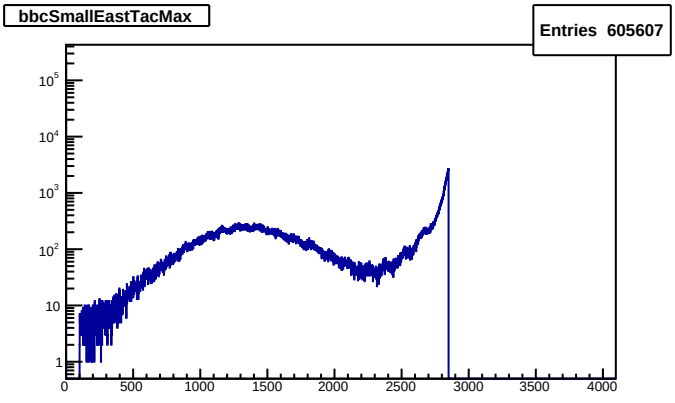

EQ3 QTB
Entries 4.485313e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.813827e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.813827e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 605607


bbcSmallEastAdcSumVsSimu
Entries 379145
Data
Simu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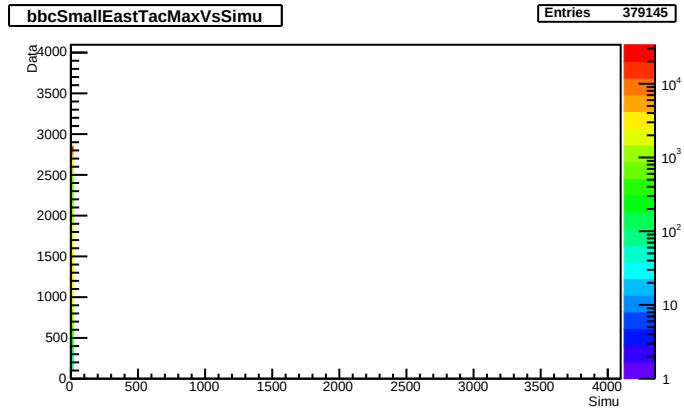
Entries 605607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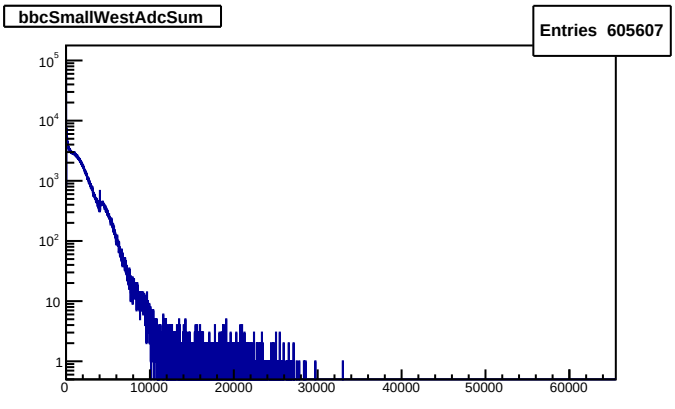
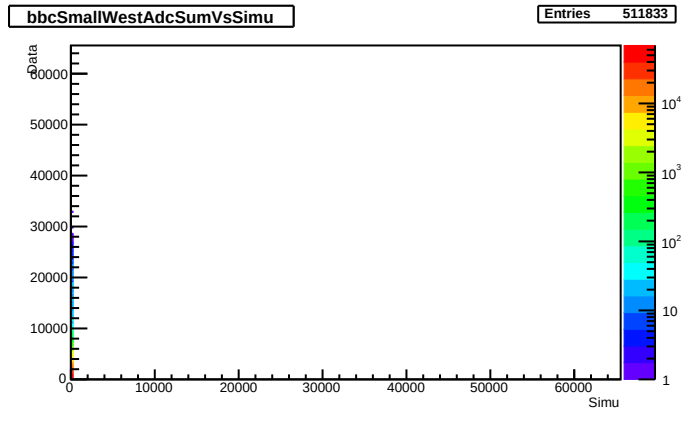

bbcSmallWestAdcSum
Entries 605607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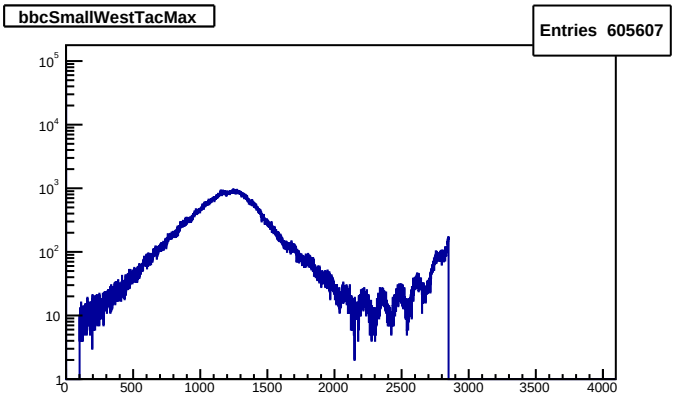
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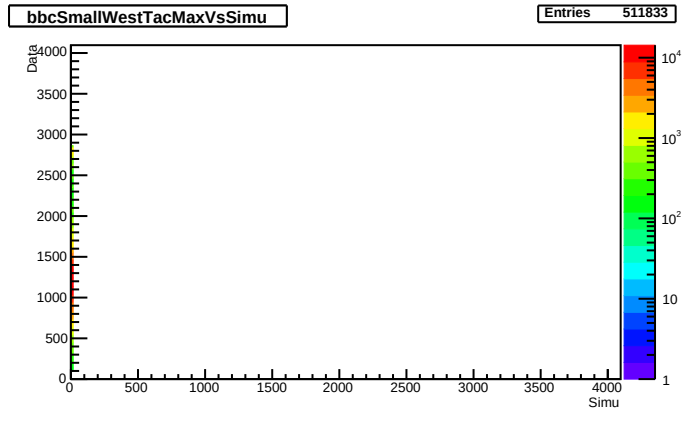
Entries 605607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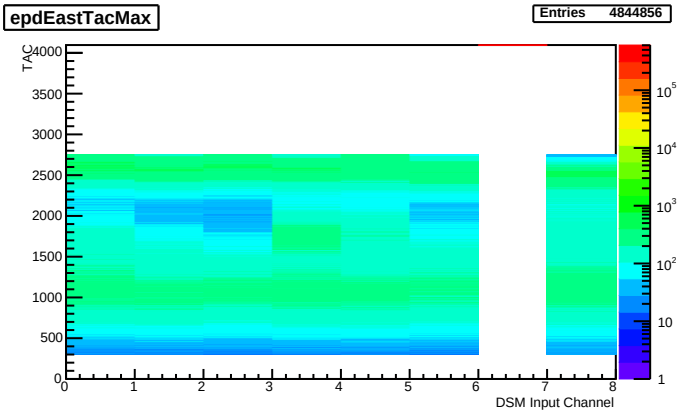
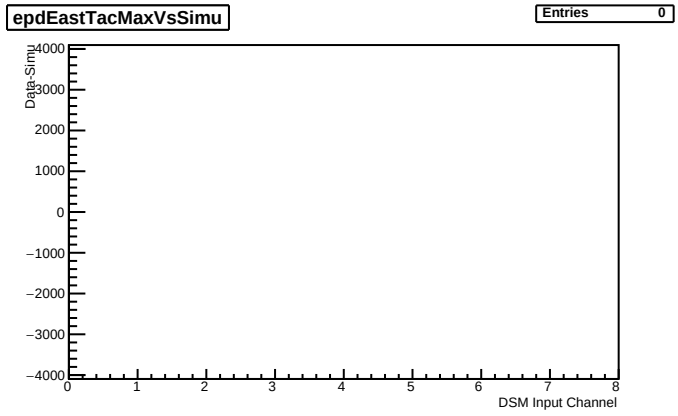
Simu


epdEastTacMax
Entries 4844856
TAC
DSM Input Channel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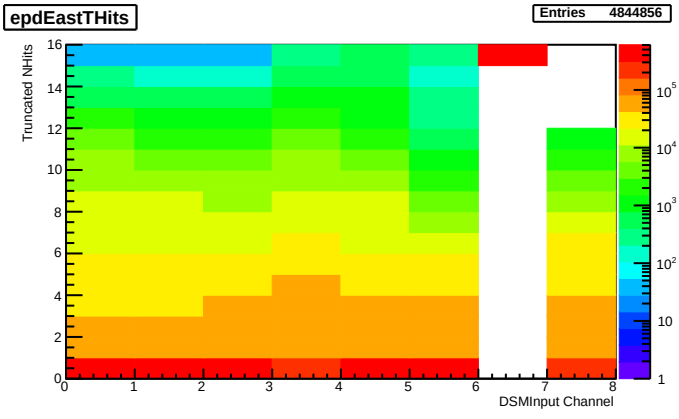
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4844856
Truncated NHits
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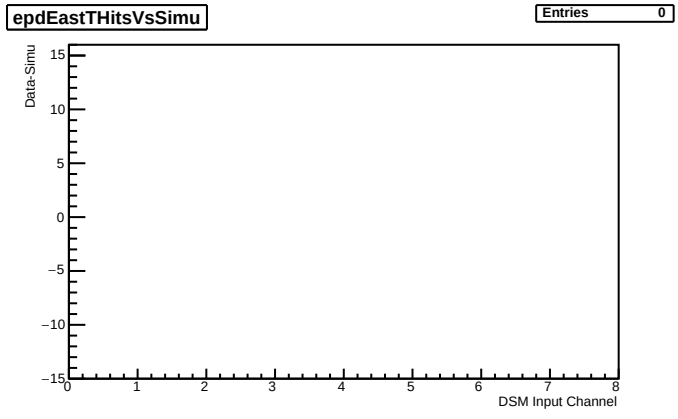
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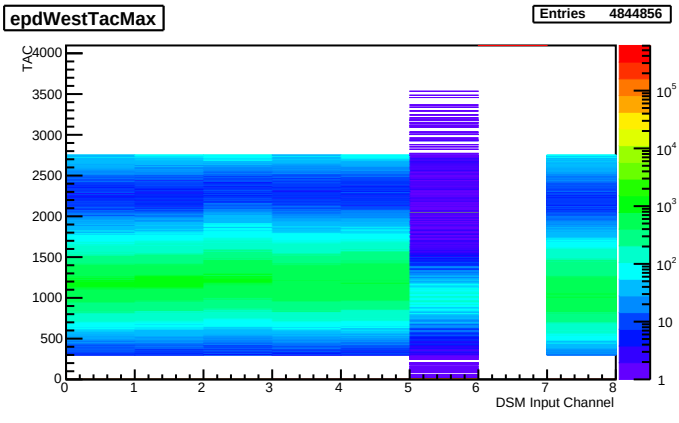
DSM Input Channel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Entries 4844856
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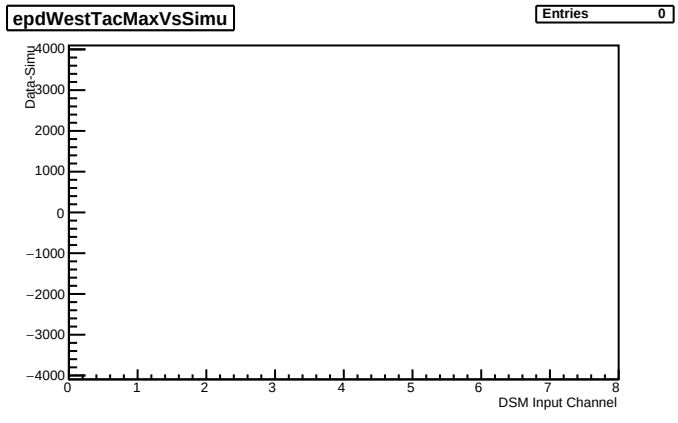
DSM Input Channel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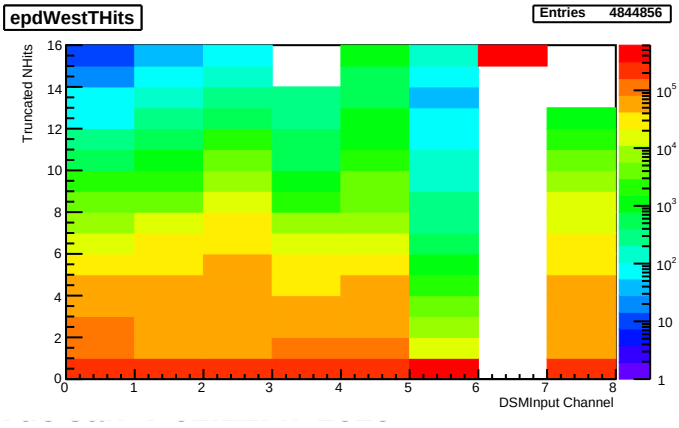
DSM Input Channel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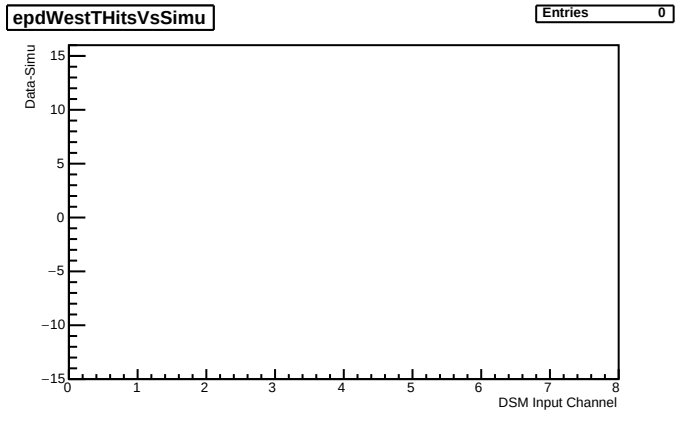
Truncated NHits
DSMInput Channel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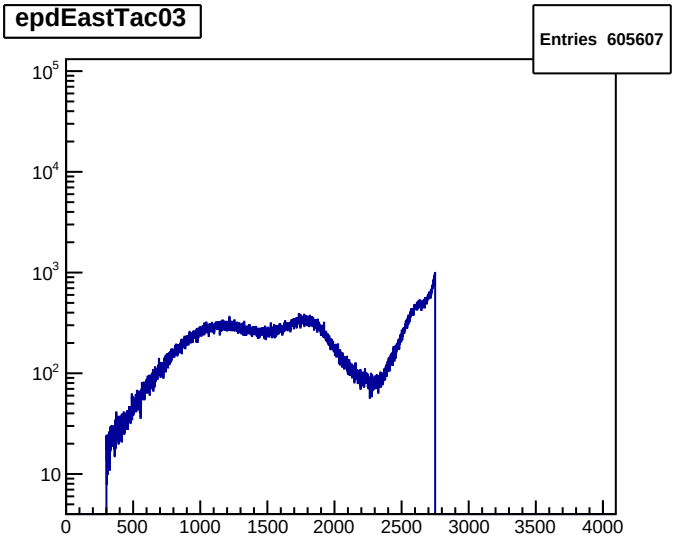
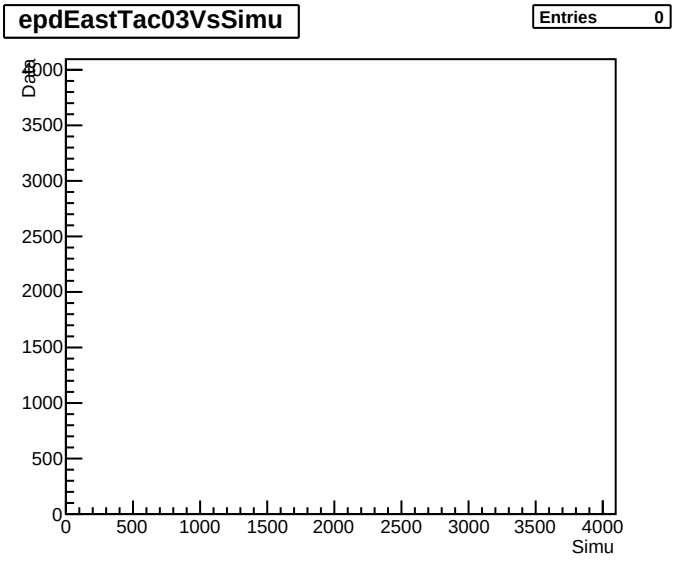
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 605607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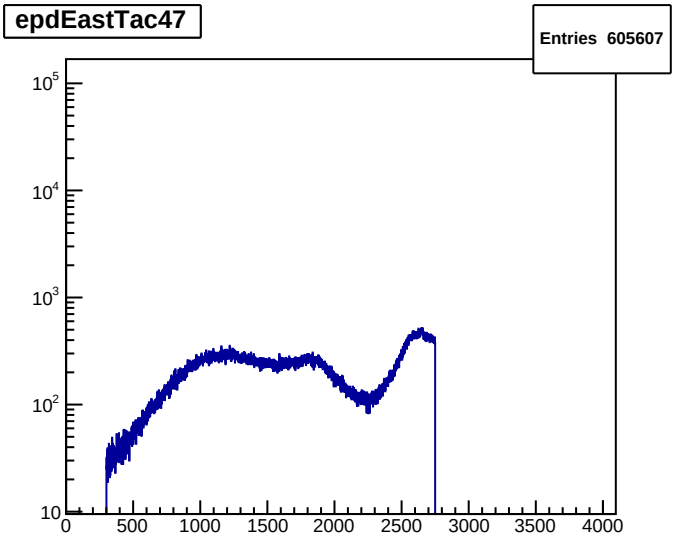
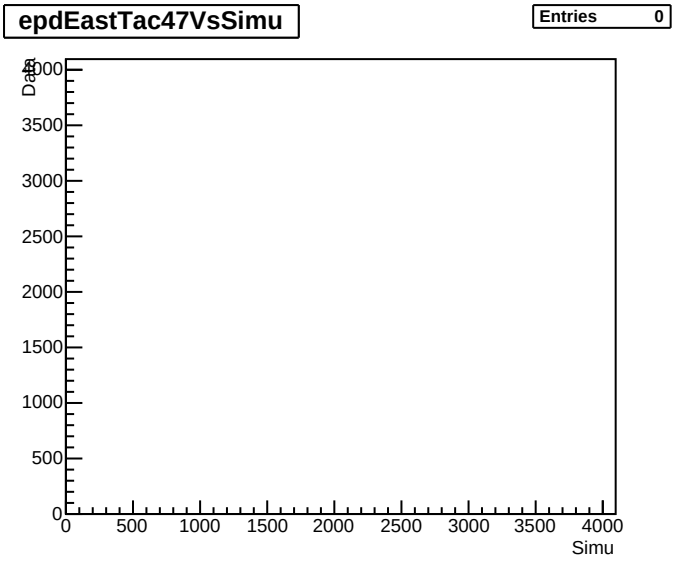
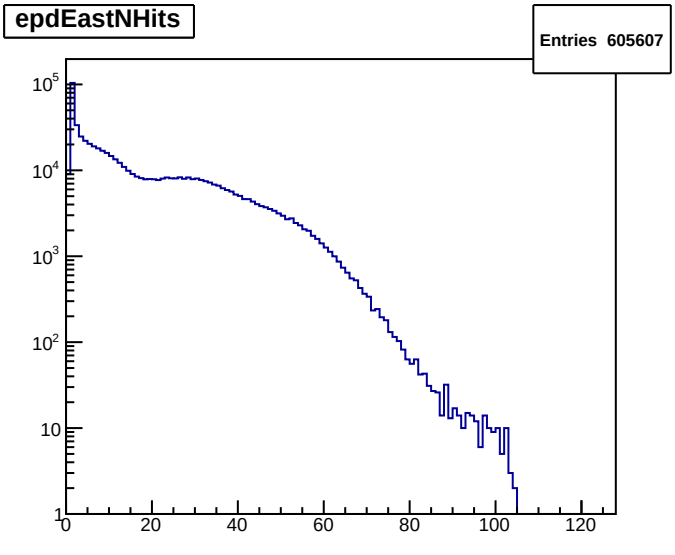
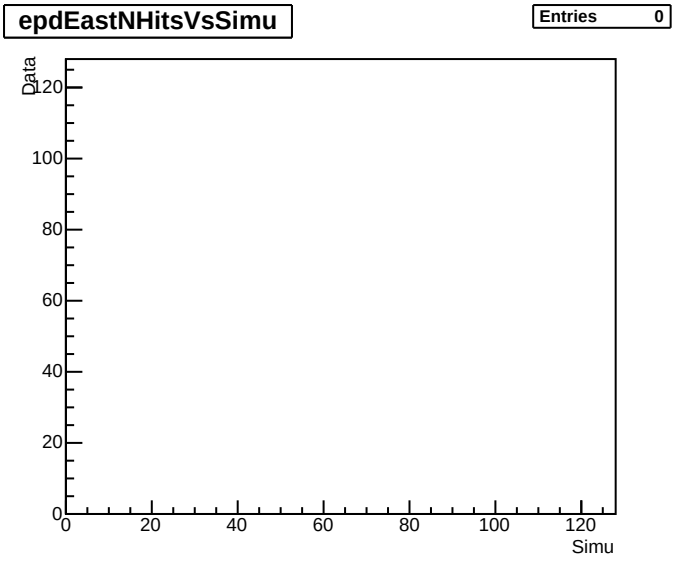
Entries 0
Data
Simu


epdEastTac47
Entries 605607


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 605607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Entries 0
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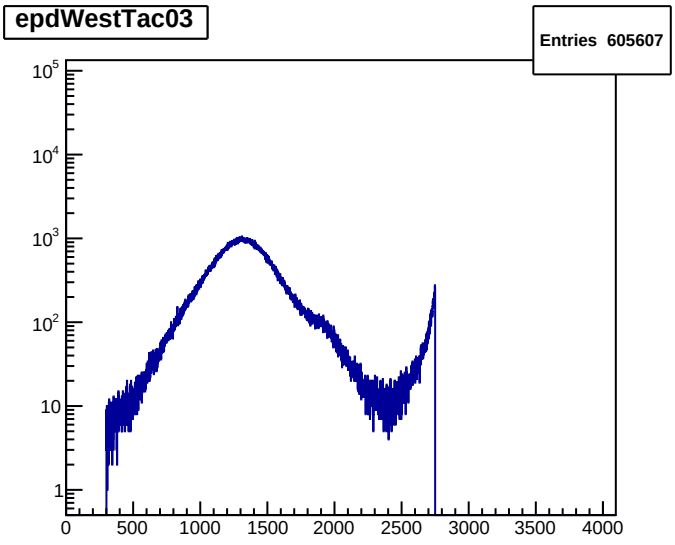
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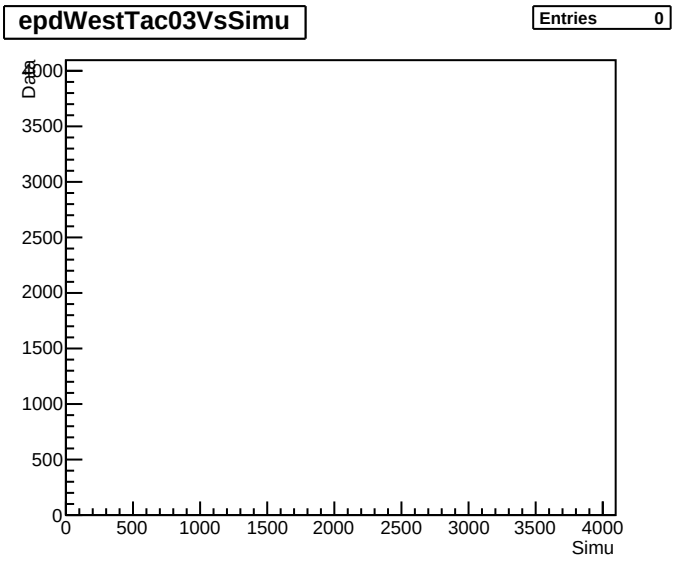
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Entries 0
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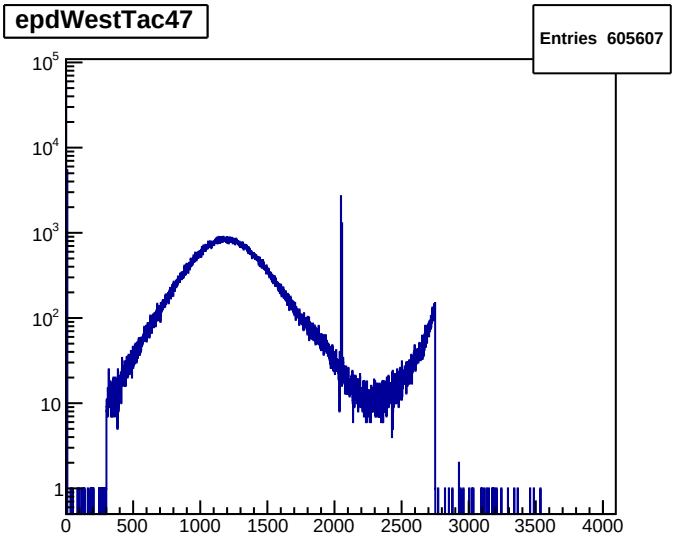
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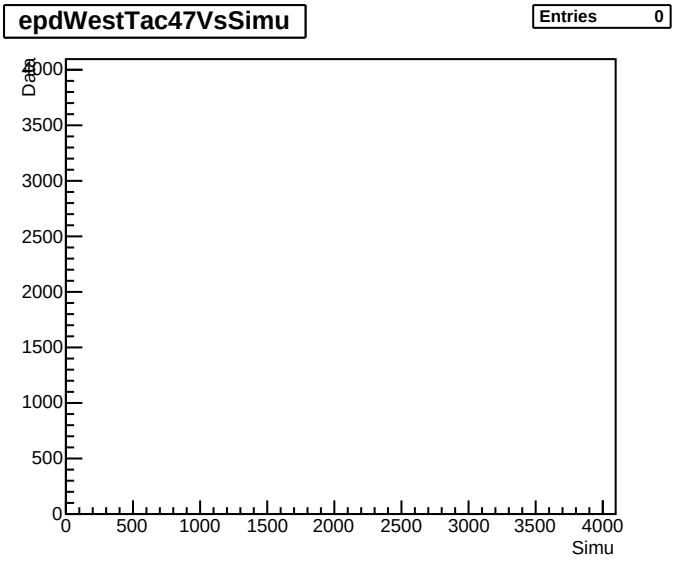
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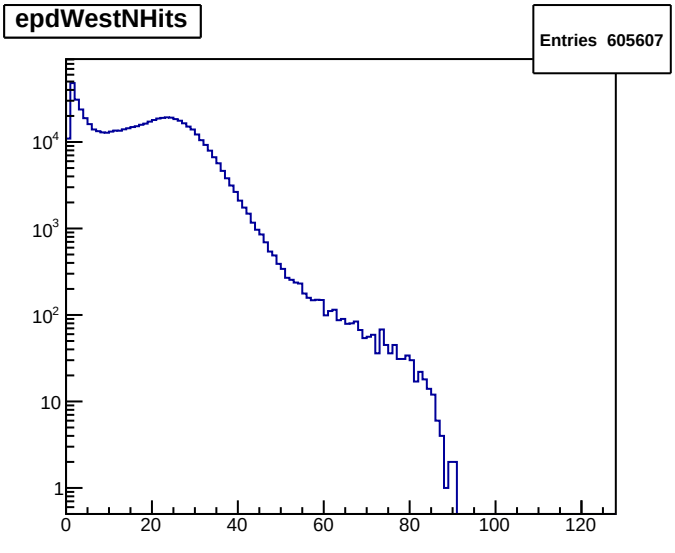
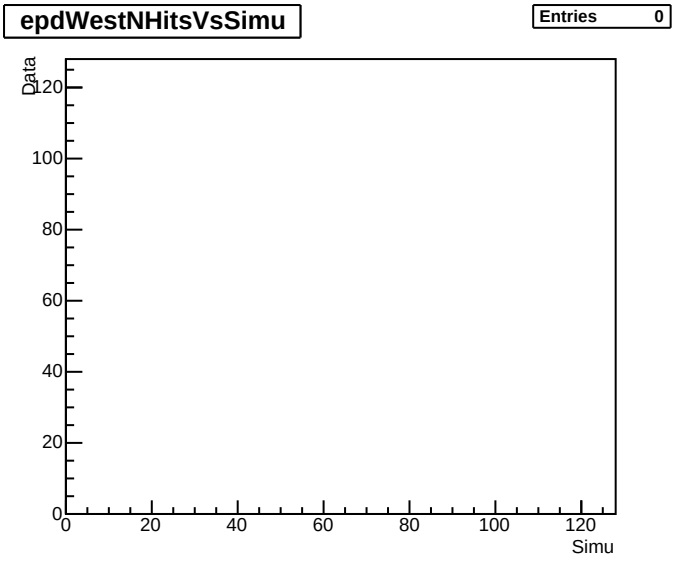
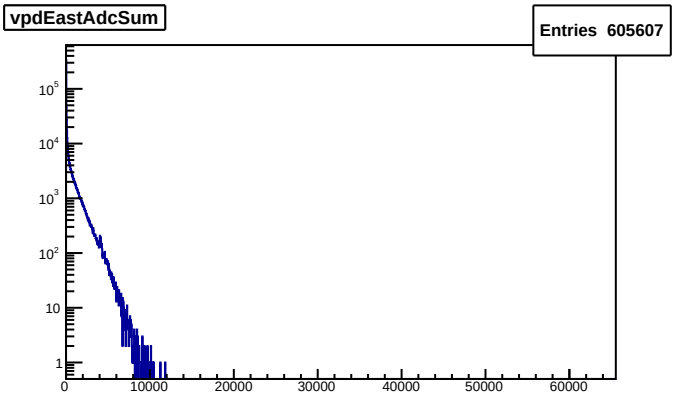
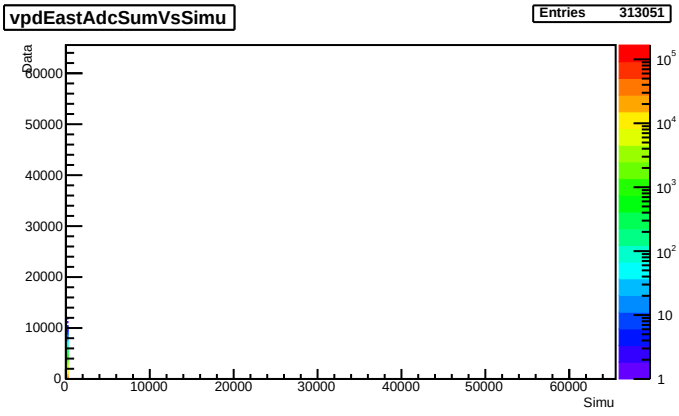
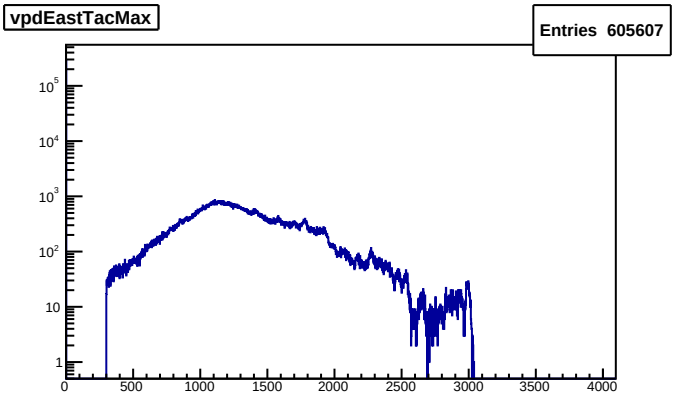
Entries 0
Data
Simu


epdWestNHits
Entries 605607


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 605607


vpdEastAdcSumVsSimu
Entries 313051
Data
Simu


vpdEastTacMax
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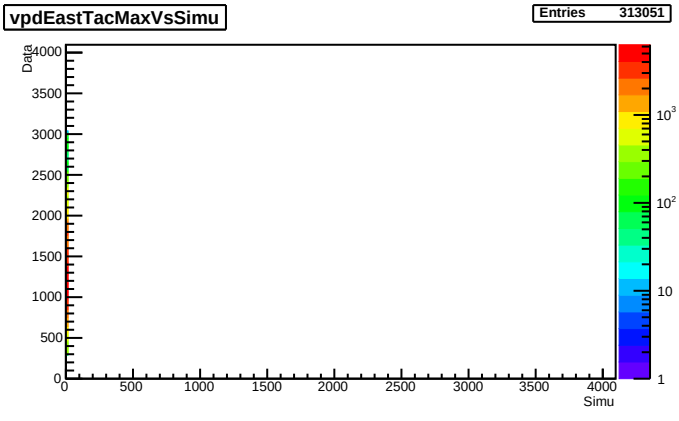
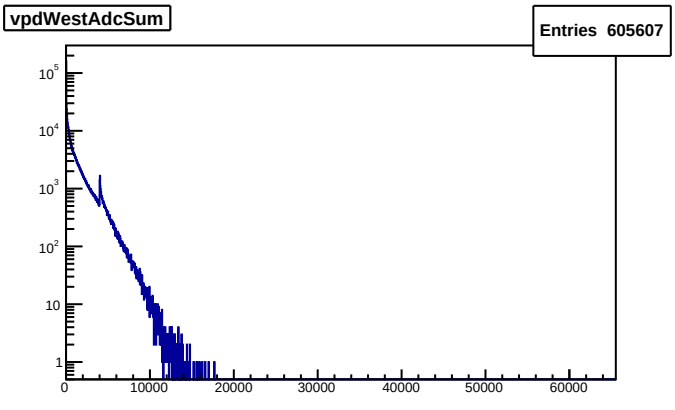
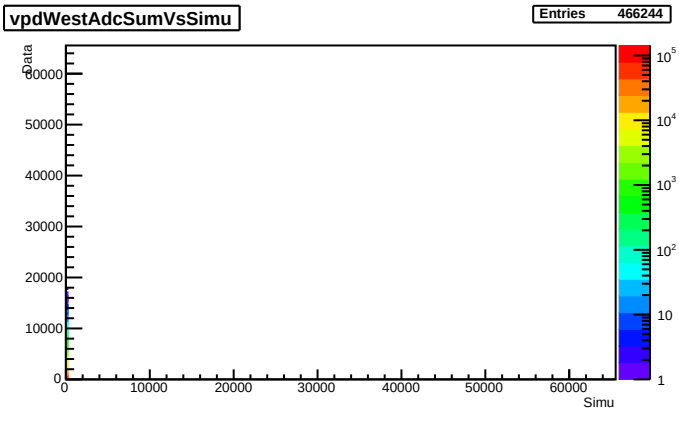
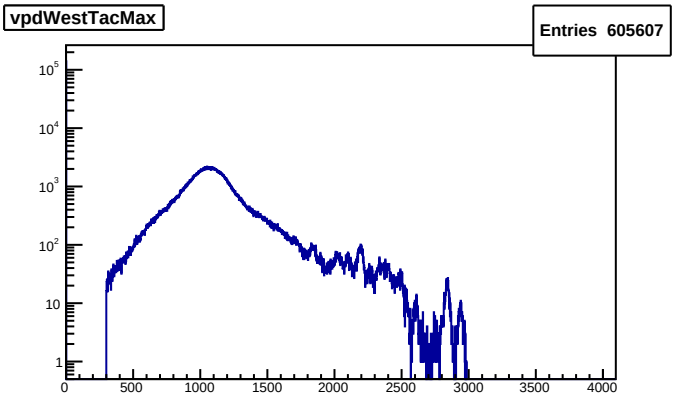
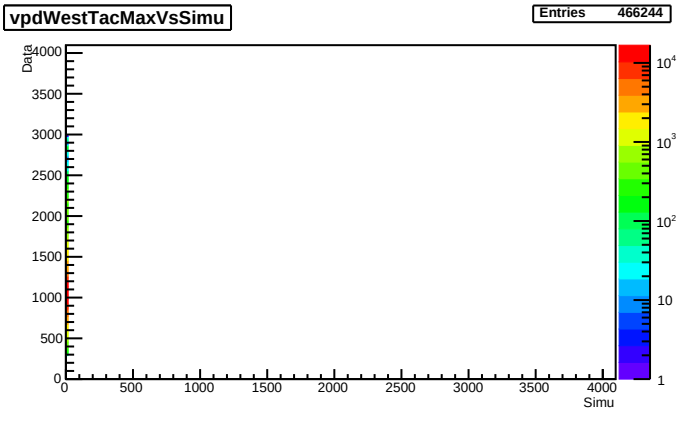
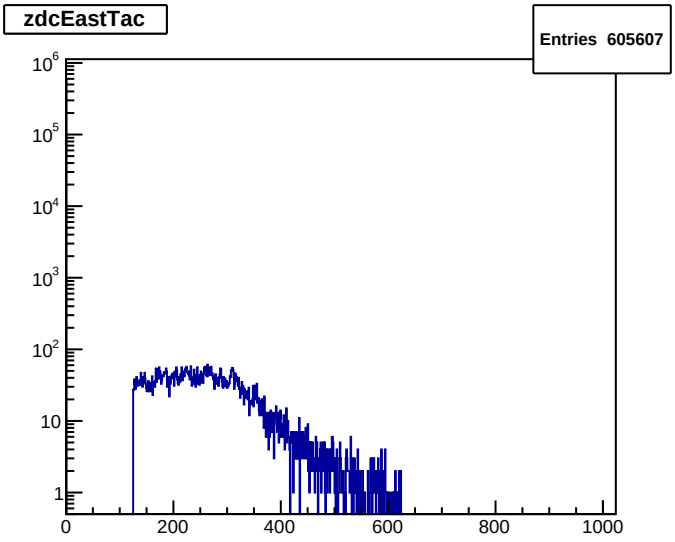

vpdEastTacMaxVsSimu
Entries 313051
Data
Simu

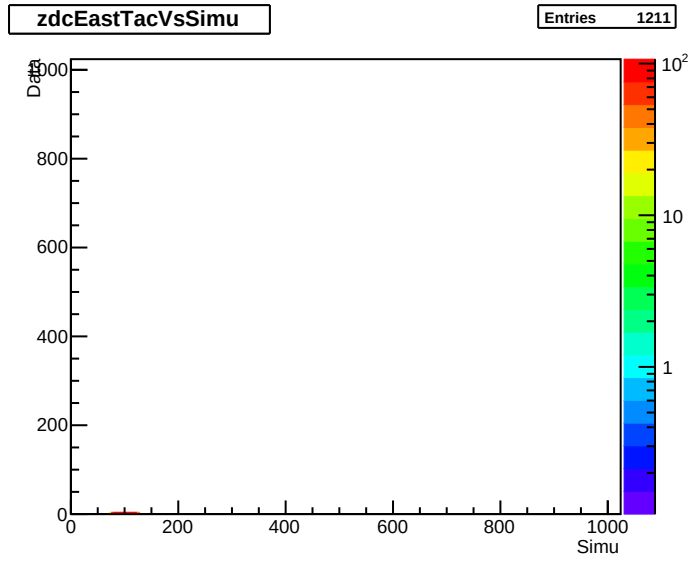

vpdWestAdcSum
Entries 605607

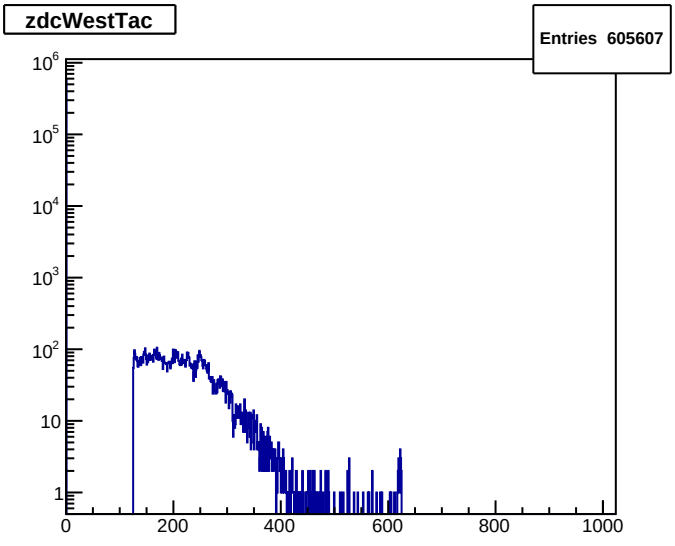

vpdWestAdcSumVsSimu
Entries 466244
Data
Simu

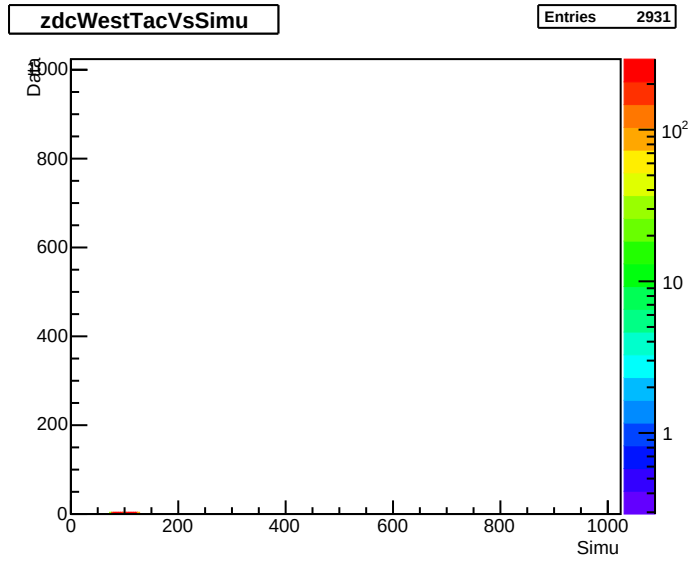

vpdWestTacMax
Entries 605607

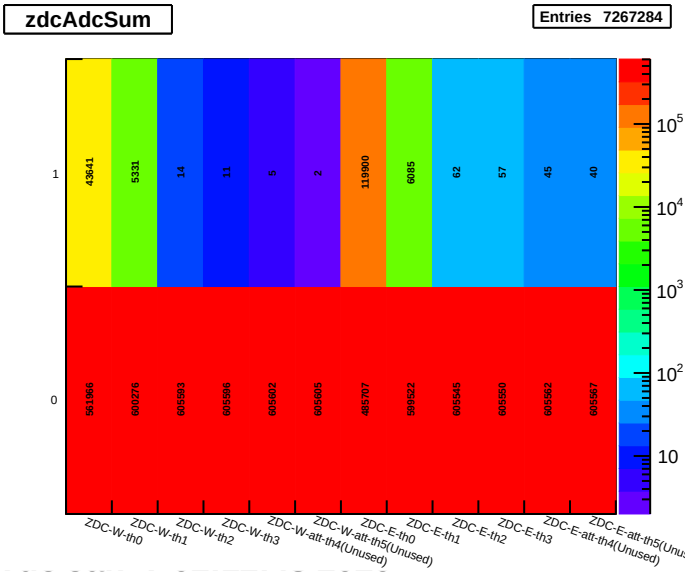

vpdWestTacMaxVsSimu
Entries 466244
Data
Simu


zdcEastTac
Entries 605607


zdcEastTacVsSimu
Entries 1211
Data
Simu


zdcWestTac
Entries 605607


zdcWestTacVsSimu
Entries 2931
Data
Simu


zdcAdcSum
Entries 7267284
43641
5331
14
11
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119900
6085
62
57
45
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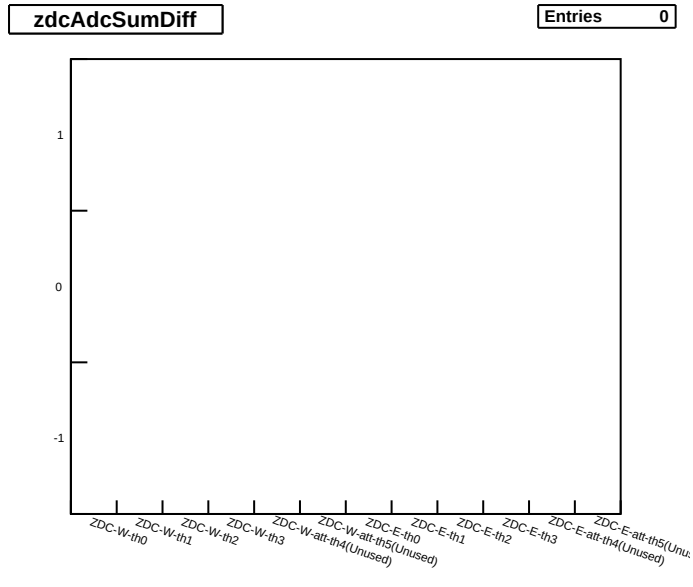
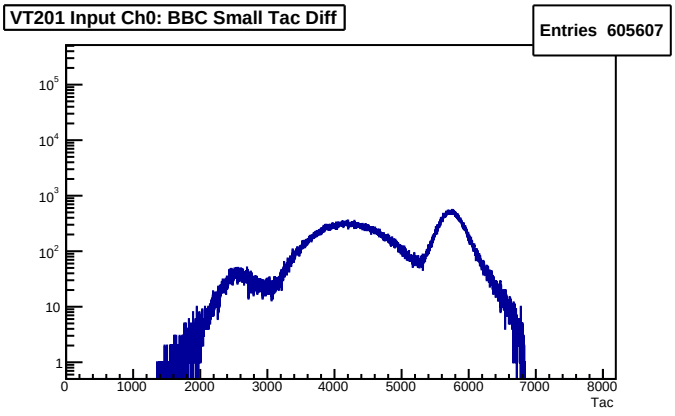
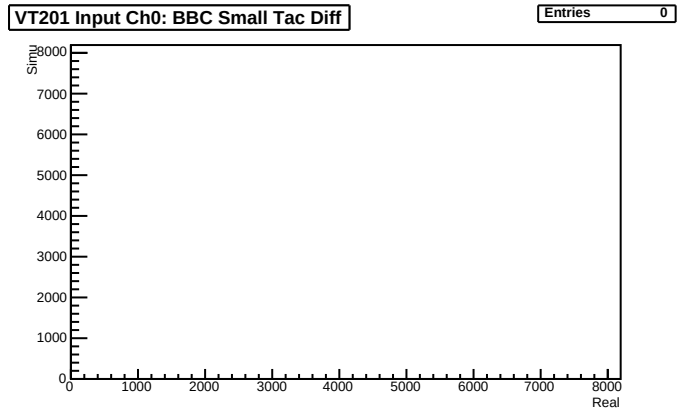
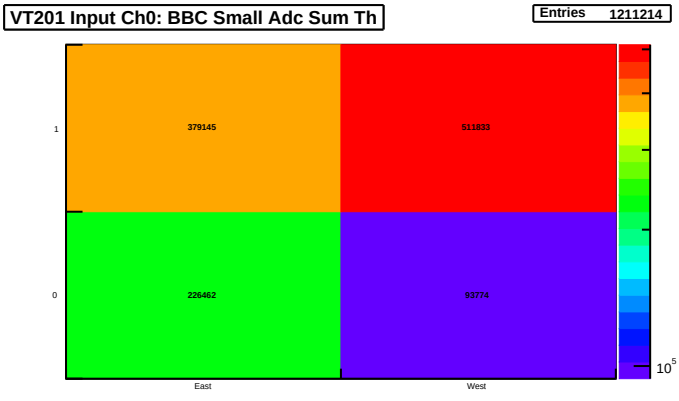
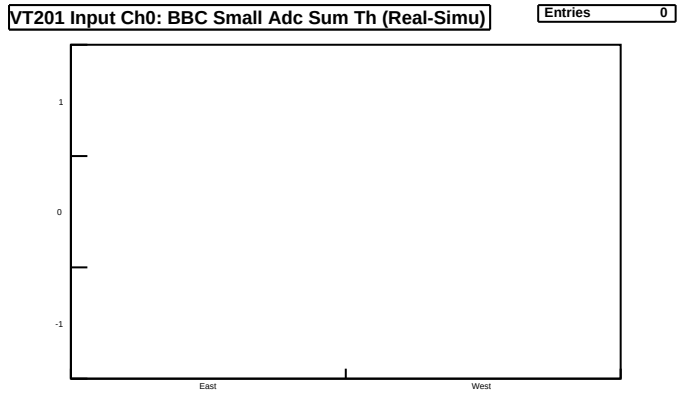
561866
600276
605593
605596
605602
605605
485707
599522
605545
605550
605562
605567
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

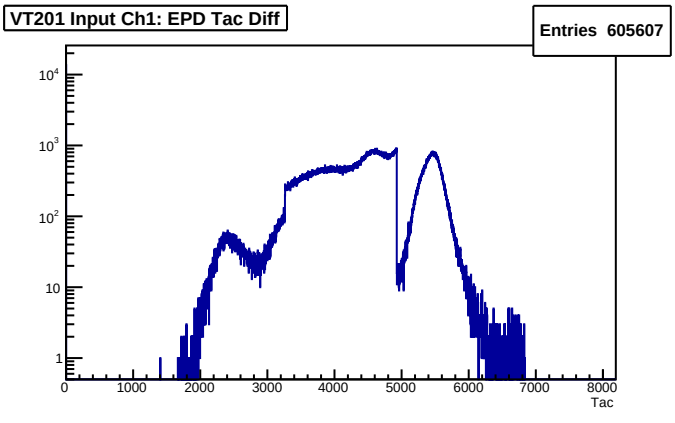

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

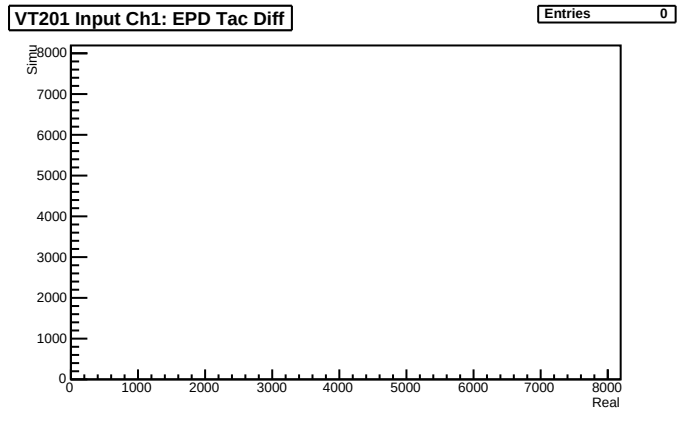

VT201 Input Ch0: BBC Small Tac Diff
Entries 605607
Tac

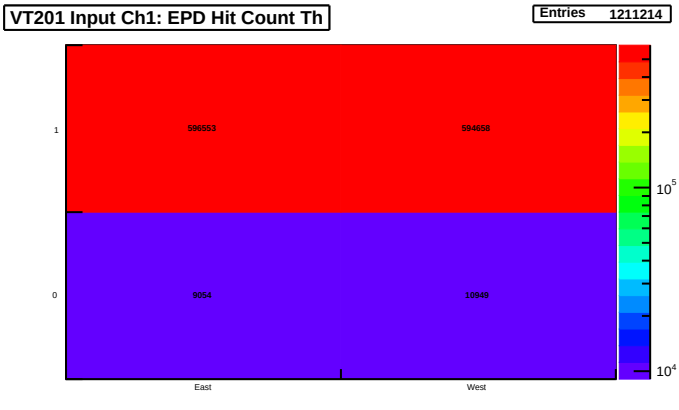

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

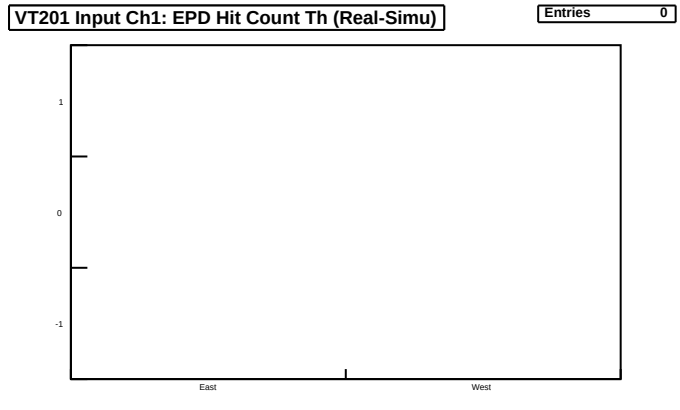

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1211214
379145
511833
226462
93774
East
West

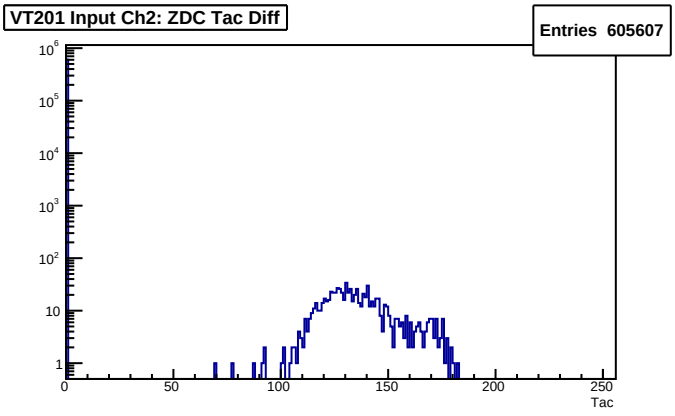

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

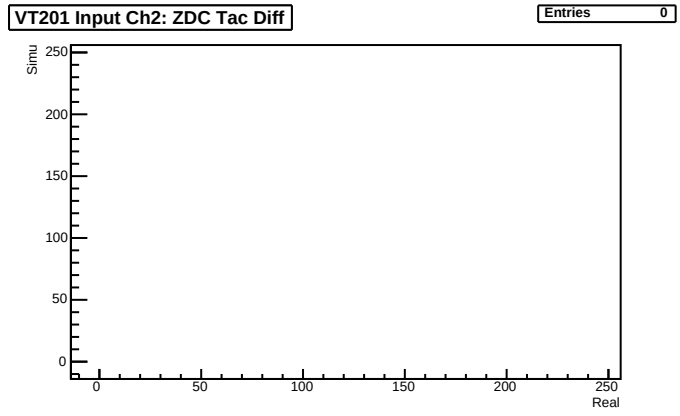

VT201 Input Ch1: EPD Tac Diff
Entries 605607
Tac

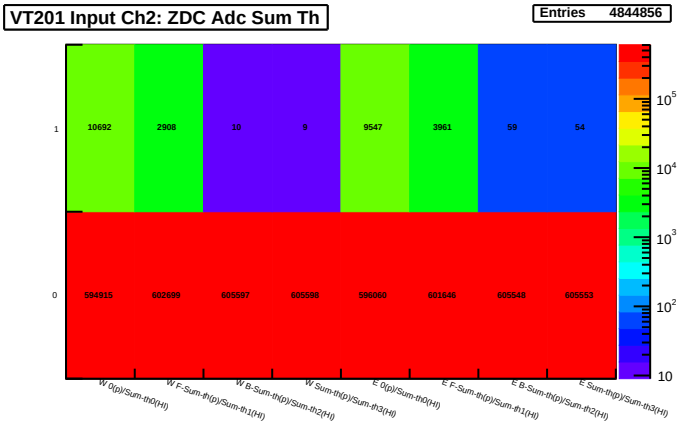

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

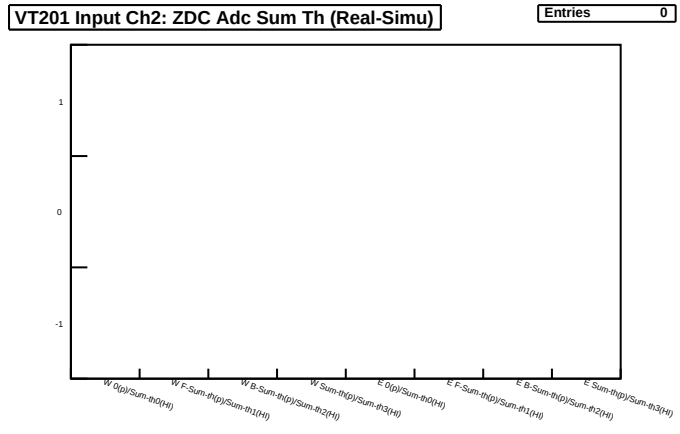

VT201 Input Ch1: EPD Hit Count Th
Entries 1211214
596553
594658
9054
10949
East
West

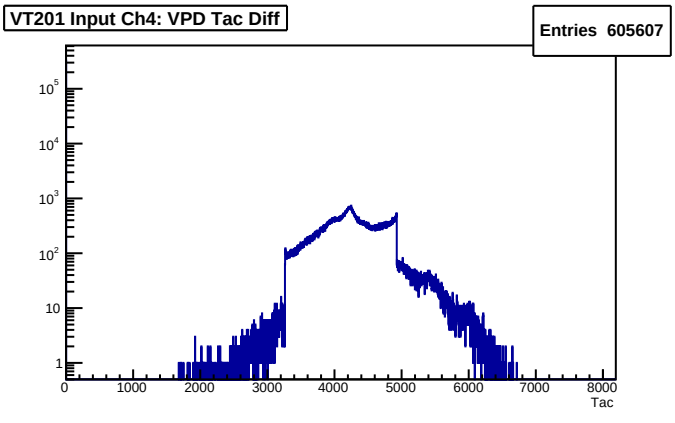

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

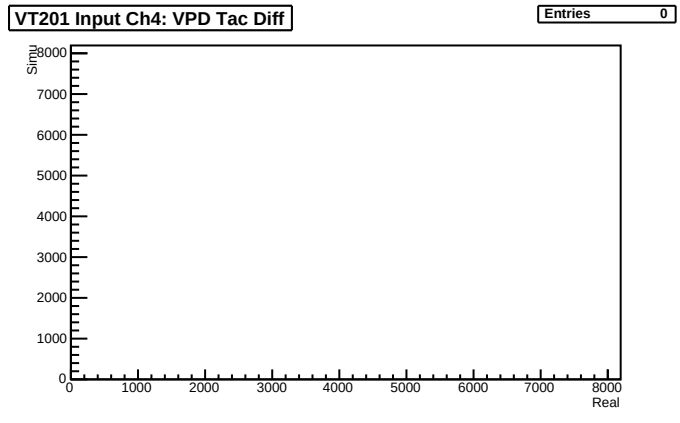

VT201 Input Ch2: ZDC Tac Diff
Entries 605607
Tac

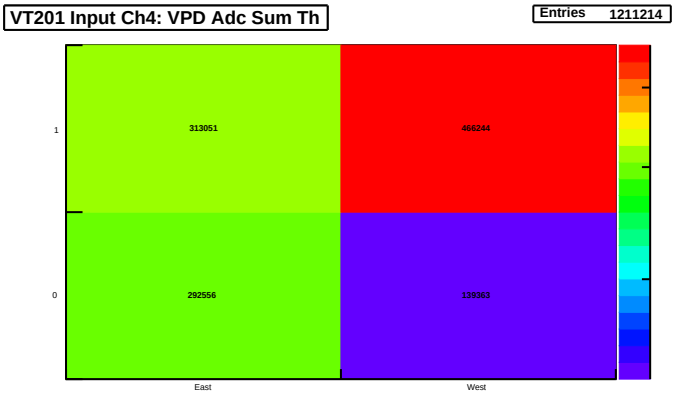

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

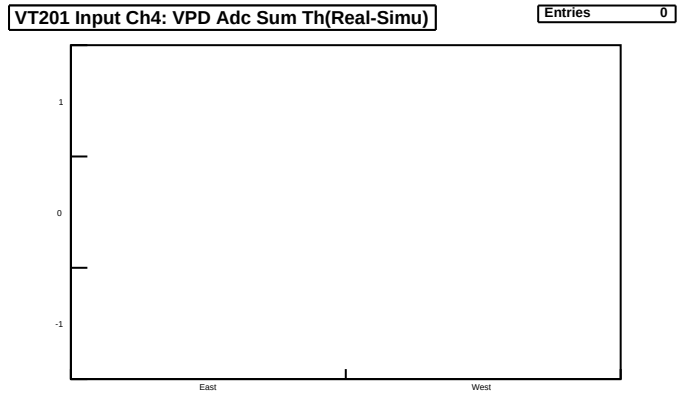

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4844856
10692
2908
10
9
9547
3961
59
54
594915
602699
605597
605598
596060
601646
605548
605553
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

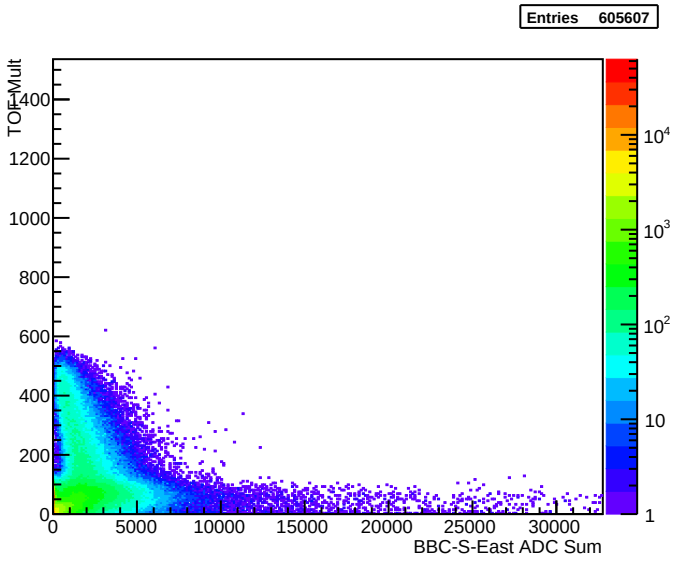

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

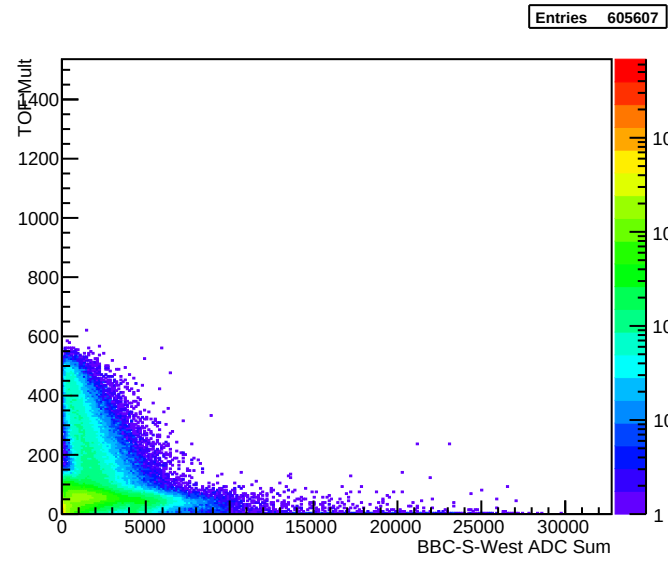

VT201 Input Ch4: VPD Tac Diff
Entries 605607
Tac

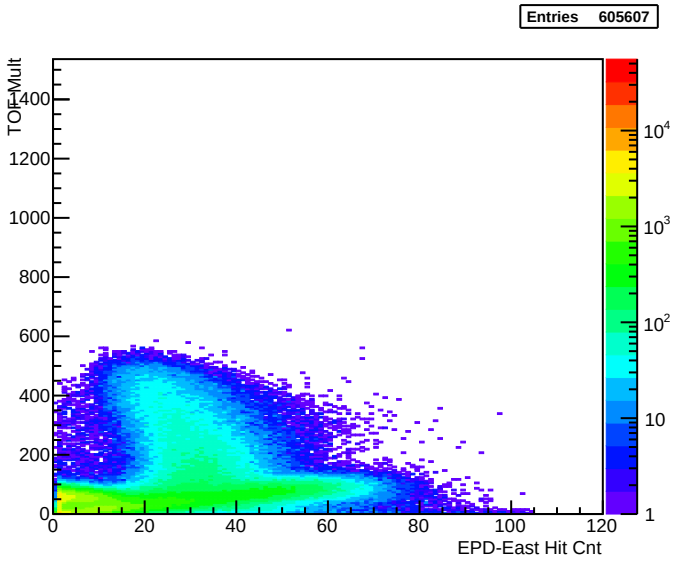

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

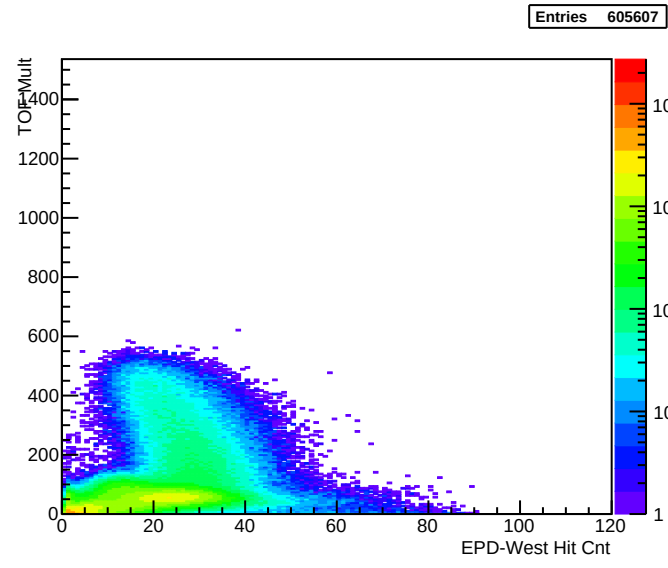

VT201 Input Ch4: VPD Adc Sum Th
Entries 1211214
313051
466244
292556
139363
East
West

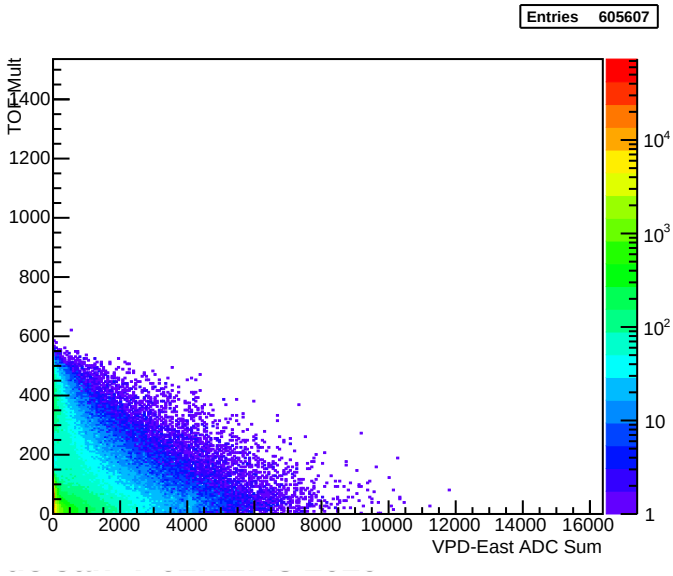

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

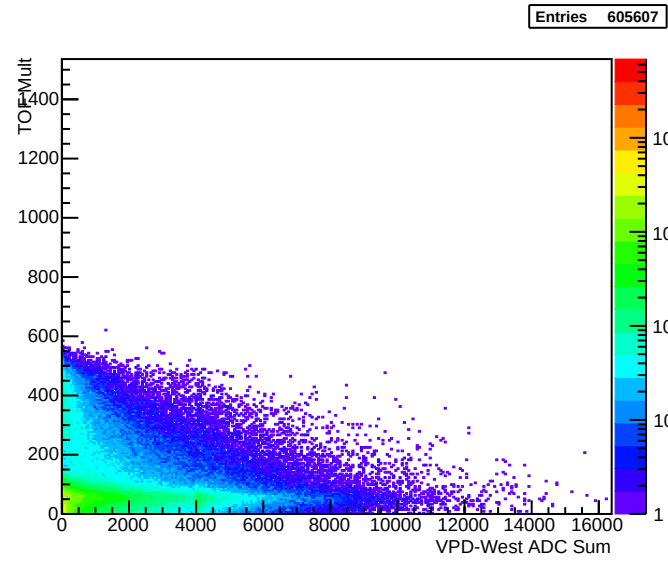

Entries 605607
TOF-Mult
BBC-S-East ADC Sum

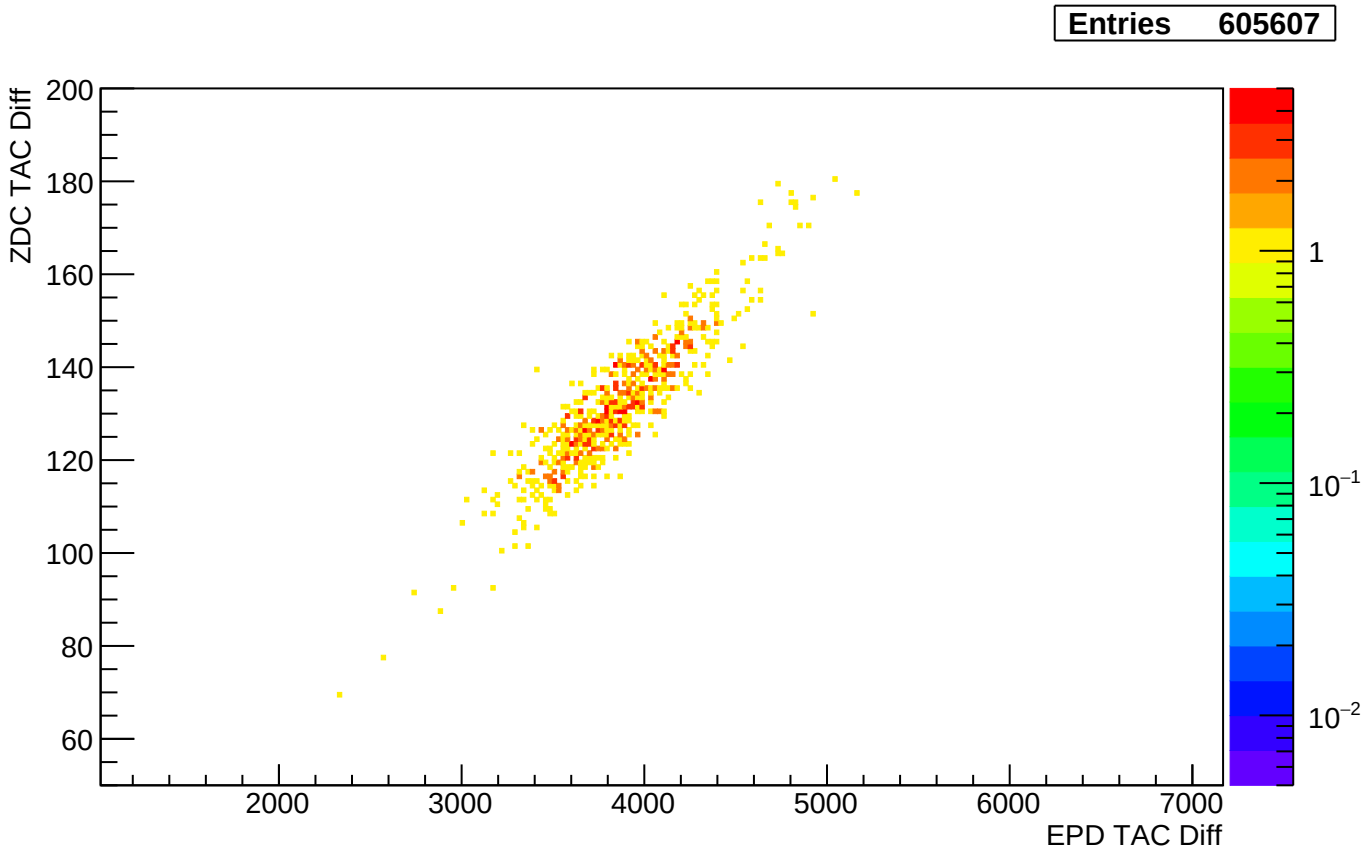

Entries 605607
TOF-Mult
BBC-S-West ADC Sum

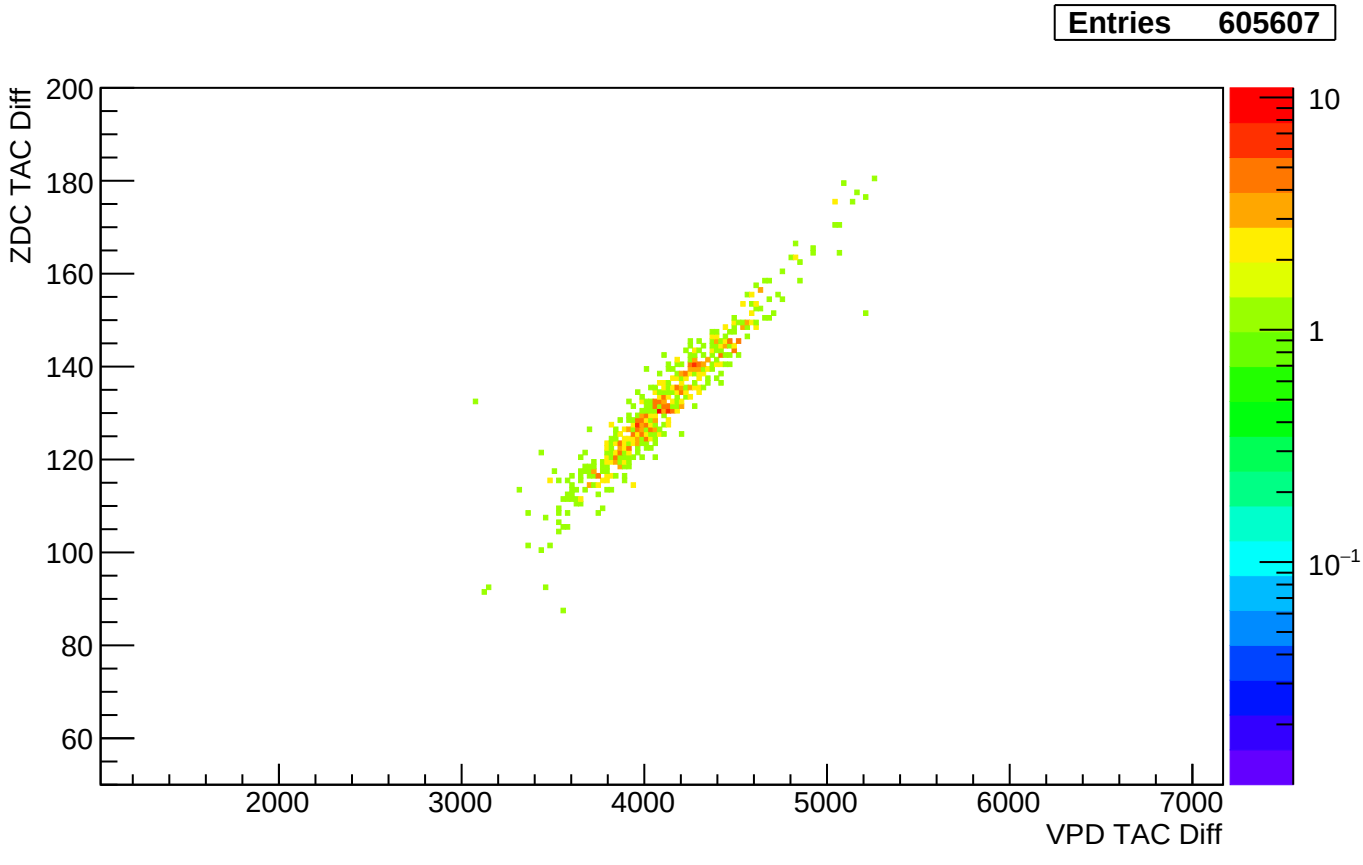

Entries 605607
TOF-Mult
EPD-East Hit Cnt

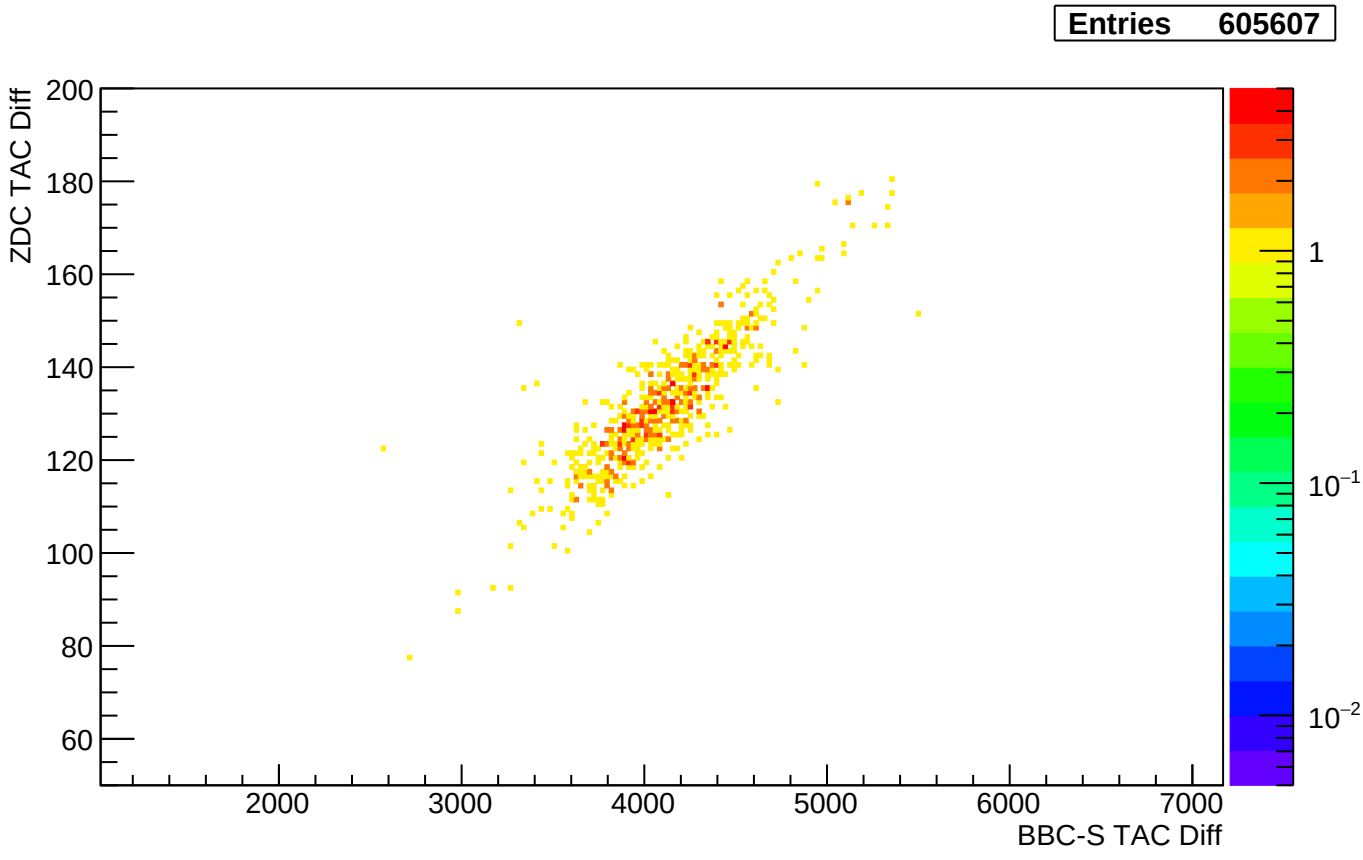

Entries 605607
TOF-Mult
EPD-West Hit Cnt

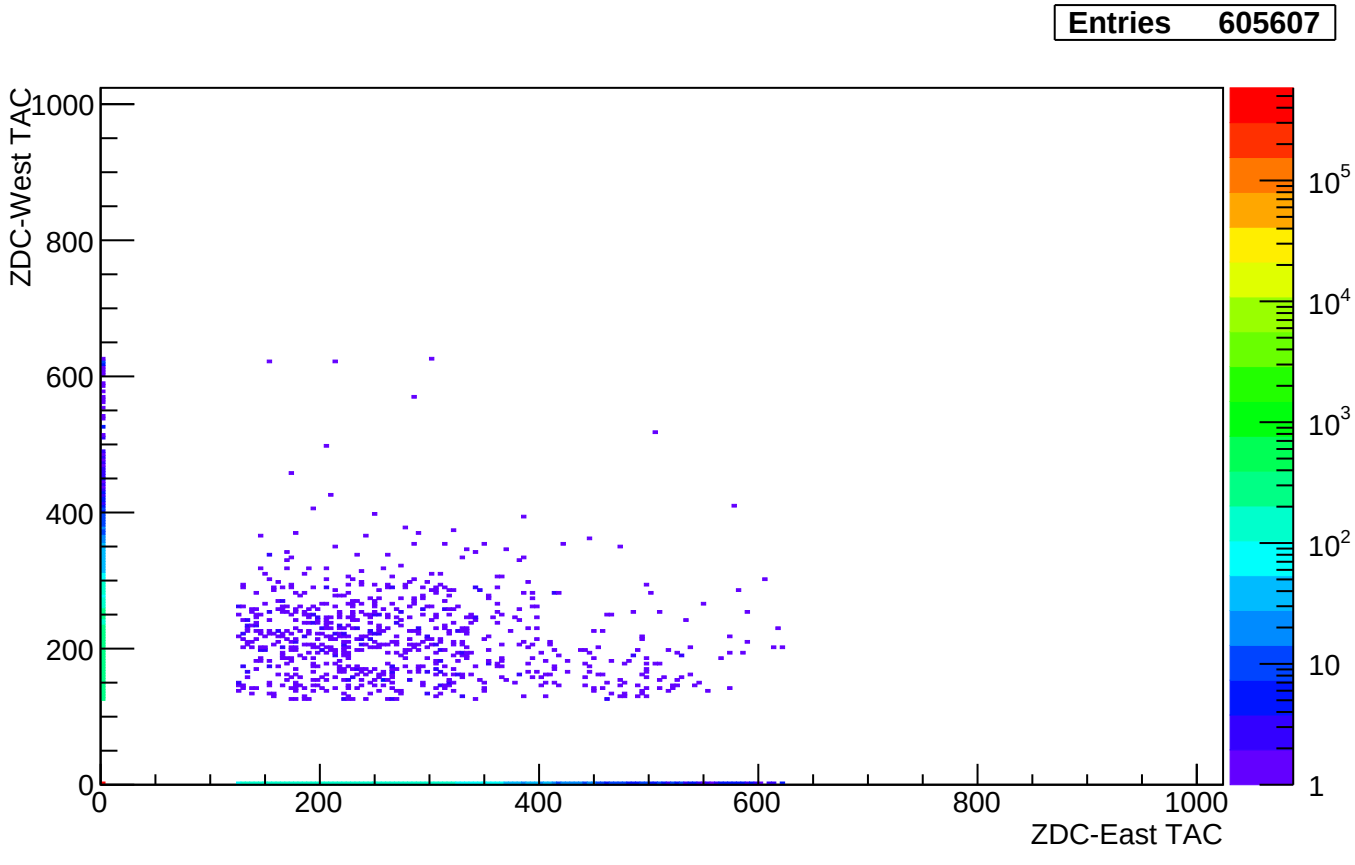

Entries 605607
TOF-Mult
VPD-East ADC Sum

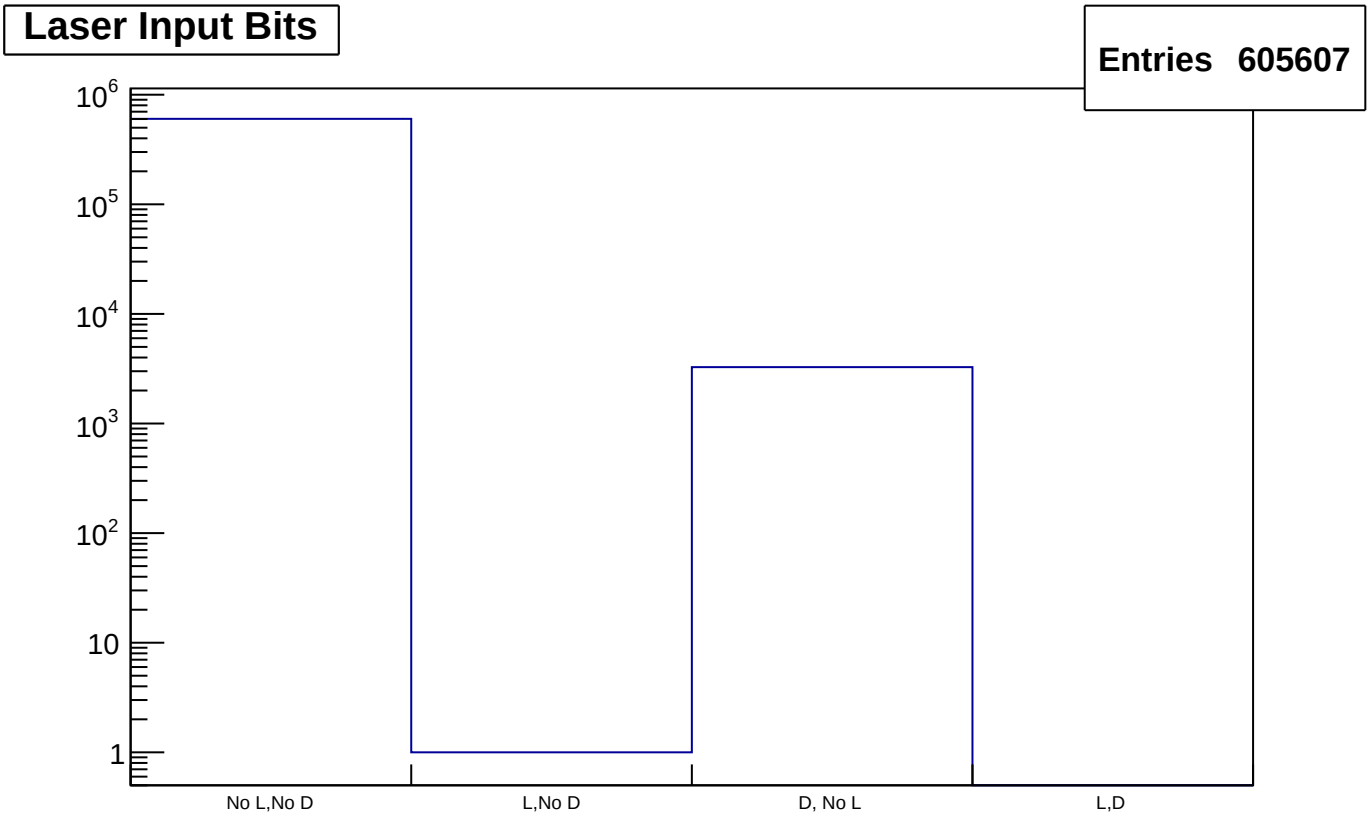

Entries 605607
TOF-Mult
VPD-West ADC Sum

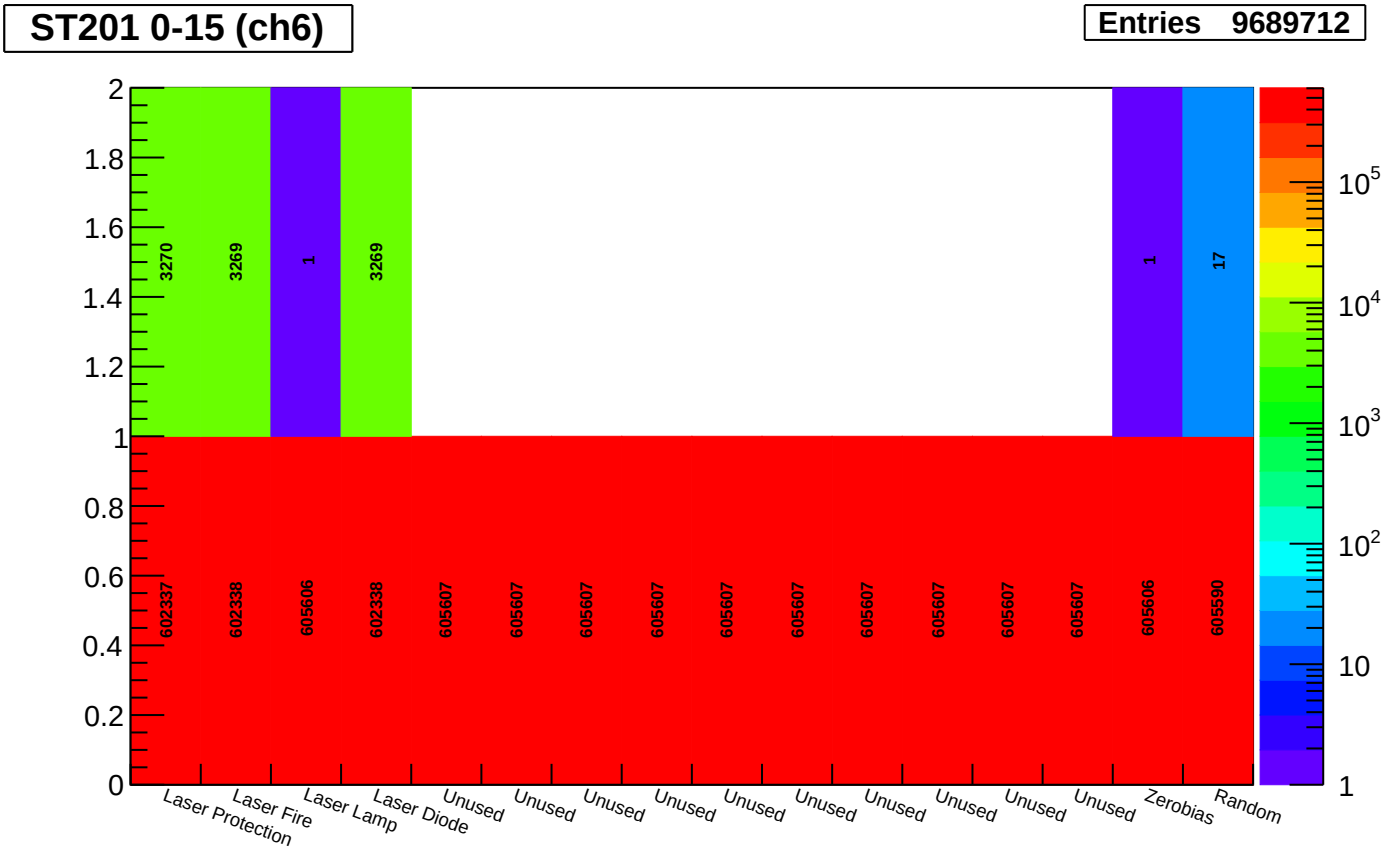

Entries 605607
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

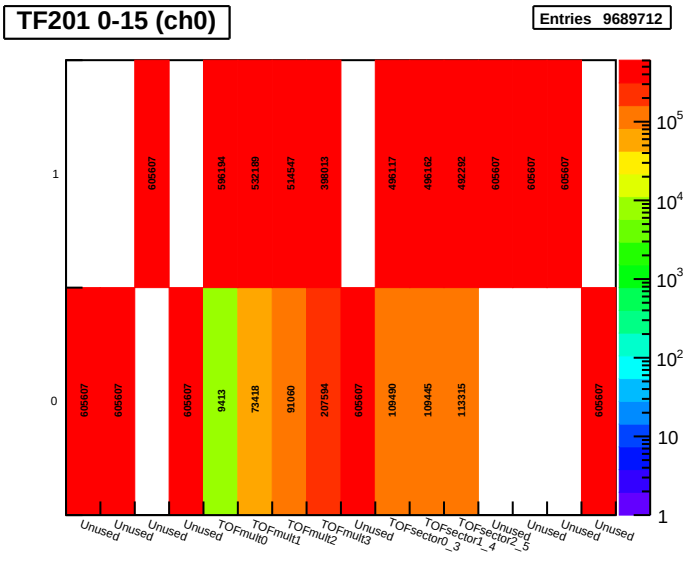

Entries 605607
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

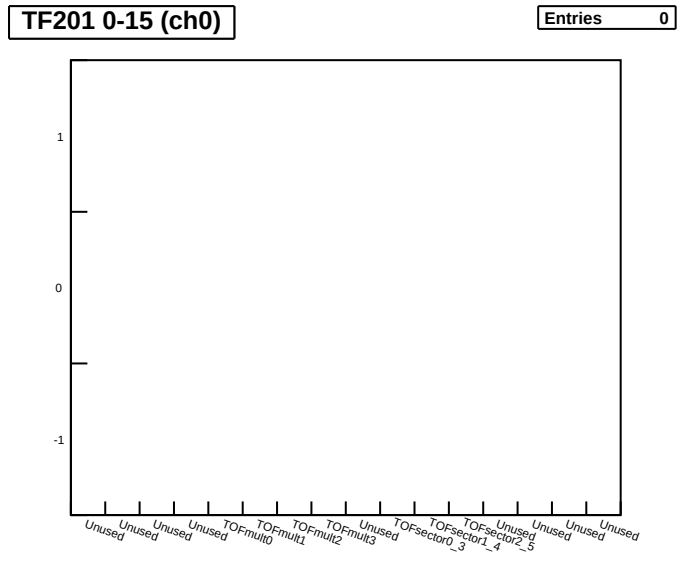

Entries 605607
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

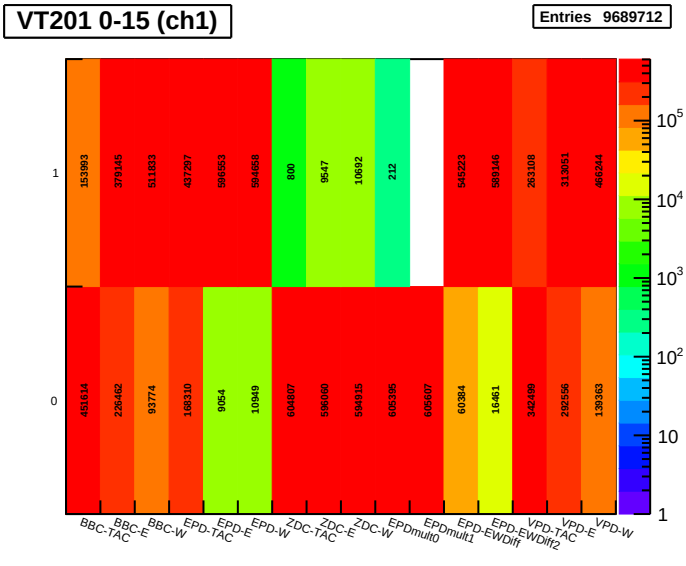

Entries 605607
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

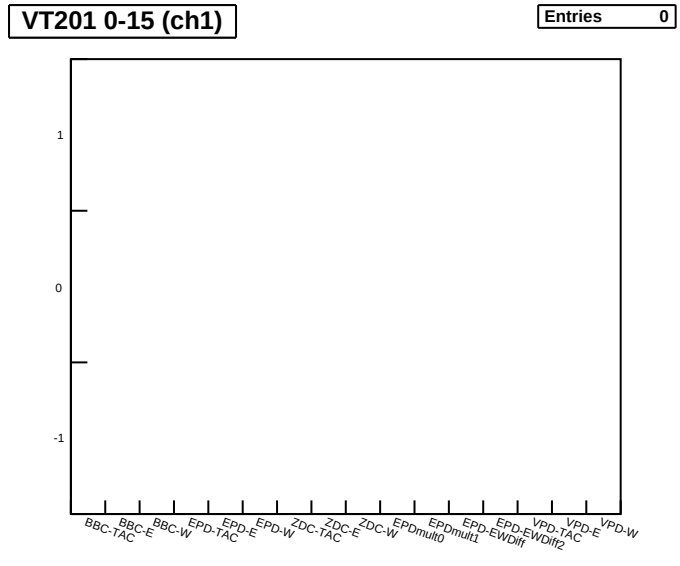

Laser Input Bits
Entries 605607
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

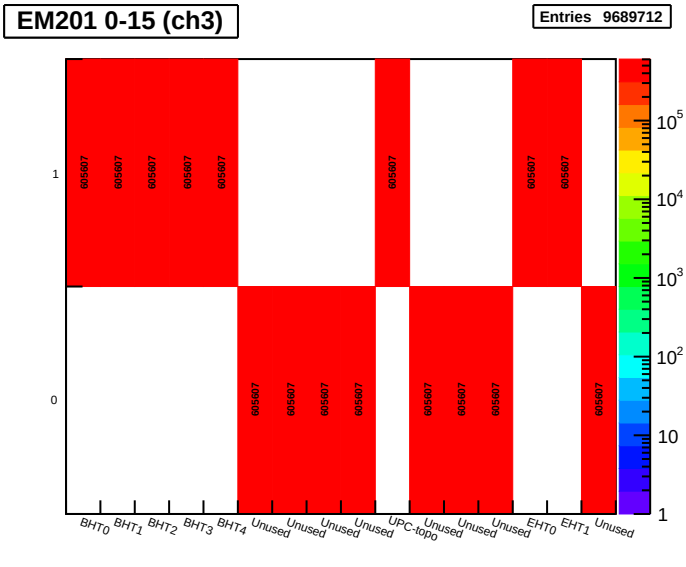

ST201 0-15 (ch6)
Entries 9689712
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3270
3269
1
3269
1
17
602337
602338
605606
602338
605607
605607
605607
605607
605607
605607
605607
605607
605607
605607
605606
605590
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

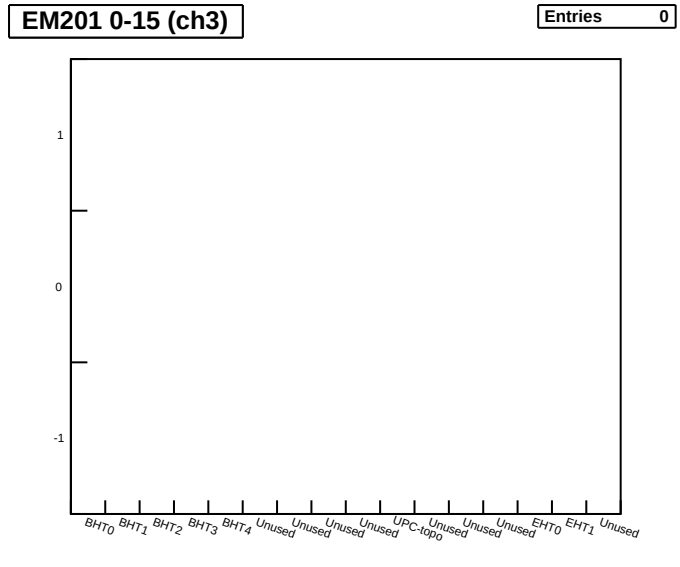

TF201 0-15 (ch0)
Entries 9689712
605607
536194
532189
514547
398013
496117
496162
492292
605607
605607
605607
605607
605607
605607
9413
73418
91060
207594
605607
109490
109445
113315
605607
1
0
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused


VT201 0-15 (ch1)
Entries 9689712
153993
379145
511833
437297
596553
594658
800
9547
10692
212
545223
589146
263108
313051
466244
451614
226462
93774
168310
9064
10949
604807
598060
594915
606395
605607
60384
16461
342499
292556
139363
1
0
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 9689712
605607
605607
605607
605607
605607
605607
605607
605607
605607
605607
605607
605607
605607
605607
605607
605607
605607
1
0
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
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
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused