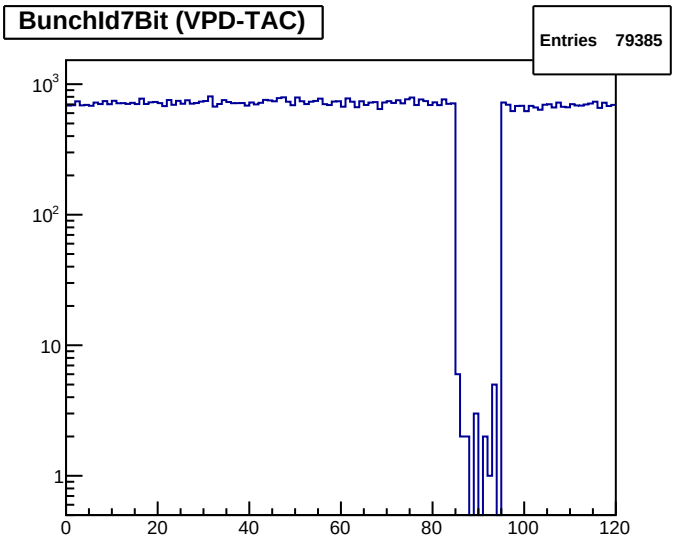
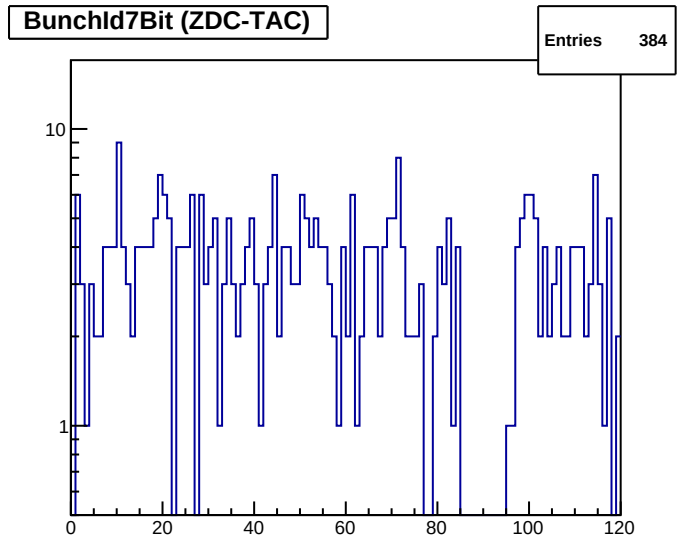
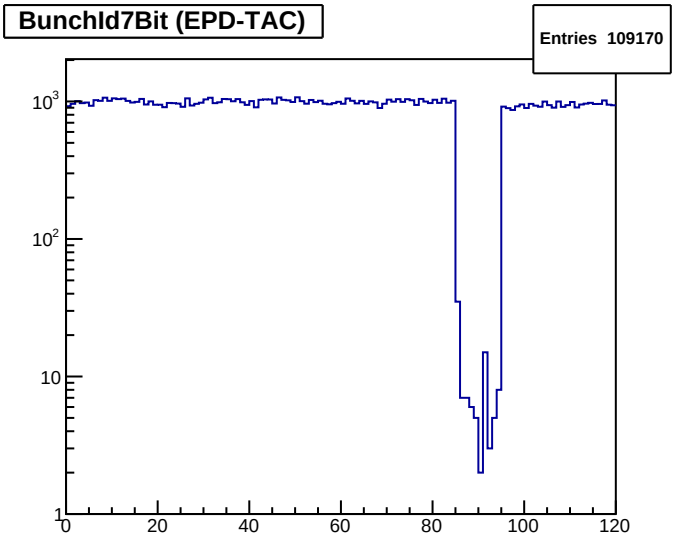
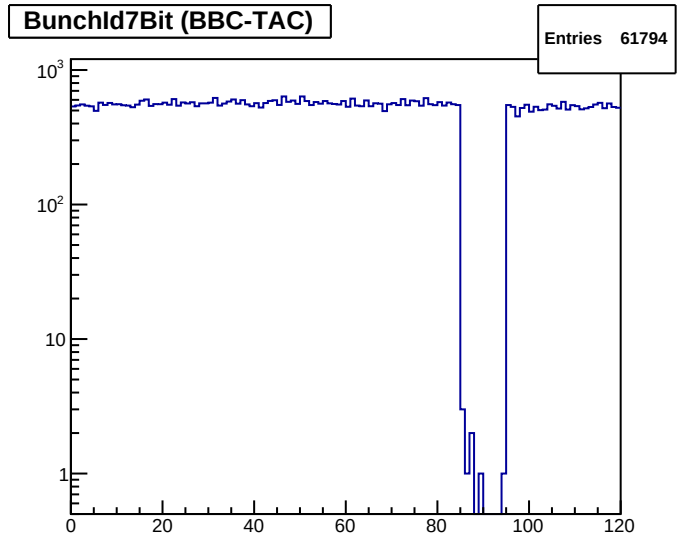
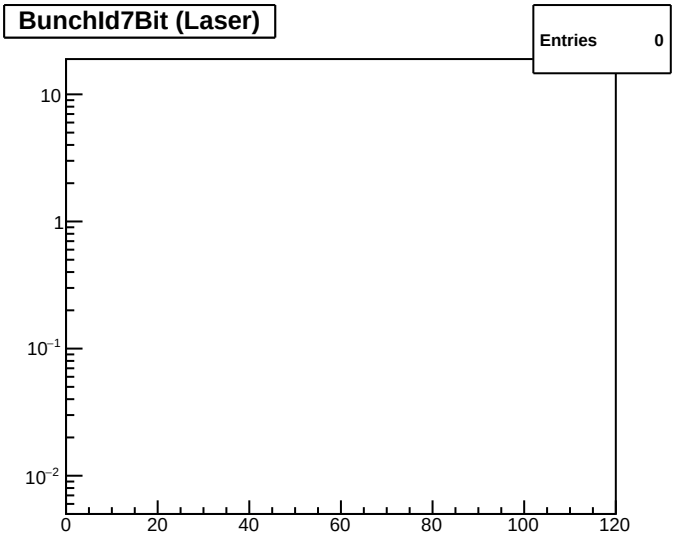
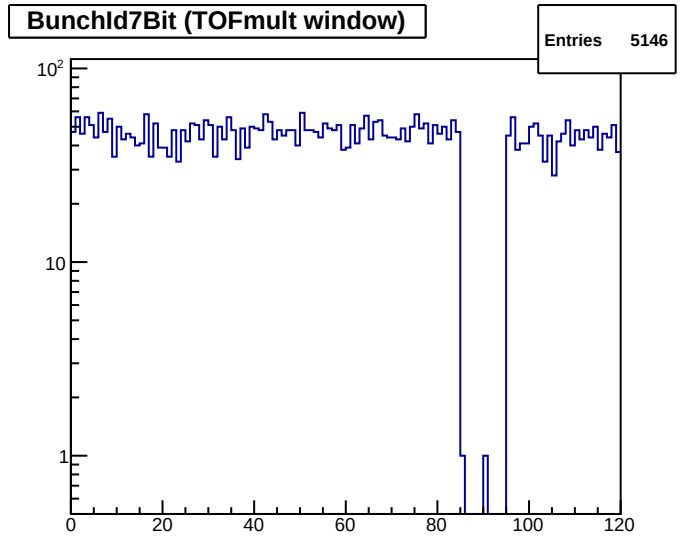

BunchId7Bit (VPD-TAC)
Entries 79385

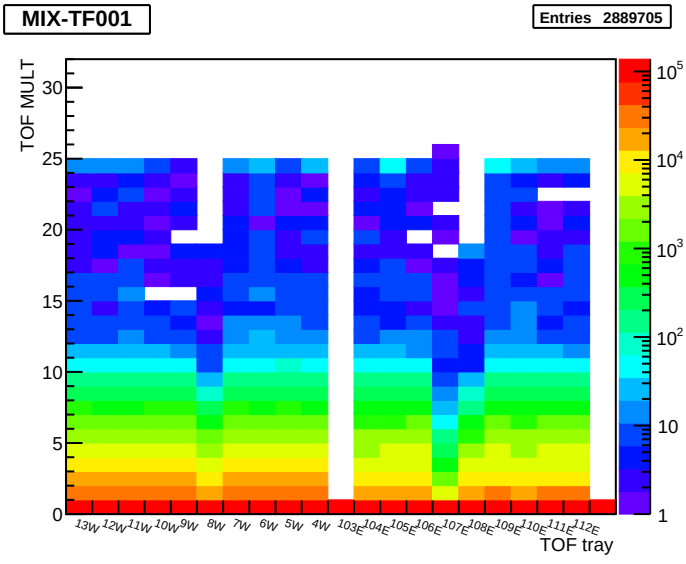

BunchId7Bit (ZDC-TAC)
Entries 384

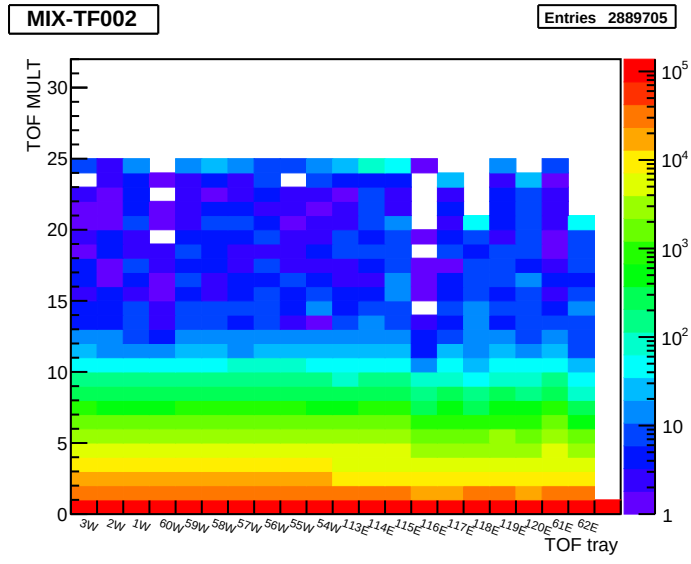

BunchId7Bit (EPD-TAC)
Entries 109170

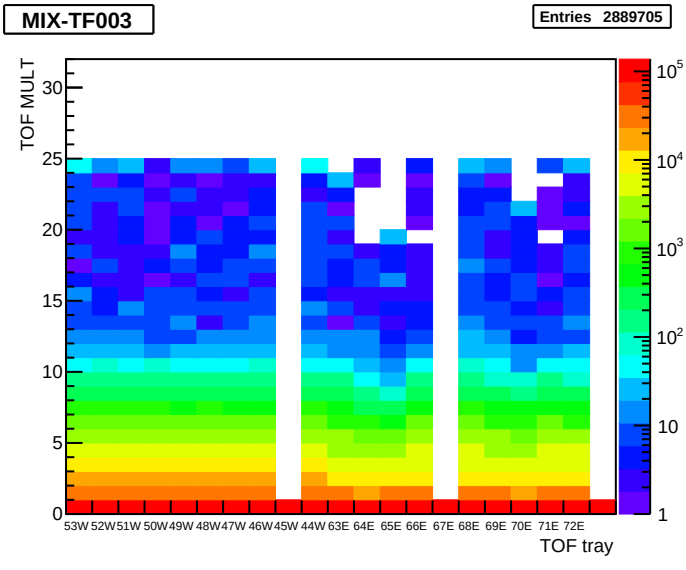

BunchId7Bit (BBC-TAC)
Entries 61794

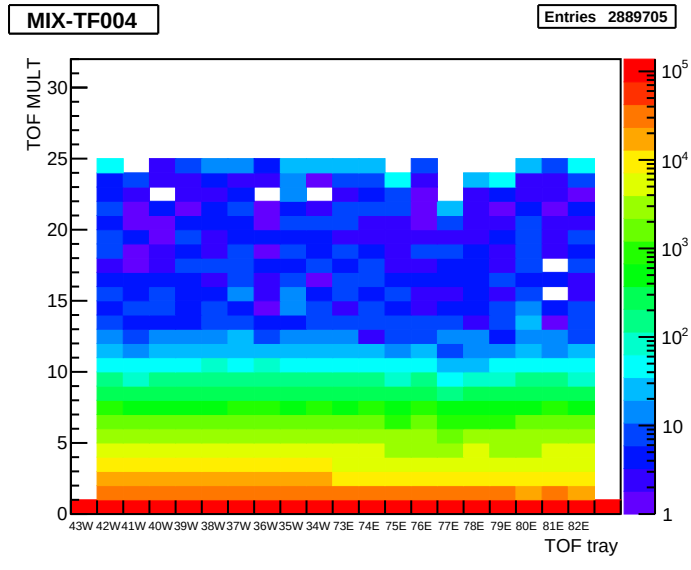

BunchId7Bit (Laser)
Entries 0

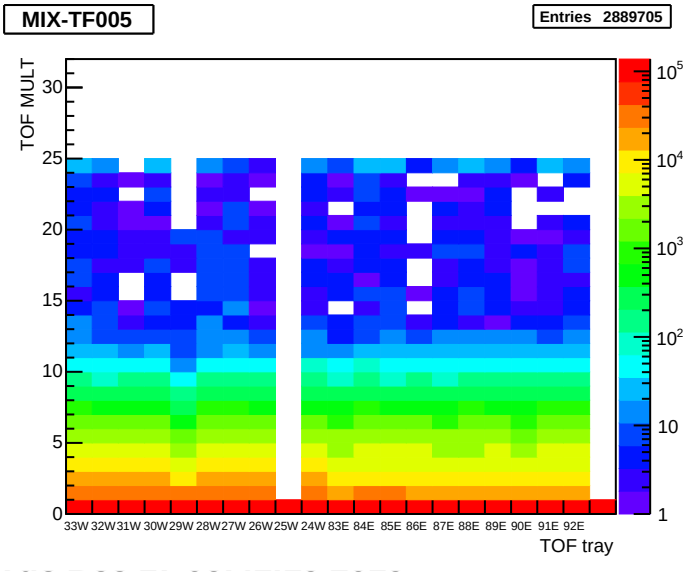

BunchId7Bit (TOFmult window)
Entries 5146

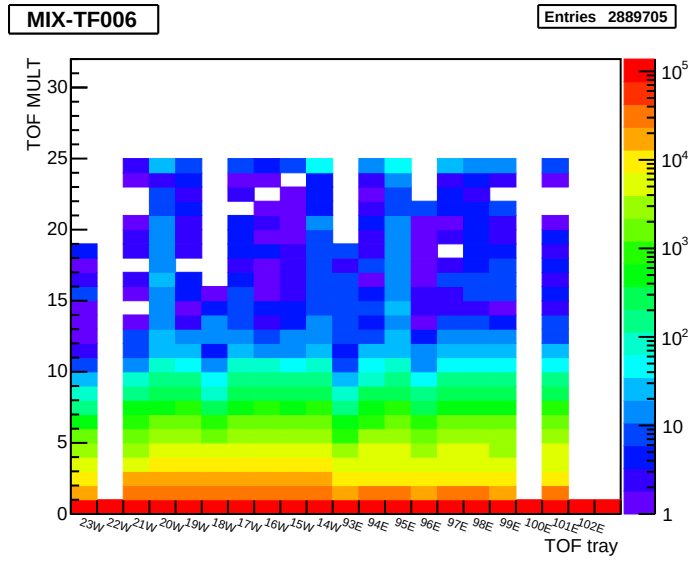

MIX-TF001
Entries 2889705
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

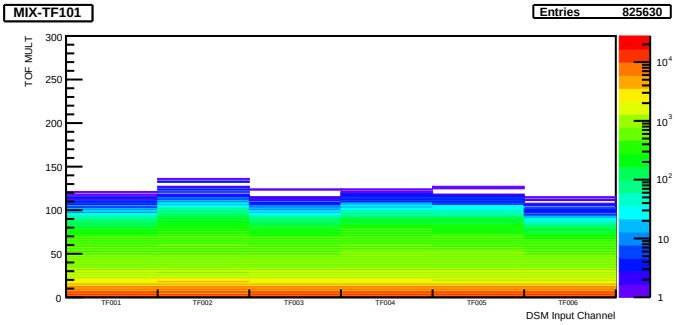

MIX-TF002
Entries 2889705
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

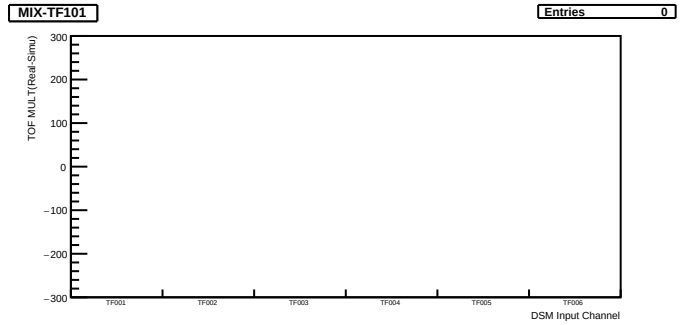

MIX-TF003
Entries 2889705
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

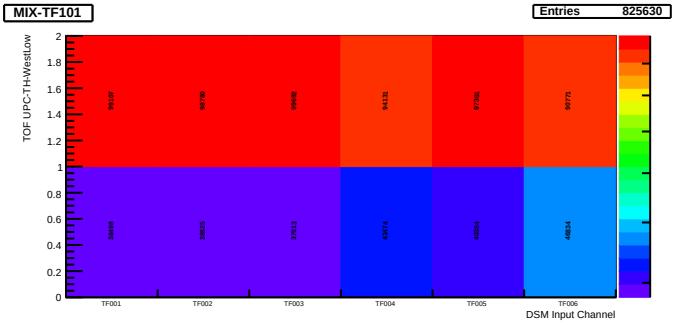

MIX-TF004
Entries 2889705
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

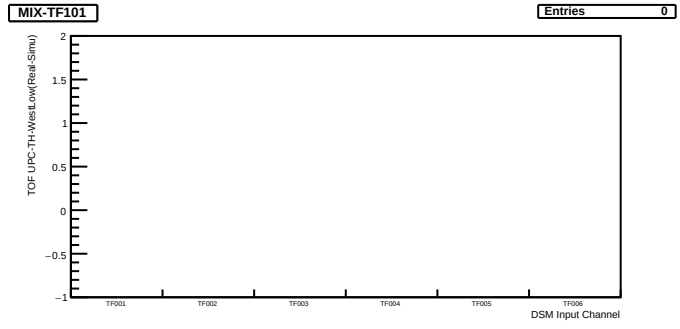

MIX-TF005
Entries 2889705
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

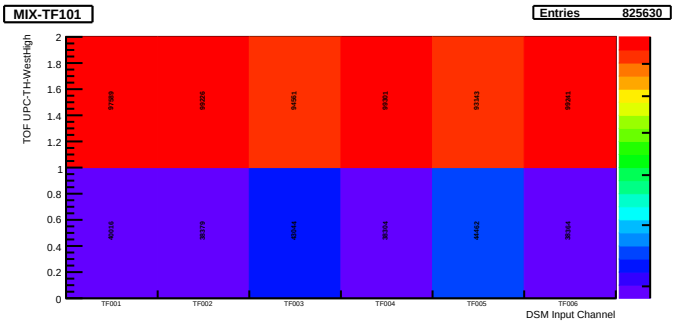

MIX-TF006
Entries 2889705
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

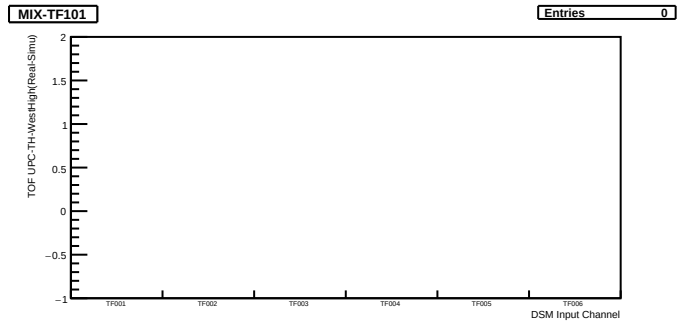

MIX-TF101
Entries 825630
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

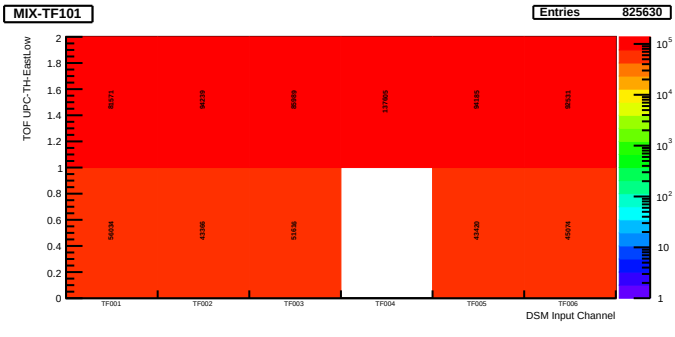

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

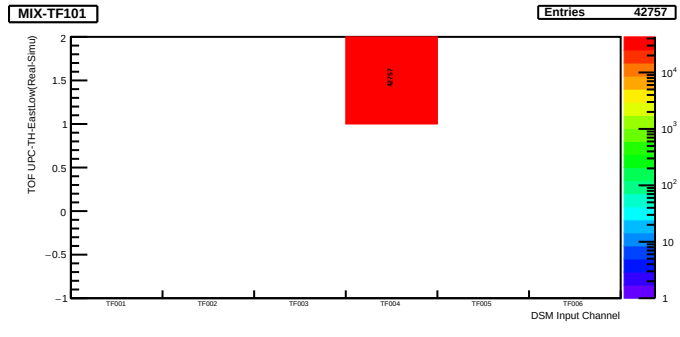

MIX-TF101
Entries 825630
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

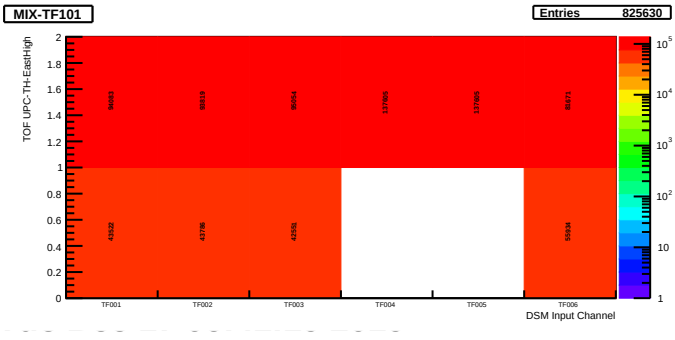

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

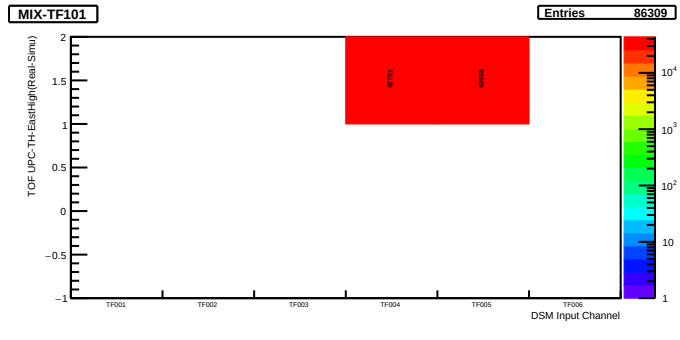

MIX-TF101
Entries 825630
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

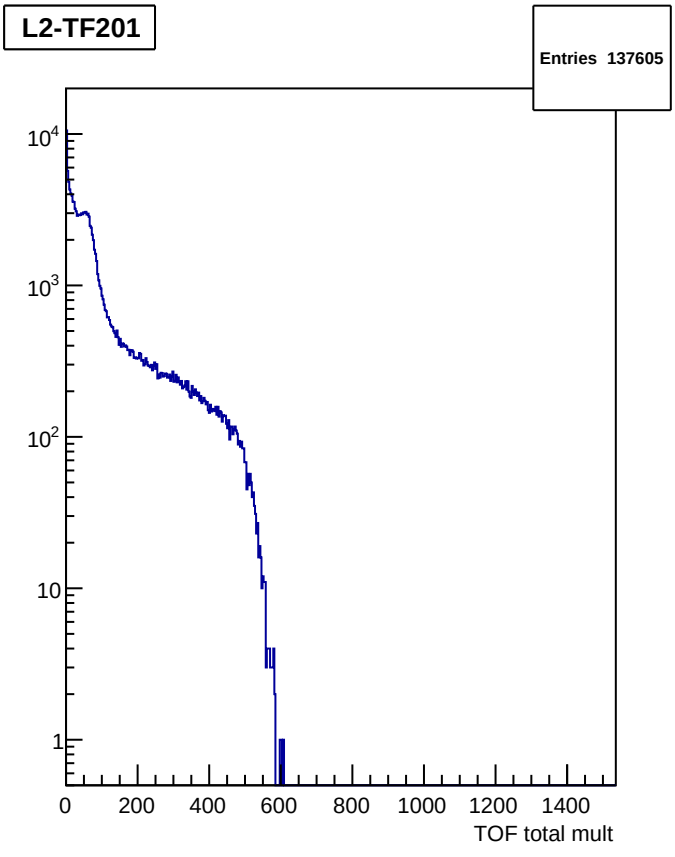

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

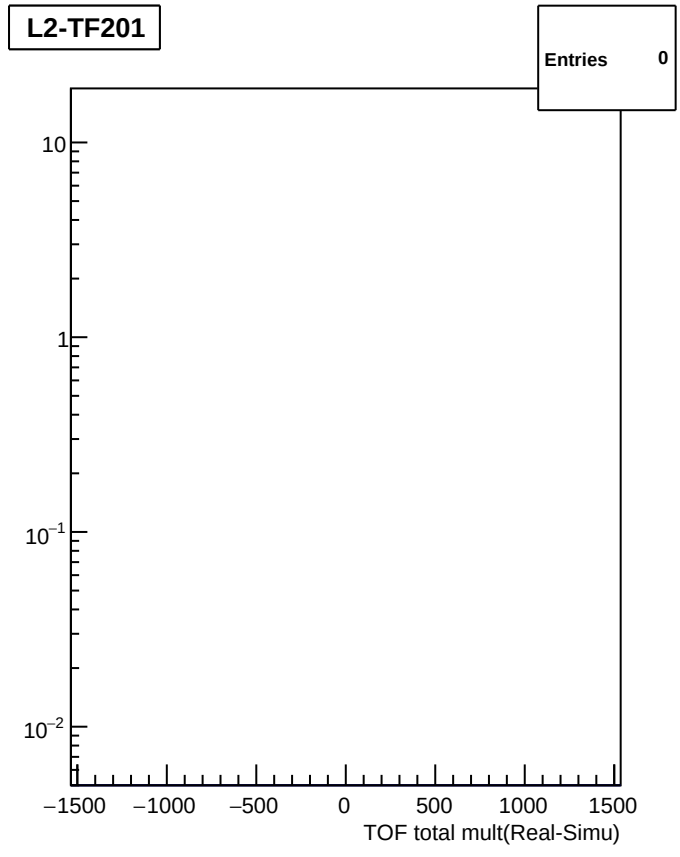

MIX-TF101
Entries 825630
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

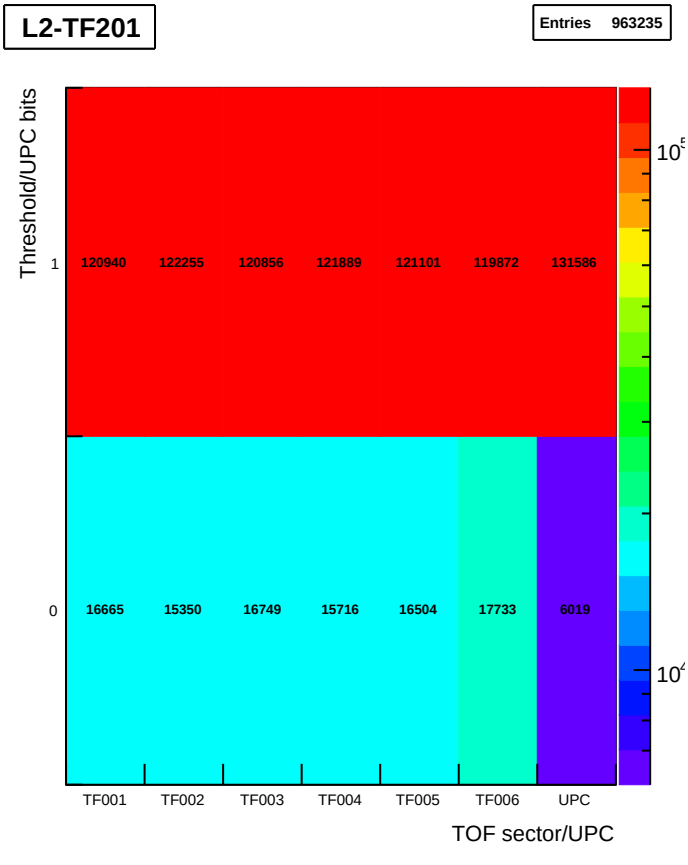

MIX-TF101
Entries 42757
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

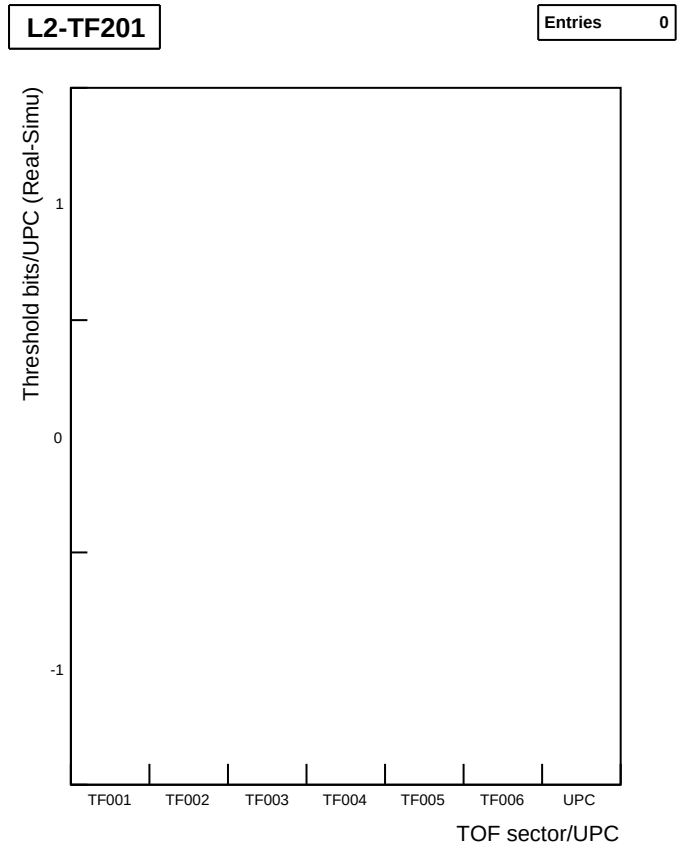

MIX-TF101
Entries 825630
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

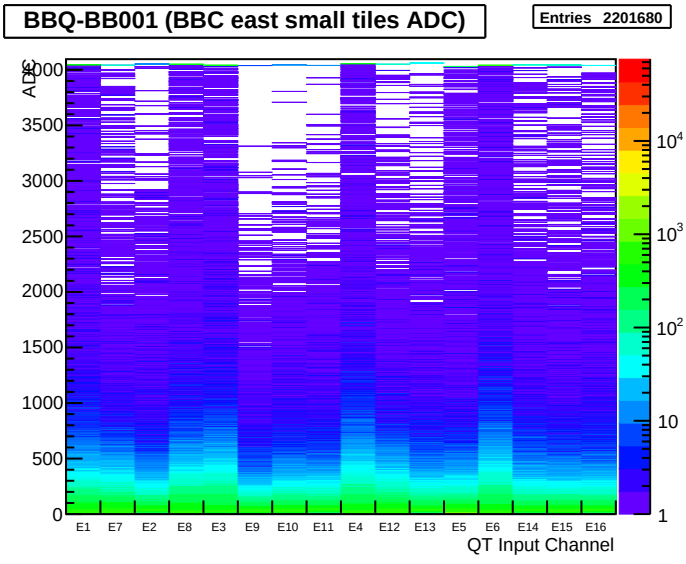

MIX-TF101
Entries 86309
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

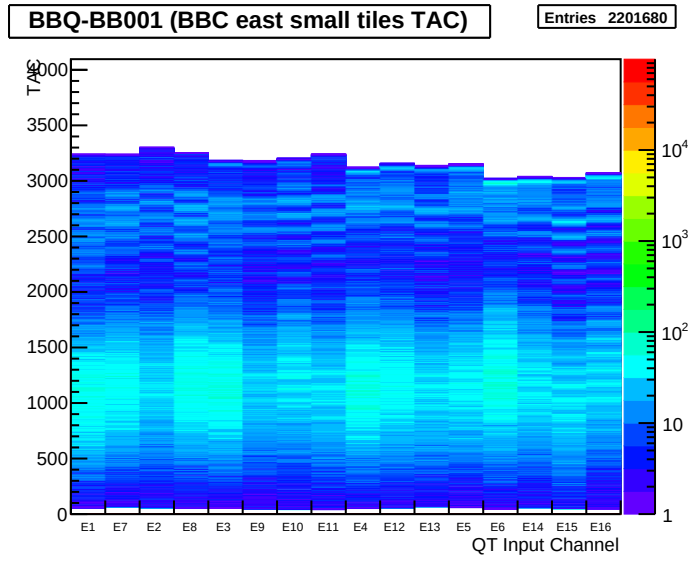

L2-TF201
Entries 137605
TOF total mult

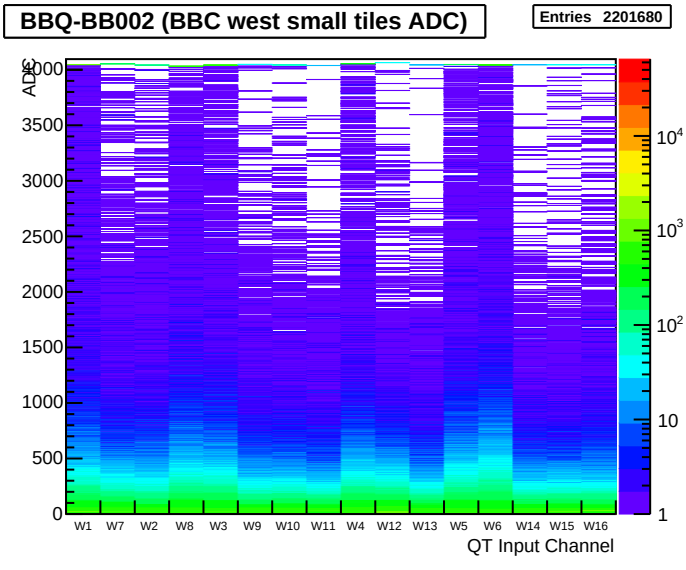

L2-TF201
Entries 0
TOF total mult(Real-Simu)

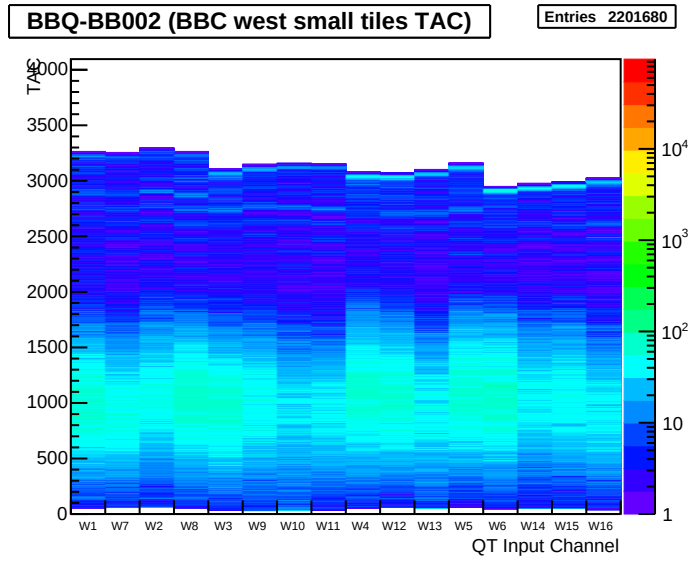

L2-TF201
Entries 963235
Threshold/UPC bits
120940
122255
120856
121889
121101
119872
131586
16665
15350
16749
15716
16504
17733
6019
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

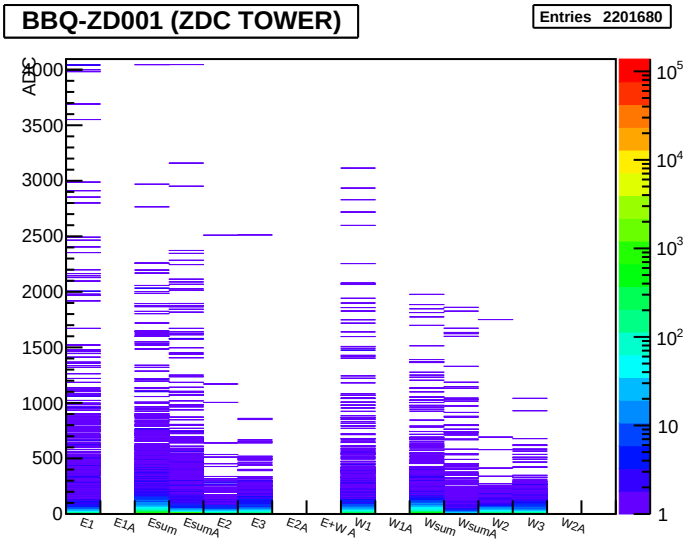

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

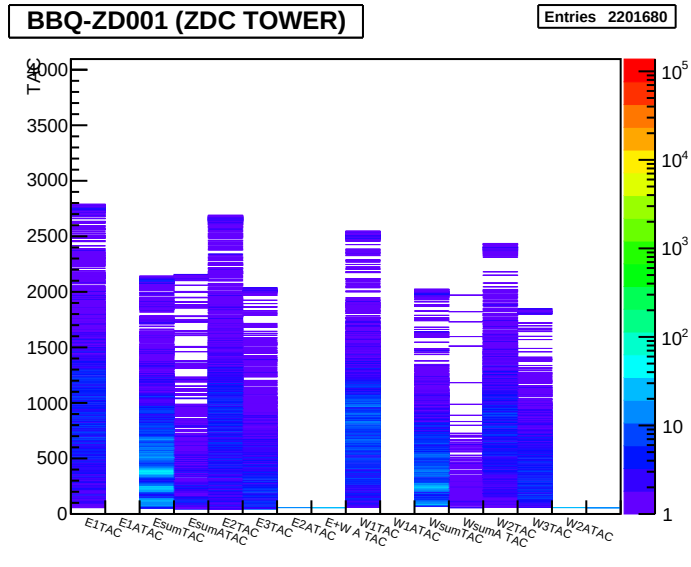

BBQ-BB001 (BBC east small tiles ADC)
Entries 2201680
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

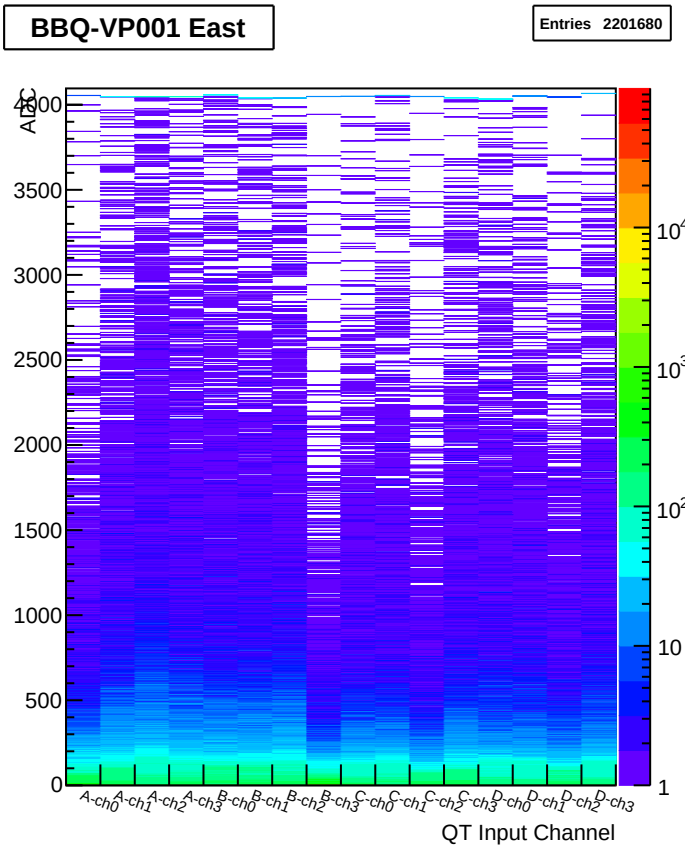

BBQ-BB001 (BBC east small tiles TAC)
Entries 2201680
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

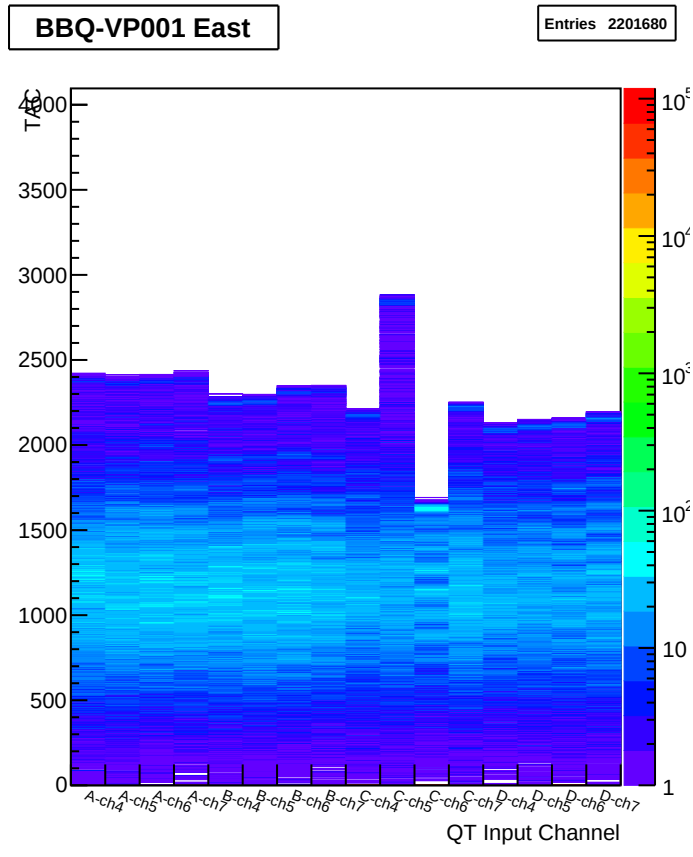

BBQ-BB002 (BBC west small tiles ADC)
Entries 2201680
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

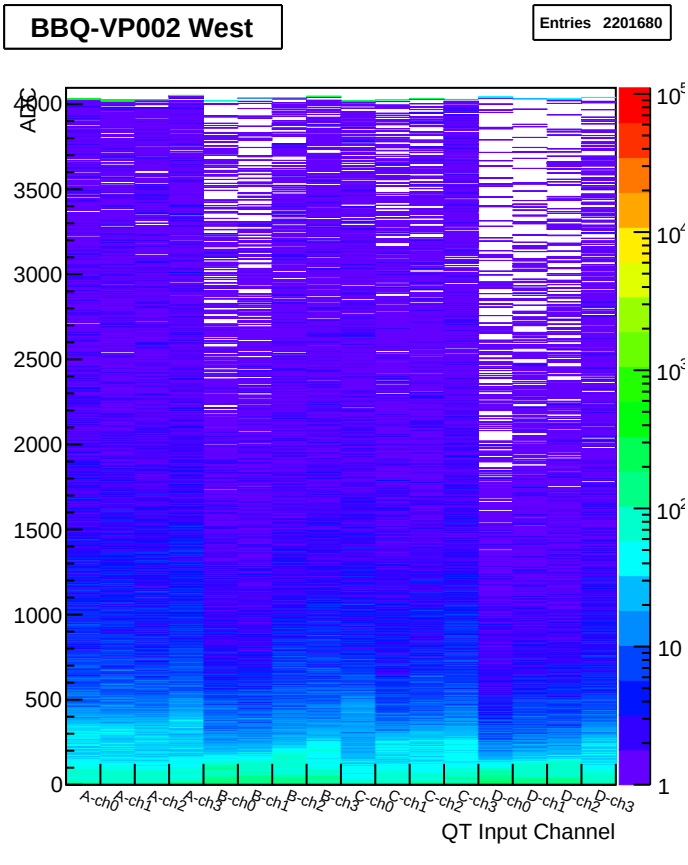

BBQ-BB002 (BBC west small tiles TAC)
Entries 2201680
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

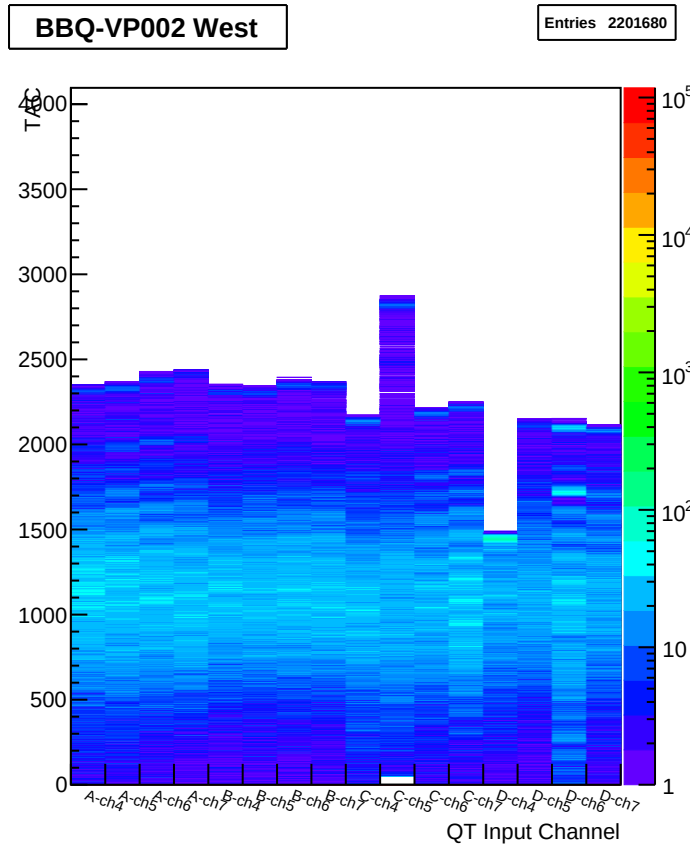

BBQ-ZD001 (ZDC TOWER)
Entries 2201680
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

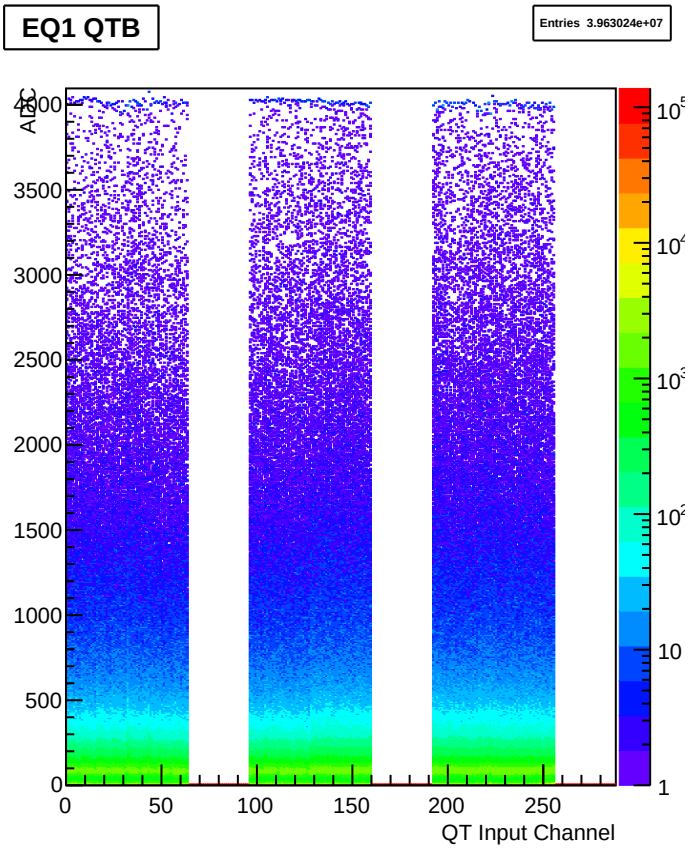

BBQ-ZD001 (ZDC TOWER)
Entries 2201680
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

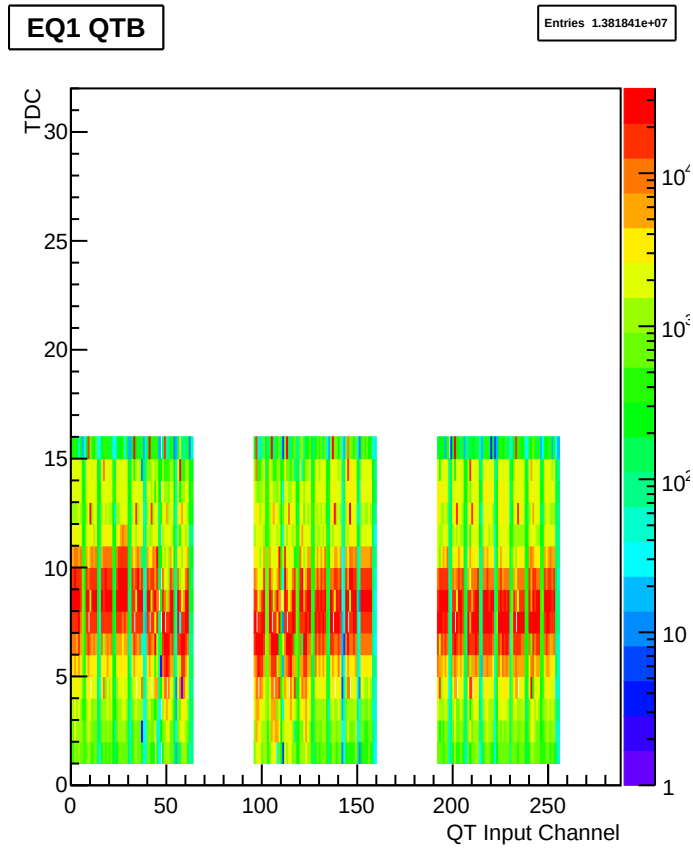

BBQ-VP001 East
Entries 2201680
ADC
QT Input Channel

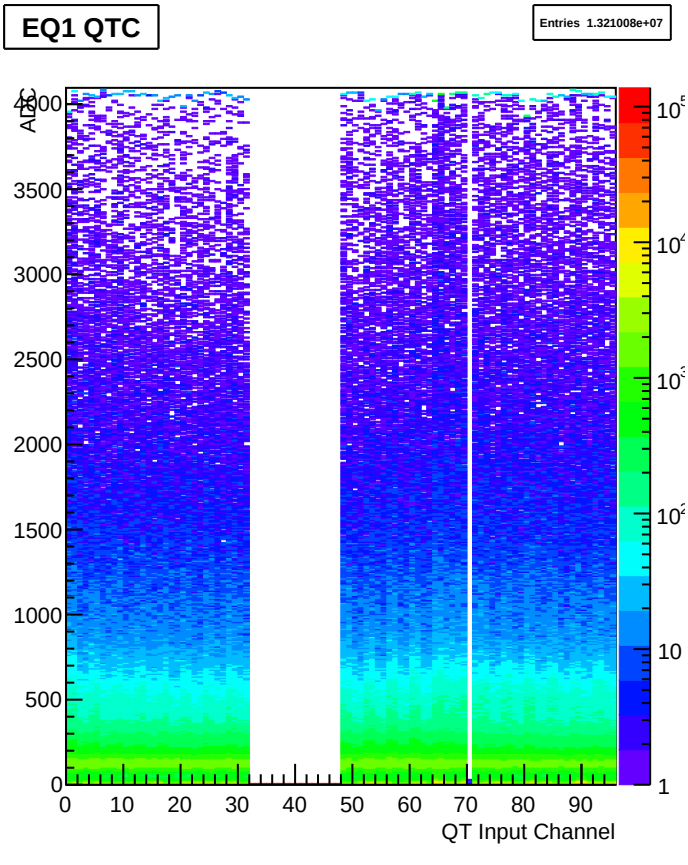

BBQ-VP001 East
Entries 2201680
TADC
QT Input Channel

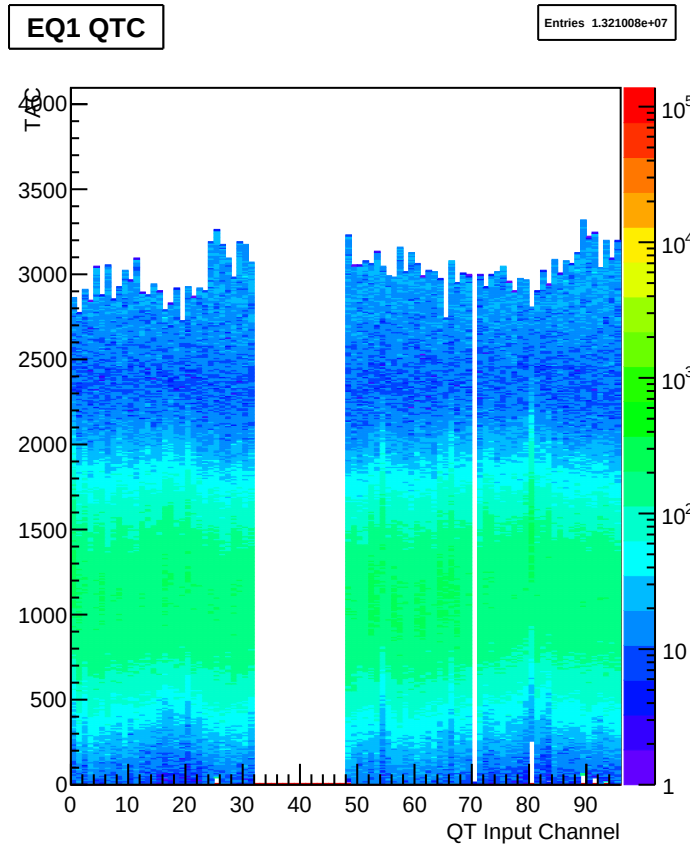

BBQ-VP002 West
Entries 2201680
ADC
QT Input Channel

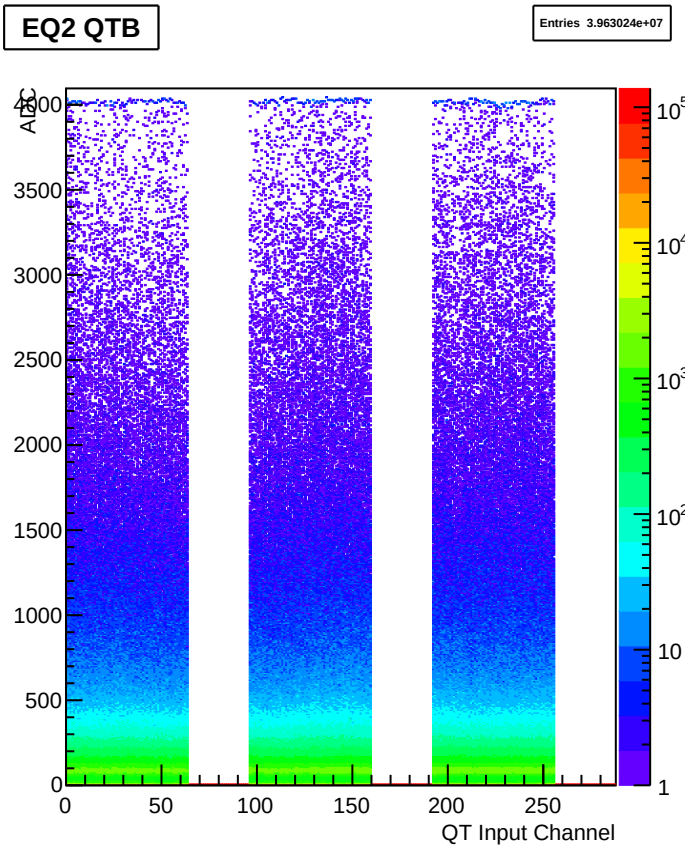

BBQ-VP002 West
Entries 2201680
TADC
QT Input Channel

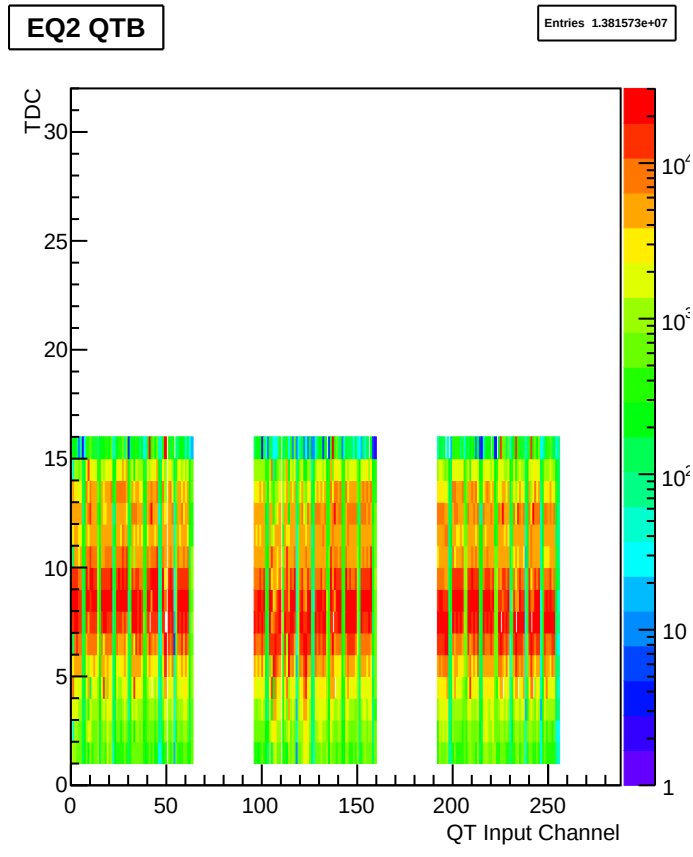

EQ1 QTB
Entries 3.963024e+07
ADC
QT Input Channel

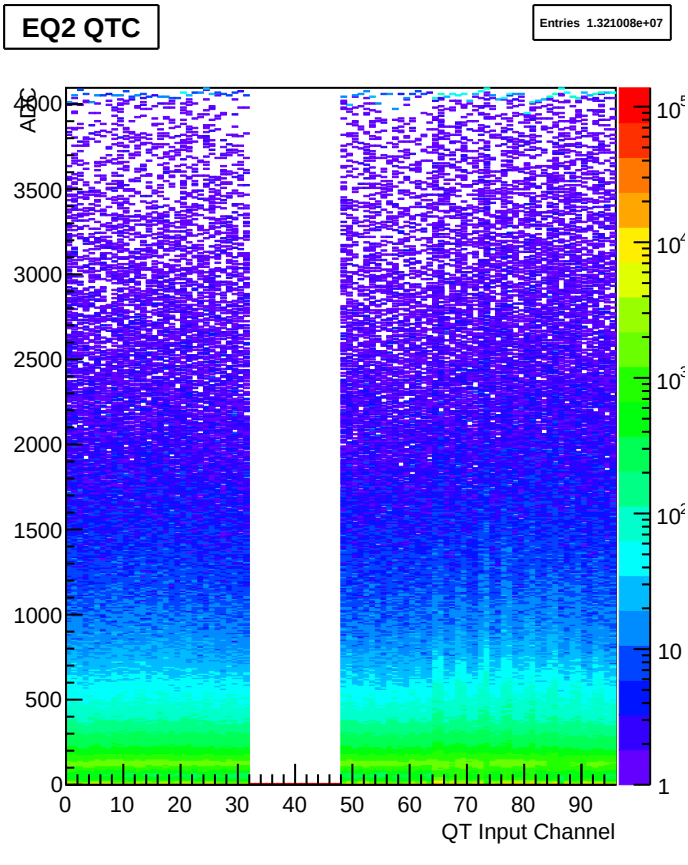

EQ1 QTB
Entries 1.381841e+07
TDC
QT Input Channel

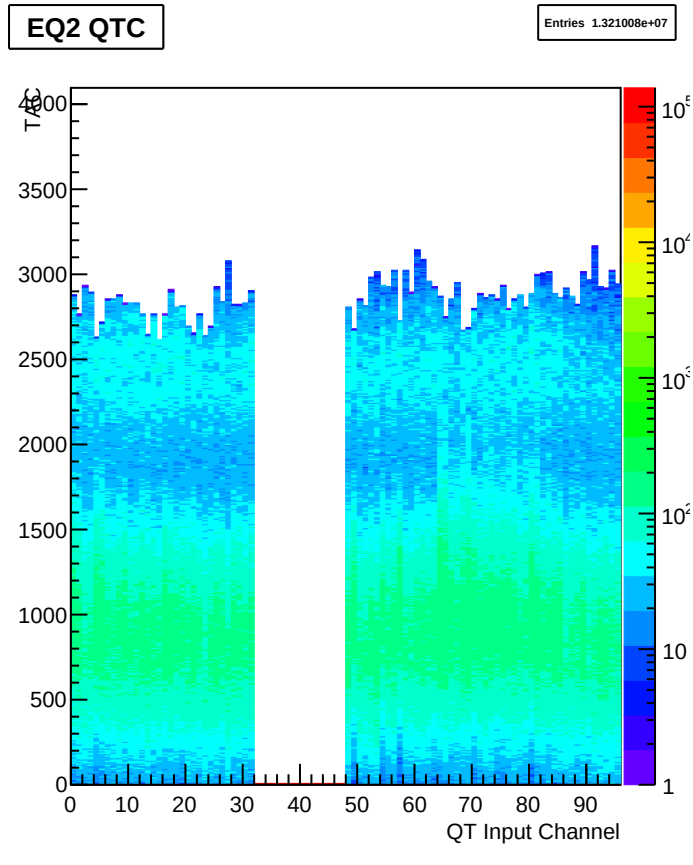

EQ1 QTC
Entries 1.321008e+07
ADC
QT Input Channel

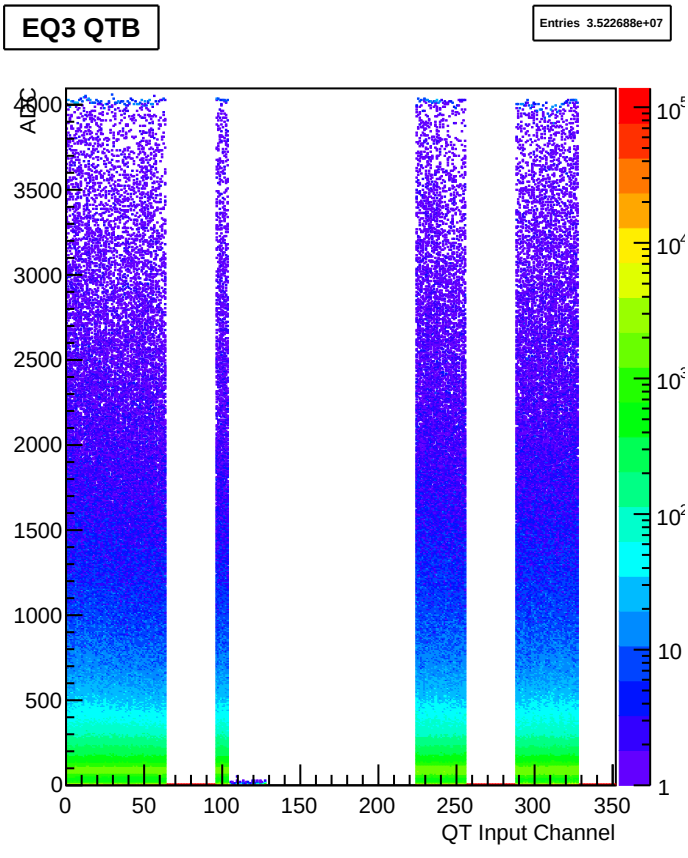

EQ1 QTC
Entries 1.321008e+07
TADC
QT Input Channel

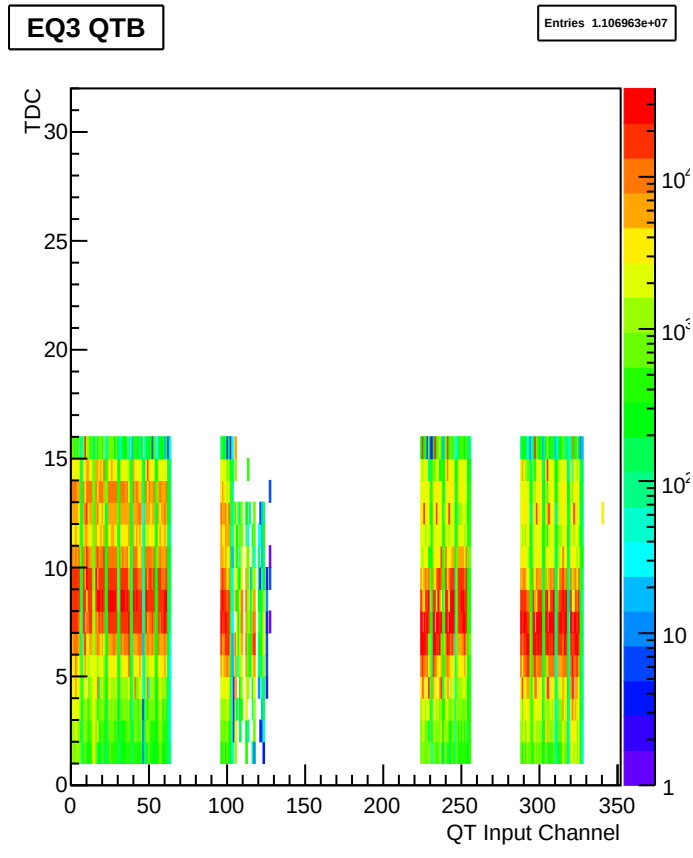

EQ2 QTB
Entries 3.963024e+07
ADC
QT Input Channel

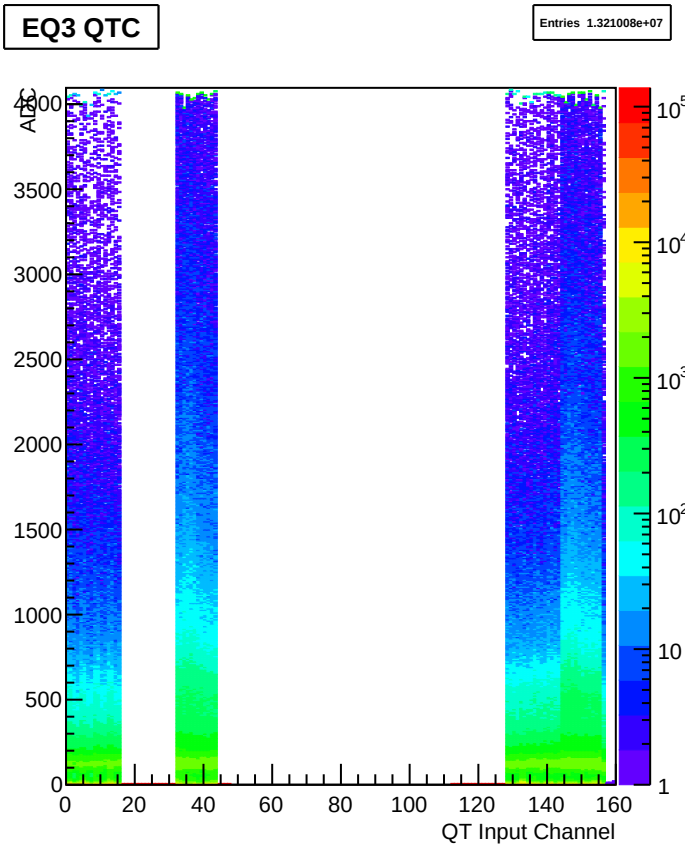

EQ2 QTB
Entries 1.381573e+07
TDC
QT Input Channel

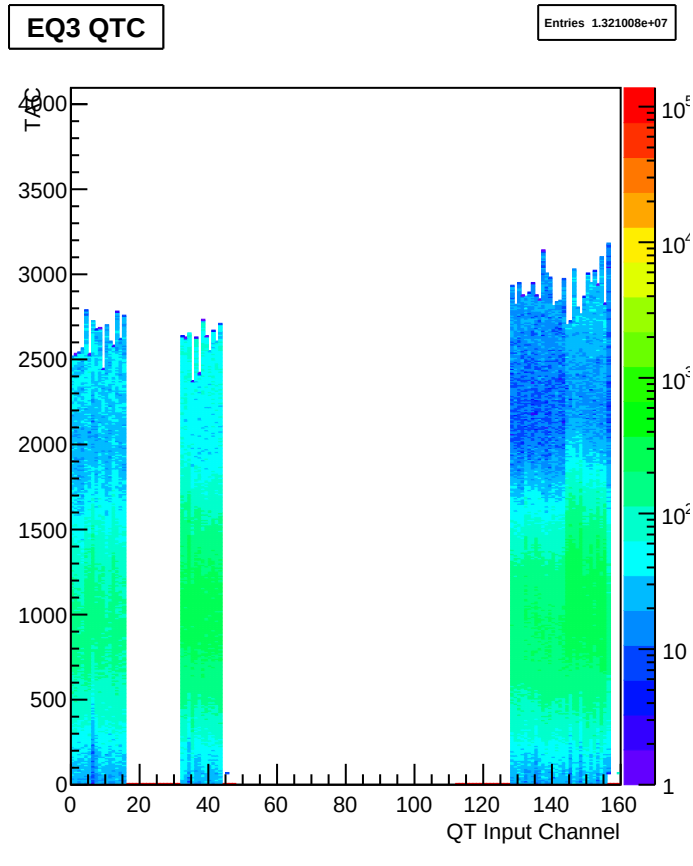

EQ2 QTC
Entries 1.321008e+07
ADC
QT Input Channel

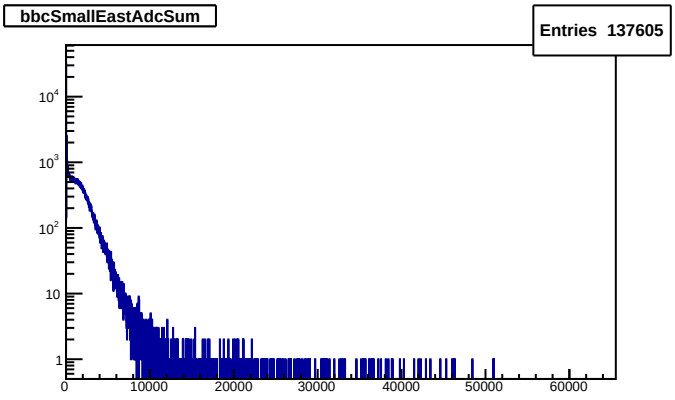

EQ2 QTC
Entries 1.321008e+07
TADC
QT Input Channel

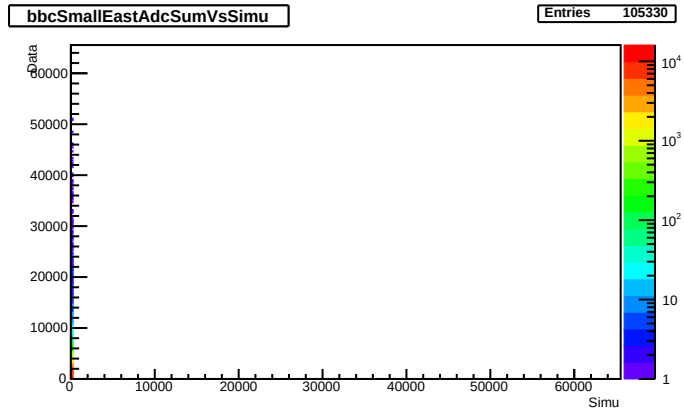

EQ3 QTB
Entries 3.522688e+07
ADC
QT Input Channel

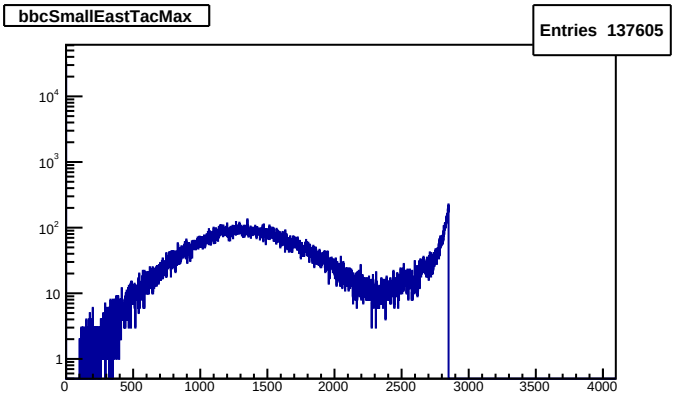

EQ3 QTB
Entries 1.106963e+07
TDC
QT Input Channel

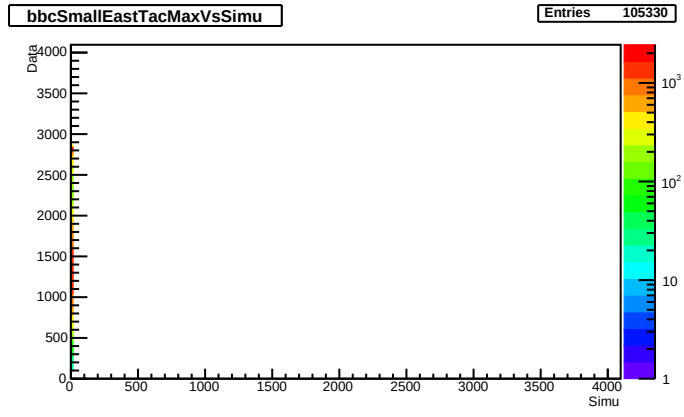

EQ3 QTC
Entries 1.321008e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.321008e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 137605


bbcSmallEastAdcSumVsSimu
Entries 105330
Data
Simu


bbcSmallEastTacMax
Entries 137605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Data
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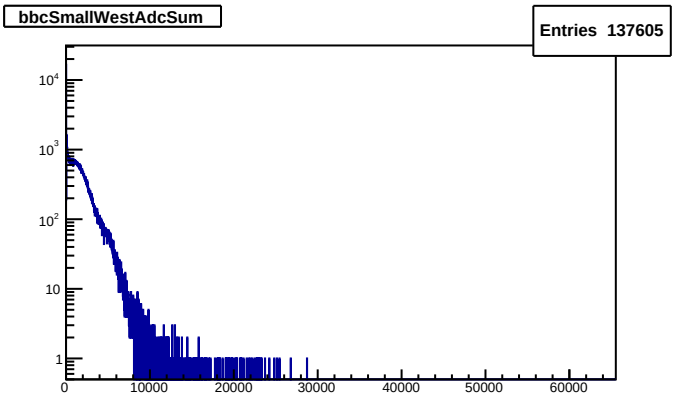
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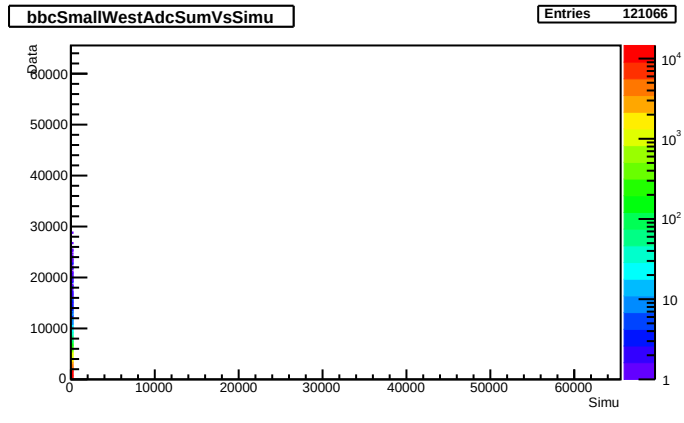
Entries 137605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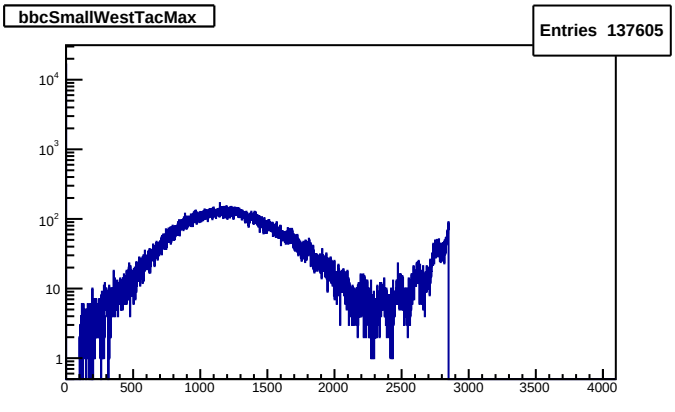
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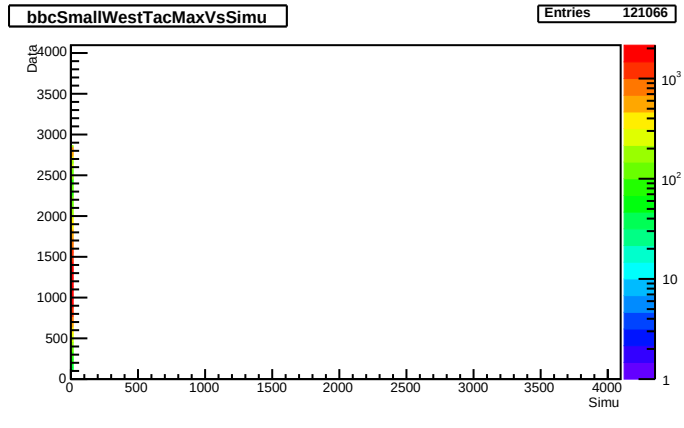
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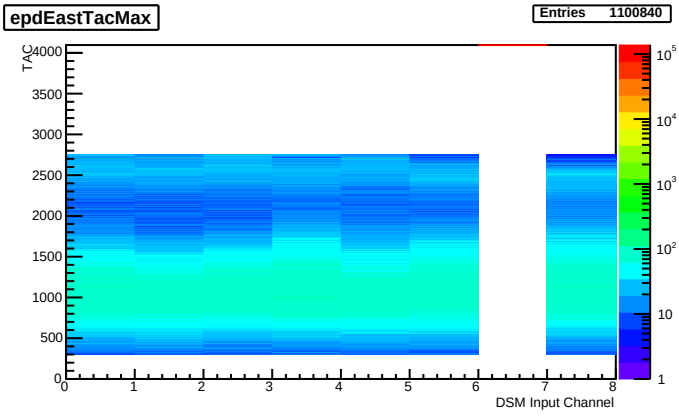
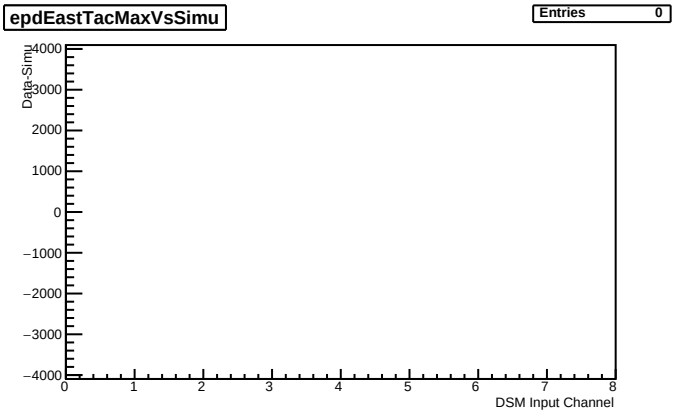
Entries 121066
Data
Simu


epdEastTacMax
Entries 1100840
TAC
DSM Input Channel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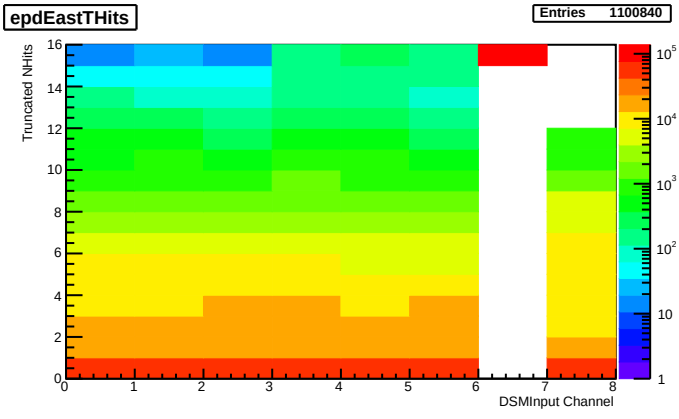
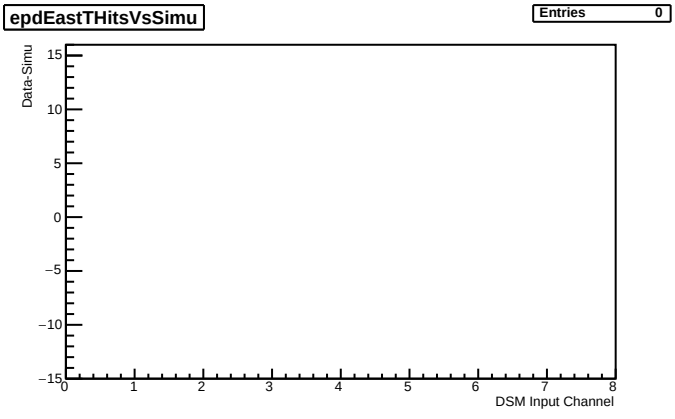
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1100840
Truncated NHits
DSMInput Channel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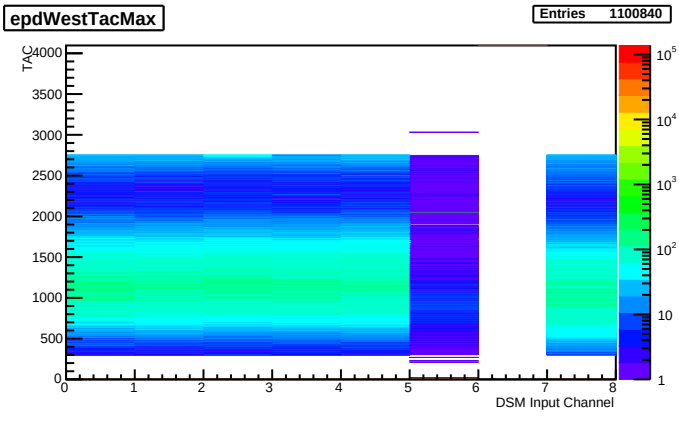
DSM Input Channel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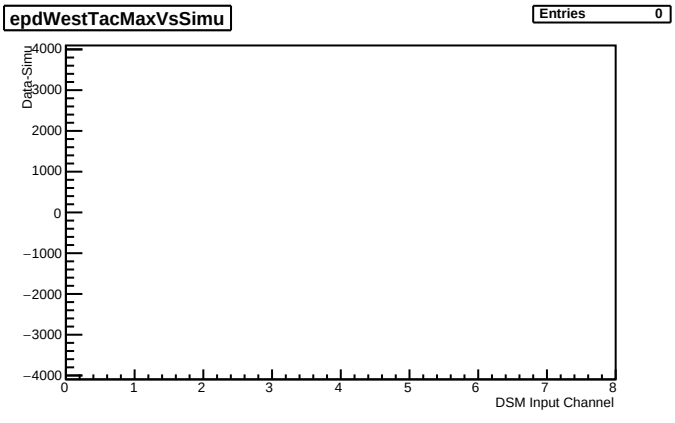
TAC
DSM Input Channel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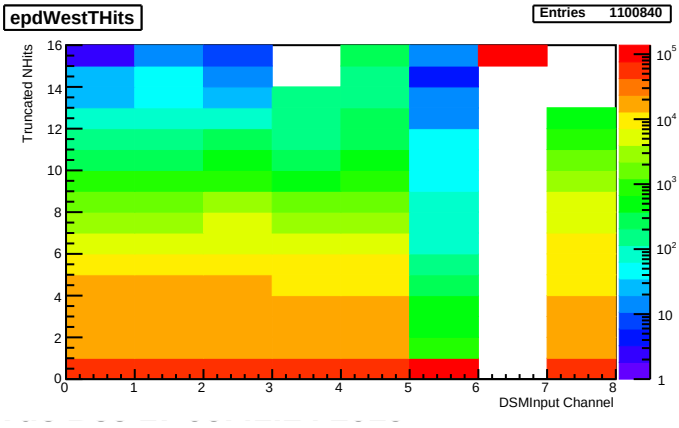
Entries 0
Data-Simu
DSM Input Channel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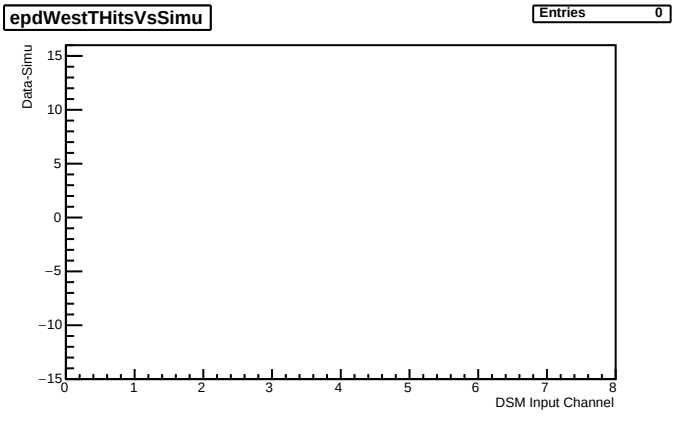
Entries 1100840
Truncated NHits
DSMInput Channel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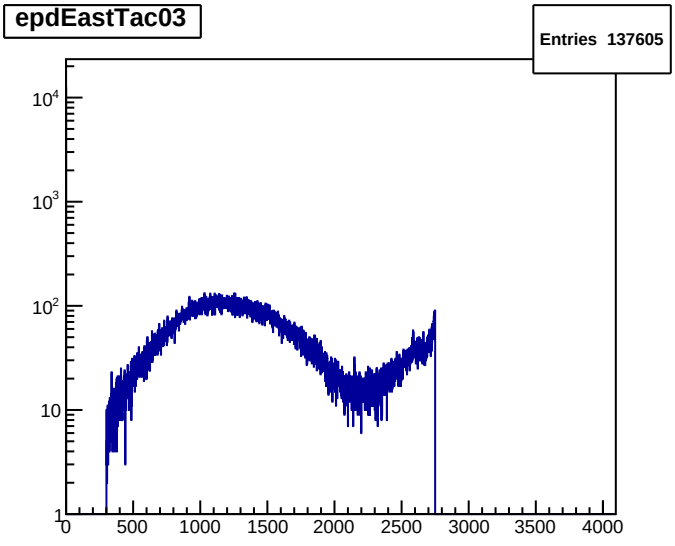
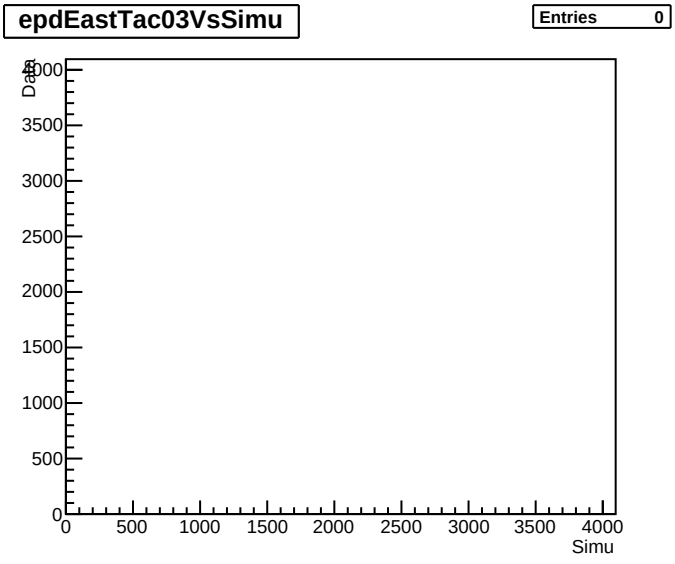
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 137605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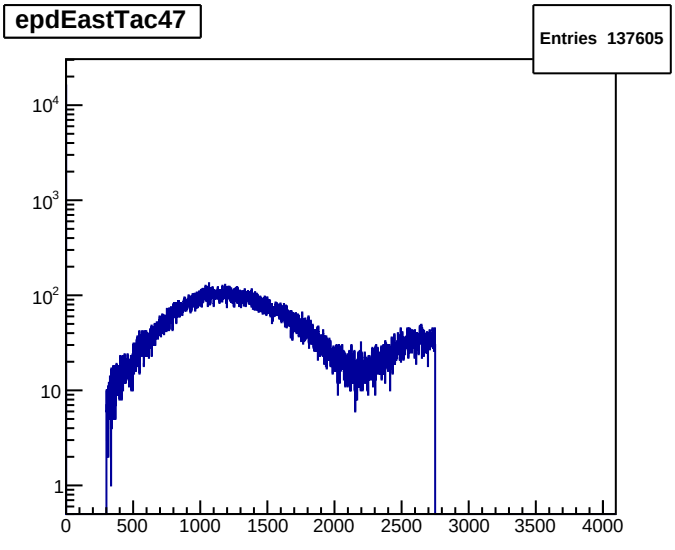
Entries 0
Data
Simu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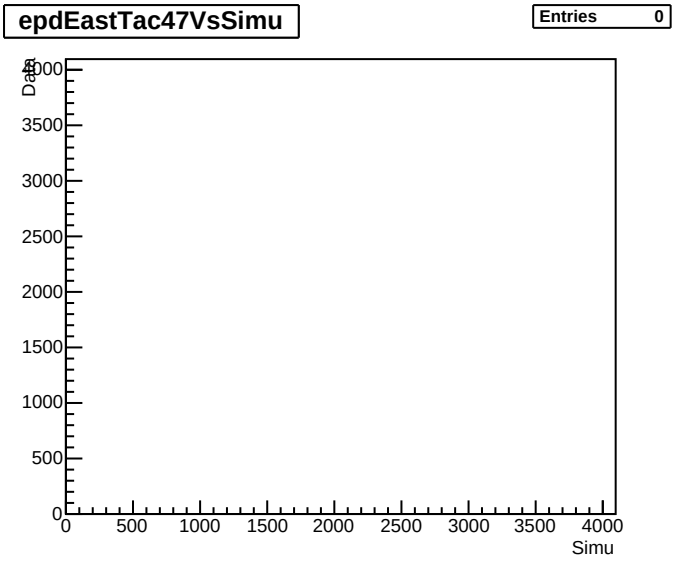
Entries 137605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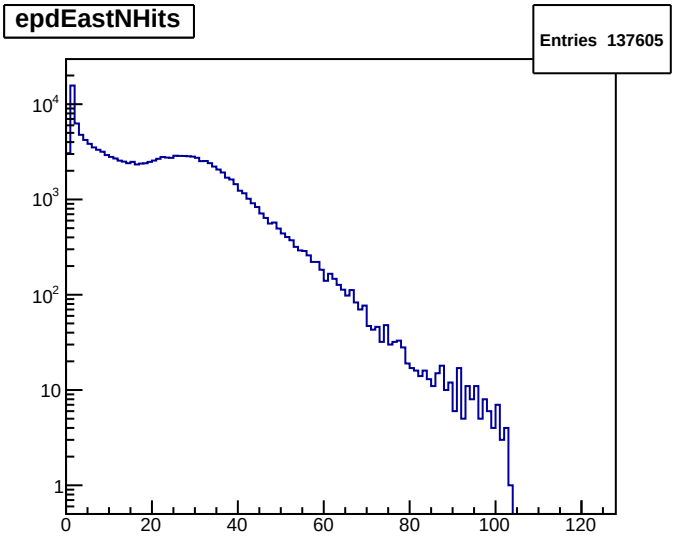
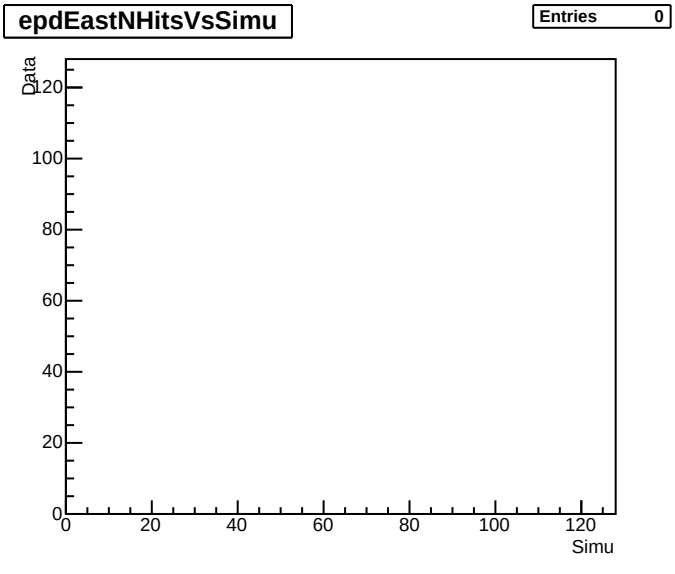
Entries 0
Data
Simu


epdEastNHits
Entries 137605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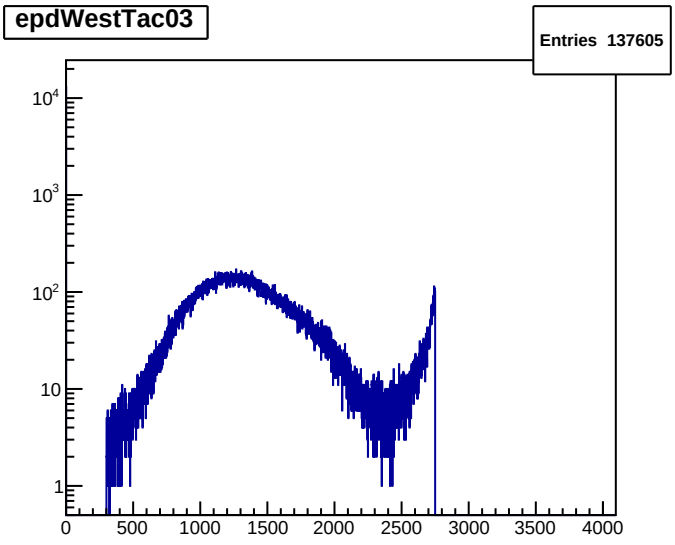
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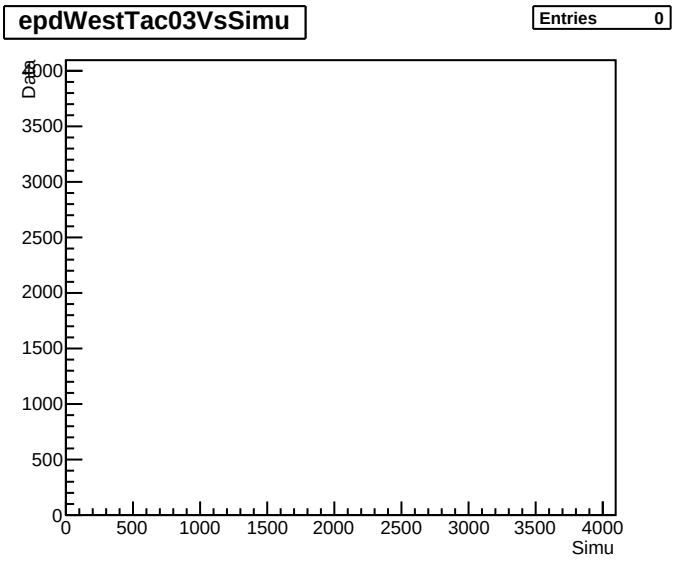
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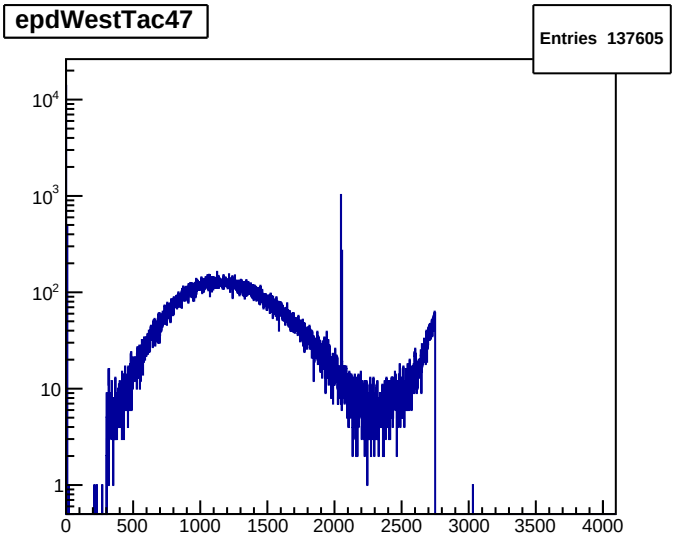
Entries 0
Data
Simu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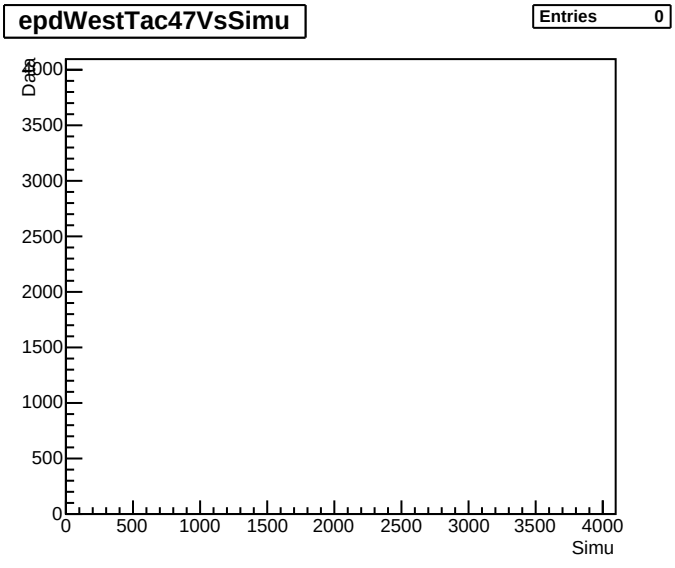
Entries 137605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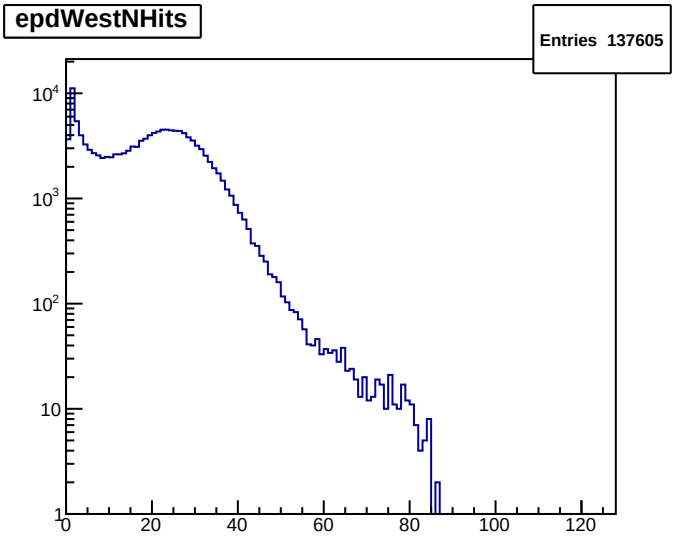
Entries 0
Data
Simu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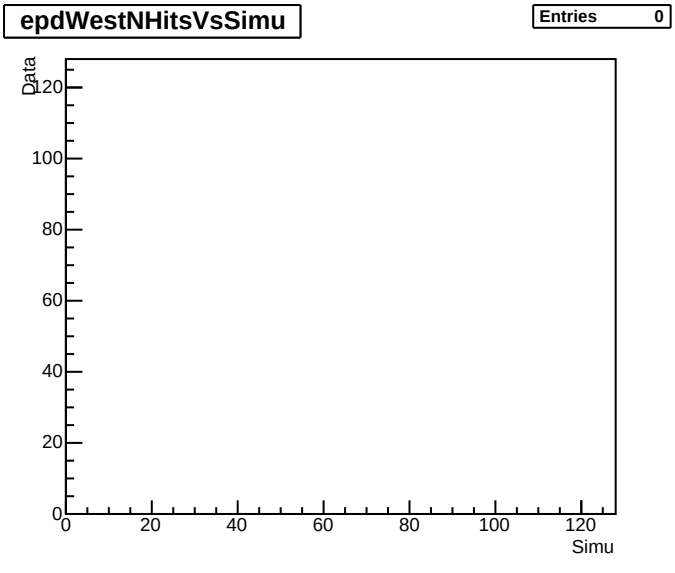
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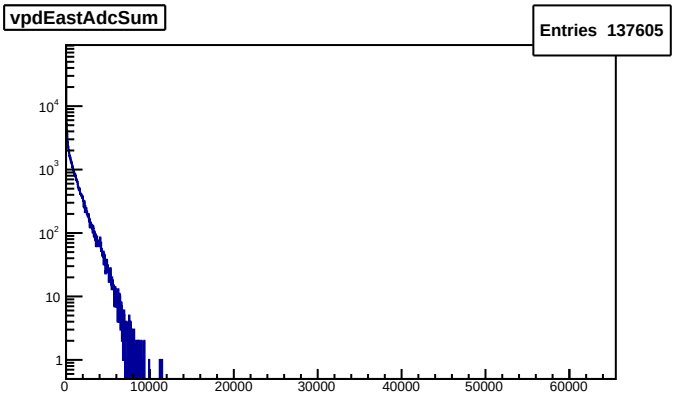
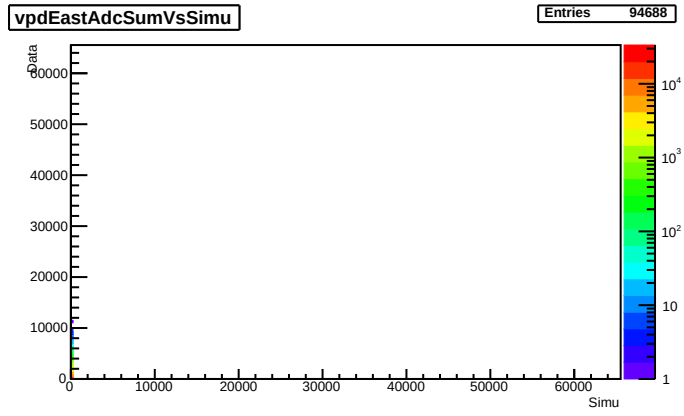
Entries 0
Data
Simu


vpdEastAdcSum
Entries 137605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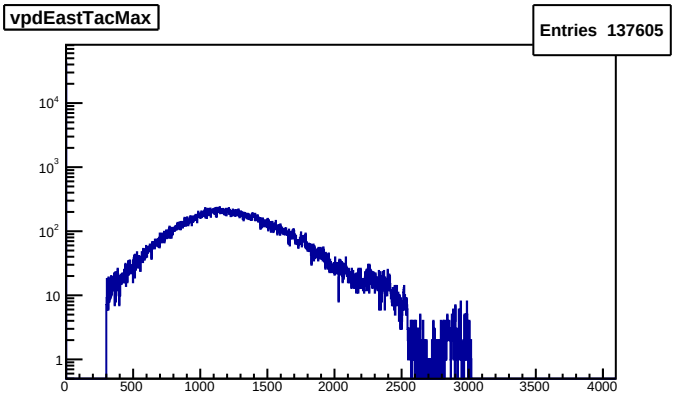
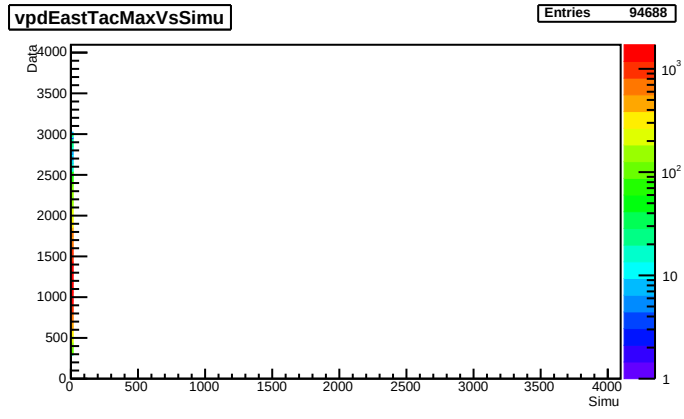
Entries 94688
Data
Simu


vpdEastTacMax
Entries 137605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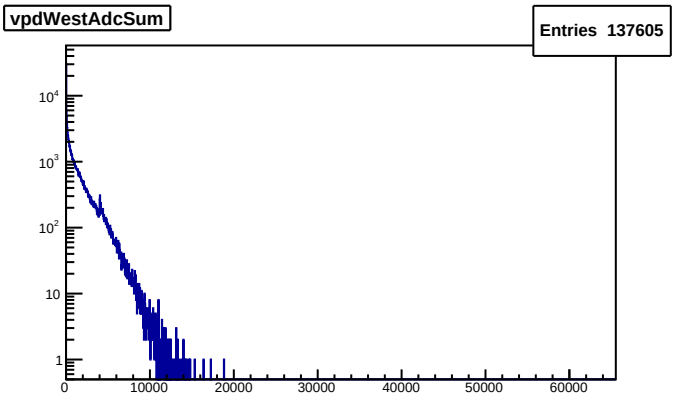
Entries 94688
Data
Simu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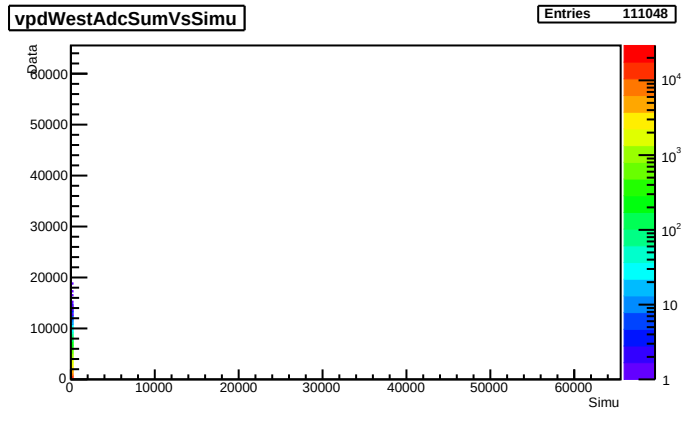
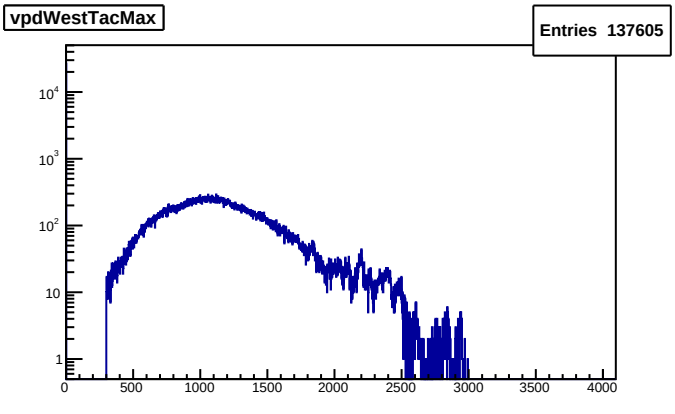
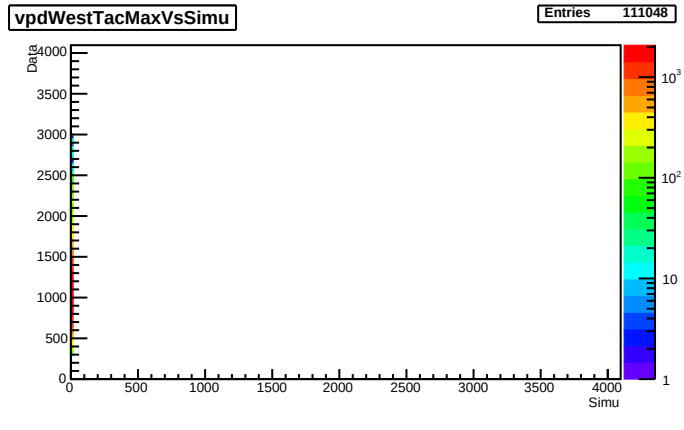

vpdWestAdcSumVsSimu
Entries 111048
Data
Simu


vpdWestTacMax
Entries 137605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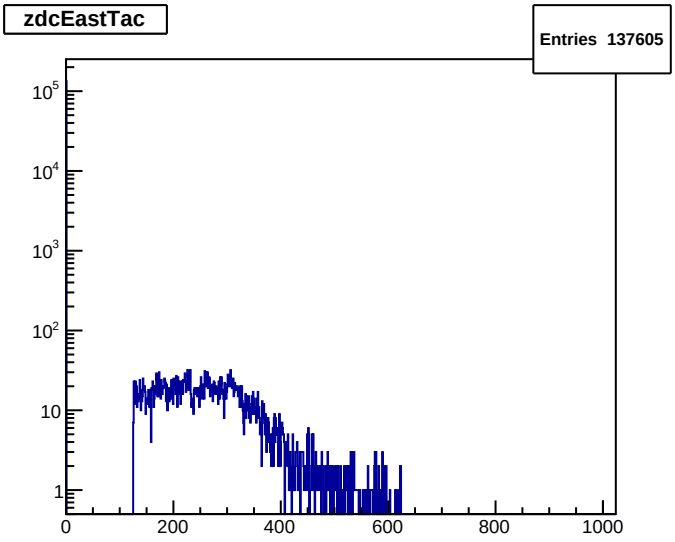
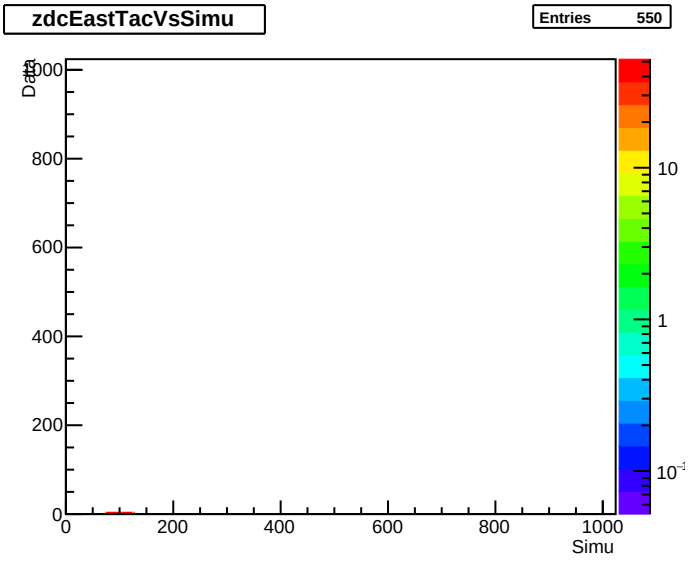
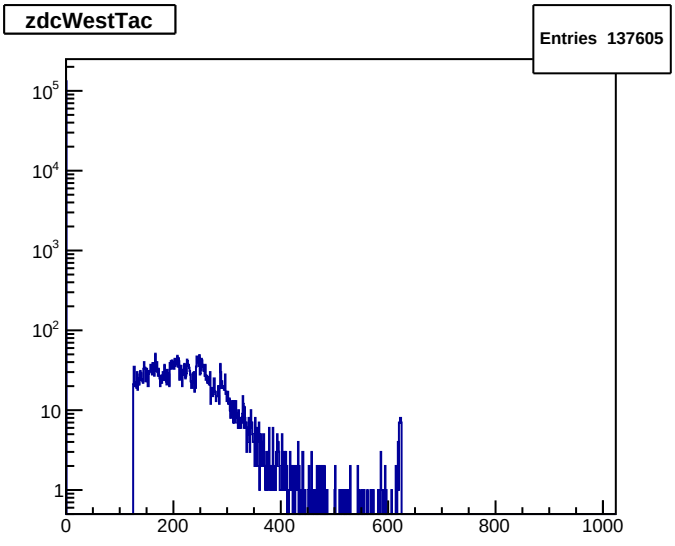
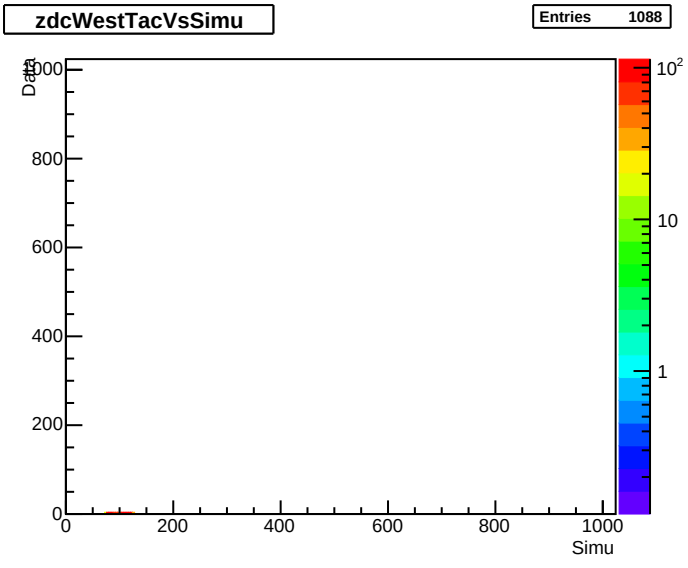
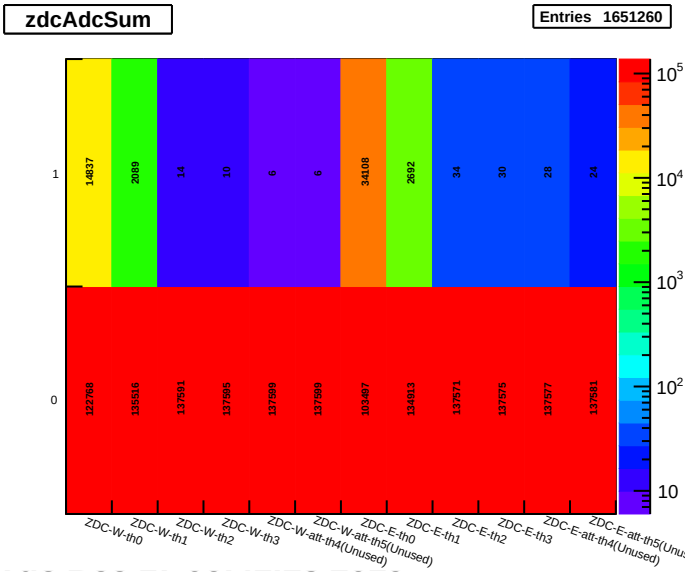
Entries 111048
Data
Simu


zdcEastTac
Entries 137605


zdcEastTacVsSimu
Entries 550
Data
Simu


zdcWestTac
Entries 137605


zdcWestTacVsSimu
Entries 1088
Data
Simu


zdcAdcSum
Entries 1651260
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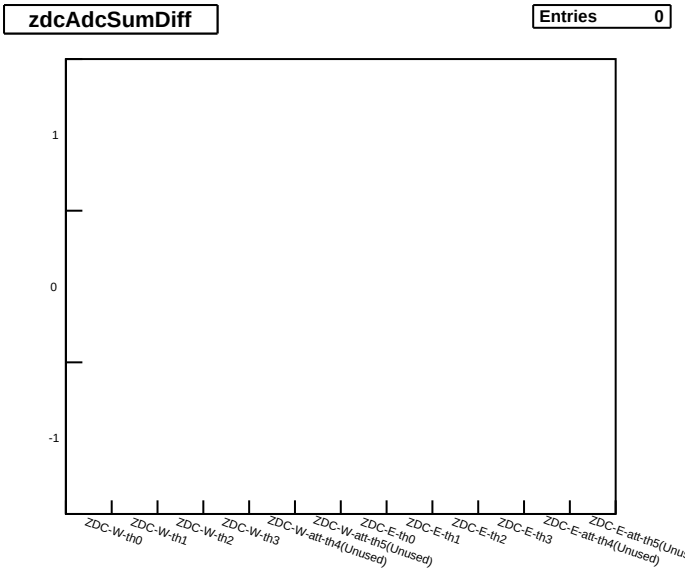
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu


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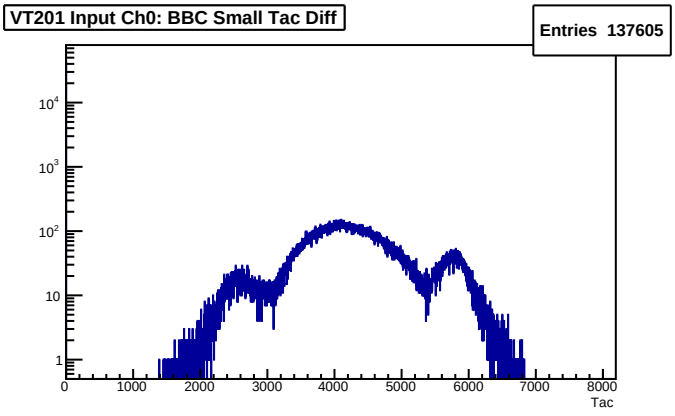
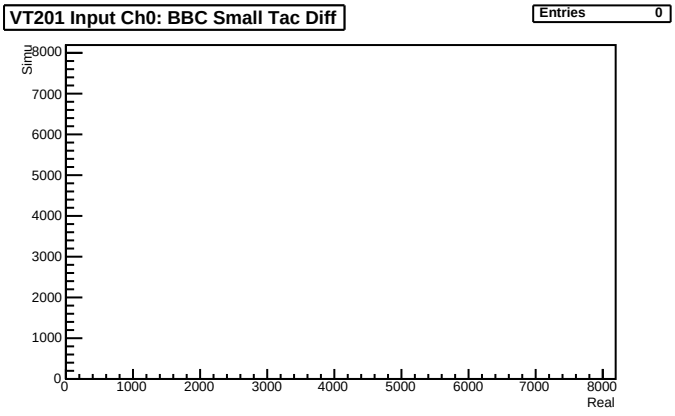
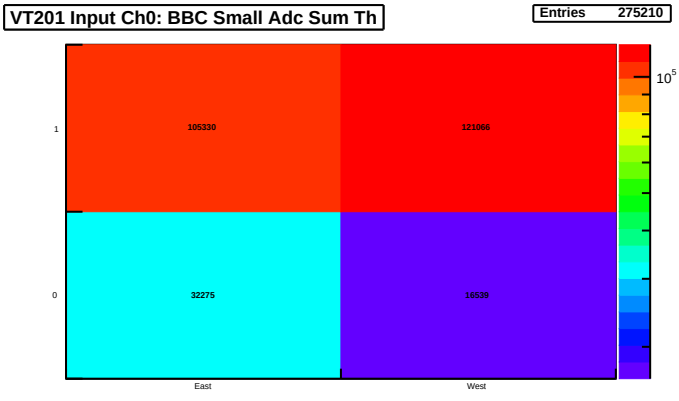
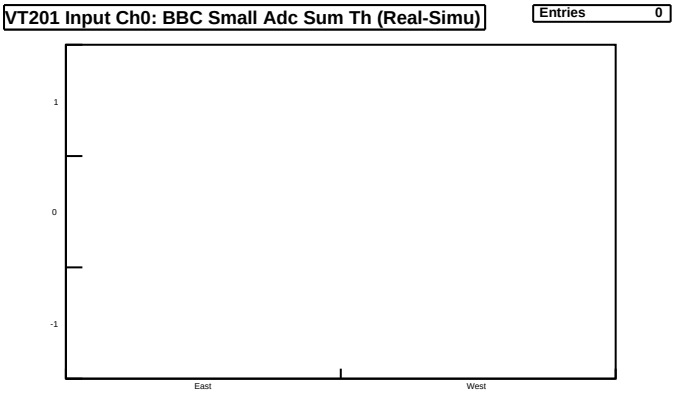
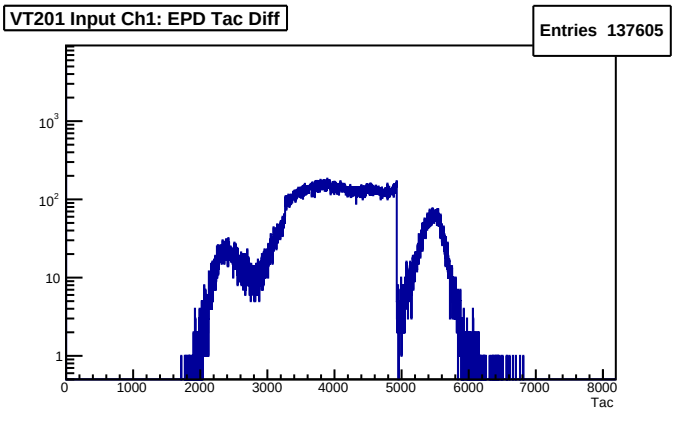
ZDC-E-att-th5(Unu

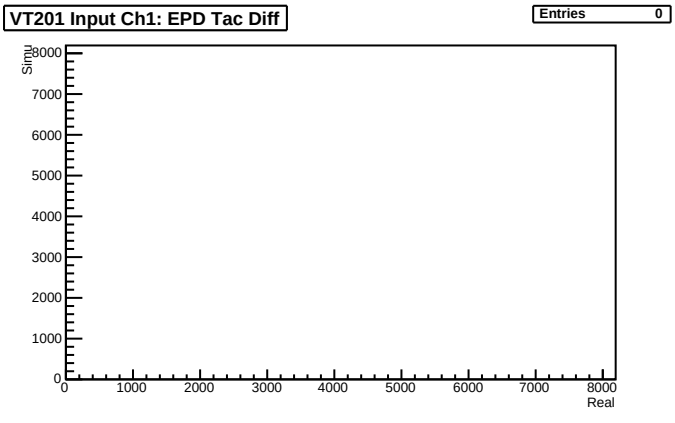

VT201 Input Ch0: BBC Small Tac Diff
Entries 137605
Tac

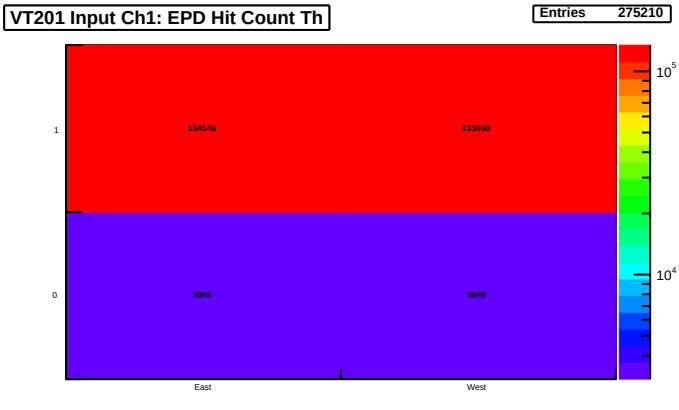

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

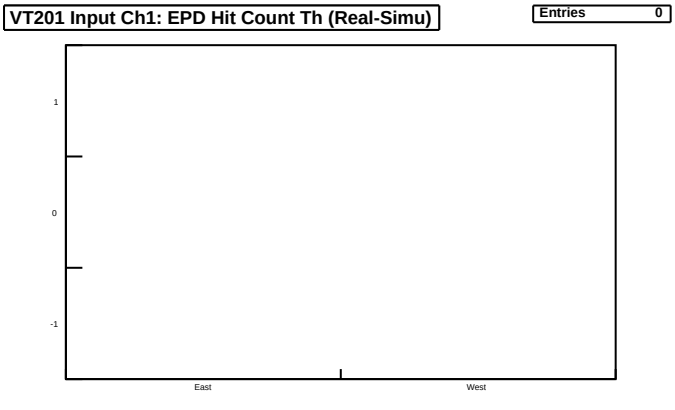

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 275210
105330
121066
32275
16539
East
West

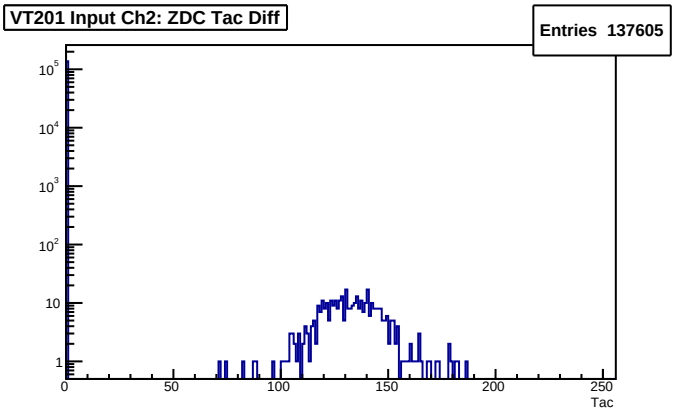

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

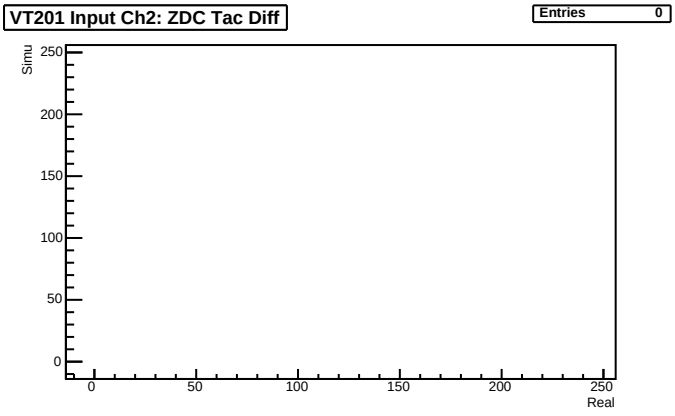

VT201 Input Ch1: EPD Tac Diff
Entries 137605
Tac

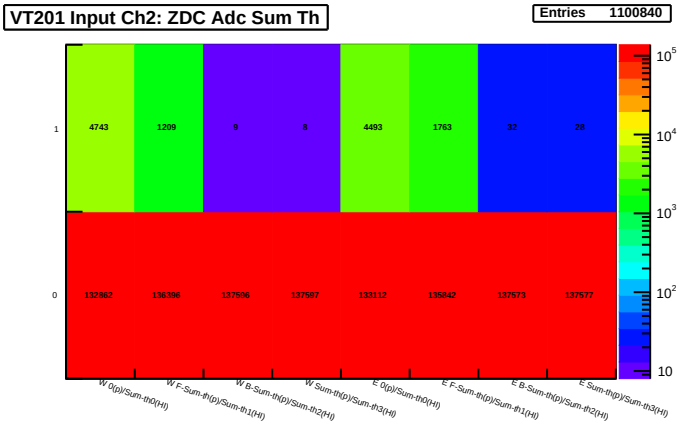

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

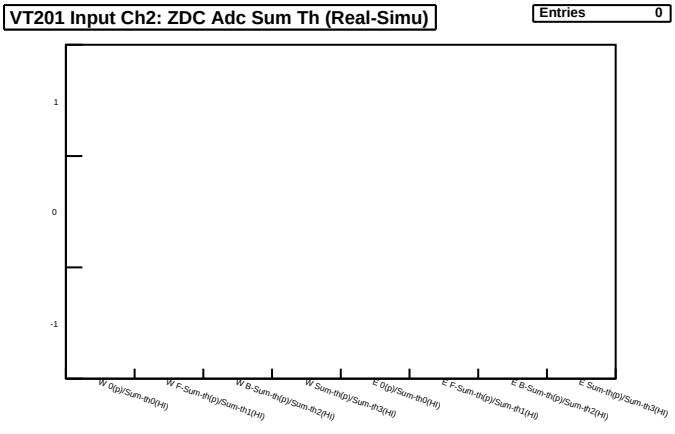

VT201 Input Ch1: EPD Hit Count Th
Entries 275210
134546
133950
3059
3655
East
West

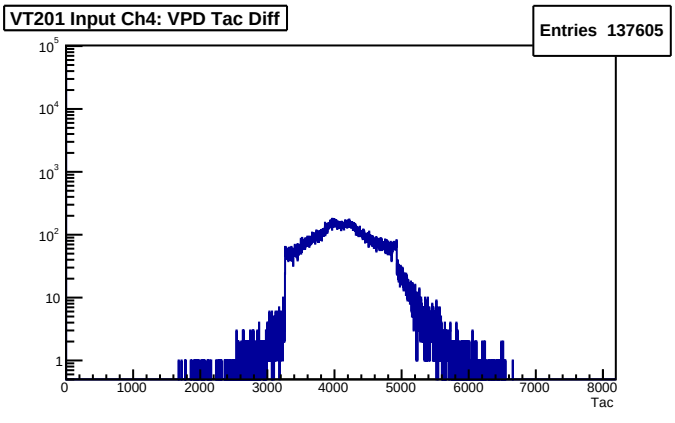

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

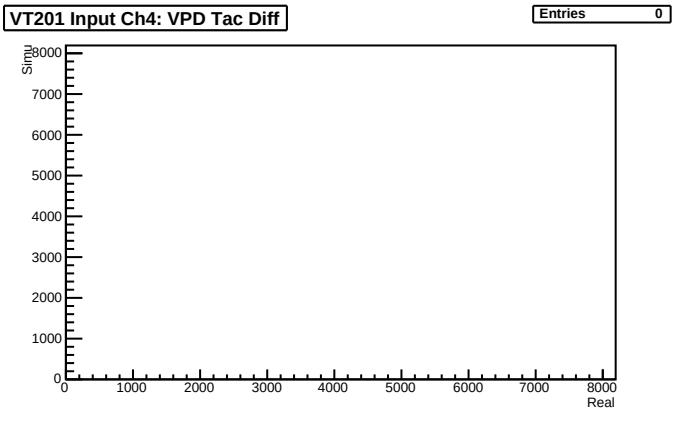

VT201 Input Ch2: ZDC Tac Diff
Entries 137605
Tac

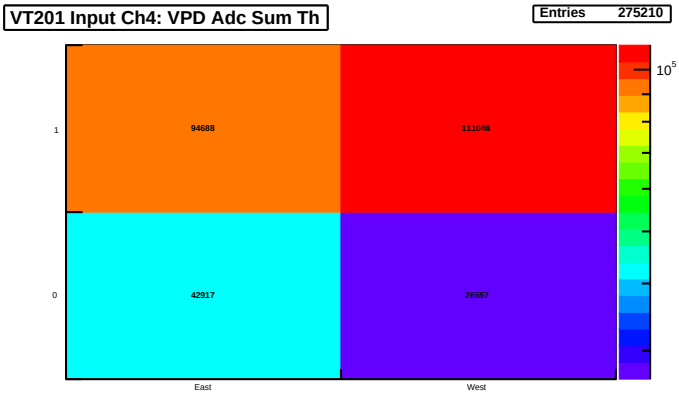

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

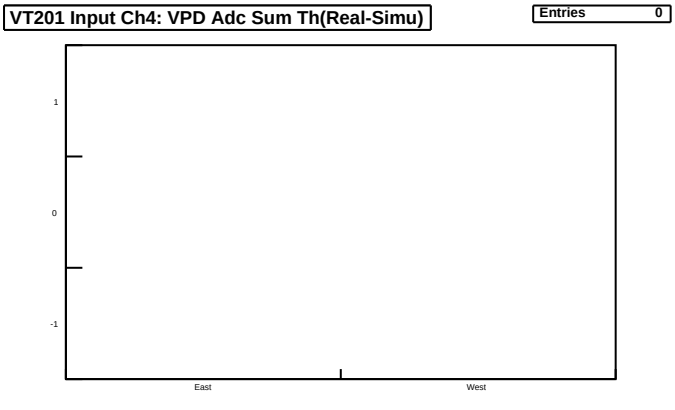

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1100840
4743
1209
9
8
4493
1763
32
28
132862
136396
137596
137597
133112
135842
137573
137577
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

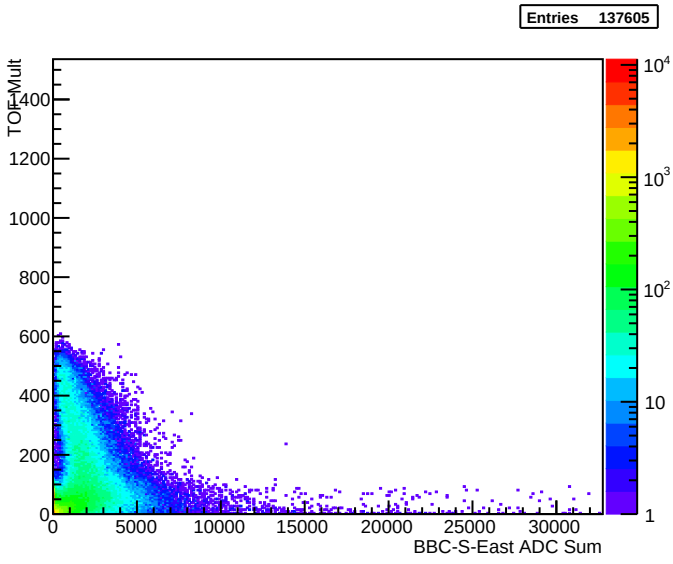

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

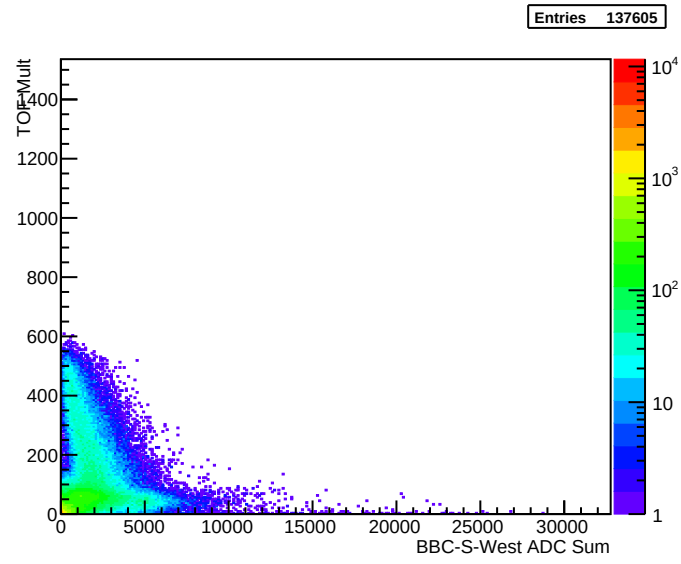

VT201 Input Ch4: VPD Tac Diff
Entries 137605
Tac

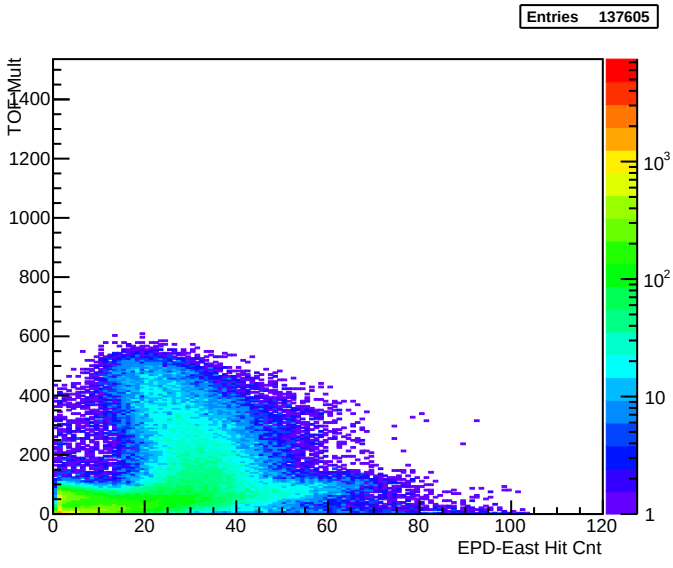

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

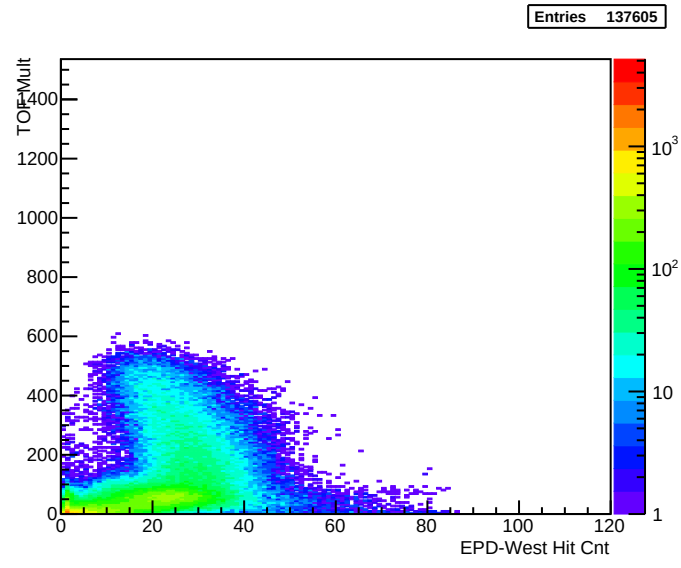

VT201 Input Ch4: VPD Adc Sum Th
Entries 275210
94688
111048
42917
26557
East
West

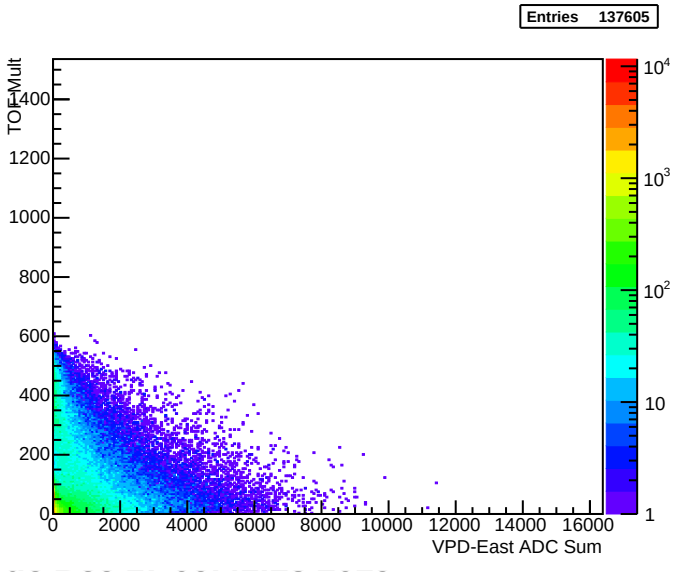

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

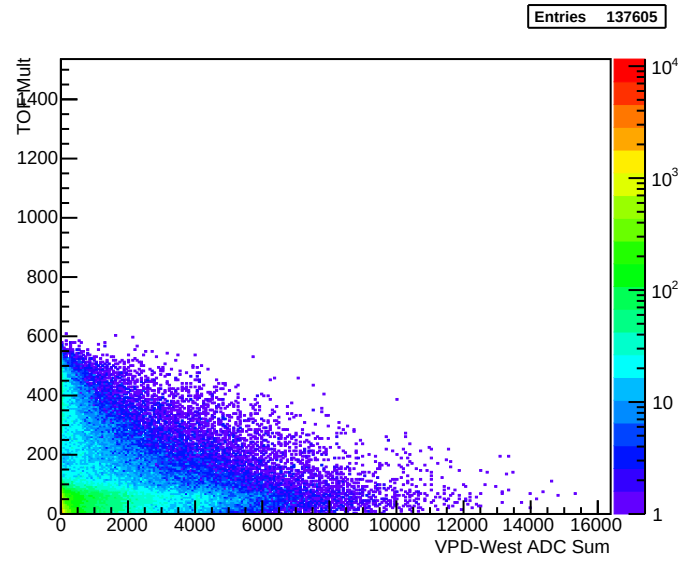

Entries 137605
TOF-Mult
BBC-S-East ADC Sum

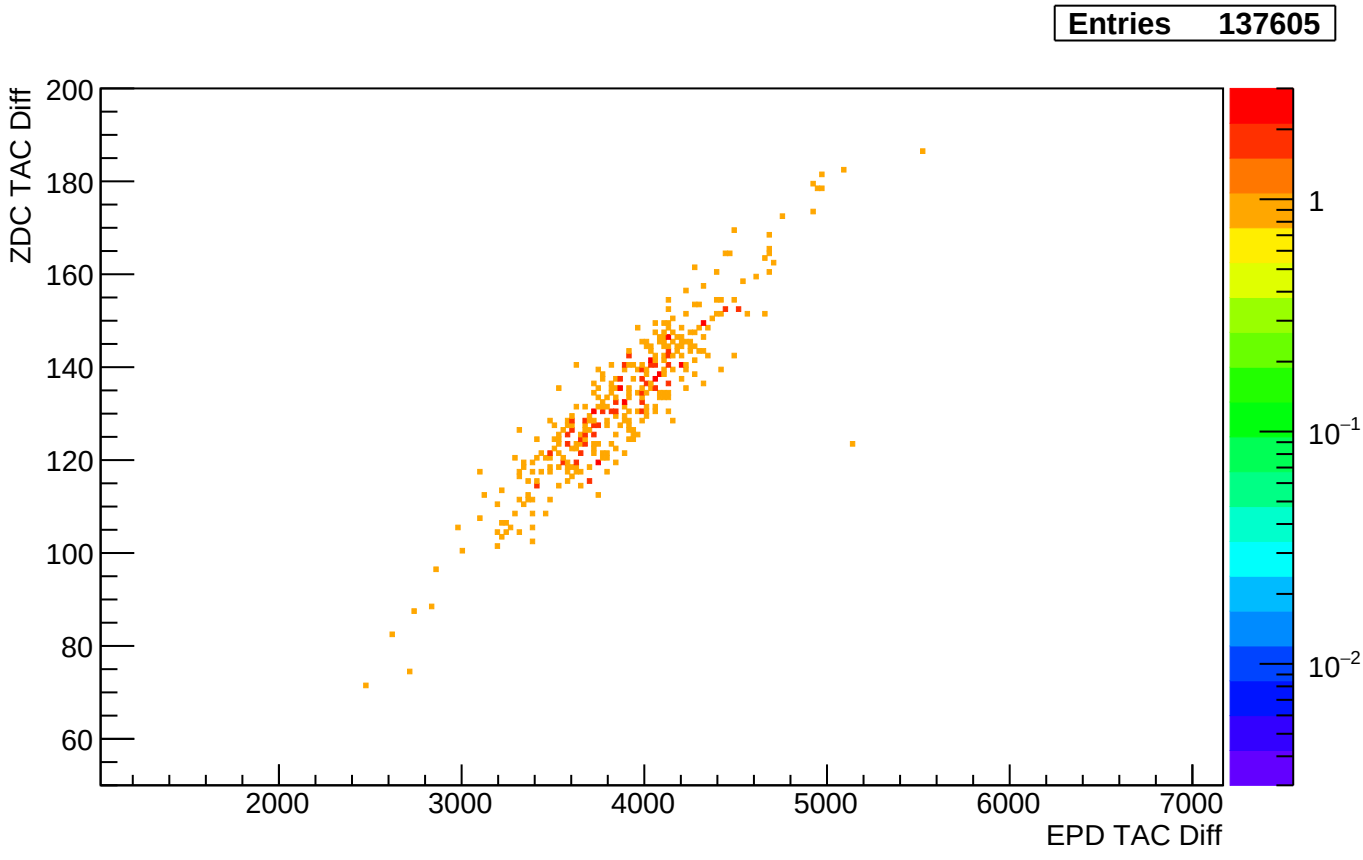

Entries 137605
TOF-Mult
BBC-S-West ADC Sum

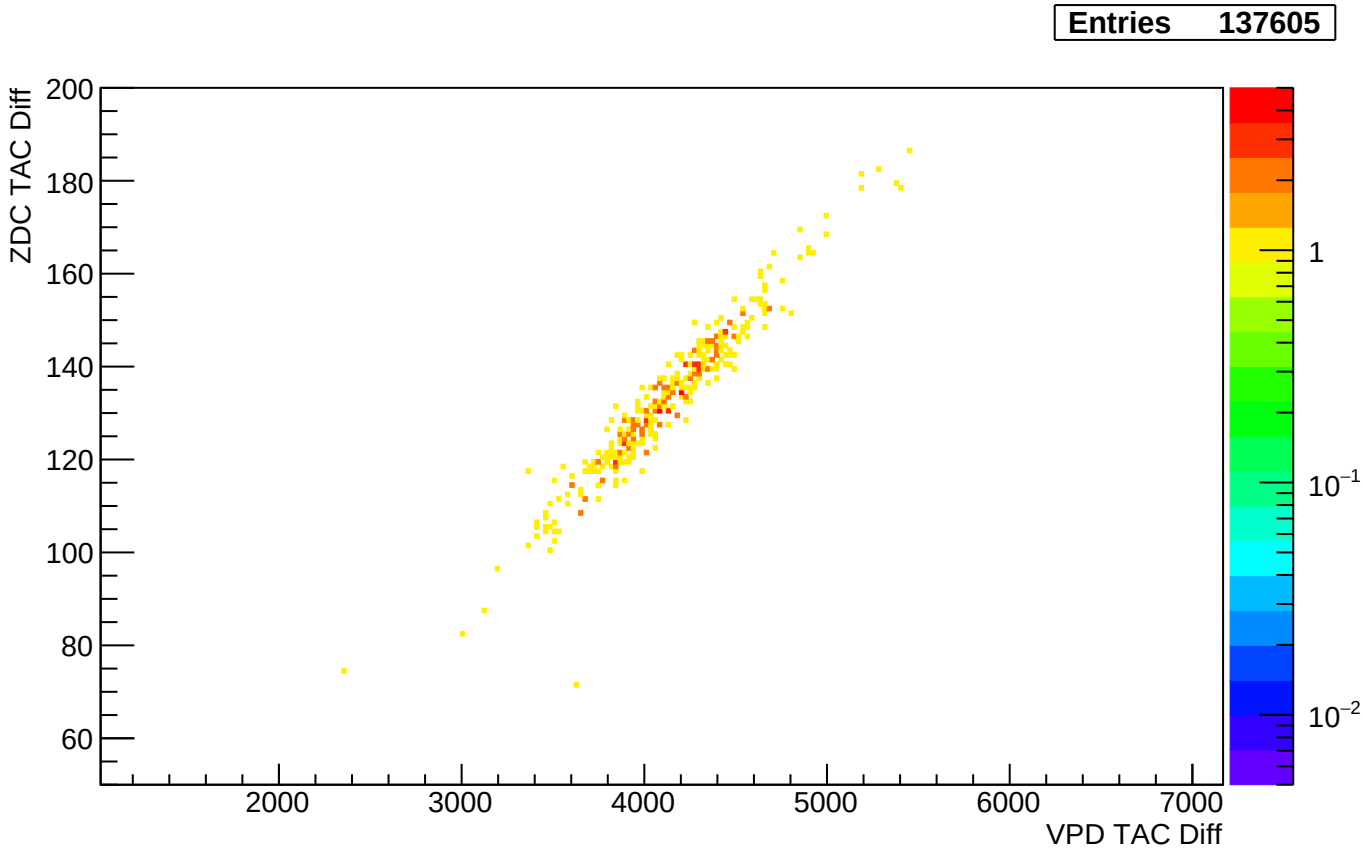

Entries 137605
TOF-Mult
EPD-East Hit Cnt

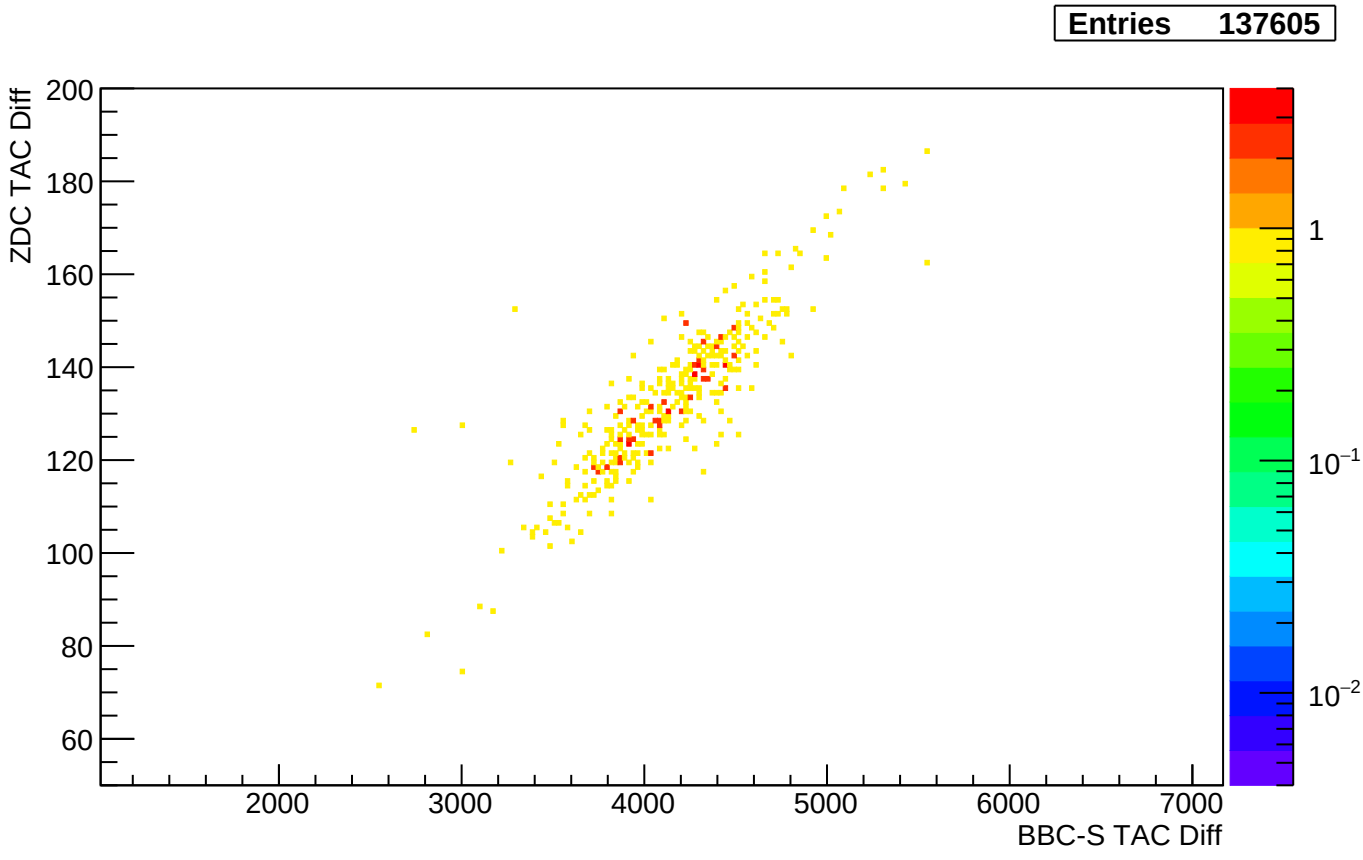

Entries 137605
TOF-Mult
EPD-West Hit Cnt

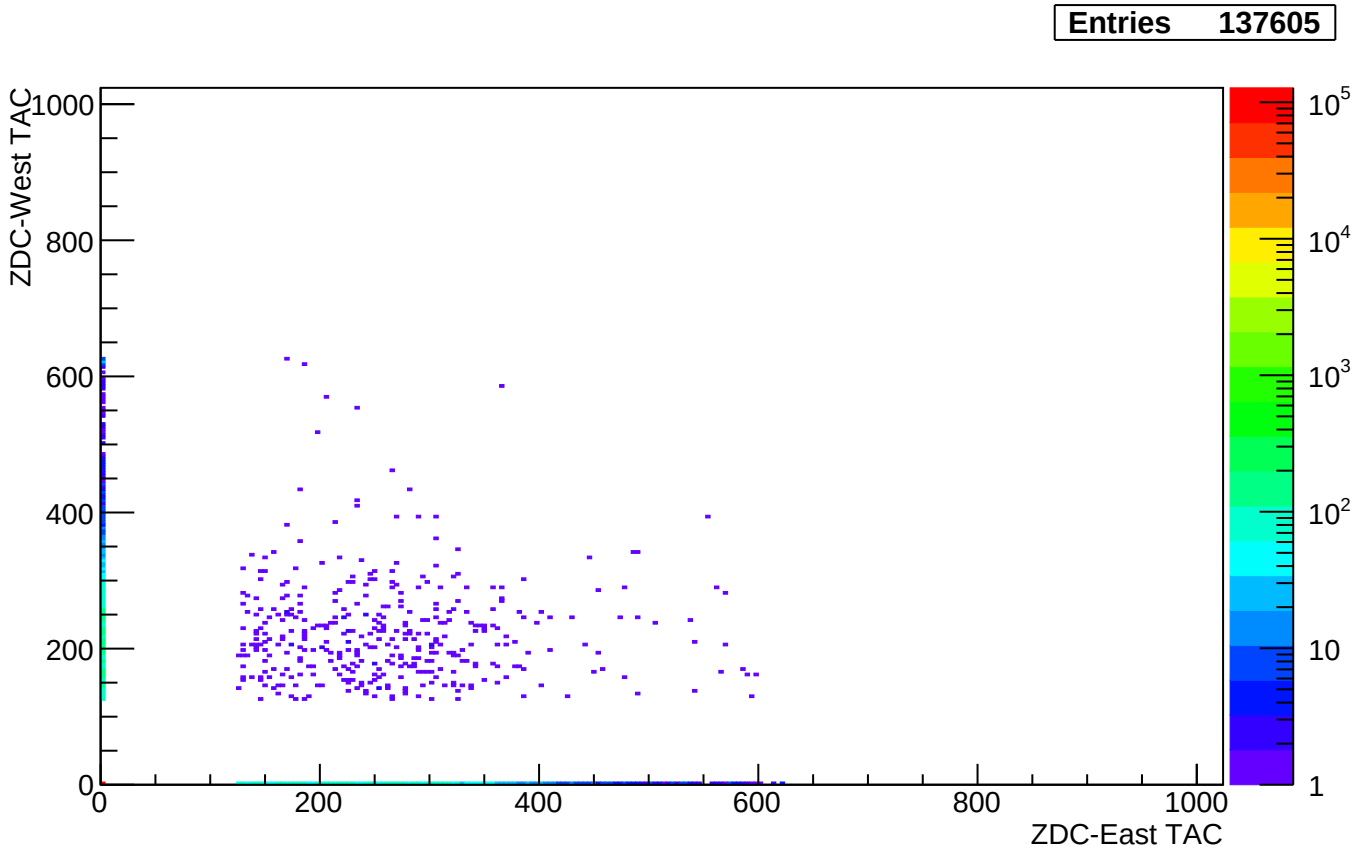

Entries 137605
TOF-Mult
VPD-East ADC Sum

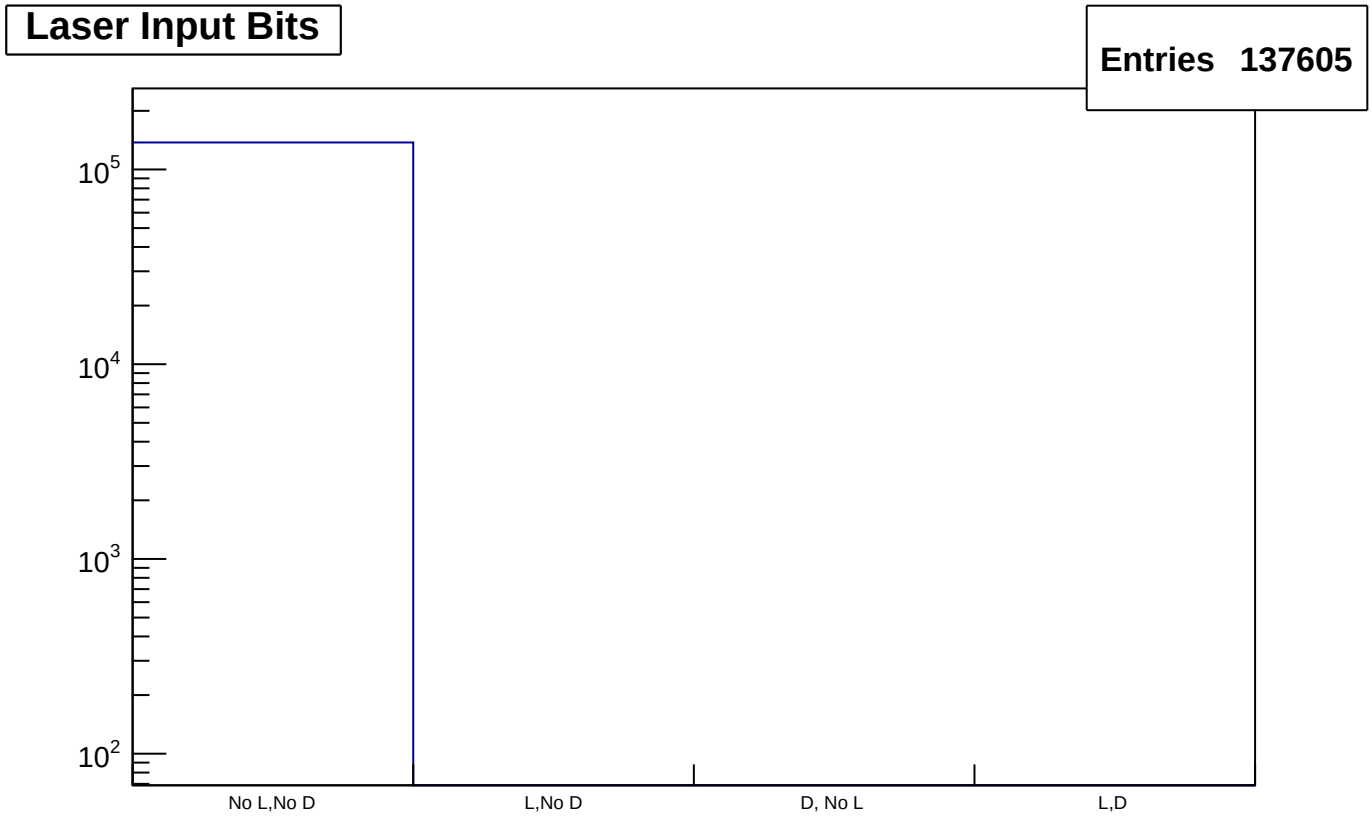

Entries 137605
TOF-Mult
VPD-West ADC Sum

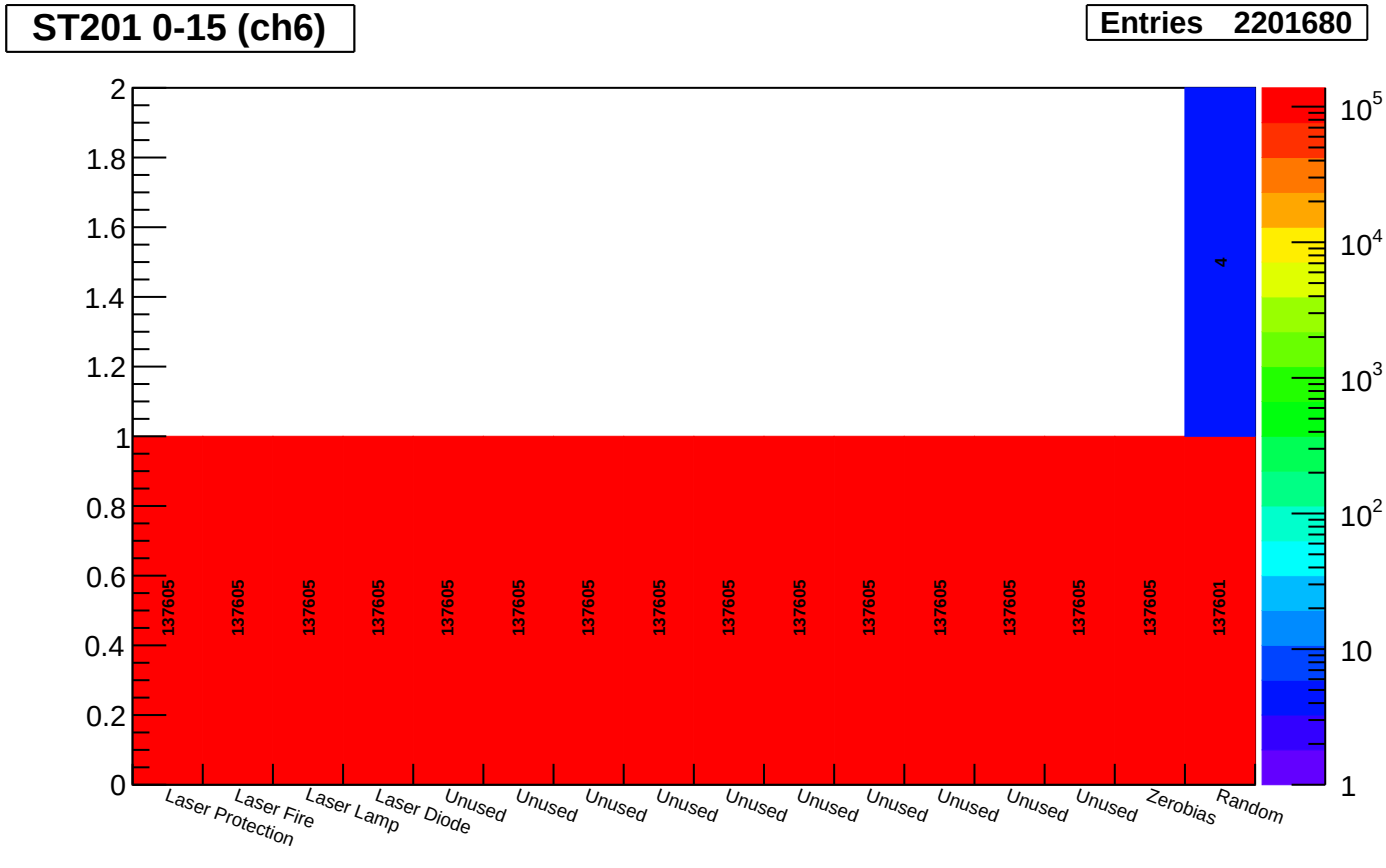

Entries 137605
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

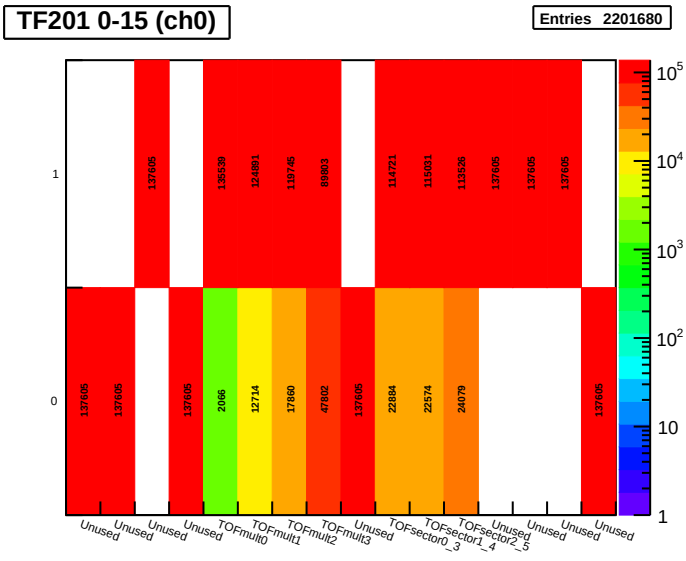

Entries 137605
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

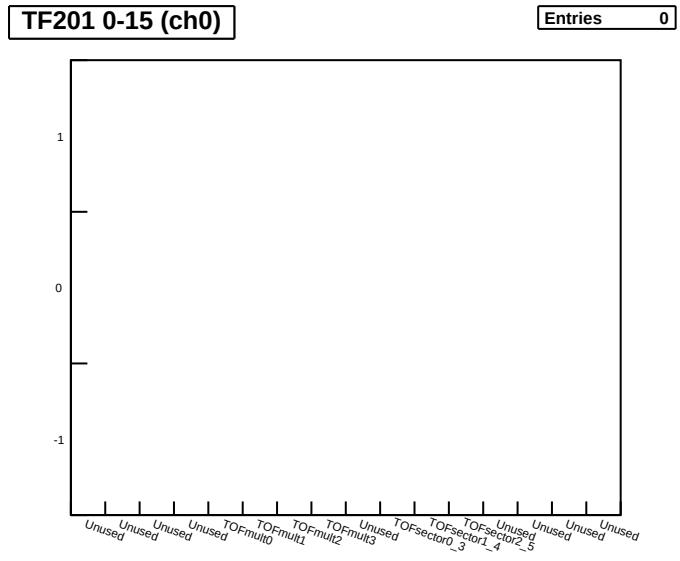

Entries 137605
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

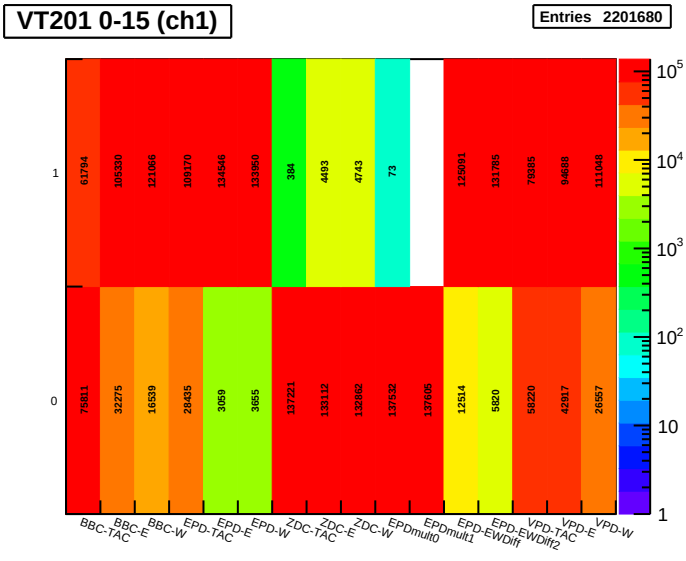

Entries 137605
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

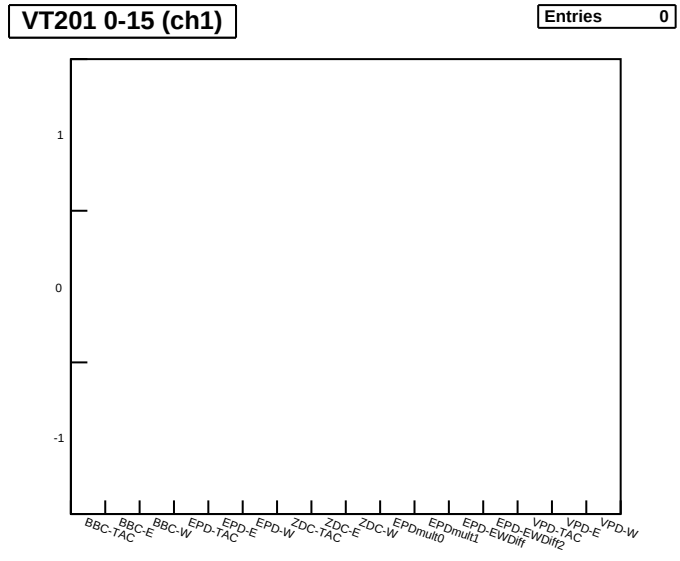

Laser Input Bits
Entries 137605
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

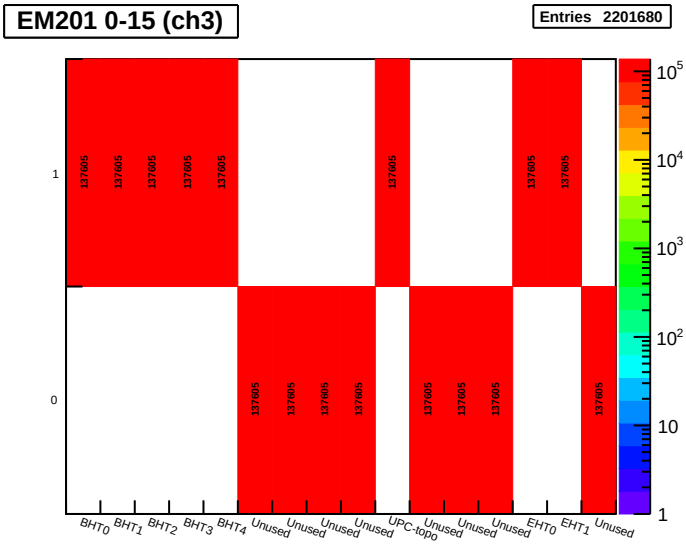

ST201 0-15 (ch6)
Entries 2201680
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
137605
137605
137605
137605
137605
137605
137605
137605
137605
137605
137605
137605
137605
137605
137605
137601
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

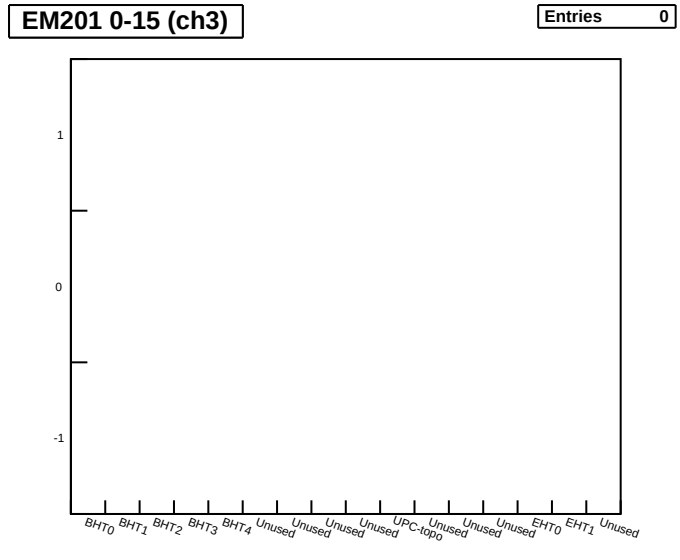

TF201 0-15 (ch0)
Entries 2201680
1
0
137605 135539 124891 119745 89803 114721 115031 113526 137605 137605 137605
137605 137605 137605 2066 12714 17860 47802 137605 22884 22574 24079 137605
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 2201680
1
0
61794 105330 121066 109170 134546 133950 384 4493 4743 73 125091 131785 73885 94688 111048
75811 32275 16539 28435 3059 3655 137221 133112 132862 137532 137605 12514 5820 58220 42917 26557
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 2201680
1
0
137605 137605 137605 137605 137605 137605 137605
137605 137605 137605 137605 137605 137605 137605 137605
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