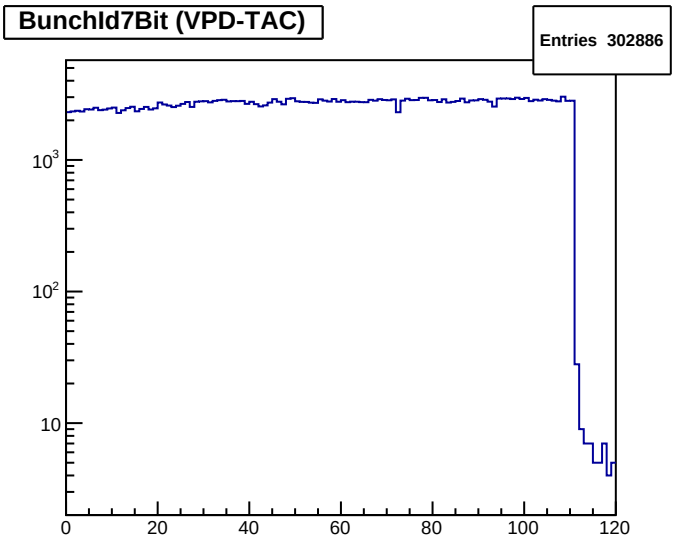
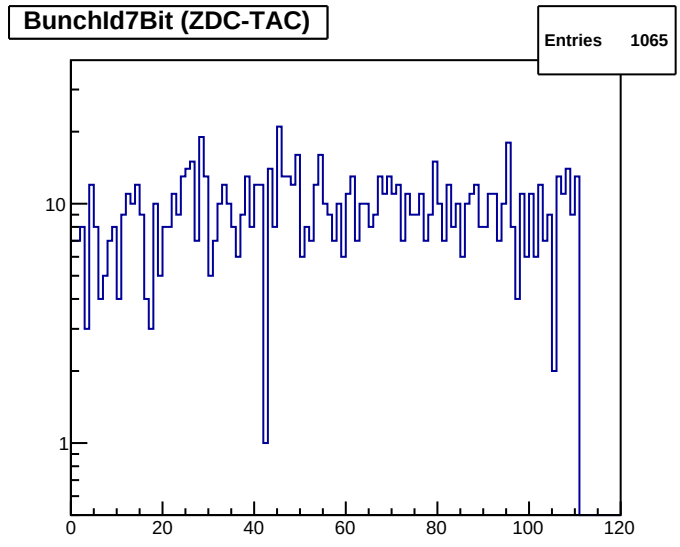
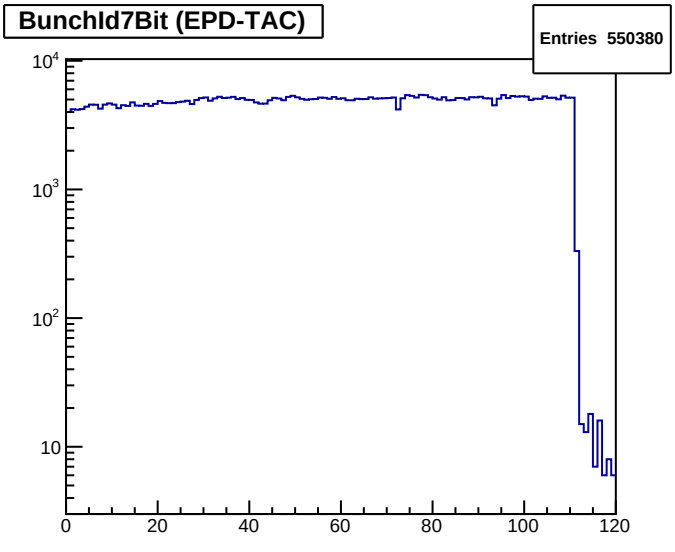
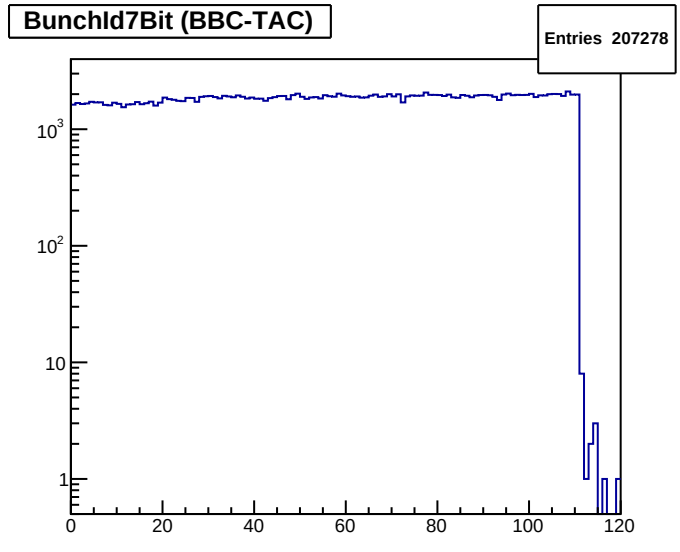
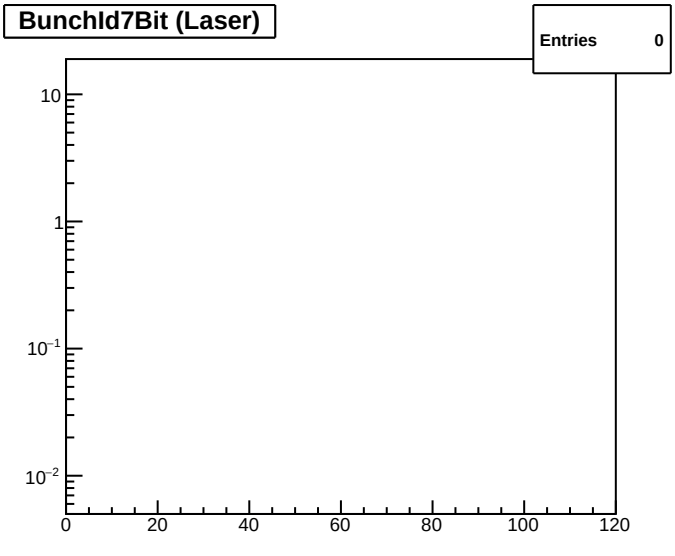
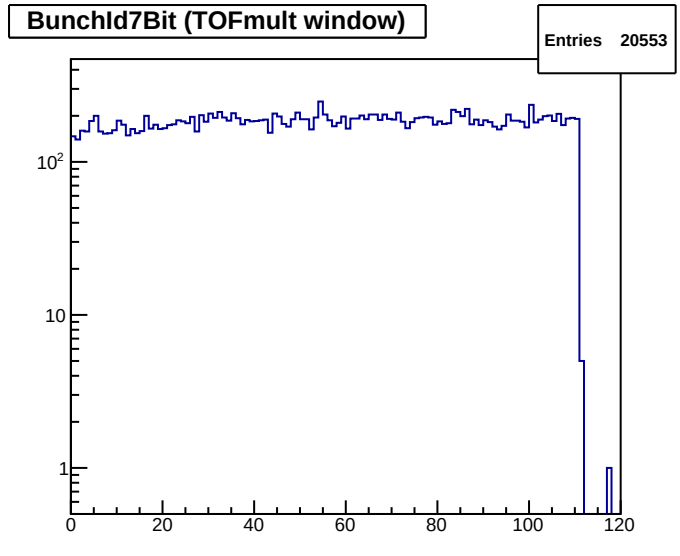

BunchId7Bit (VPD-TAC)
Entries 302886

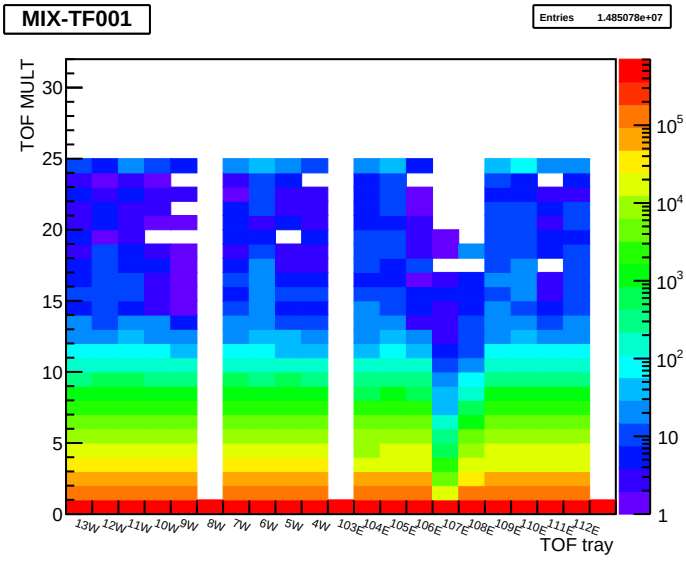

BunchId7Bit (ZDC-TAC)
Entries 1065

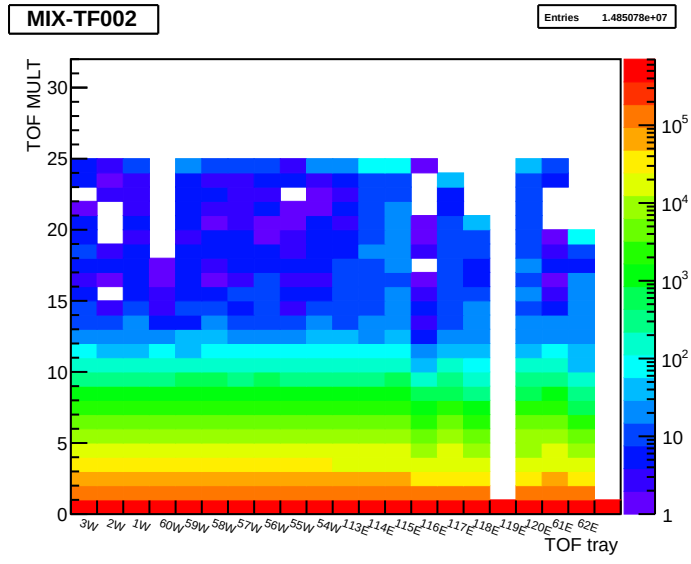

BunchId7Bit (EPD-TAC)
Entries 550380

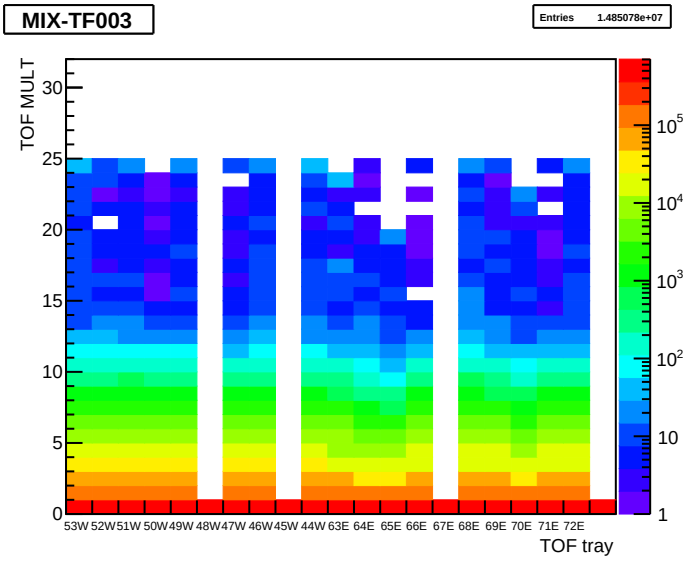

BunchId7Bit (BBC-TAC)
Entries 207278

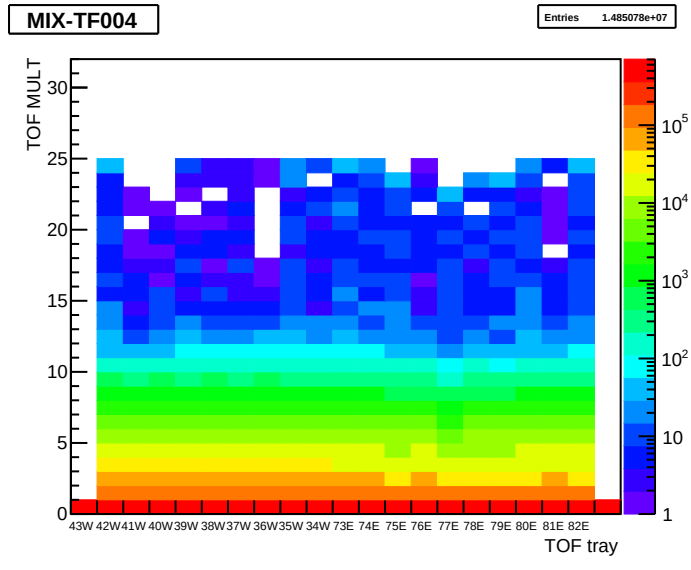

BunchId7Bit (Laser)
Entries 0

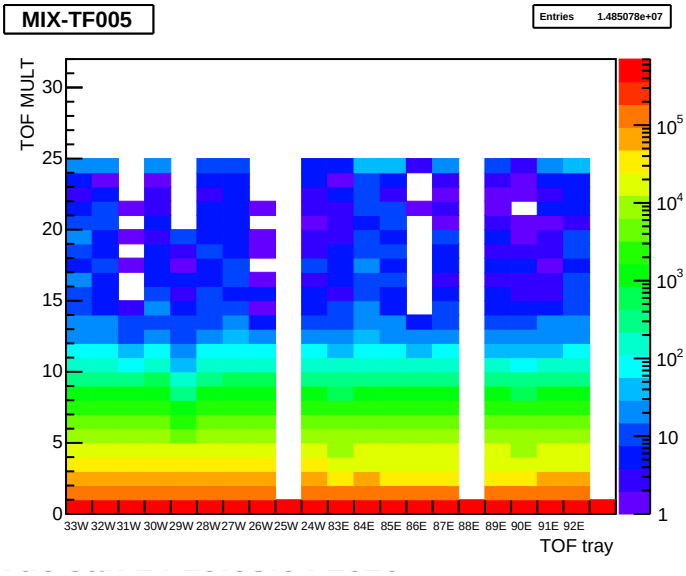

BunchId7Bit (TOFmult window)
Entries 20553

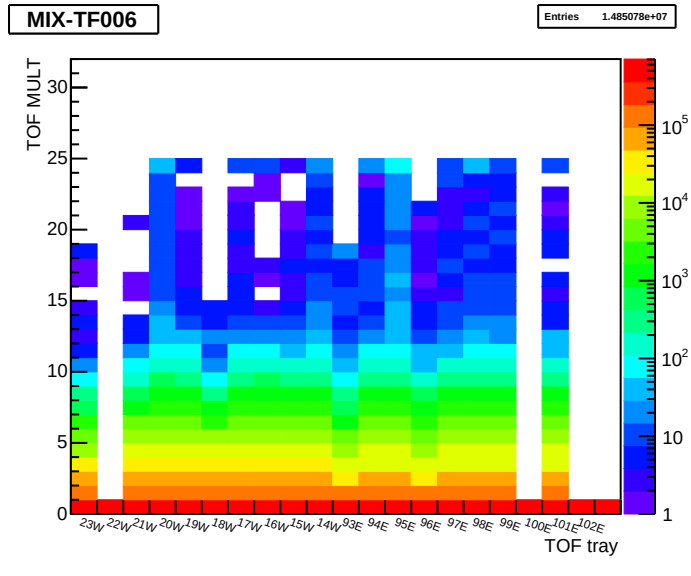

MIX-TF001
Entries 1.485078e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

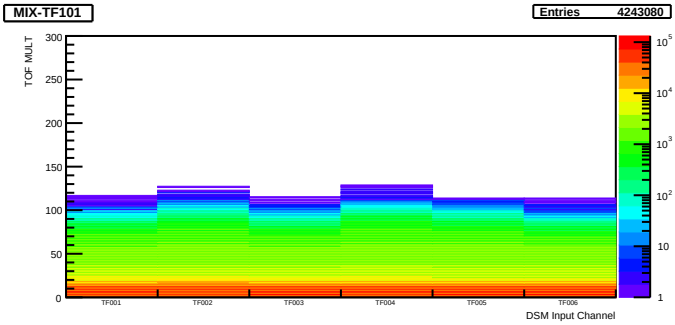

MIX-TF002
Entries 1.485078e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

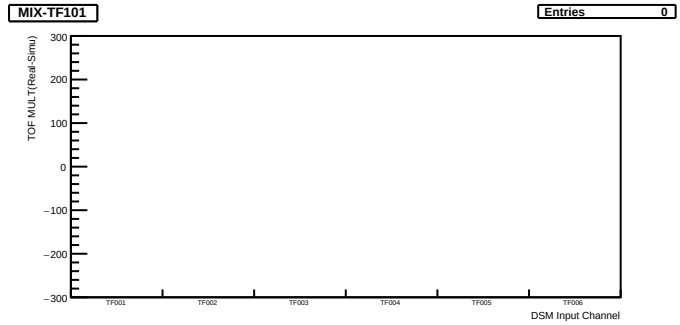

MIX-TF003
Entries 1.485078e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

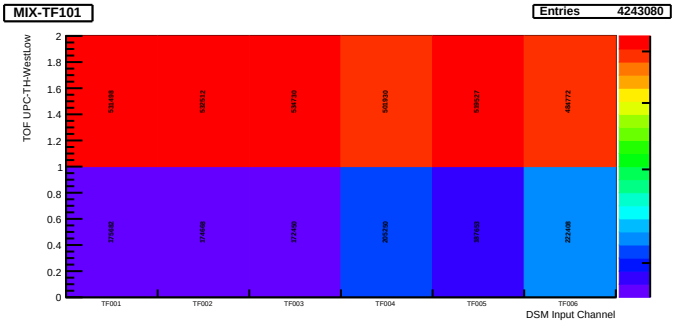

MIX-TF004
Entries 1.485078e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

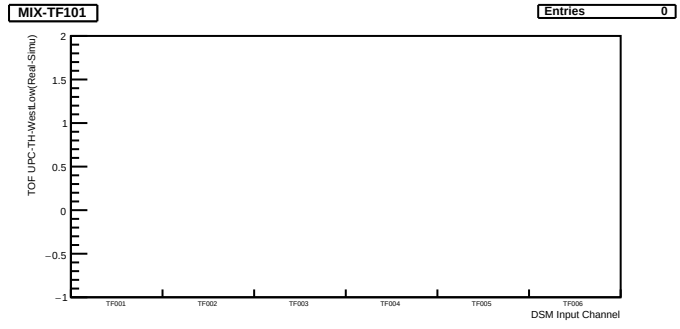

MIX-TF005
Entries 1.485078e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

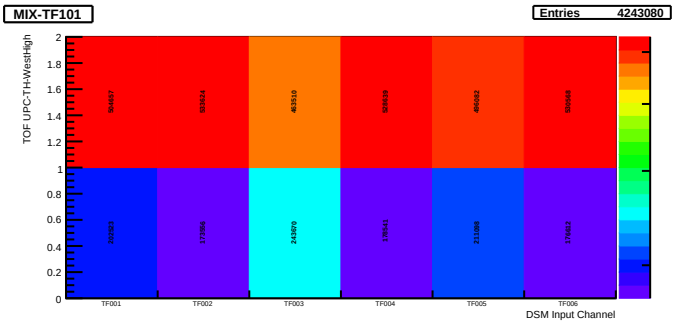

MIX-TF006
Entries 1.485078e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

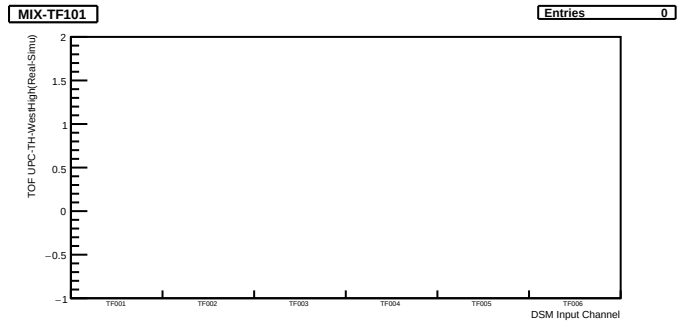

MIX-TF101
Entries 4243080
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

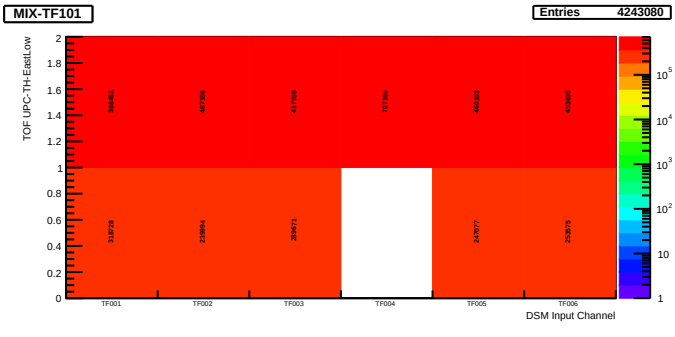

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

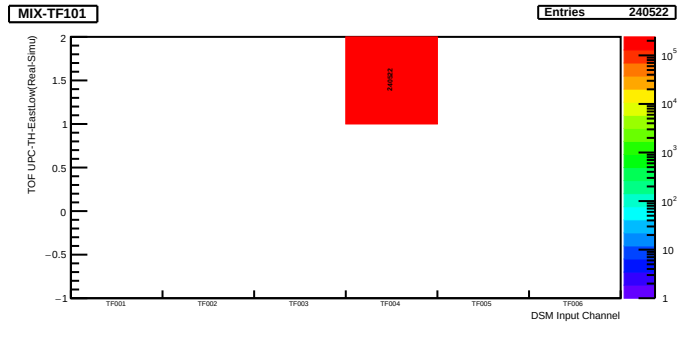

MIX-TF101
Entries 4243080
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

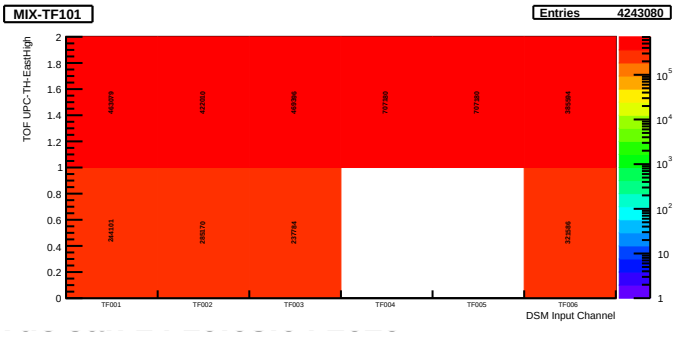

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

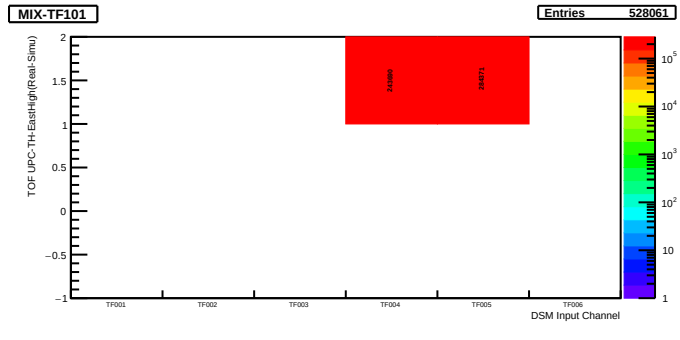

MIX-TF101
Entries 4243080
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

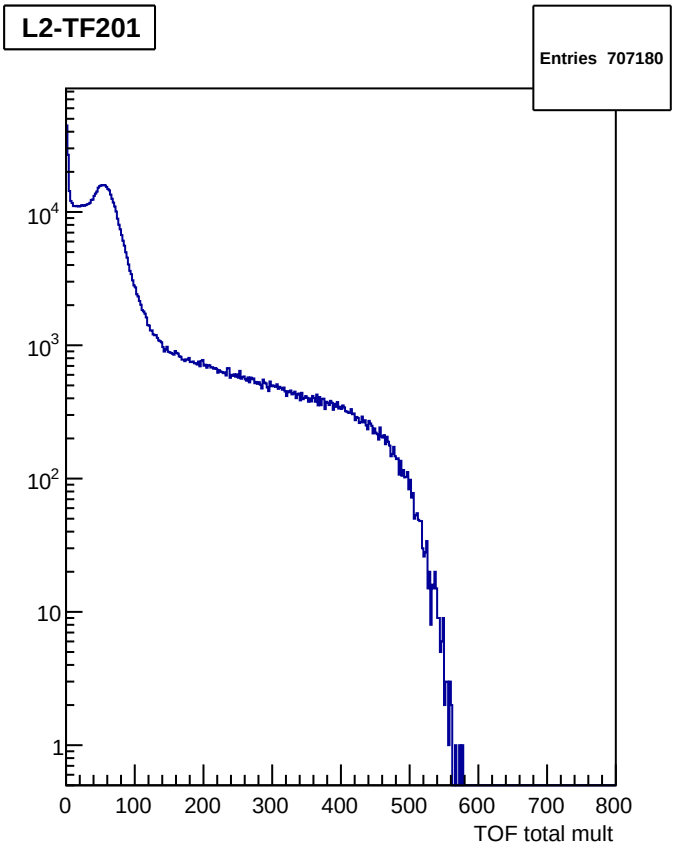

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

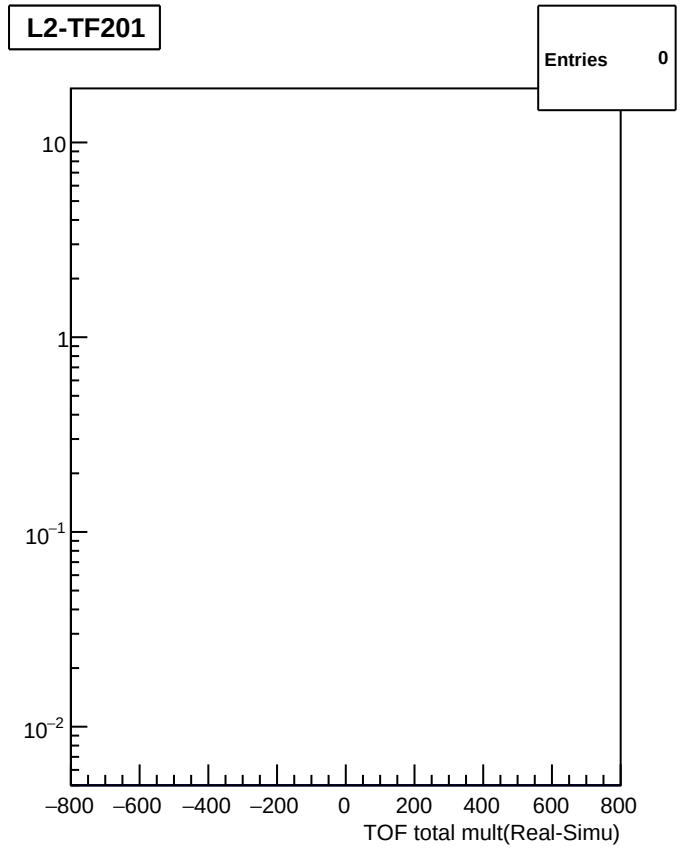

MIX-TF101
Entries 4243080
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

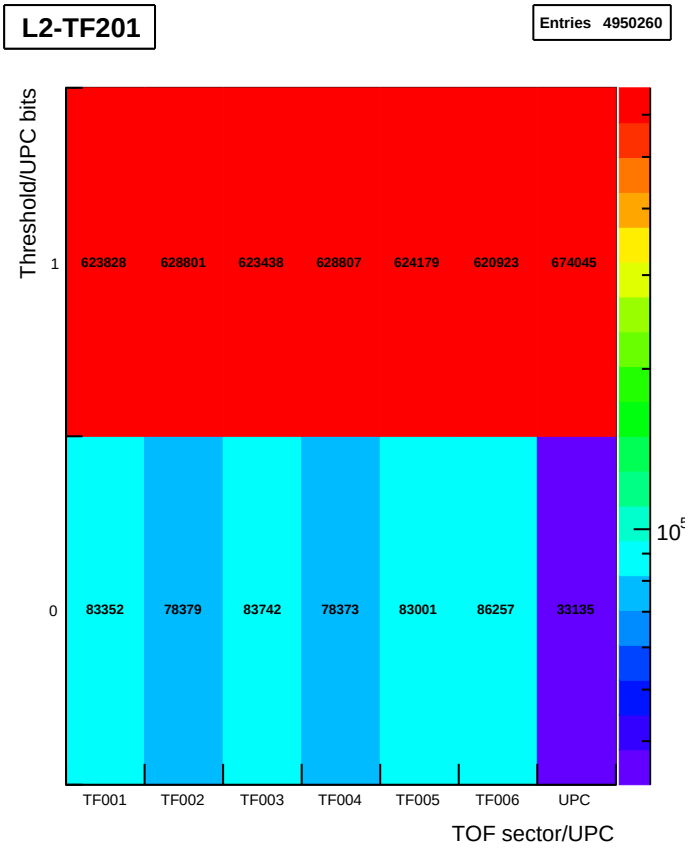

MIX-TF101
Entries 240522
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

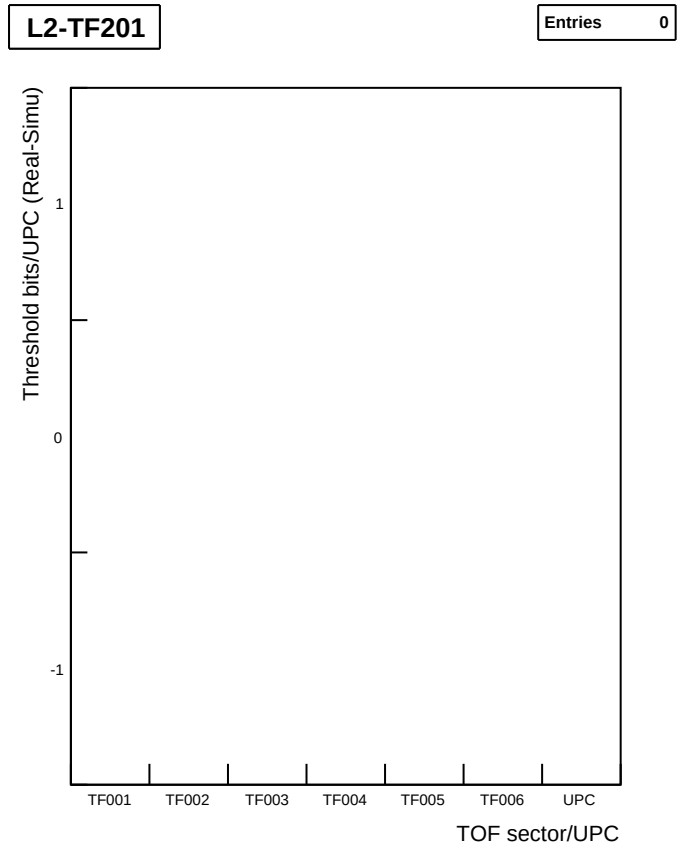

MIX-TF101
Entries 4243080
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

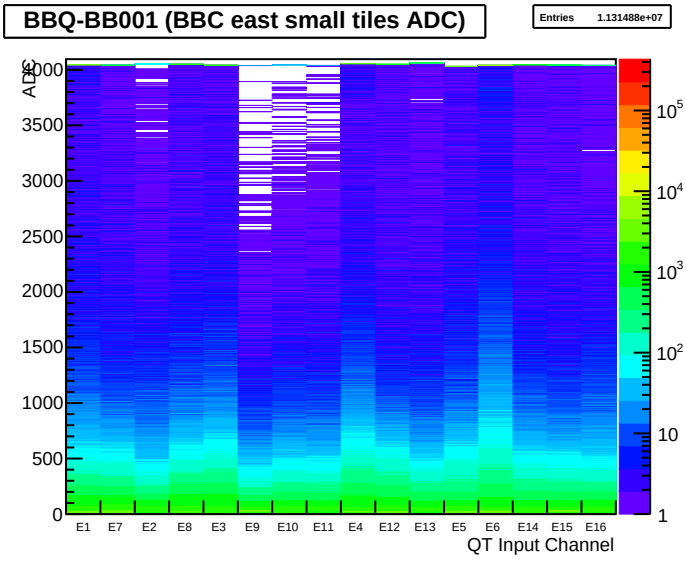

MIX-TF101
Entries 528061
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

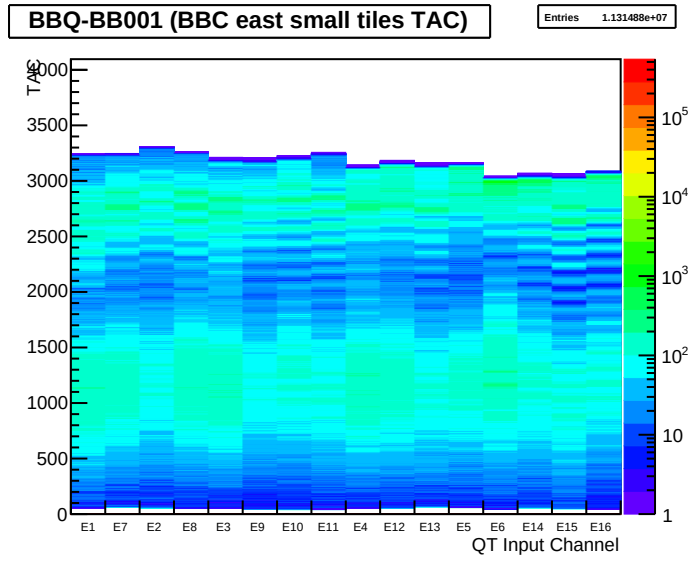

L2-TF201
Entries 707180
TOF total mult

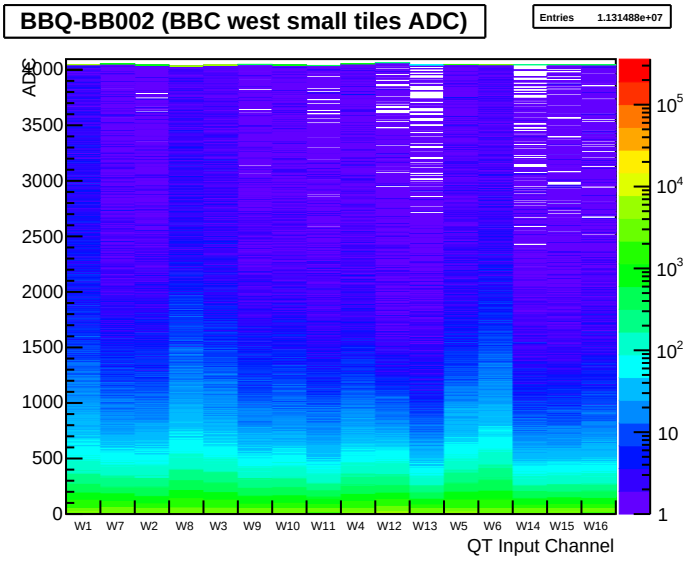

L2-TF201
Entries 0
TOF total mult(Real-Simu)

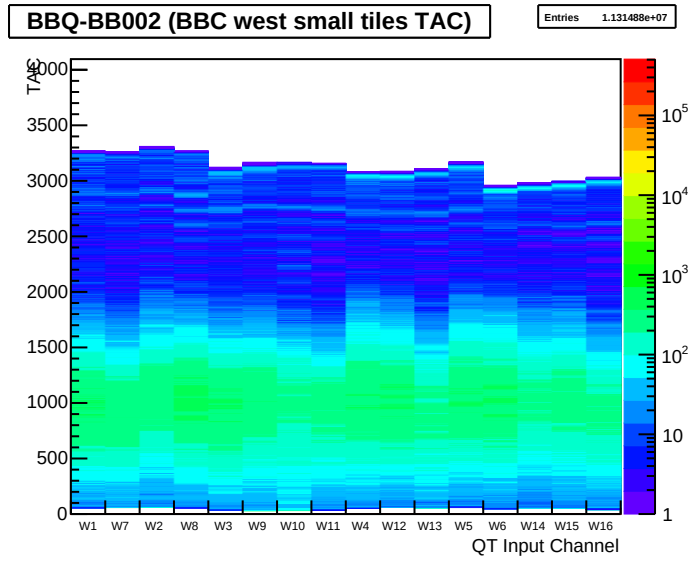

L2-TF201
Entries 4950260
Threshold/UPC bits
623828
628801
623438
628807
624179
620923
674045
83352
78379
83742
78373
83001
86257
33135
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

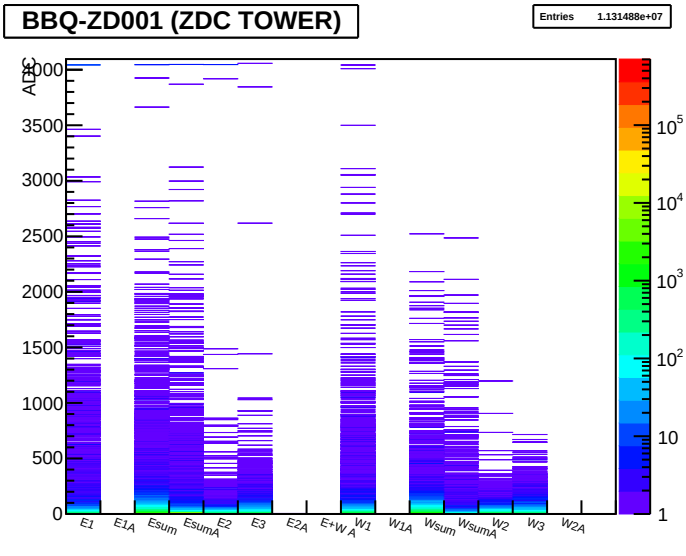

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

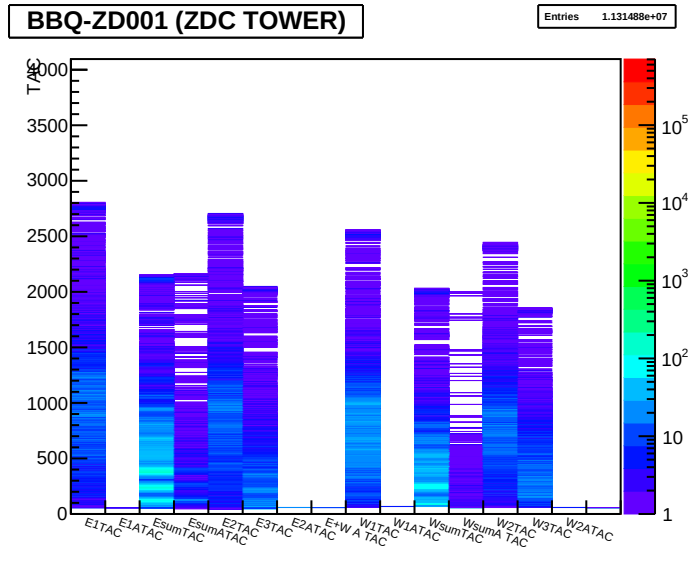

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.131488e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

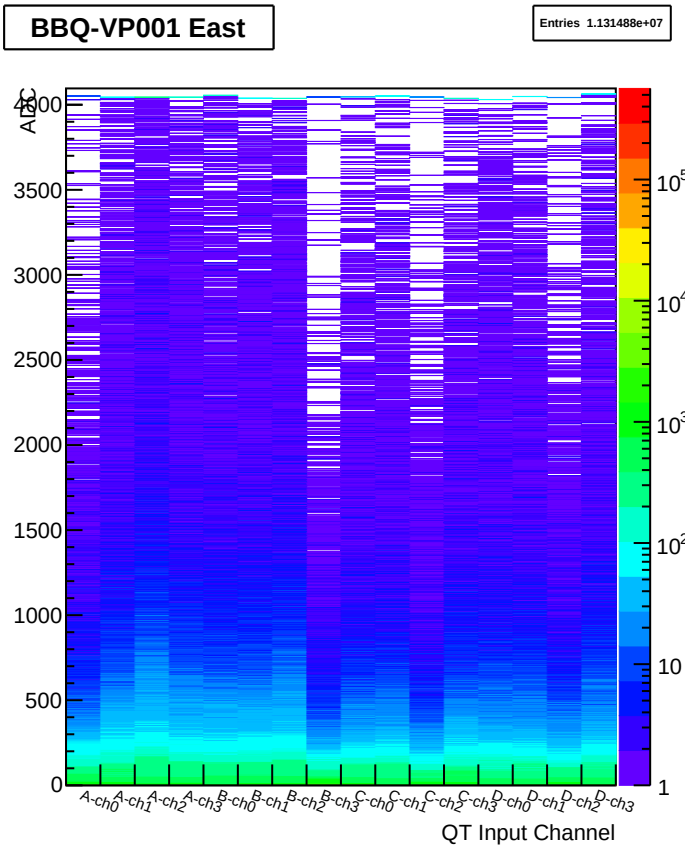

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.131488e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

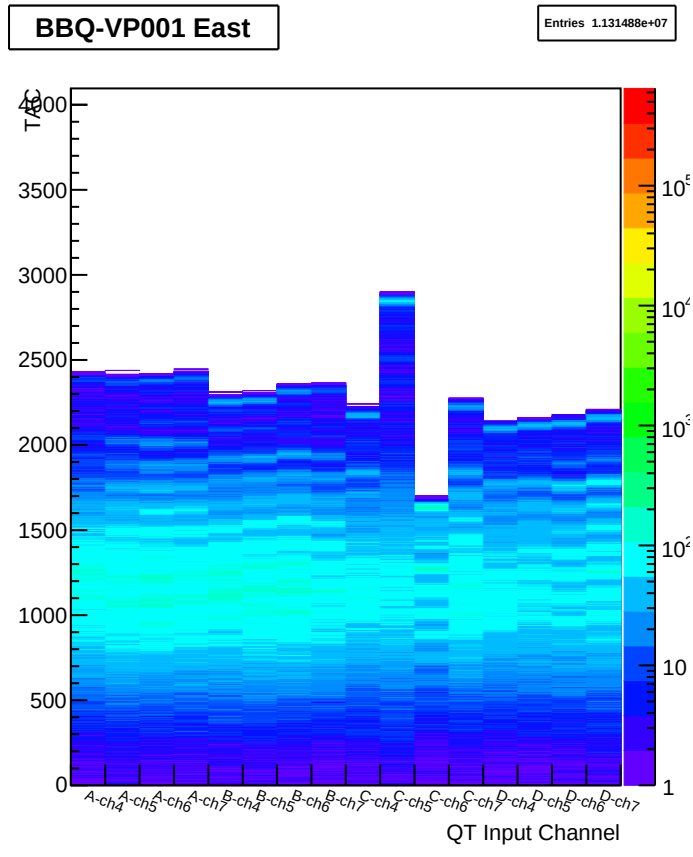

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.131488e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

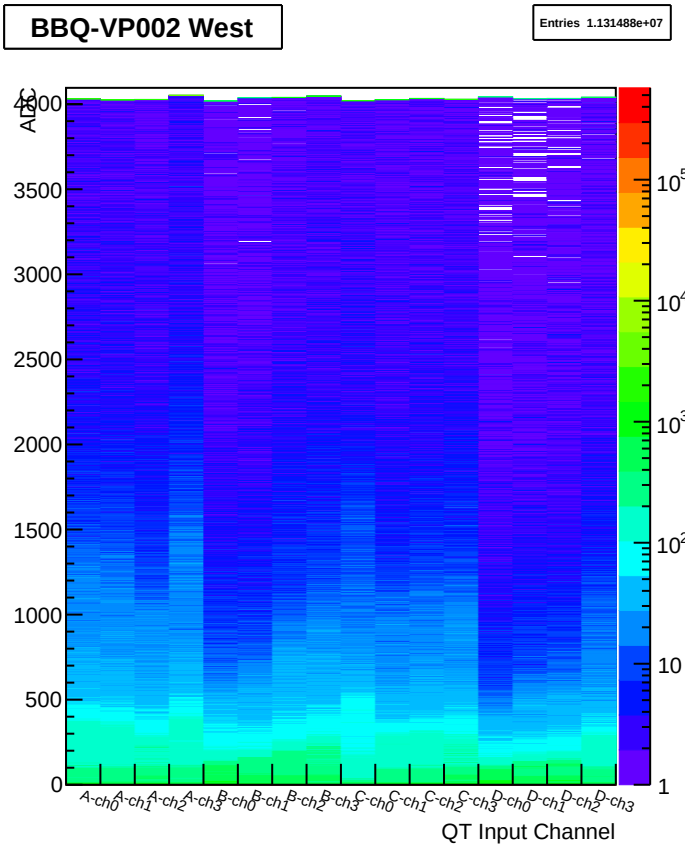

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.131488e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

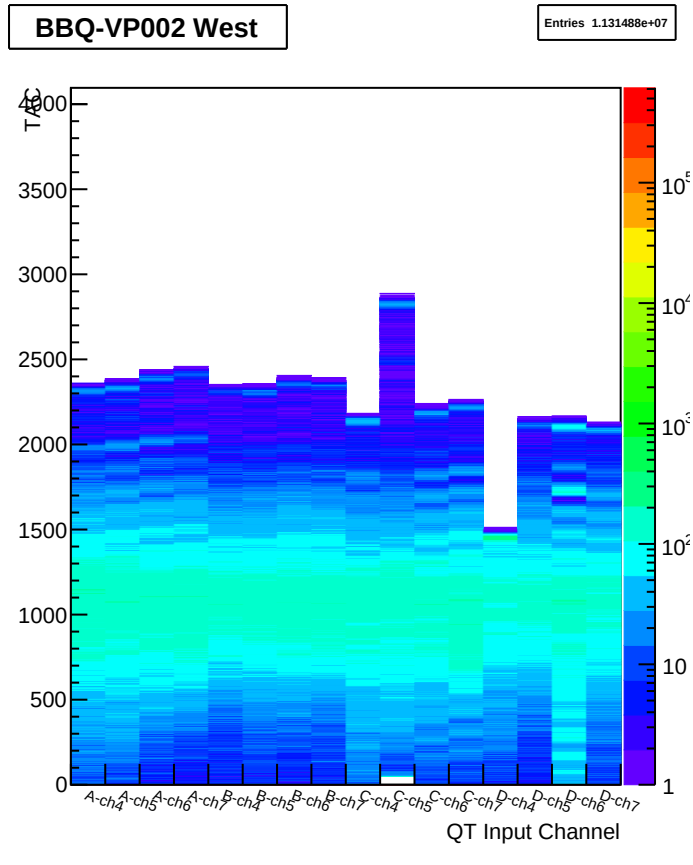

BBQ-ZD001 (ZDC TOWER)
Entries 1.131488e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

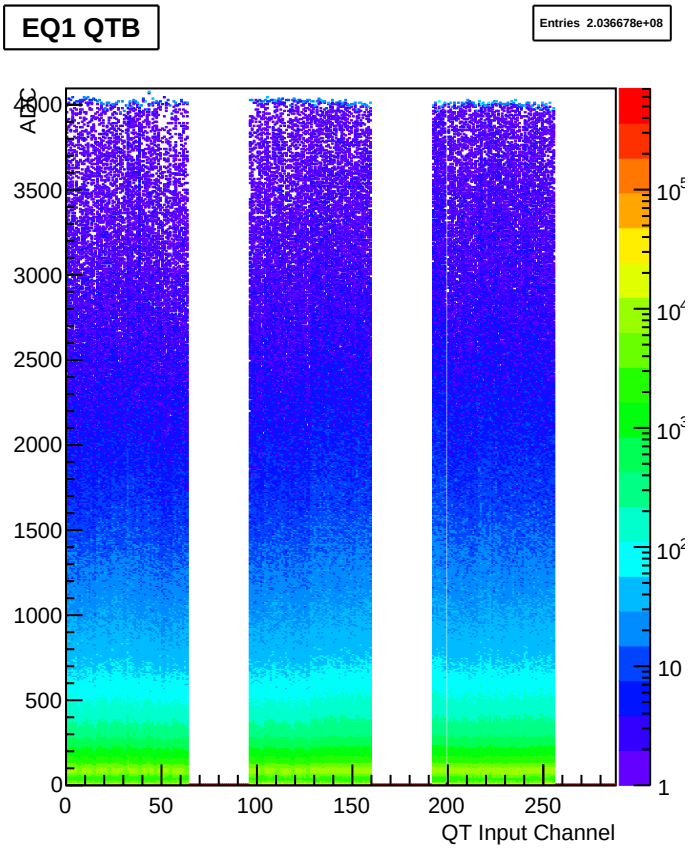

BBQ-ZD001 (ZDC TOWER)
Entries 1.131488e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

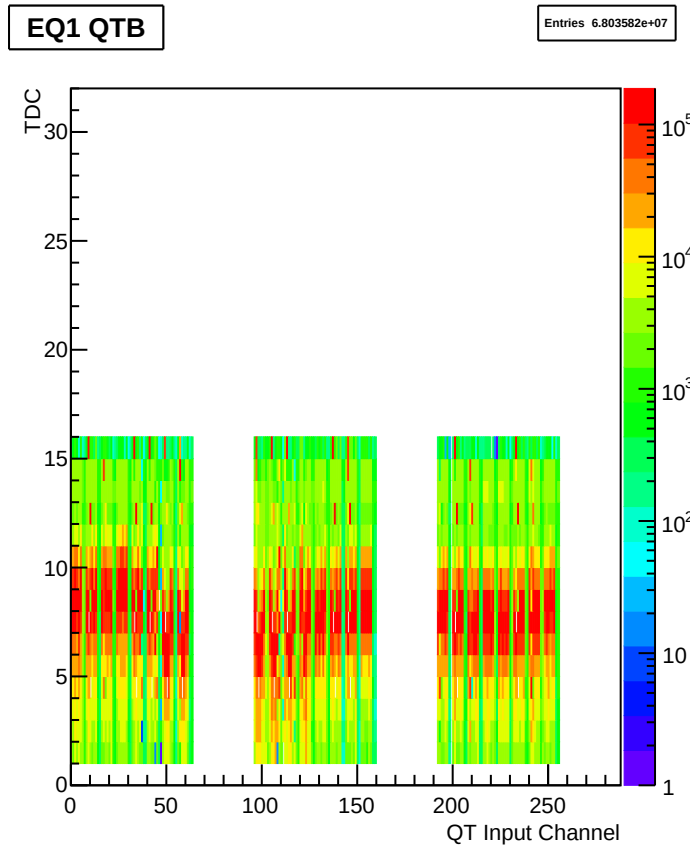

BBQ-VP001 East
Entries 1.131488e+07
ADC
QT Input Channel

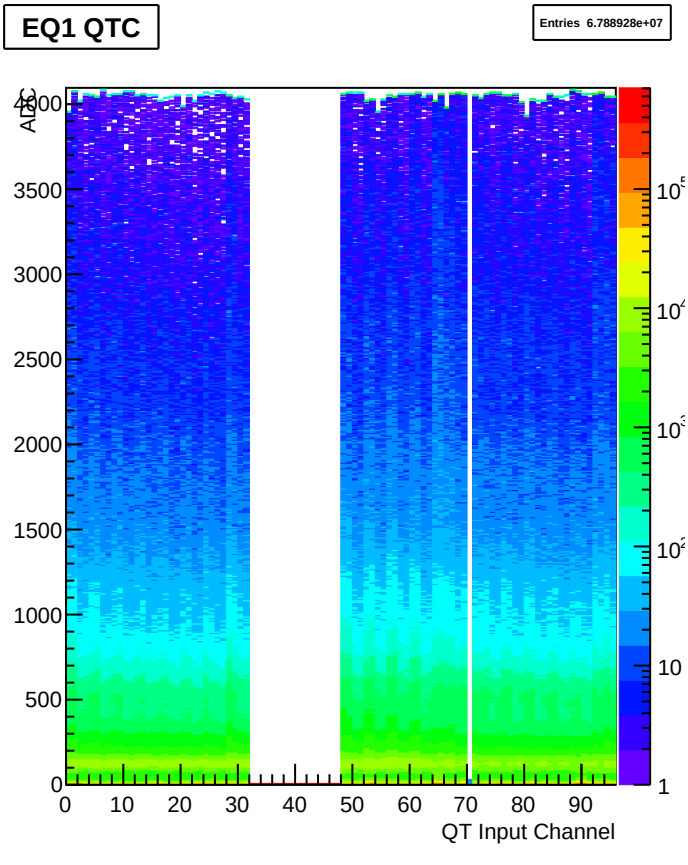

BBQ-VP001 East
Entries 1.131488e+07
TADC
QT Input Channel

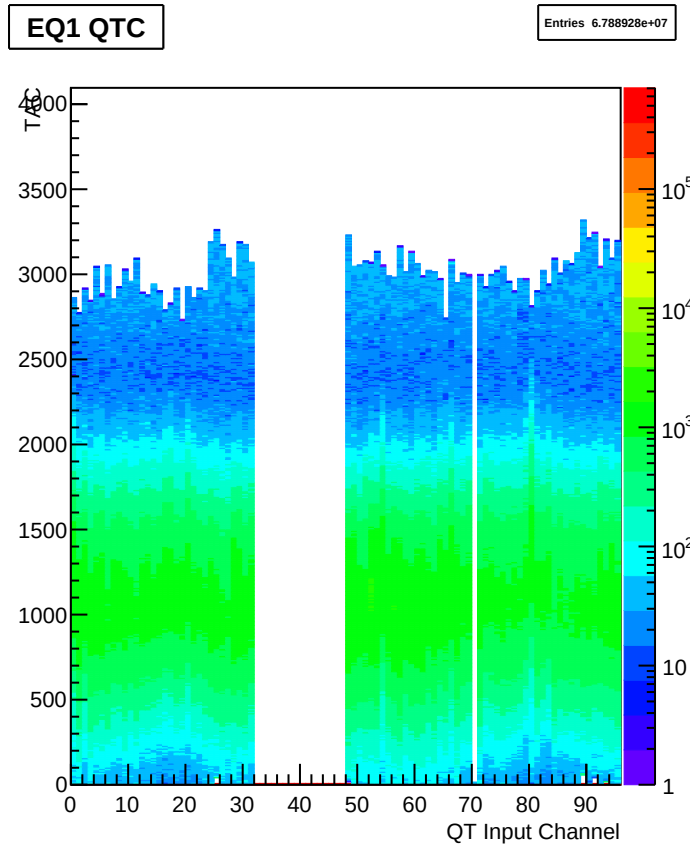

BBQ-VP002 West
Entries 1.131488e+07
ADC
QT Input Channel

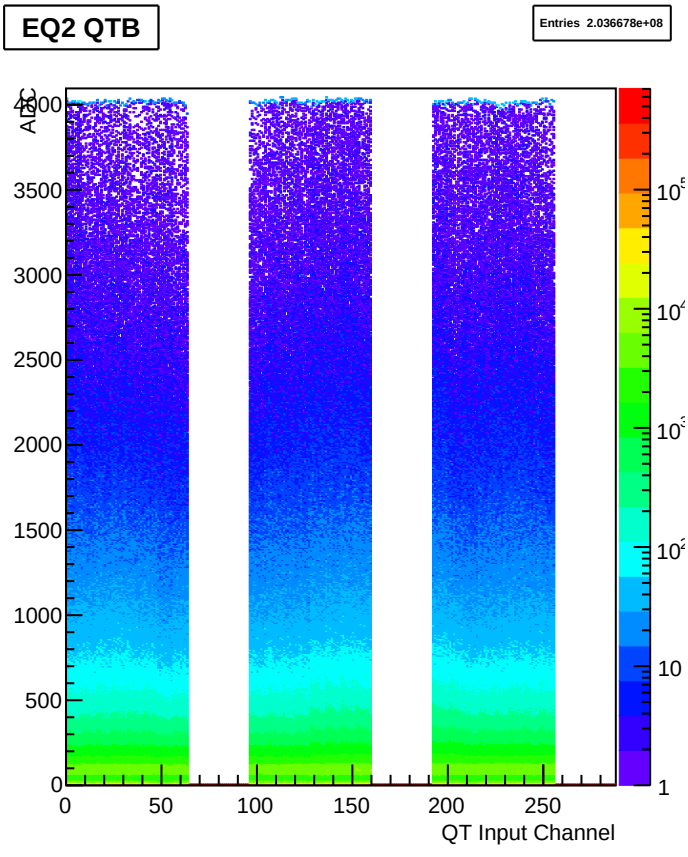

BBQ-VP002 West
Entries 1.131488e+07
TADC
QT Input Channel

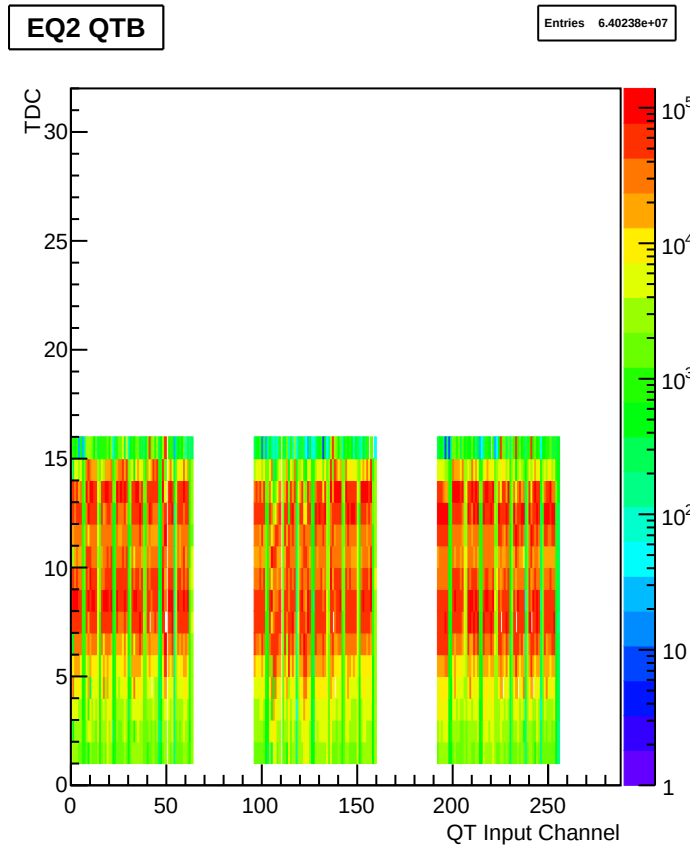

EQ1 QTB
Entries 2.036678e+08
ADC
QT Input Channel

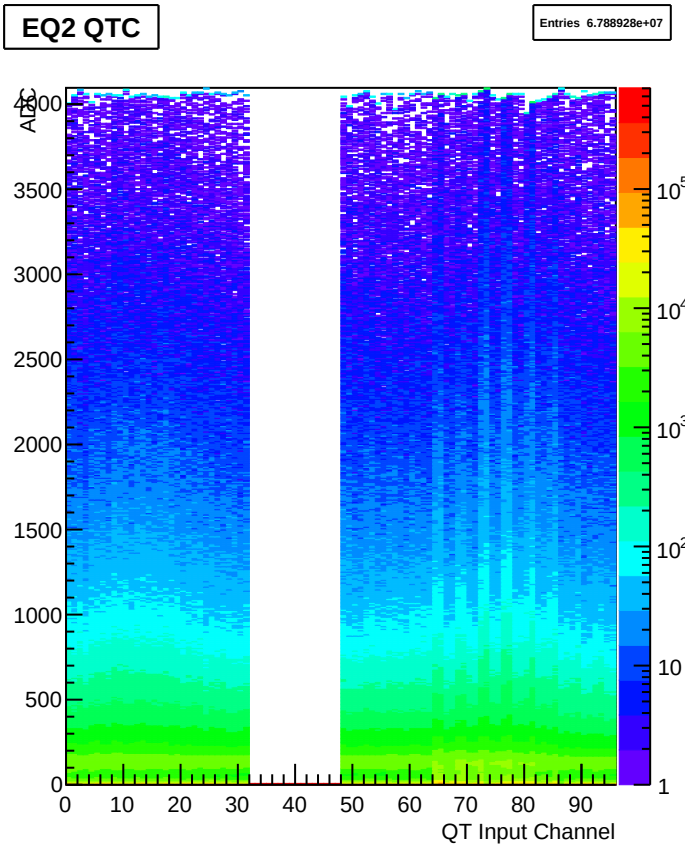

EQ1 QTB
Entries 6.803582e+07
TDC
QT Input Channel

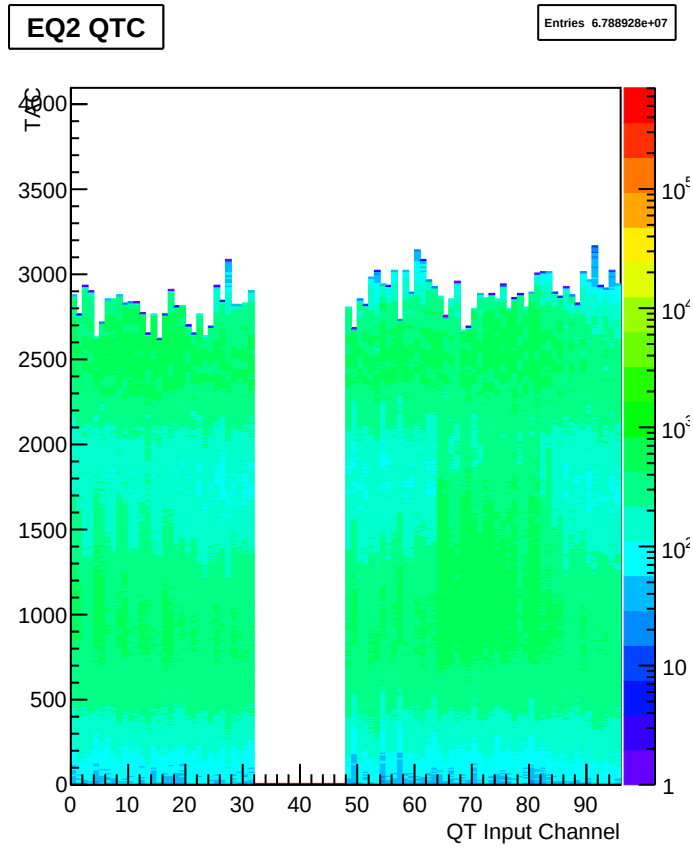

EQ1 QTC
Entries 6.788928e+07
ADC
QT Input Channel

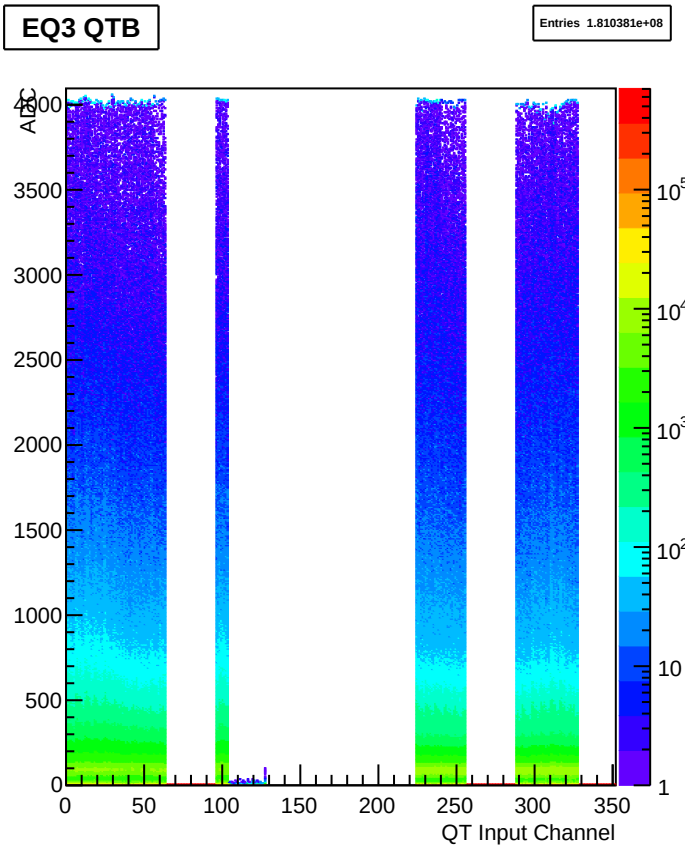

EQ1 QTC
Entries 6.788928e+07
TADC
QT Input Channel

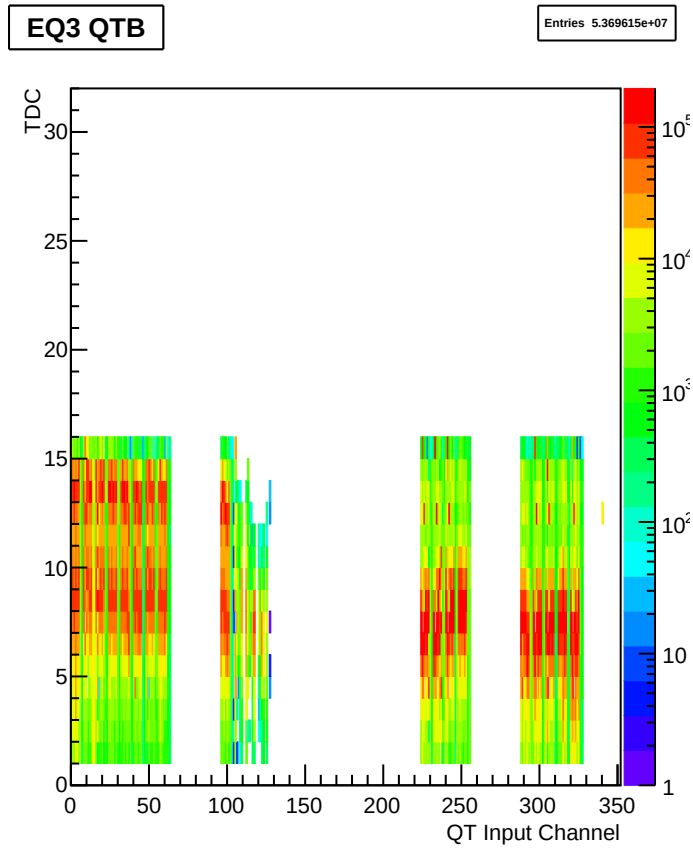

EQ2 QTB
Entries 2.036678e+08
ADC
QT Input Channel

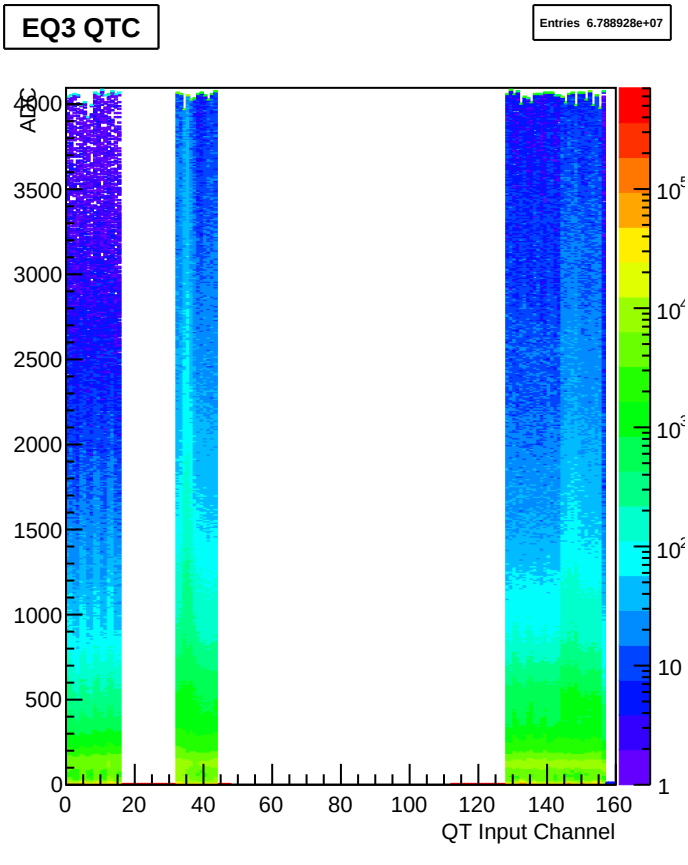

EQ2 QTB
Entries 6.40238e+07
TDC
QT Input Channel

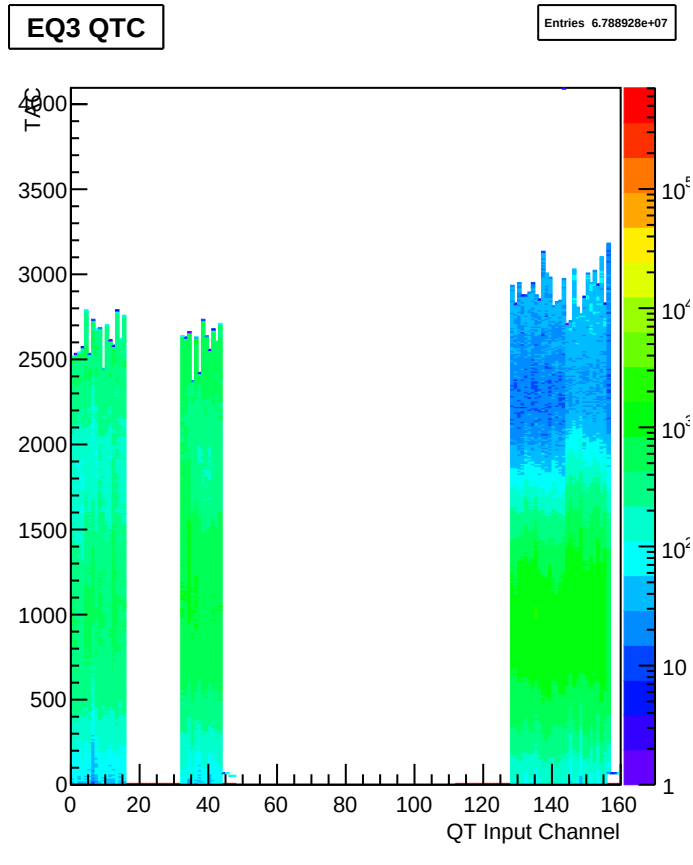

EQ2 QTC
Entries 6.788928e+07
ADC
QT Input Channel


EQ2 QTC
Entries 6.788928e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.810381e+08
ADC
QT Input Channel


EQ3 QTB
Entries 5.369615e+07
TDC
QT Input Channel


EQ3 QTC
Entries 6.788928e+07
ADC
QT Input Channel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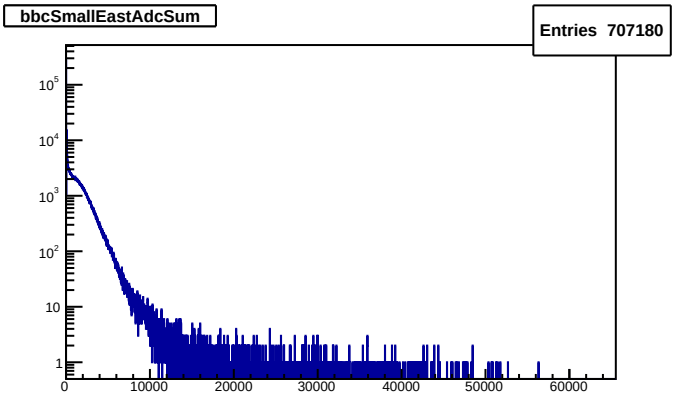
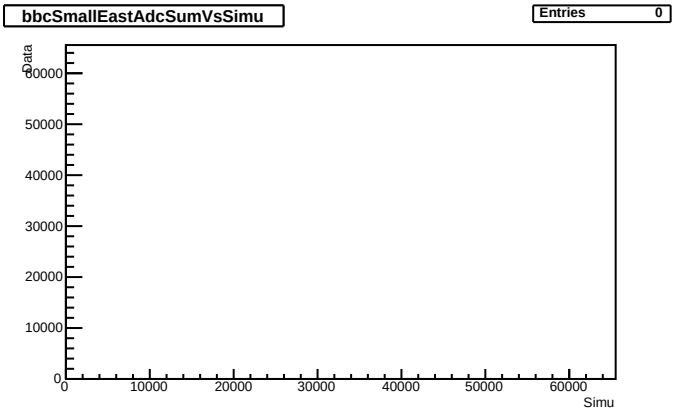
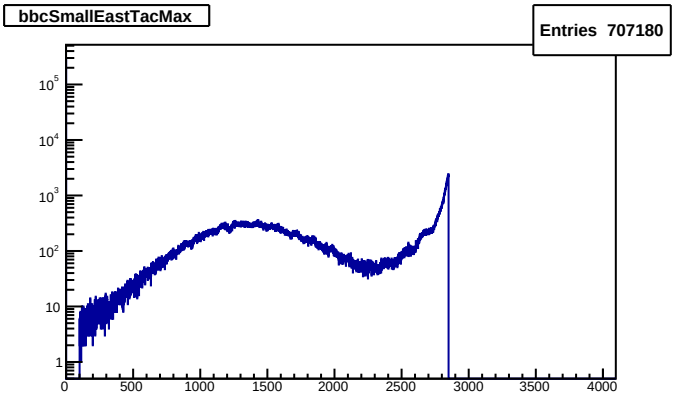
Entries 6.788928e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 707180


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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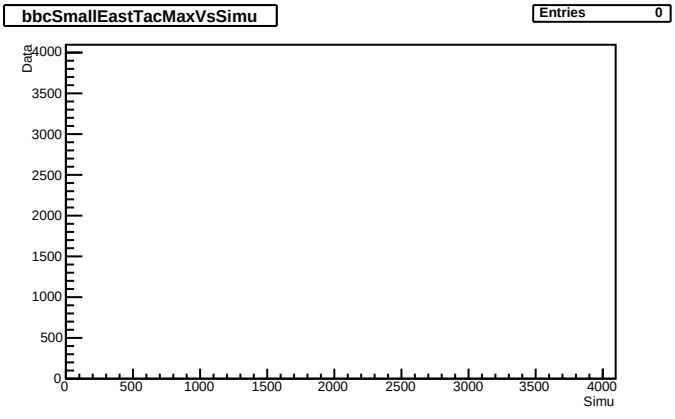
Entries 707180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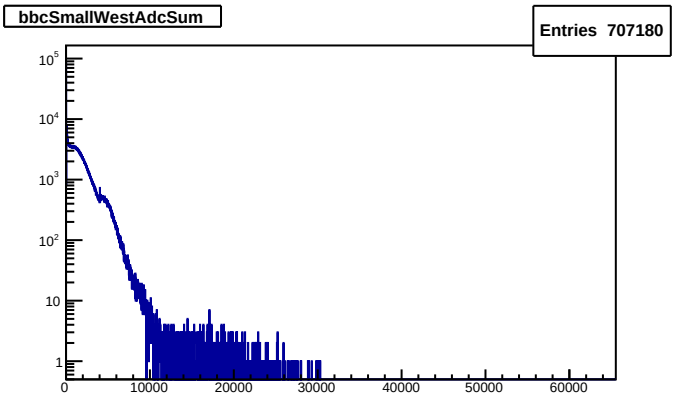
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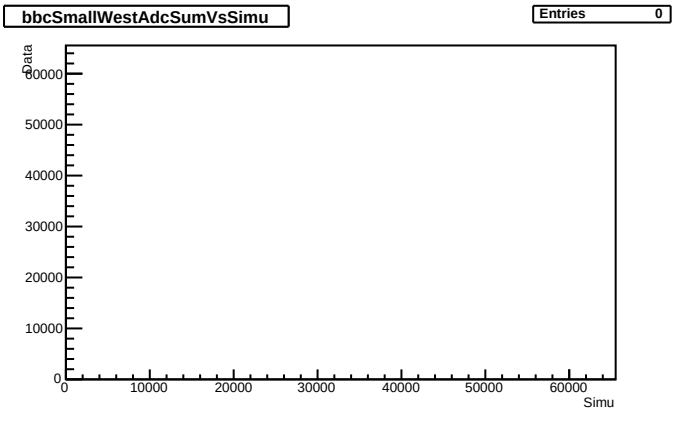
Entries 707180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Entries 0
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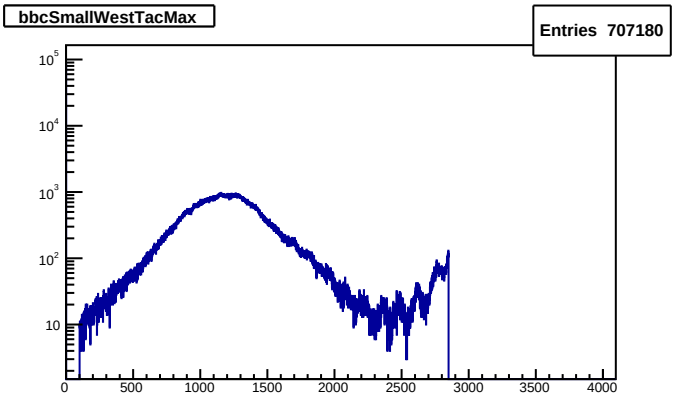
Simu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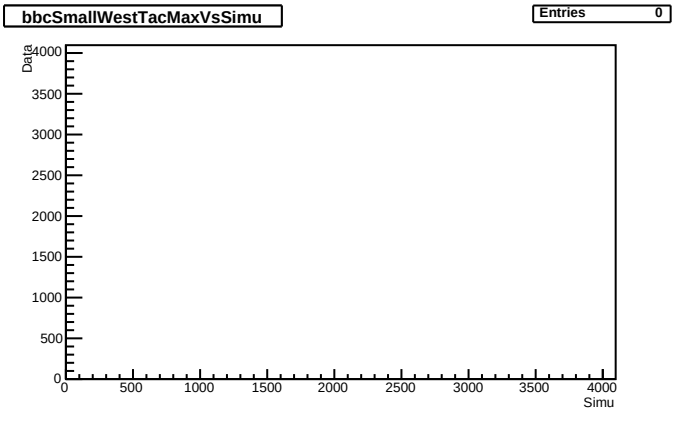
bbcSmallWestTacMaxVsSimu
Entries 0
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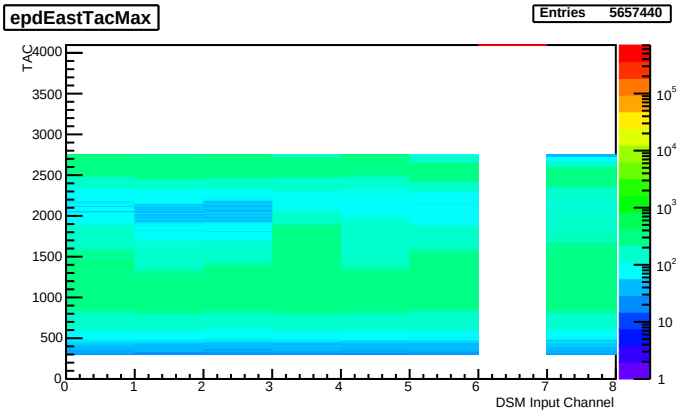
Simu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Entries 5657440
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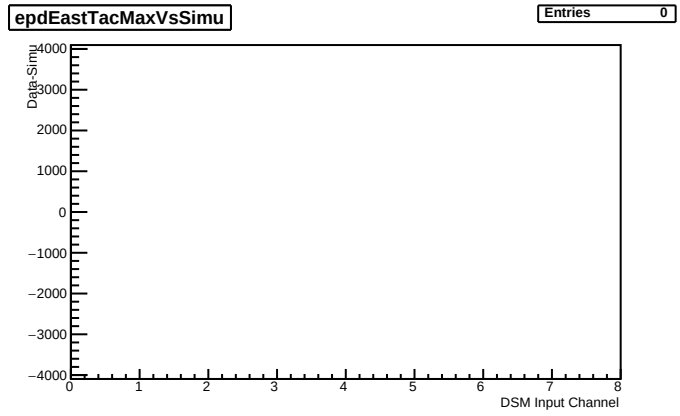
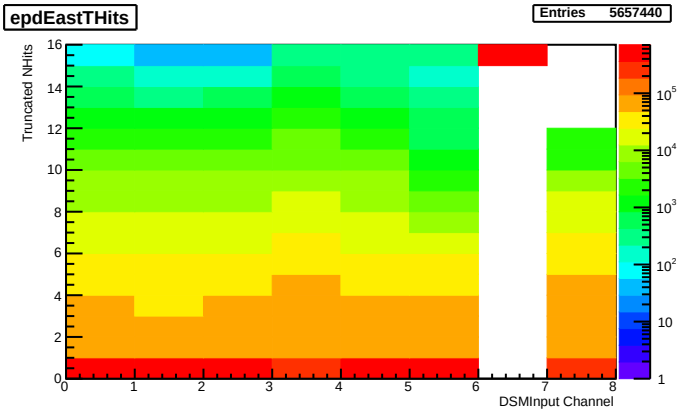
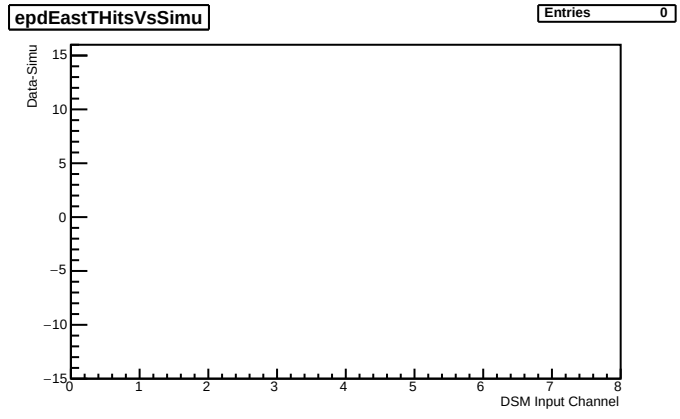
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5657440
Truncated NHits
DSMInput Channel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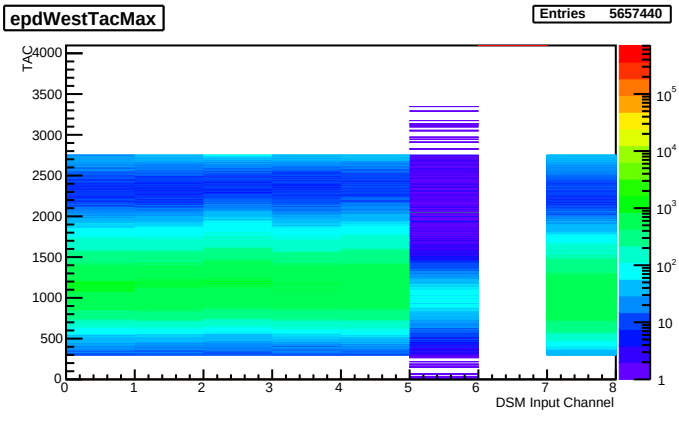
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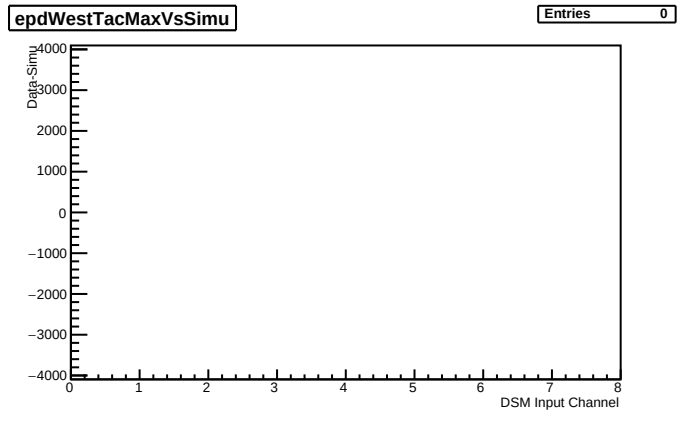
DSM Input Channel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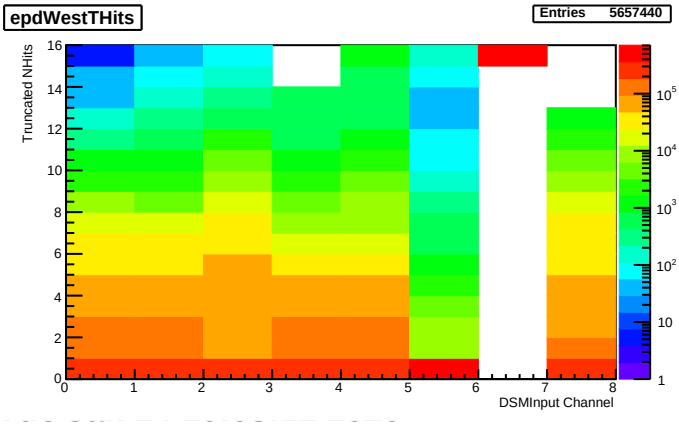
DSM Input Channel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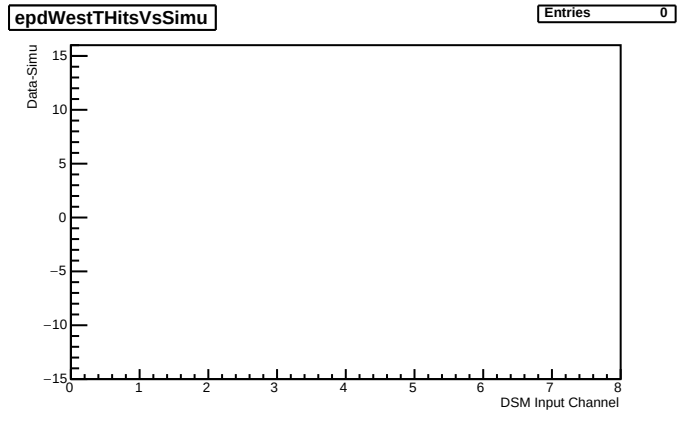
Entries 5657440
Truncated NHits
DSMInput Channel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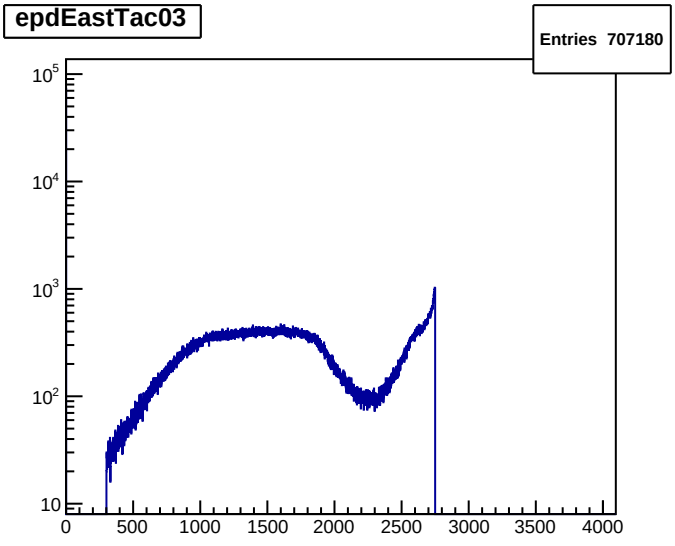
Entries 0
Data-Simu
DSM Input Channel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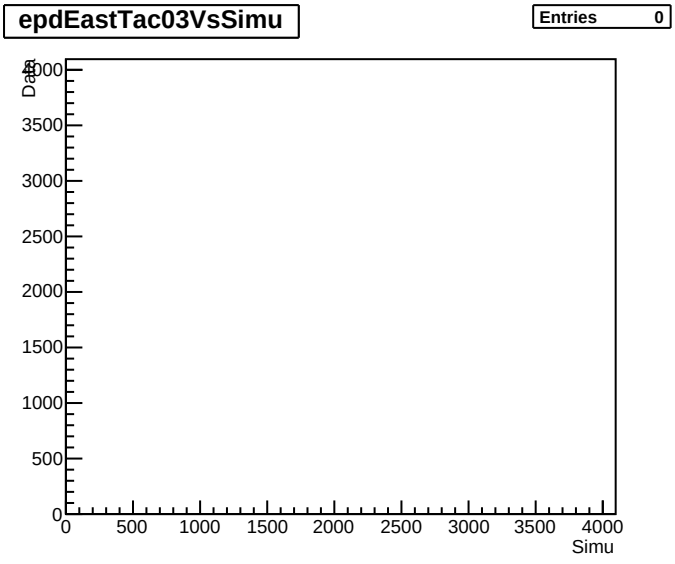
Entries 707180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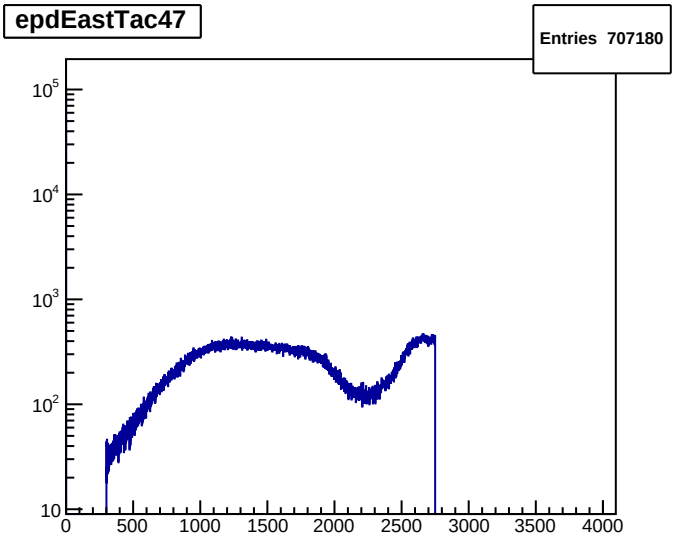
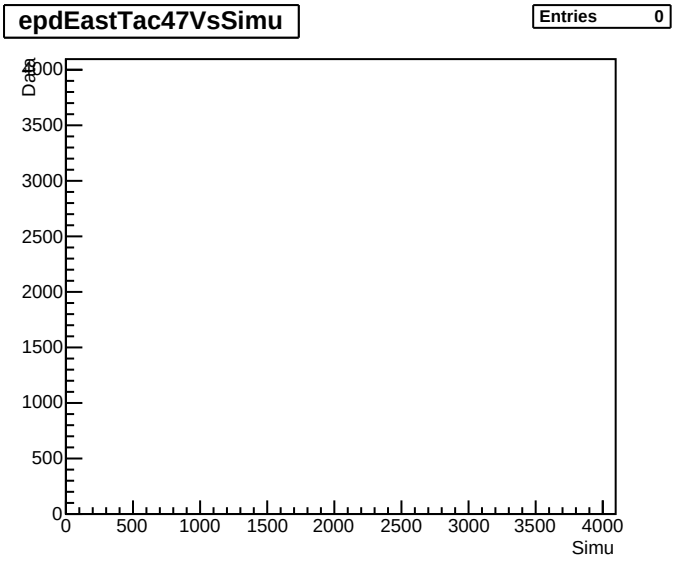
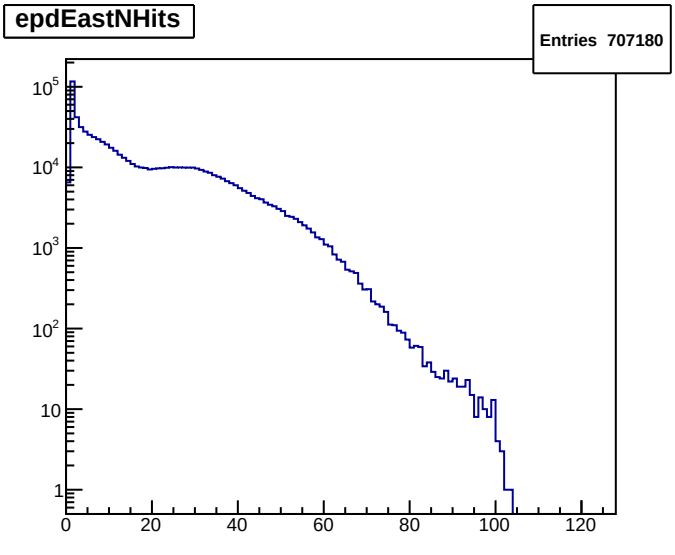
Entries 0
Data
Simu


epdEastTac47
Entries 707180


epdEastTac47VsSimu
Entries 0
Data
Simu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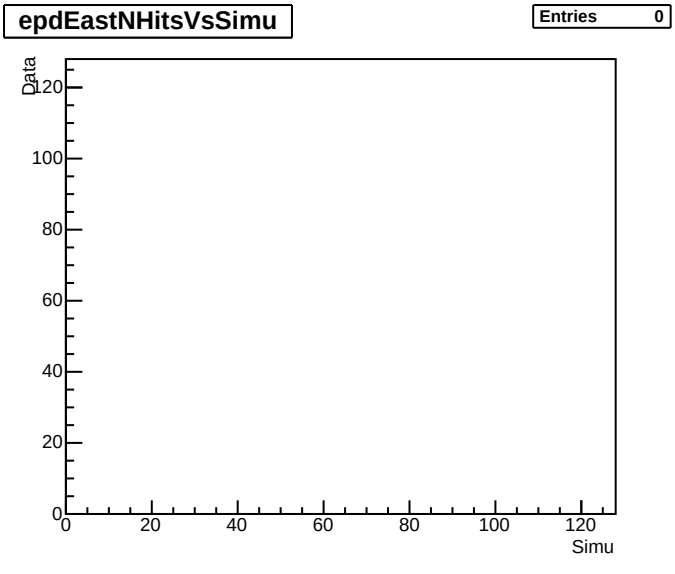
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Entries 0
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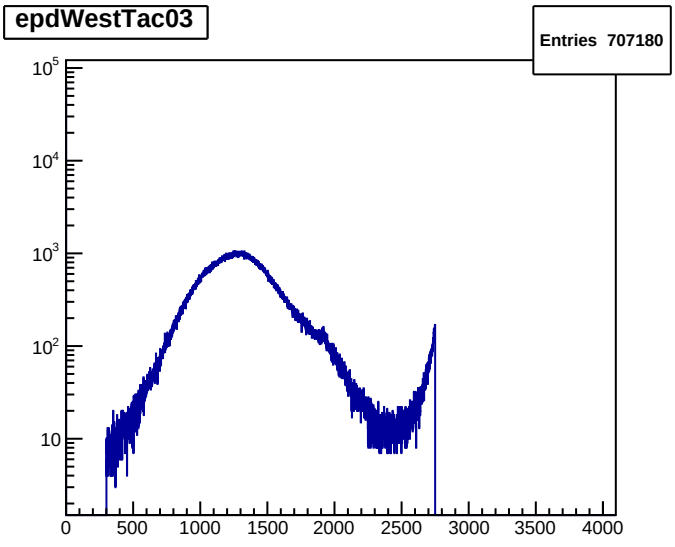
Simu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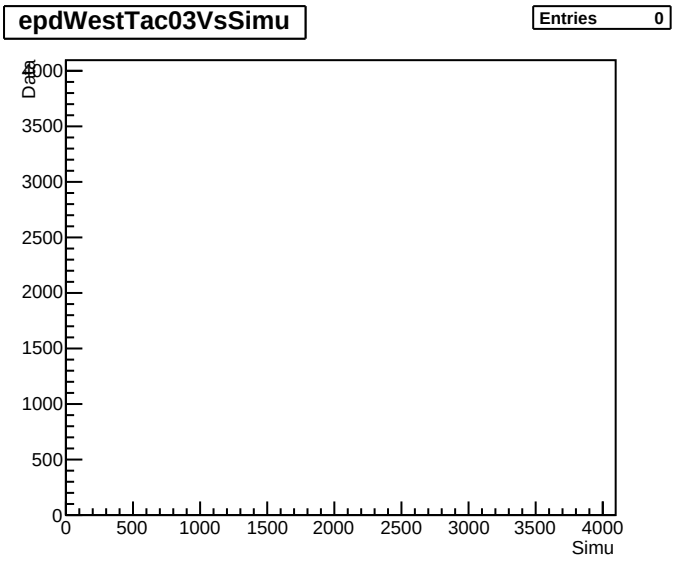
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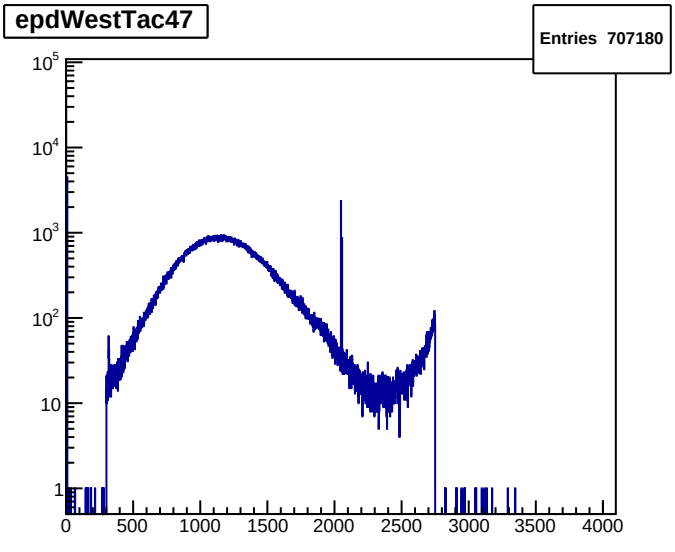
Simu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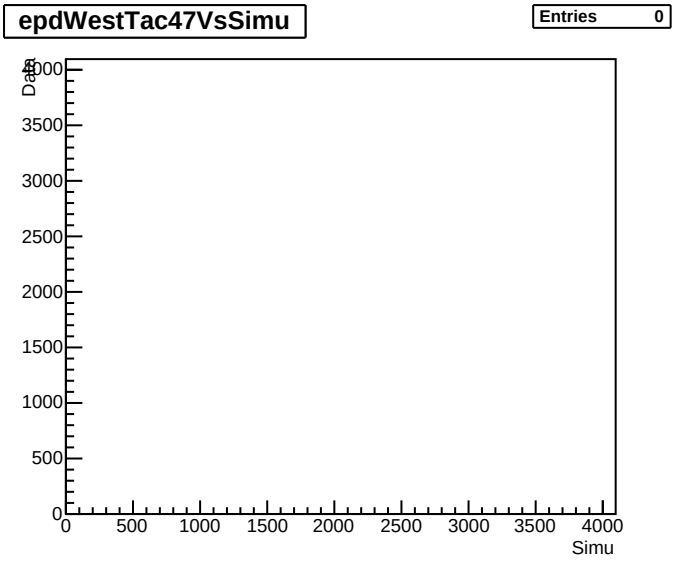
Entries 707180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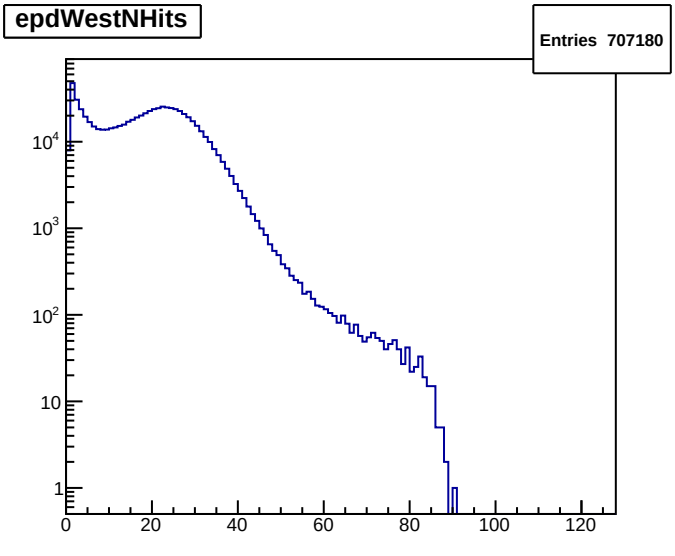
Simu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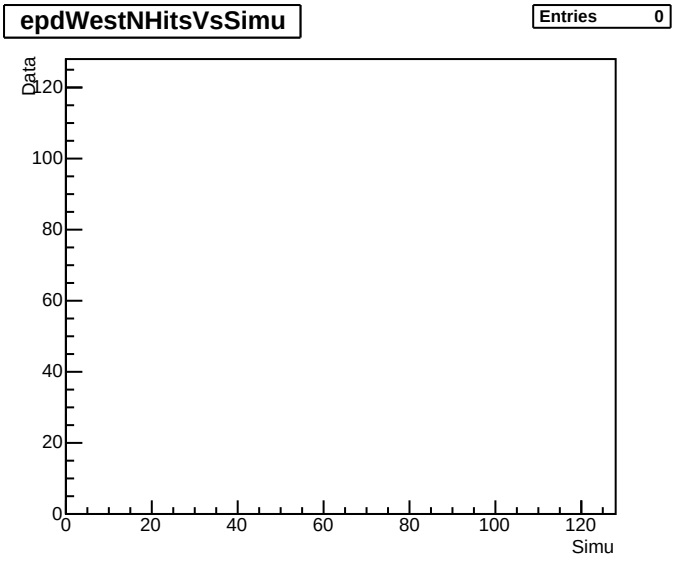
Entries 707180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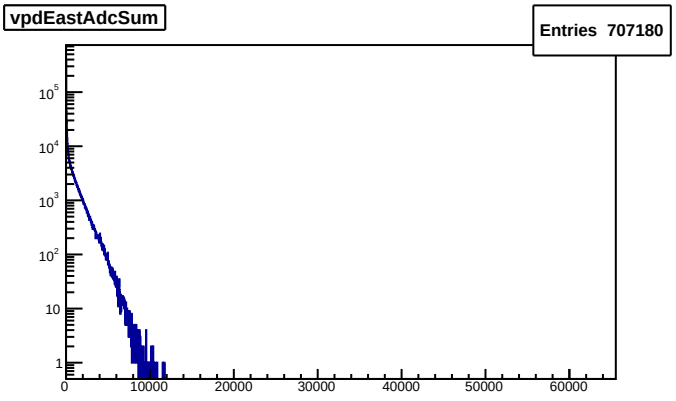
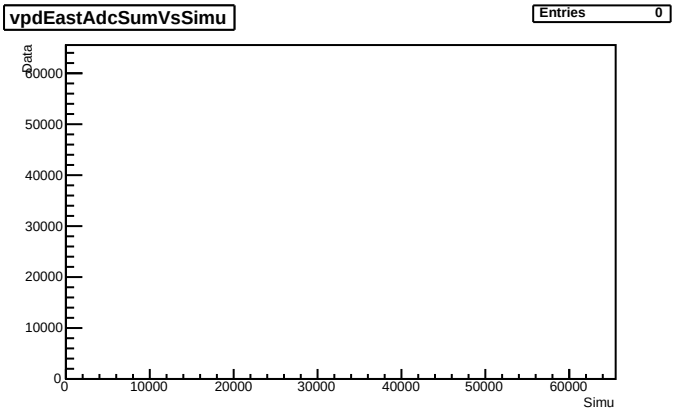
Entries 0
Data
Simu


vpdEastAdcSum
Entries 707180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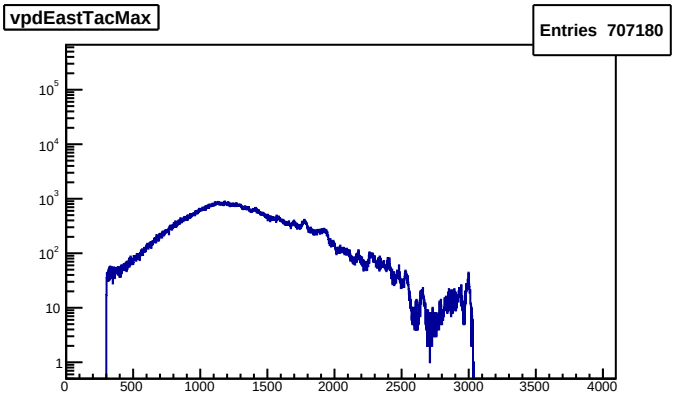
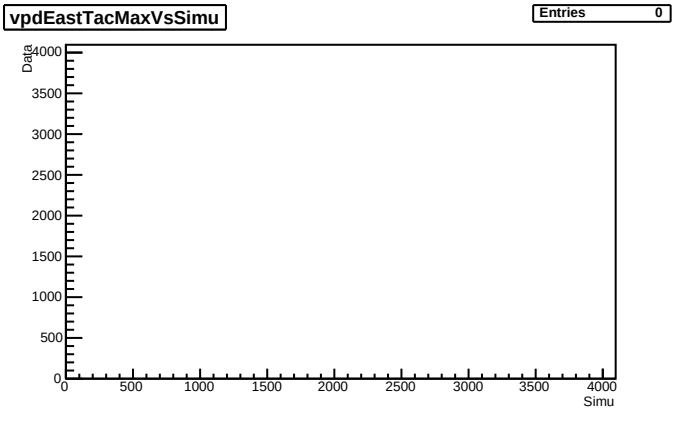
Entries 0
Data
Simu


vpdEastTacMax
Entries 707180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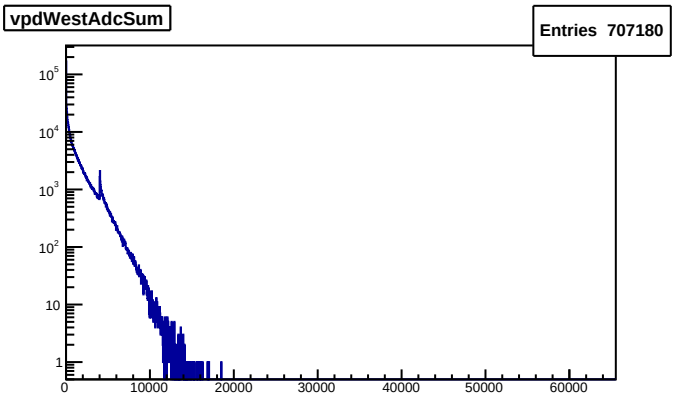
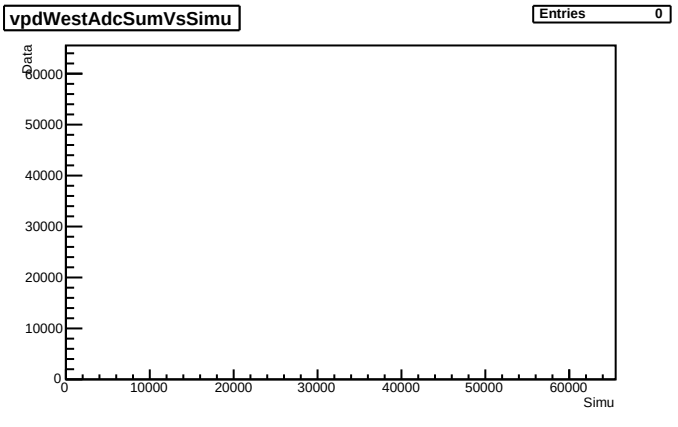
Entries 0
Data
Simu


vpdWestAdcSum
Entries 707180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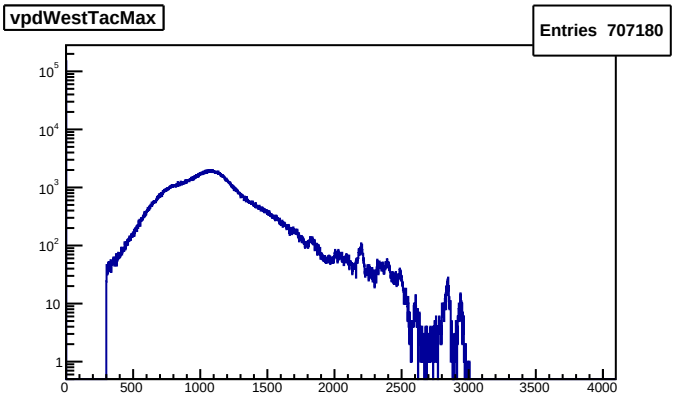
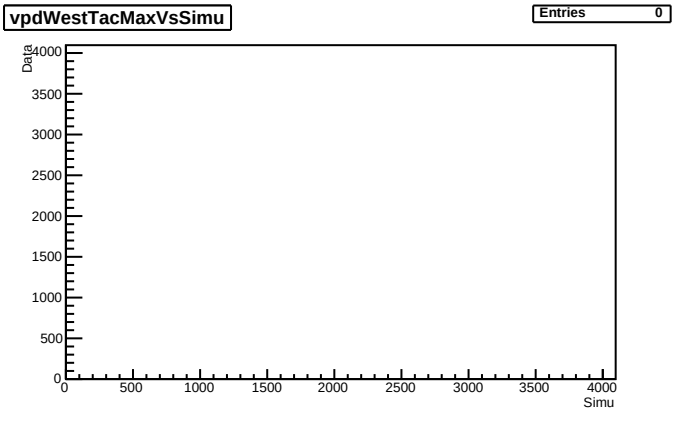
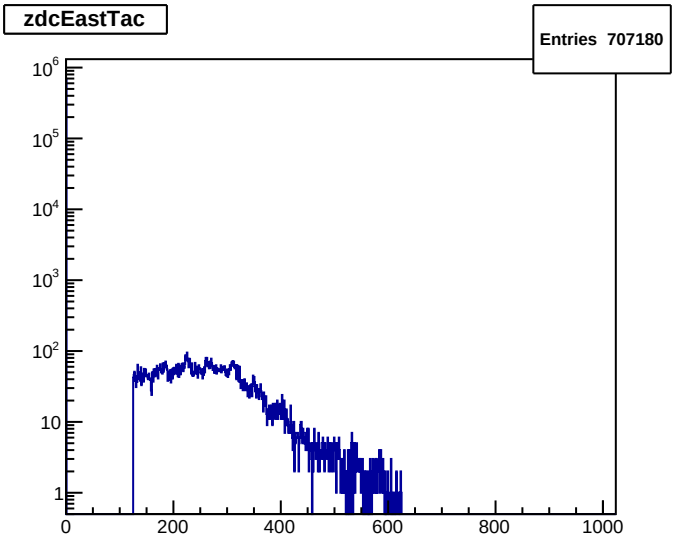
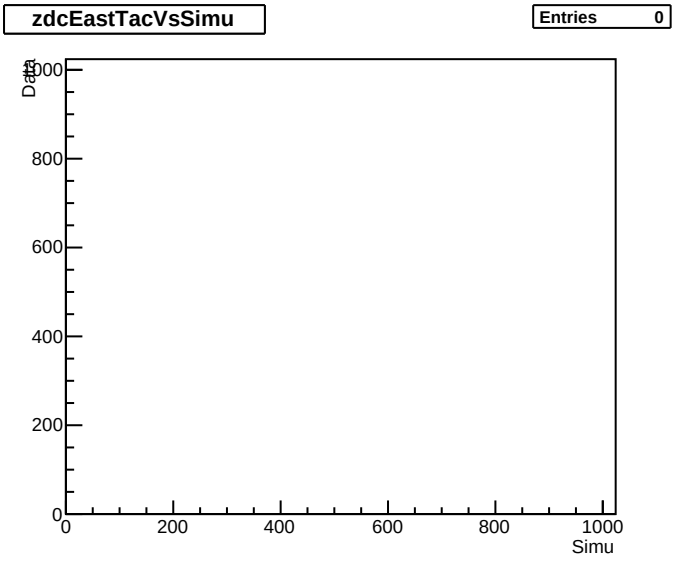
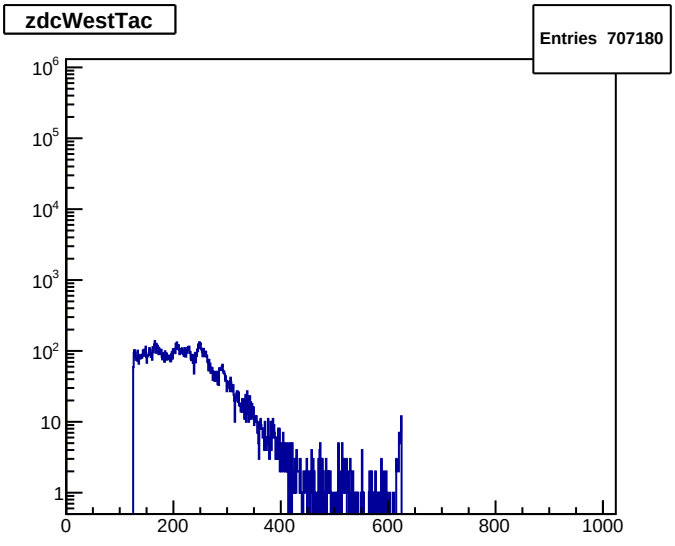
Entries 0
Data
Simu

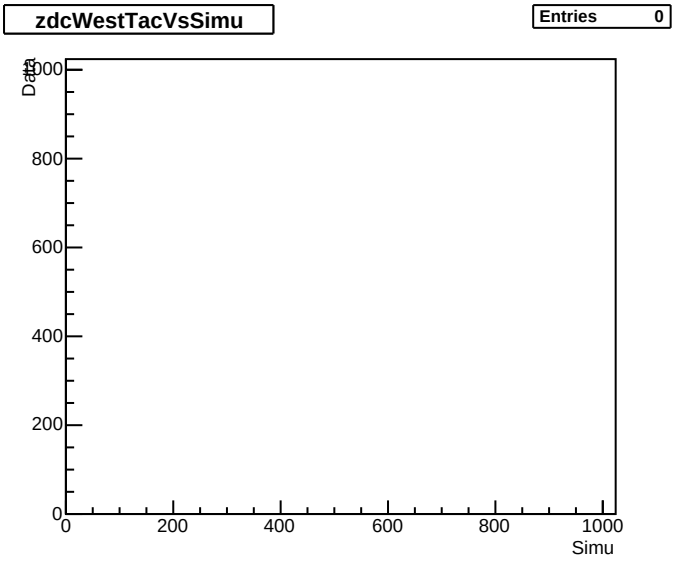

vpdWestTacMax
Entries 707180

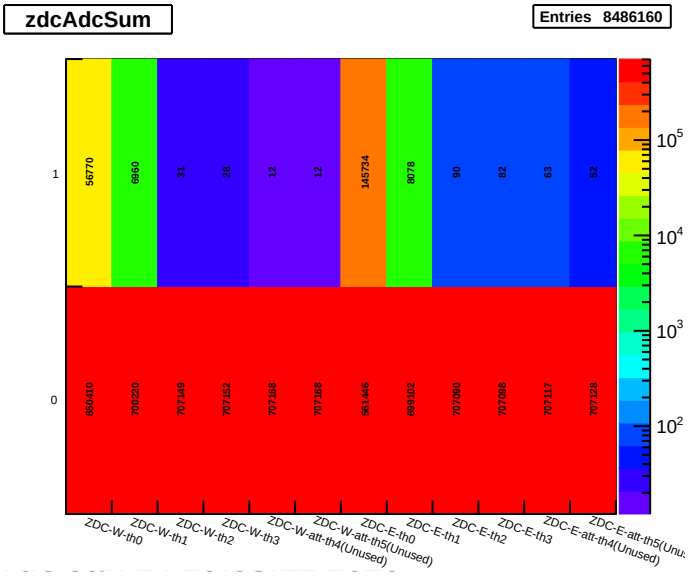

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

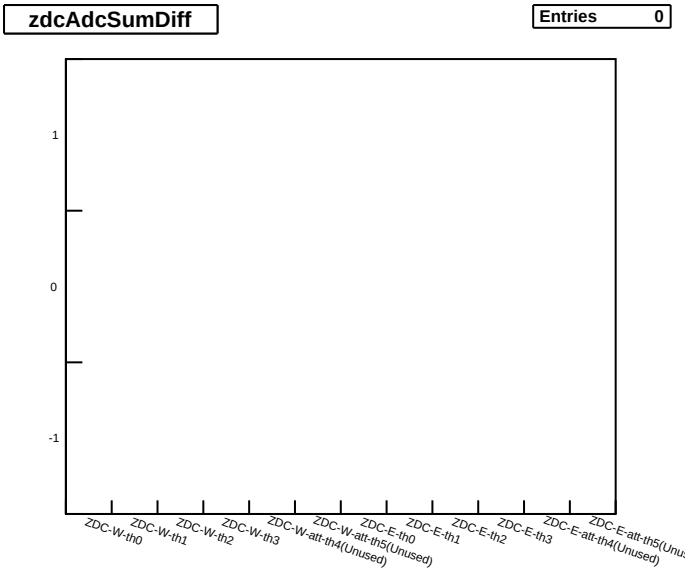

zdcEastTac
Entries 707180


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 707180


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 8486160
56770
6860
31
28
12
12
145734
8078
90
82
63
52
650410
700220
707149
707152
707168
707168
561446
699102
707090
707098
707117
707128
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)
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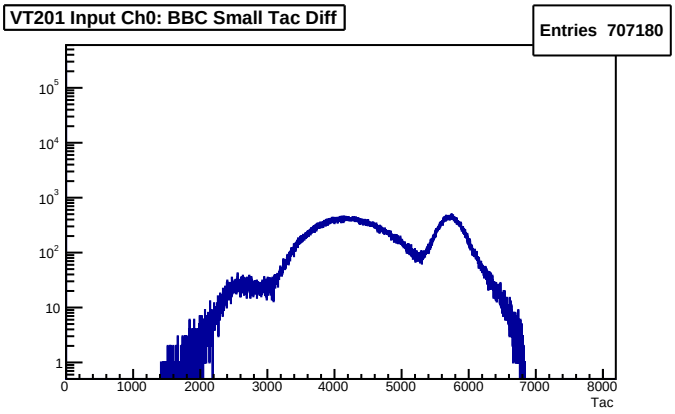
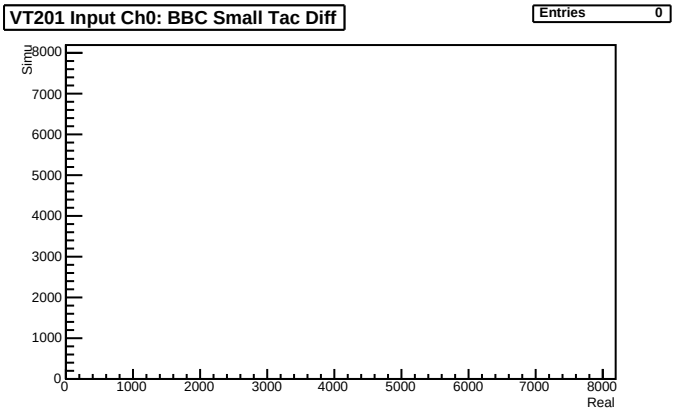
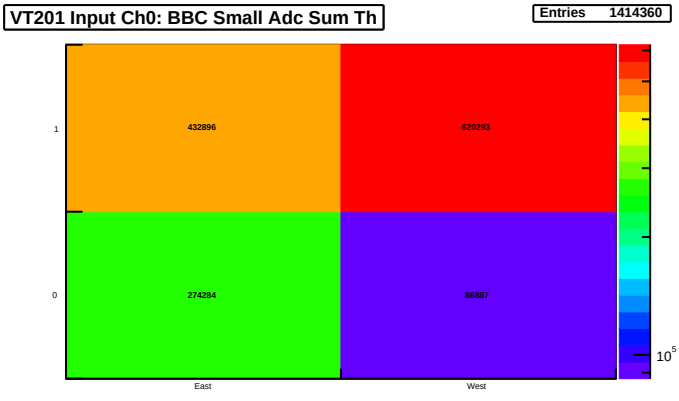
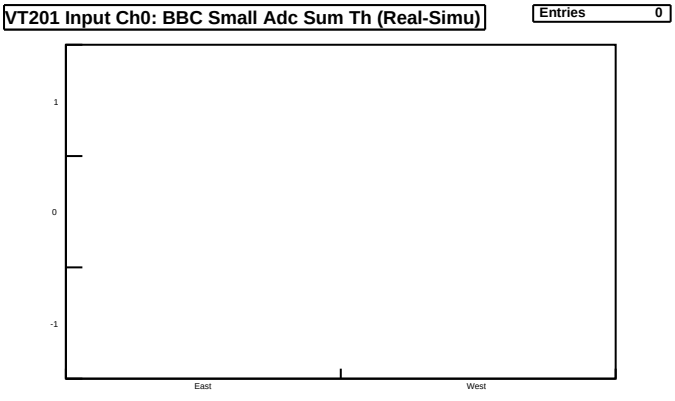
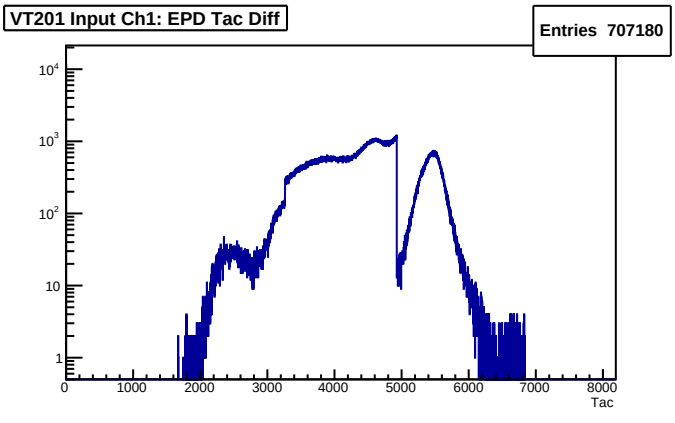
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

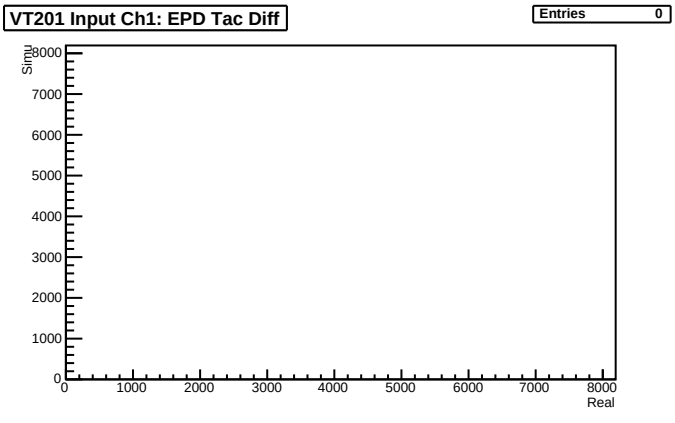

VT201 Input Ch0: BBC Small Tac Diff
Entries 707180
Tac

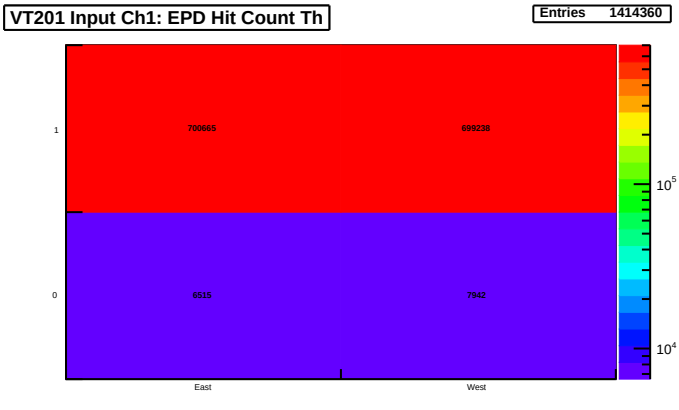

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

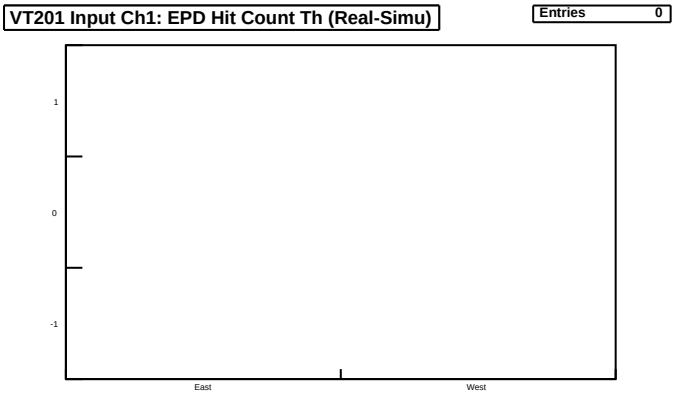

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1414360
432896
620293
274284
86887
East
West

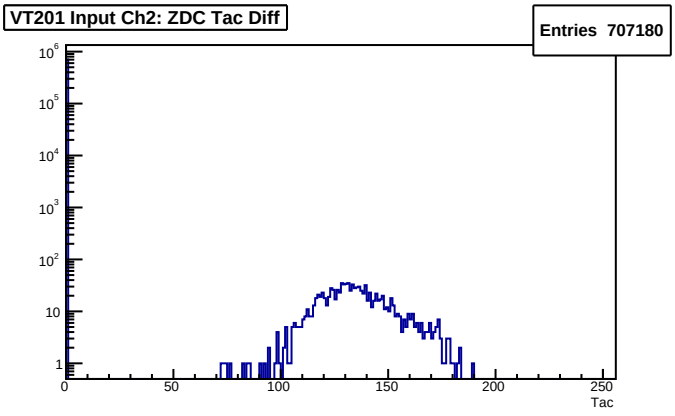

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

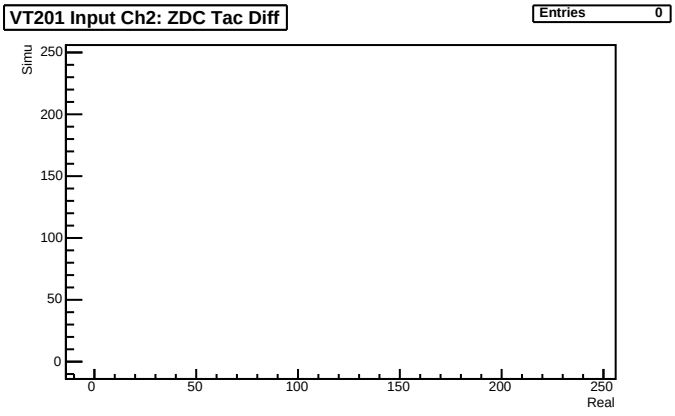

VT201 Input Ch1: EPD Tac Diff
Entries 707180
Tac

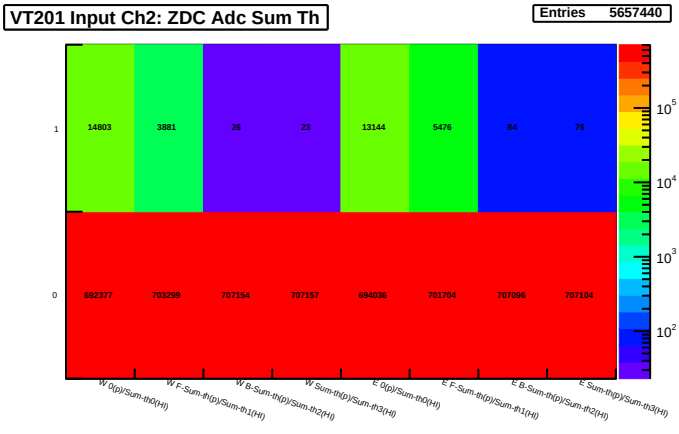

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

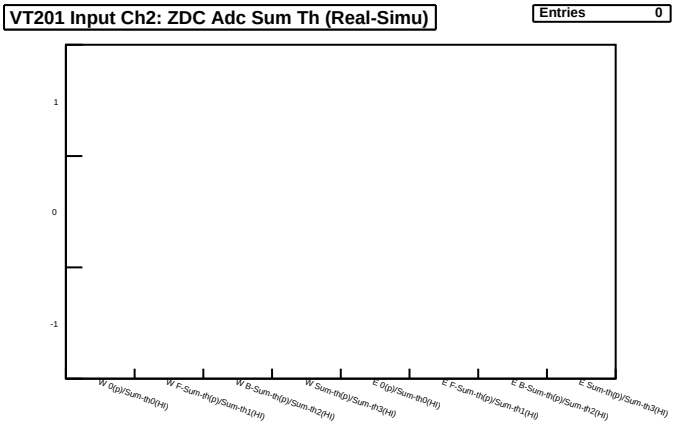

VT201 Input Ch1: EPD Hit Count Th
Entries 1414360
700665
699238
6515
7942
East
West

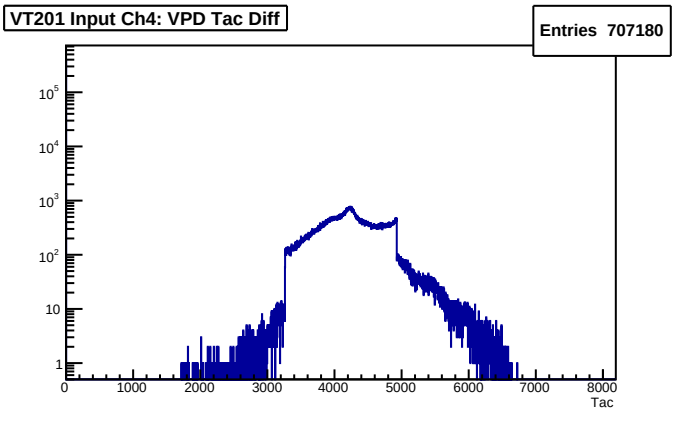

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

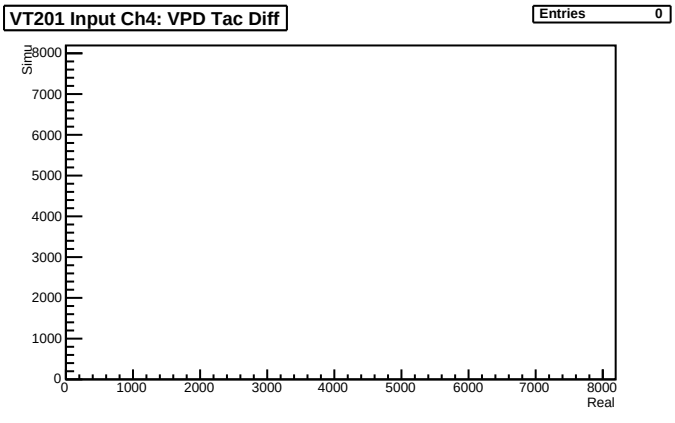

VT201 Input Ch2: ZDC Tac Diff
Entries 707180
Tac

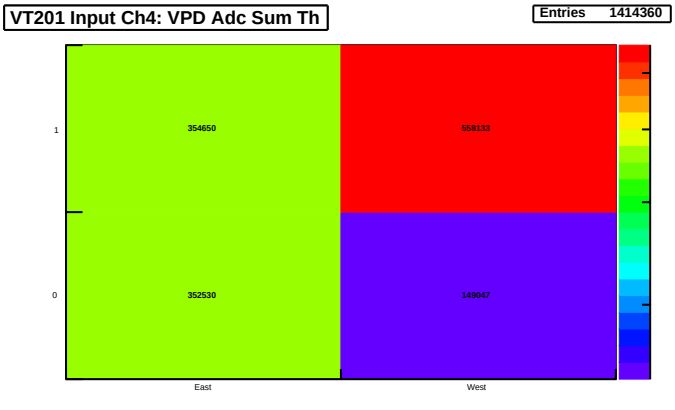

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

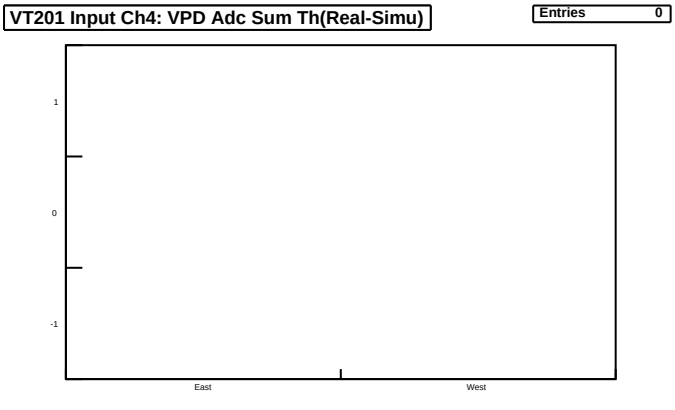

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5657440
14803
3881
26
23
13144
5476
84
76
692377
703299
707154
707157
694036
701704
707096
707104
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

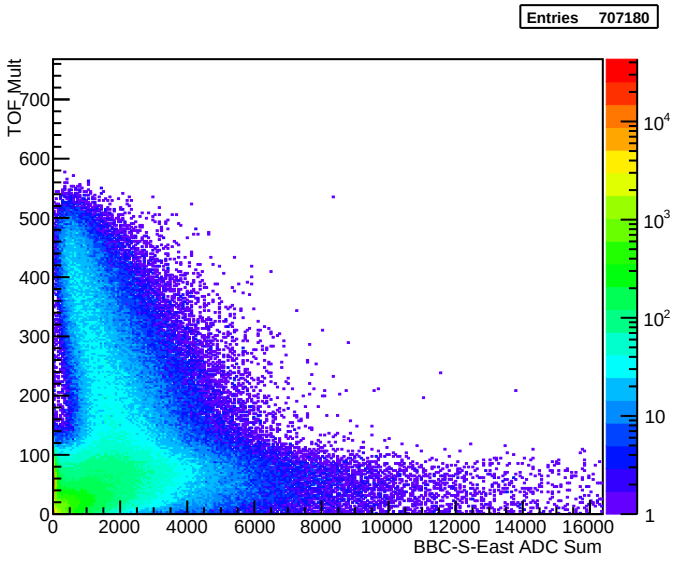

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

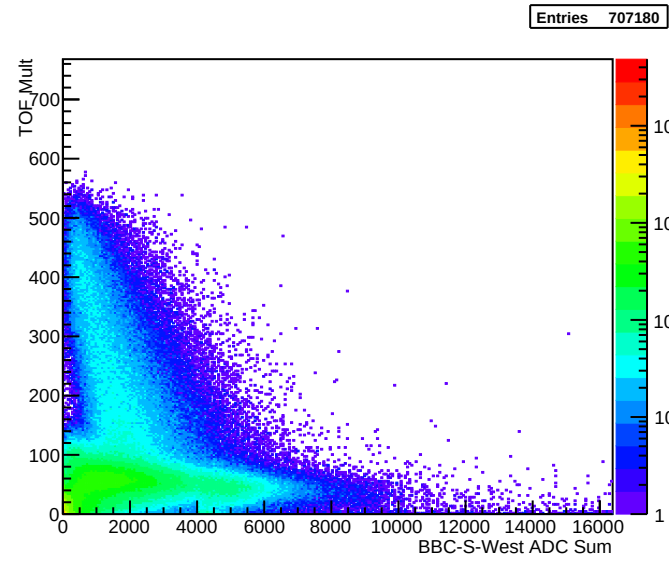

VT201 Input Ch4: VPD Tac Diff
Entries 707180
Tac

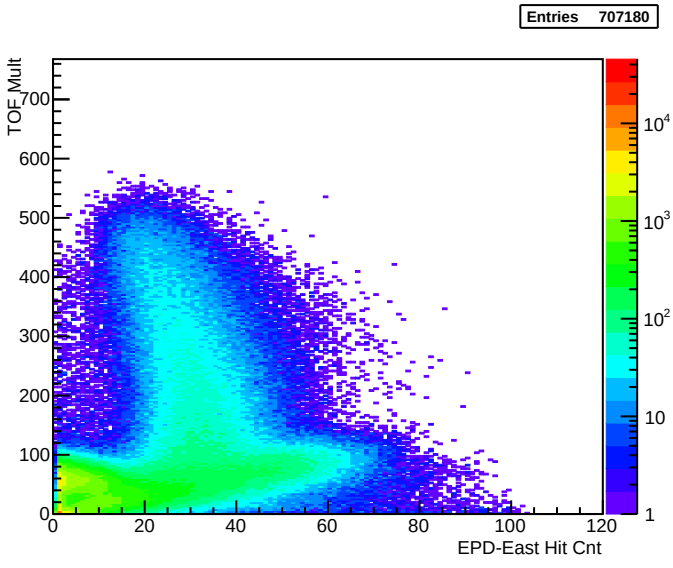

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

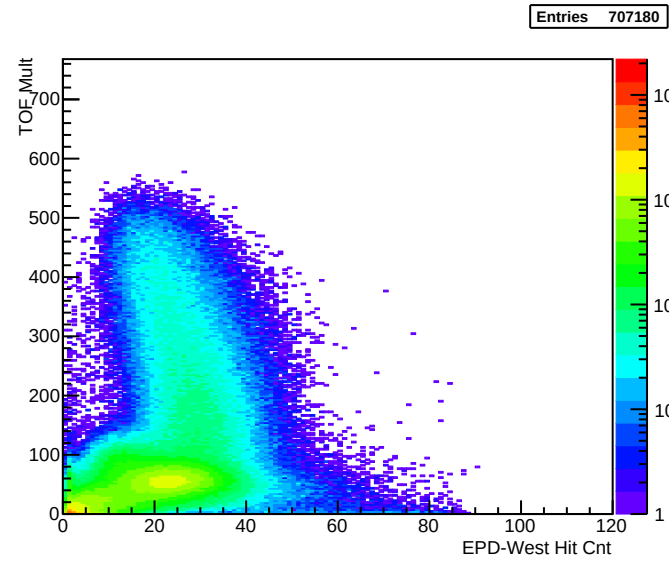

VT201 Input Ch4: VPD Adc Sum Th
Entries 1414360
354650
558133
352530
149047
East
West

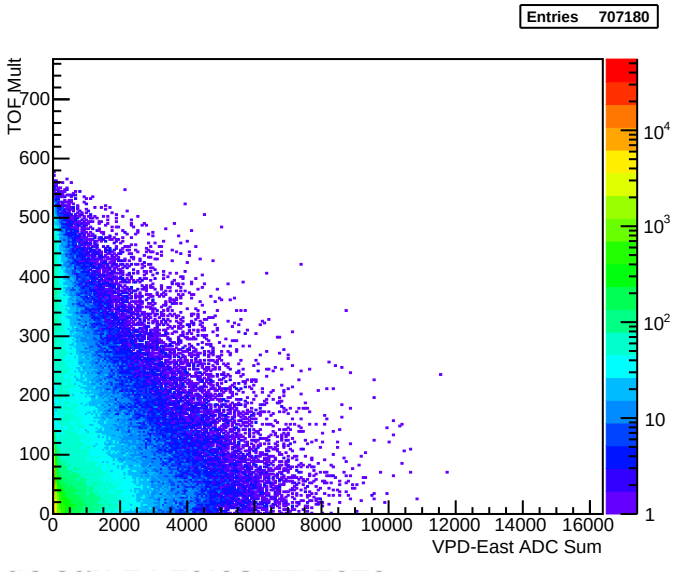

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

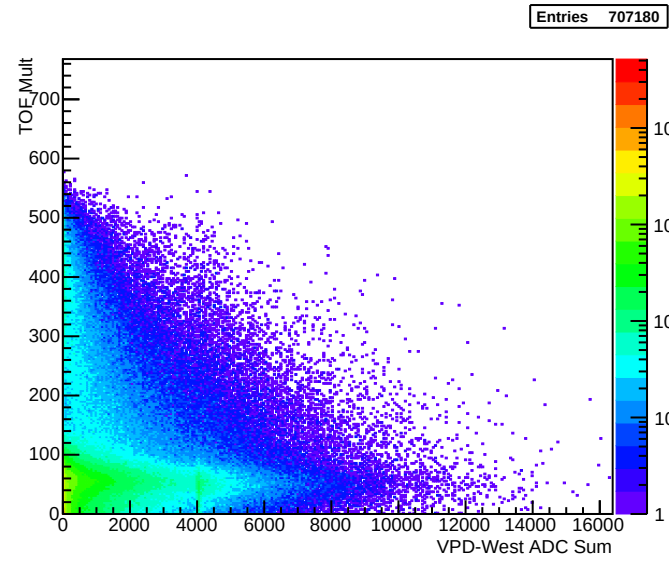

Entries 707180
TOF_Mult
BBC-S-East ADC Sum

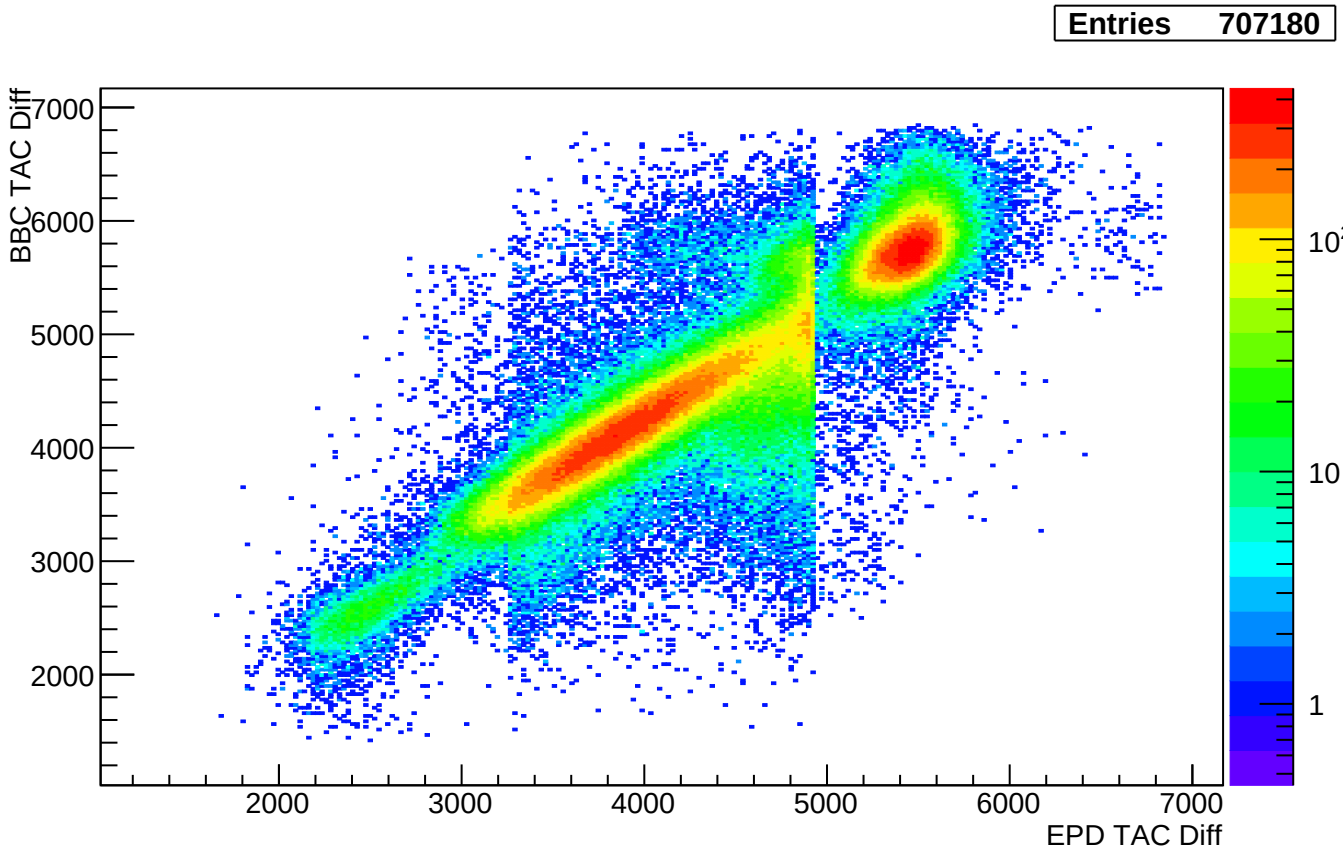

Entries 707180
TOF_Mult
BBC-S-West ADC Sum

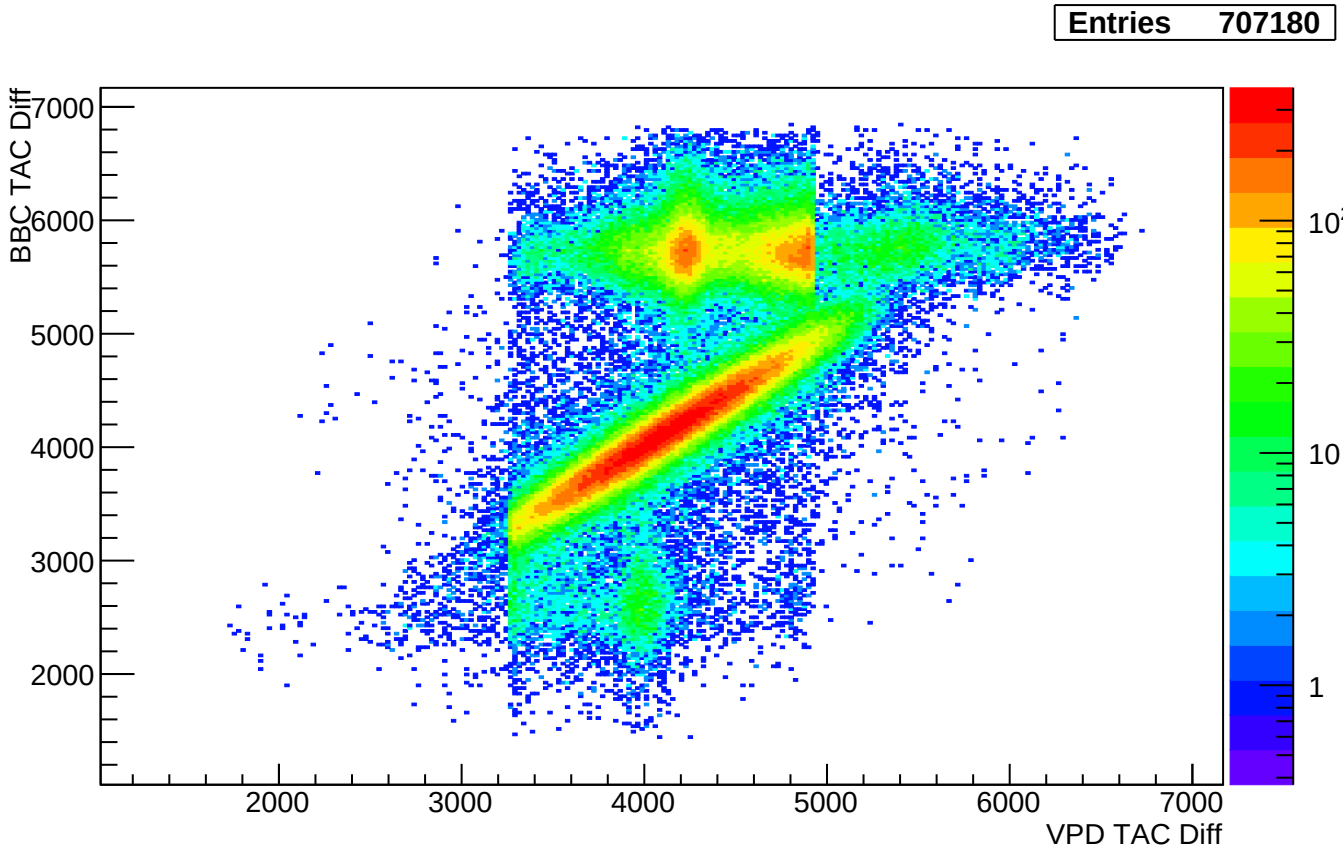

Entries 707180
TOF_Mult
EPD-East Hit Cnt

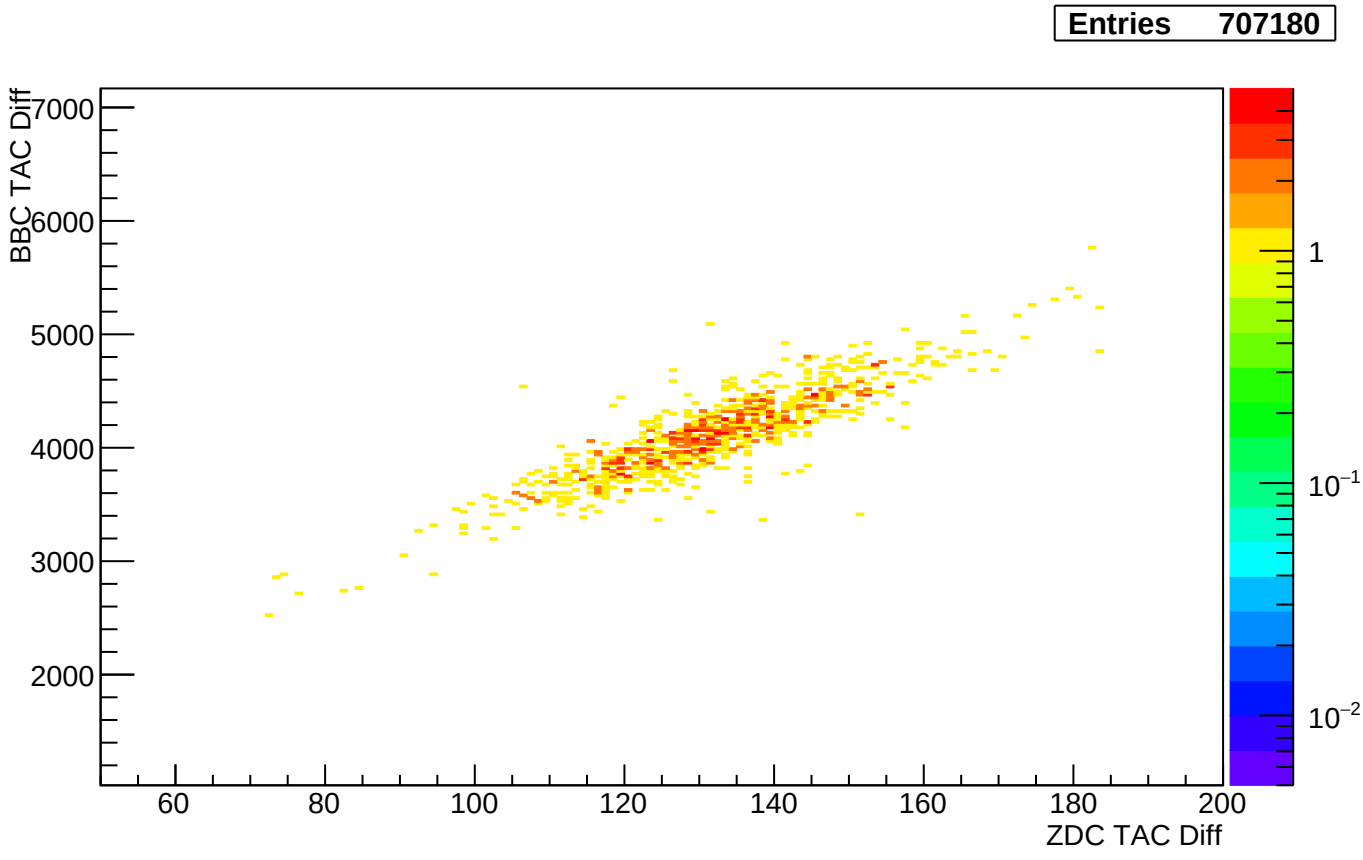

Entries 707180
TOF_Mult
EPD-West Hit Cnt

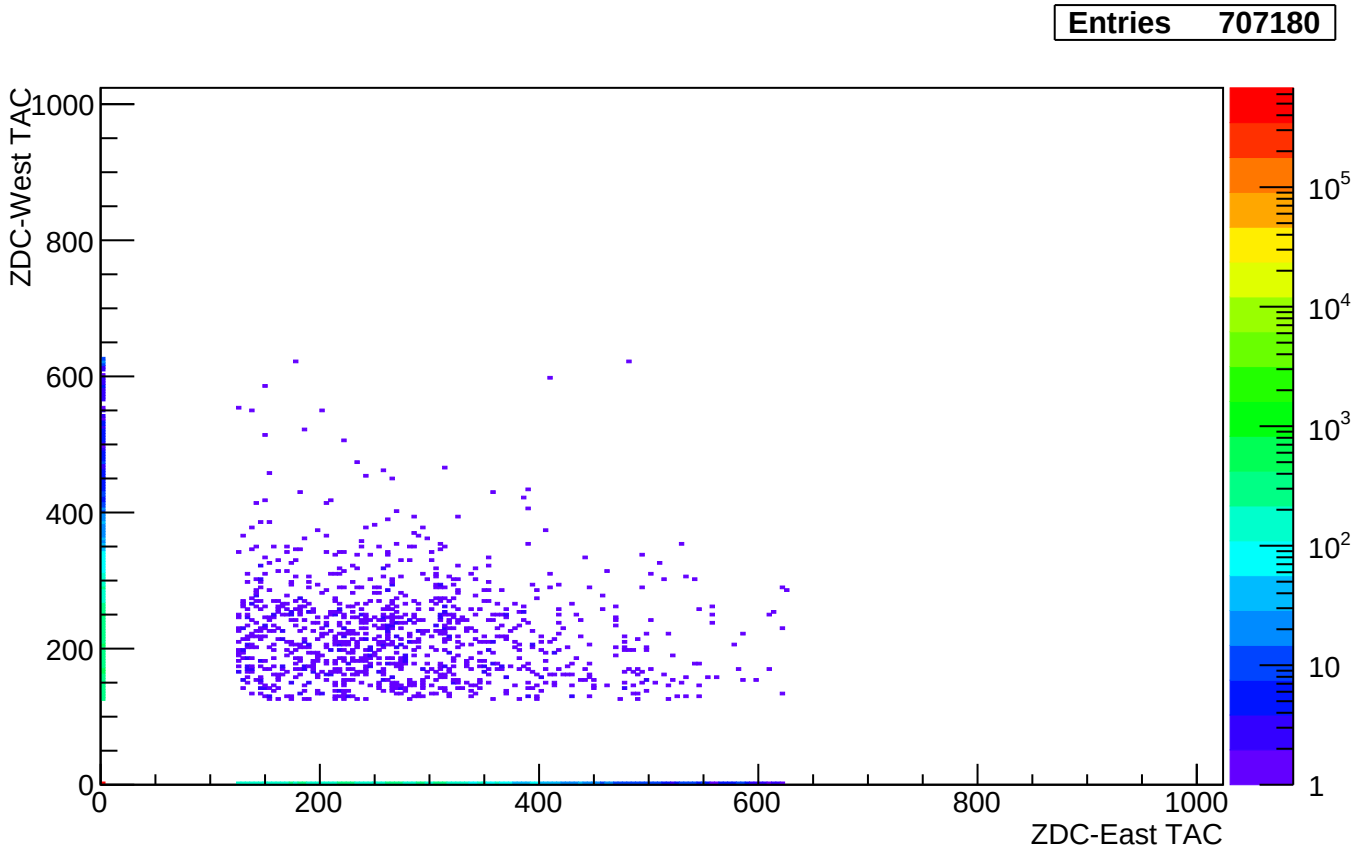

Entries 707180
TOF_Mult
VPD-East ADC Sum

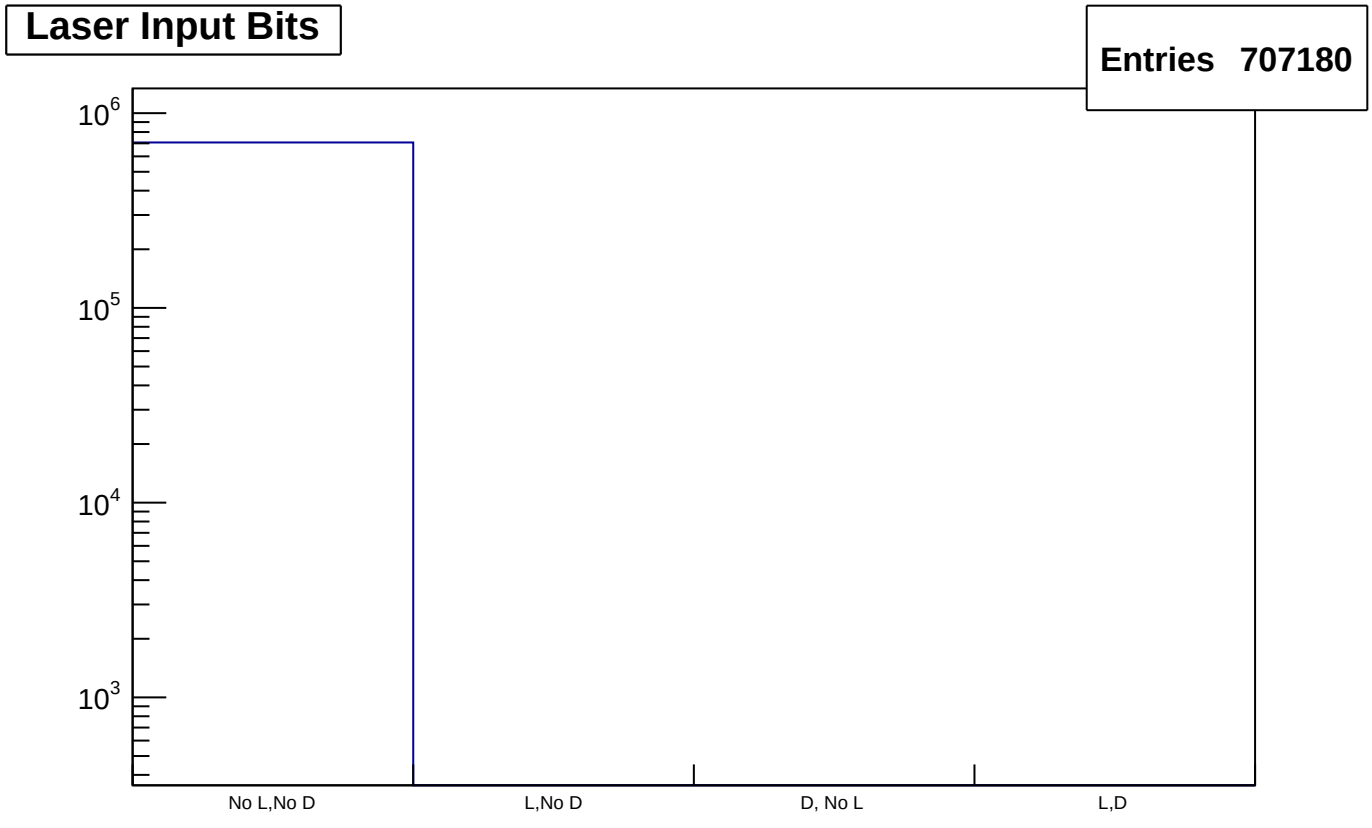

Entries 707180
TOF_Mult
VPD-West ADC Sum

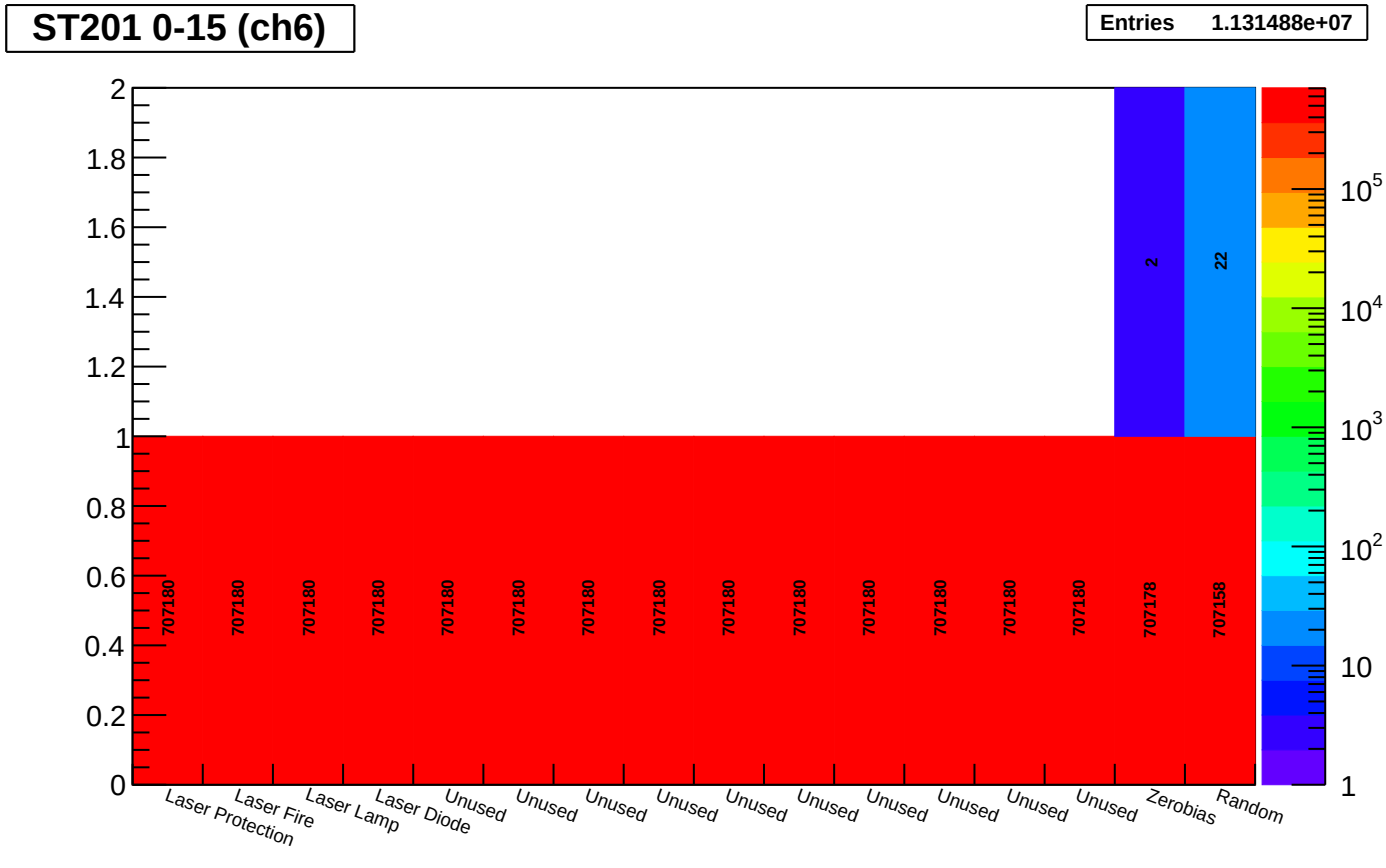

Entries 707180
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

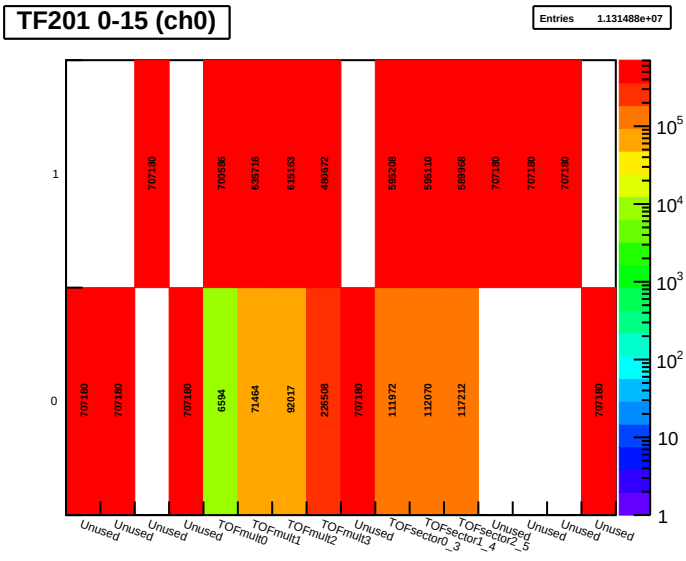

Entries 707180
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

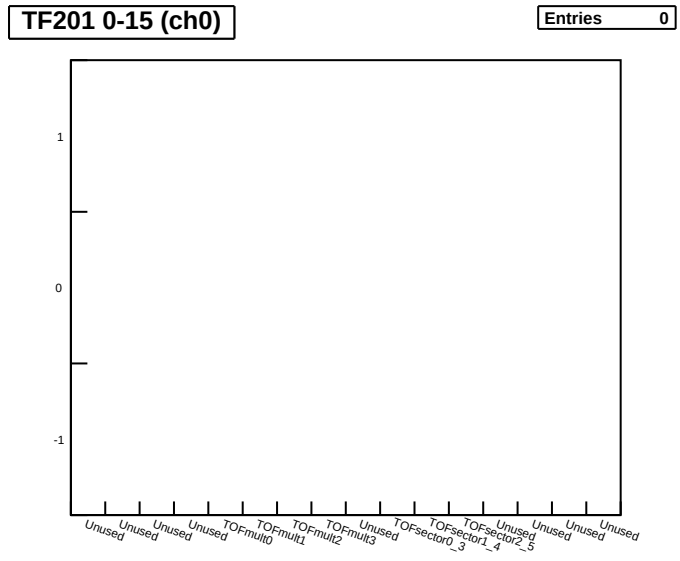

Entries 707180
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

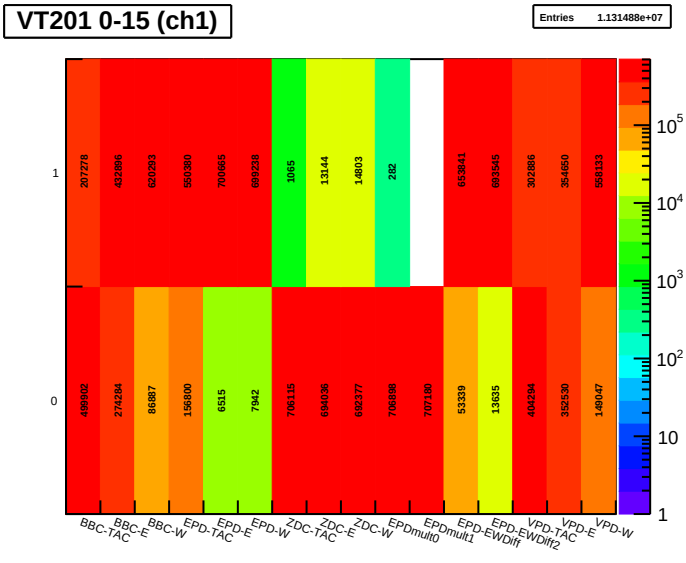

Entries 707180
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

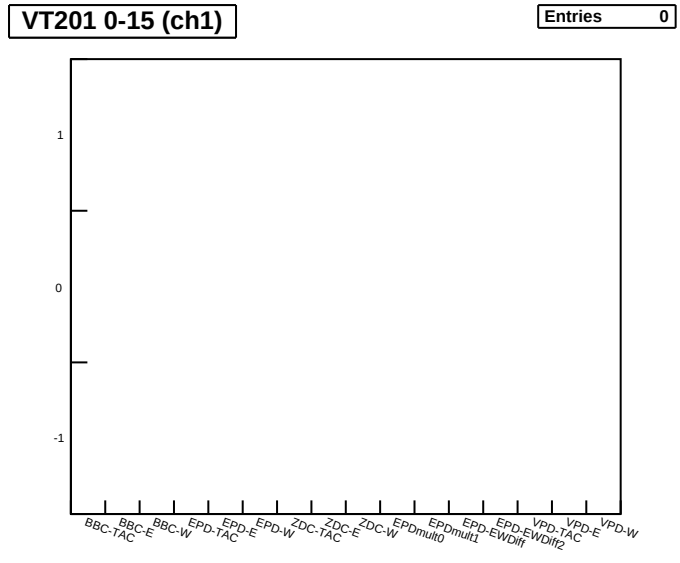

Laser Input Bits
Entries 707180
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

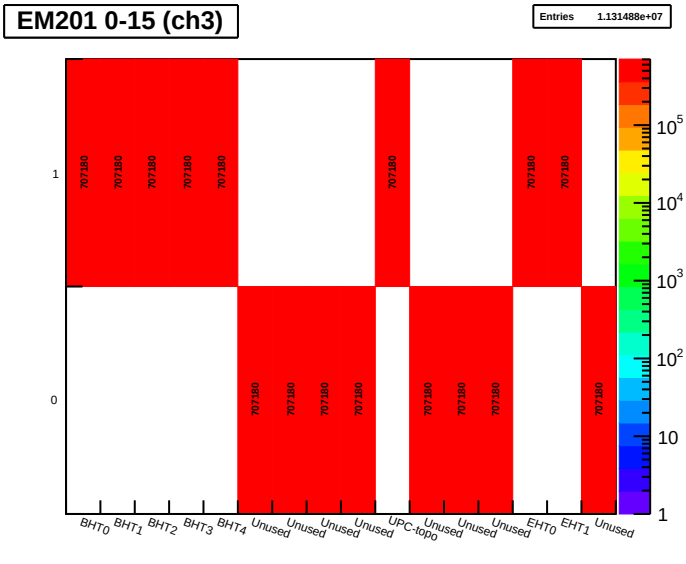

ST201 0-15 (ch6)
Entries 1.131488e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
707178
707158
2
22
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

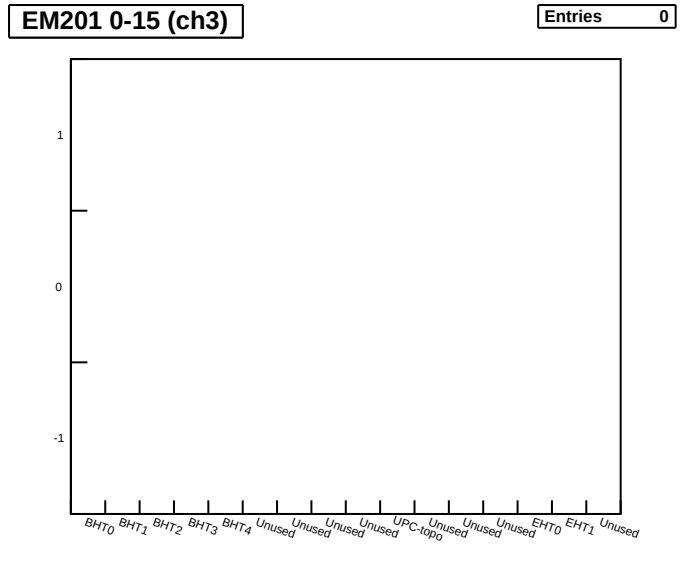

TF201 0-15 (ch0)
Entries 1.131488e+07
1
0
707180
700586
635716
615163
490672
595208
595110
589968
707180
707180
707180
707180
707180
6594
71464
92017
226508
707180
111972
112070
117212
707180
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 1.131488e+07
1
0
207278
432896
620293
550380
700665
699238
1065
13144
14803
282
653841
693545
302866
354650
558133
499902
274284
86887
156800
6515
7942
706115
694036
692377
706898
707180
53339
13635
404294
352530
149047
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
10^5
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 1.131488e+07
1
0
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
707180
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