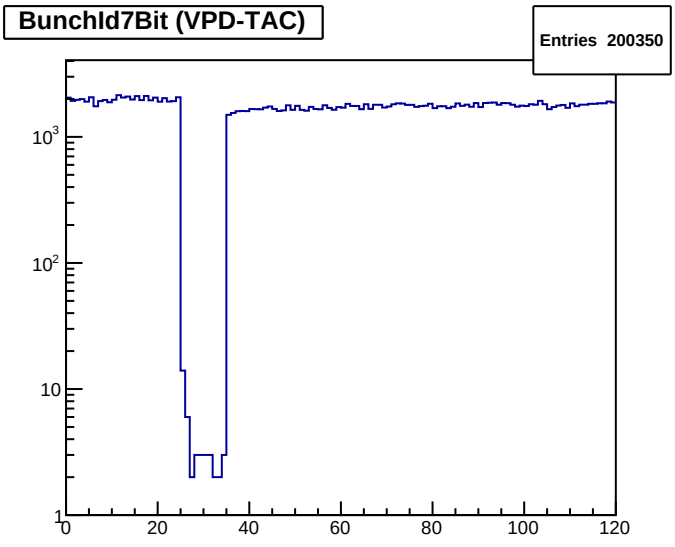
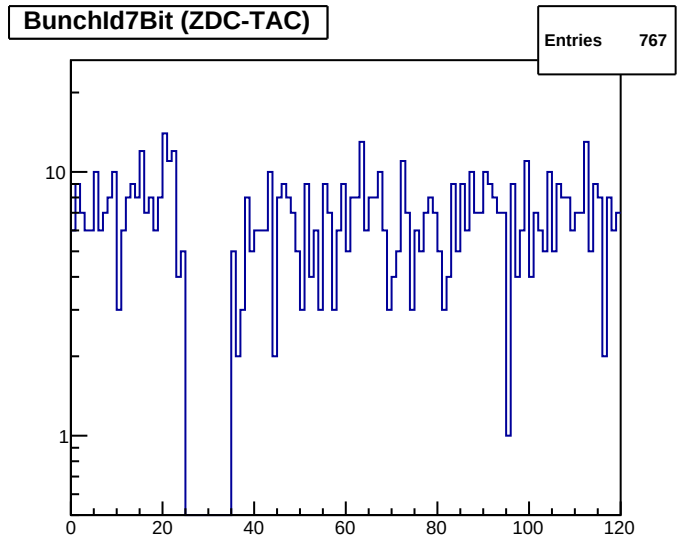
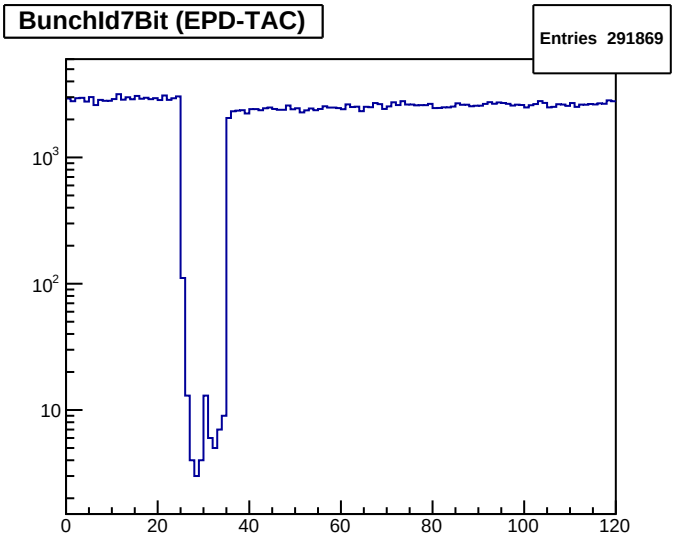
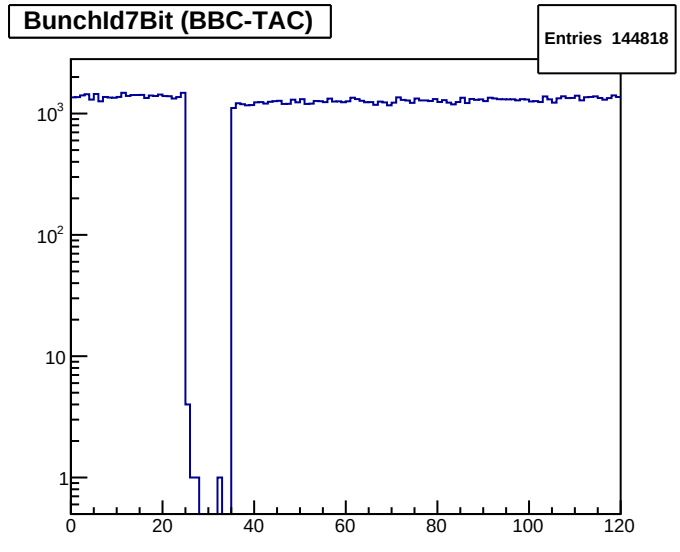
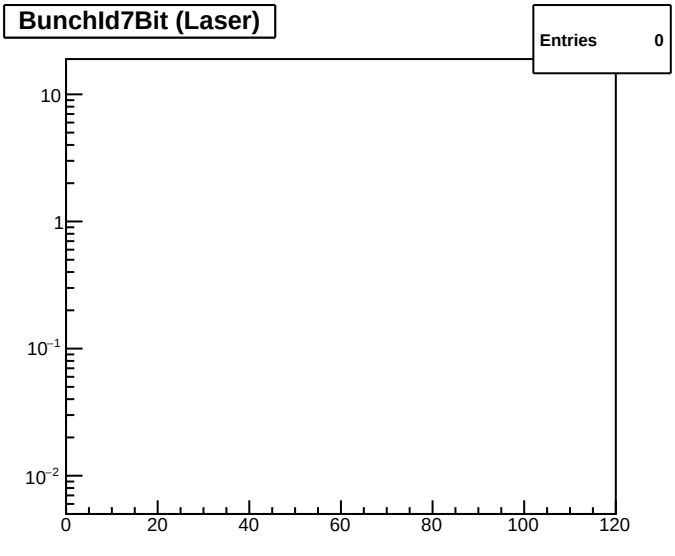
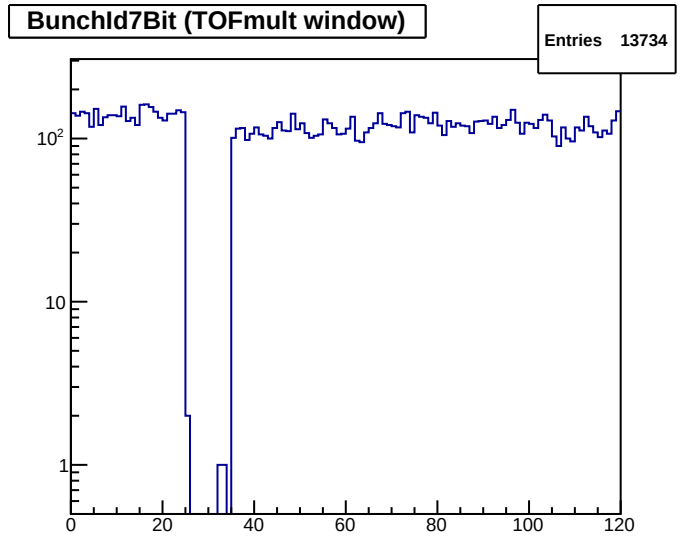

BunchId7Bit (VPD-TAC)
Entries 200350

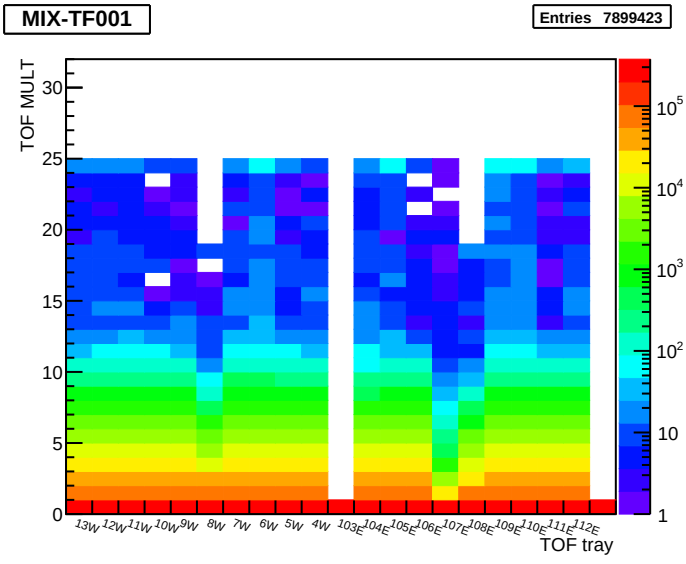

BunchId7Bit (ZDC-TAC)
Entries 767

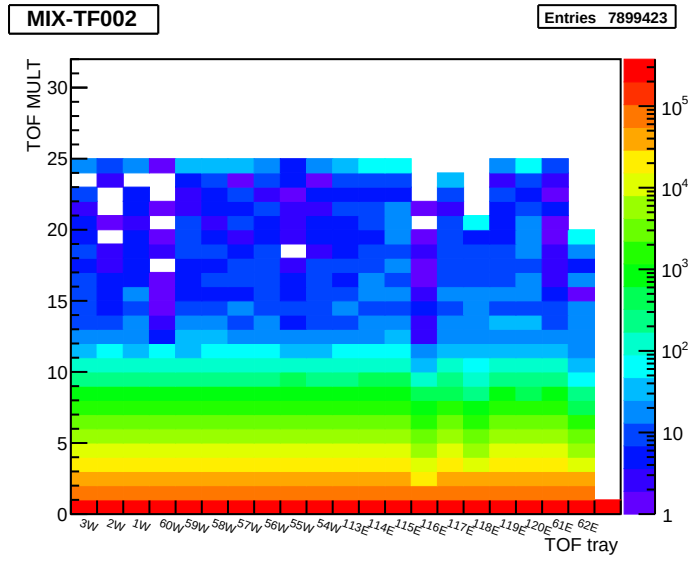

BunchId7Bit (EPD-TAC)
Entries 291869

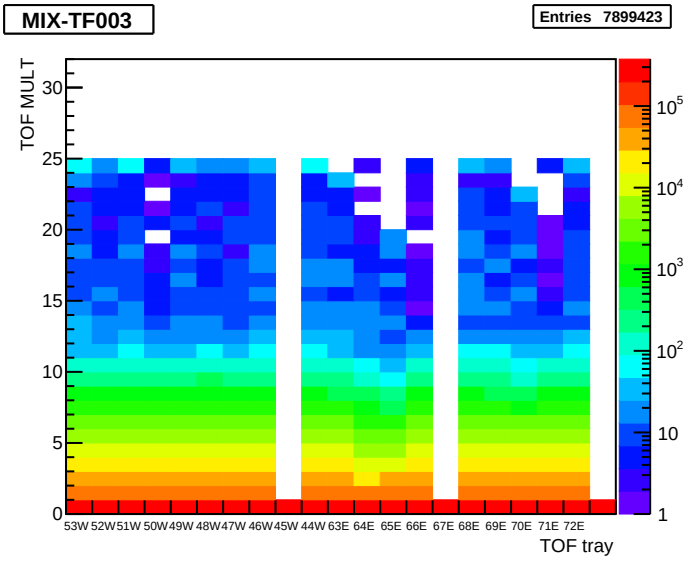

BunchId7Bit (BBC-TAC)
Entries 144818

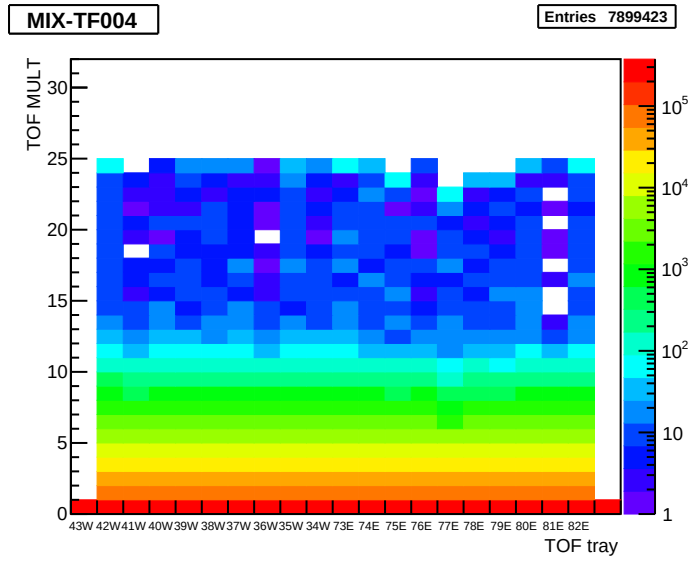

BunchId7Bit (Laser)
Entries 0

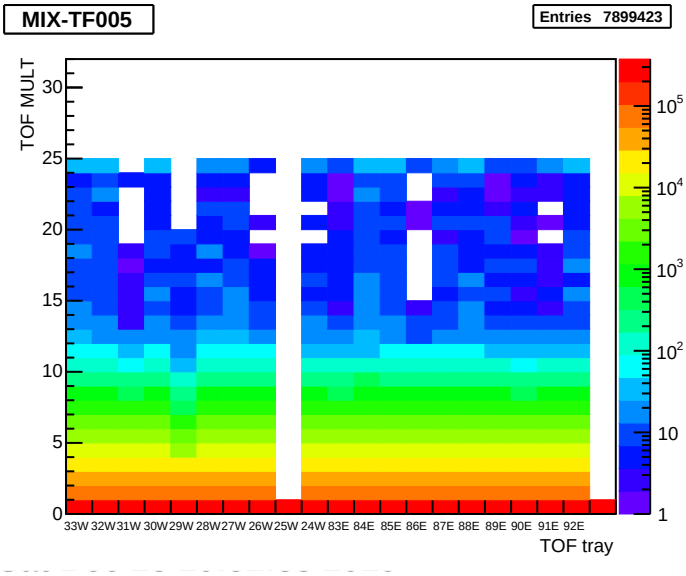

BunchId7Bit (TOFmult window)
Entries 13734

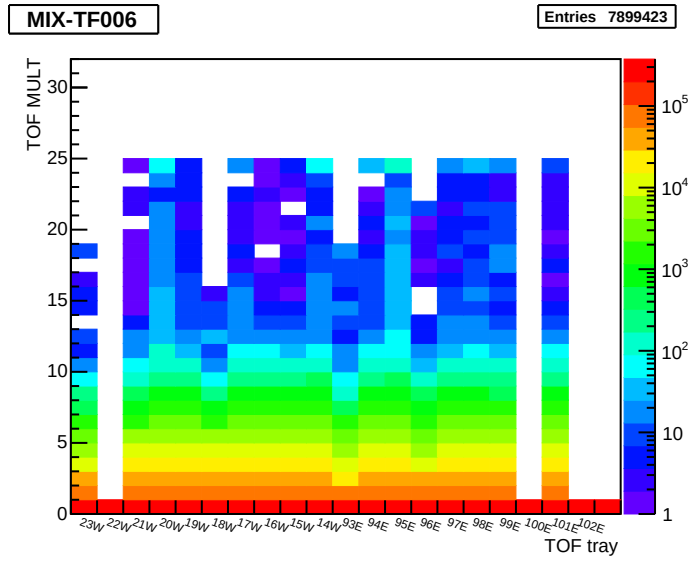

MIX-TF001
Entries 7899423
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

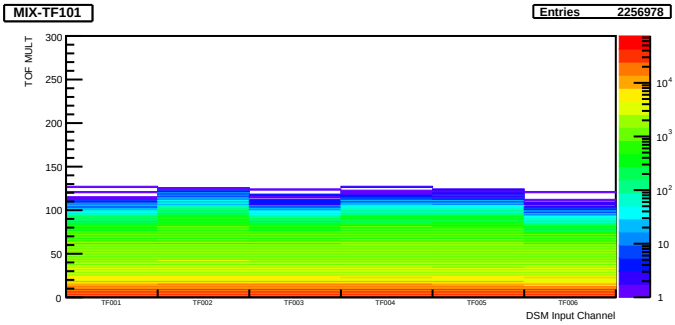

MIX-TF002
Entries 7899423
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

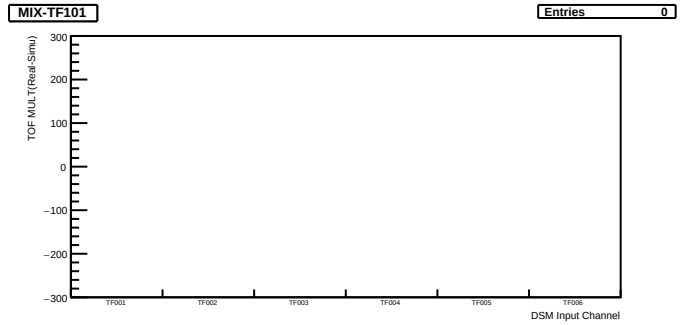

MIX-TF003
Entries 7899423
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

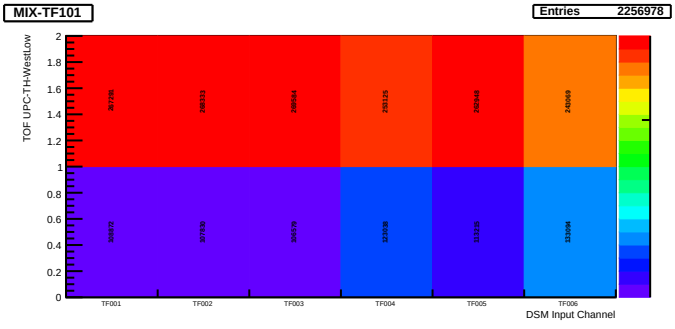

MIX-TF004
Entries 7899423
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

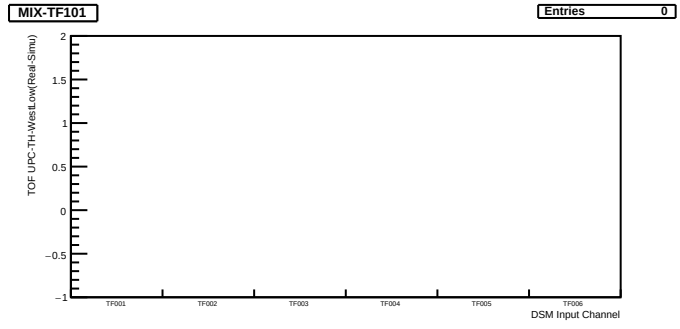

MIX-TF005
Entries 7899423
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

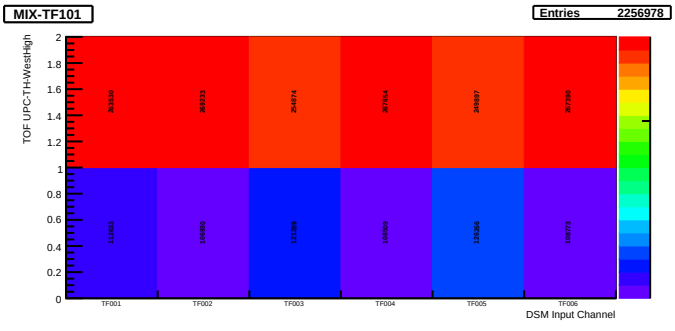

MIX-TF006
Entries 7899423
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

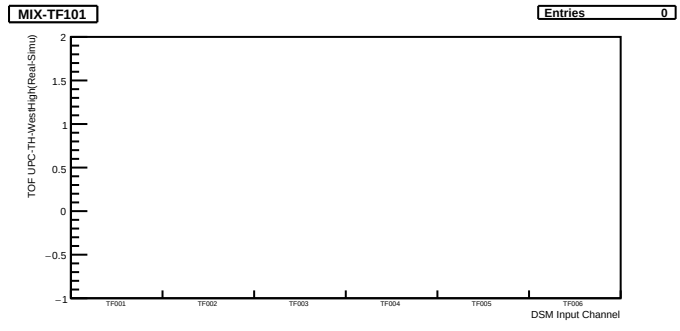

MIX-TF101
Entries 2256978
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

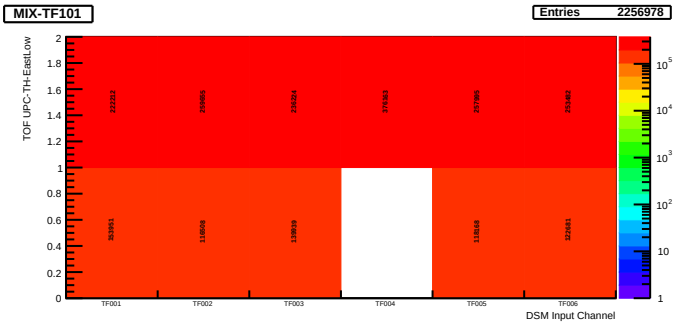

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

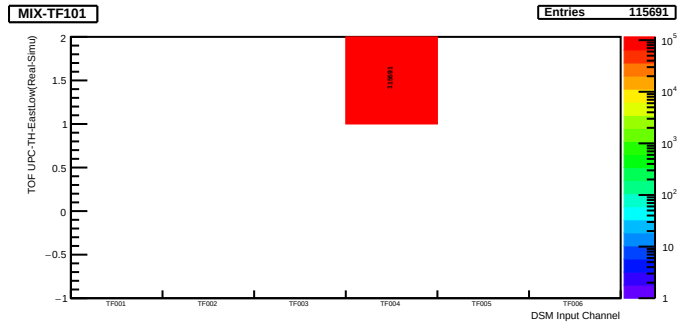

MIX-TF101
Entries 2256978
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

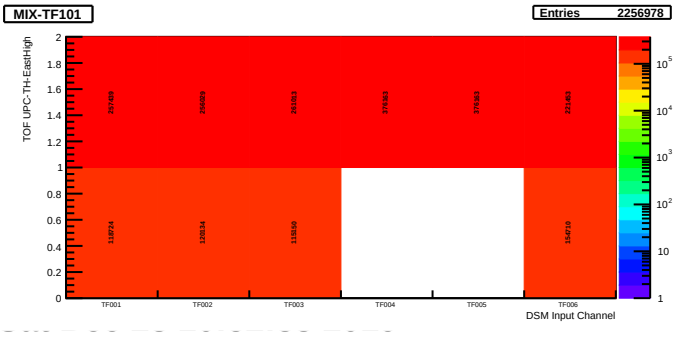

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

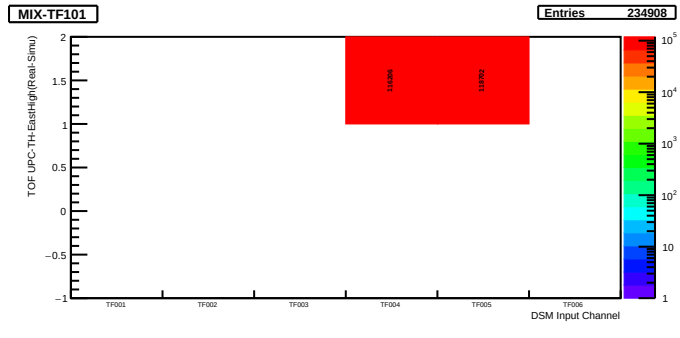

MIX-TF101
Entries 2256978
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

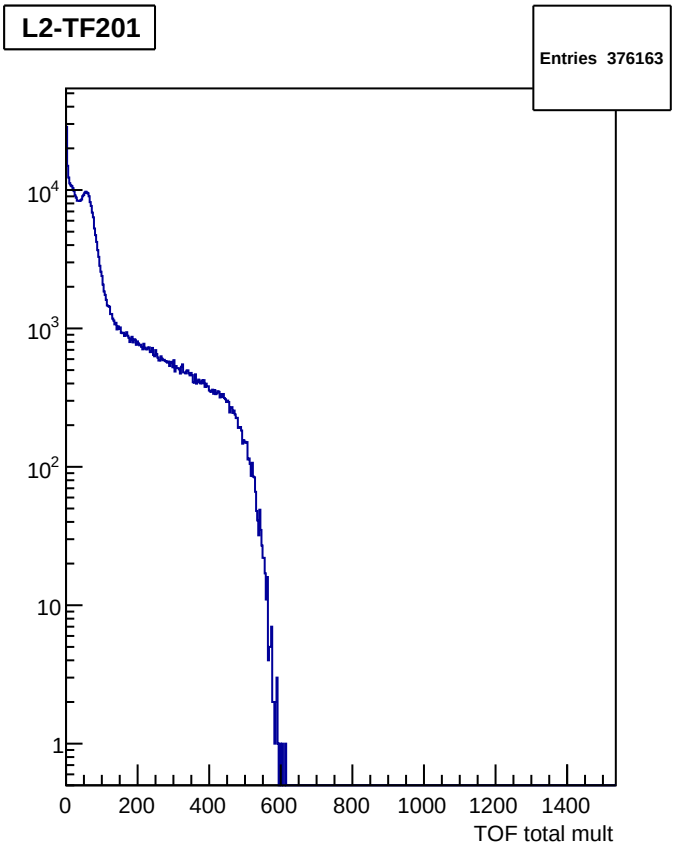

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

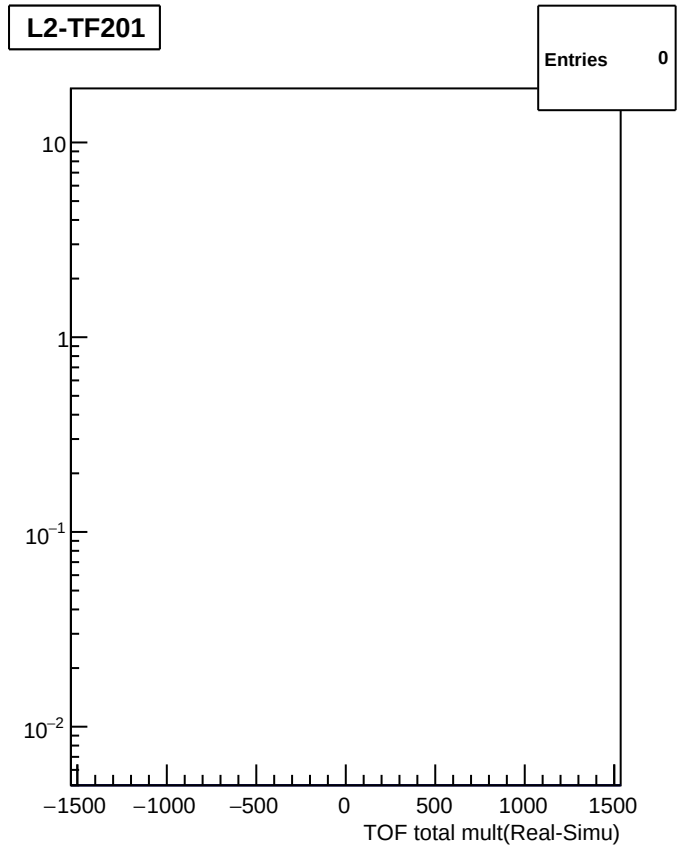

MIX-TF101
Entries 2256978
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

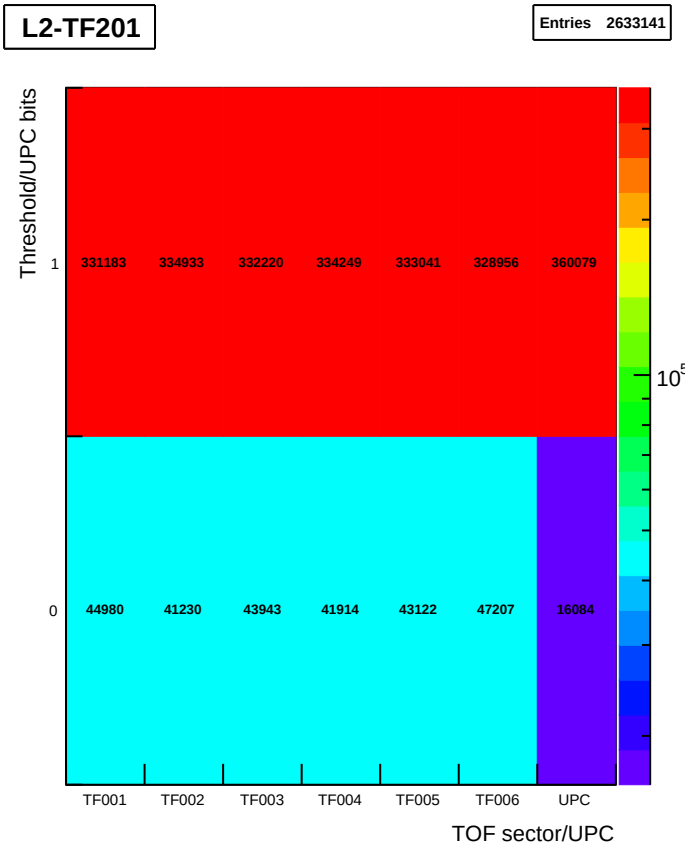

MIX-TF101
Entries 115691
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

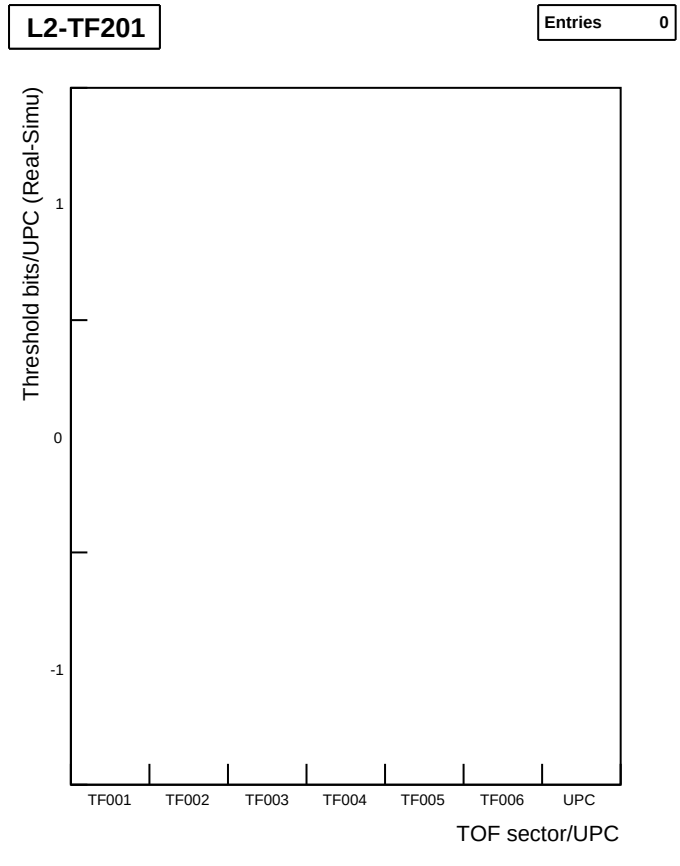

MIX-TF101
Entries 2256978
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

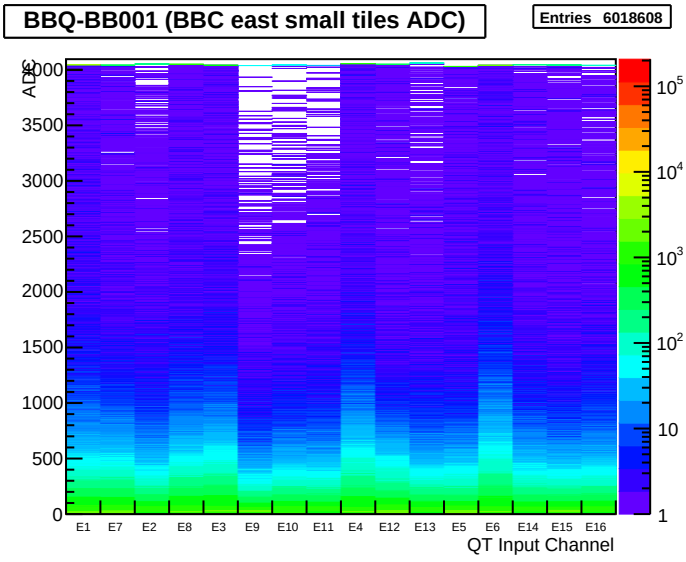

MIX-TF101
Entries 234908
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

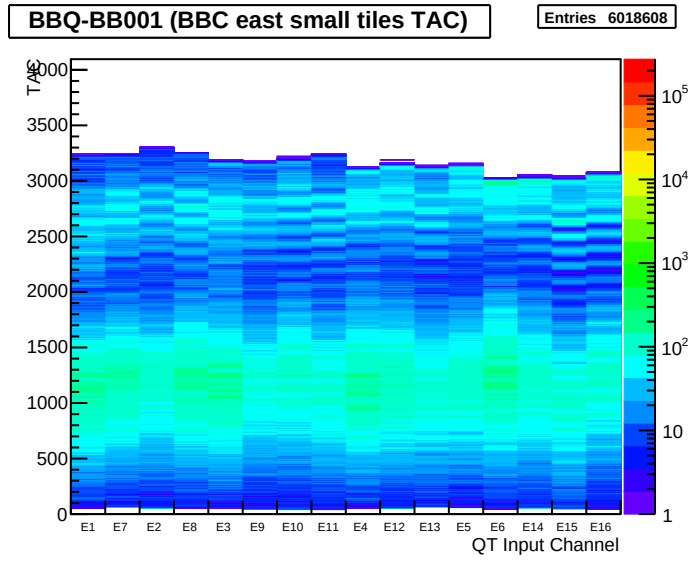

L2-TF201
Entries 376163
TOF total mult

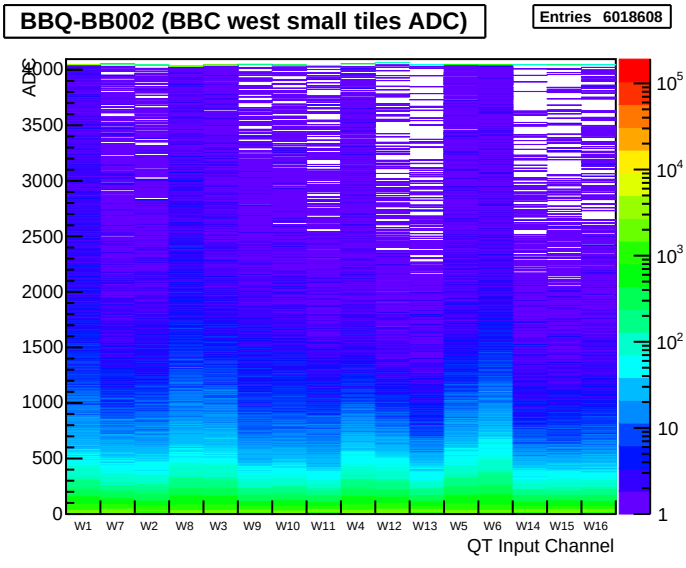

L2-TF201
Entries 0
TOF total mult(Real-Simu)

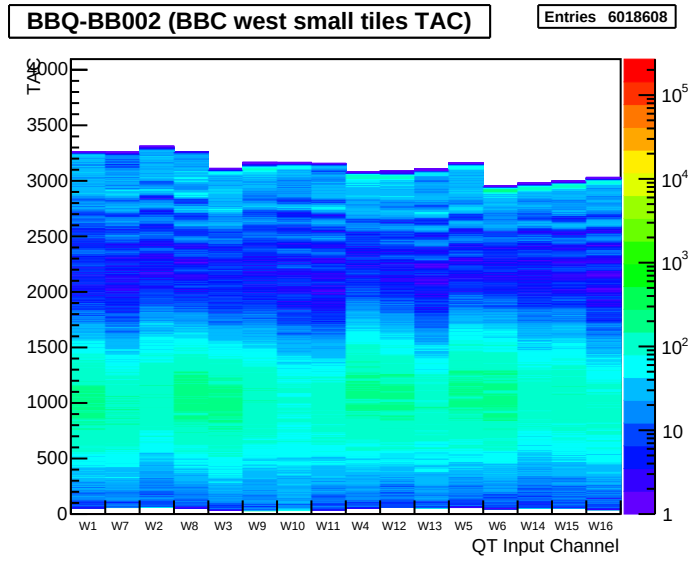

L2-TF201
Entries 2633141
Threshold/UPC bits
331183 334933 332220 334249 333041 328956 360079
44980 41230 43943 41914 43122 47207 16084
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

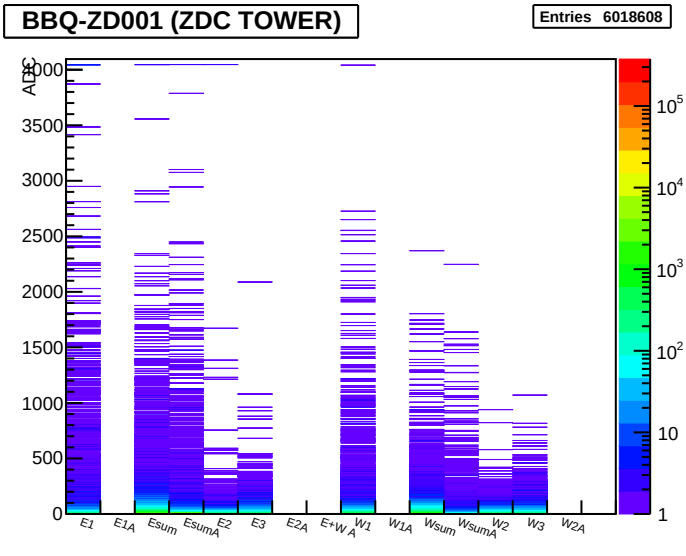

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

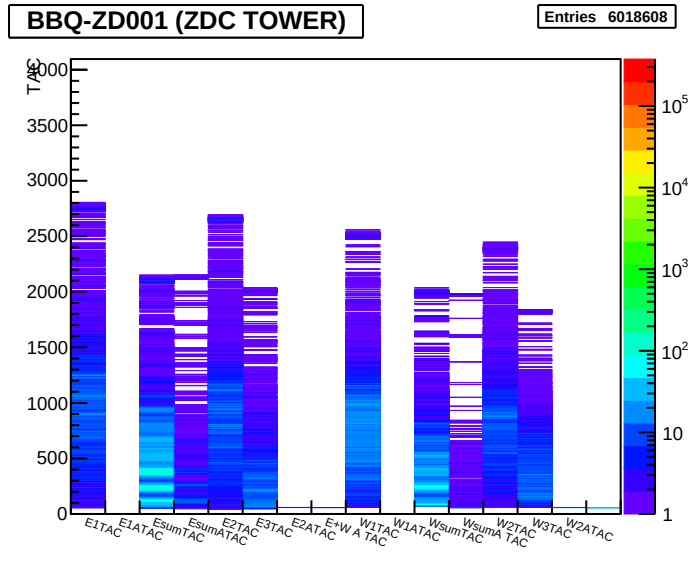

BBQ-BB001 (BBC east small tiles ADC)
Entries 6018608
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

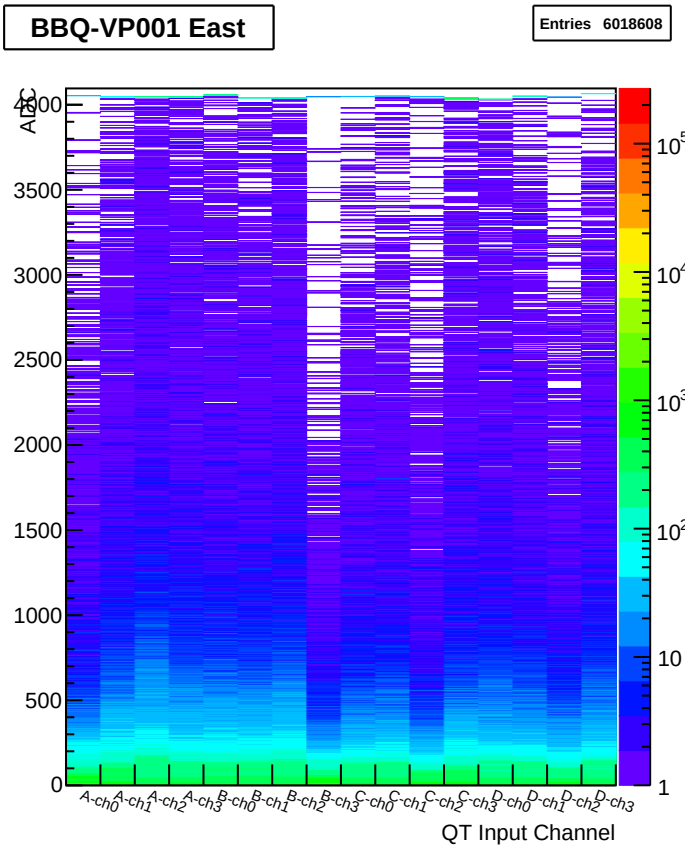

BBQ-BB001 (BBC east small tiles TAC)
Entries 6018608
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

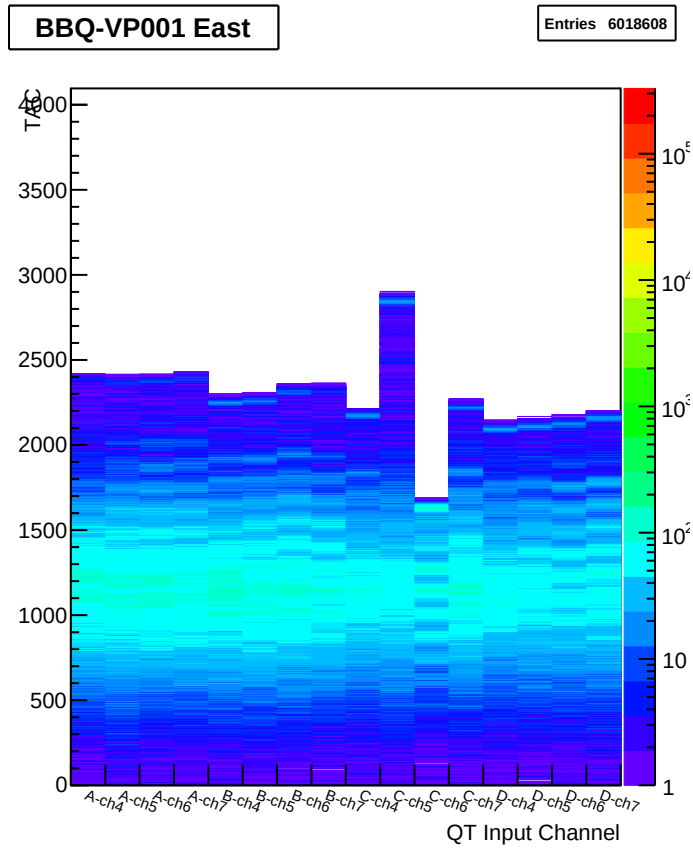

BBQ-BB002 (BBC west small tiles ADC)
Entries 6018608
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

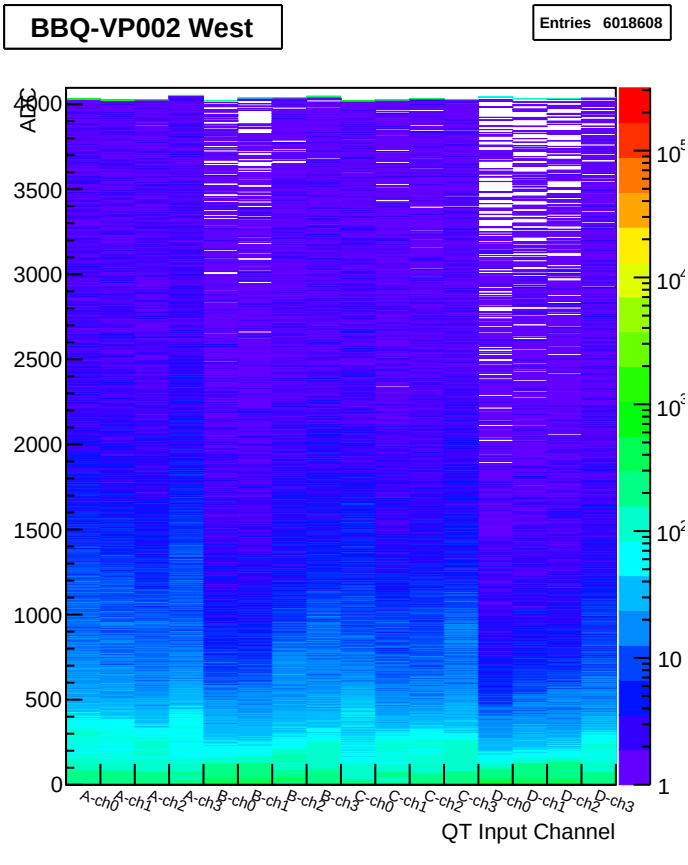

BBQ-BB002 (BBC west small tiles TAC)
Entries 6018608
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

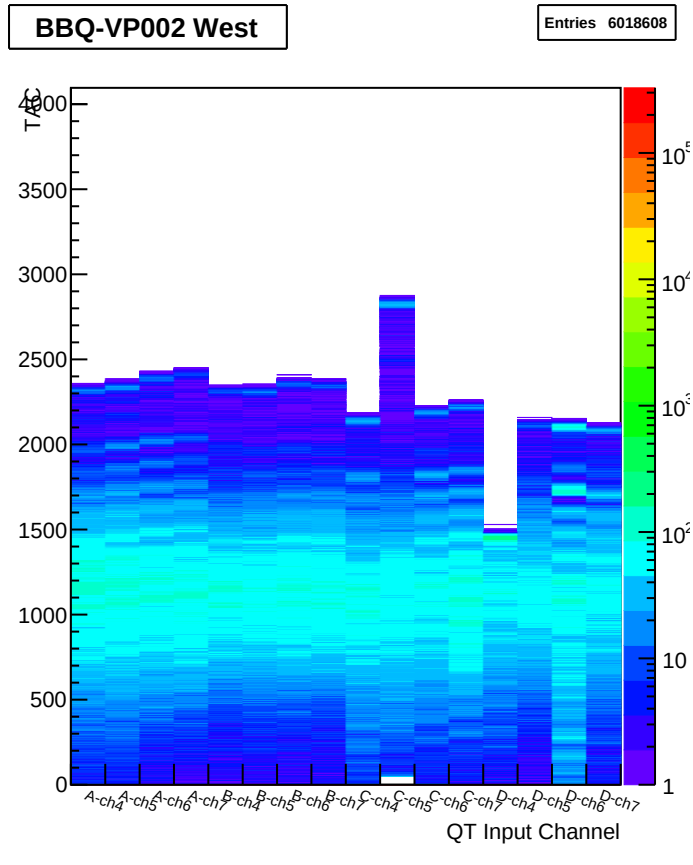

BBQ-ZD001 (ZDC TOWER)
Entries 6018608
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

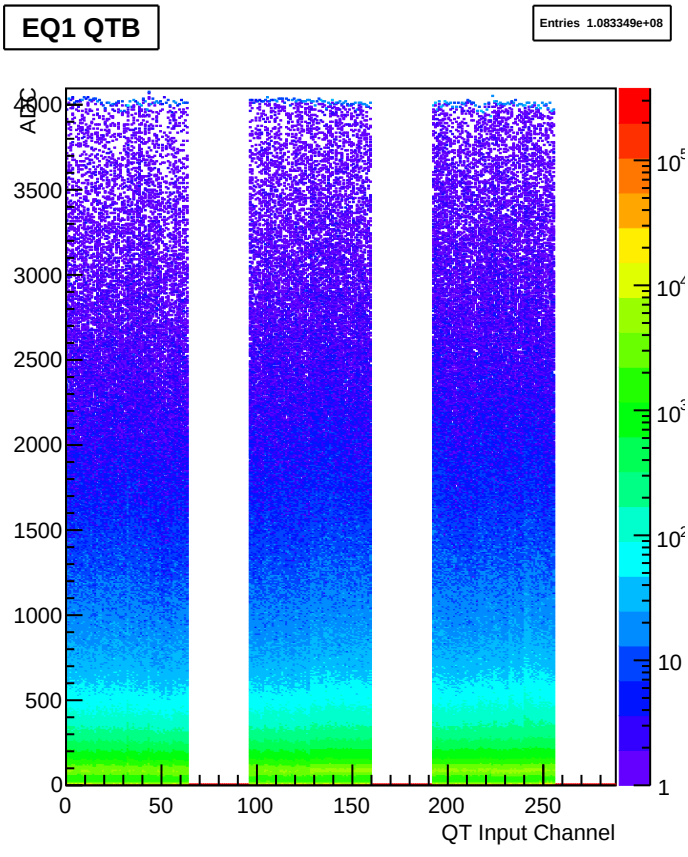

BBQ-ZD001 (ZDC TOWER)
Entries 6018608
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

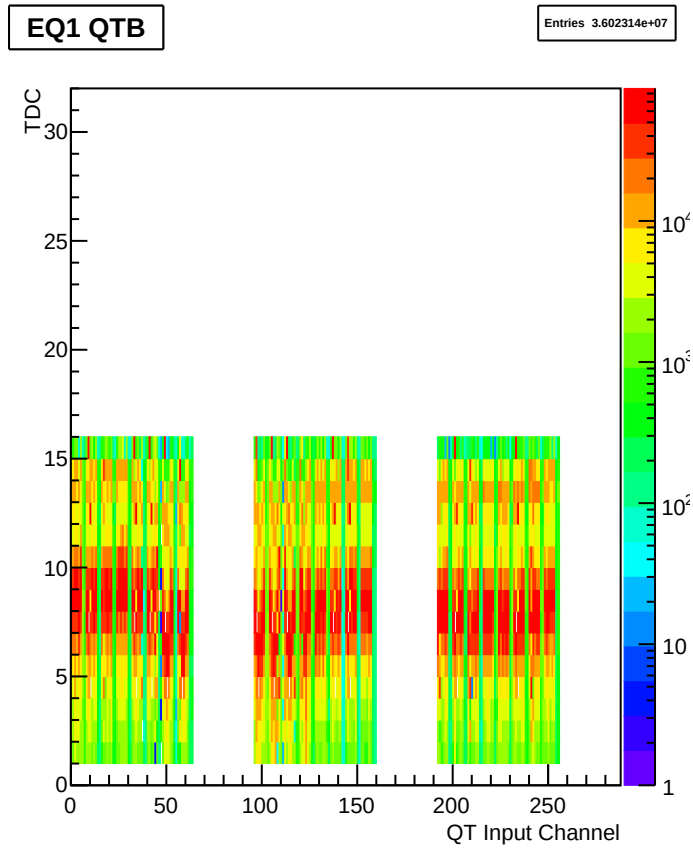

BBQ-VP001 East
Entries 6018608
ADC
QT Input Channel

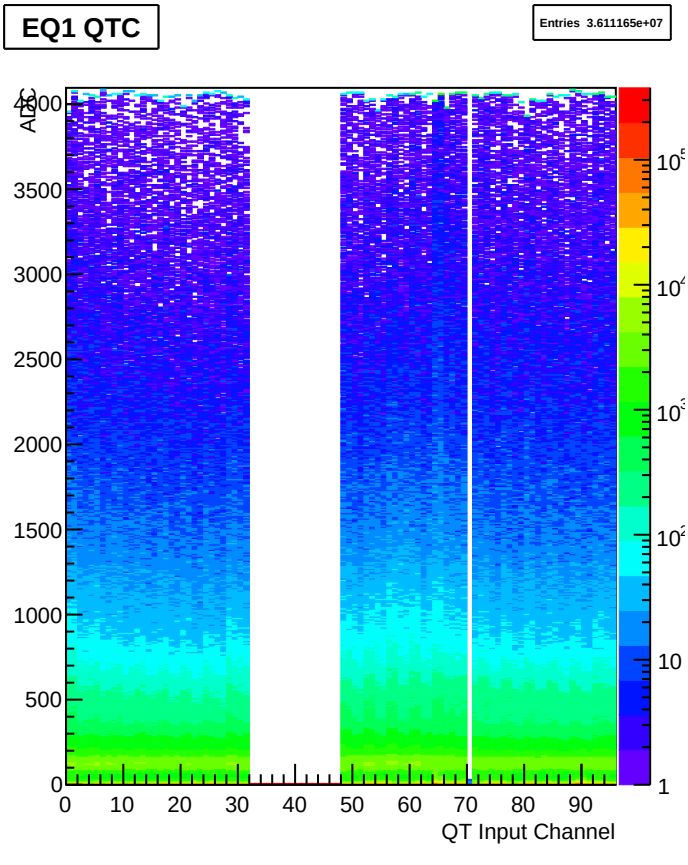

BBQ-VP001 East
Entries 6018608
TADC
QT Input Channel

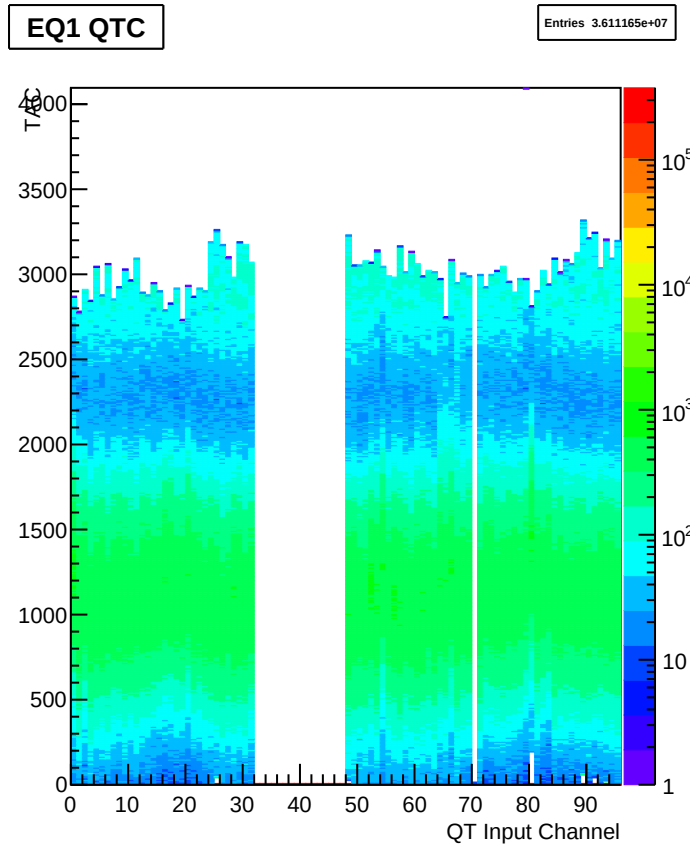

BBQ-VP002 West
Entries 6018608
ADC
QT Input Channel

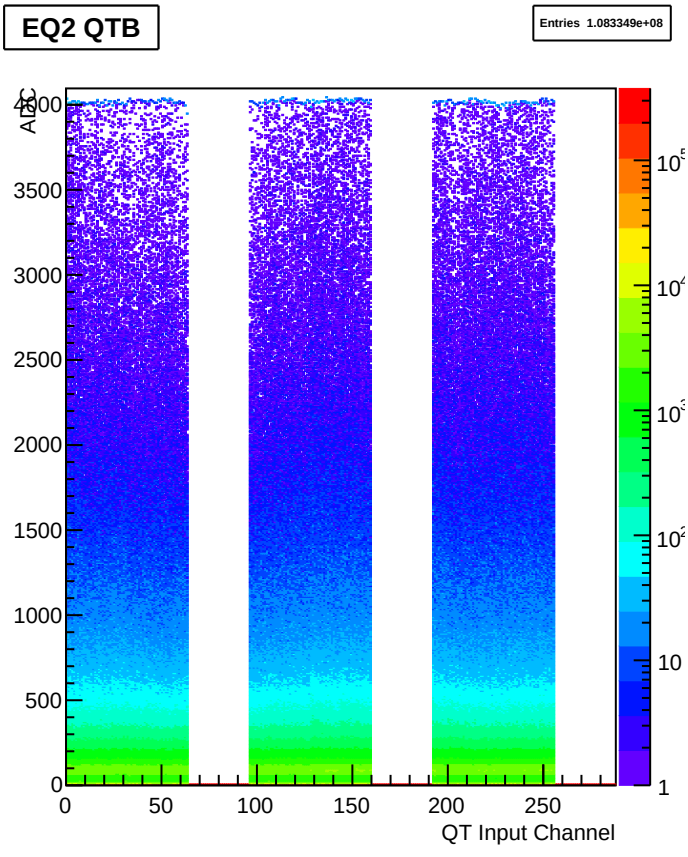

BBQ-VP002 West
Entries 6018608
TADC
QT Input Channel

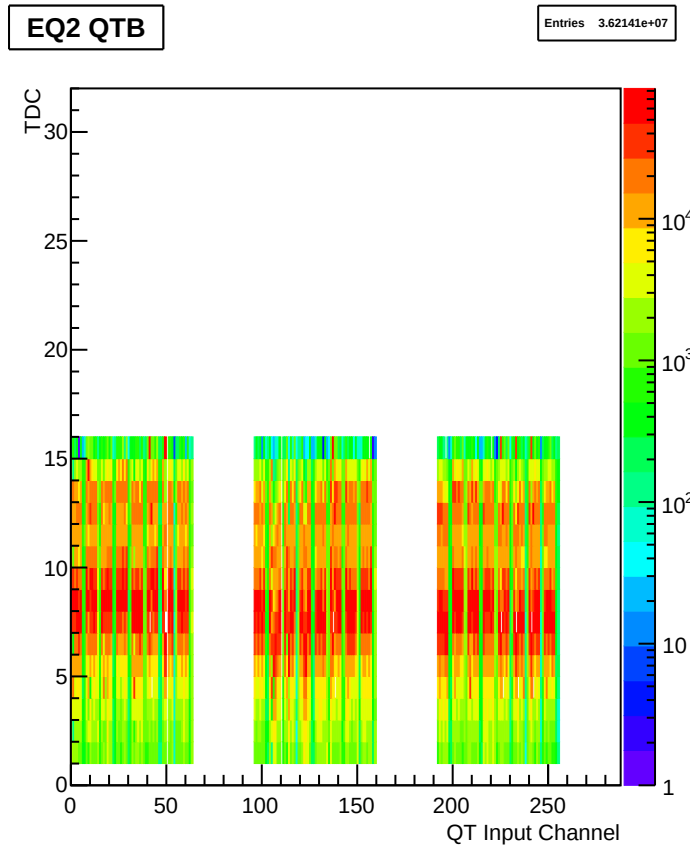

EQ1 QTB
Entries 1.083349e+08
ADC
QT Input Channel

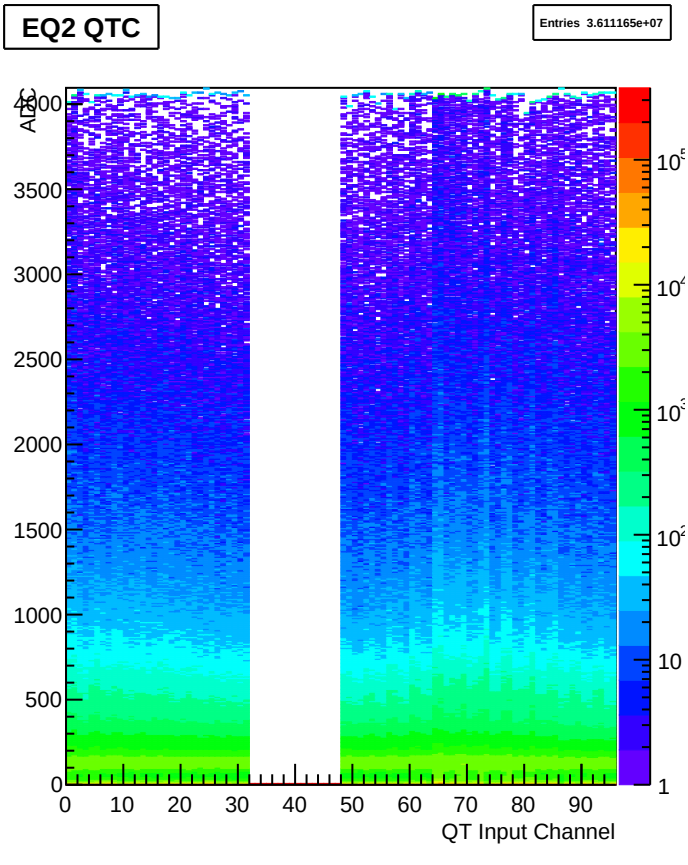

EQ1 QTB
Entries 3.602314e+07
TDC
QT Input Channel

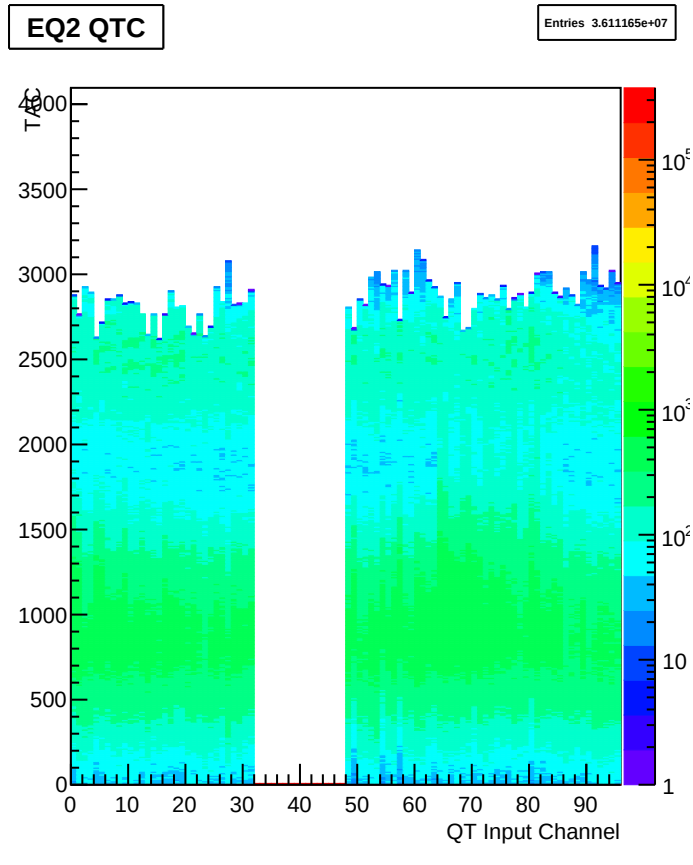

EQ1 QTC
Entries 3.611165e+07
ADC
QT Input Channel

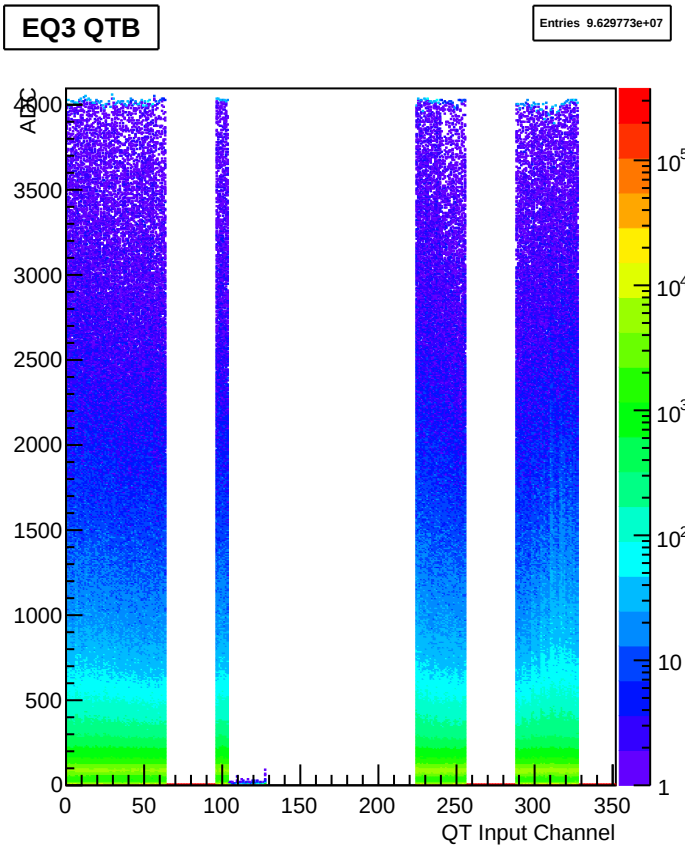

EQ1 QTC
Entries 3.611165e+07
TADC
QT Input Channel

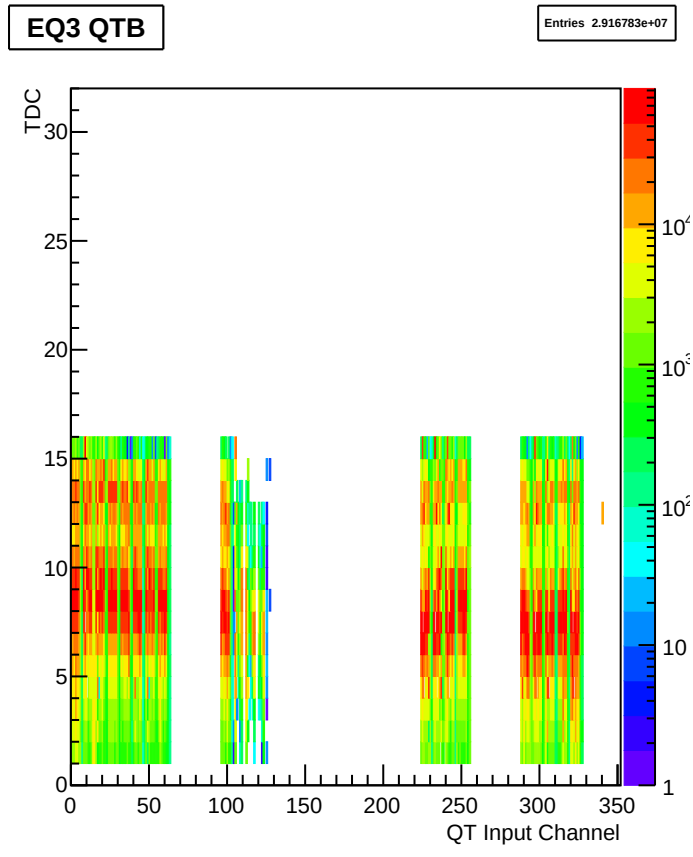

EQ2 QTB
Entries 1.083349e+08
ADC
QT Input Channel

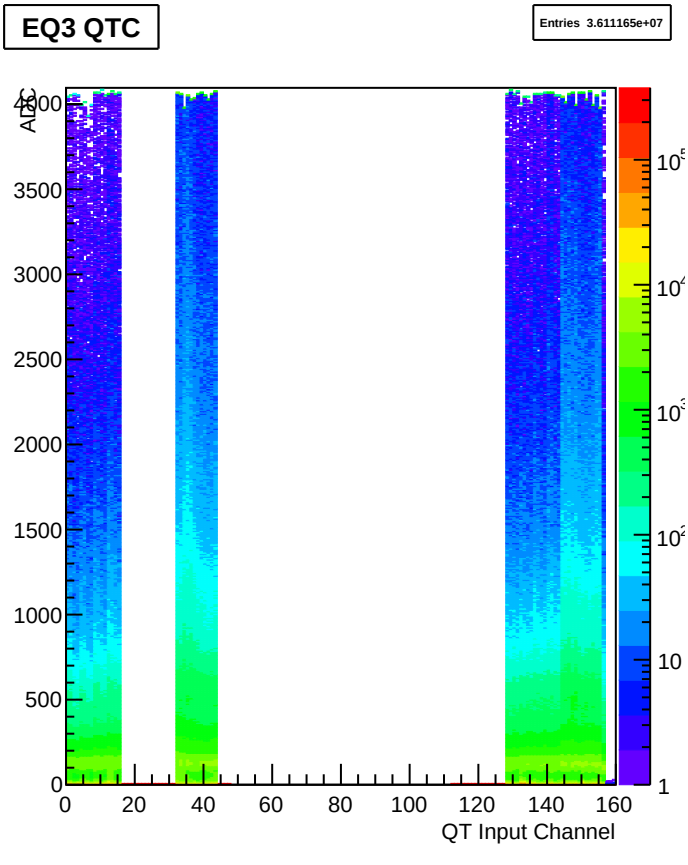

EQ2 QTB
Entries 3.62141e+07
TDC
QT Input Channel

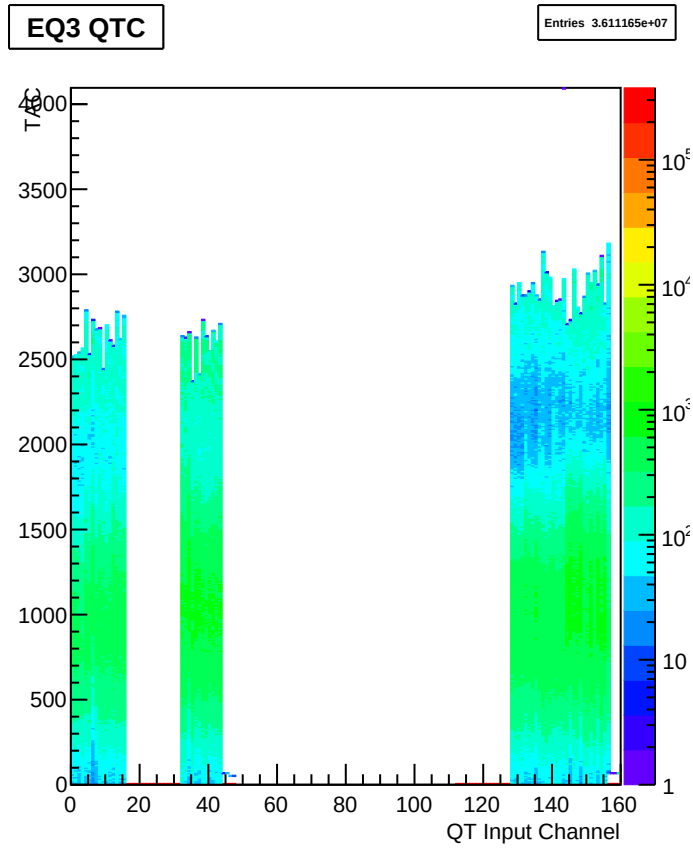

EQ2 QTC
Entries 3.611165e+07
ADC
QT Input Channel

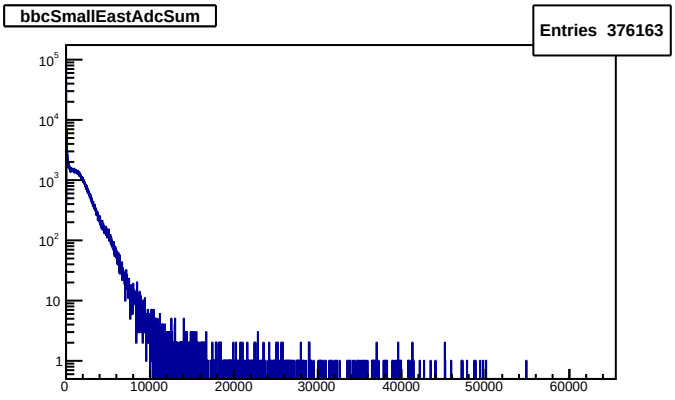

EQ2 QTC
Entries 3.611165e+07
TADC
QT Input Channel

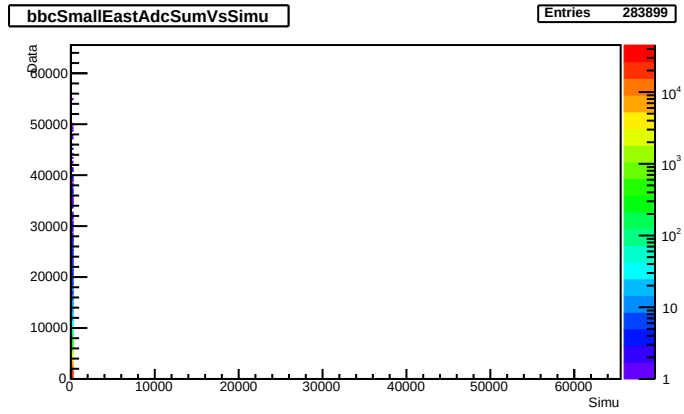

EQ3 QTB
Entries 9.629773e+07
ADC
QT Input Channel

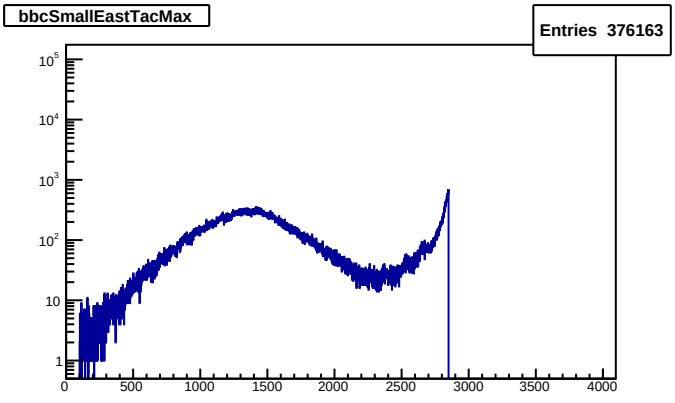

EQ3 QTB
Entries 2.916783e+07
TDC
QT Input Channel

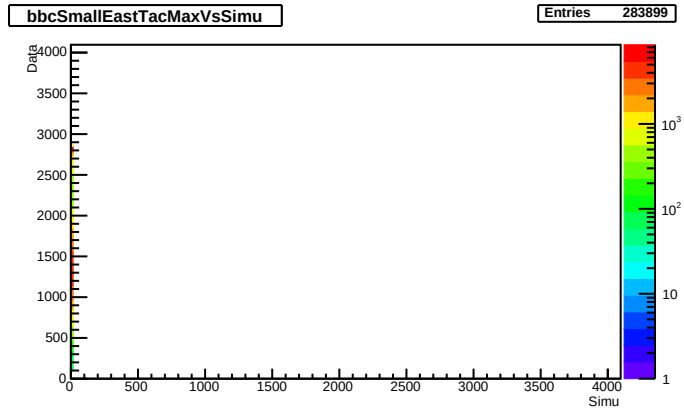

EQ3 QTC
Entries 3.611165e+07
ADC
QT Input Channel

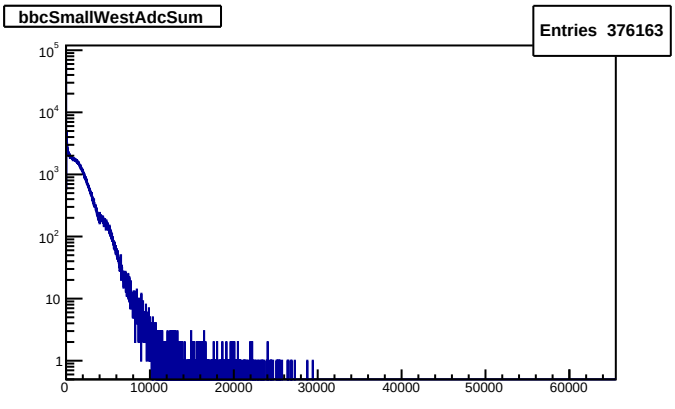

EQ3 QTC
Entries 3.611165e+07
TADC
QT Input Channel

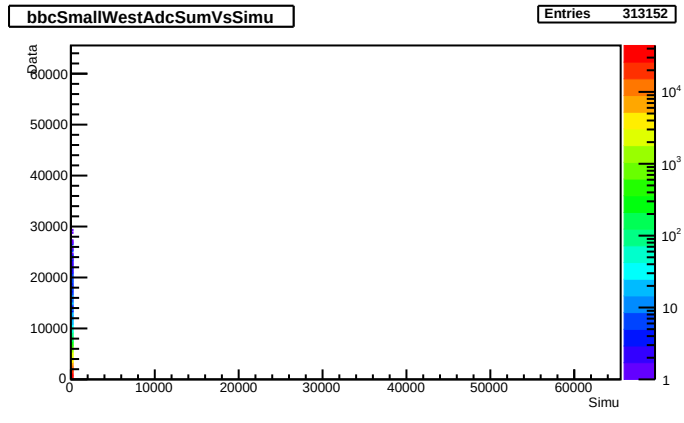

bbcSmallEastAdcSum
Entries 376163


bbcSmallEastAdcSumVsSimu
Entries 283899
Data
Simu


bbcSmallEastTacMax
Entries 376163


bbcSmallEastTacMaxVsSimu
Entries 283899
Data
Simu


bbcSmallWestAdcSum
Entries 376163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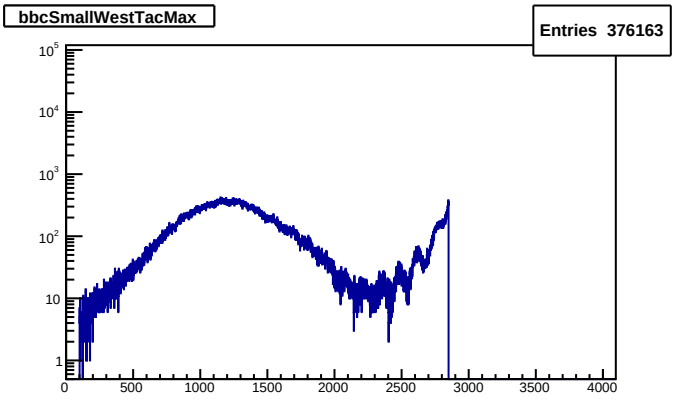
Entries 313152
Data
Simu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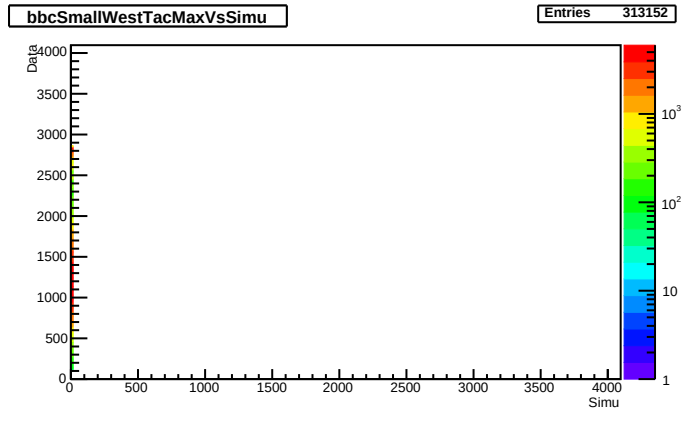
Entries 376163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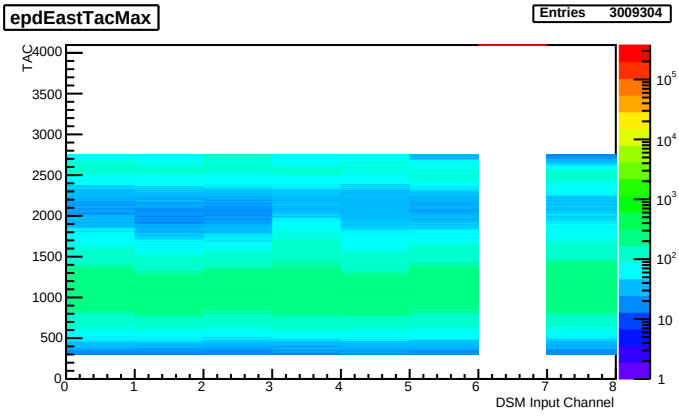
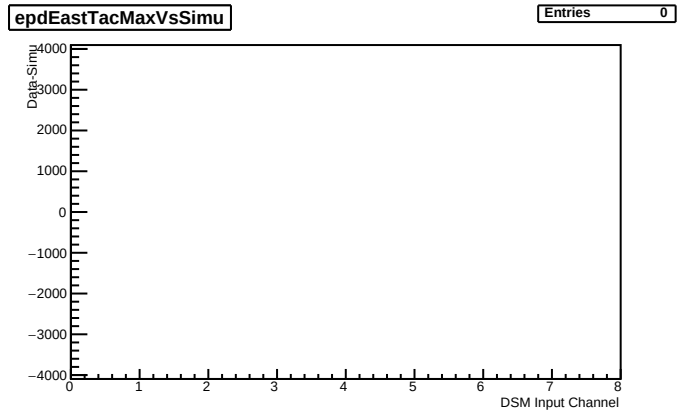
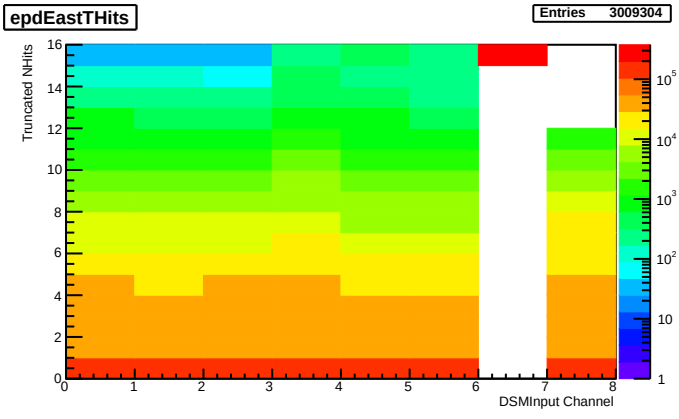
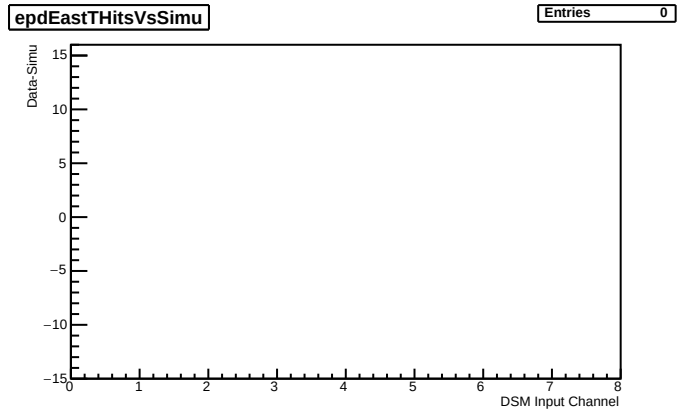
Entries 313152
Data
Simu


epdEastTacMax
Entries 3009304
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3009304
Truncated NHits
DSMInput Channel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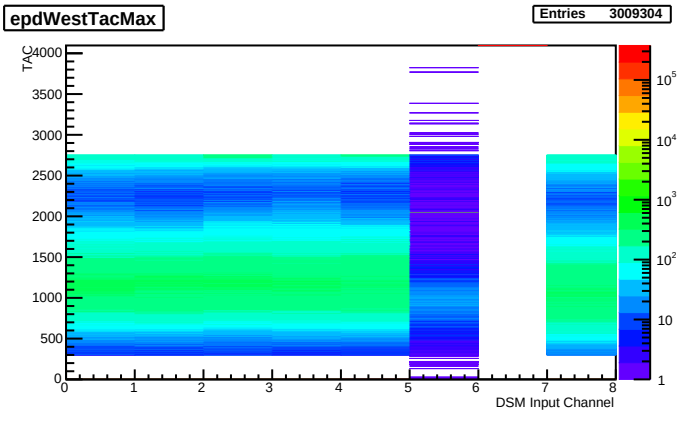
Data-Simu
DSM Input Channel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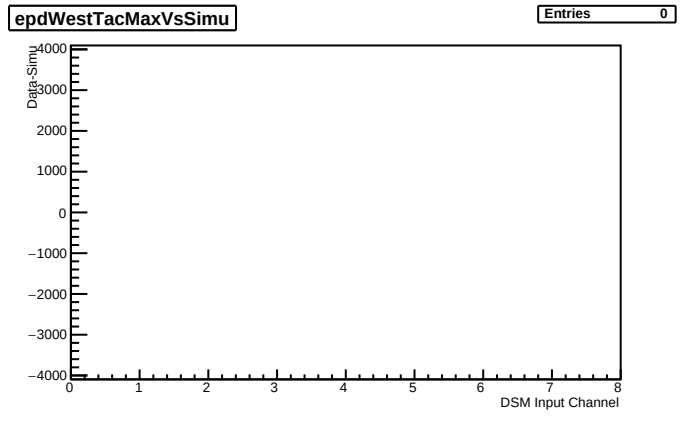
Entries 3009304
TAC
DSM Input Channel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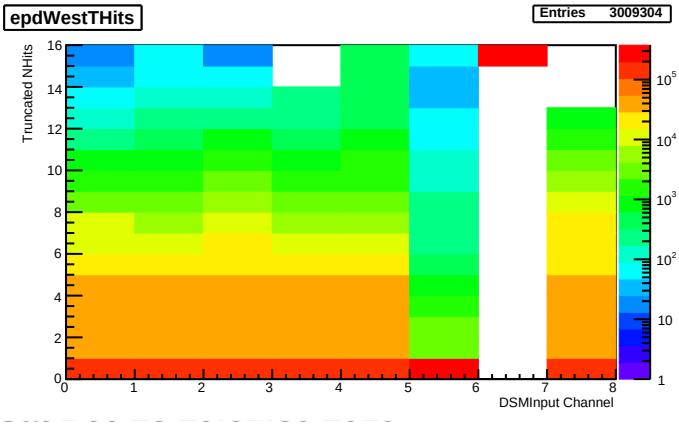
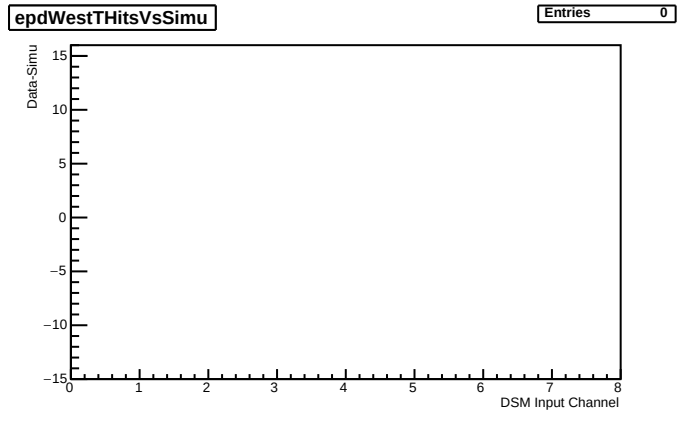
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3009304
Truncated NHits
DSMInput Channel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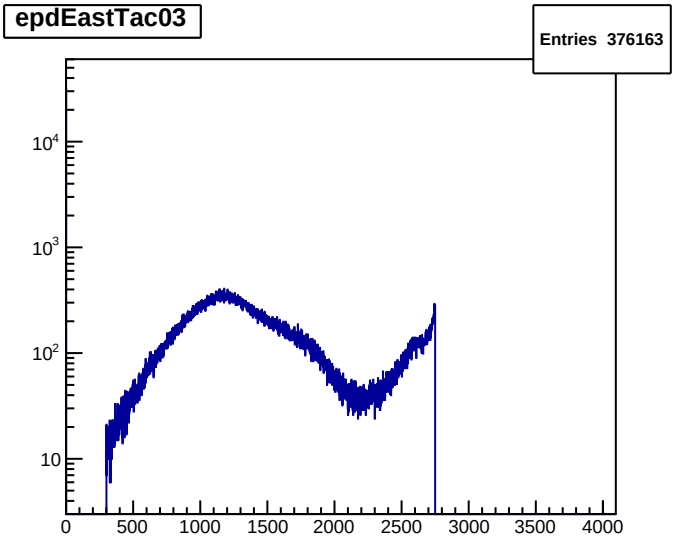
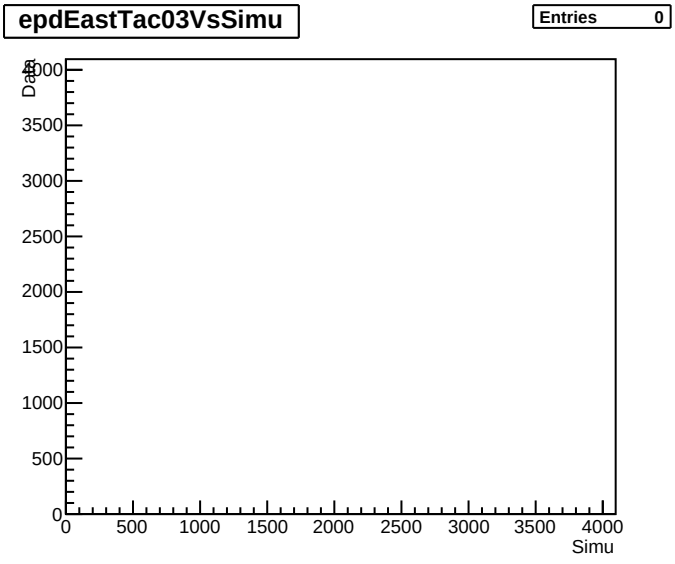
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 376163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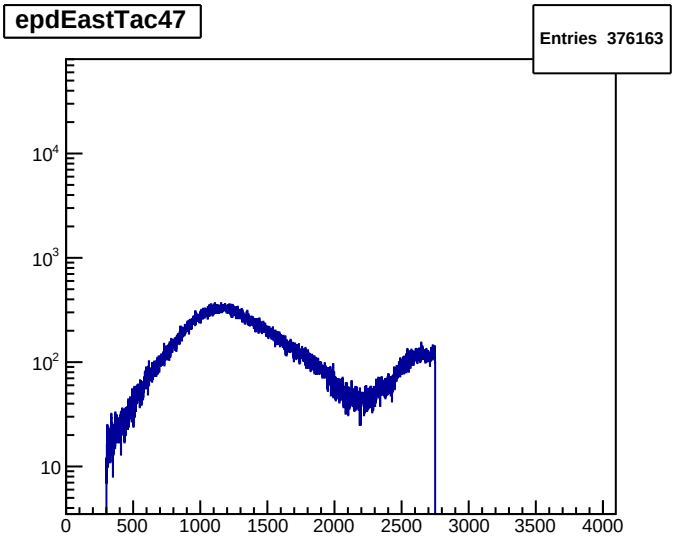
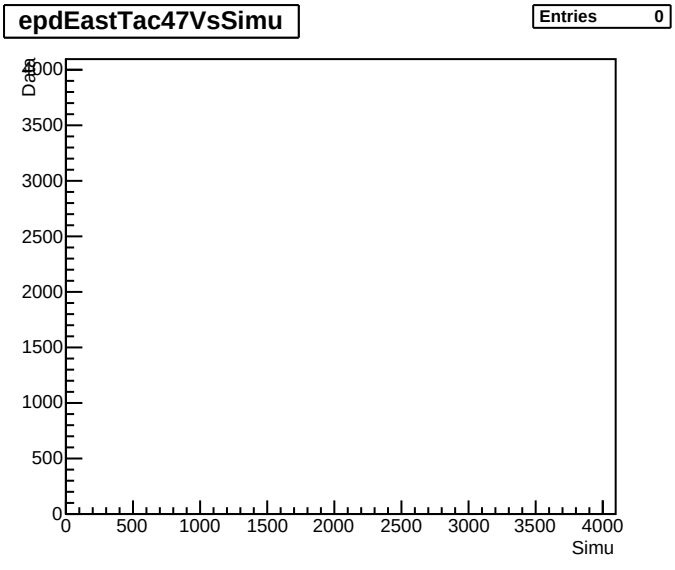
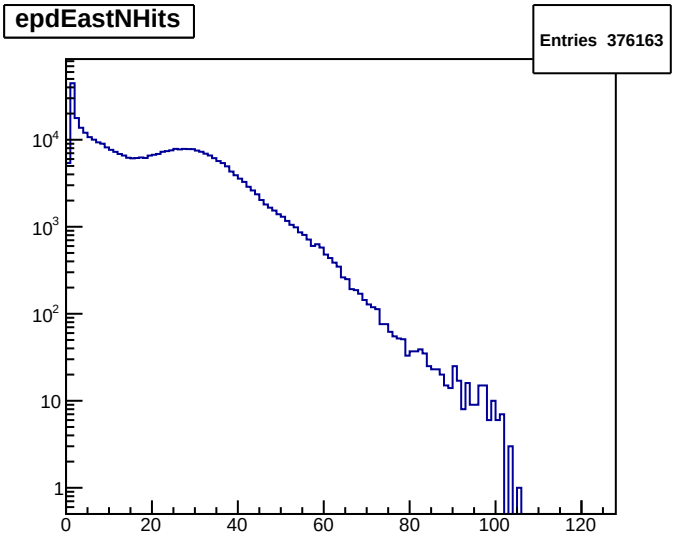
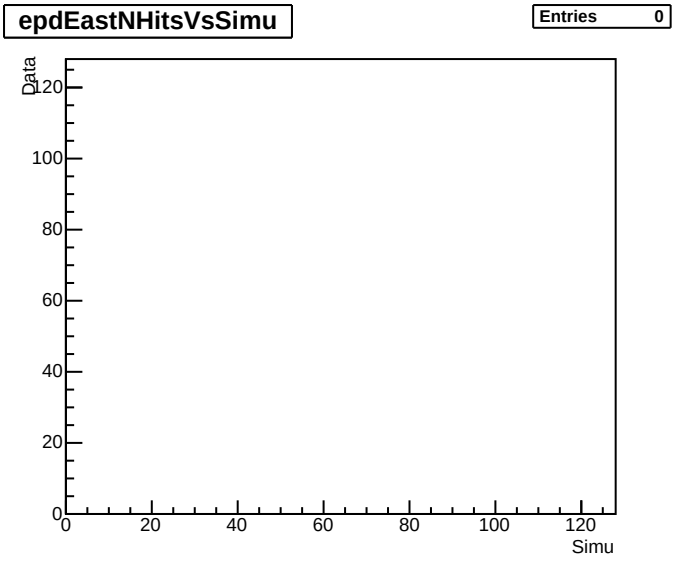
Entries 0
Data
Simu


epdEastTac47
Entries 376163


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 376163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Entries 0
Data
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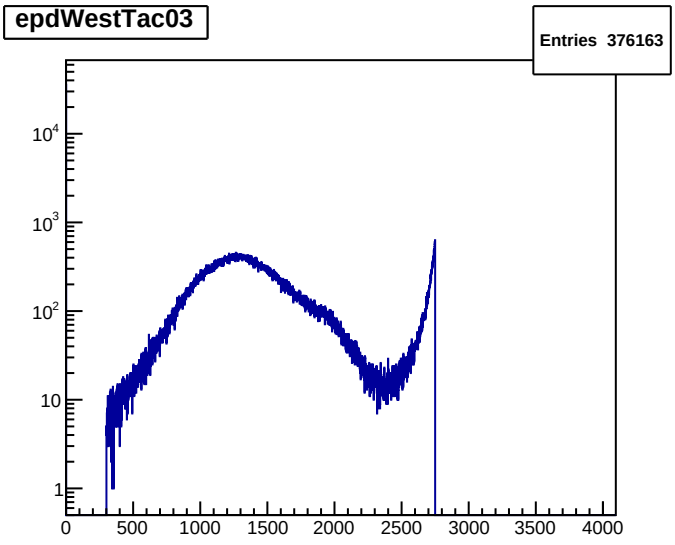
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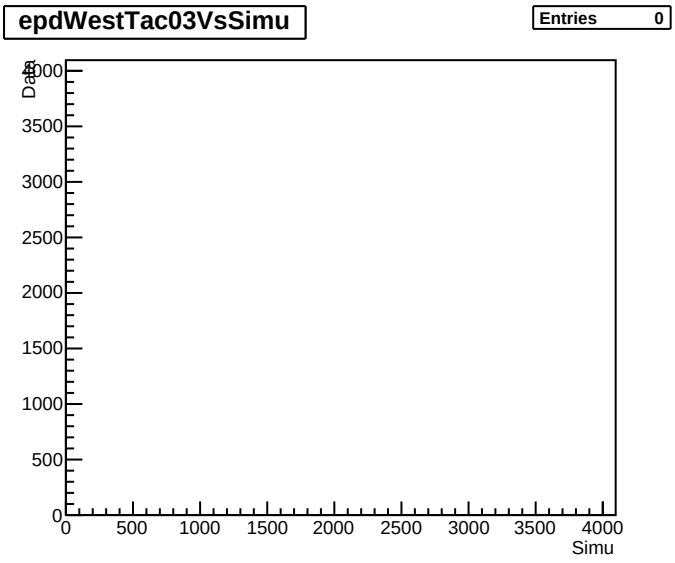
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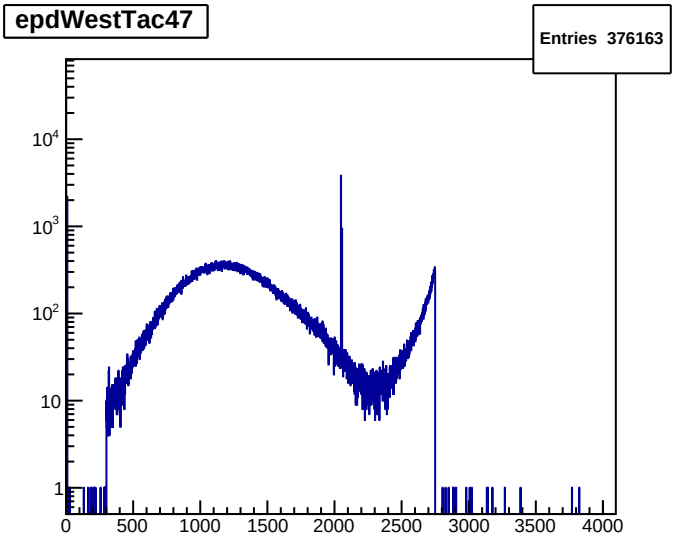
Entries 0
Data
Simu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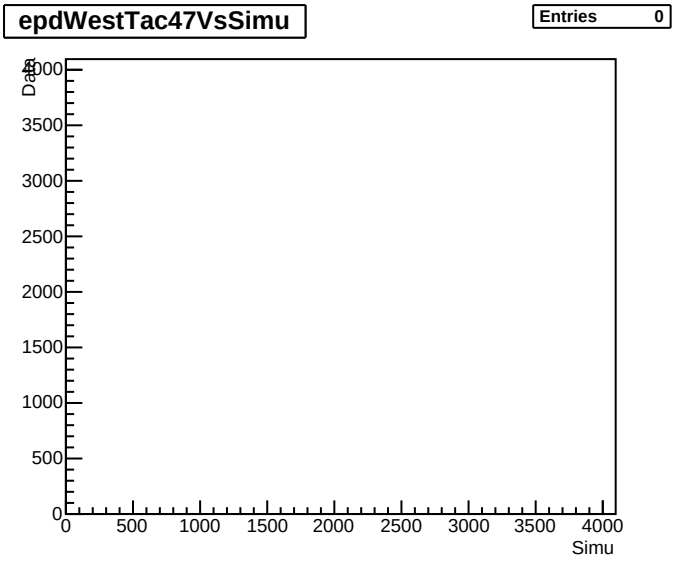
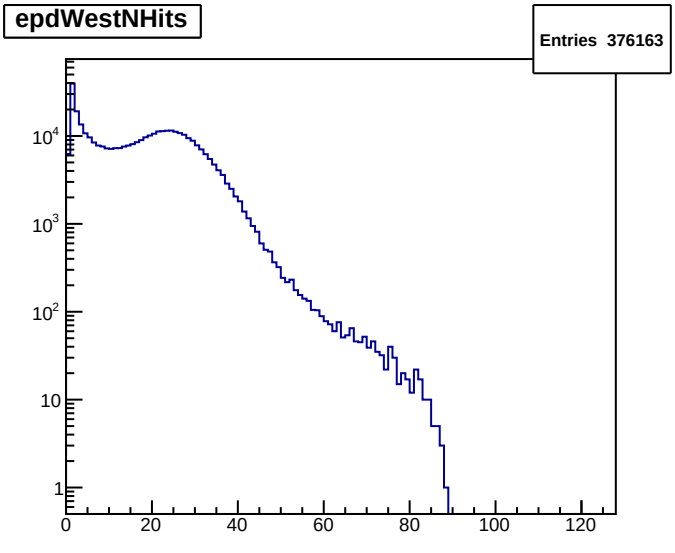
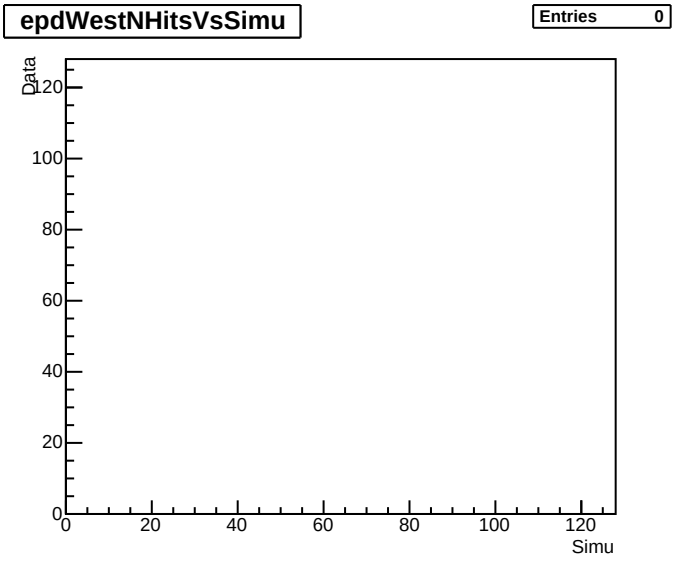
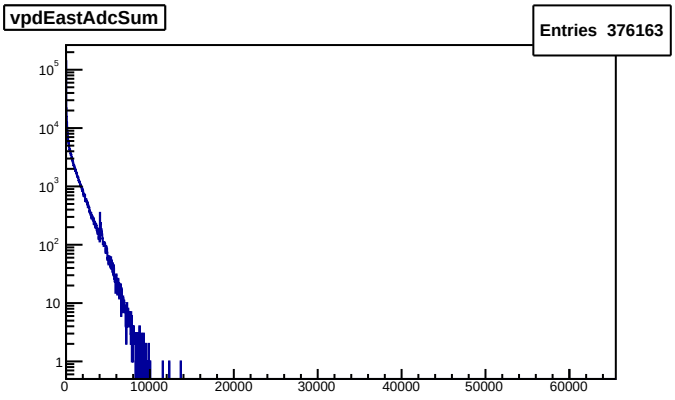
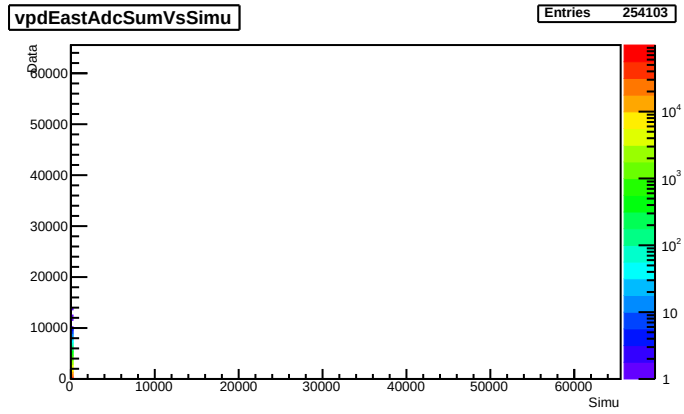
Entries 376163

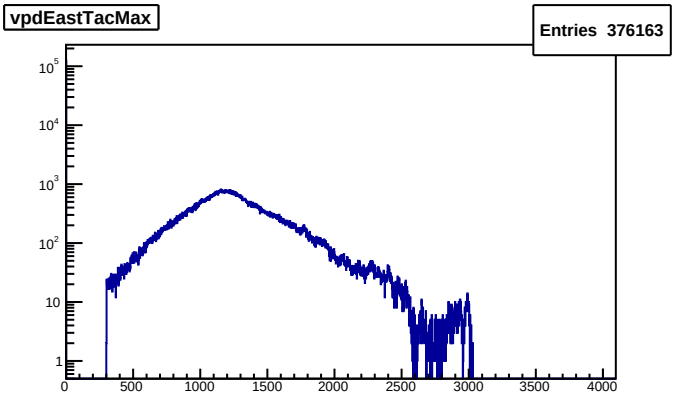

epdWestTac47VsSimu
Entries 0
Data
Simu

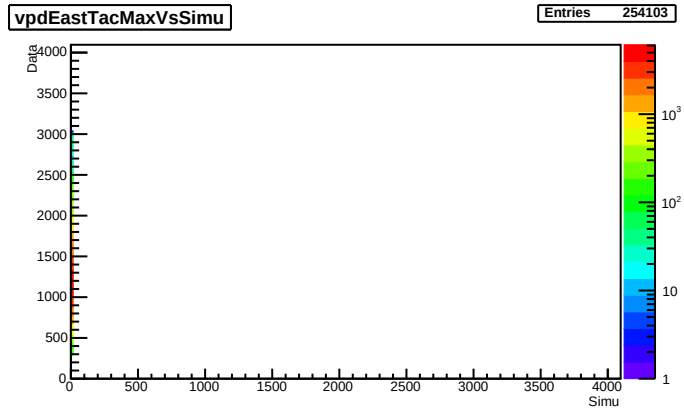

epdWestNHits
Entries 376163

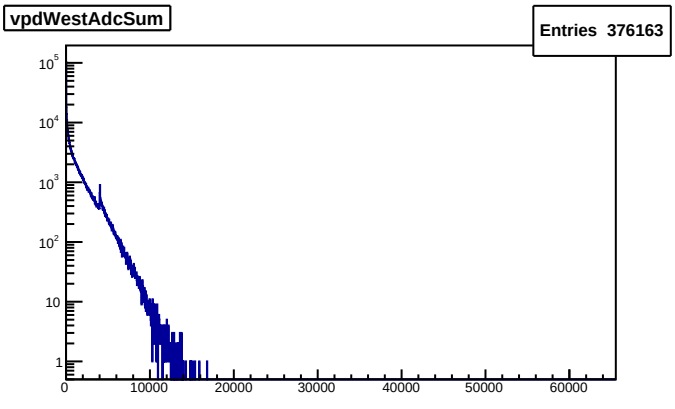

epdWestNHitsVsSimu
Entries 0
Data
Simu

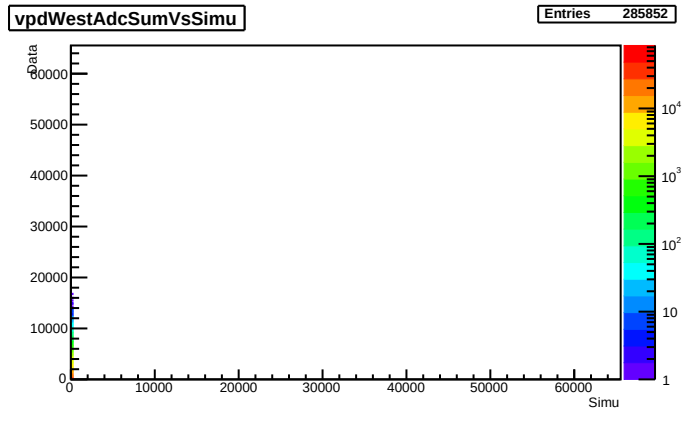

vpdEastAdcSum
Entries 376163

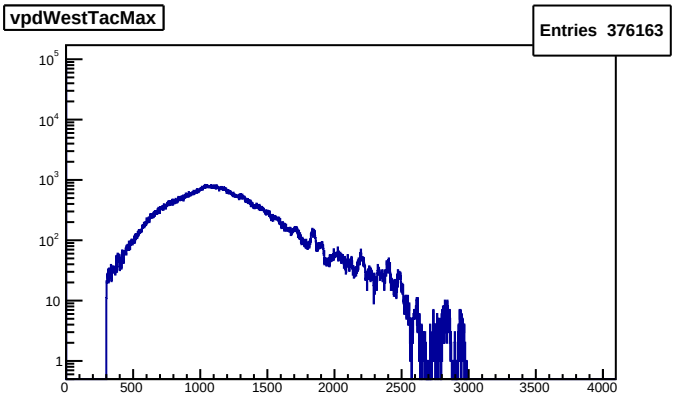

vpdEastAdcSumVsSimu
Entries 254103
Data
Simu

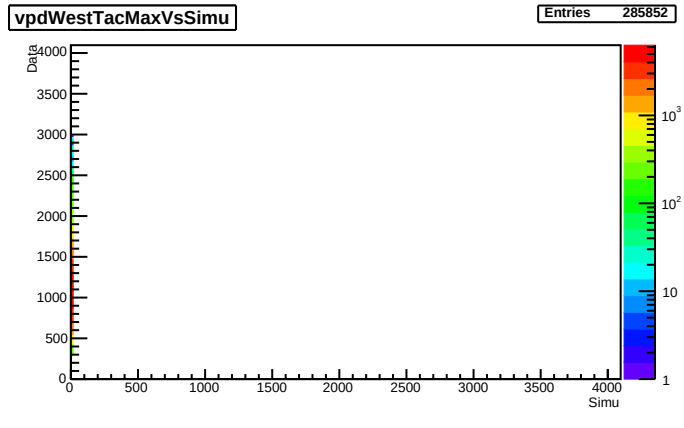

vpdEastTacMax
Entries 376163

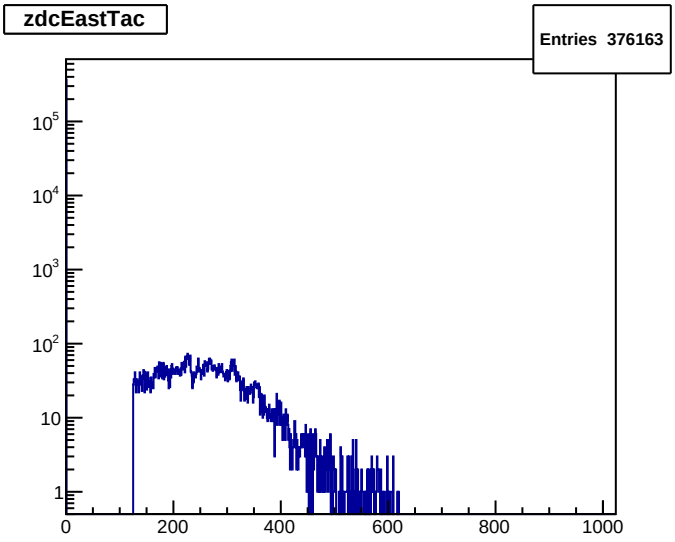

vpdEastTacMaxVsSimu
Entries 254103
Data
Simu

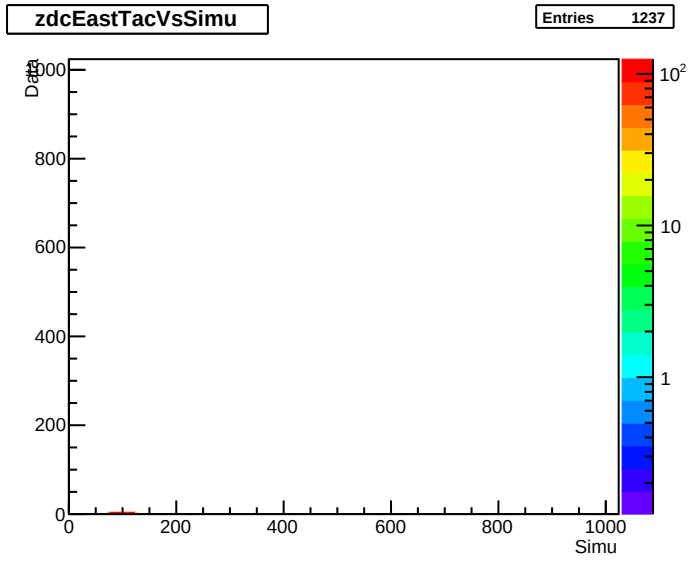

vpdWestAdcSum
Entries 376163

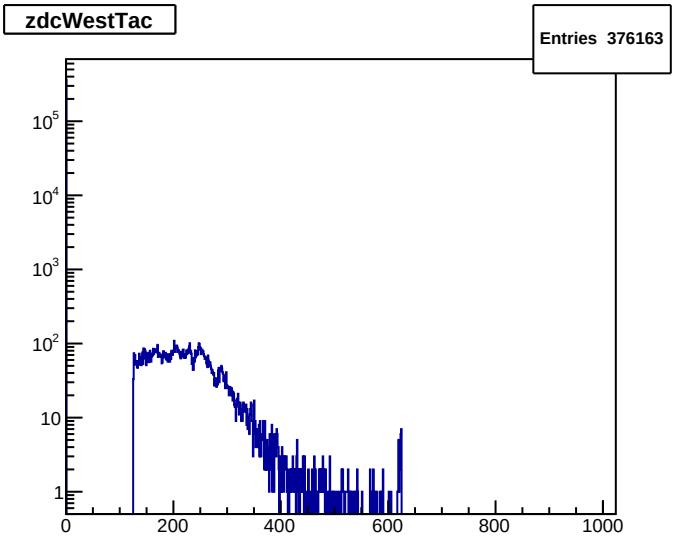

vpdWestAdcSumVsSimu
Entries 285852
Data
Simu

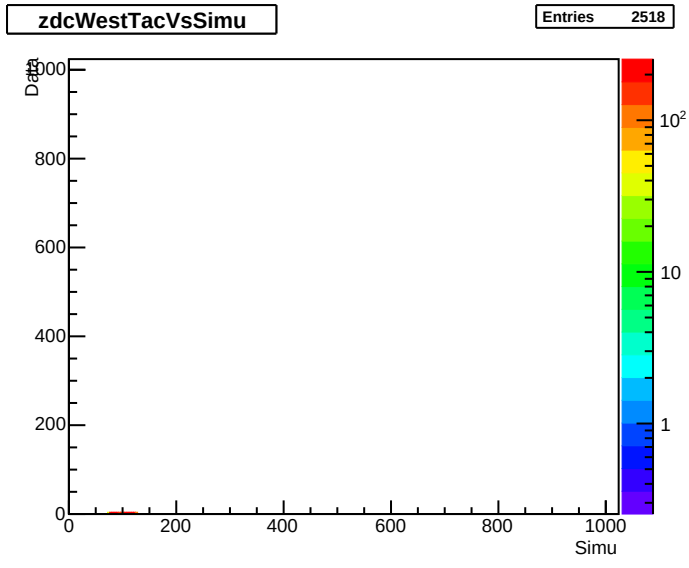

vpdWestTacMax
Entries 376163

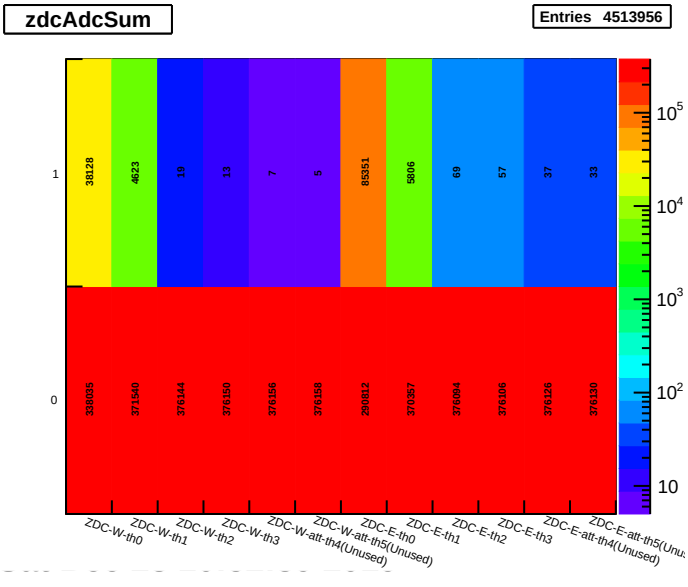

vpdWestTacMaxVsSimu
Entries 285852
Data
Simu

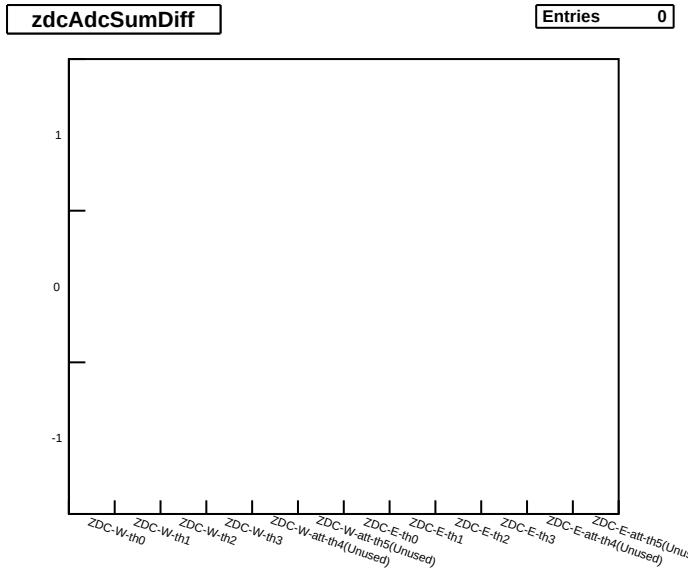

zdcEastTac
Entries 376163

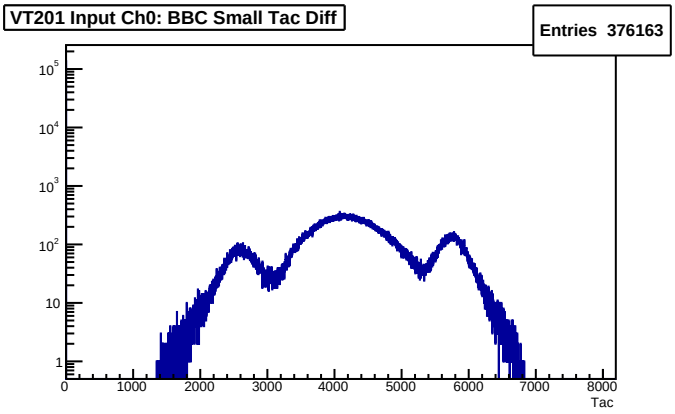

zdcEastTacVsSimu
Entries 1237
Data
Simu

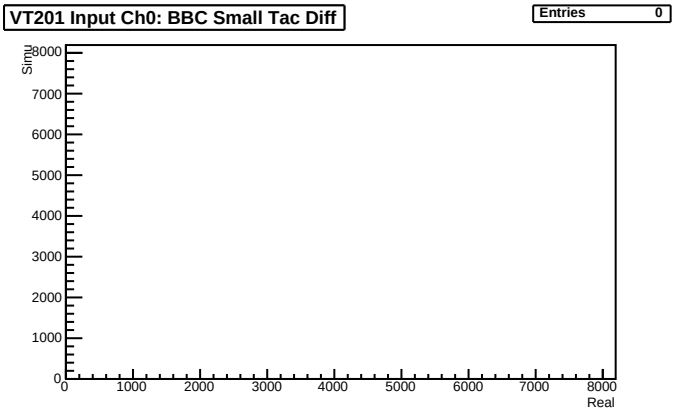

zdcWestTac
Entries 376163

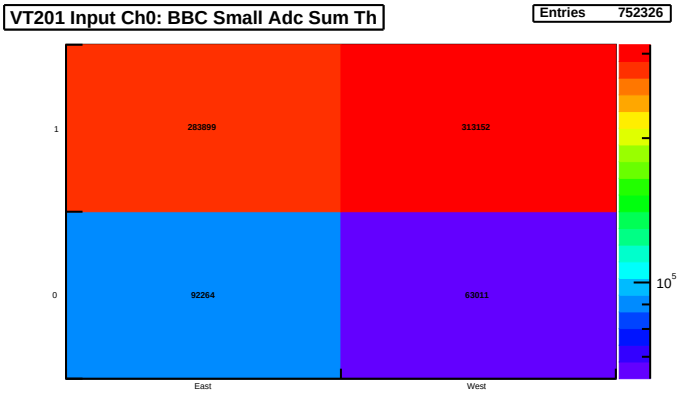

zdcWestTacVsSimu
Entries 2518
Data
Simu

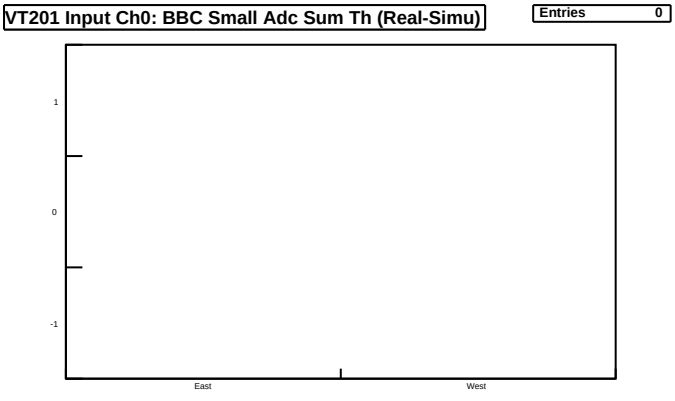

zdcAdcSum
Entries 4513956
38128
4623
19
13
7
5
85351
5806
69
57
37
33
338035
371540
376144
376150
376156
376158
290812
370357
376094
376106
376126
376130
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

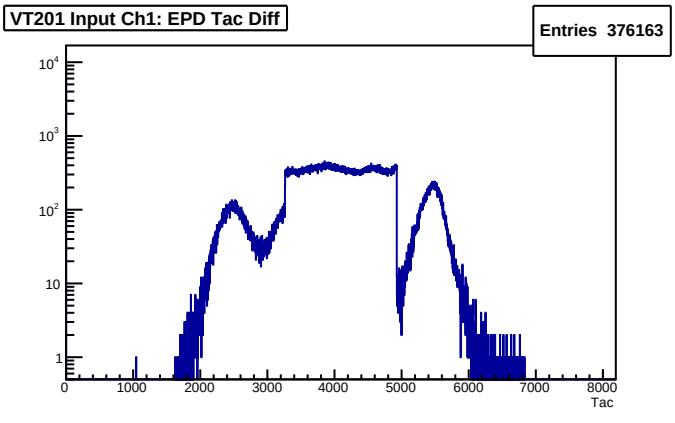

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

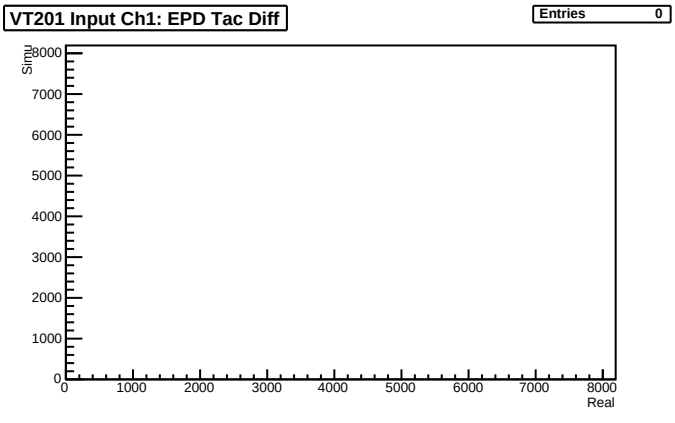

VT201 Input Ch0: BBC Small Tac Diff
Entries 376163
Tac

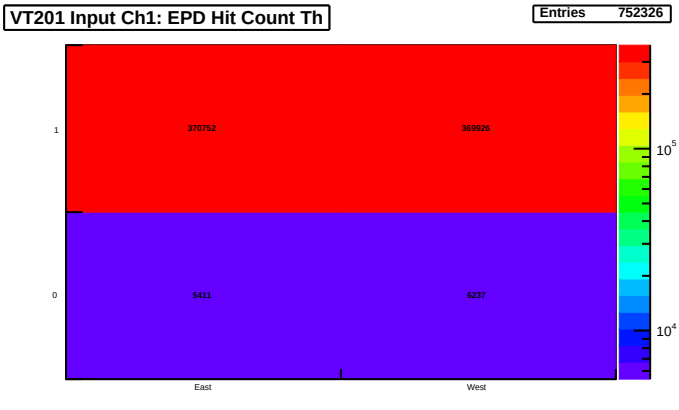

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

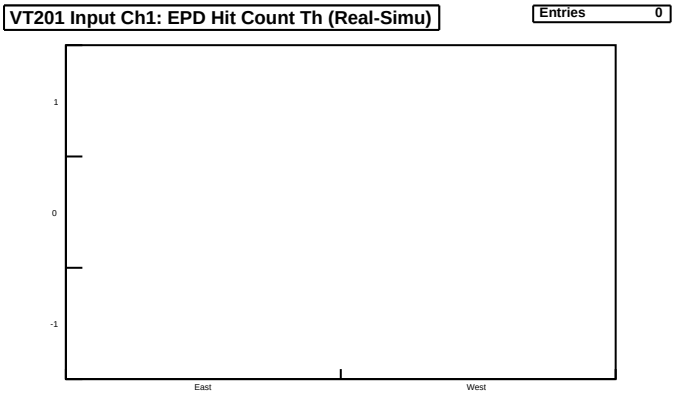

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 752326
283899
313152
92264
63011
East
West

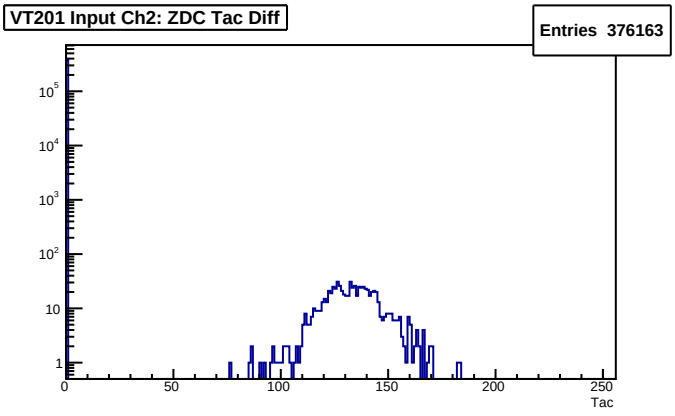

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

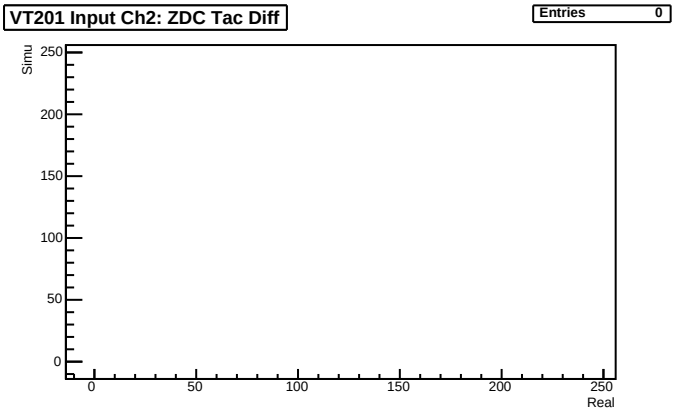

VT201 Input Ch1: EPD Tac Diff
Entries 376163
Tac

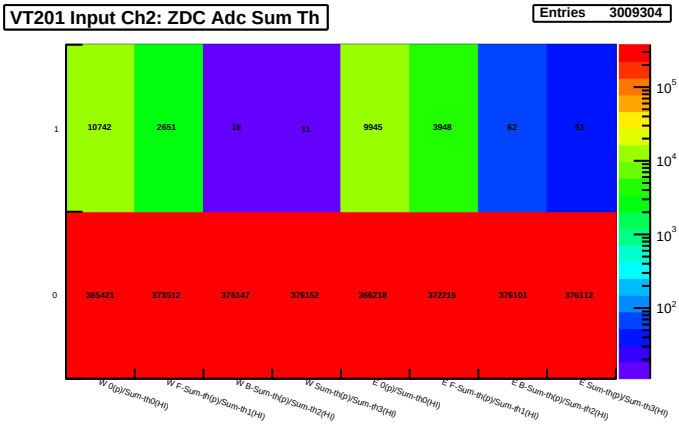

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

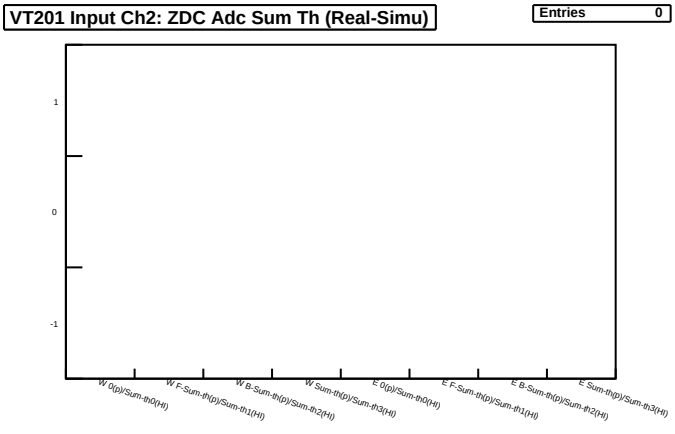

VT201 Input Ch1: EPD Hit Count Th
Entries 752326
370752
369926
5411
6237
East
West

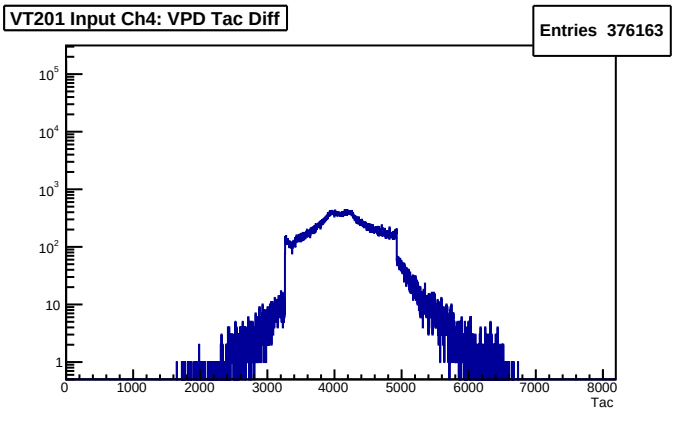

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

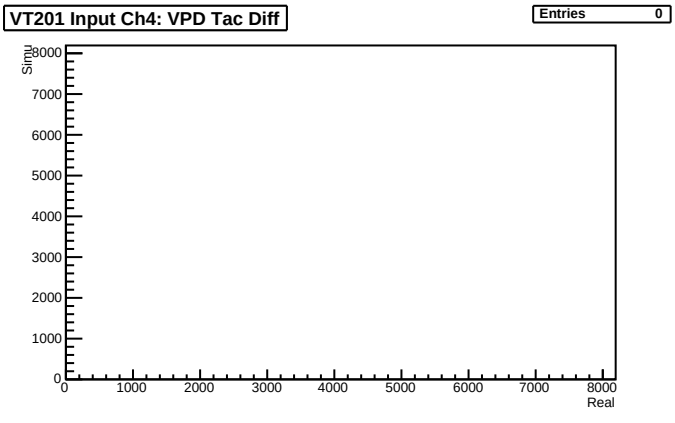

VT201 Input Ch2: ZDC Tac Diff
Entries 376163
Tac

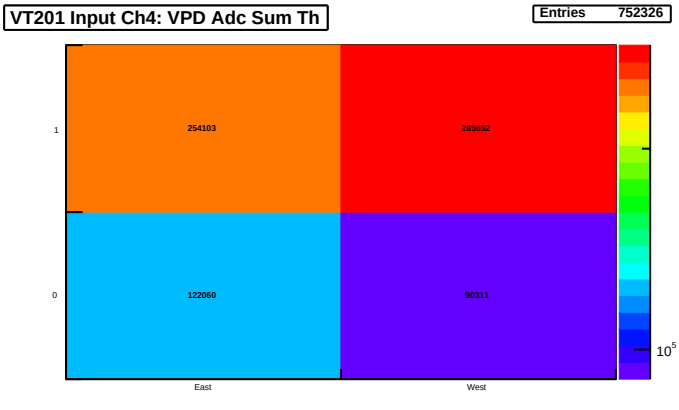

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

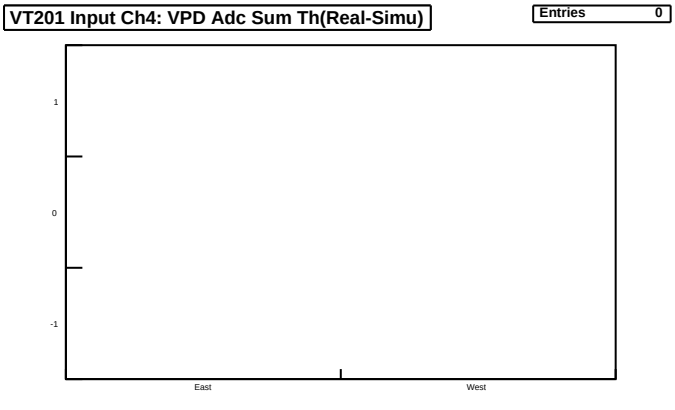

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3009304
10742
2651
16
11
9945
3948
62
51
365421
373512
376147
376152
366218
372215
376101
376112
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

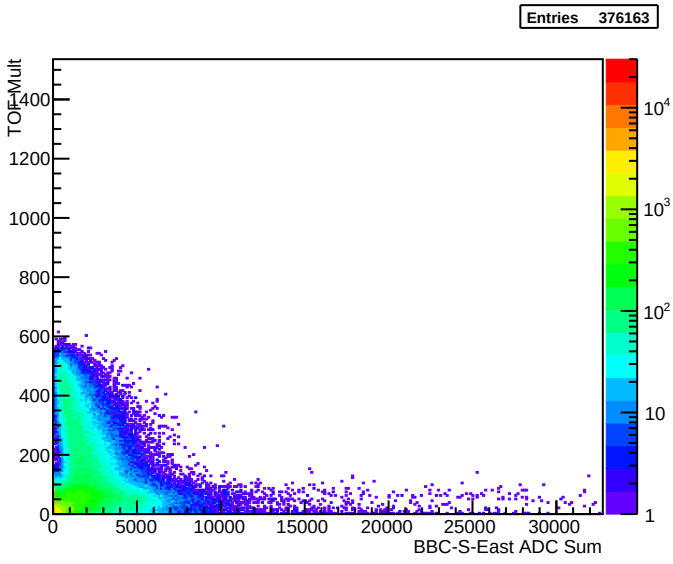

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

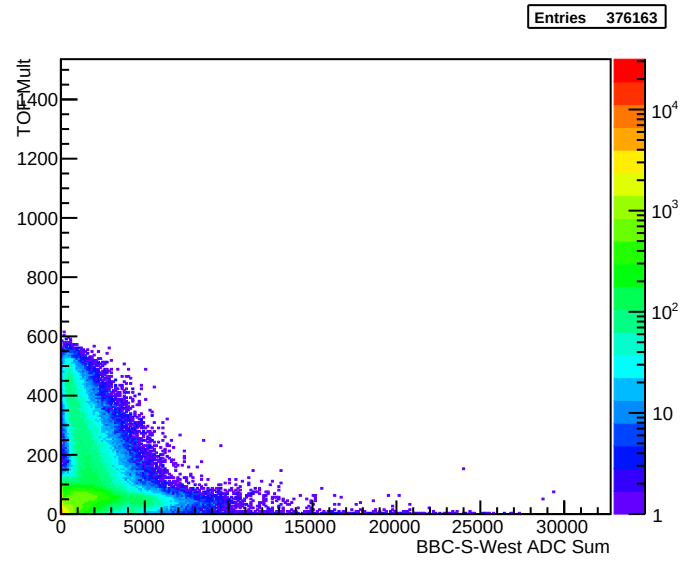

VT201 Input Ch4: VPD Tac Diff
Entries 376163
Tac

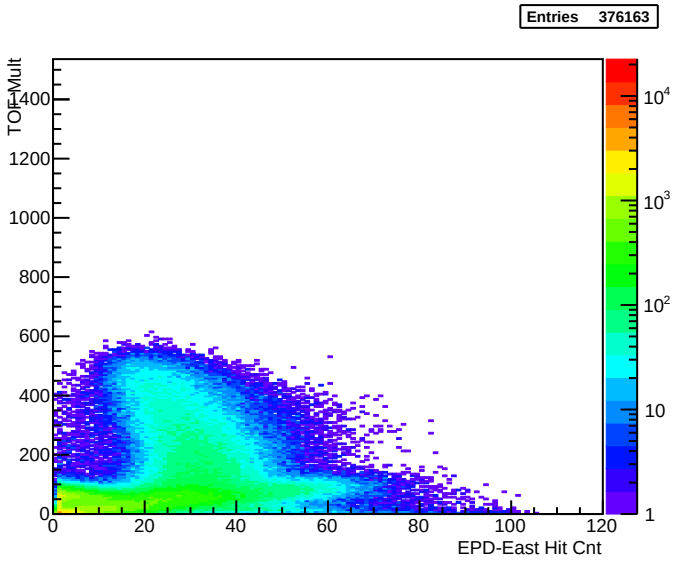

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

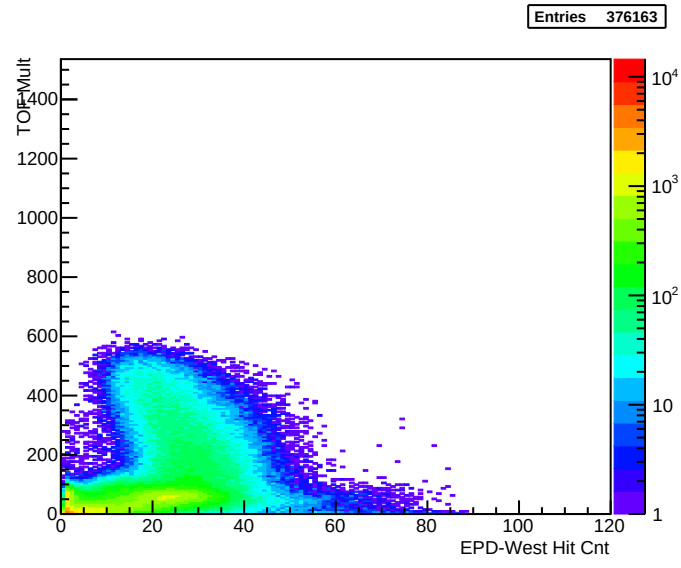

VT201 Input Ch4: VPD Adc Sum Th
Entries 752326
254103
285852
122060
90311
East
West

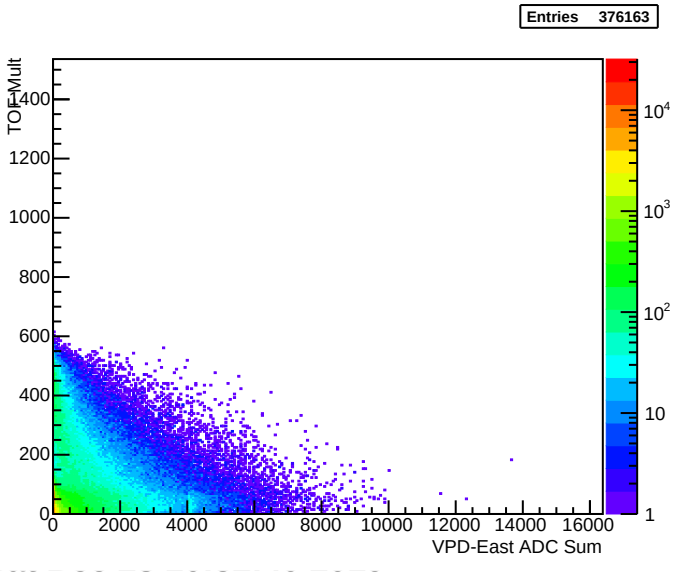

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

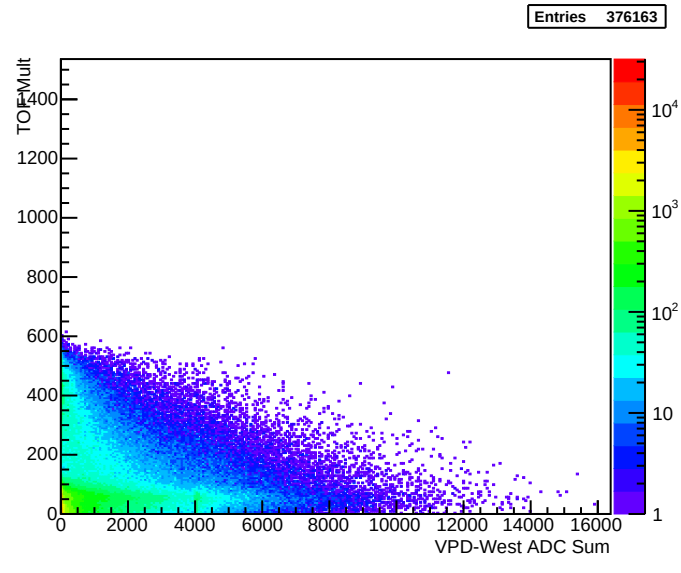

Entries 376163
TOF-Mult
BBC-S-East ADC Sum

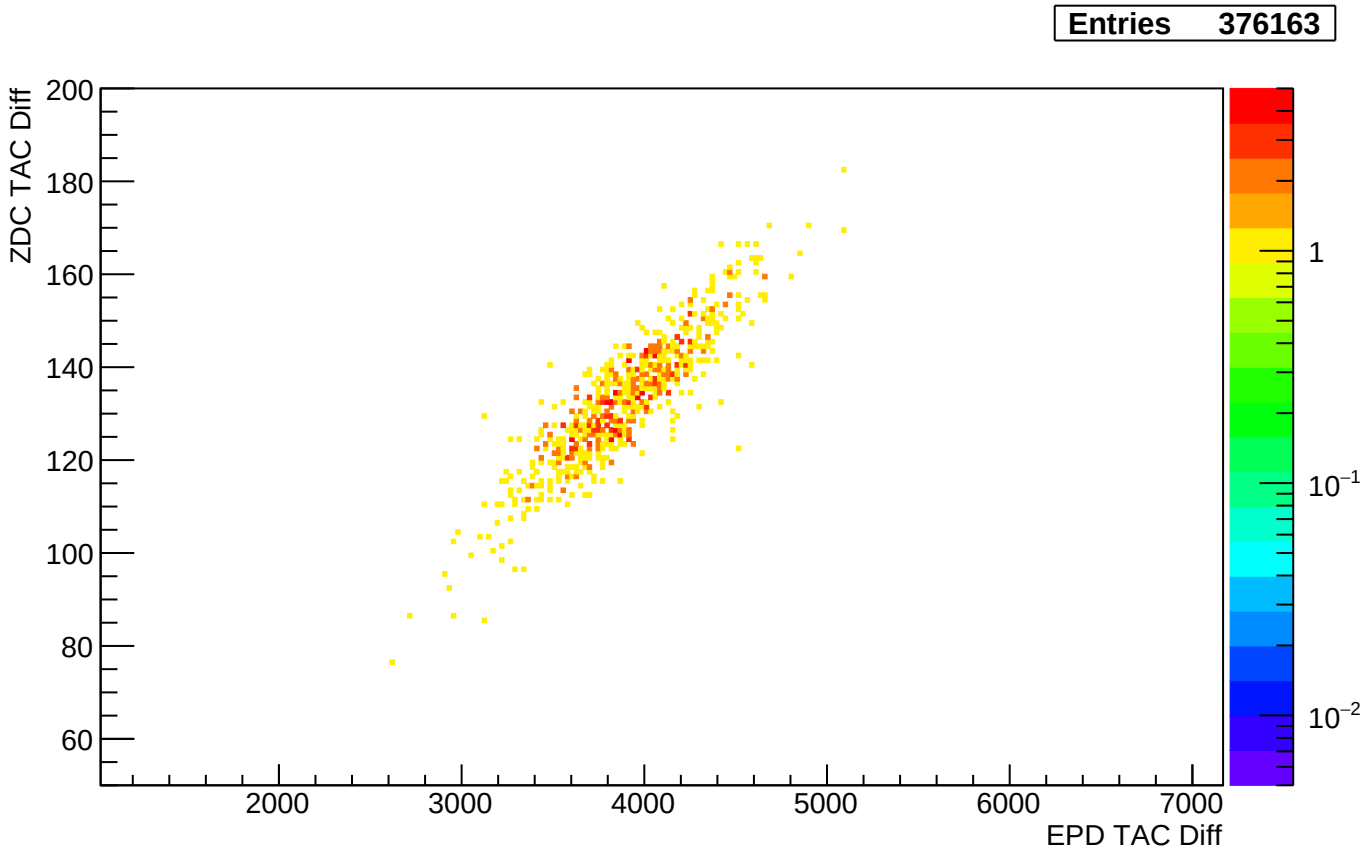

Entries 376163
TOF-Mult
BBC-S-West ADC Sum

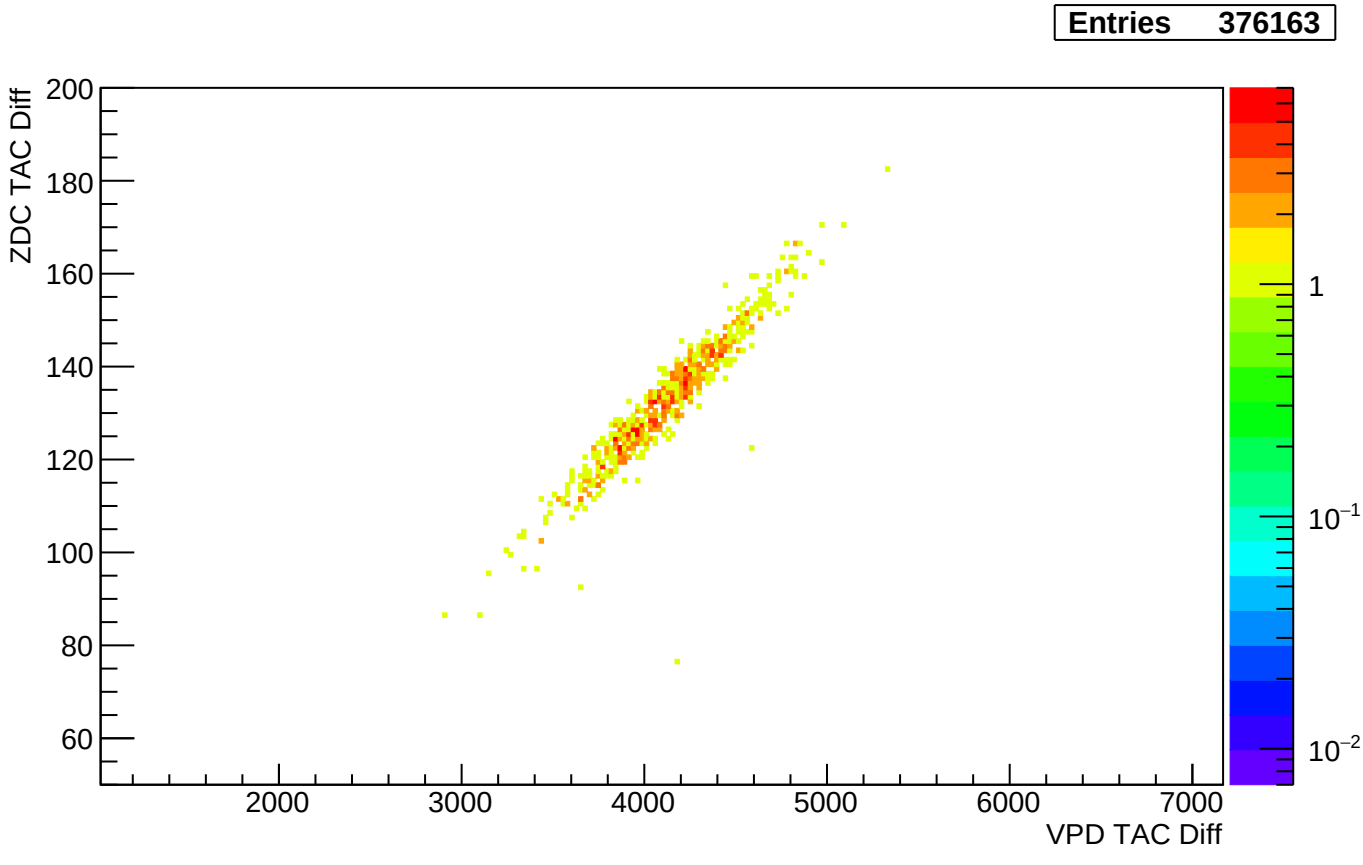

Entries 376163
TOF-Mult
EPD-East Hit Cnt

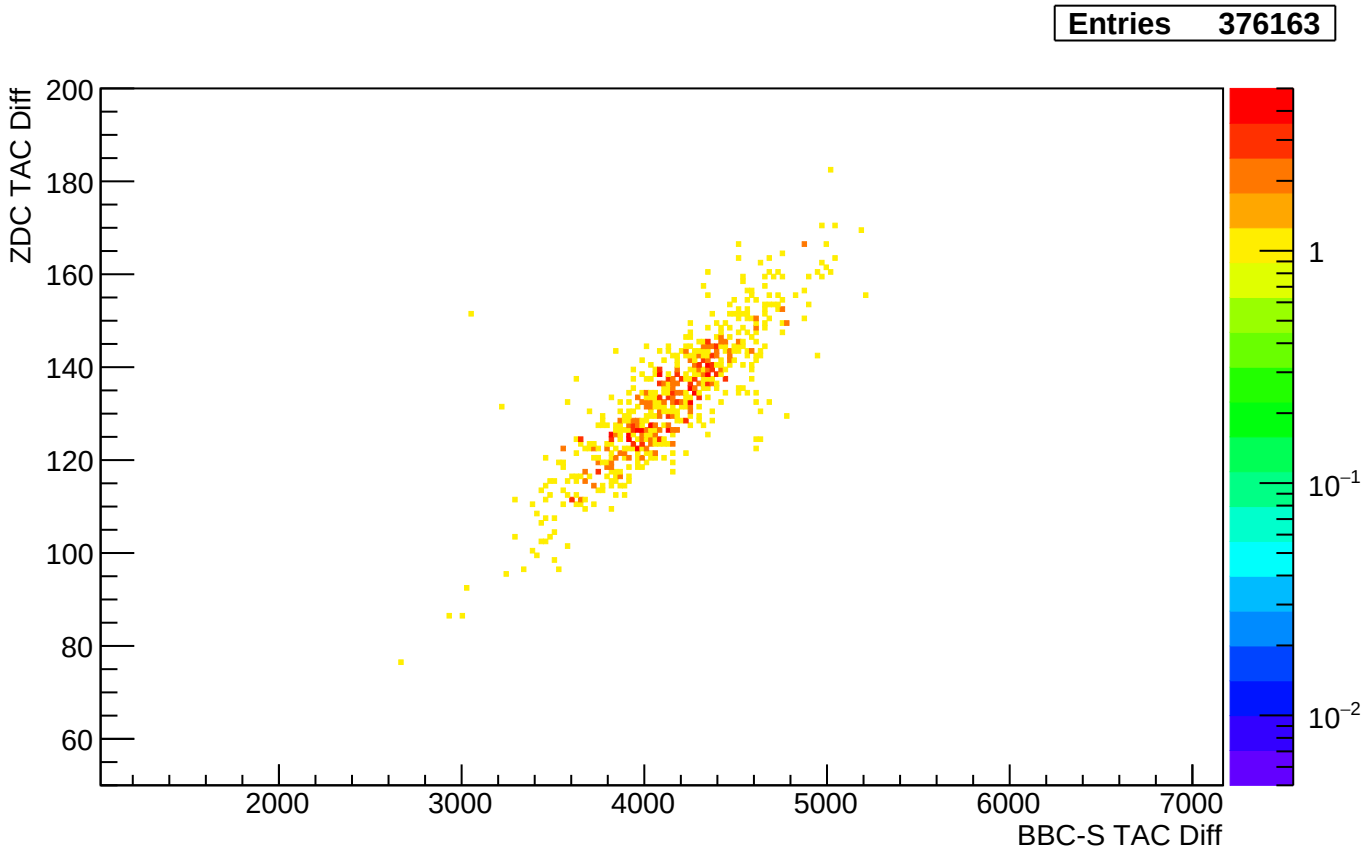

Entries 376163
TOF-Mult
EPD-West Hit Cnt

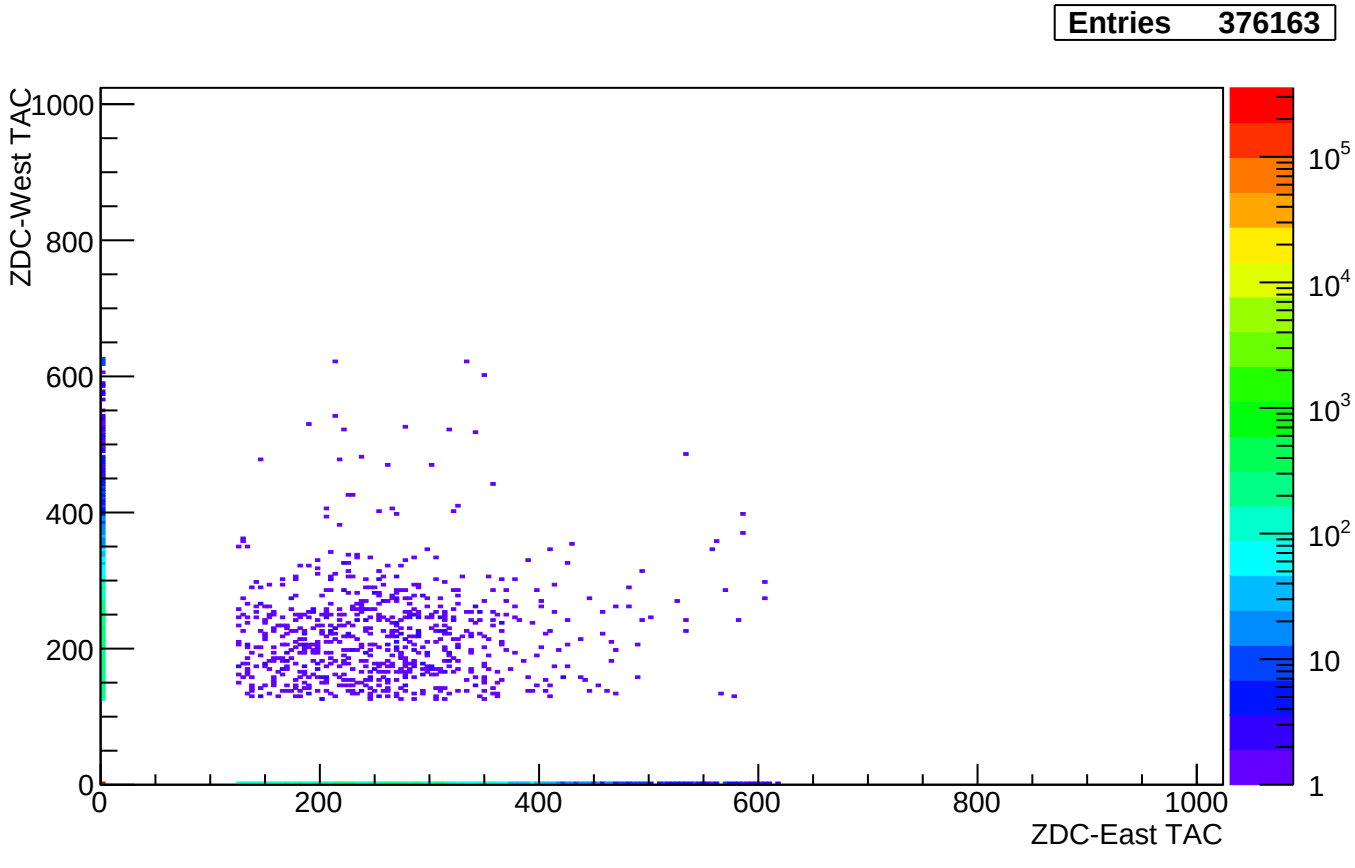

Entries 376163
TOF-Mult
VPD-East ADC Sum

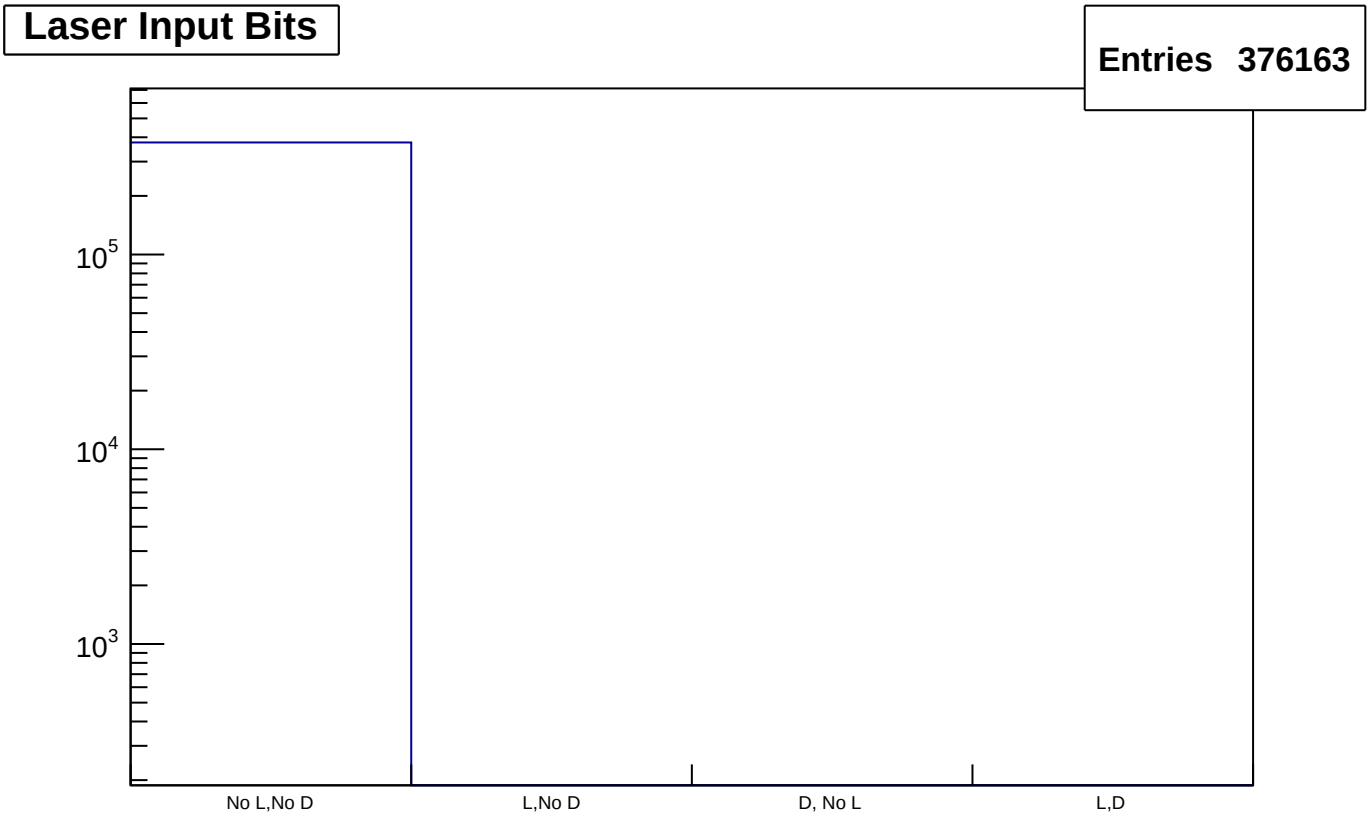

Entries 376163
TOF-Mult
VPD-West ADC Sum

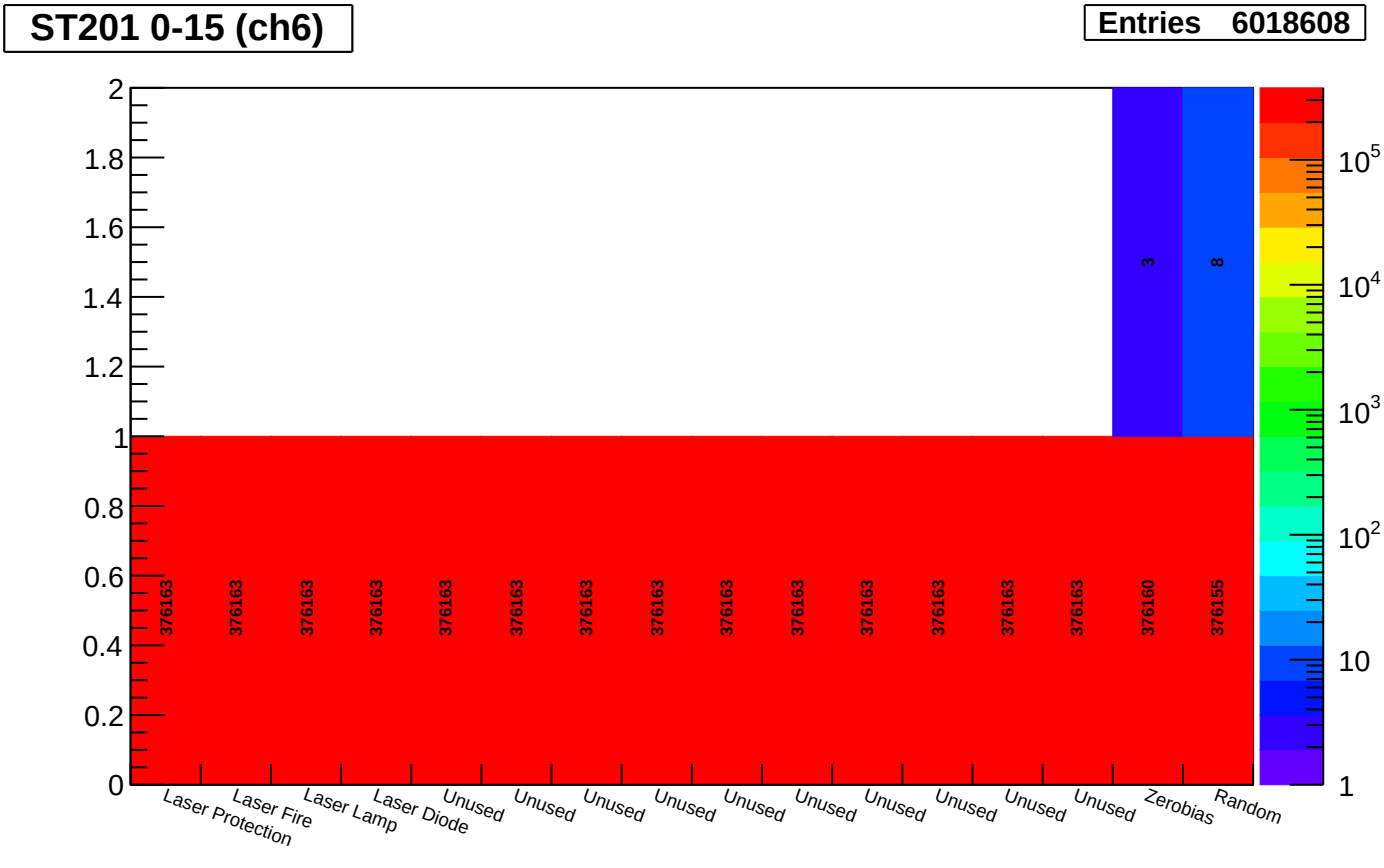

Entries 376163
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

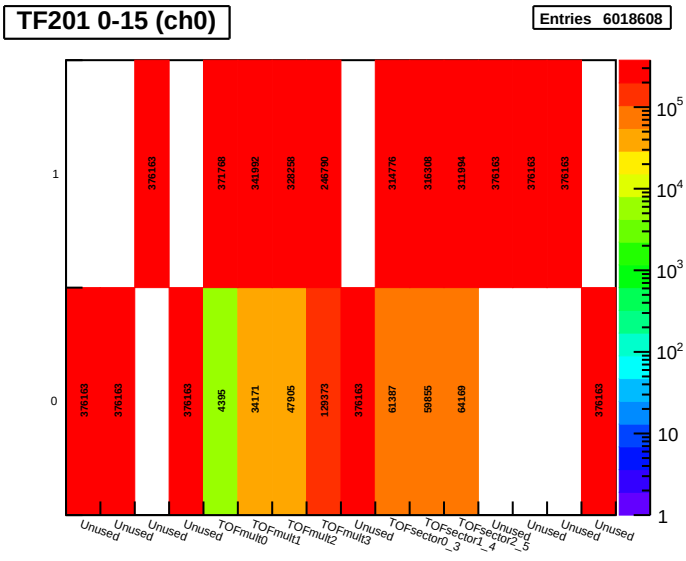

Entries 376163
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

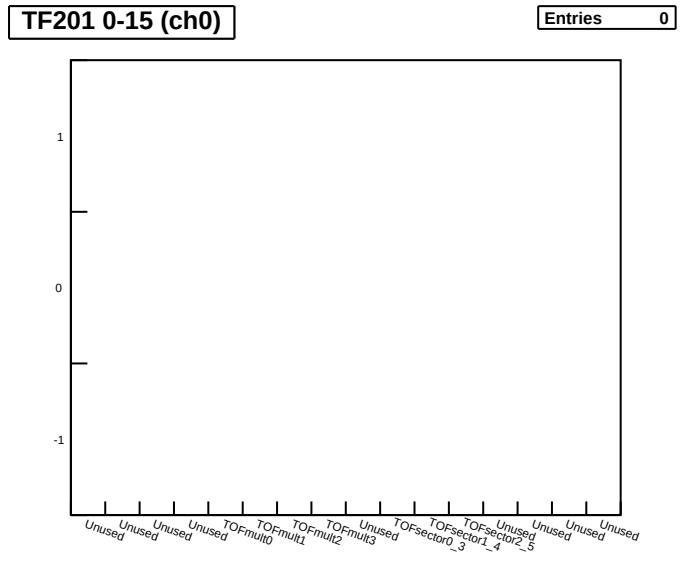

Entries 376163
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

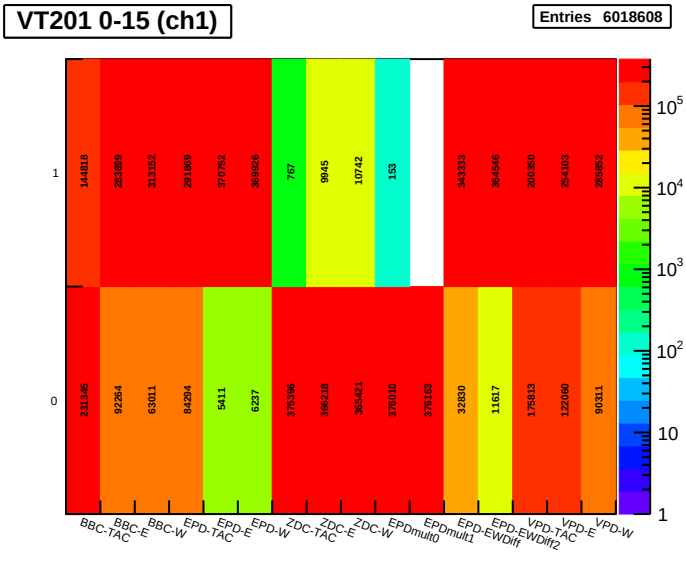

Entries 376163
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

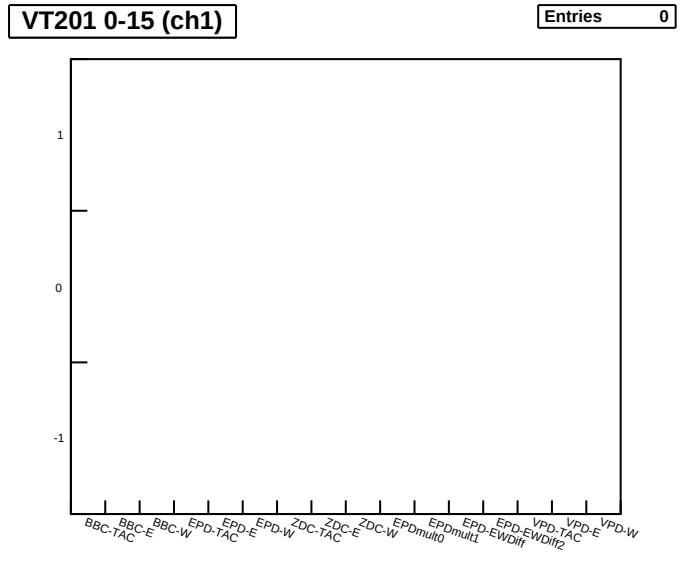

Laser Input Bits
Entries 376163
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

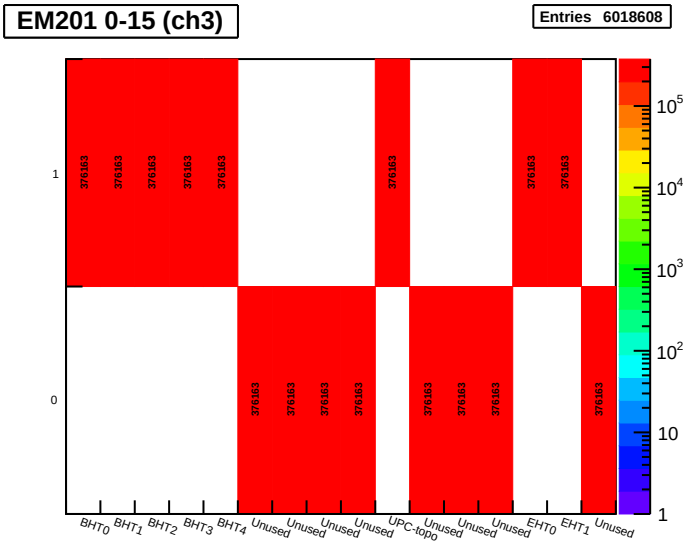

ST201 0-15 (ch6)
Entries 6018608
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376160
376155
3
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

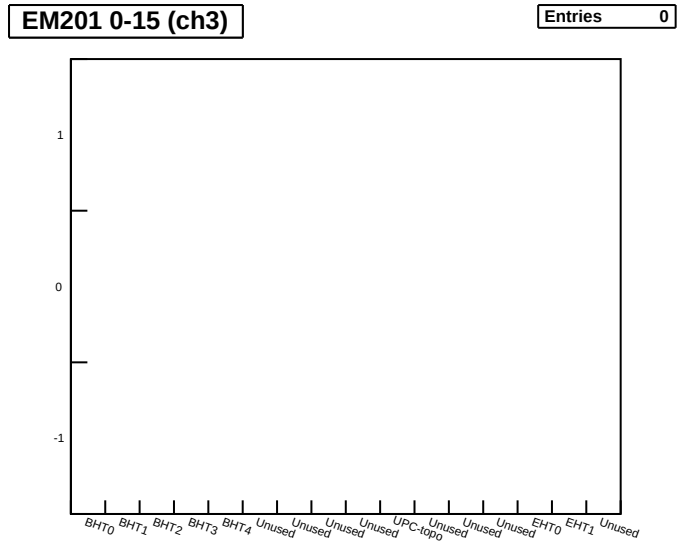

TF201 0-15 (ch0)
Entries 6018608
1
0
376163
371768
341992
328258
246790
314776
316308
311994
376163
376163
376163
376163
376163
376163
4395
34171
47905
129373
376163
61387
59855
64169
376163
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 6018608
1
0
144818
283899
313152
291869
370752
369926
767
9945
10742
153
343333
364546
200350
254103
285852
231345
92264
63011
84294
5411
6237
375396
368218
365421
376010
376163
32830
11617
175813
122060
90311
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 6018608
1
0
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
376163
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