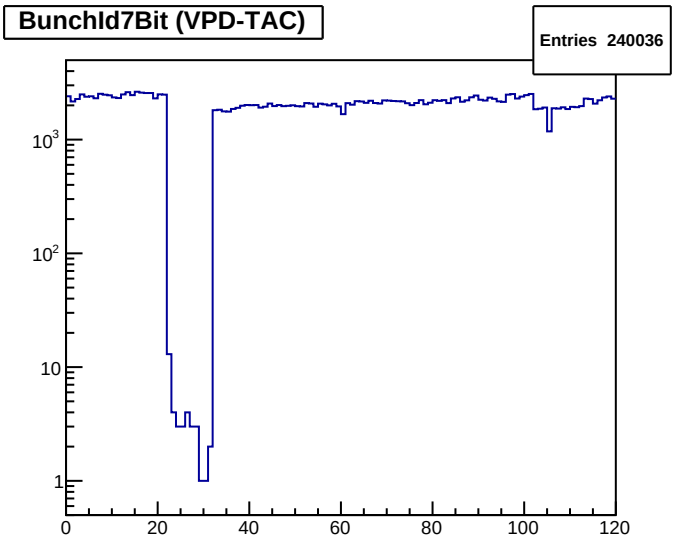
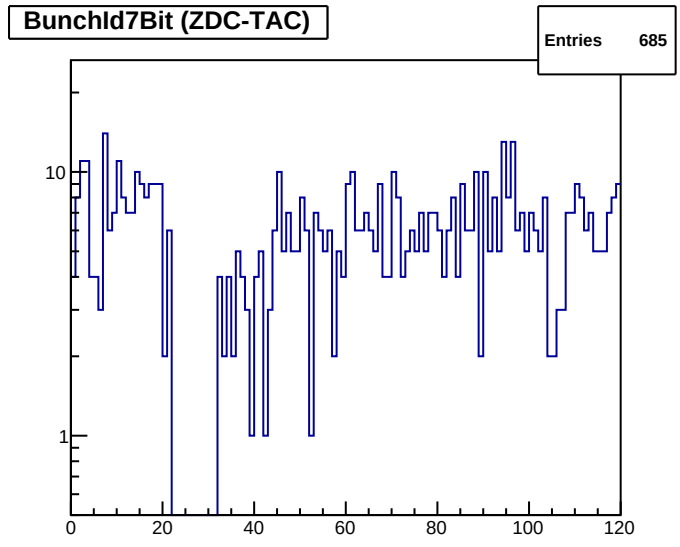
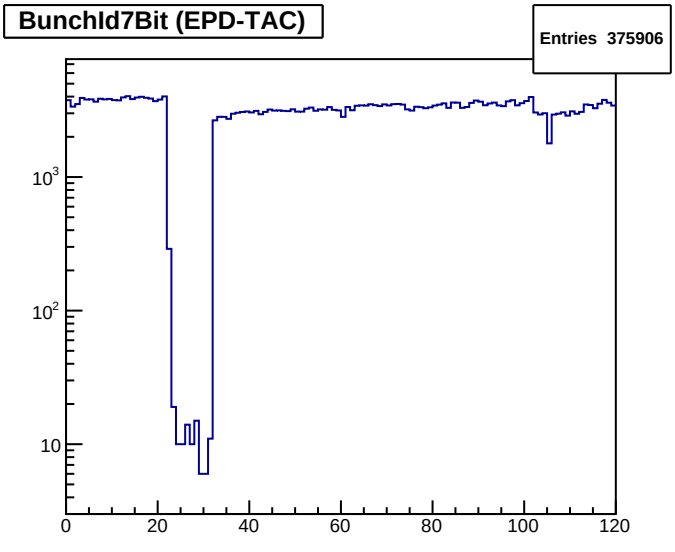
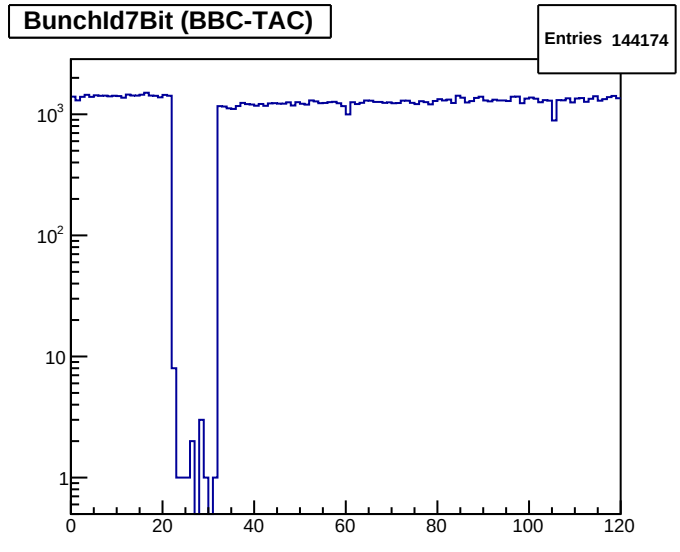
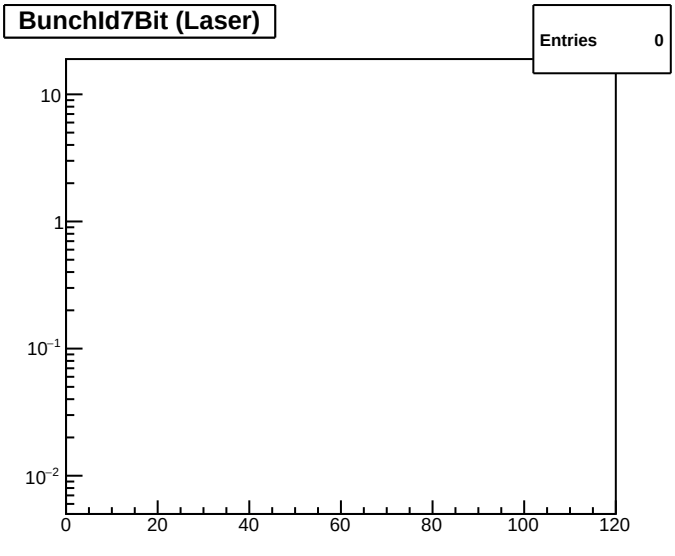
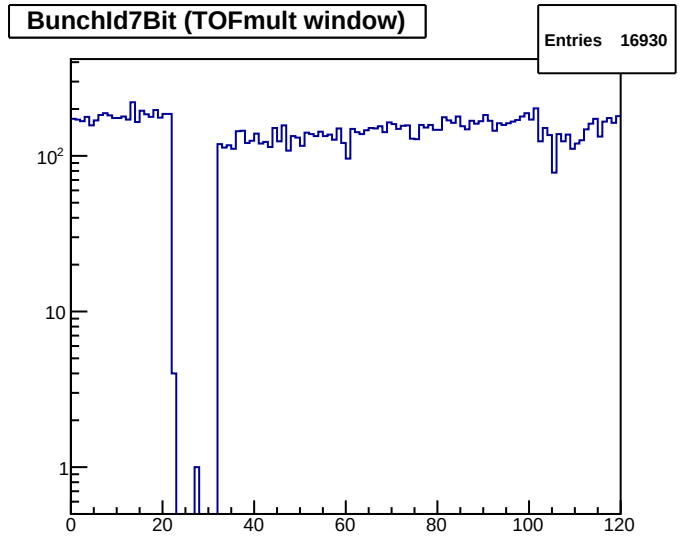

BunchId7Bit (VPD-TAC)
Entries 240036

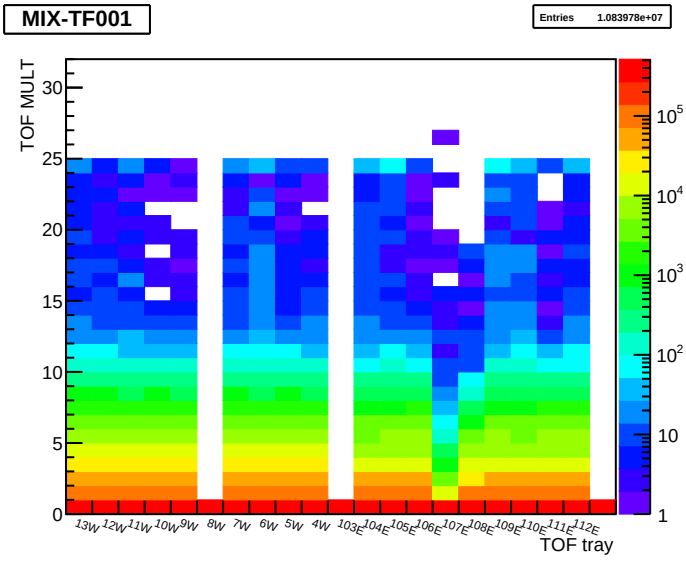

BunchId7Bit (ZDC-TAC)
Entries 685

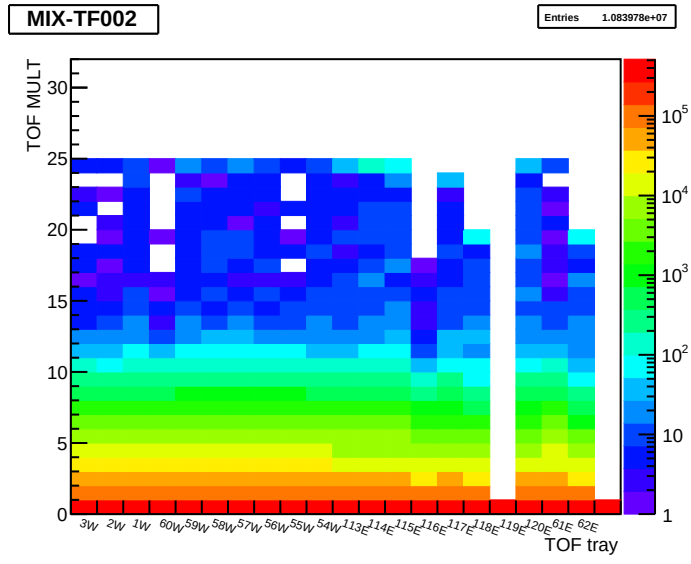

BunchId7Bit (EPD-TAC)
Entries 375906

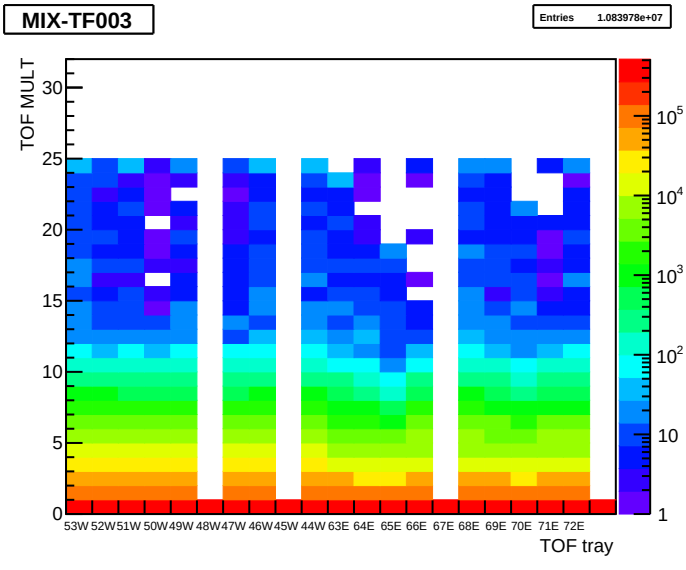

BunchId7Bit (BBC-TAC)
Entries 144174

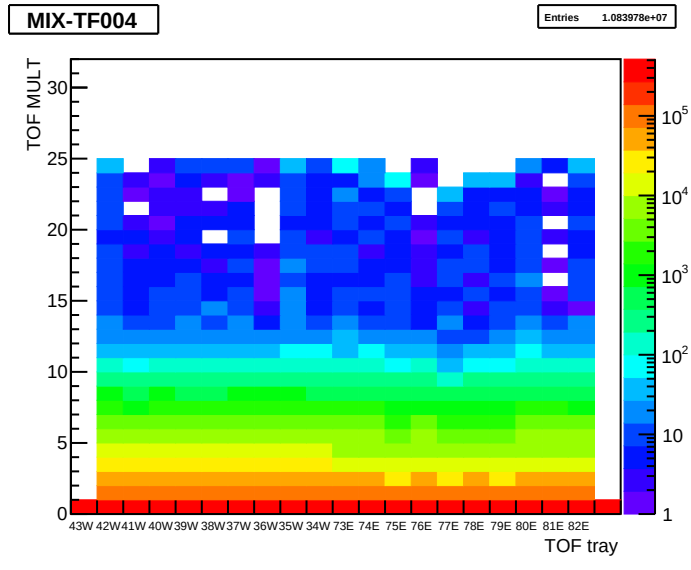

BunchId7Bit (Laser)
Entries 0

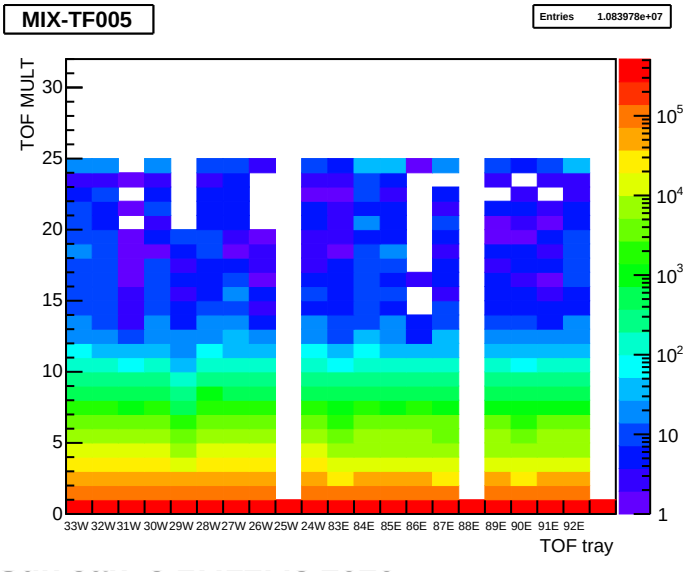

BunchId7Bit (TOFmult window)
Entries 16930

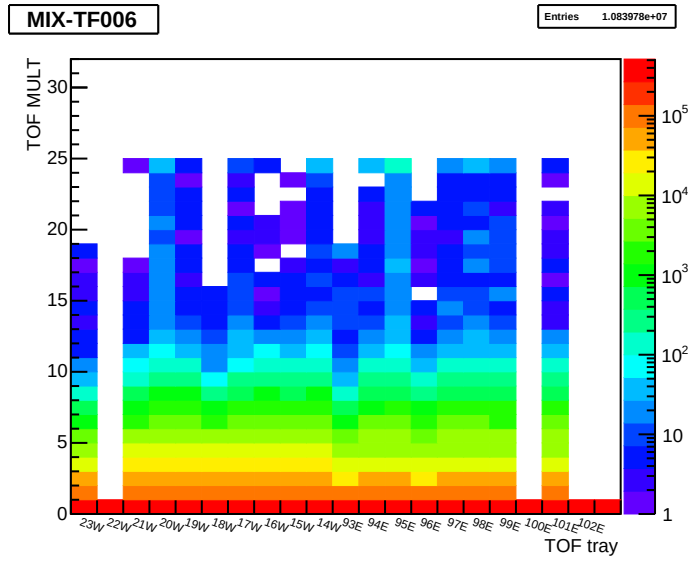

MIX-TF001
Entries 1.083978e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

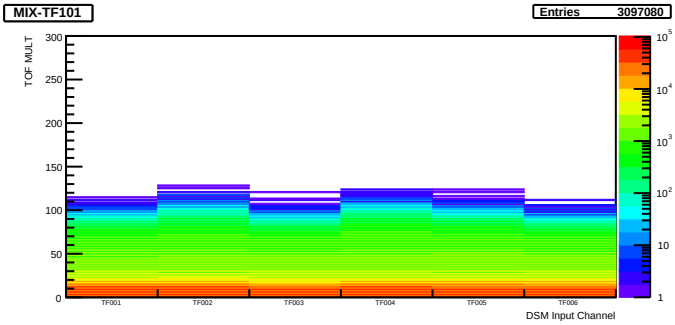

MIX-TF002
Entries 1.083978e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

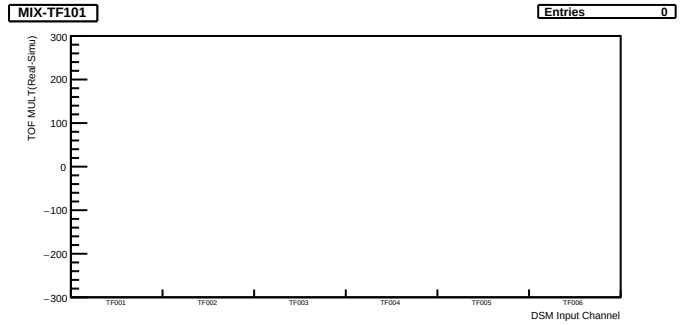

MIX-TF003
Entries 1.083978e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

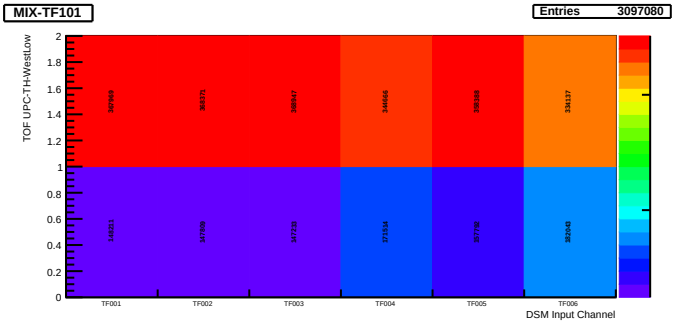

MIX-TF004
Entries 1.083978e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

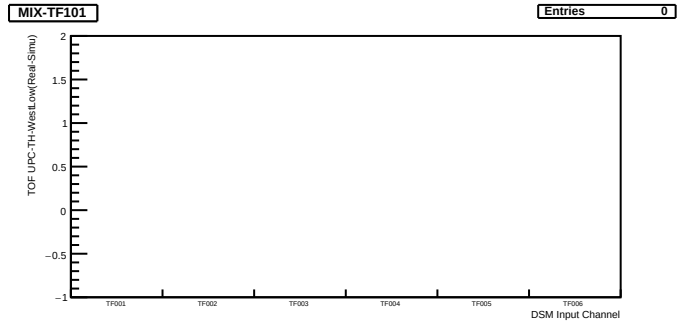

MIX-TF005
Entries 1.083978e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

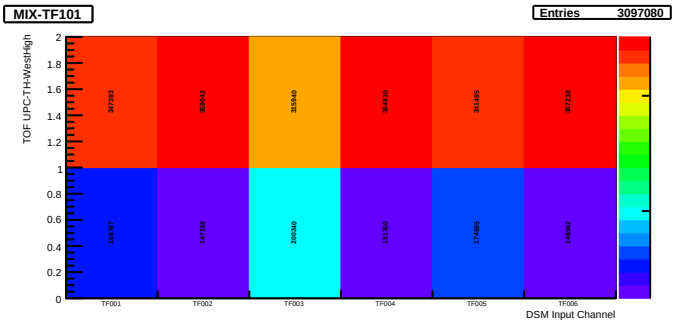

MIX-TF006
Entries 1.083978e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

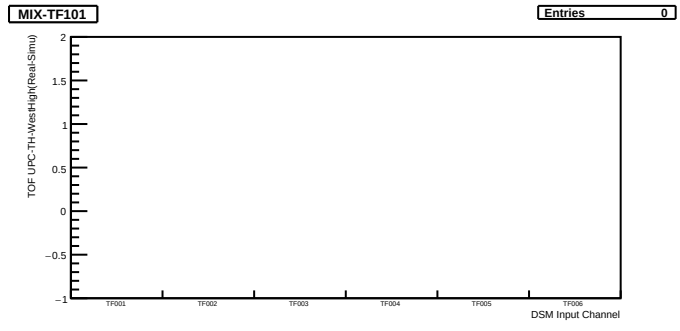

MIX-TF101
Entries 3097080
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

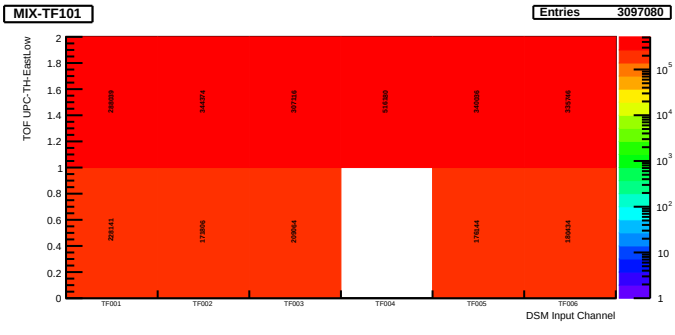

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

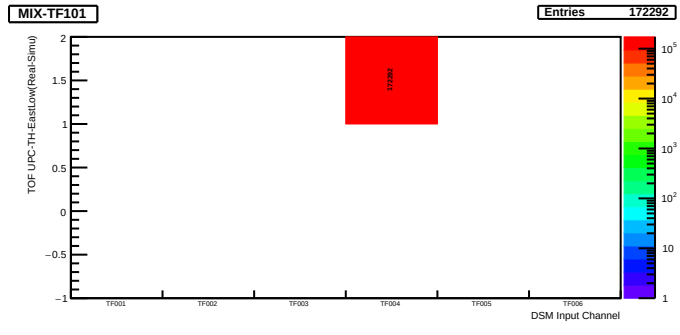

MIX-TF101
Entries 3097080
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

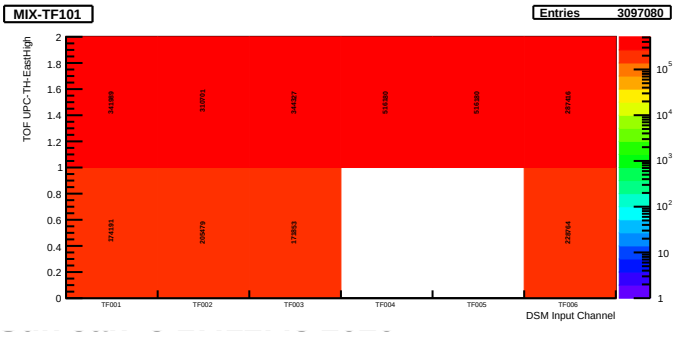

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

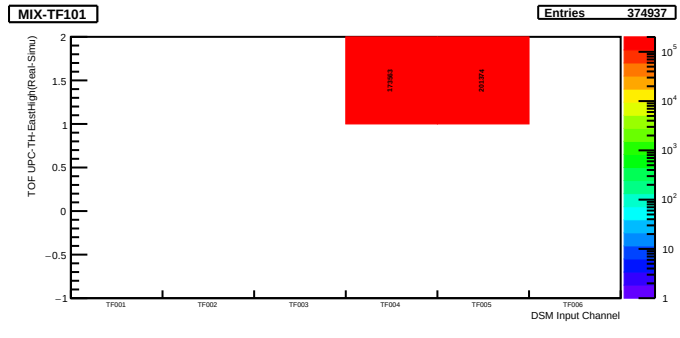

MIX-TF101
Entries 3097080
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

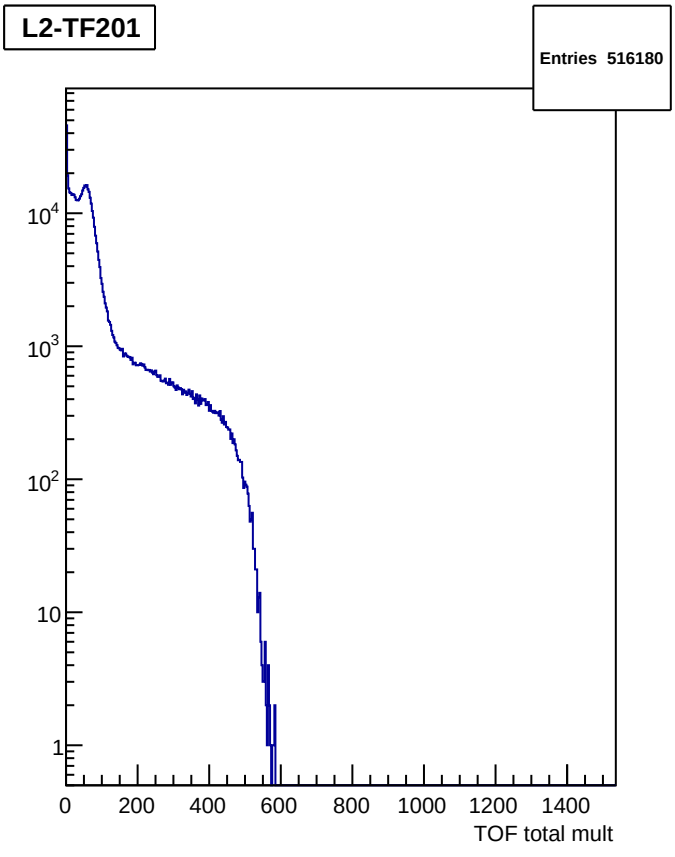

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

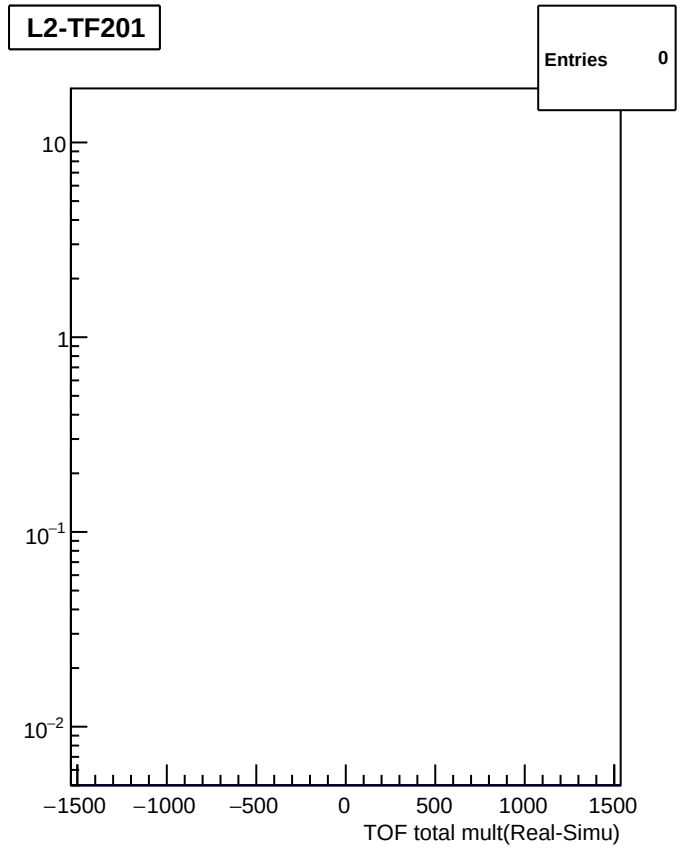

MIX-TF101
Entries 3097080
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

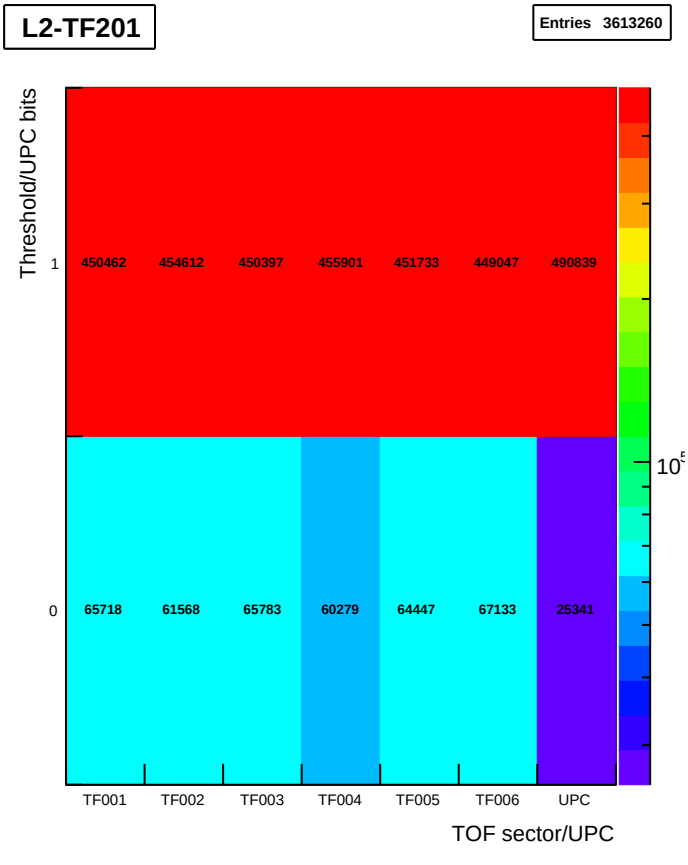

MIX-TF101
Entries 172292
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

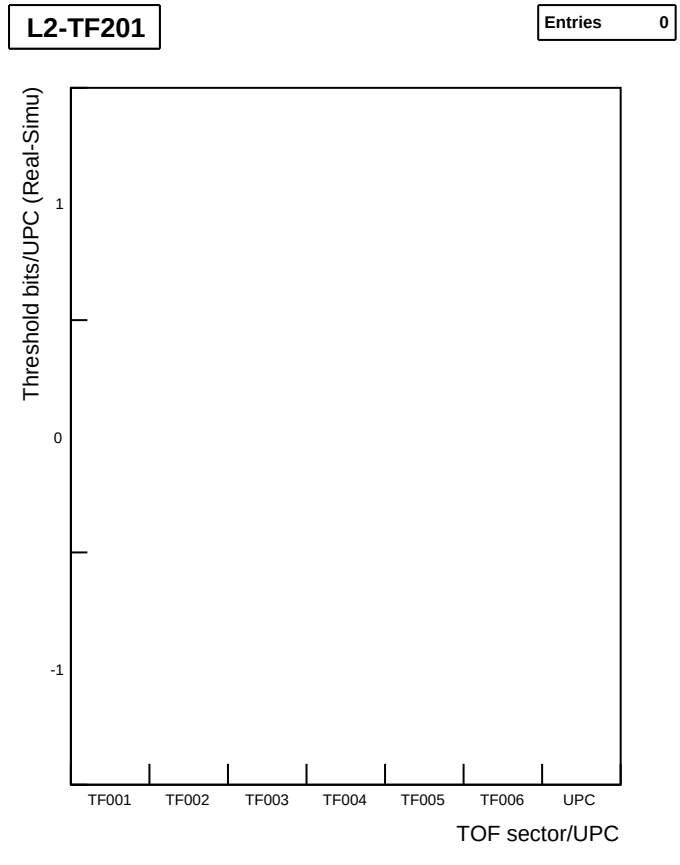

MIX-TF101
Entries 3097080
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

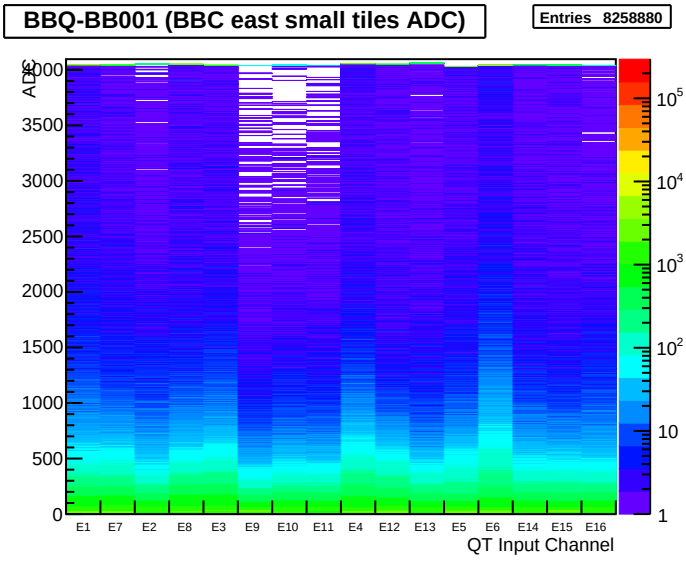

MIX-TF101
Entries 374937
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

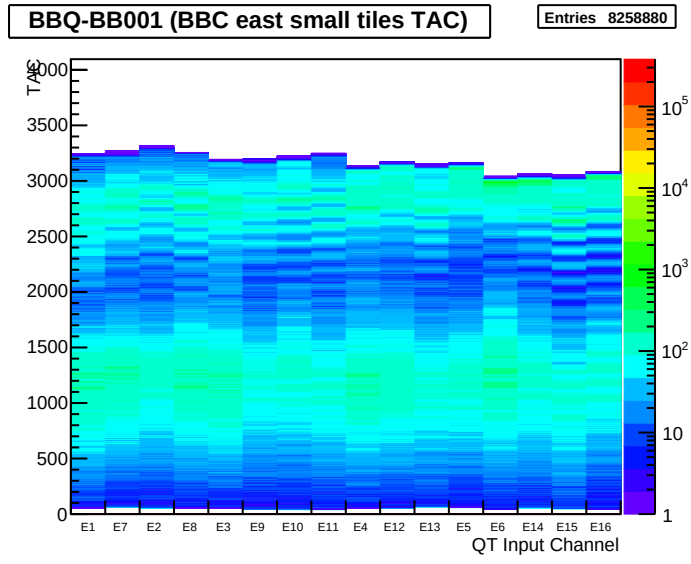

L2-TF201
Entries 516180
TOF total mult

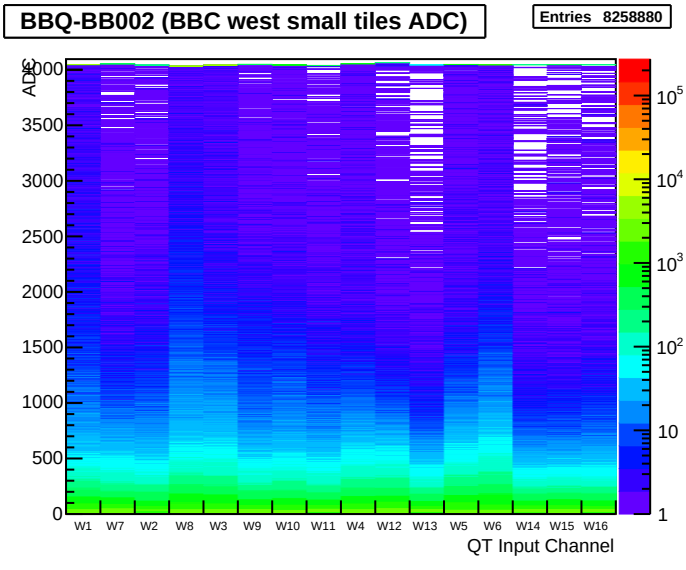

L2-TF201
Entries 0
TOF total mult(Real-Simu)

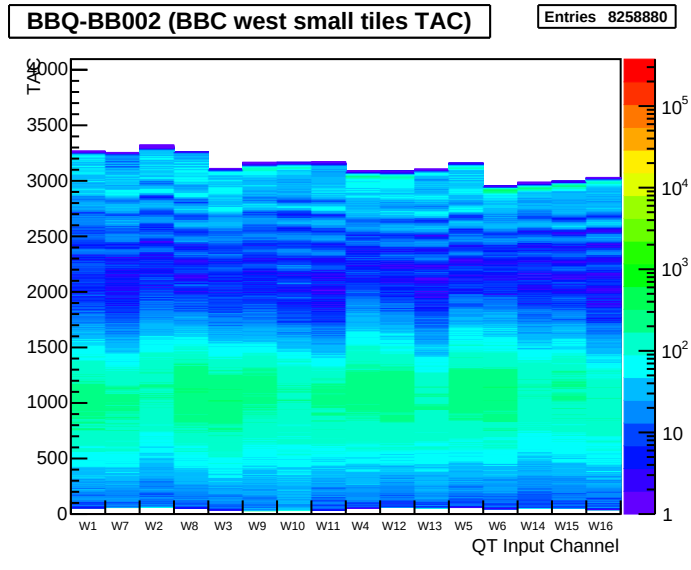

L2-TF201
Entries 3613260
Threshold/UPC bits
450462
454612
450397
455901
451733
449047
490839
65718
61568
65783
60279
64447
67133
25341
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

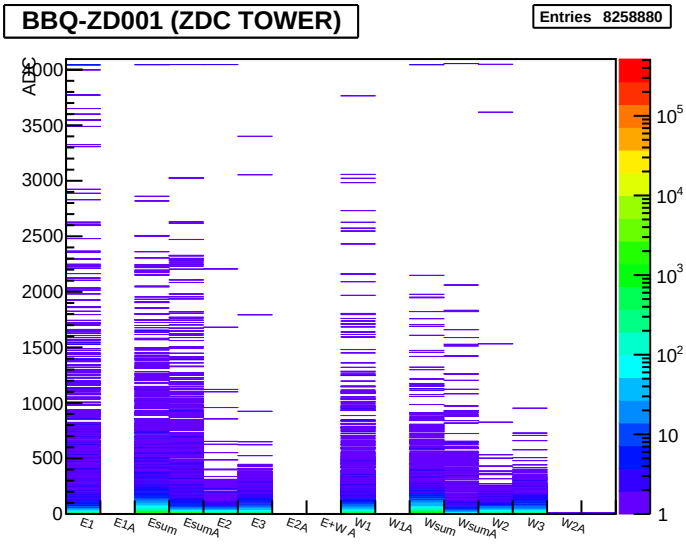

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

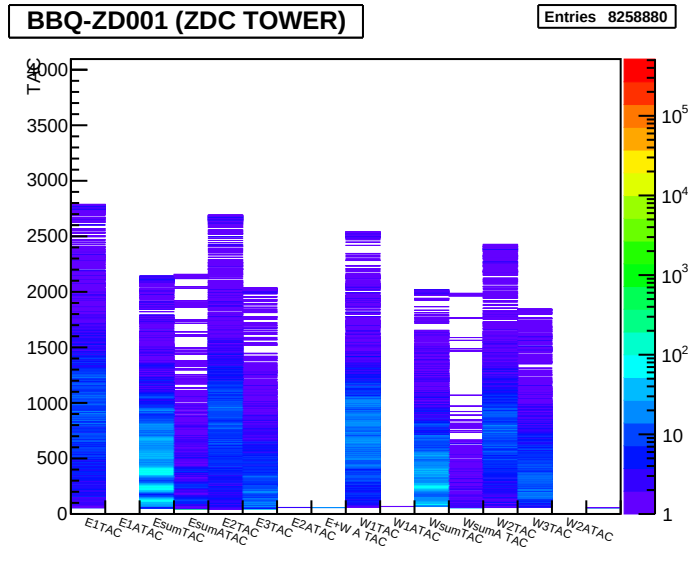

BBQ-BB001 (BBC east small tiles ADC)
Entries 8258880
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

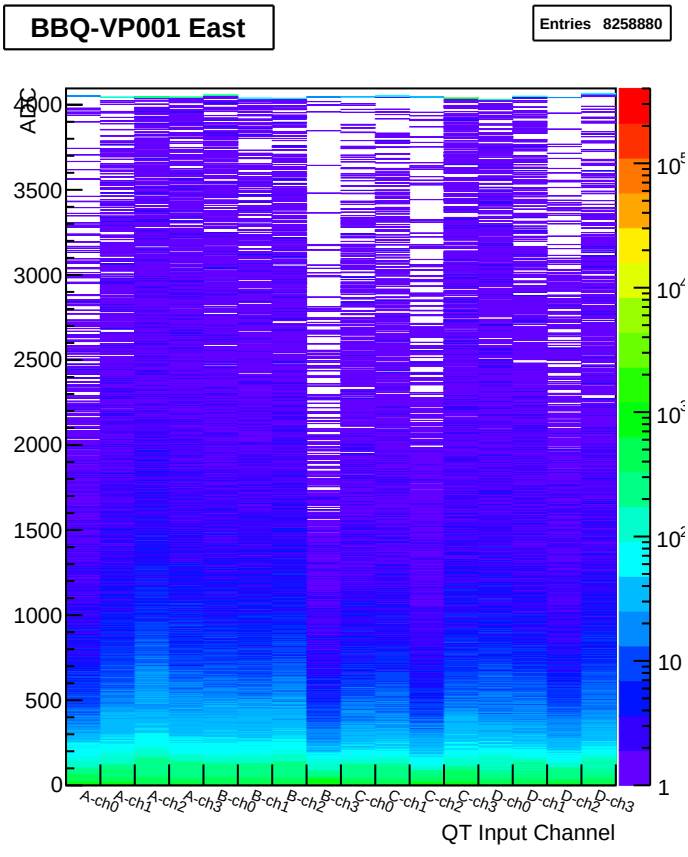

BBQ-BB001 (BBC east small tiles TAC)
Entries 8258880
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

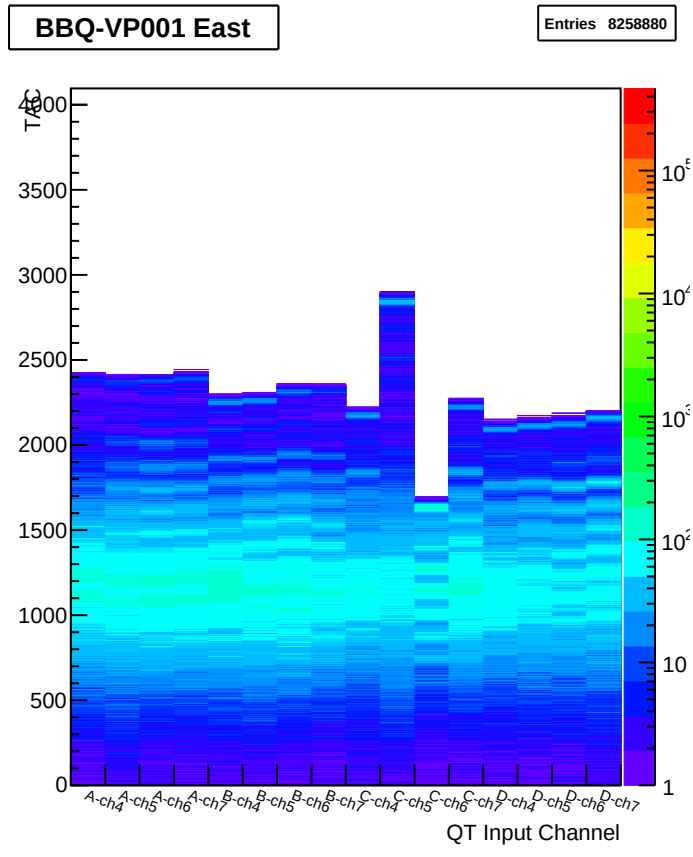

BBQ-BB002 (BBC west small tiles ADC)
Entries 8258880
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

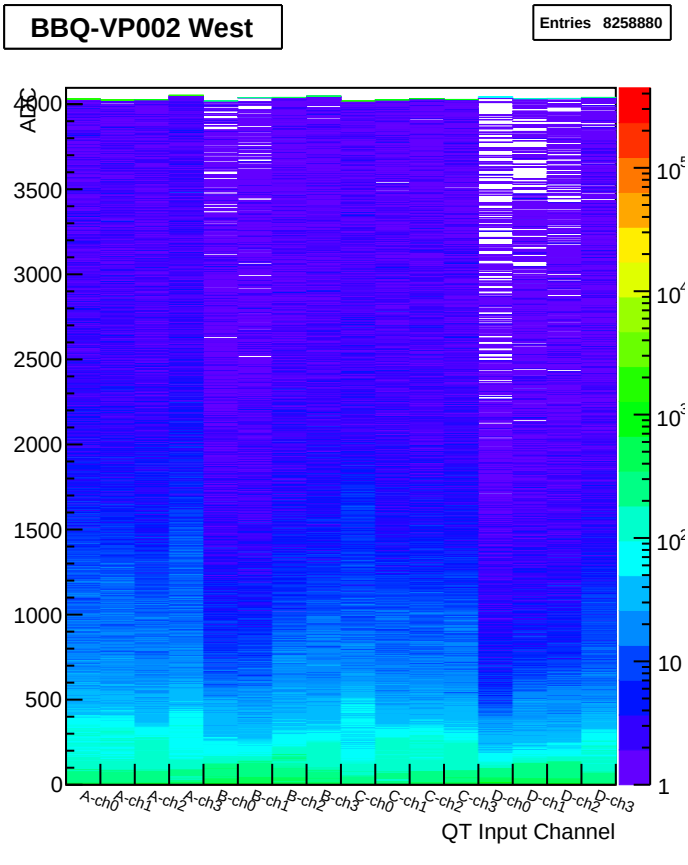

BBQ-BB002 (BBC west small tiles TAC)
Entries 8258880
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

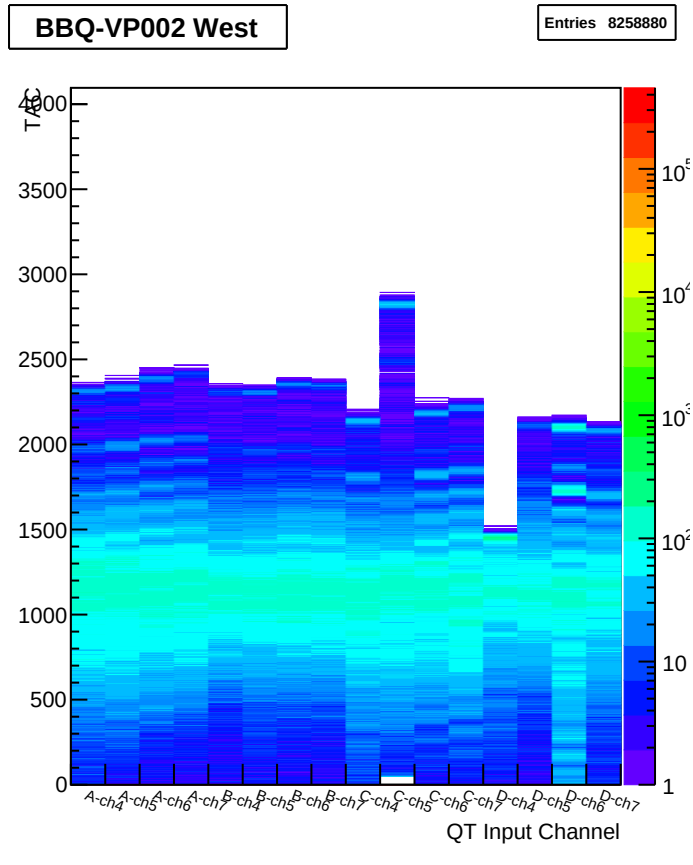

BBQ-ZD001 (ZDC TOWER)
Entries 8258880
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

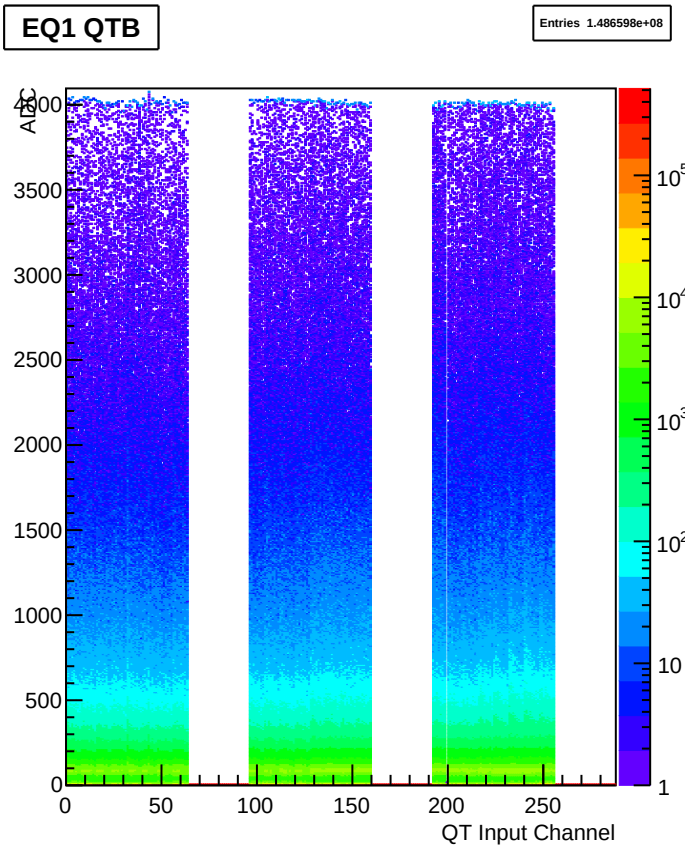

BBQ-ZD001 (ZDC TOWER)
Entries 8258880
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

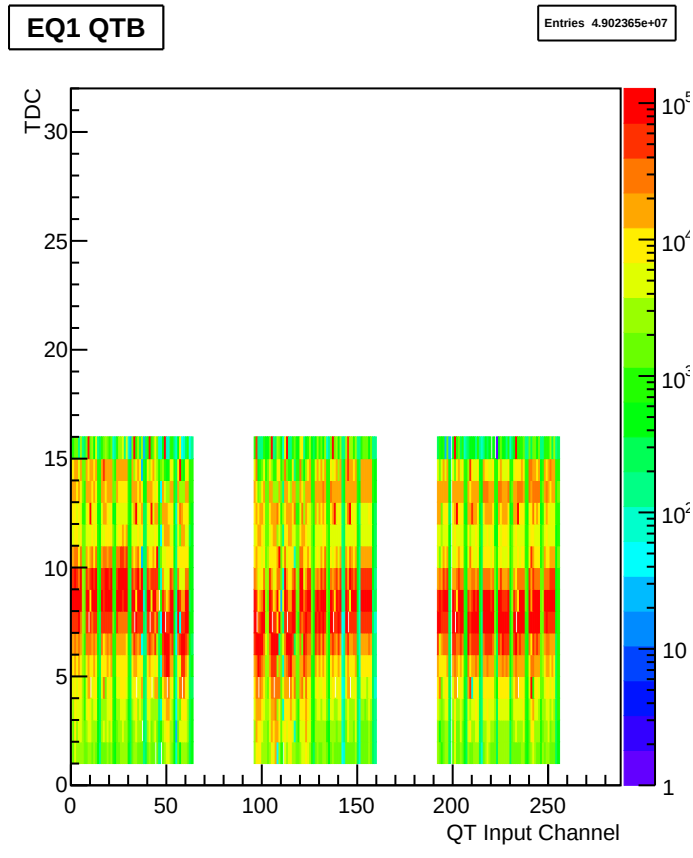

BBQ-VP001 East
Entries 8258880
ADC
QT Input Channel

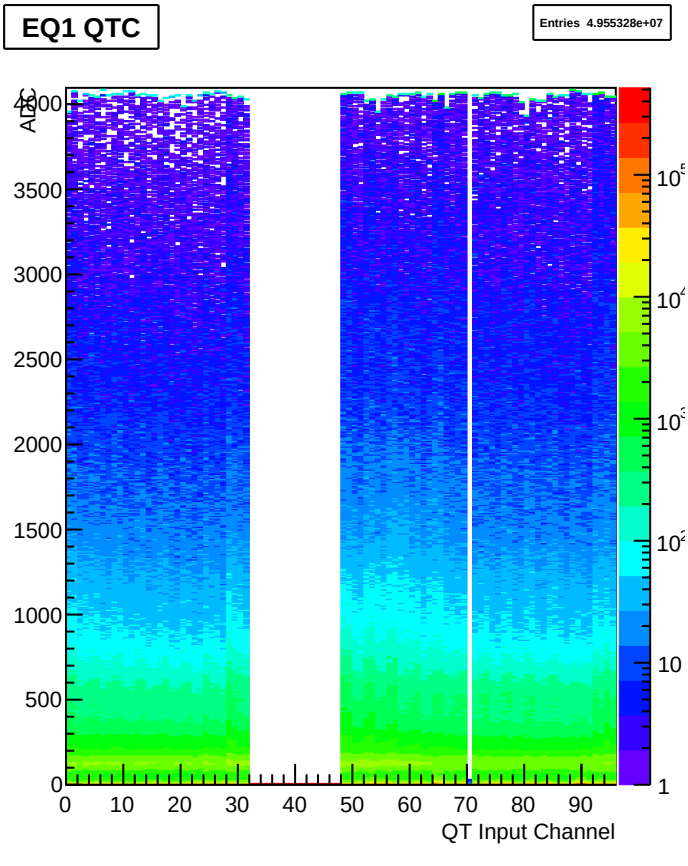

BBQ-VP001 East
Entries 8258880
TAC
QT Input Channel

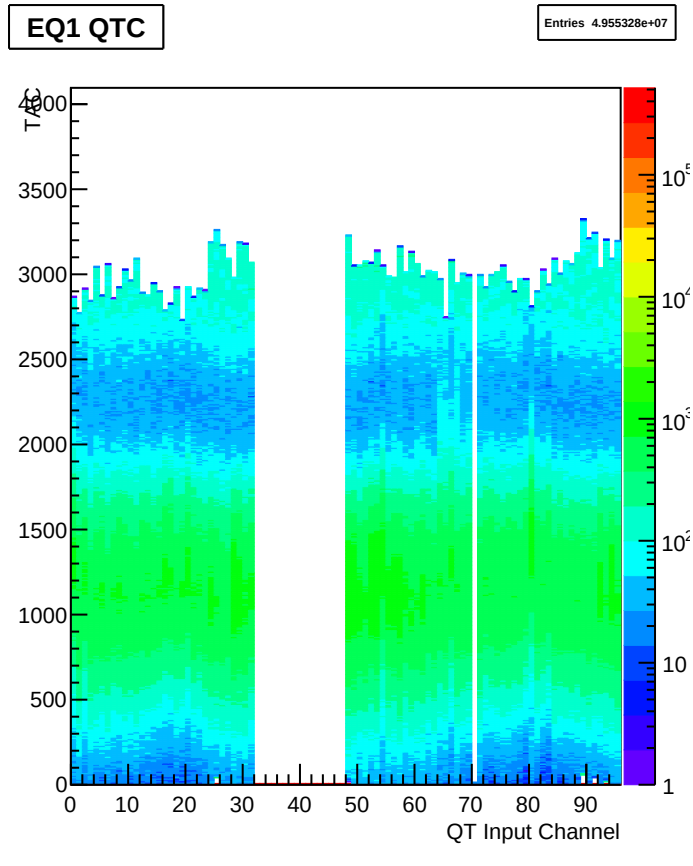

BBQ-VP002 West
Entries 8258880
ADC
QT Input Channel

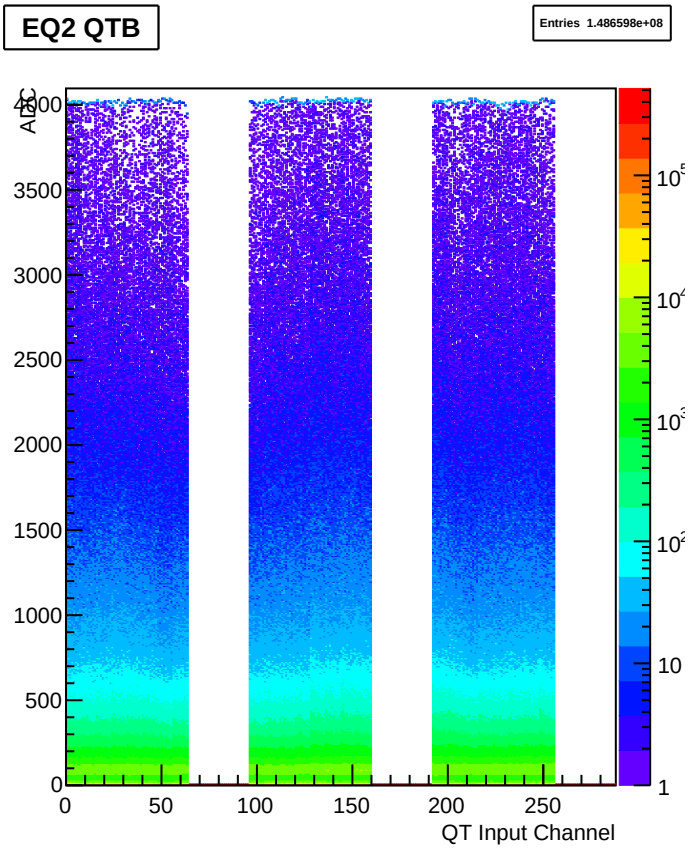

BBQ-VP002 West
Entries 8258880
TAC
QT Input Channel

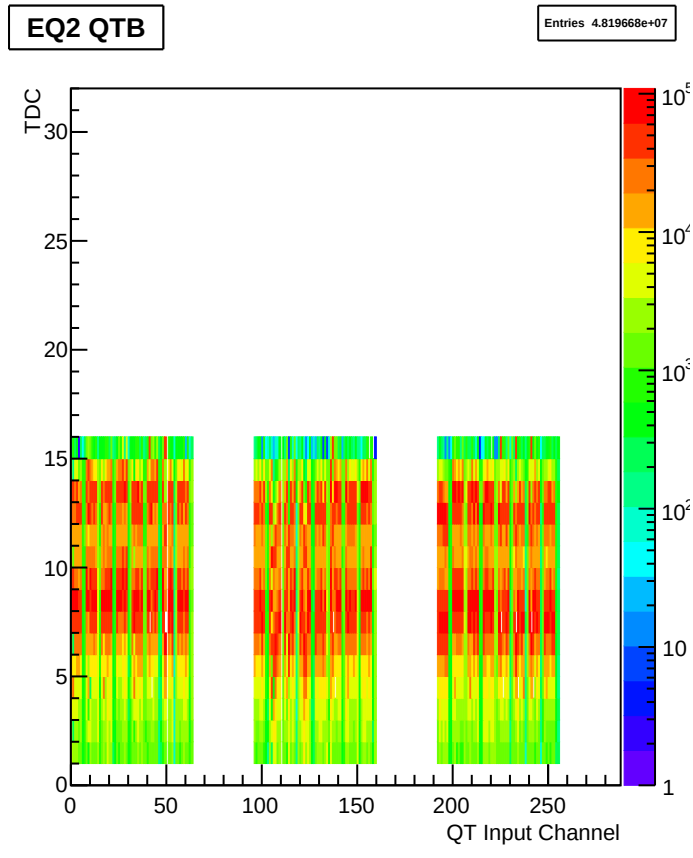

EQ1 QTB
Entries 1.486598e+08
ADC
QT Input Channel

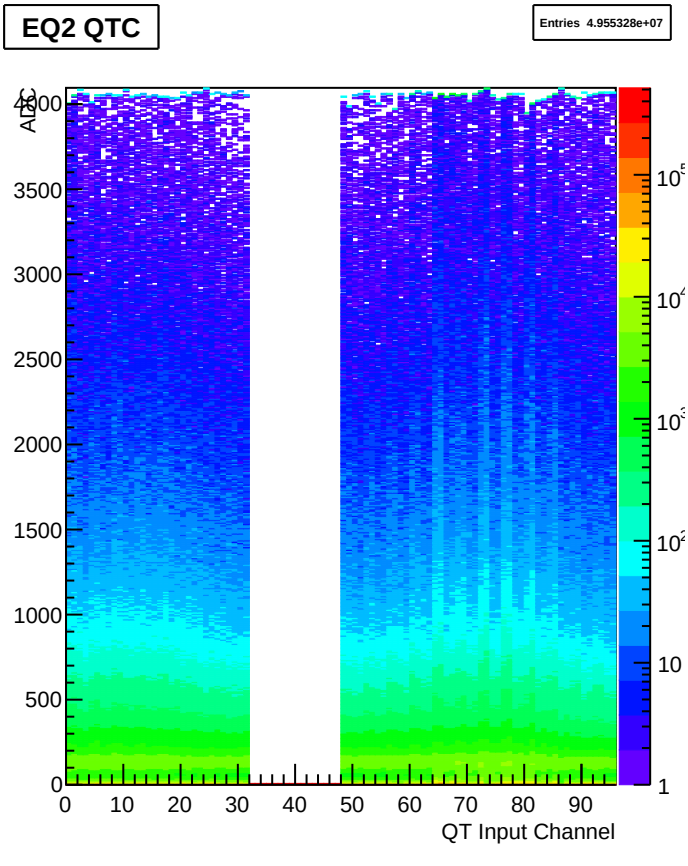

EQ1 QTB
Entries 4.902365e+07
TDC
QT Input Channel

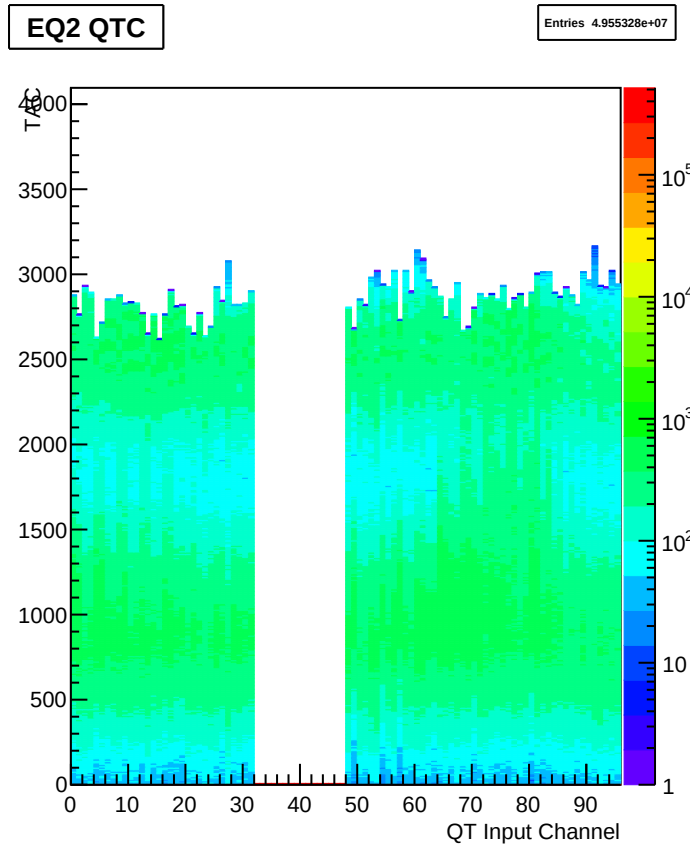

EQ1 QTC
Entries 4.955328e+07
ADC
QT Input Channel

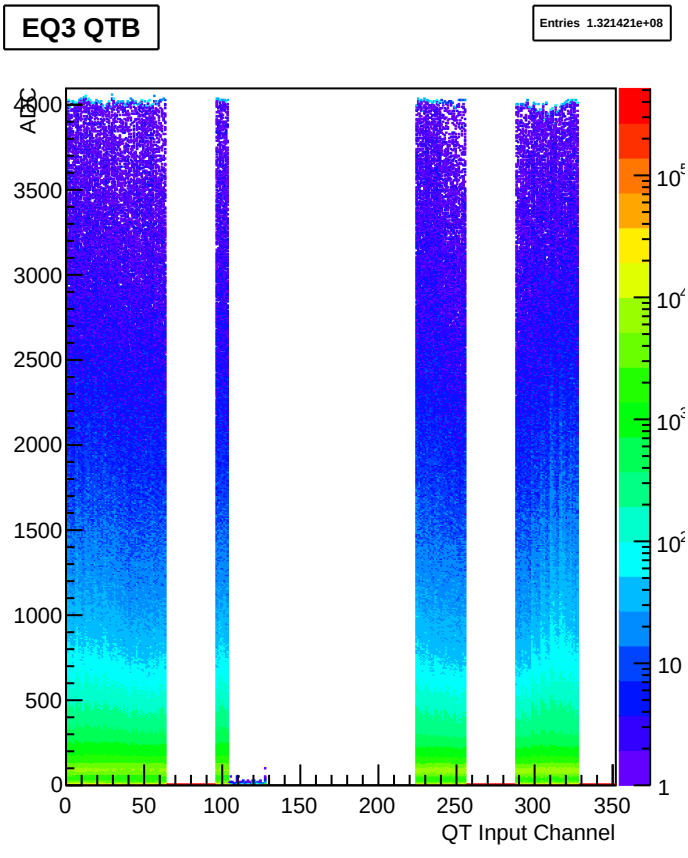

EQ1 QTC
Entries 4.955328e+07
TADC
QT Input Channel

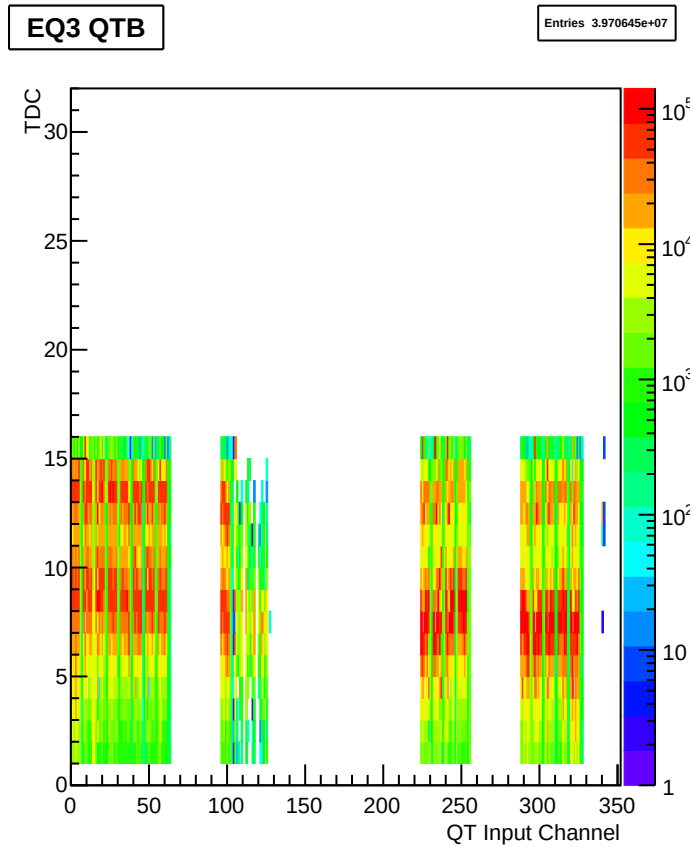

EQ2 QTB
Entries 1.486598e+08
ADC
QT Input Channel

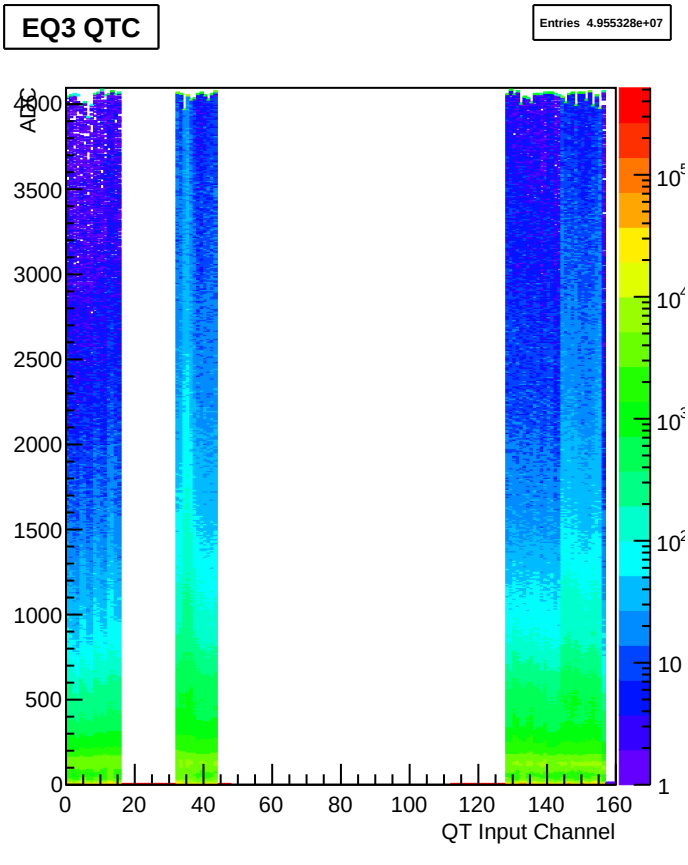

EQ2 QTB
Entries 4.819668e+07
TDC
QT Input Channel

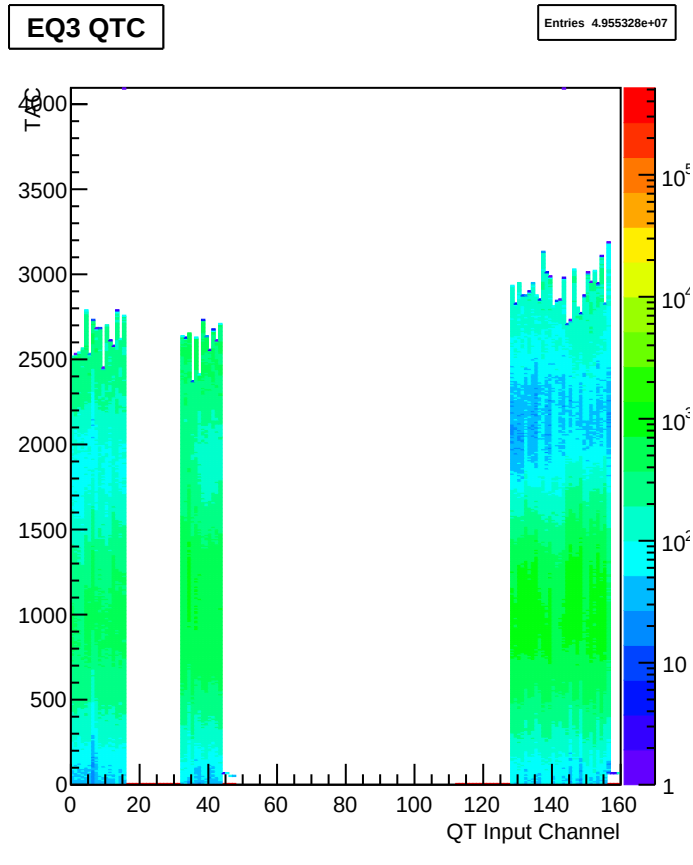

EQ2 QTC
Entries 4.955328e+07
ADC
QT Input Channel

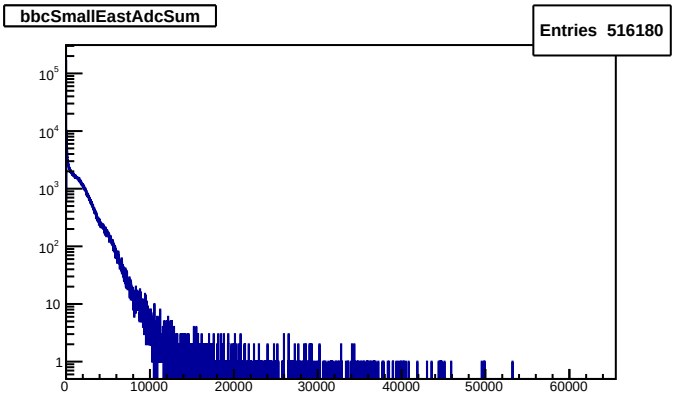

EQ2 QTC
Entries 4.955328e+07
TADC
QT Input Channel

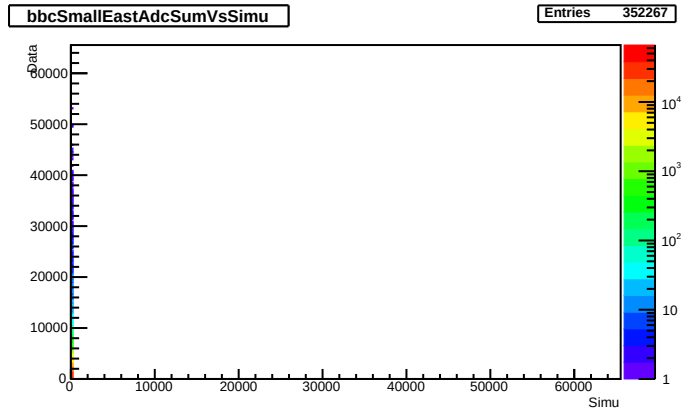

EQ3 QTB
Entries 1.321421e+08
ADC
QT Input Channel

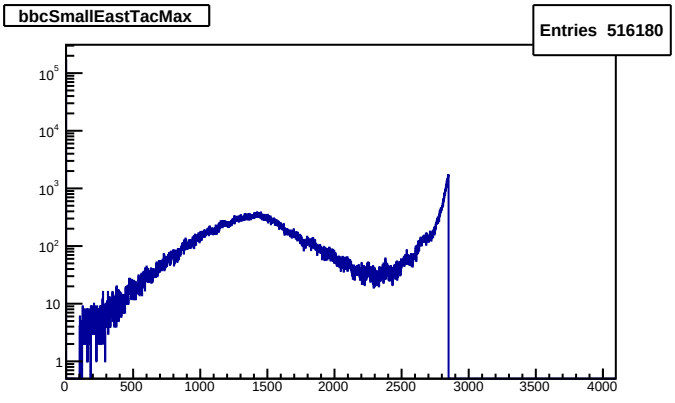

EQ3 QTB
Entries 3.970645e+07
TDC
QT Input Channel

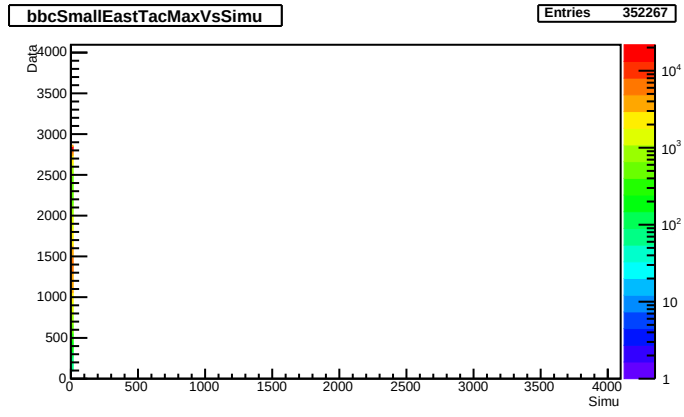

EQ3 QTC
Entries 4.955328e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.955328e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 516180


bbcSmallEastAdcSumVsSimu
Entries 352267
Data
Simu


bbcSmallEastTacMax
Entries 516180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Entries 352267
Data
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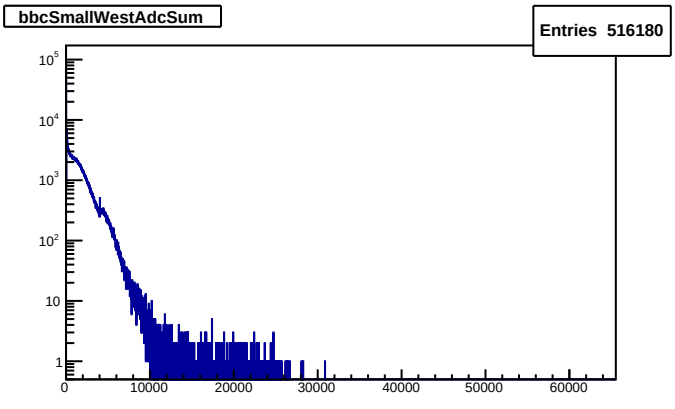
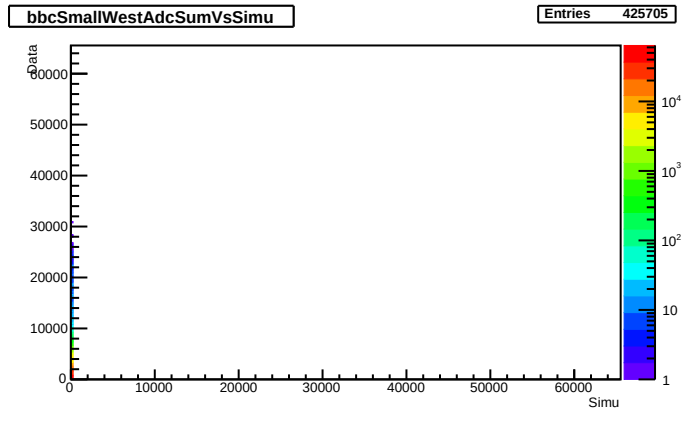

bbcSmallWestAdcSum
Entries 516180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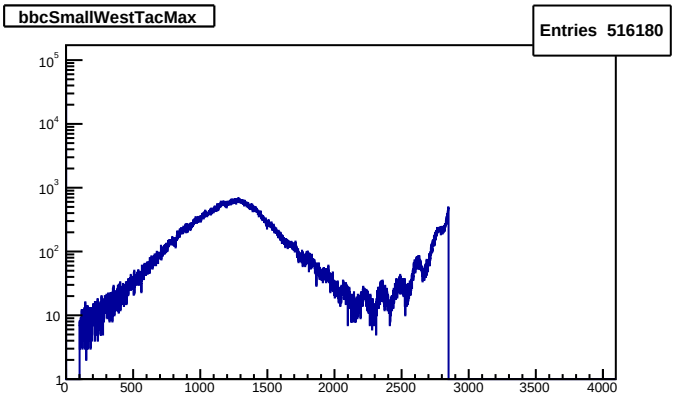
Entries 425705
Data
Simu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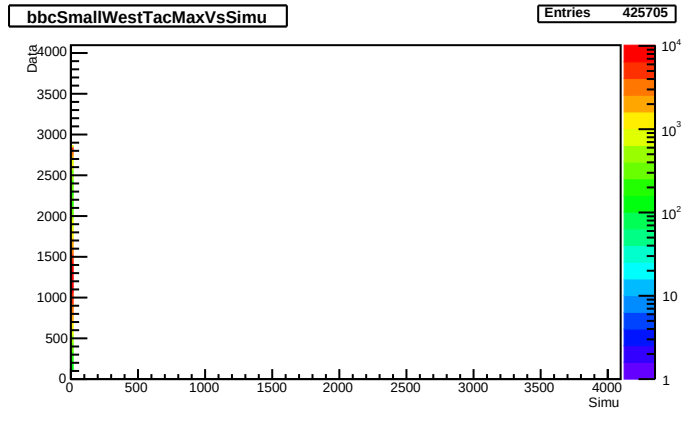
Entries 516180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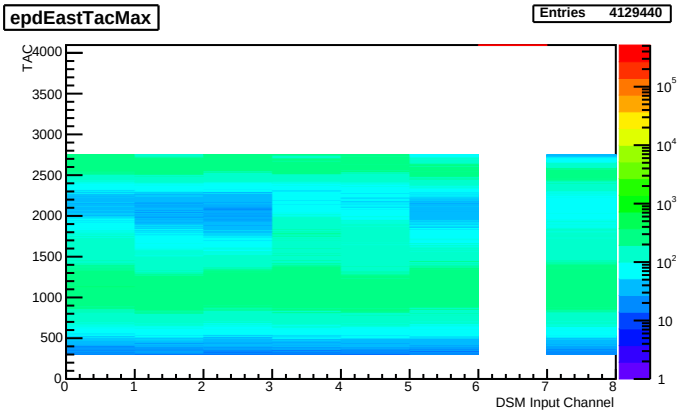
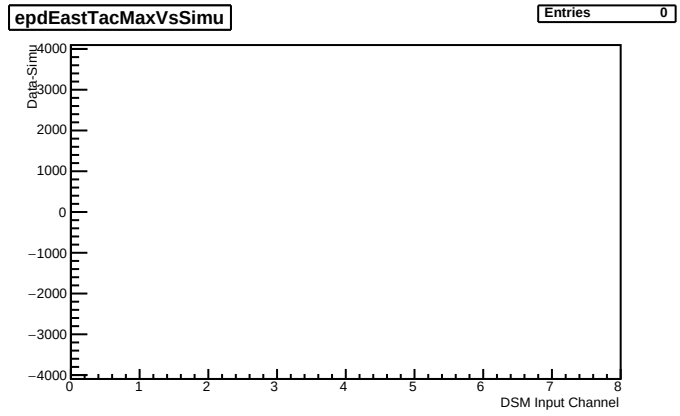
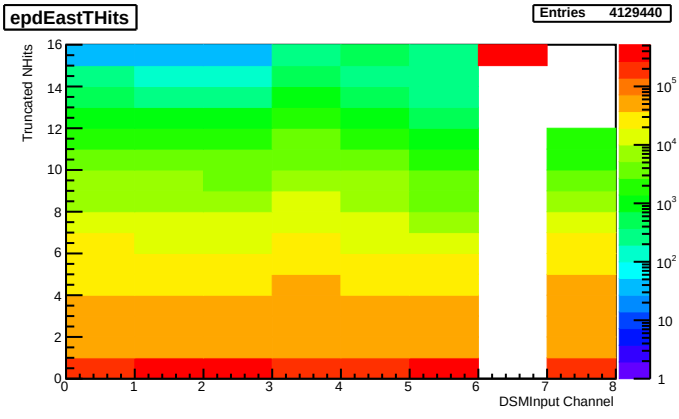
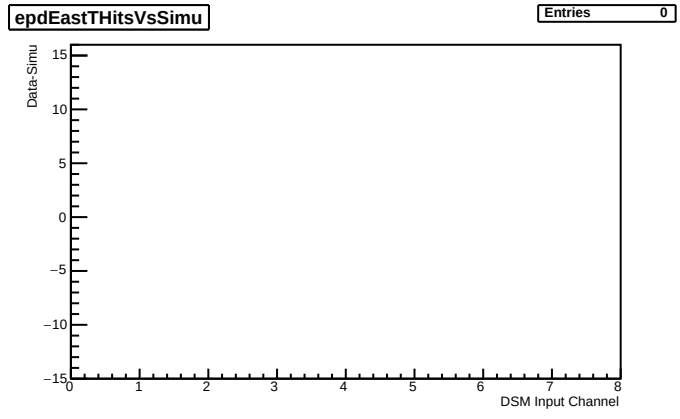
Entries 425705
Data
Simu


epdEastTacMax
Entries 4129440
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4129440
Truncated NHits
DSMInput Channel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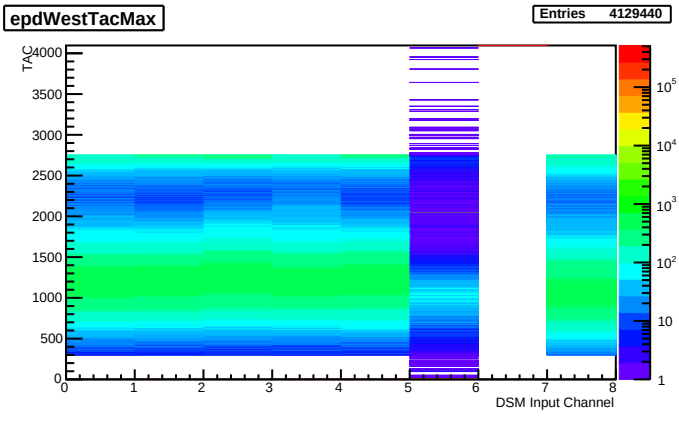
Data-Simu
DSM Input Channel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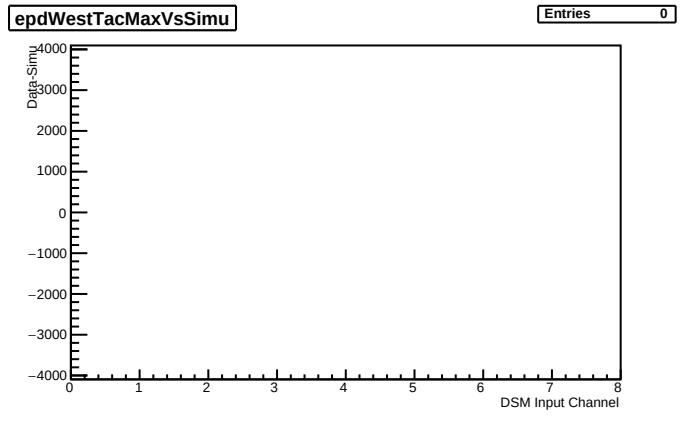
DSM Input Channel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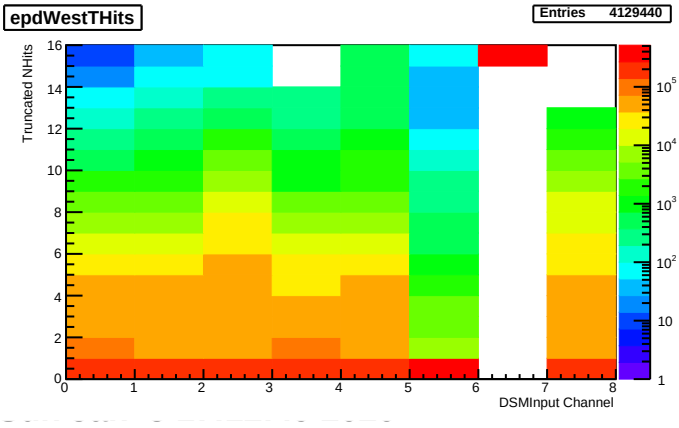
DSM Input Channel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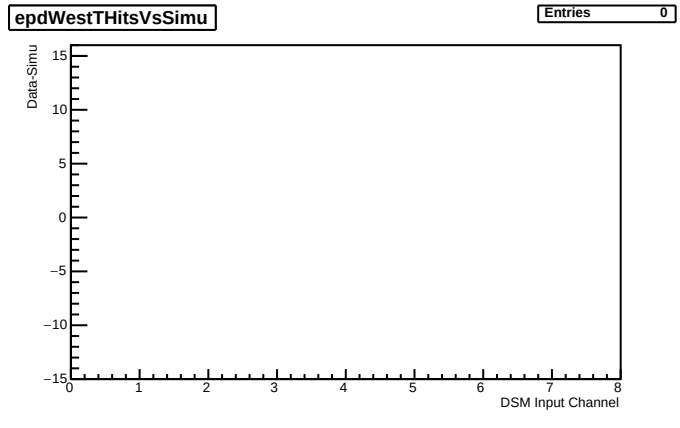
Entries 4129440
Truncated NHits
DSMInput Channel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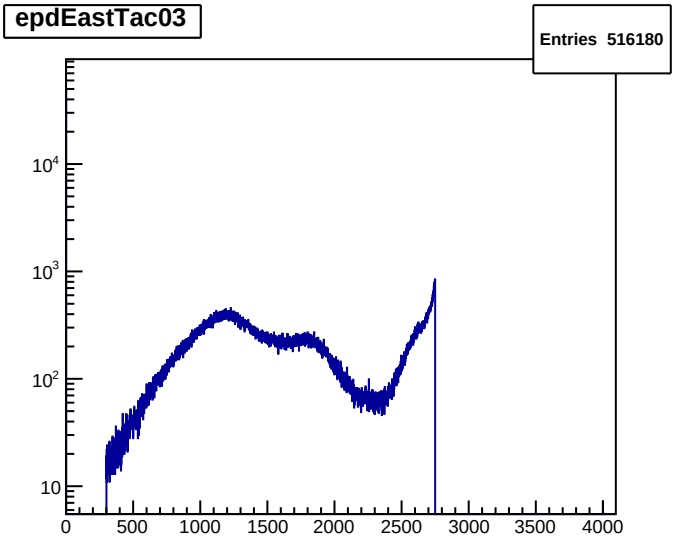
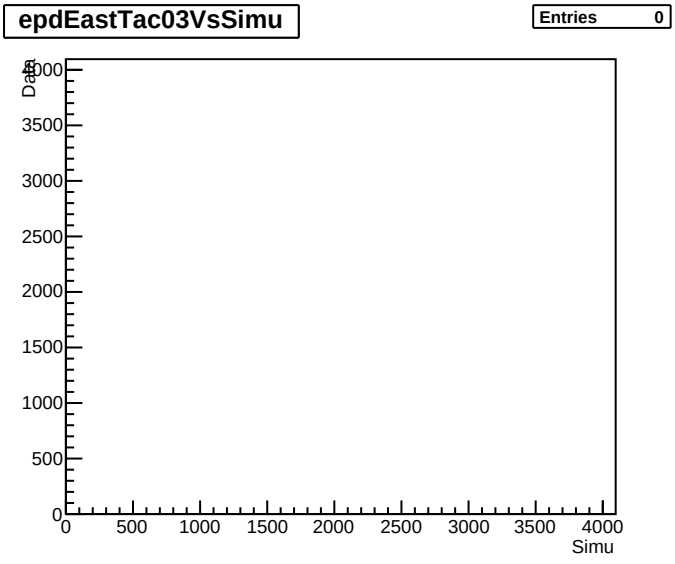
Data-Simu
DSM Input Channel


epdEastTac03
Entries 516180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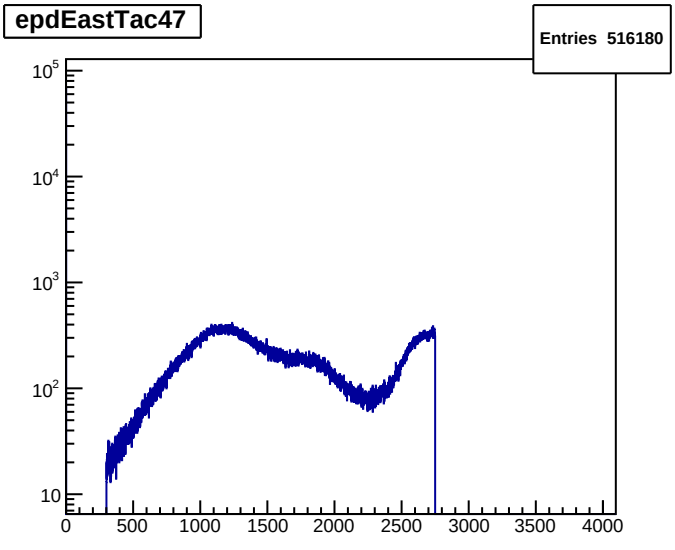
Entries 0
Data
Simu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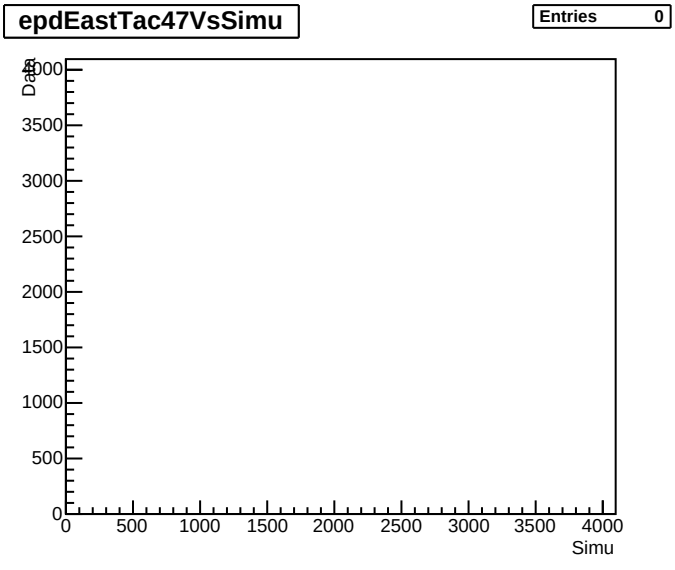
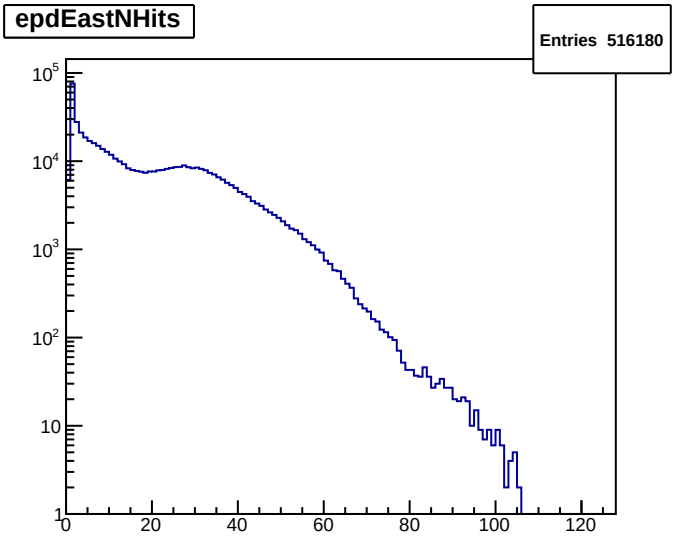
Entries 516180


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
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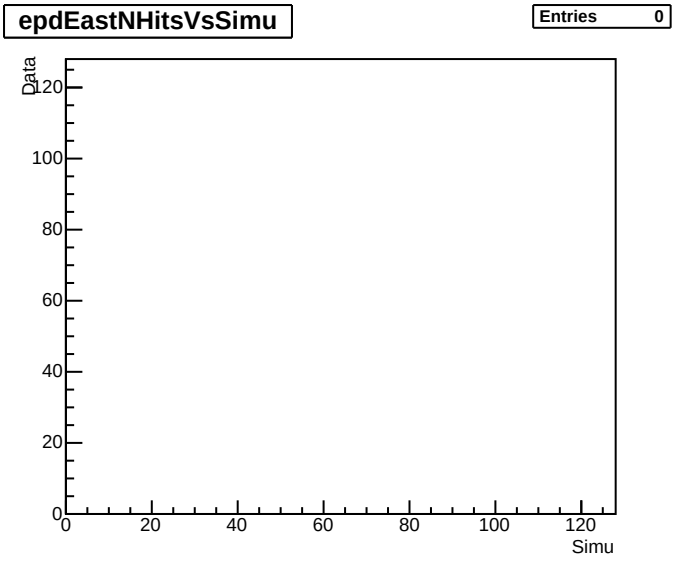
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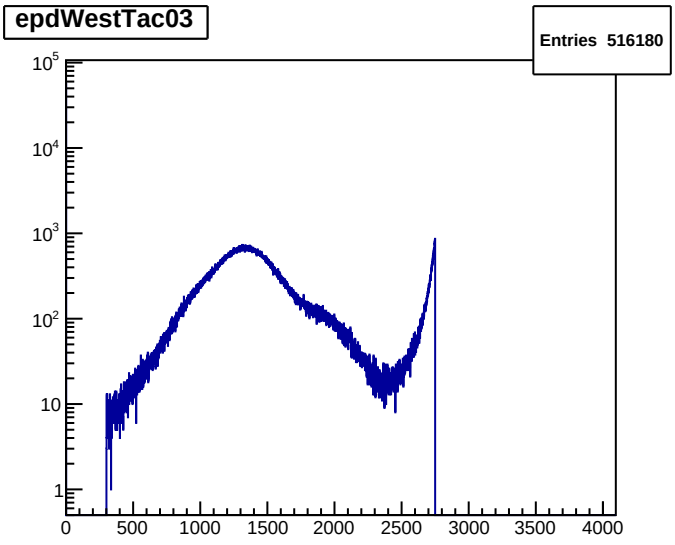
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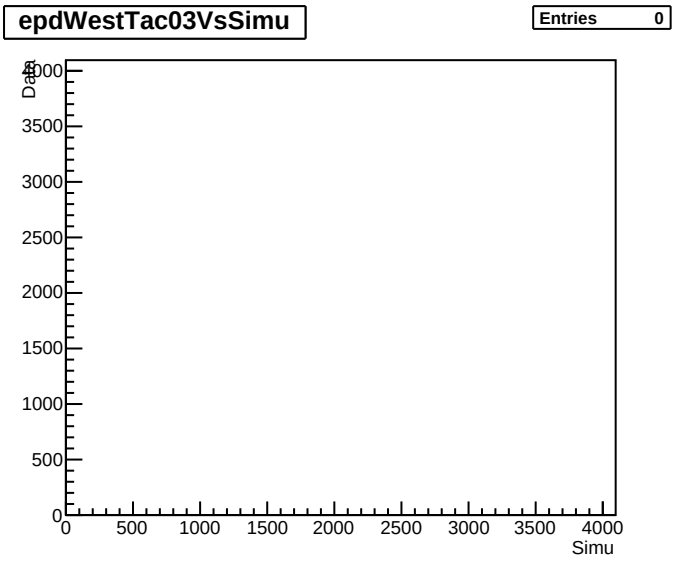
Entries 516180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Entries 0
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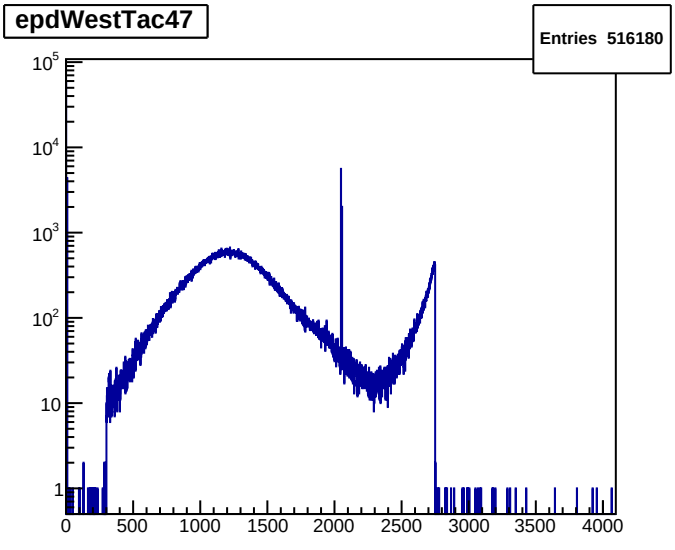
Simu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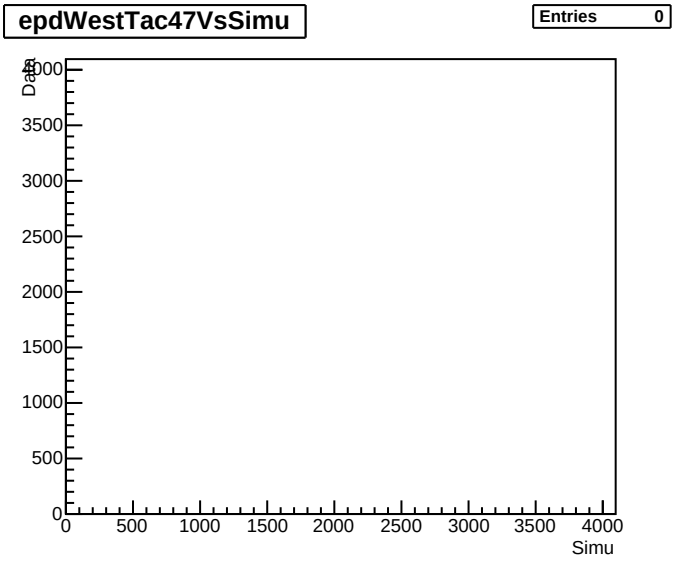
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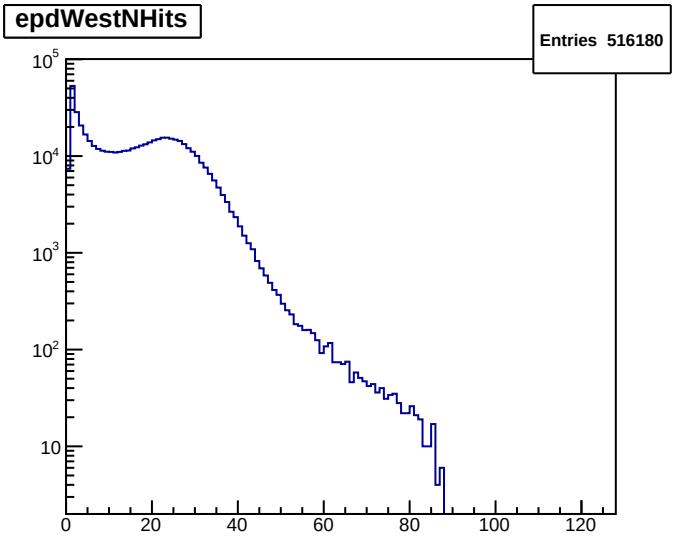
Data
Simu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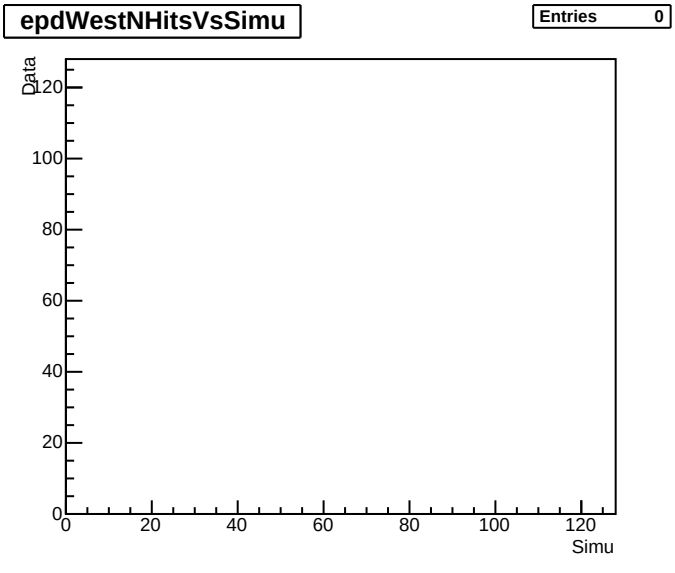
Entries 516180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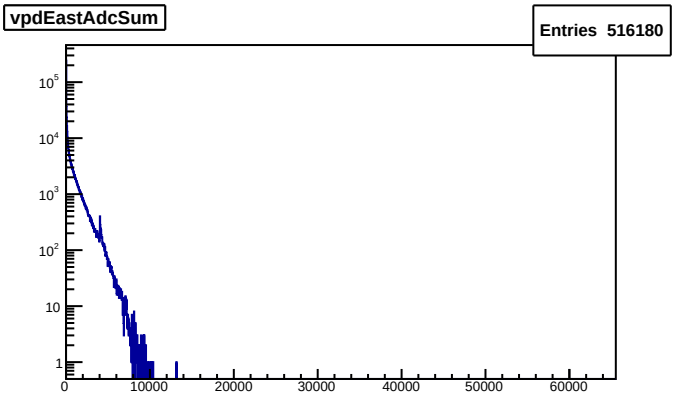
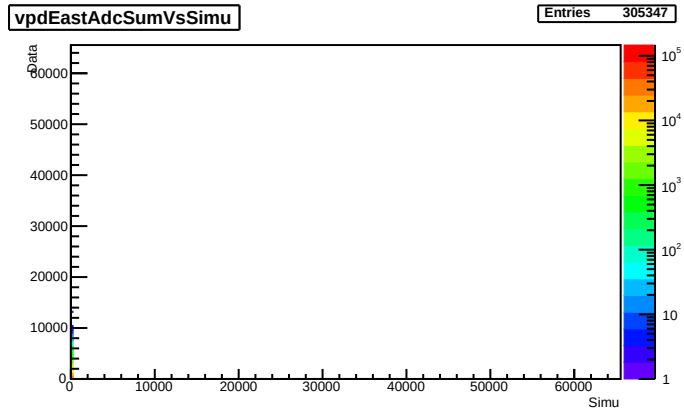
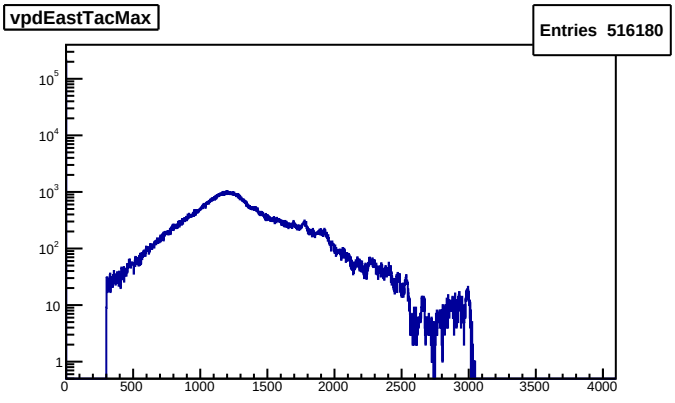
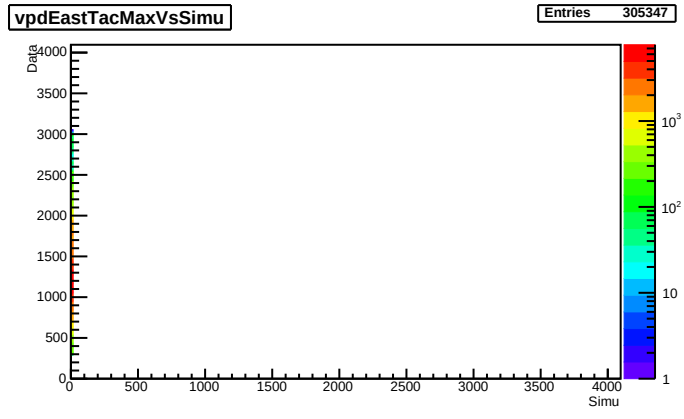
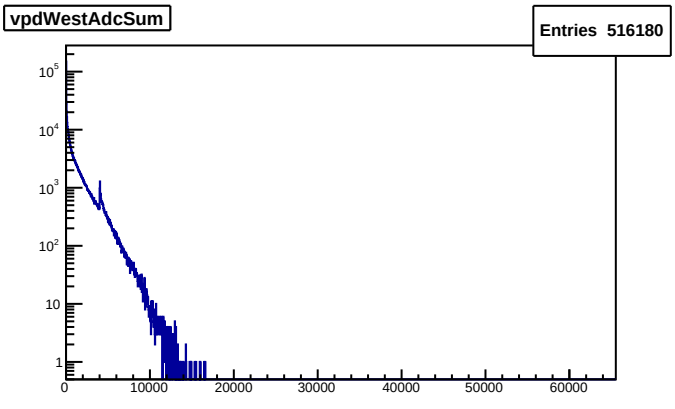
Entries 0
Data
Simu

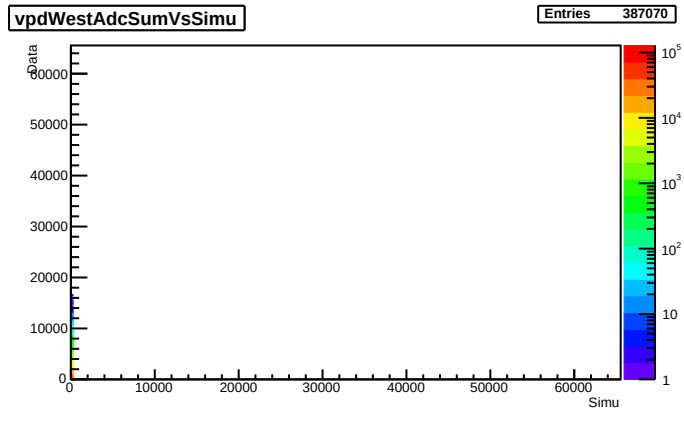

vpdEastAdcSum
Entries 516180

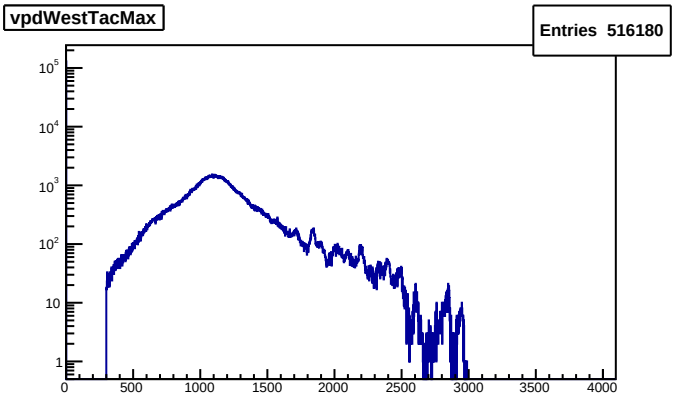

vpdEastAdcSumVsSimu
Entries 305347
Data
Simu

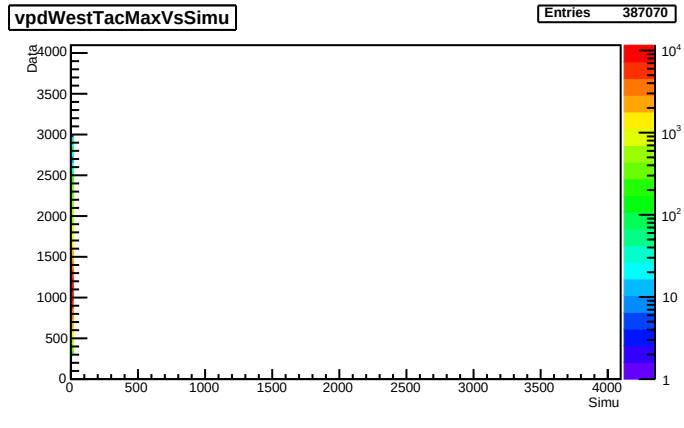

vpdEastTacMax
Entries 516180

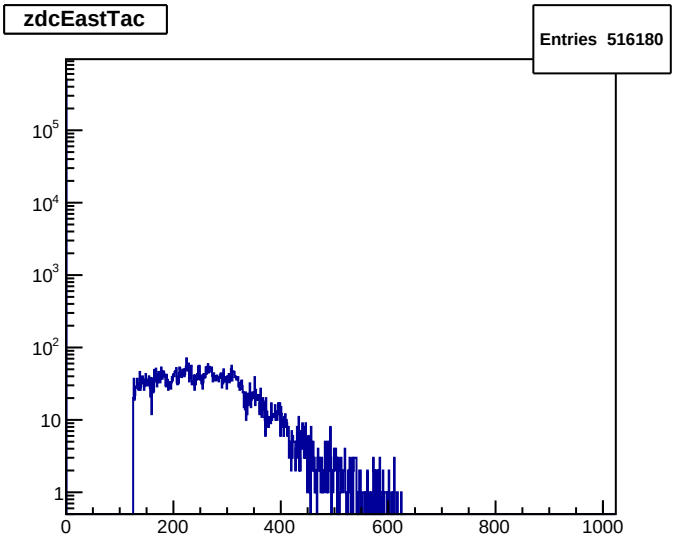

vpdEastTacMaxVsSimu
Entries 305347
Data
Simu

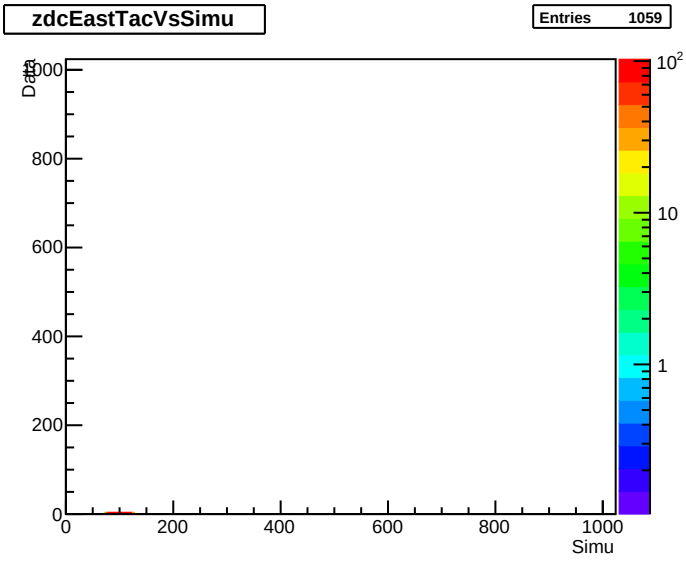

vpdWestAdcSum
Entries 516180

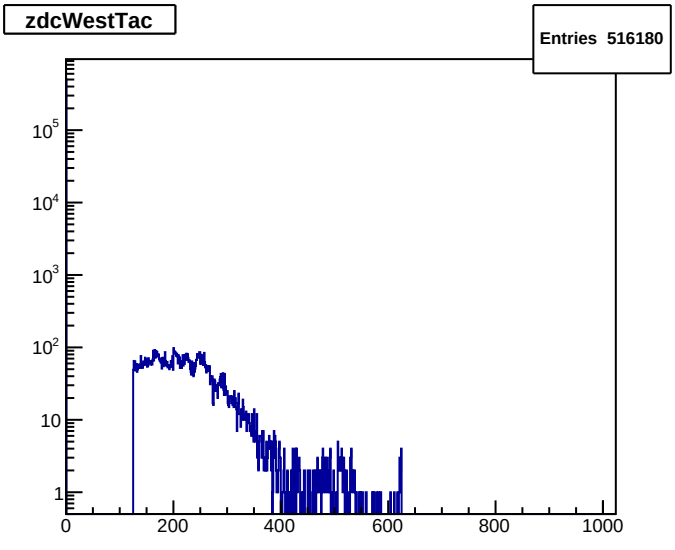

vpdWestAdcSumVsSimu
Entries 387070
Data
Simu

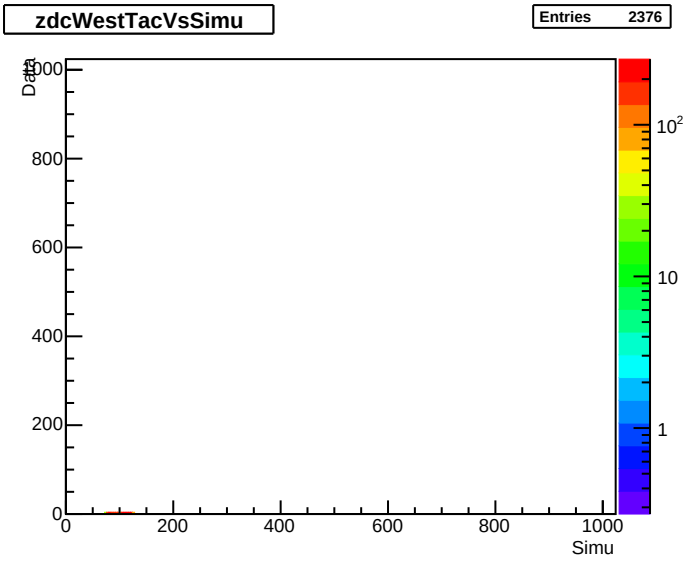

vpdWestTacMax
Entries 516180

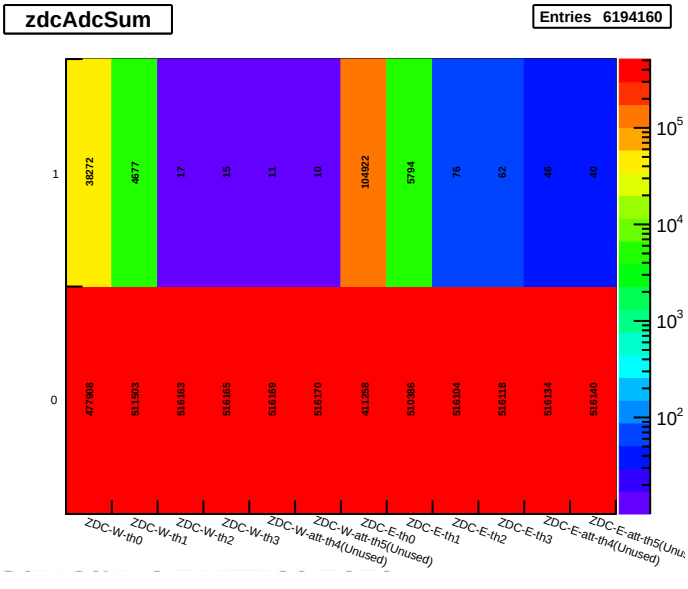

vpdWestTacMaxVsSimu
Entries 387070
Data
Simu

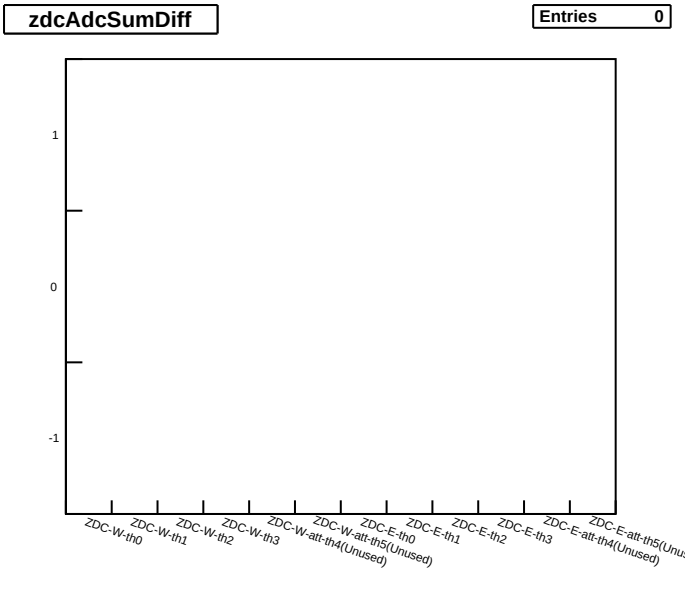

zdcEastTac
Entries 516180

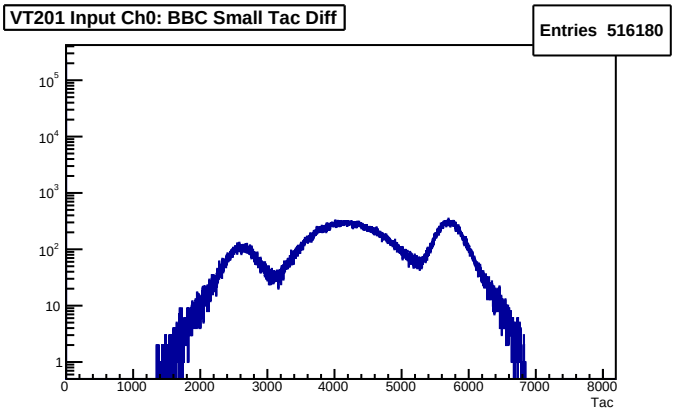

zdcEastTacVsSimu
Entries 1059
Data
Simu

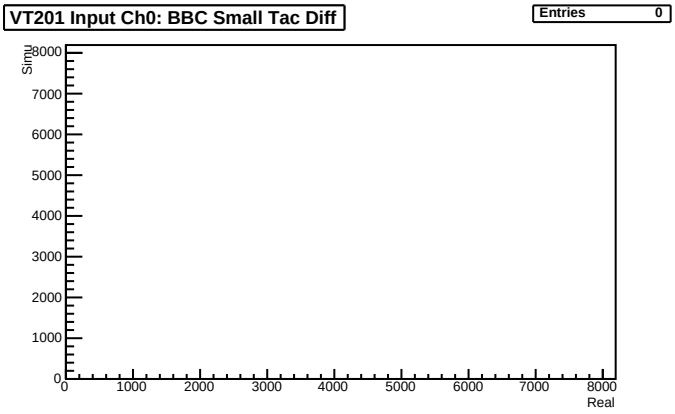

zdcWestTac
Entries 516180

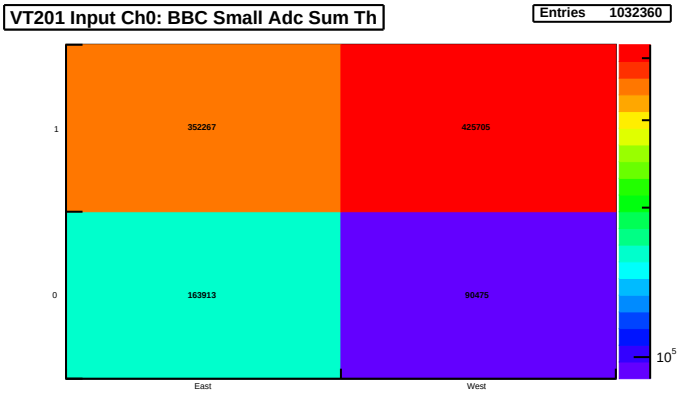

zdcWestTacVsSimu
Entries 2376
Data
Simu

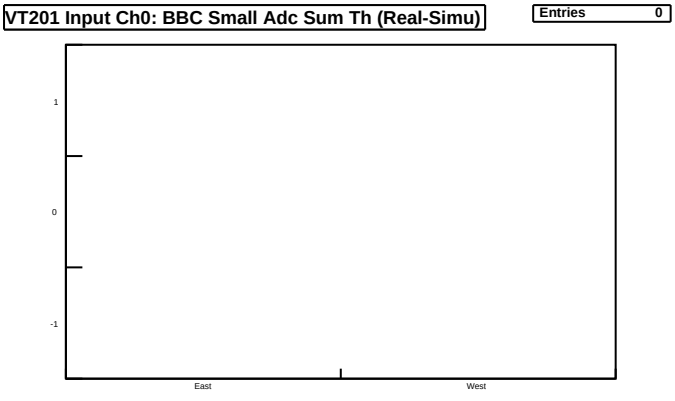

zdcAdcSum
Entries 6194160
38272
4677
17
15
11
10
104922
5794
76
62
46
40
477908
511503
516163
516165
516169
516170
411258
510386
516104
516118
516134
516140
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

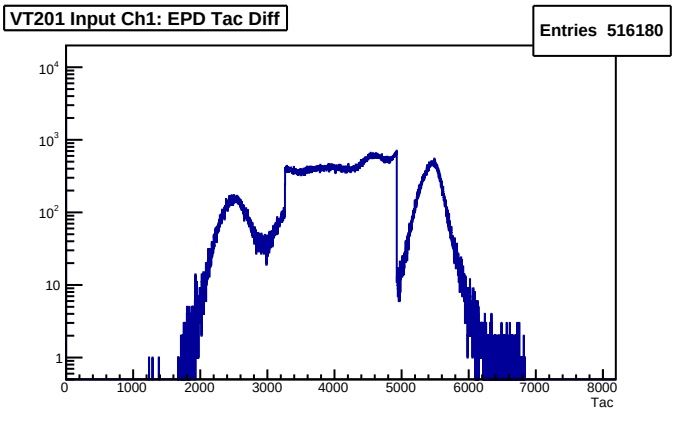

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

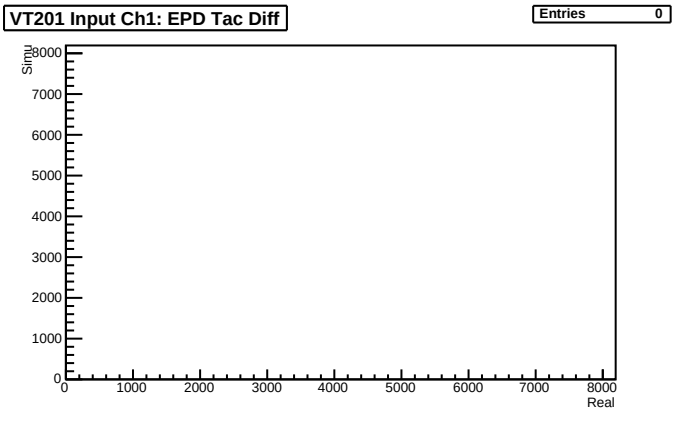

VT201 Input Ch0: BBC Small Tac Diff
Entries 516180
Tac

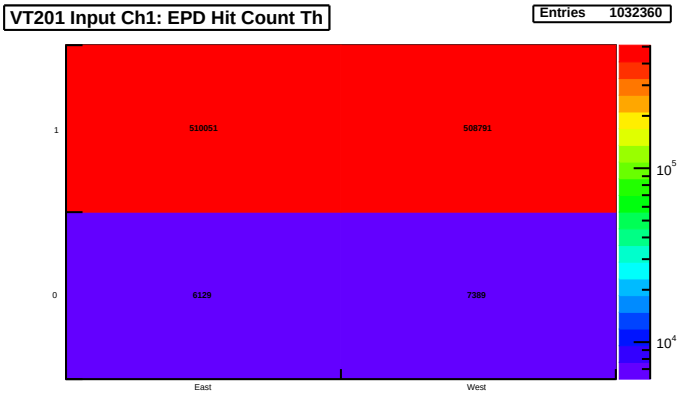

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

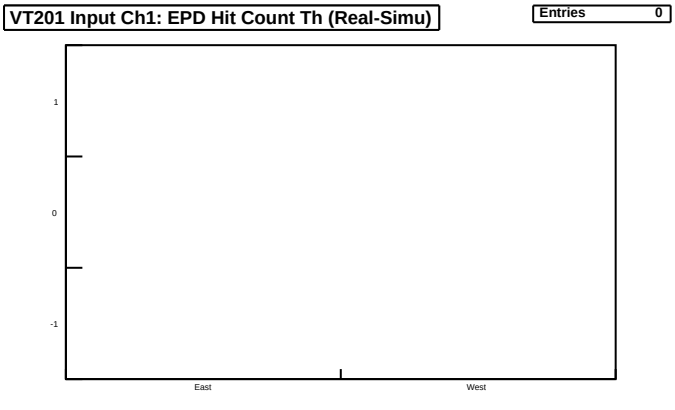

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1032360
352267
425705
163913
90475
East
West

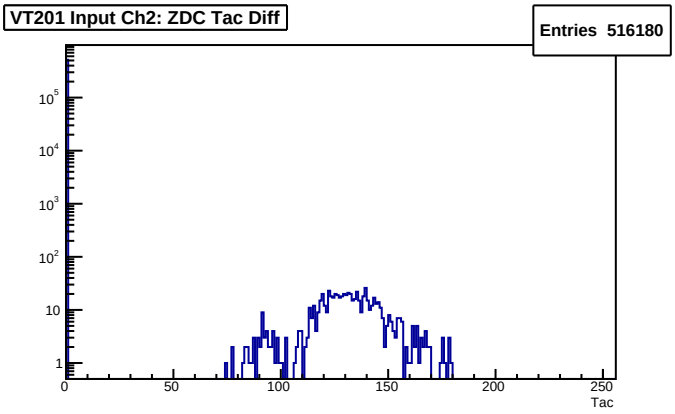

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

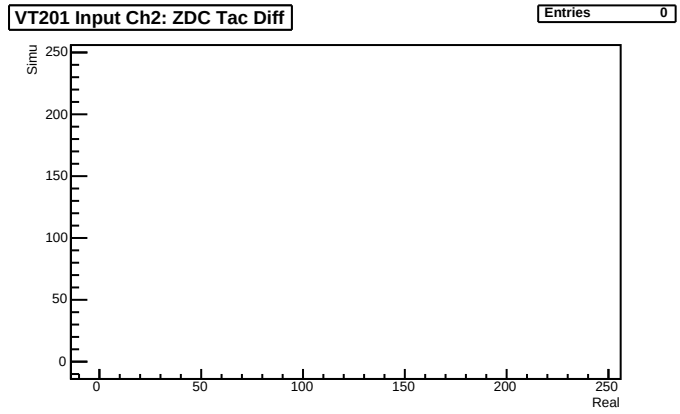

VT201 Input Ch1: EPD Tac Diff
Entries 516180
Tac

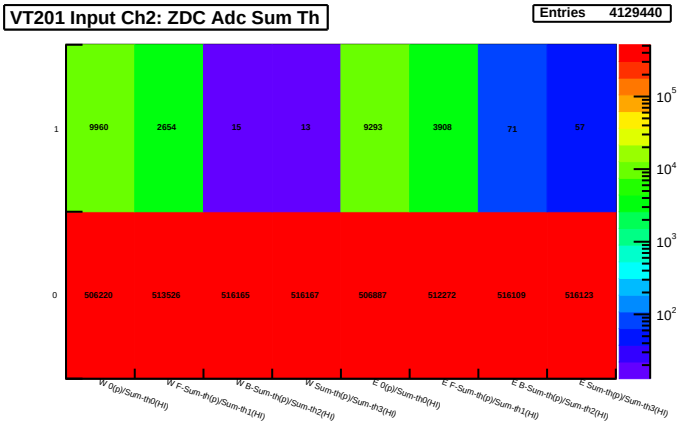

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

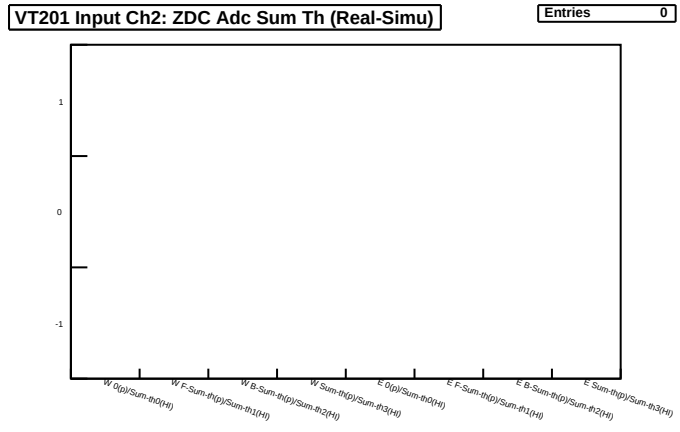

VT201 Input Ch1: EPD Hit Count Th
Entries 1032360
510051
508791
6129
7389
East
West

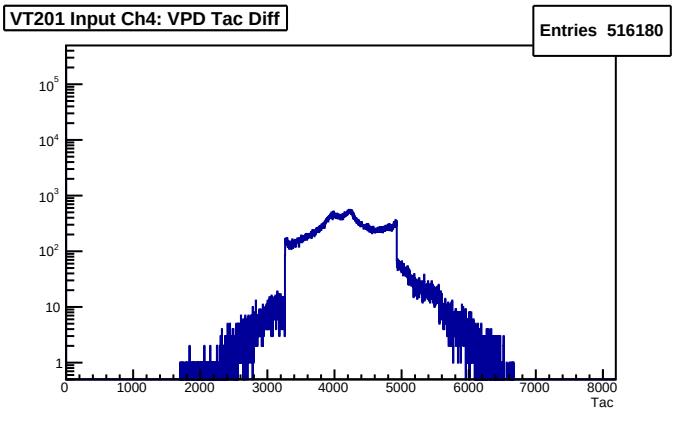

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

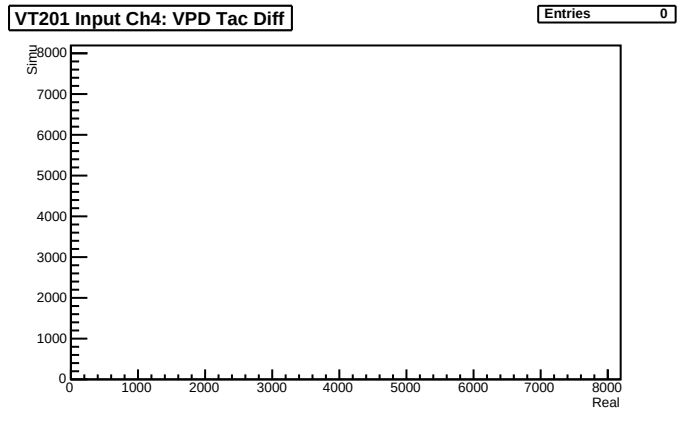

VT201 Input Ch2: ZDC Tac Diff
Entries 516180
Tac

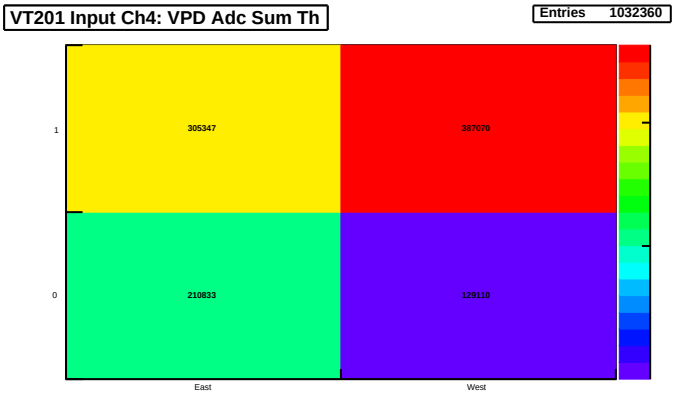

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

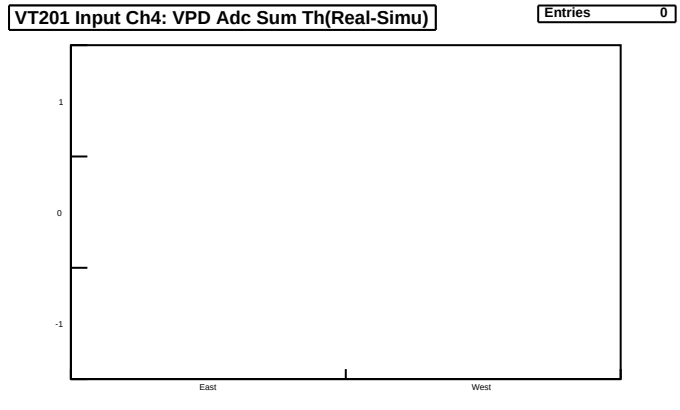

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4129440
9960
2654
15
13
9293
3908
71
57
506220
513526
516165
516167
506887
512272
516109
516123
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

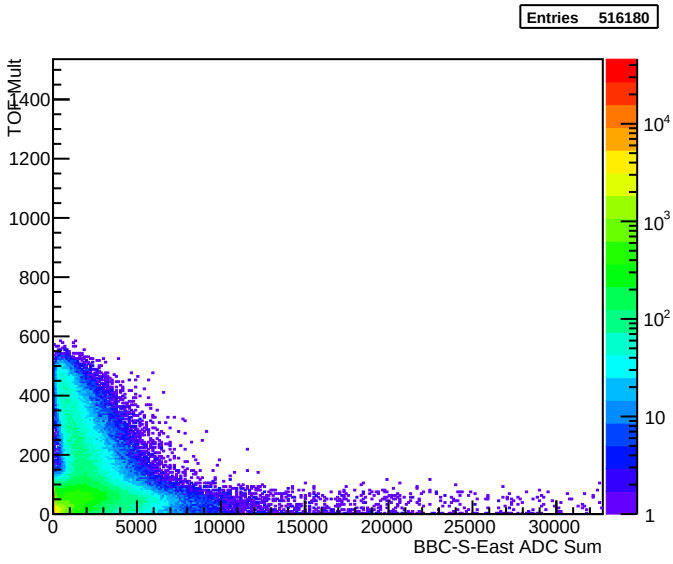

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

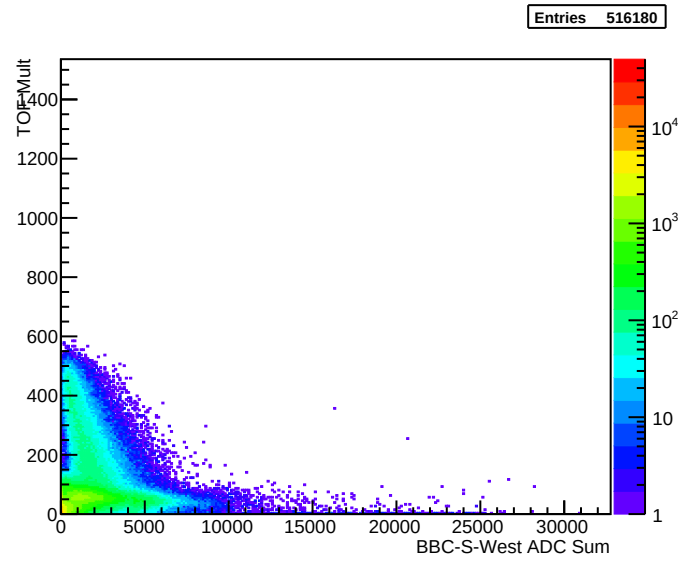

VT201 Input Ch4: VPD Tac Diff
Entries 516180
Tac

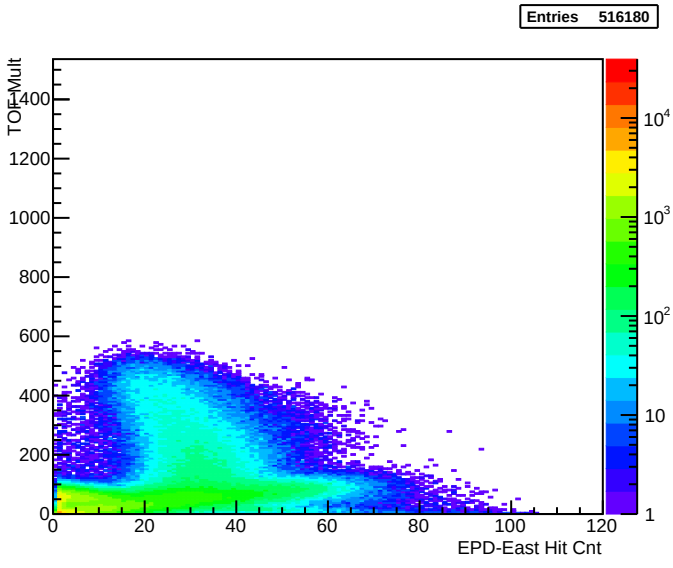

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

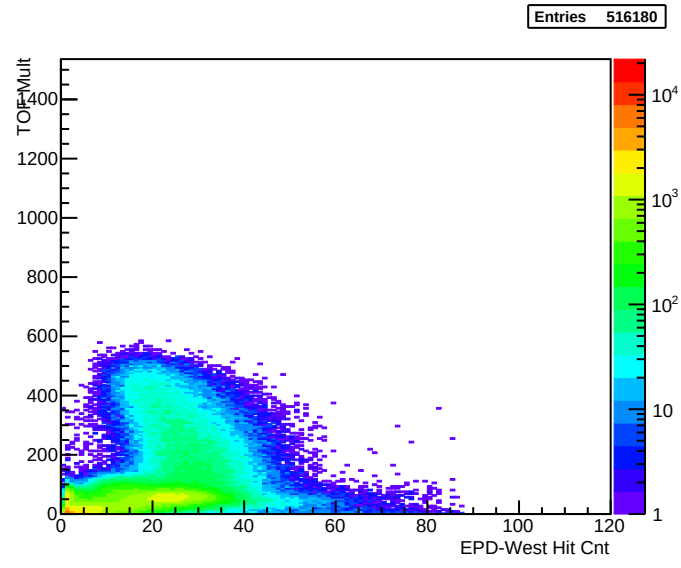

VT201 Input Ch4: VPD Adc Sum Th
Entries 1032360
305347
387070
210833
129110
East
West

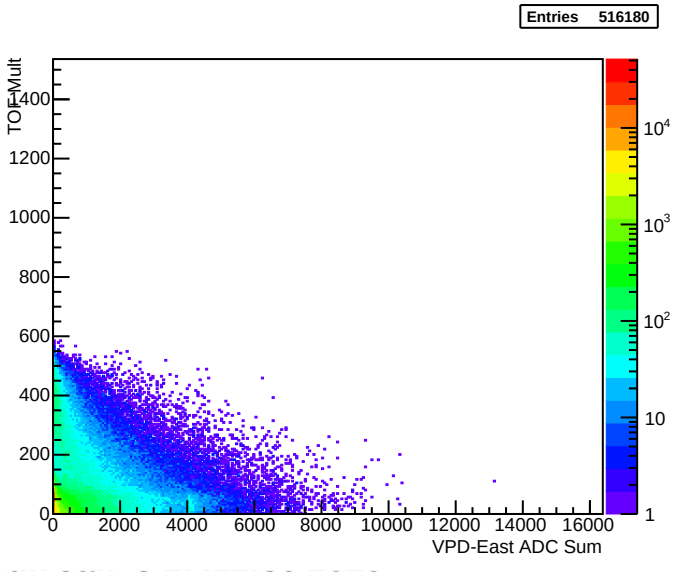

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

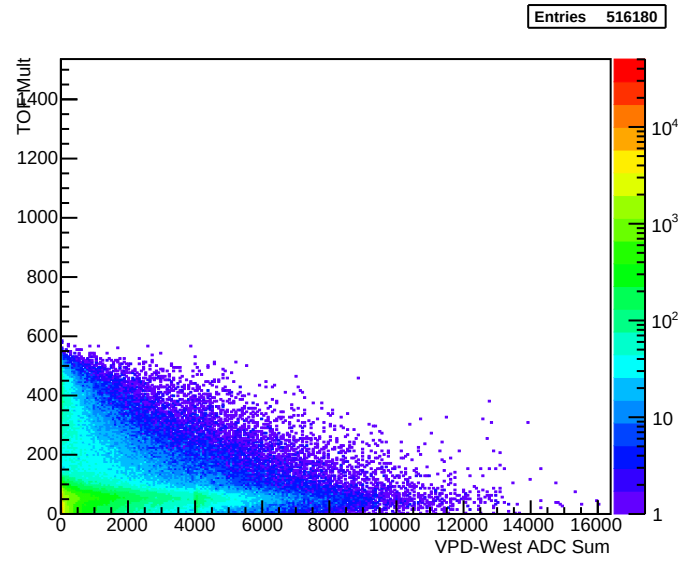

Entries 516180
TOF-Mult
BBC-S-East ADC Sum

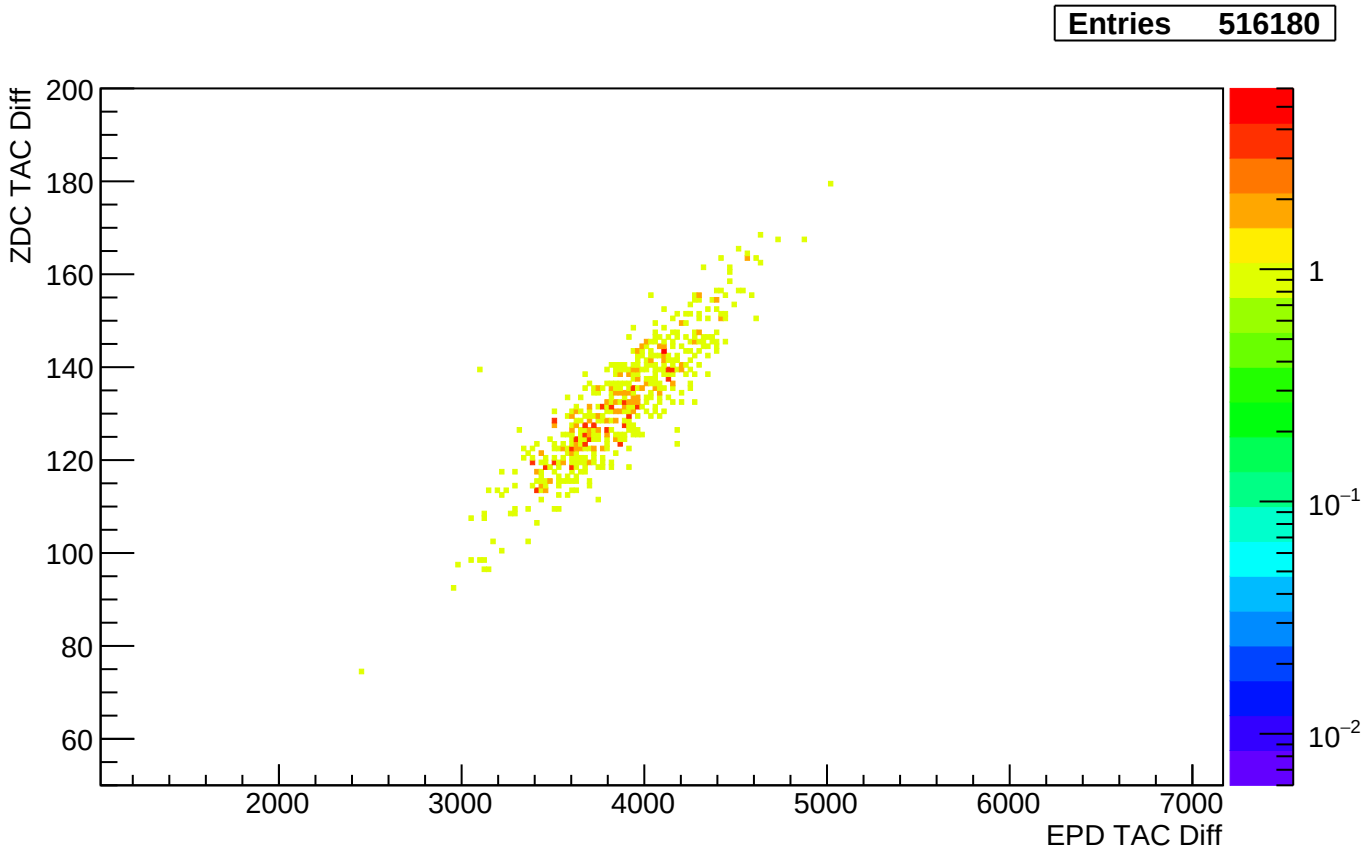

Entries 516180
TOF-Mult
BBC-S-West ADC Sum

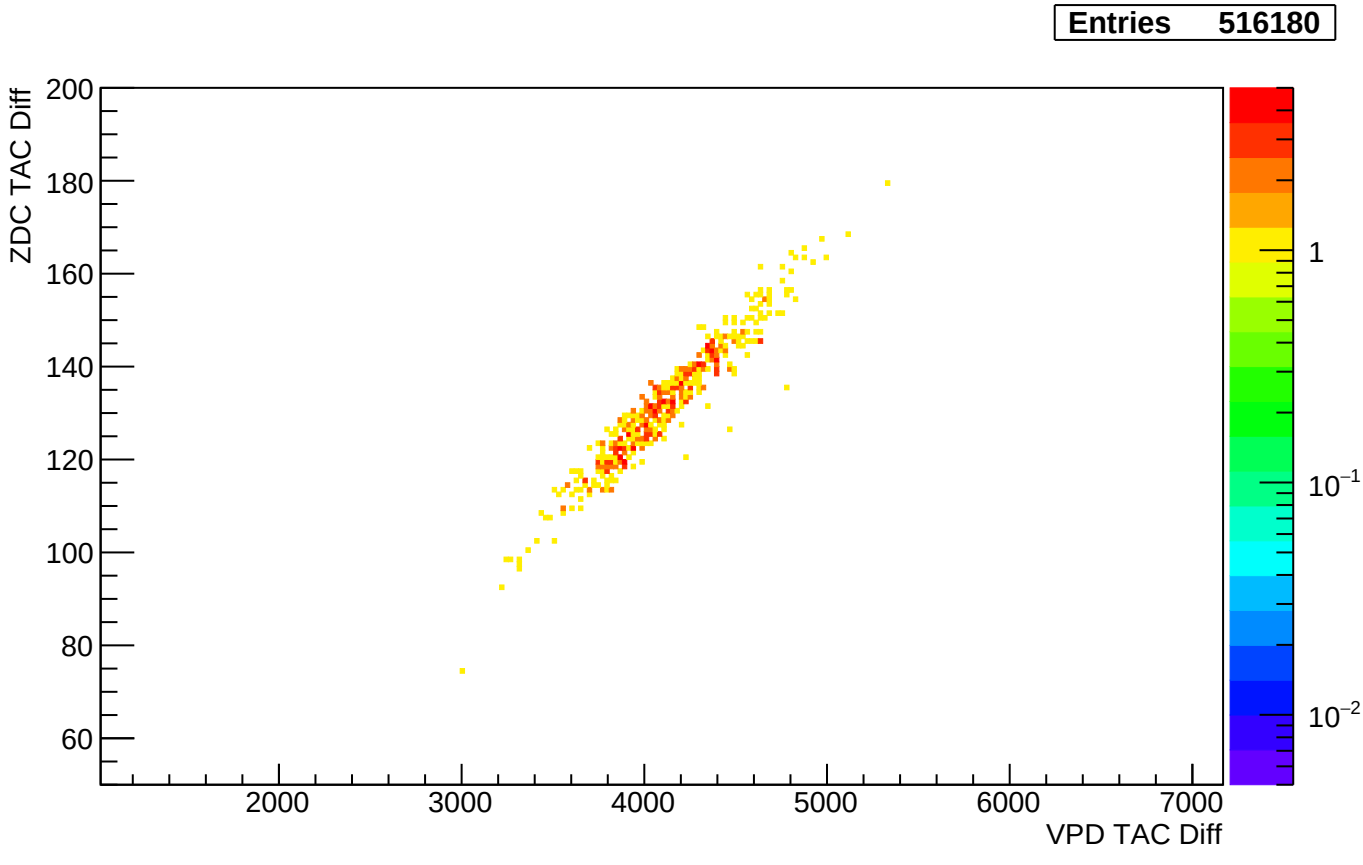

Entries 516180
TOF-Mult
EPD-East Hit Cnt

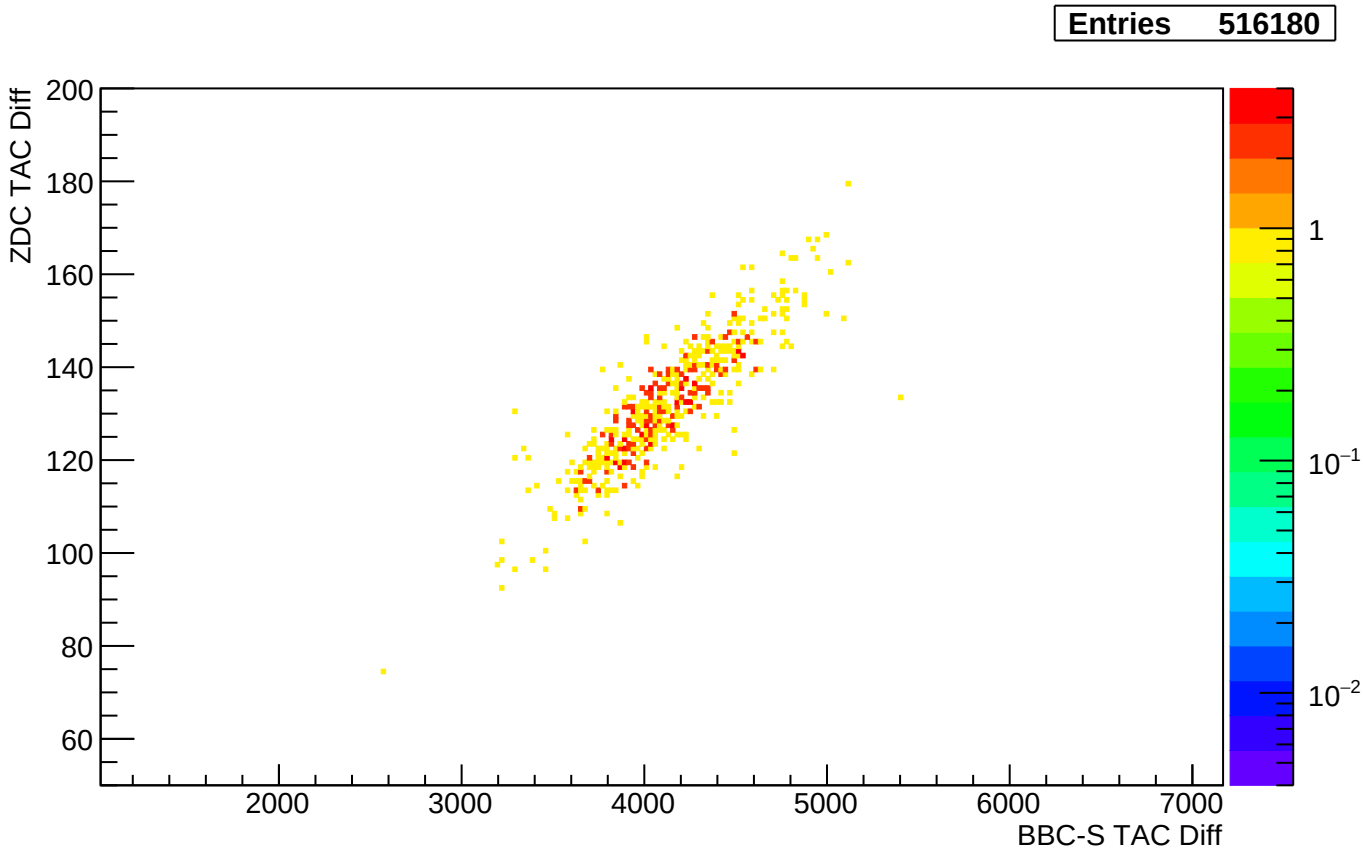

Entries 516180
TOF-Mult
EPD-West Hit Cnt

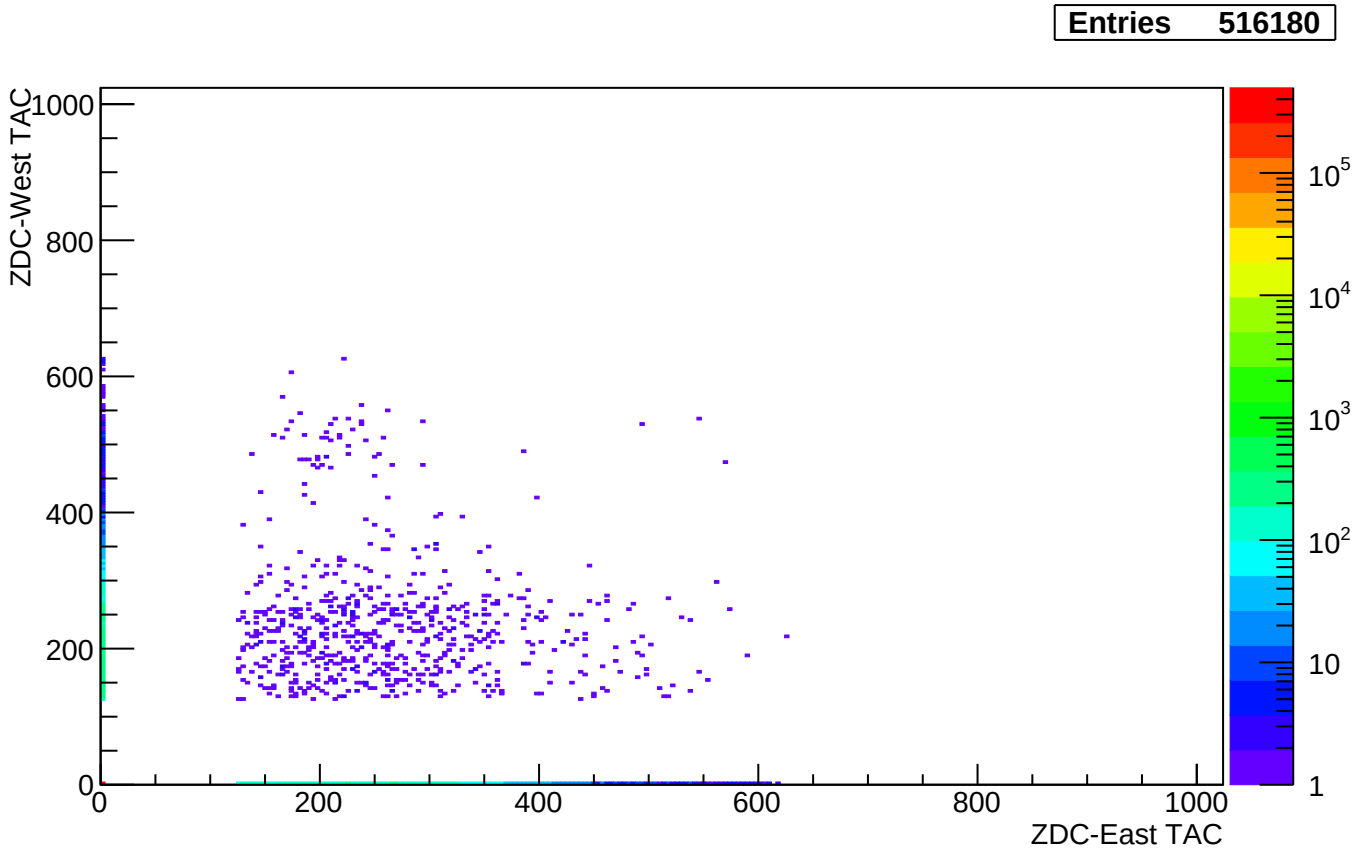

Entries 516180
TOF-Mult
VPD-East ADC Sum

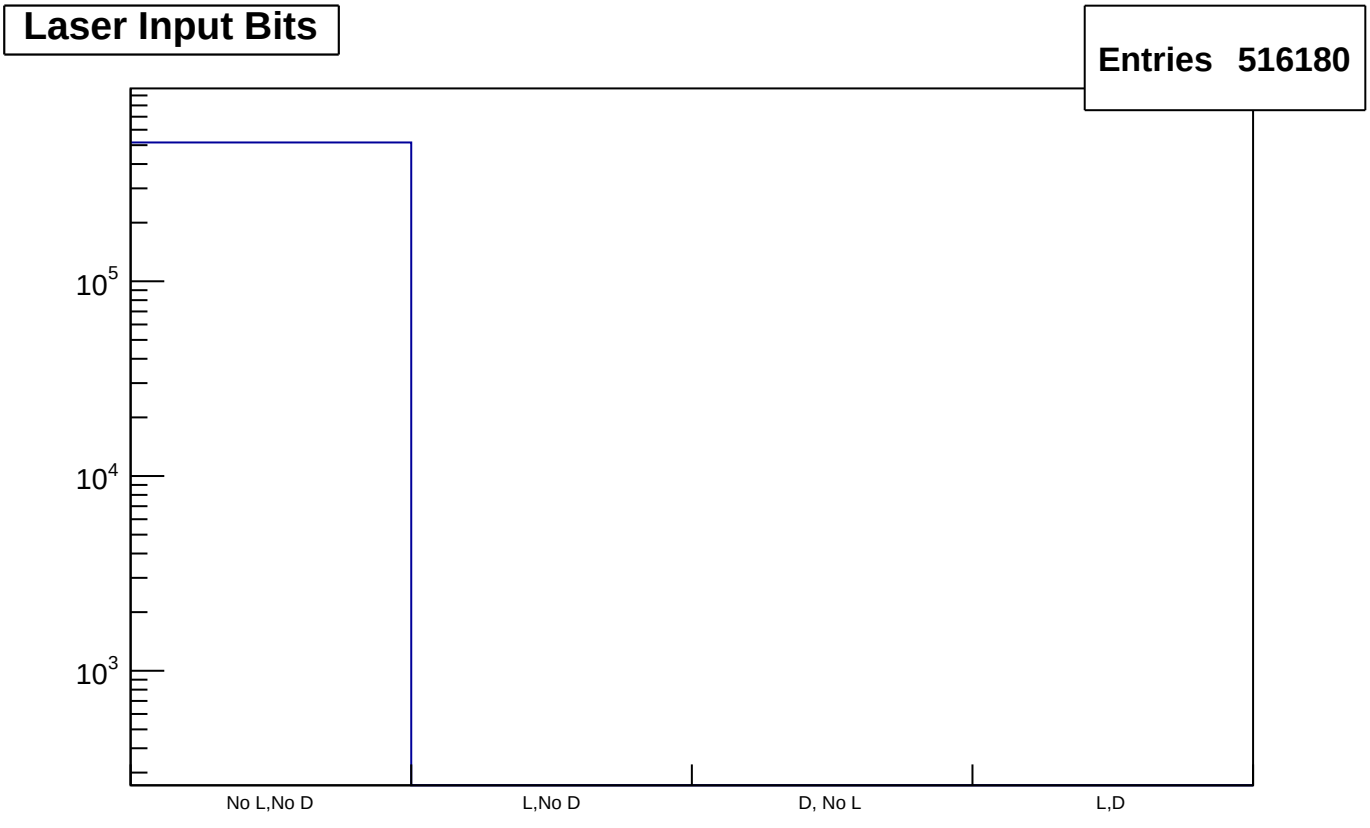

Entries 516180
TOF-Mult
VPD-West ADC Sum

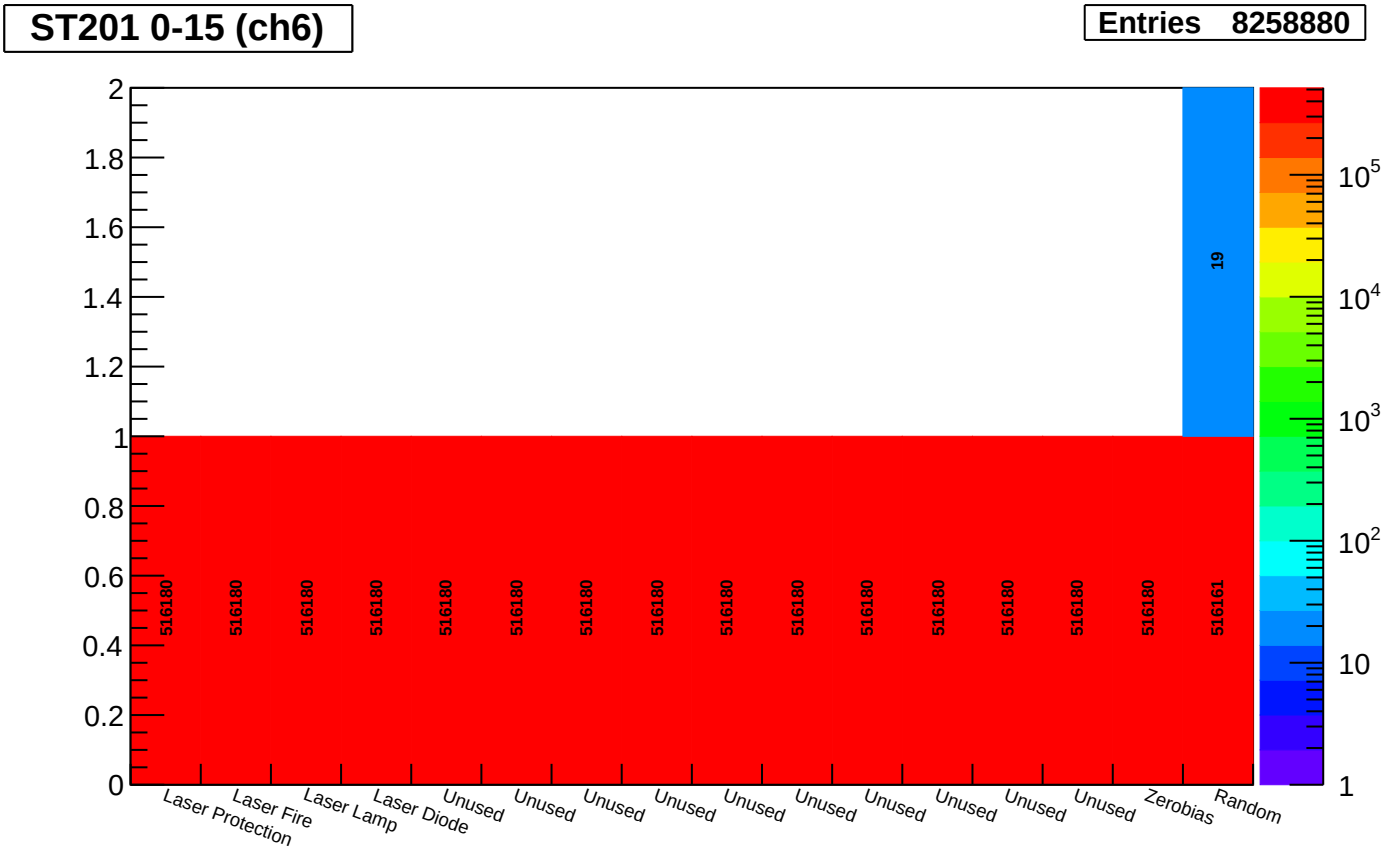

Entries 516180
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

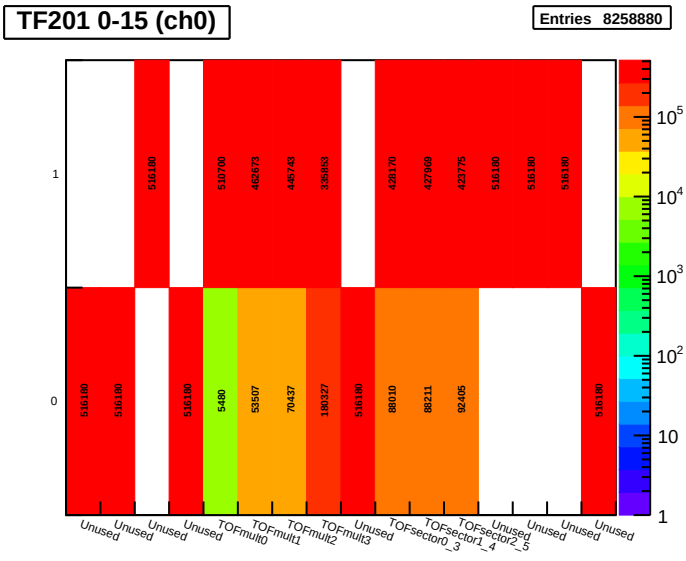

Entries 516180
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

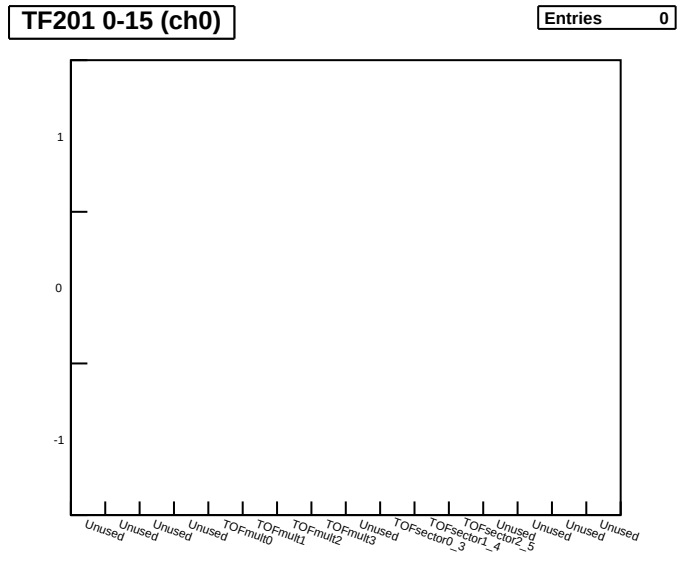

Entries 516180
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

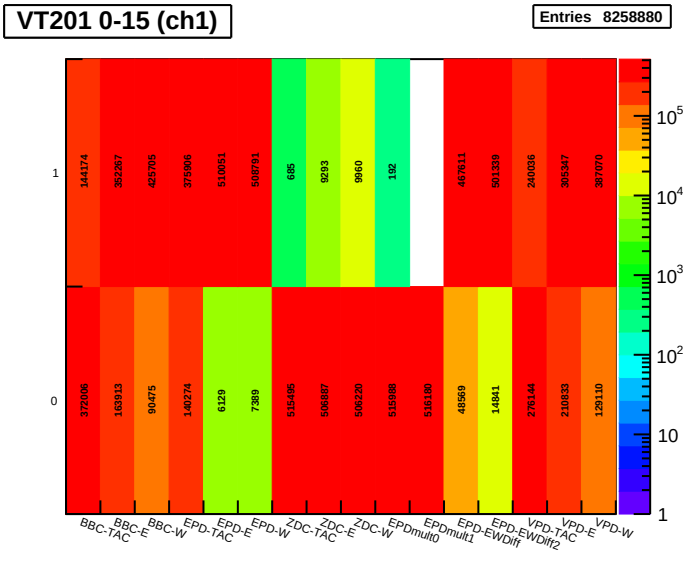

Entries 516180
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

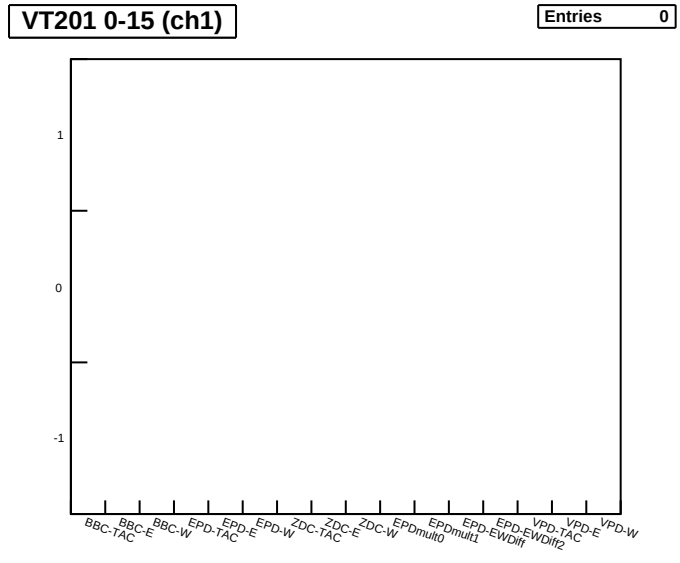

Laser Input Bits
Entries 516180
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

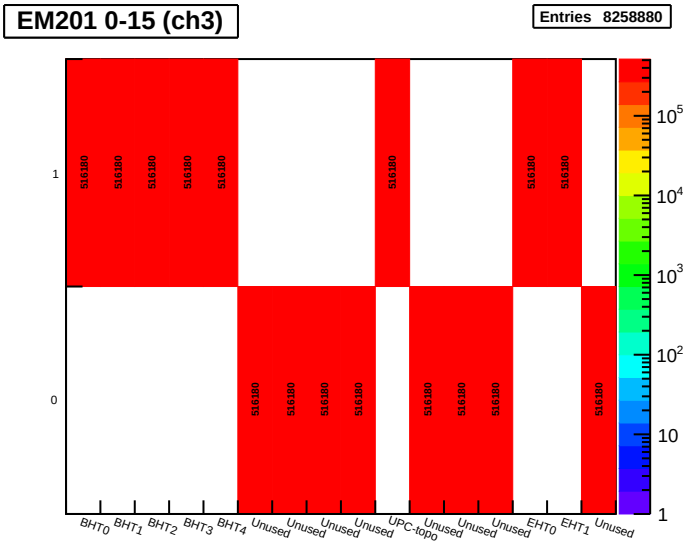

ST201 0-15 (ch6)
Entries 8258880
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
19
516180
516180
516180
516180
516180
516180
516180
516180
516180
516180
516180
516180
516180
516180
516180
516161
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

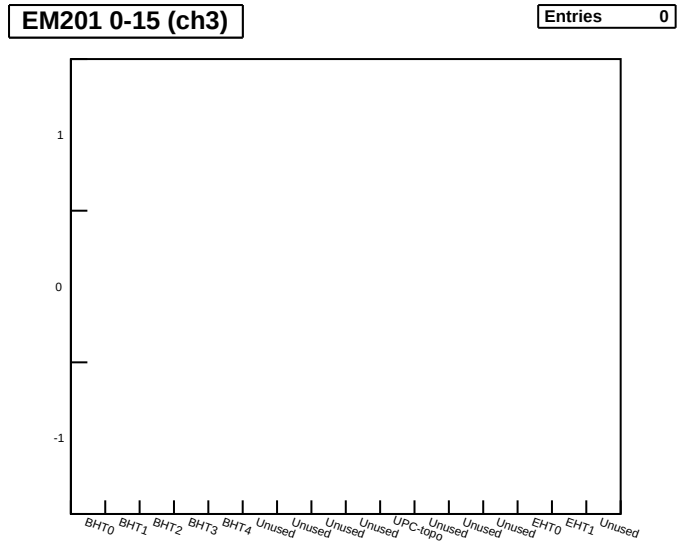

TF201 0-15 (ch0)
Entries 8258880
1
0
516180 510700 462673 445743 335853 428170 427969 423775 516180 516180 516180
516180 516180 516180 5480 53507 70437 180327 516180 88010 88211 92405 516180
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 8258880
1
0
144174 352267 425705 375906 510051 508791 685 9293 9960 132 467611 501339 240056 305347 387070
372006 163913 90475 140274 6129 7389 515495 506887 506220 515988 516180 48569 14841 276144 210833 129110
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 8258880
1
0
516180 516180 516180 516180 516180 516180 516180 516180
516180 516180 516180 516180 516180 516180 516180 516180
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