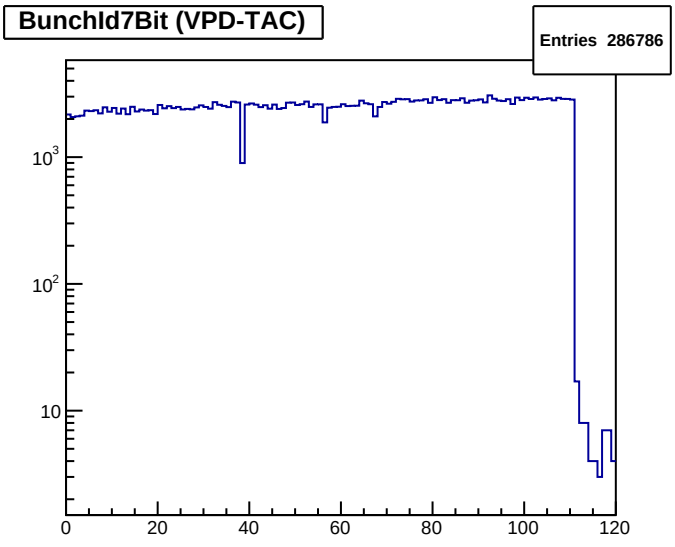
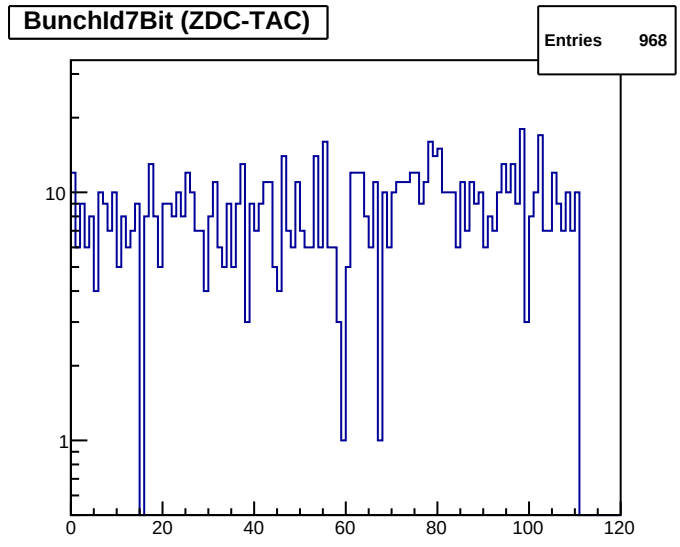
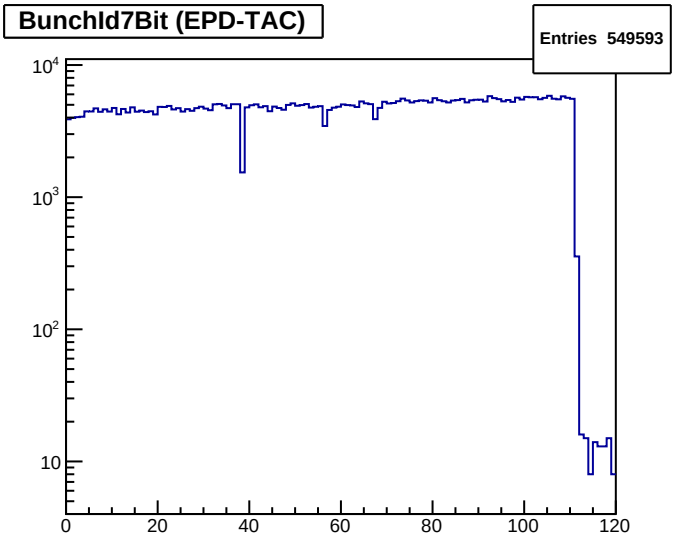
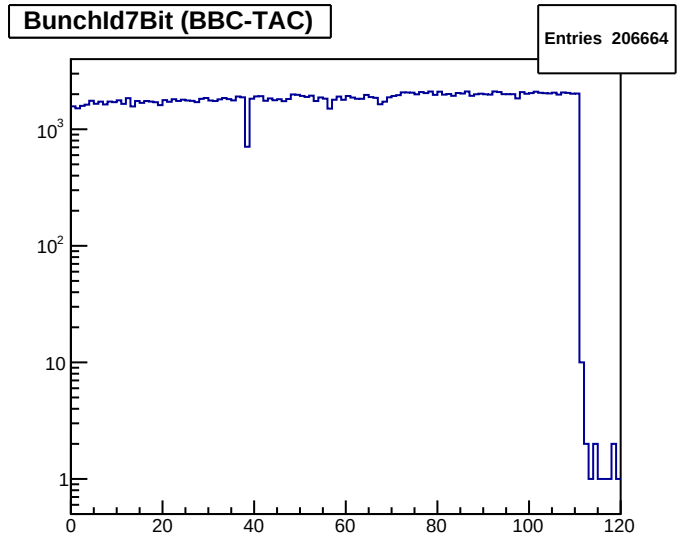
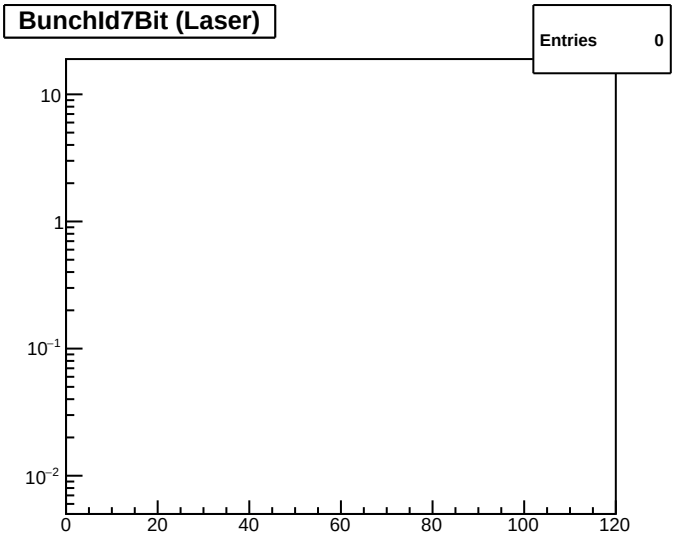
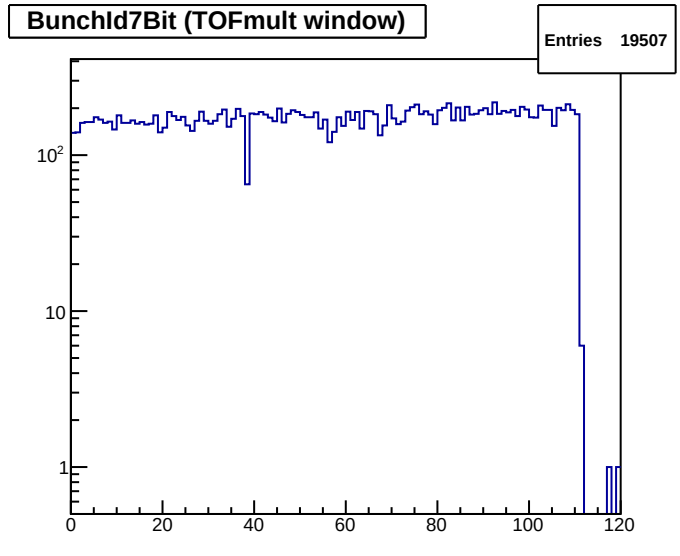

BunchId7Bit (VPD-TAC)
Entries 286786

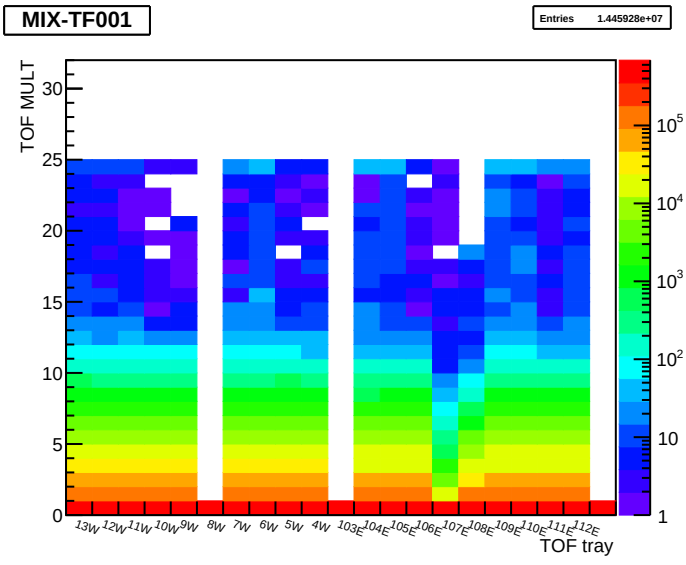

BunchId7Bit (ZDC-TAC)
Entries 968

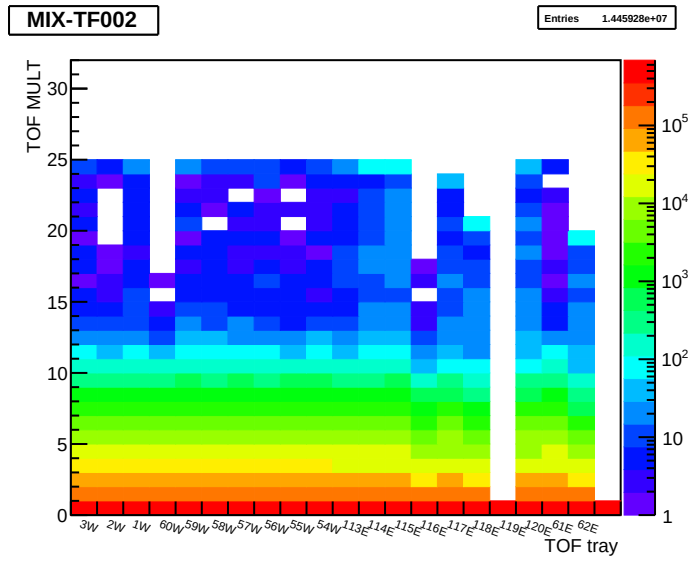

BunchId7Bit (EPD-TAC)
Entries 549593

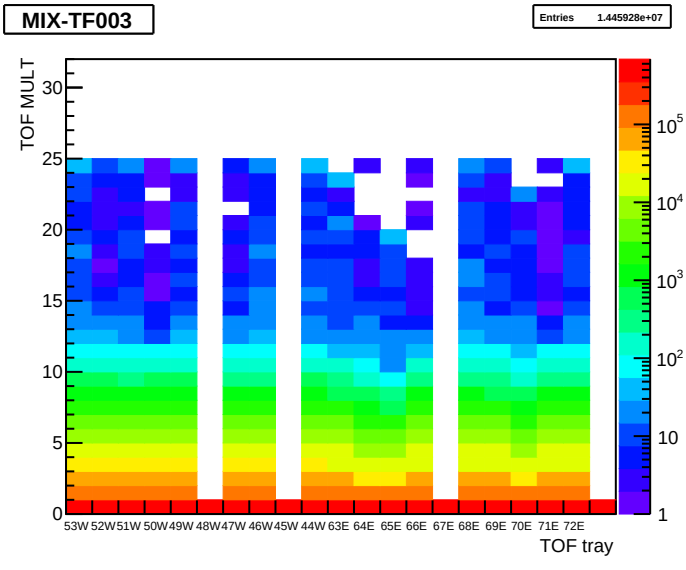

BunchId7Bit (BBC-TAC)
Entries 206664

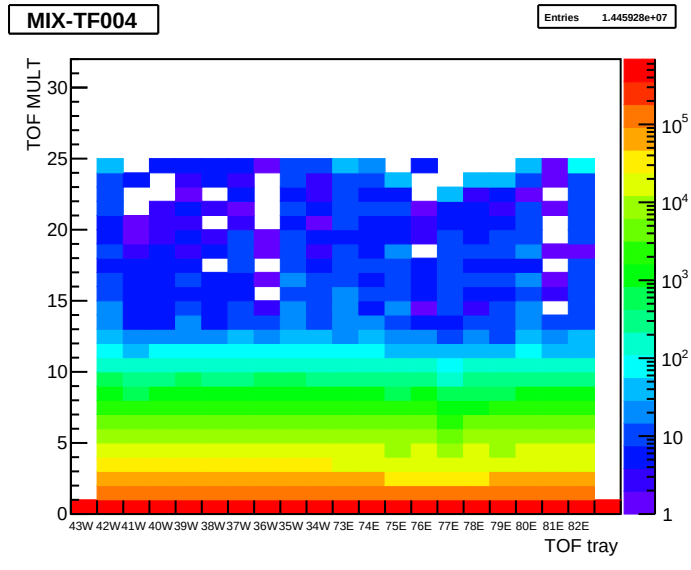

BunchId7Bit (Laser)
Entries 0

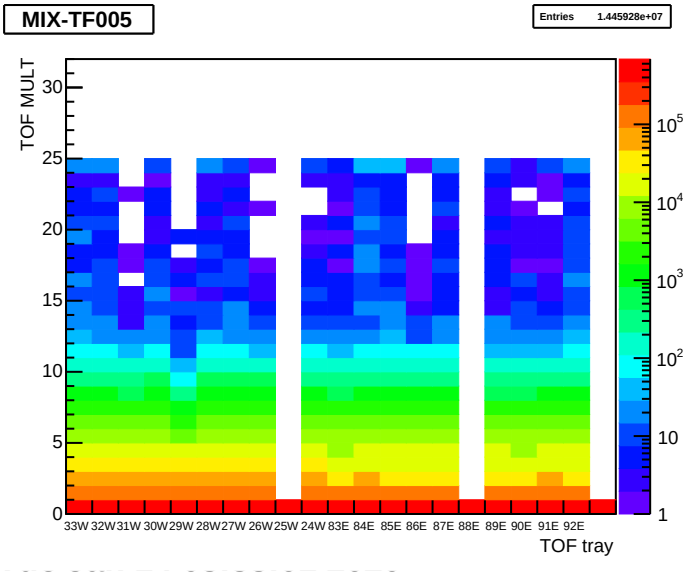

BunchId7Bit (TOFmult window)
Entries 19507

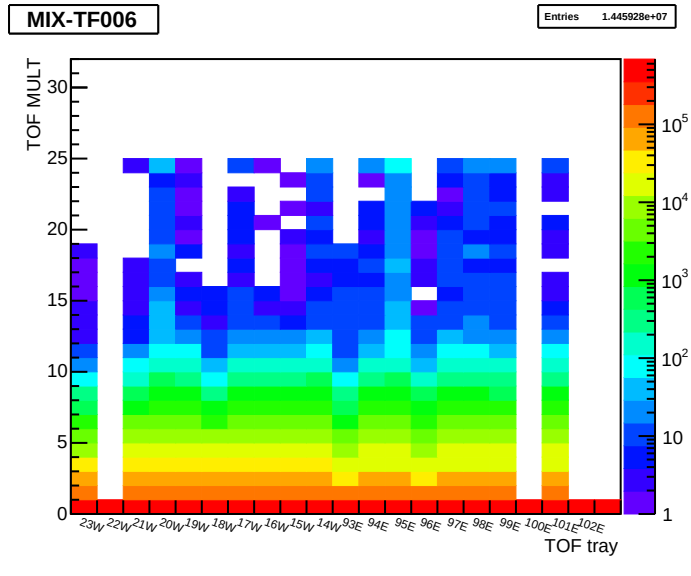

MIX-TF001
Entries 1.445928e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

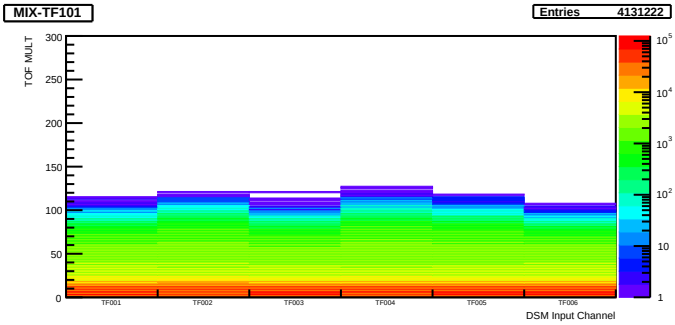

MIX-TF002
Entries 1.445928e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

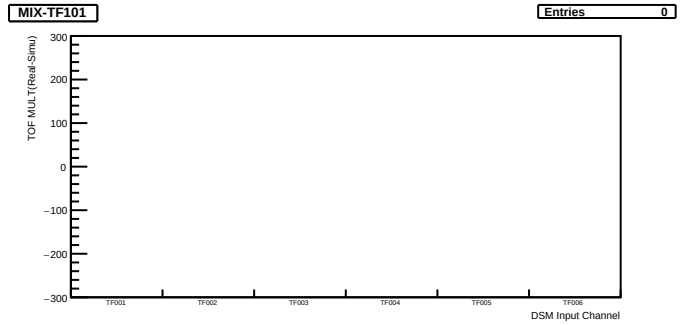

MIX-TF003
Entries 1.445928e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

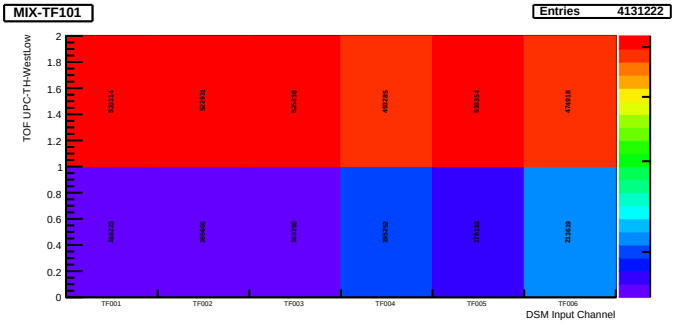

MIX-TF004
Entries 1.445928e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

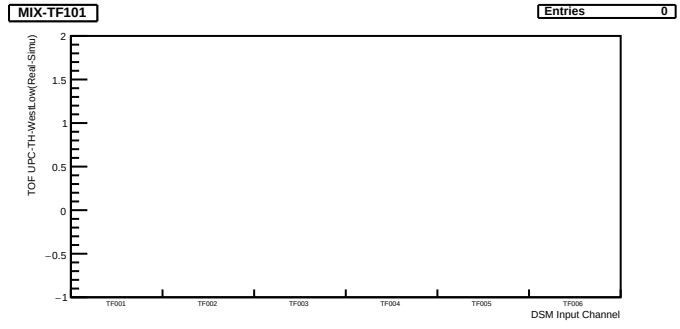

MIX-TF005
Entries 1.445928e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

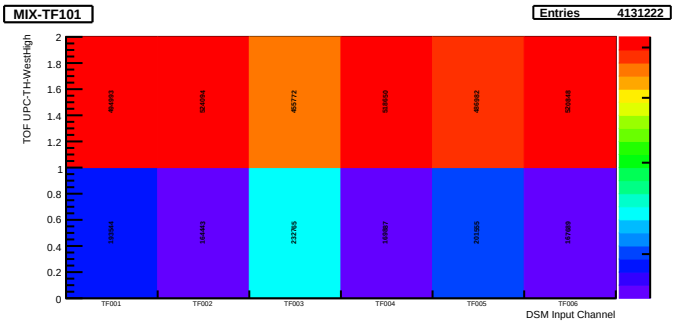

MIX-TF006
Entries 1.445928e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

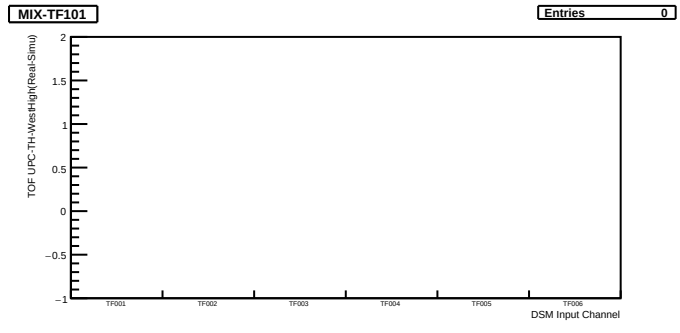

MIX-TF101
Entries 4131222
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

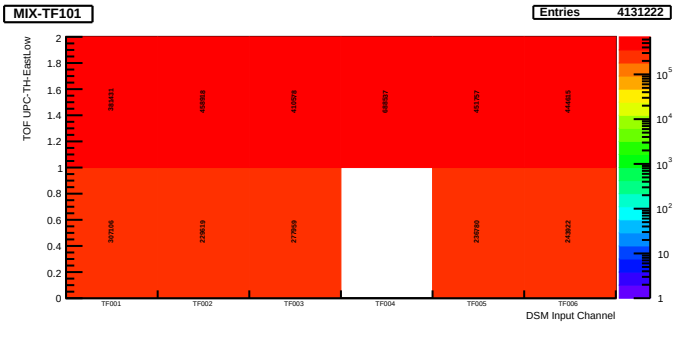

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

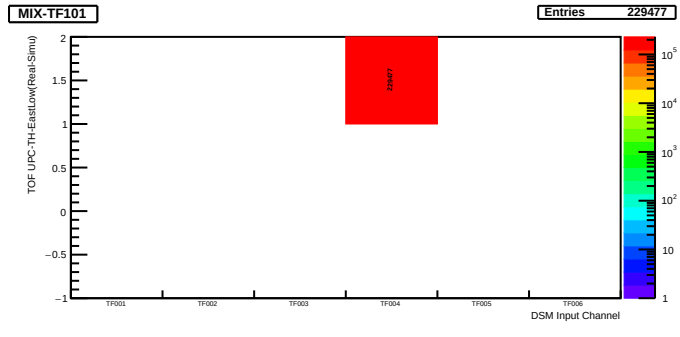

MIX-TF101
Entries 4131222
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

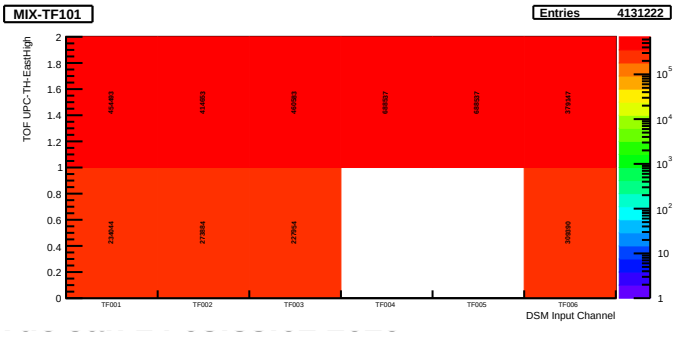

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

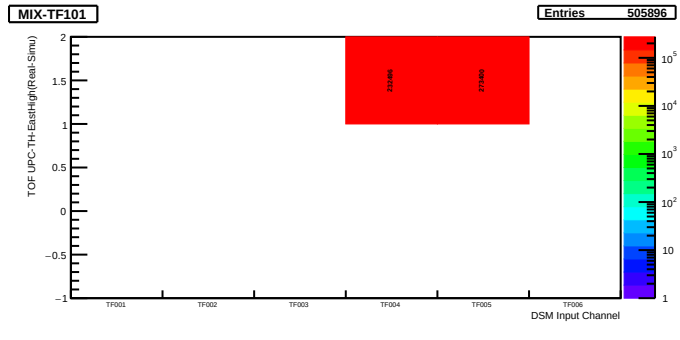

MIX-TF101
Entries 4131222
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

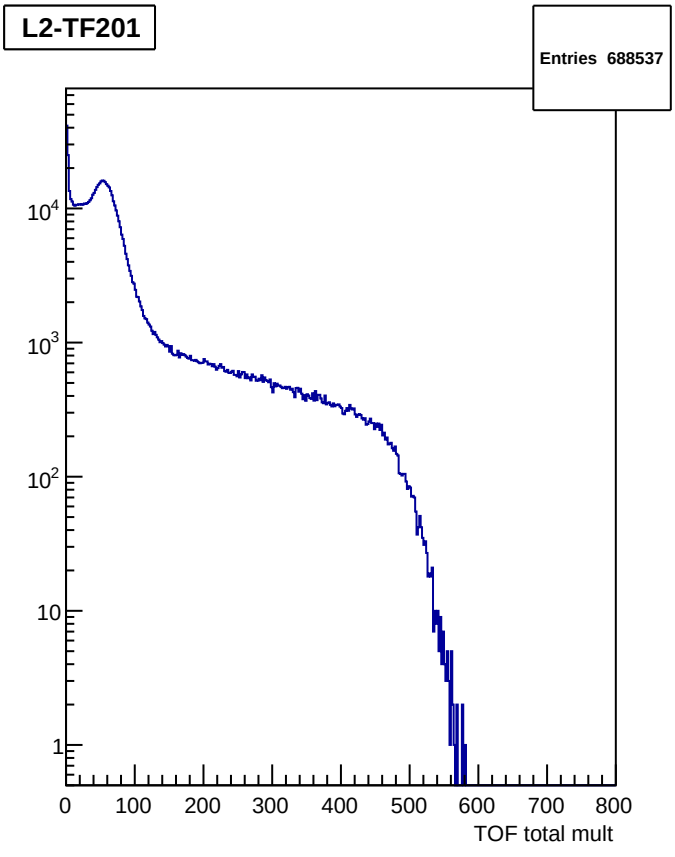

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

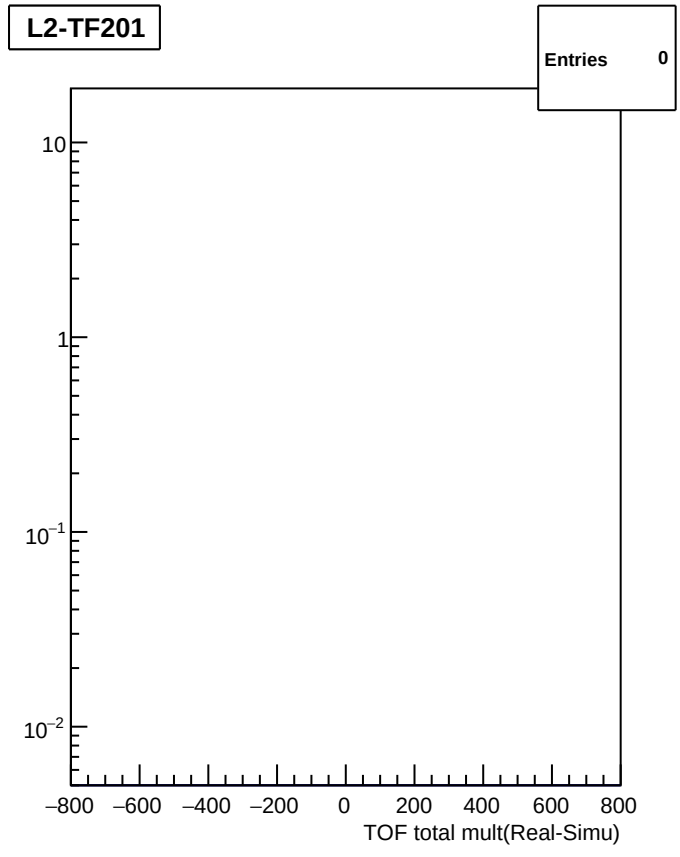

MIX-TF101
Entries 4131222
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

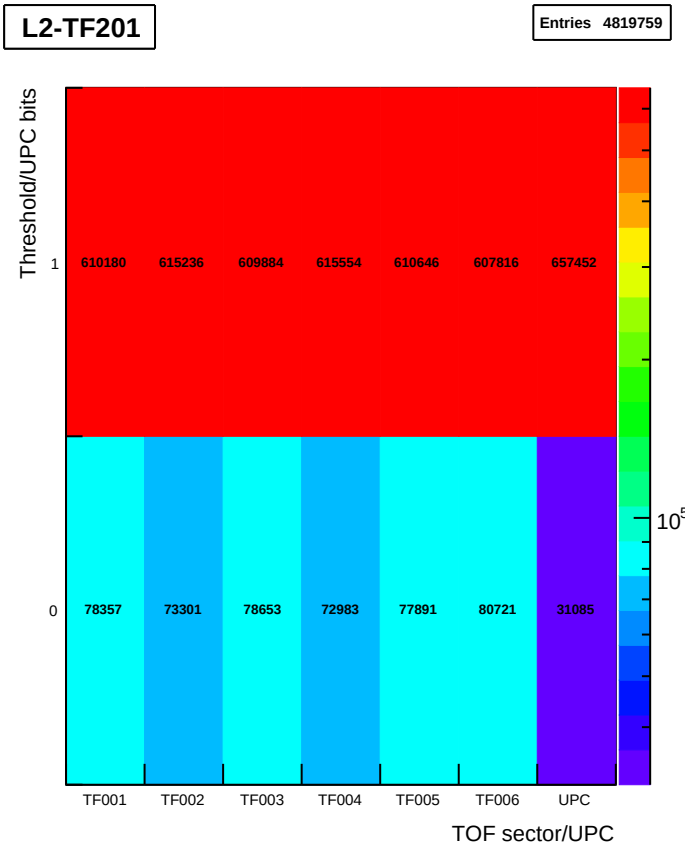

MIX-TF101
Entries 229477
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

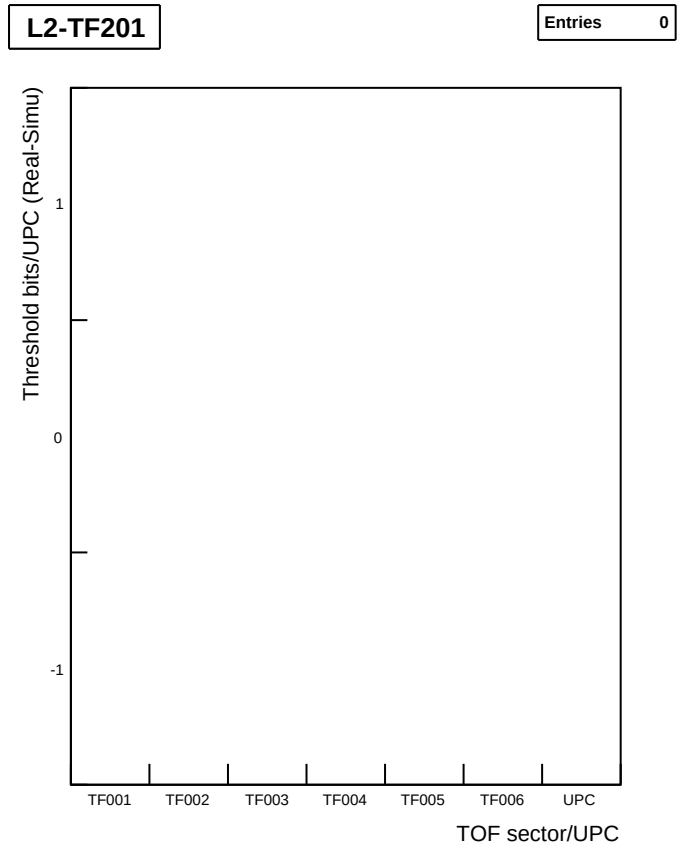

MIX-TF101
Entries 4131222
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

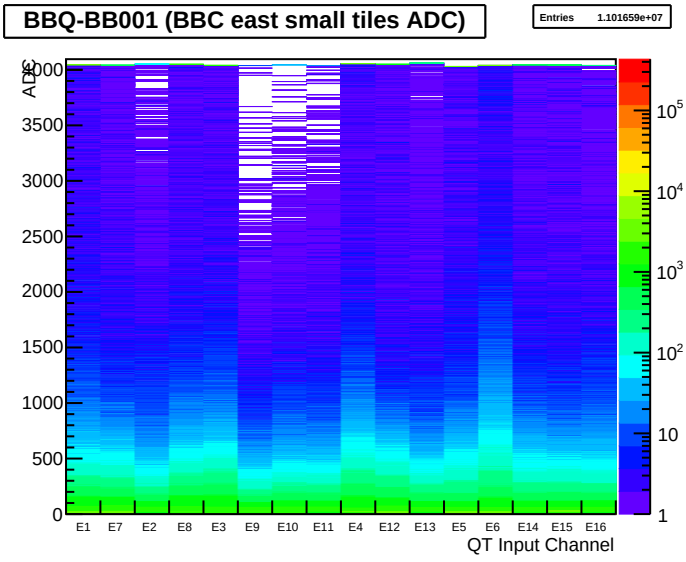

MIX-TF101
Entries 505896
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

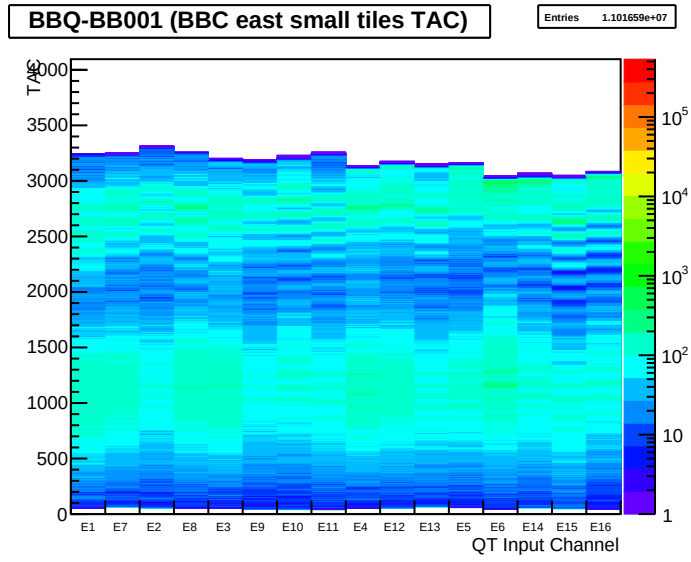

L2-TF201
Entries 688537
TOF total mult

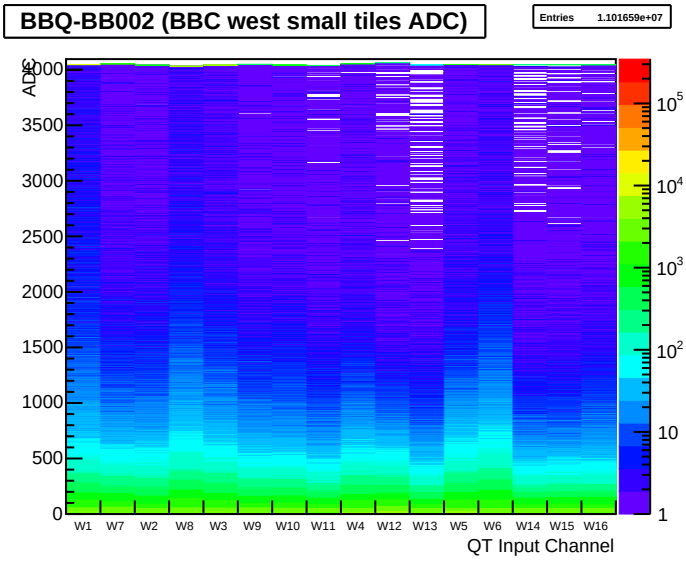

L2-TF201
Entries 0
TOF total mult(Real-Simu)

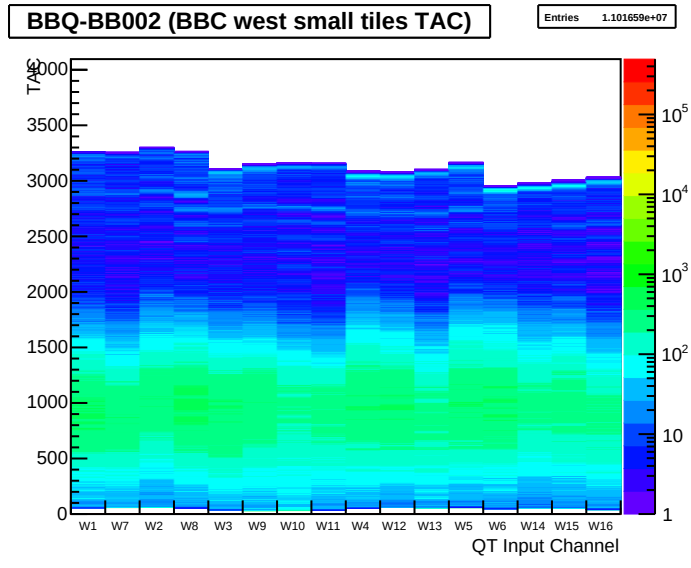

L2-TF201
Entries 4819759
Threshold/UPC bits
610180
615236
609884
615554
610646
607816
657452
78357
73301
78653
72983
77891
80721
31085
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

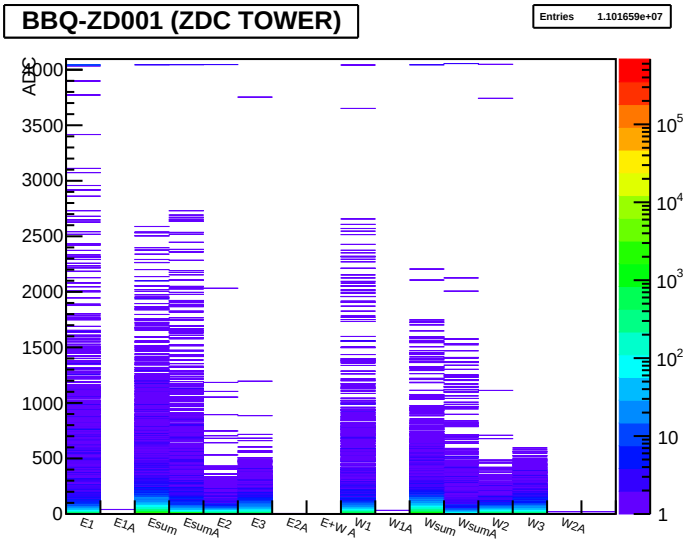

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

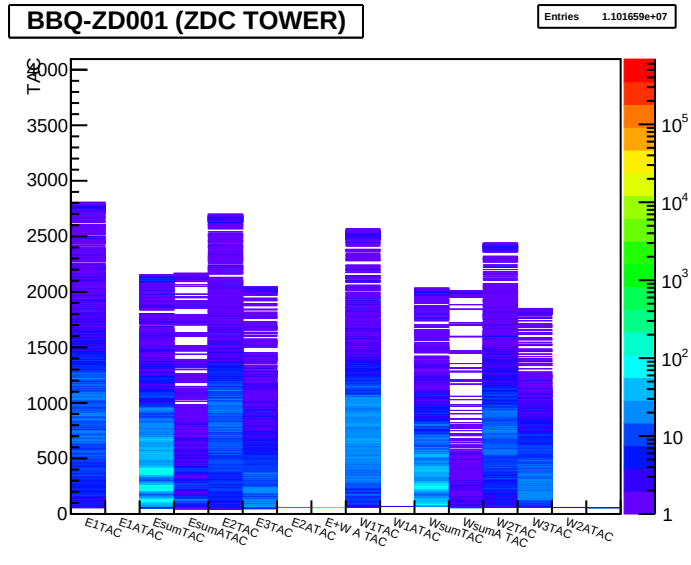

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.101659e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

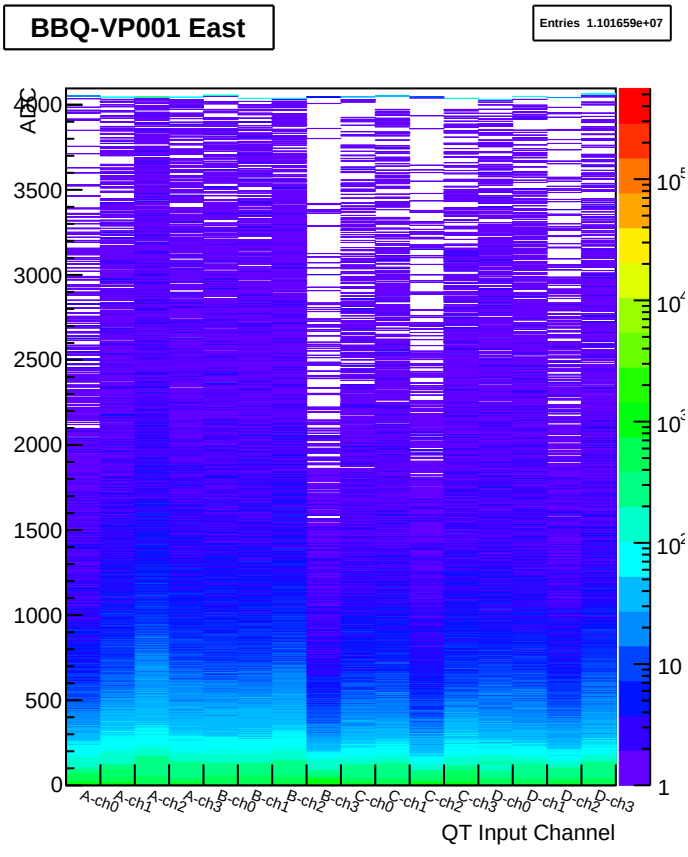

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.101659e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

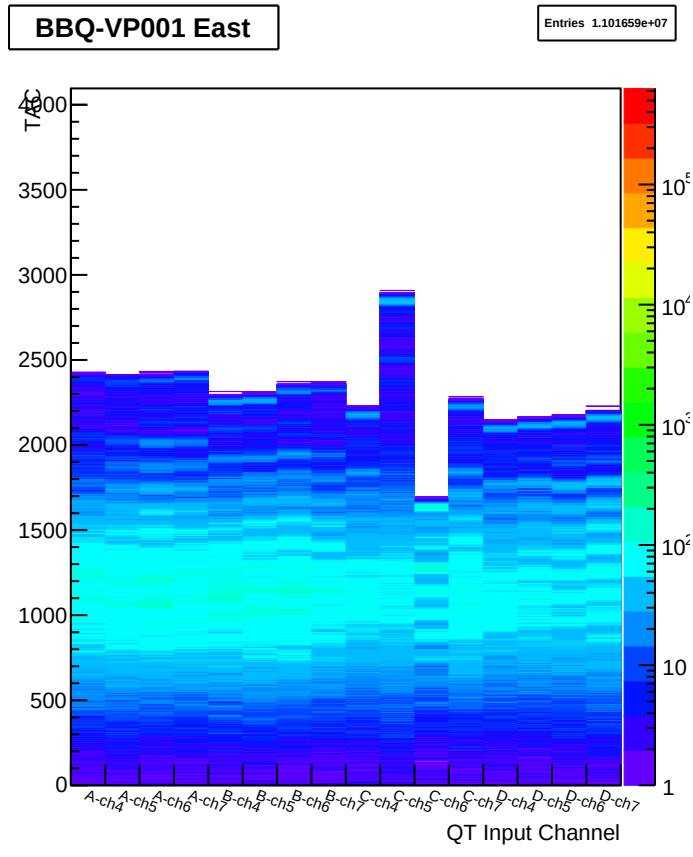

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.101659e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

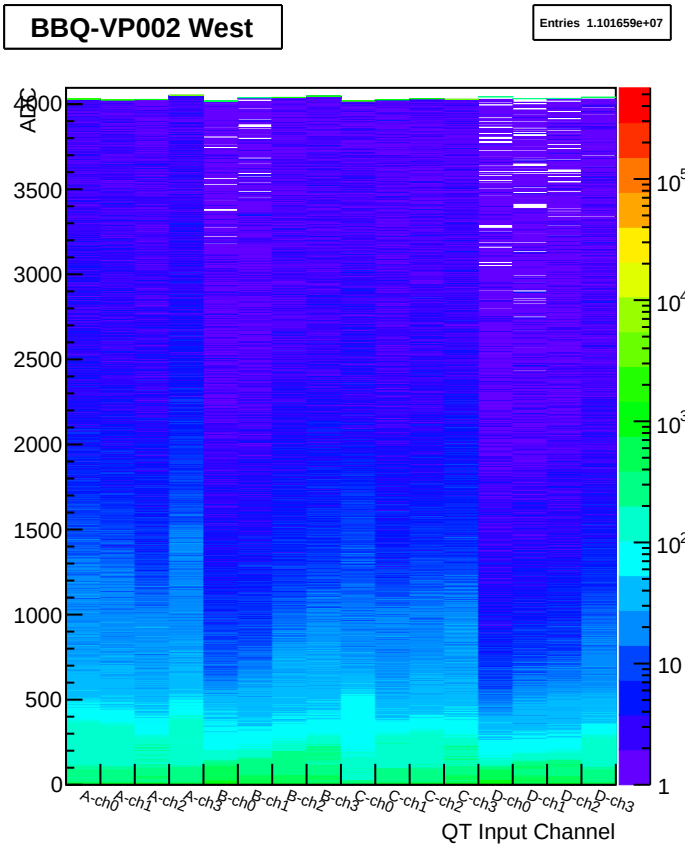

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.101659e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

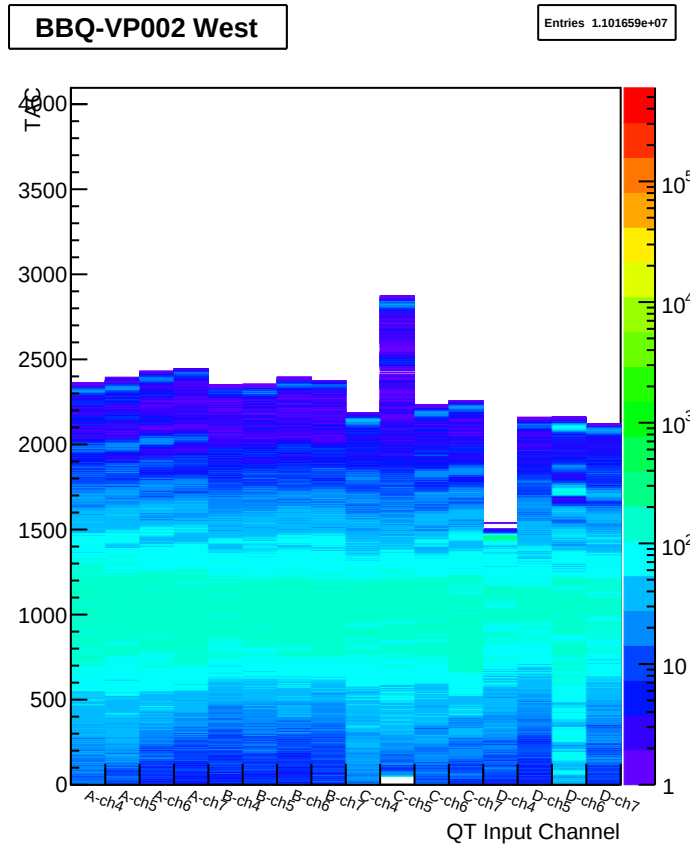

BBQ-ZD001 (ZDC TOWER)
Entries 1.101659e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

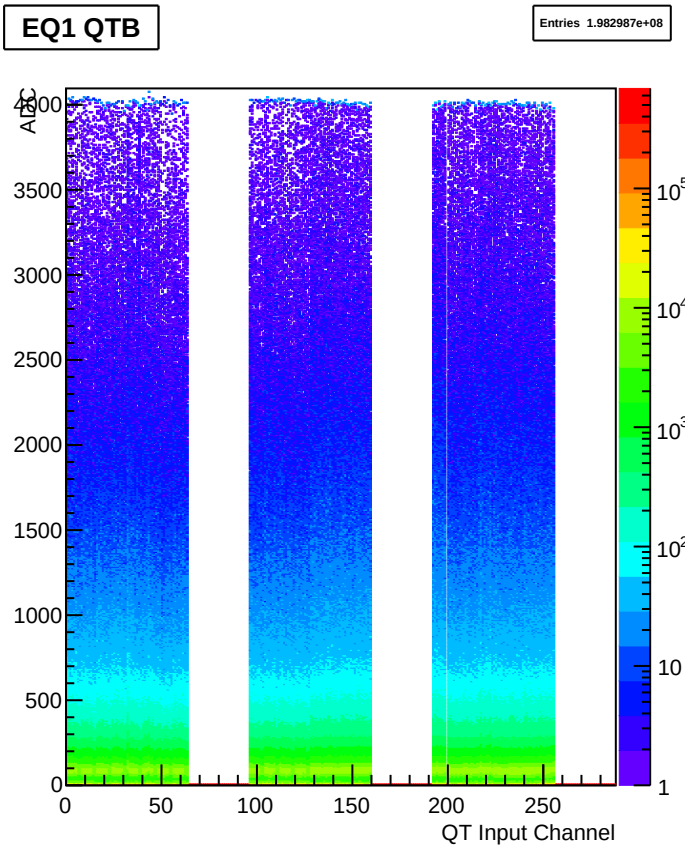

BBQ-ZD001 (ZDC TOWER)
Entries 1.101659e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

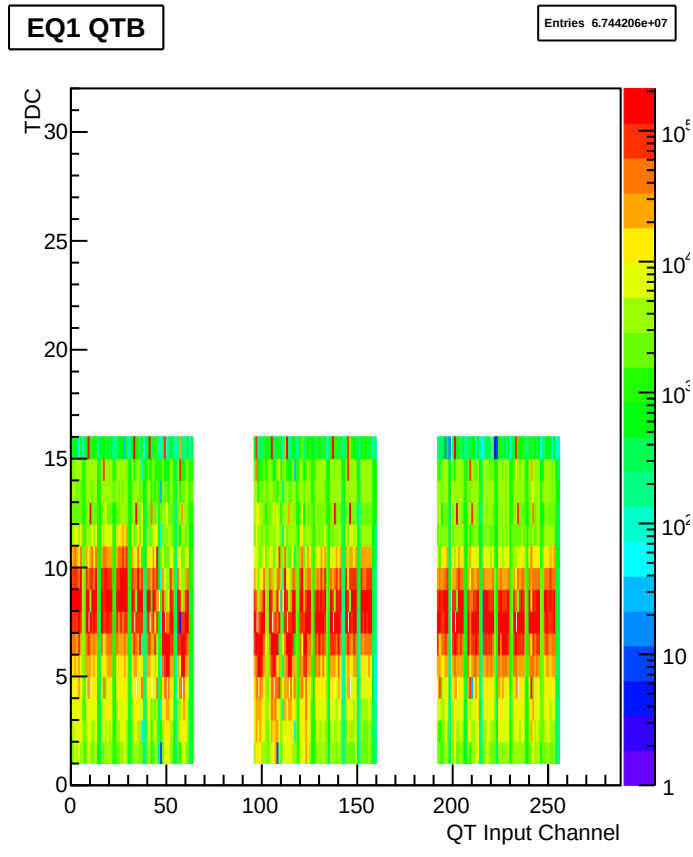

BBQ-VP001 East
Entries 1.101659e+07
ADC
QT Input Channel

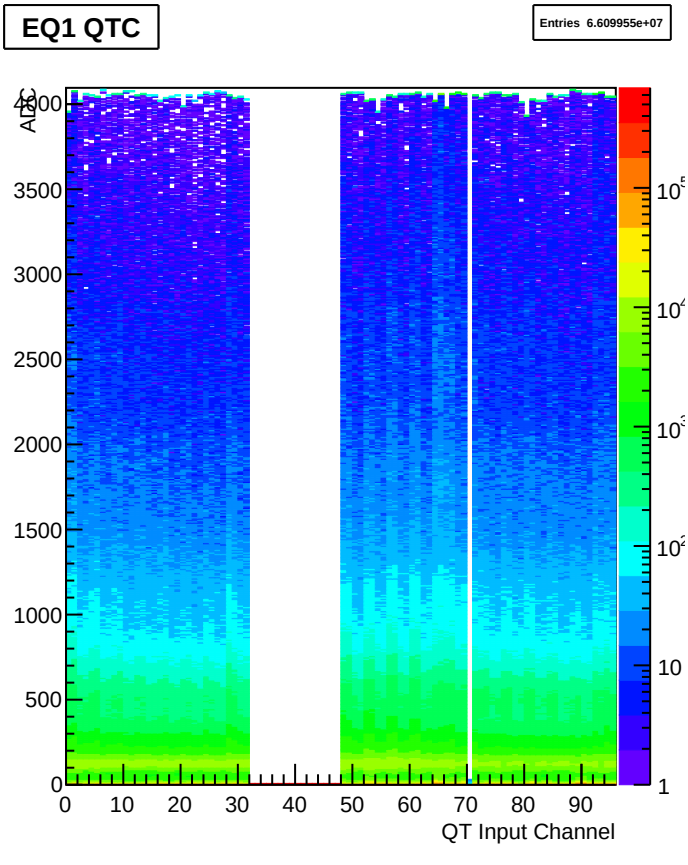

BBQ-VP001 East
Entries 1.101659e+07
TADC
QT Input Channel

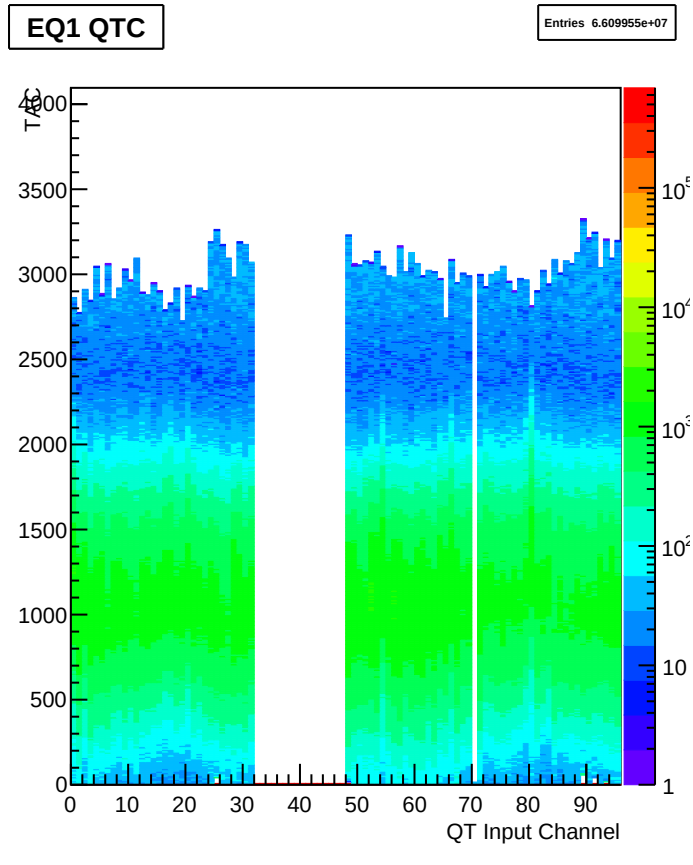

BBQ-VP002 West
Entries 1.101659e+07
ADC
QT Input Channel

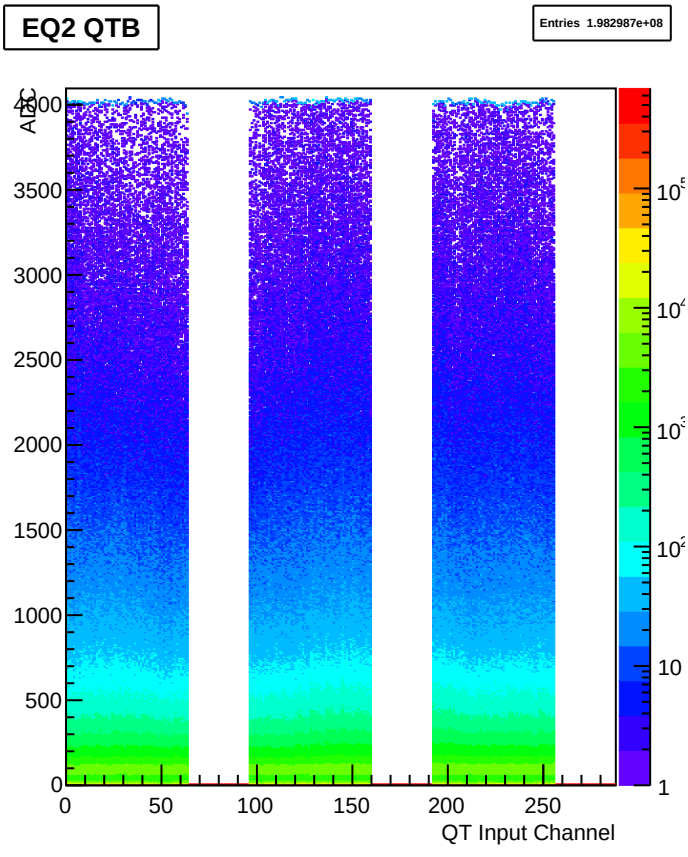

BBQ-VP002 West
Entries 1.101659e+07
TADC
QT Input Channel

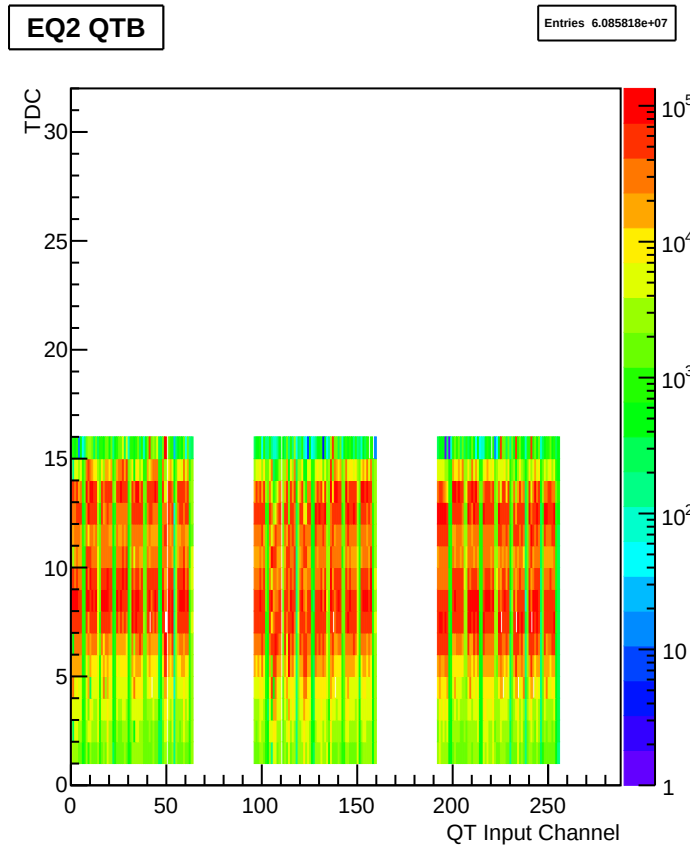

EQ1 QTB
Entries 1.982987e+08
ADC
QT Input Channel

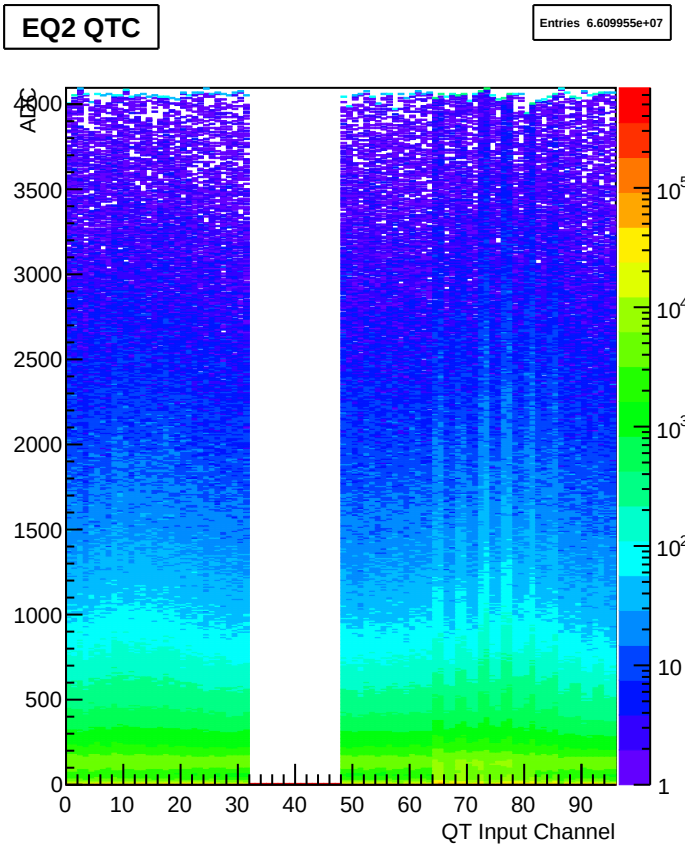

EQ1 QTB
Entries 6.744206e+07
TDC
QT Input Channel

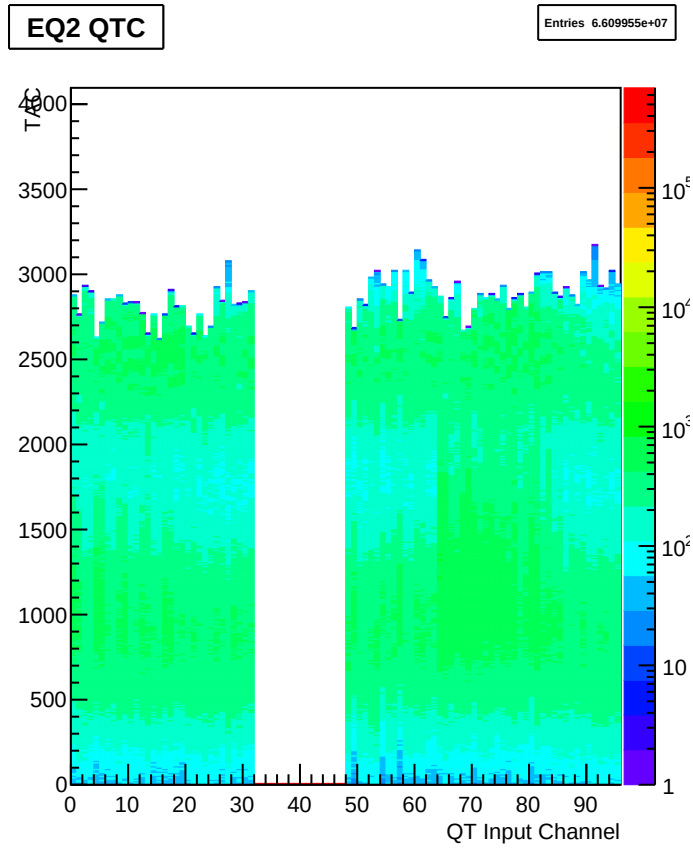

EQ1 QTC
Entries 6.609955e+07
ADC
QT Input Channel

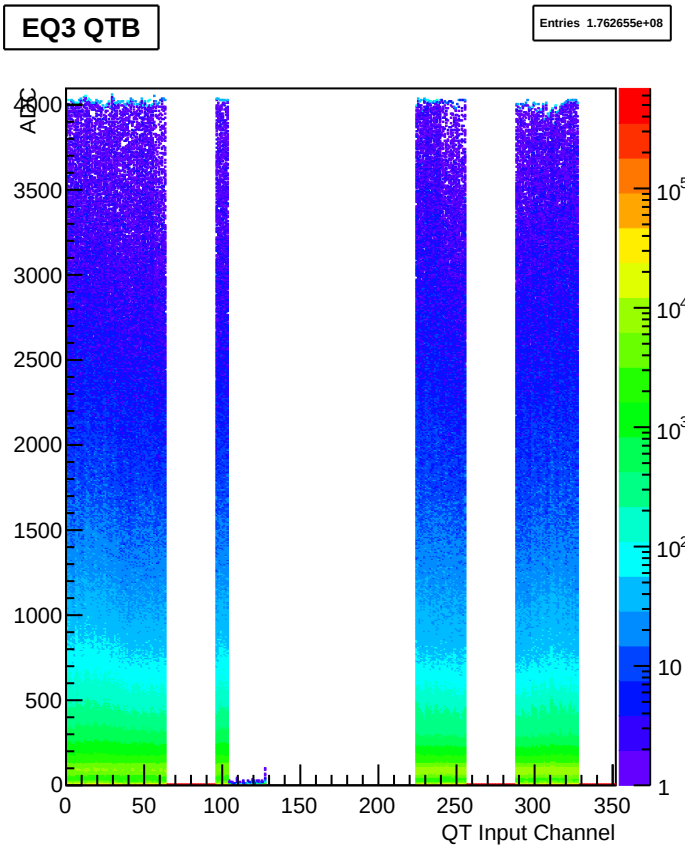

EQ1 QTC
Entries 6.609955e+07
TADC
QT Input Channel

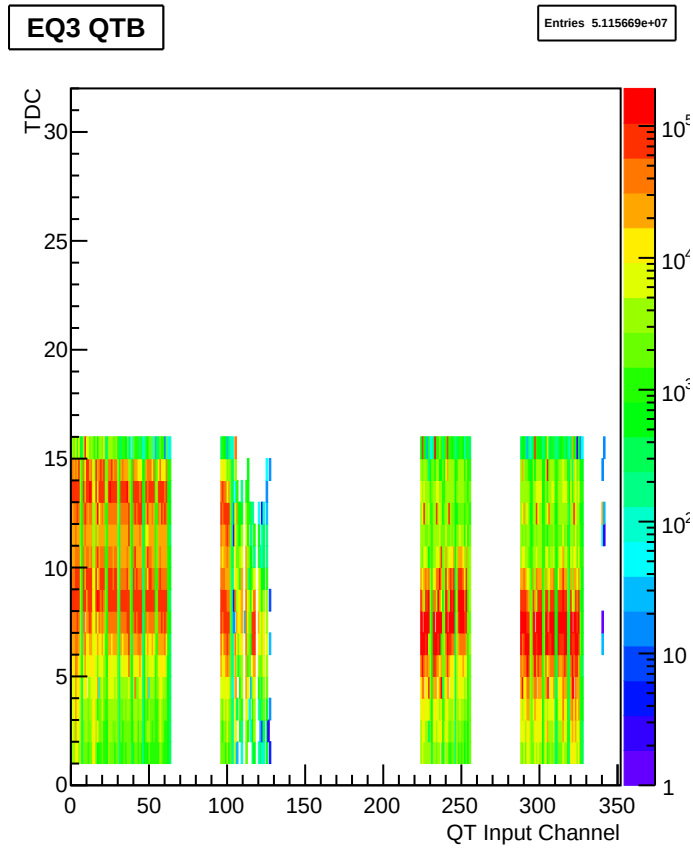

EQ2 QTB
Entries 1.982987e+08
ADC
QT Input Channel

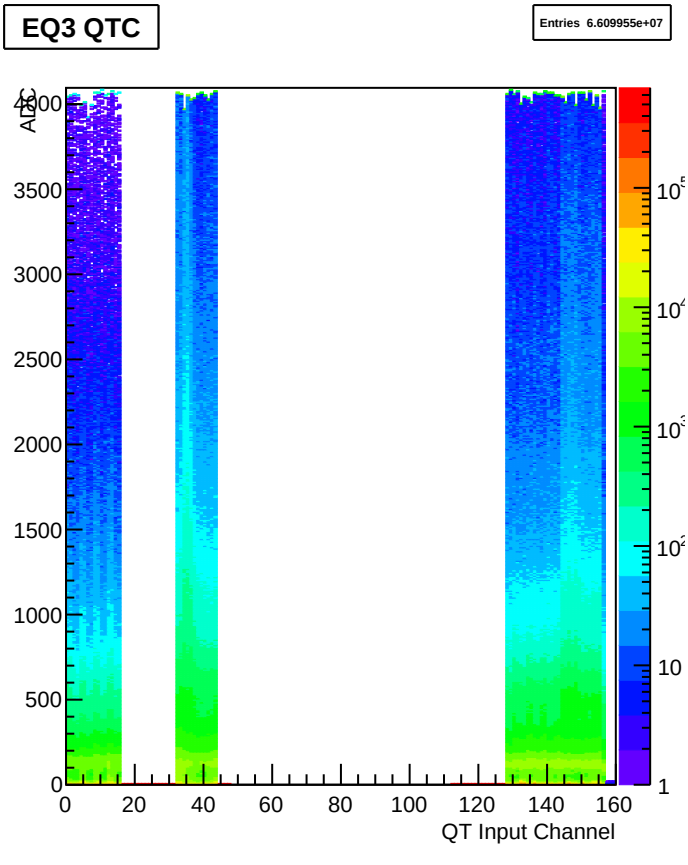

EQ2 QTB
Entries 6.085818e+07
TDC
QT Input Channel

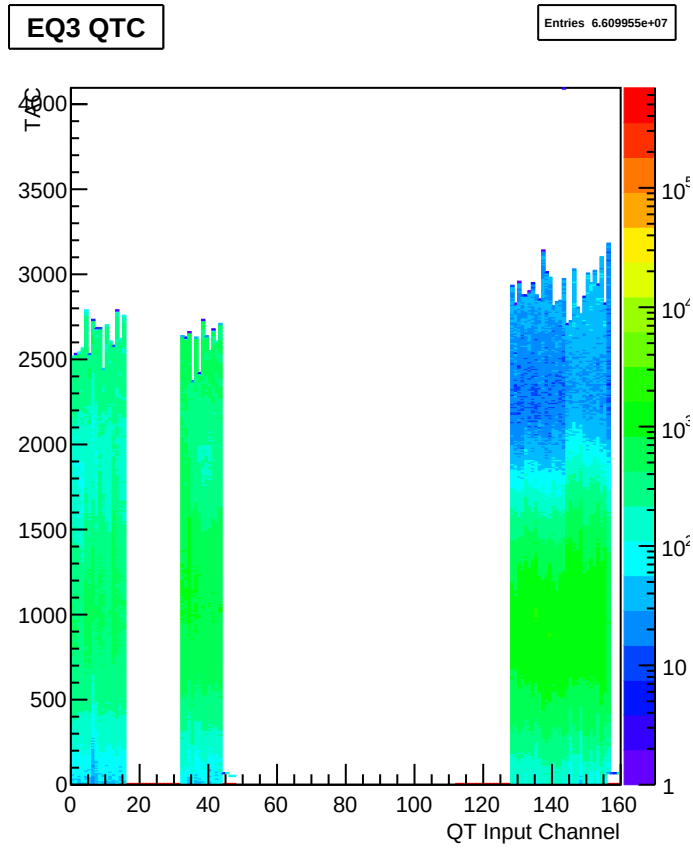

EQ2 QTC
Entries 6.609955e+07
ADC
QT Input Channel

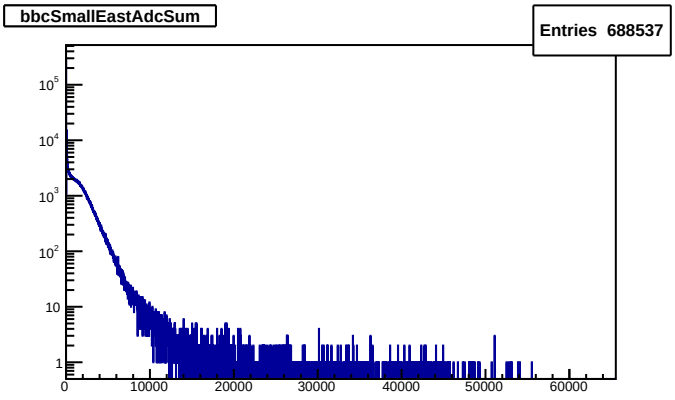

EQ2 QTC
Entries 6.609955e+07
TADC
QT Input Channel

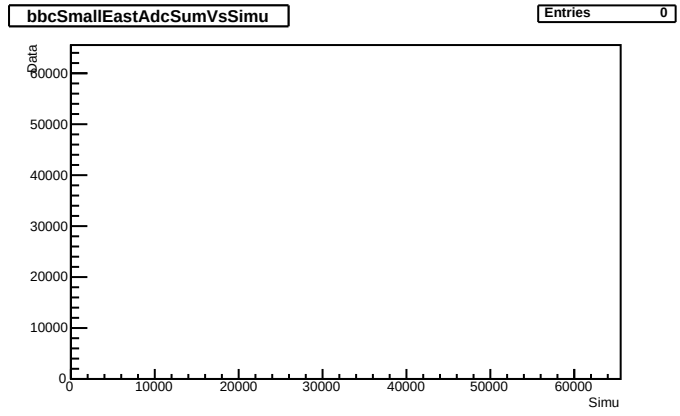

EQ3 QTB
Entries 1.762655e+08
ADC
QT Input Channel

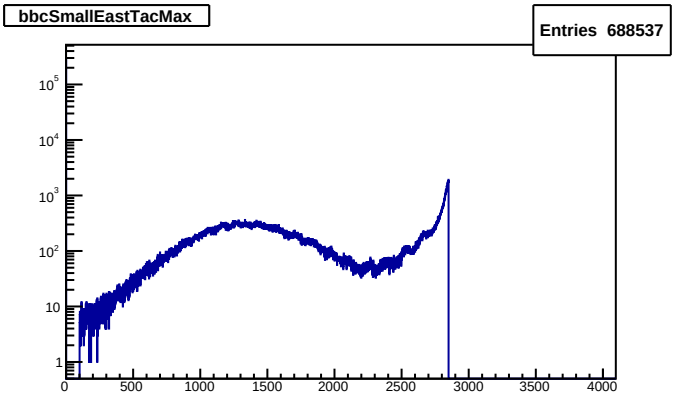

EQ3 QTB
Entries 5.115669e+07
TDC
QT Input Channel


EQ3 QTC
Entries 6.609955e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.609955e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 688537


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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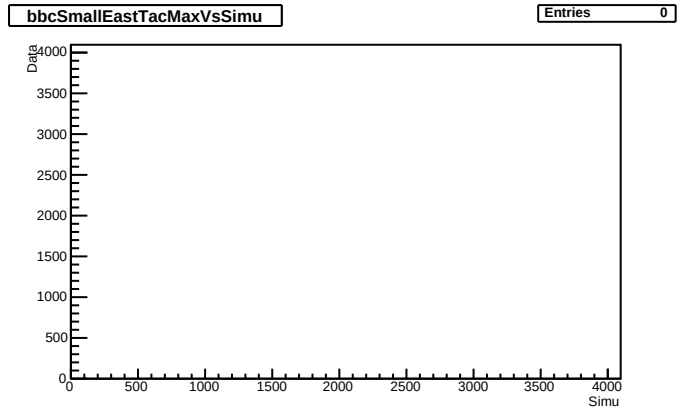
Entries 688537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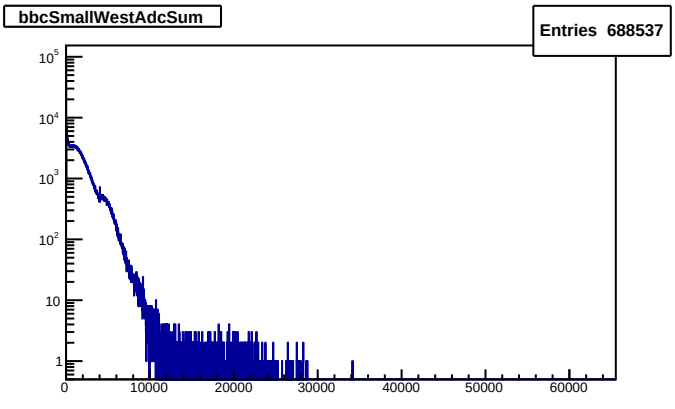
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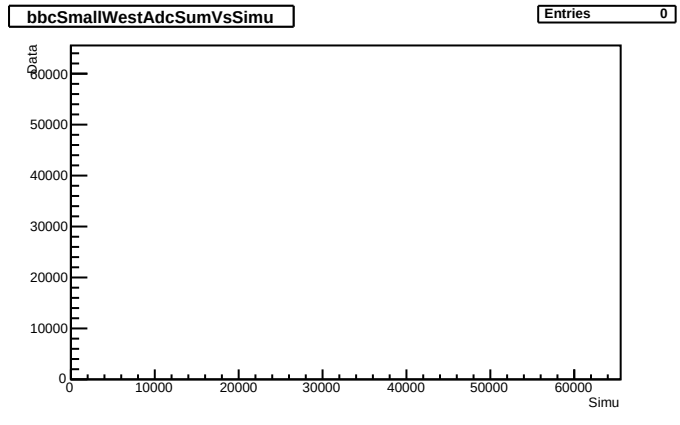
Entries 688537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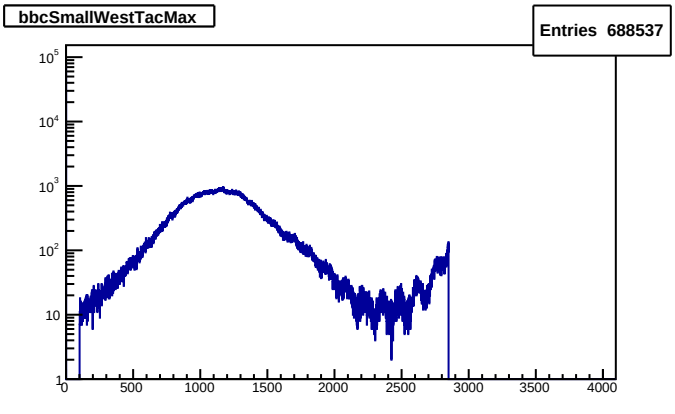
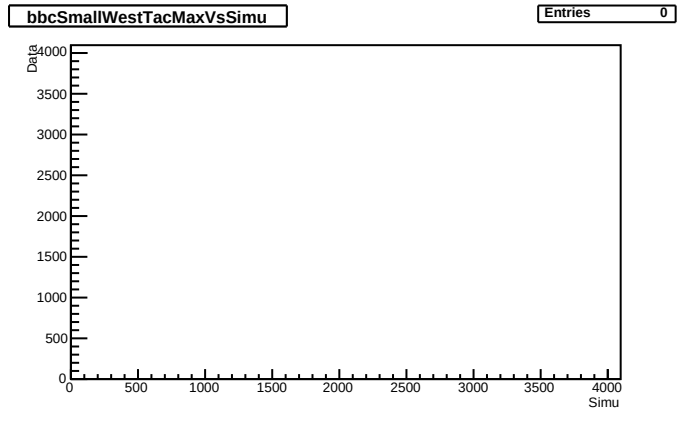
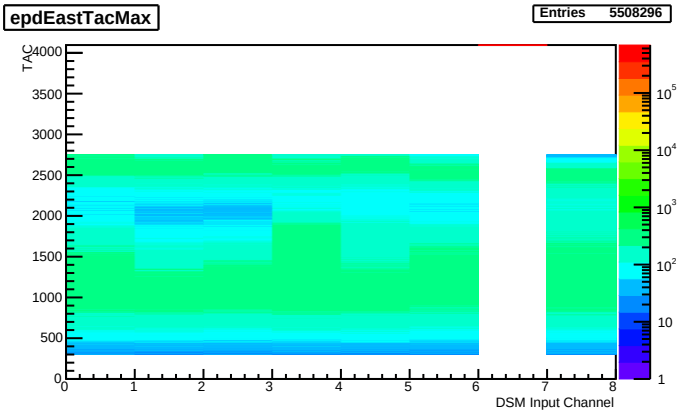

bbcSmallWestTacMax
Entries 688537


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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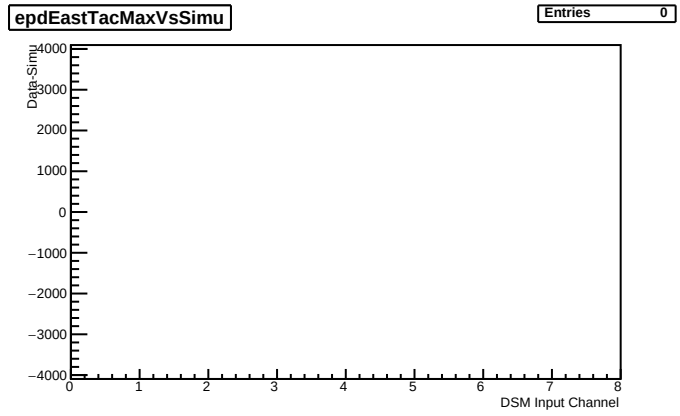
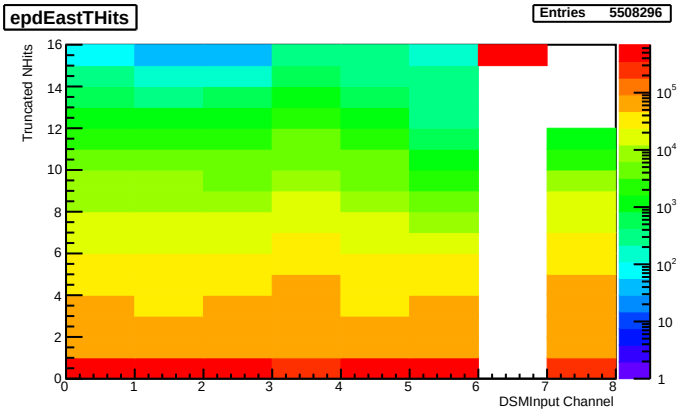
Entries 5508296
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 5508296
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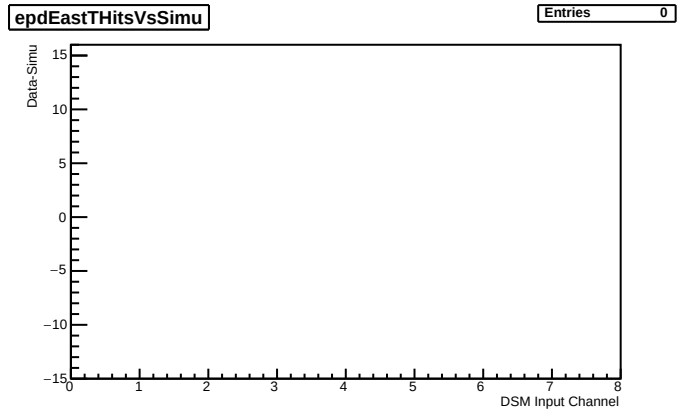
DSMInput Channel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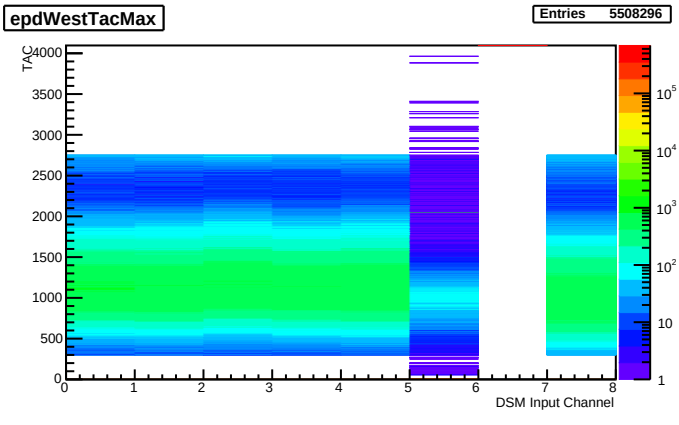
DSM Input Channel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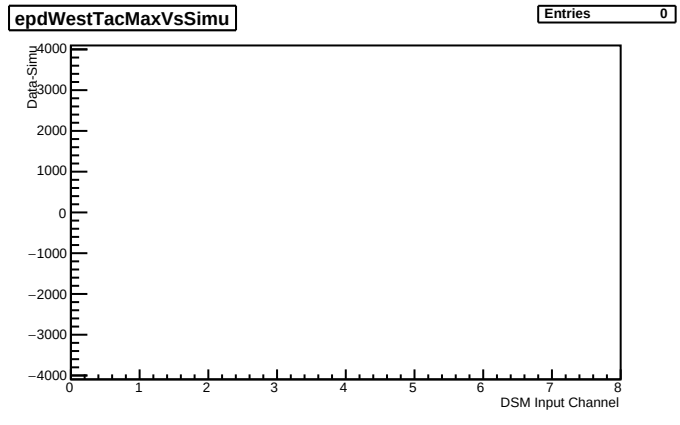
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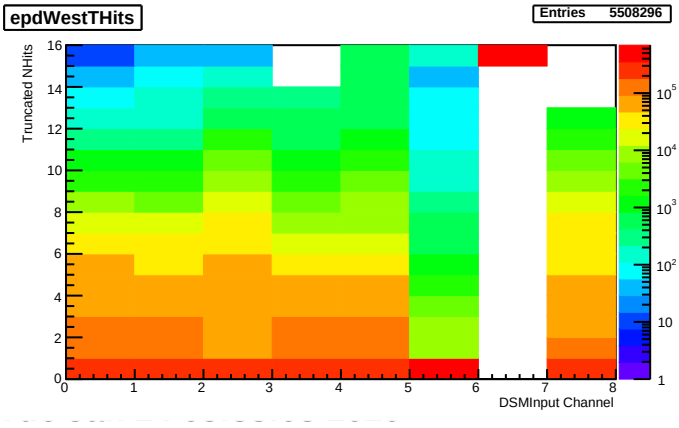
Data-Simu
DSM Input Channel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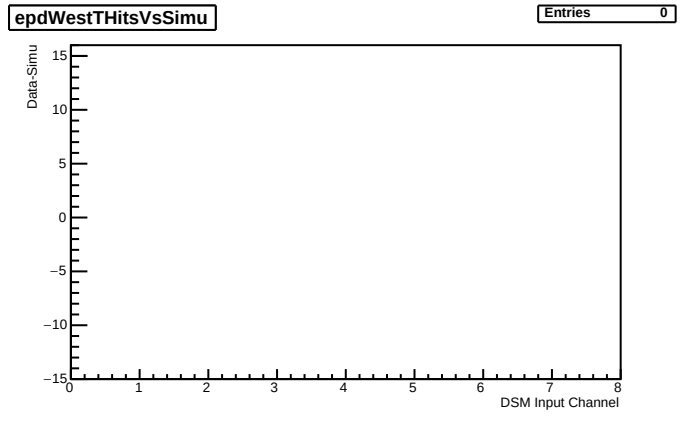
Entries 5508296
Truncated NHits
DSMInput Channel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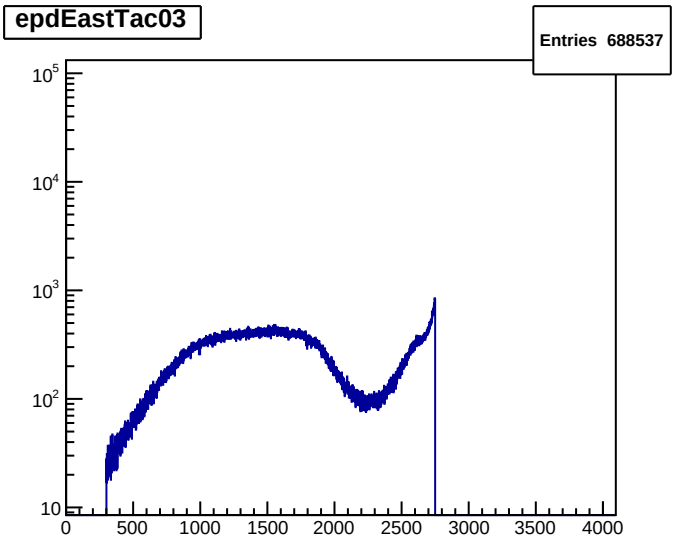
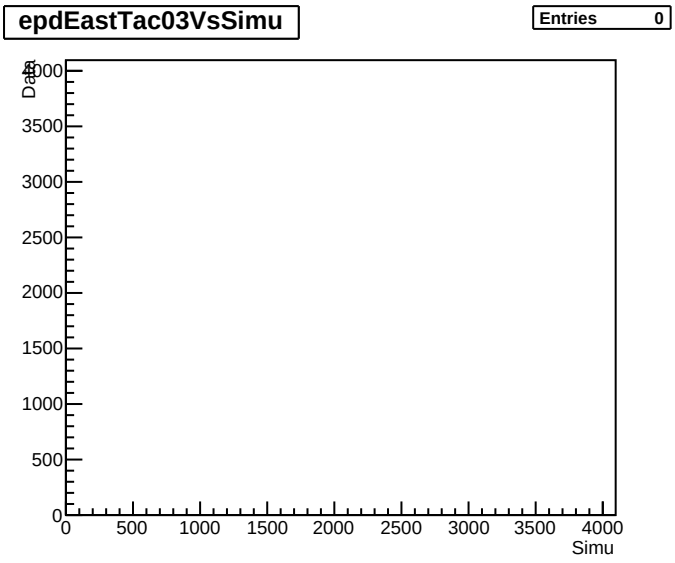
DSM Input Channel


epdEastTac03
Entries 688537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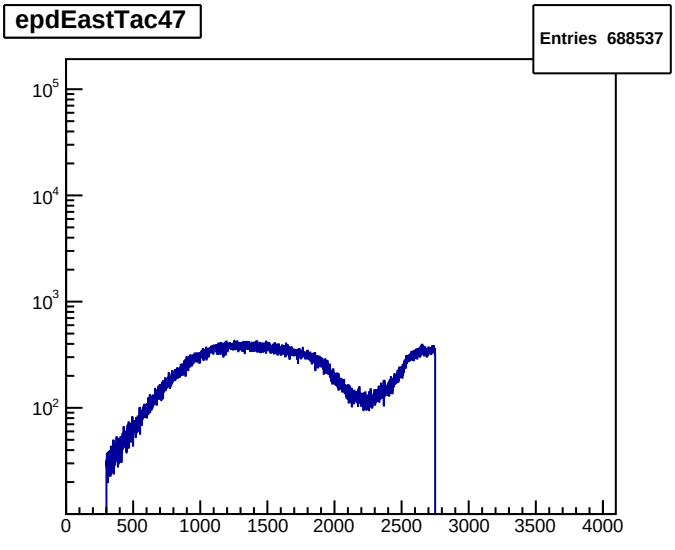
Entries 0
Data
Simu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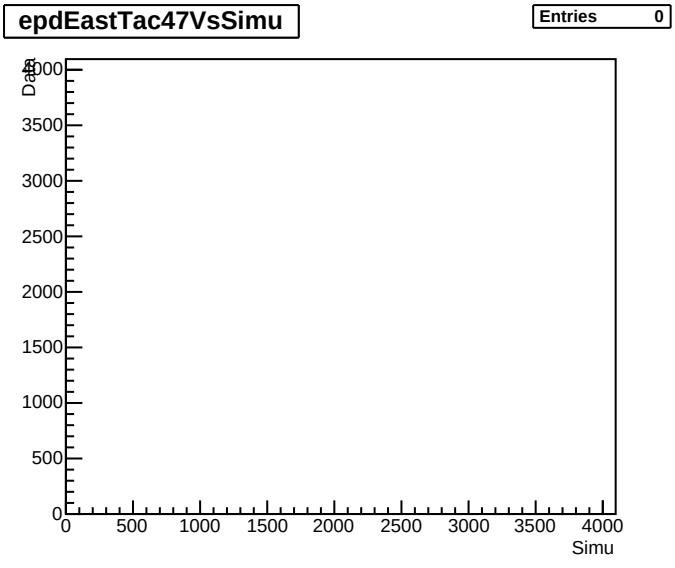
Entries 688537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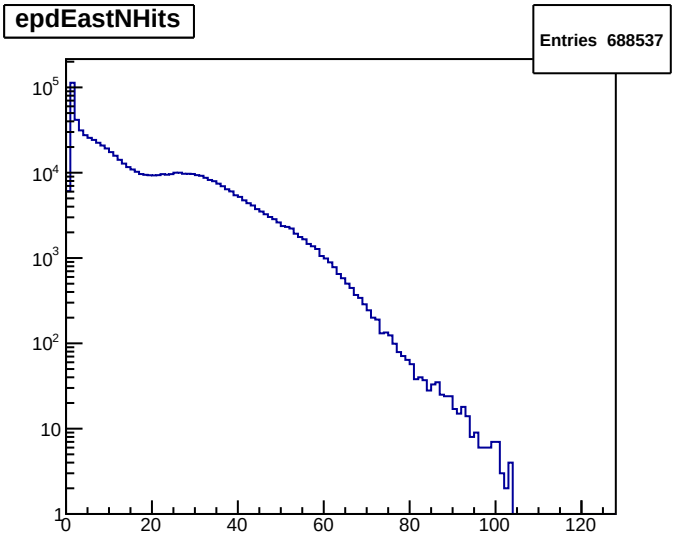
Entries 0
Data
Simu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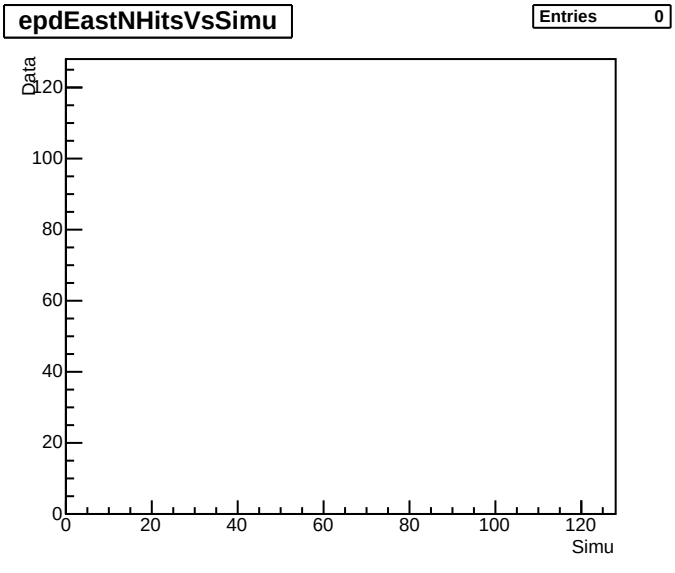
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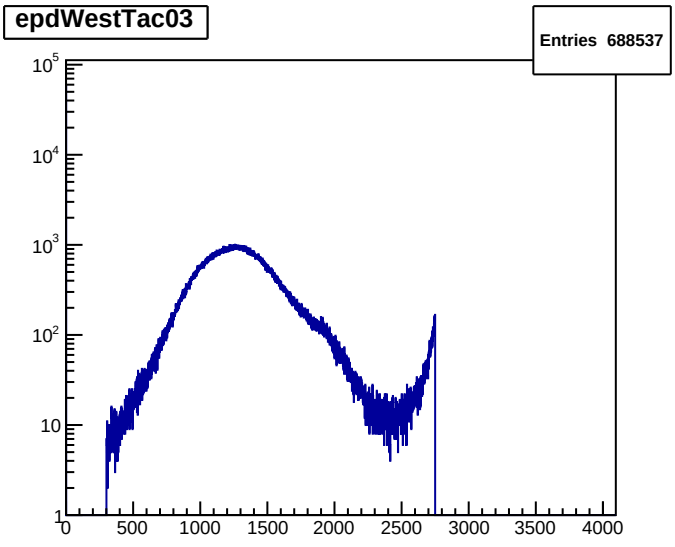
Entries 0
Data
Simu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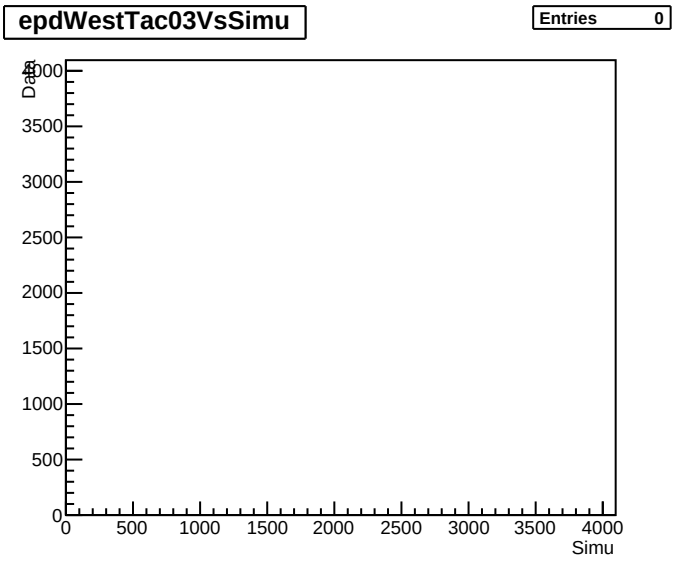
Entries 688537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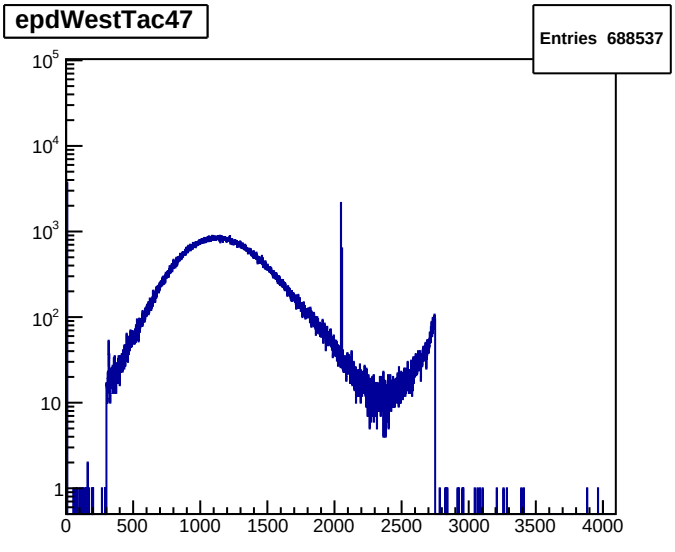
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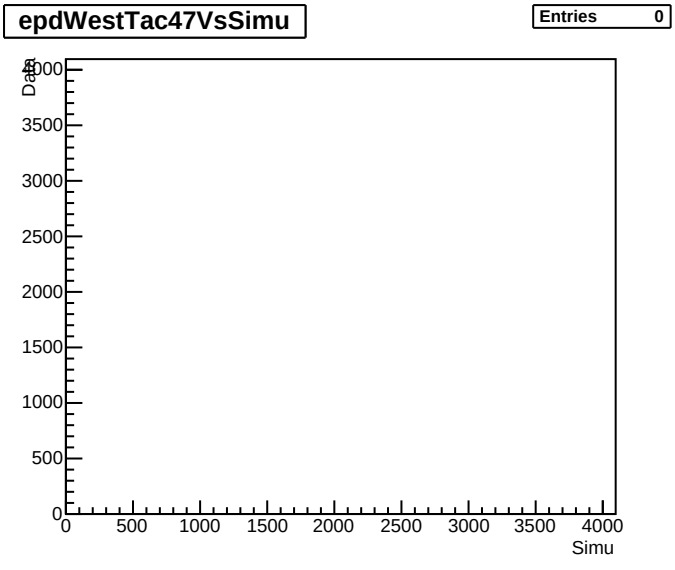
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Data
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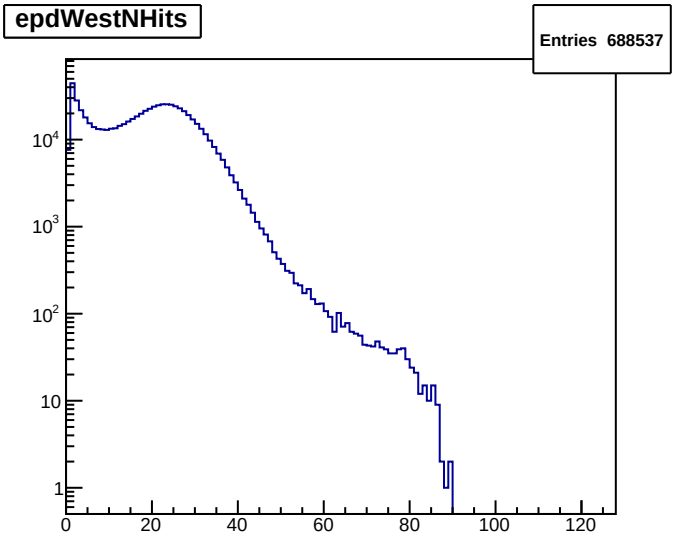
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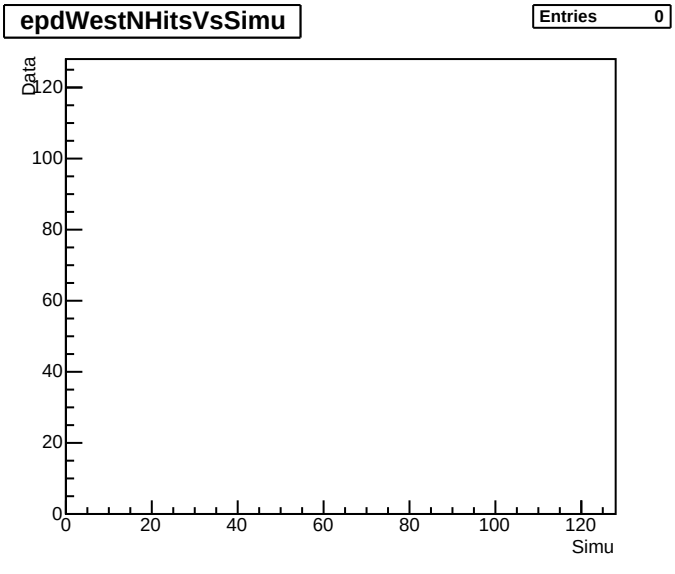
Entries 688537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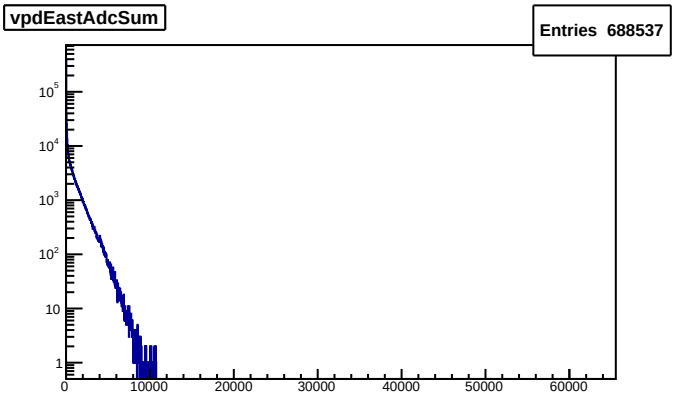
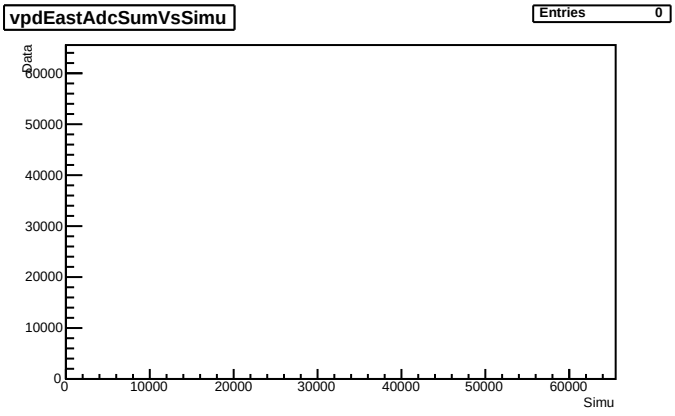
Entries 0
Data
Simu


vpdEastAdcSum
Entries 688537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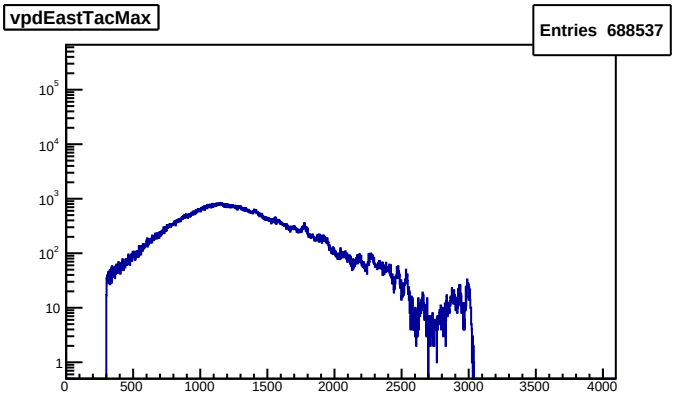
Entries 0
Data
Simu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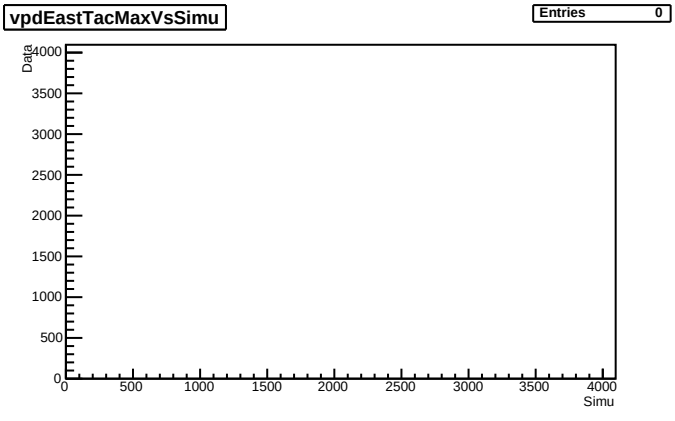
Entries 688537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Entries 0
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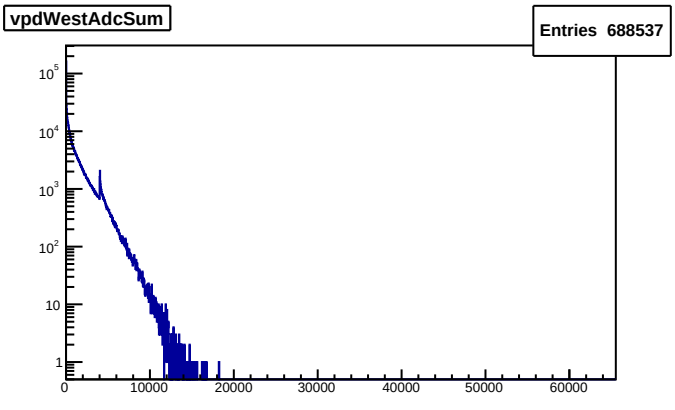
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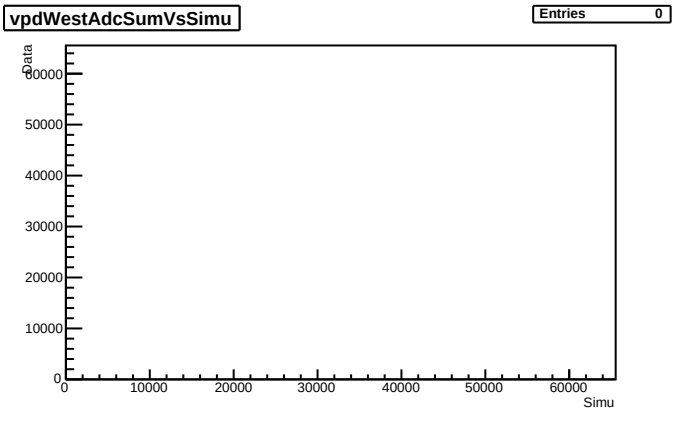
Entries 688537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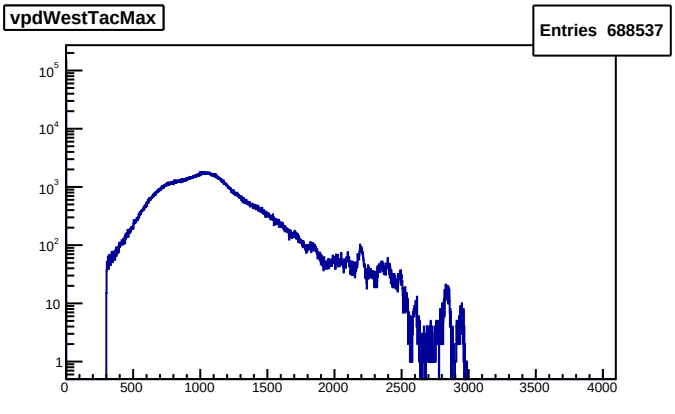
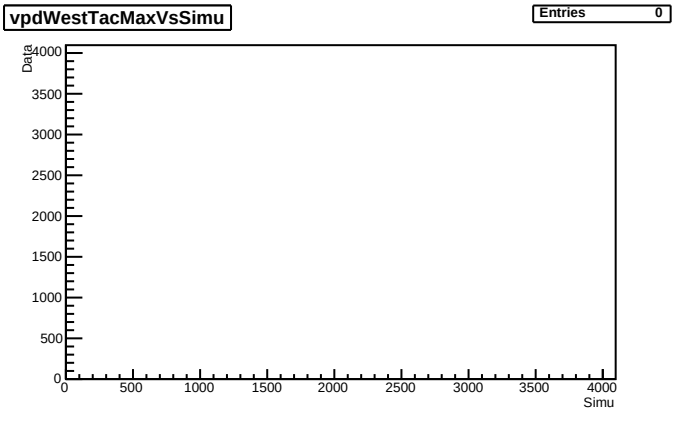
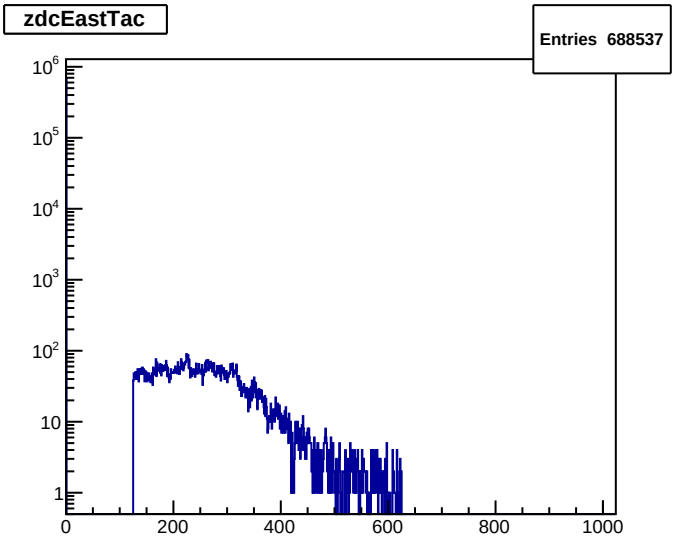
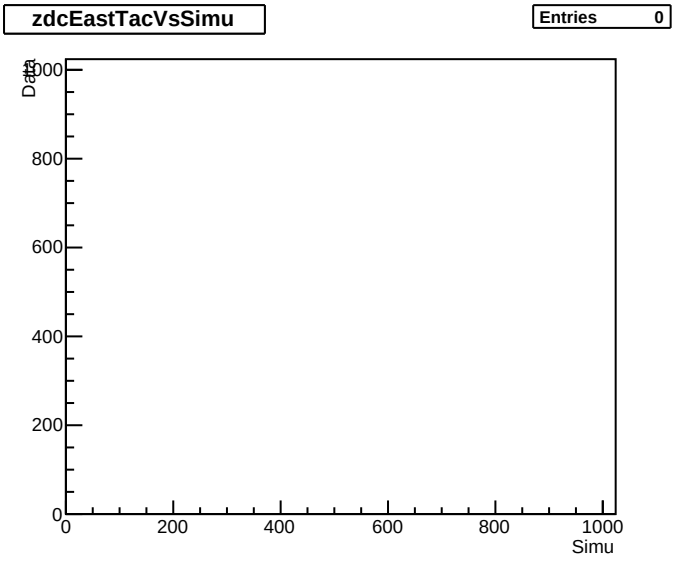
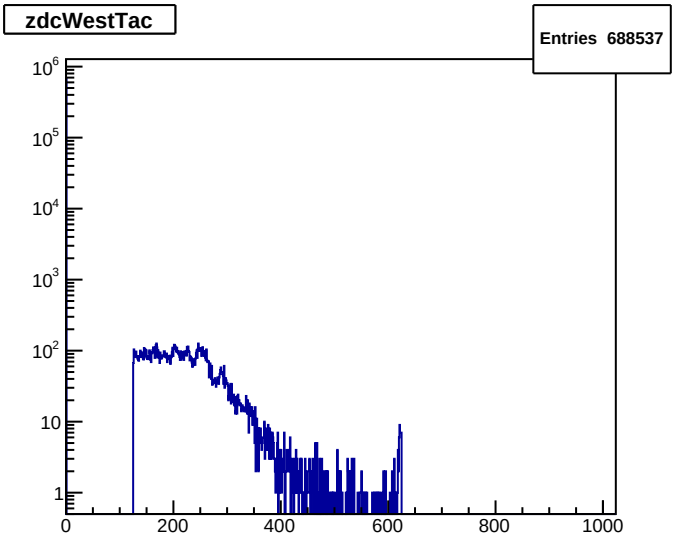
Entries 0
Data
Simu

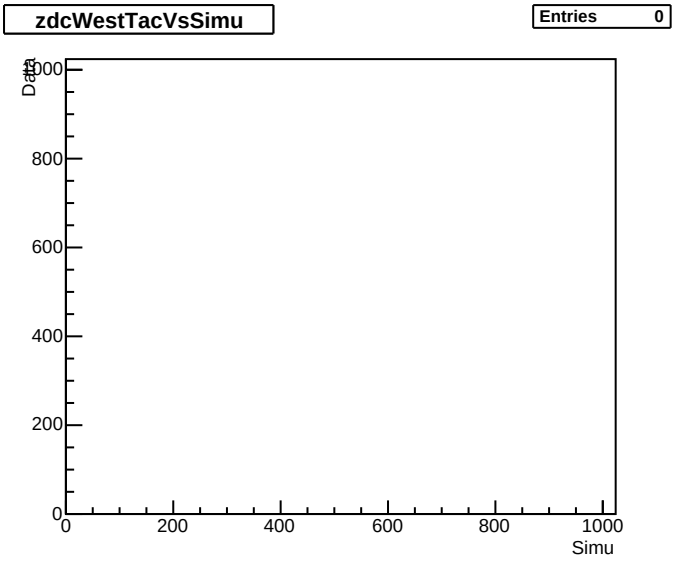

vpdWestTacMax
Entries 688537

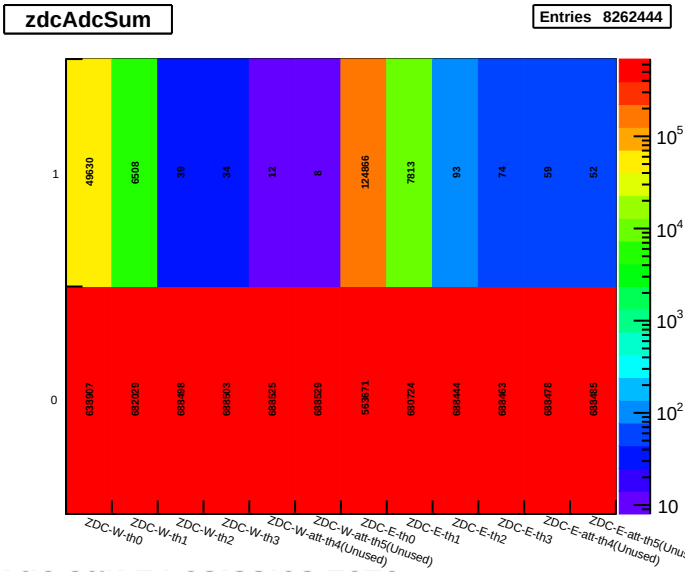

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

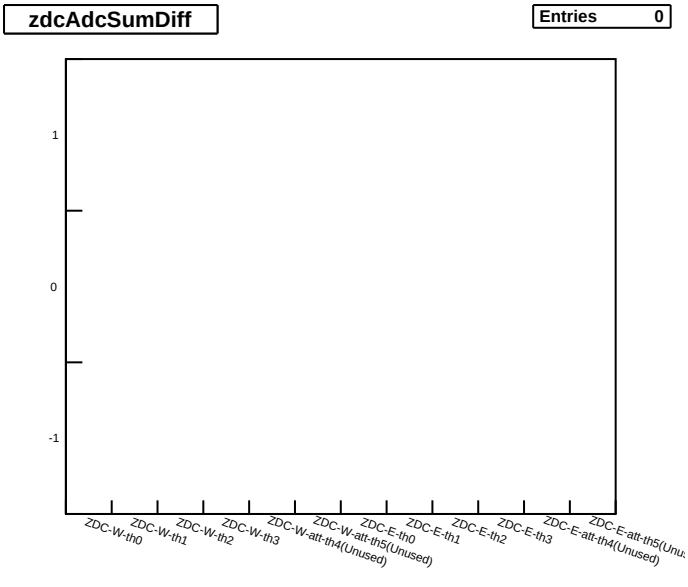

zdcEastTac
Entries 688537

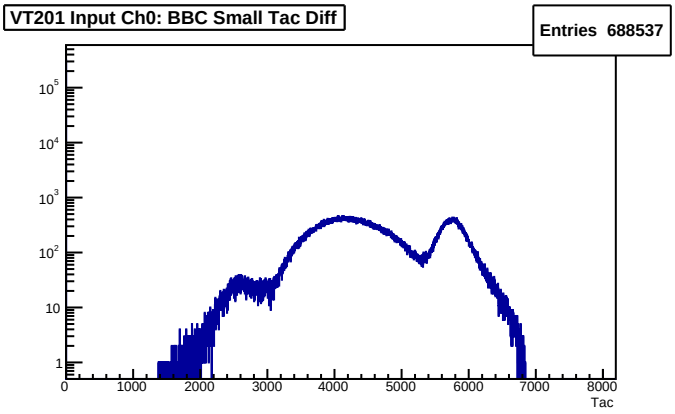

zdcEastTacVsSimu
Entries 0
Data
Simu

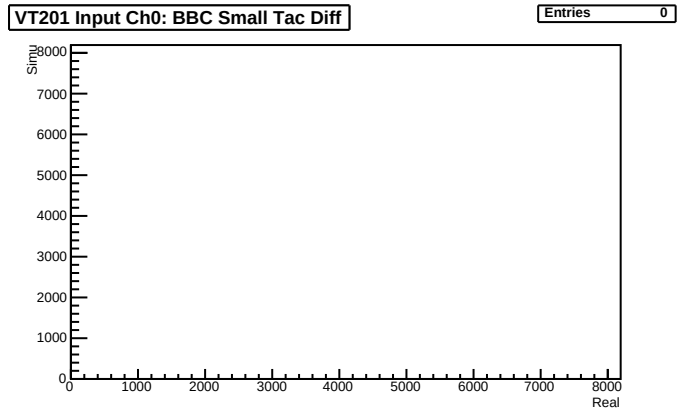

zdcWestTac
Entries 688537

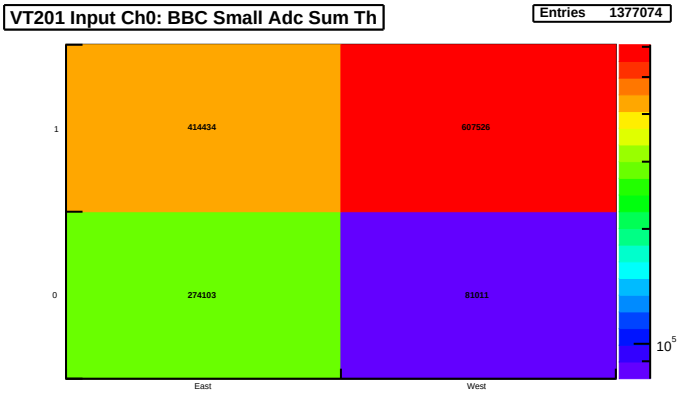

zdcWestTacVsSimu
Entries 0
Data
Simu

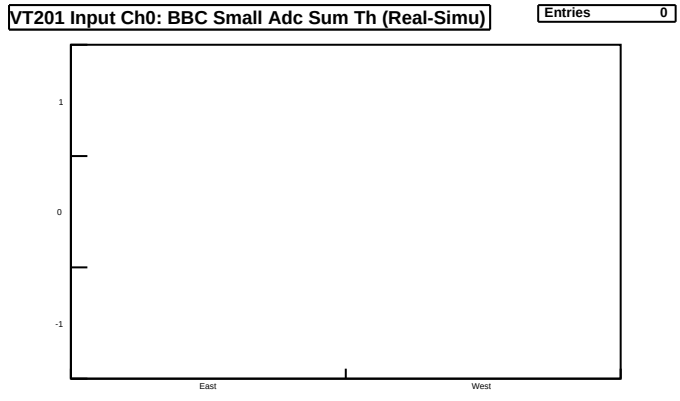

zdcAdcSum
Entries 8262444
49630
6508
39
34
12
8
124866
7813
93
74
59
52
638907
682029
688498
688503
688525
688529
563671
680724
688444
688463
688478
688485
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

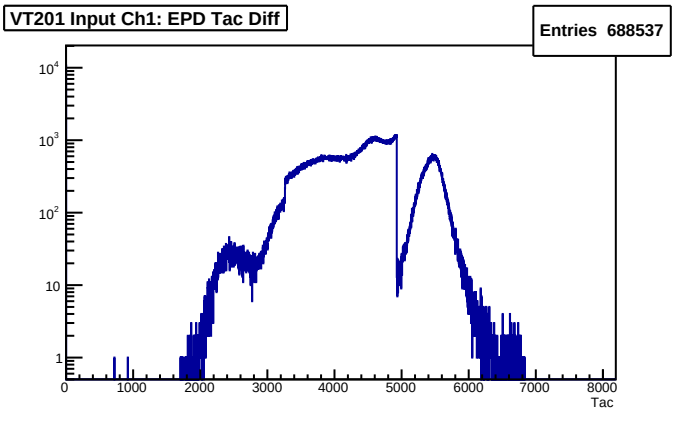

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

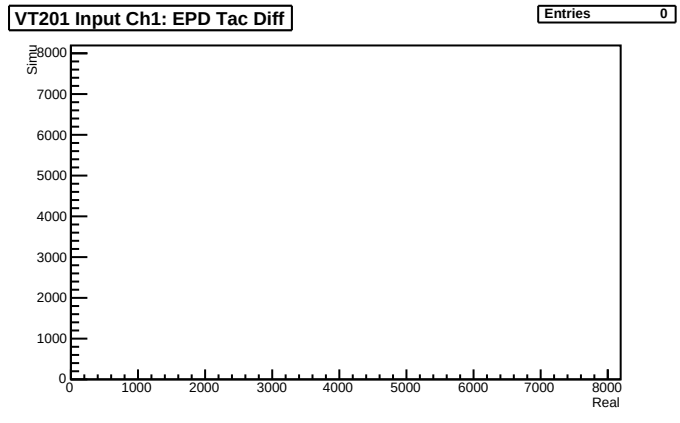

VT201 Input Ch0: BBC Small Tac Diff
Entries 688537
Tac

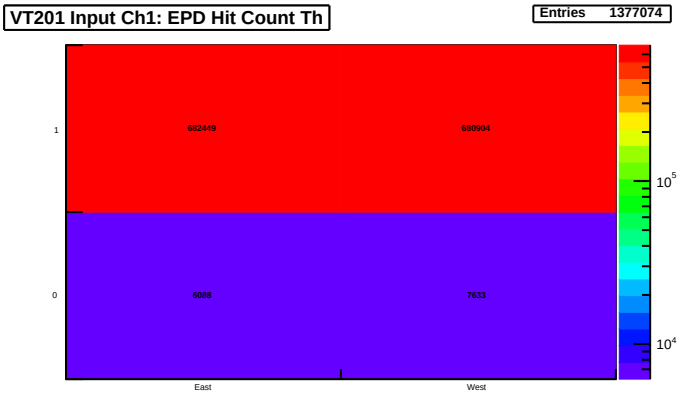

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

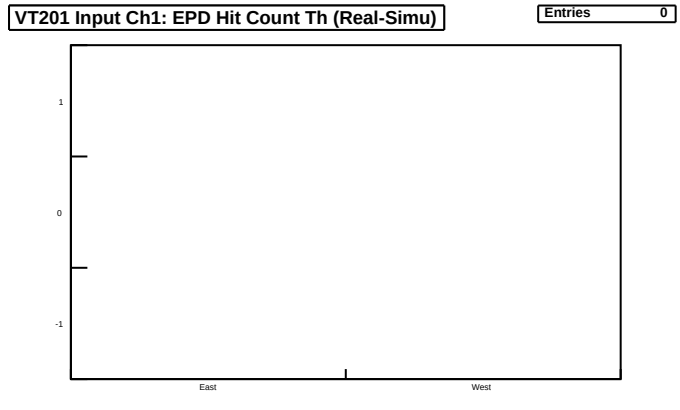

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1377074
414434
607526
274103
81011
East
West

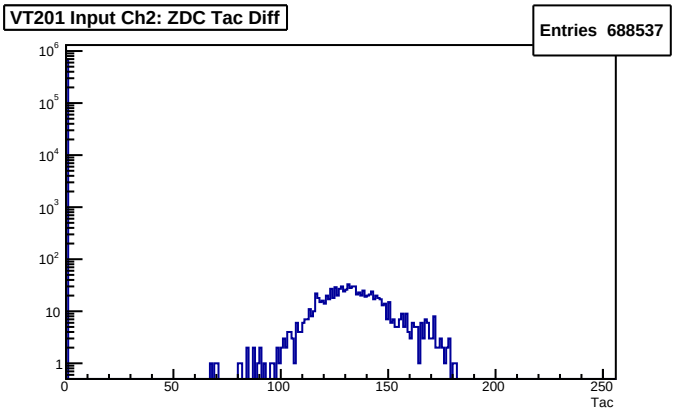

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

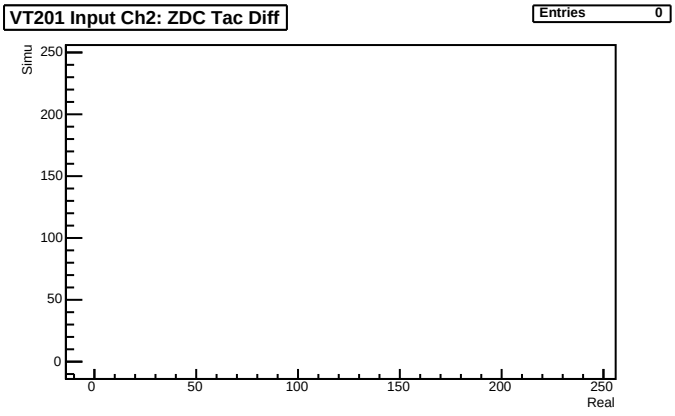

VT201 Input Ch1: EPD Tac Diff
Entries 688537
Tac

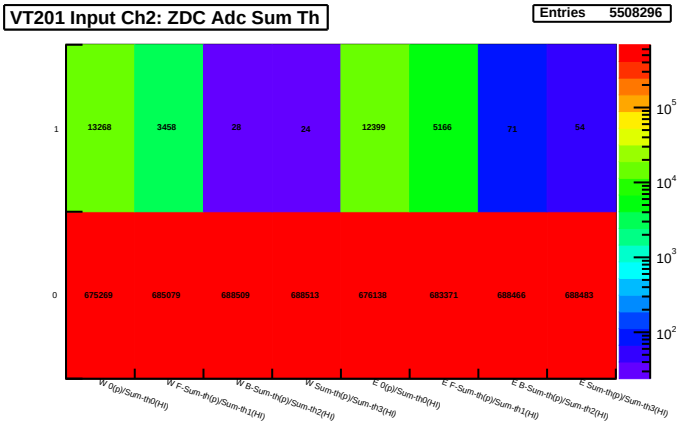

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

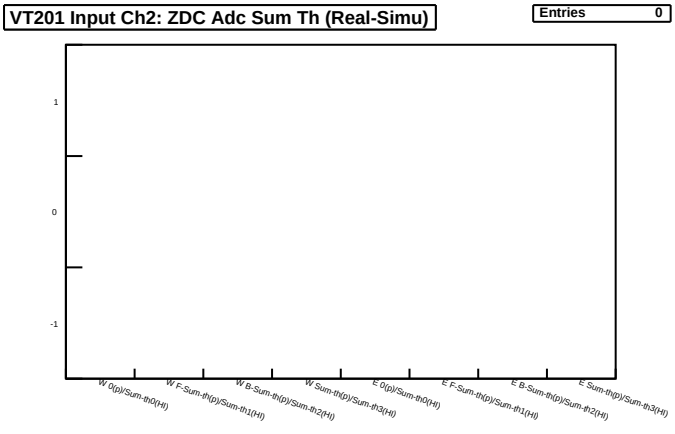

VT201 Input Ch1: EPD Hit Count Th
Entries 1377074
682449
680904
6088
7633
East
West

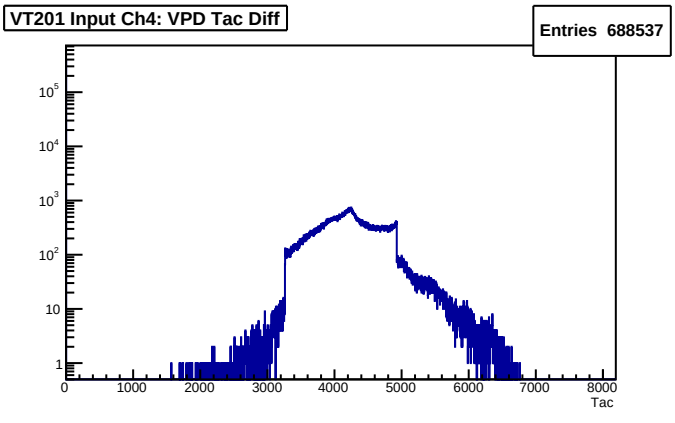

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

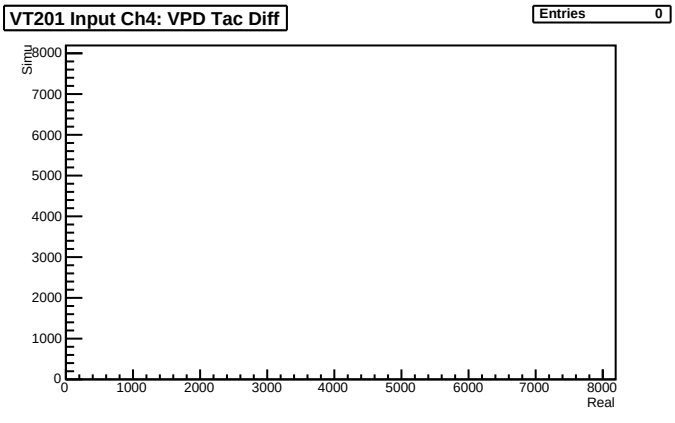

VT201 Input Ch2: ZDC Tac Diff
Entries 688537
Tac

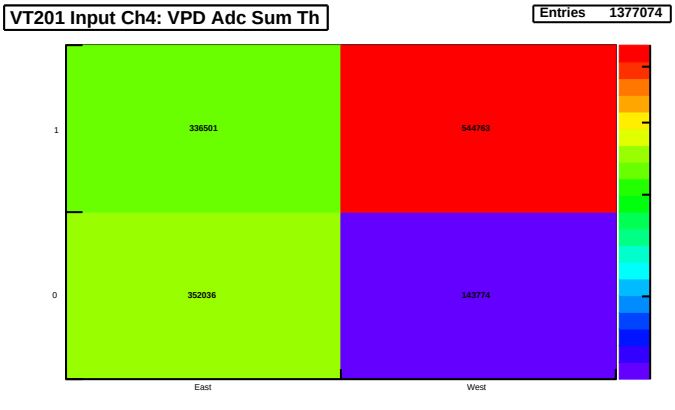

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

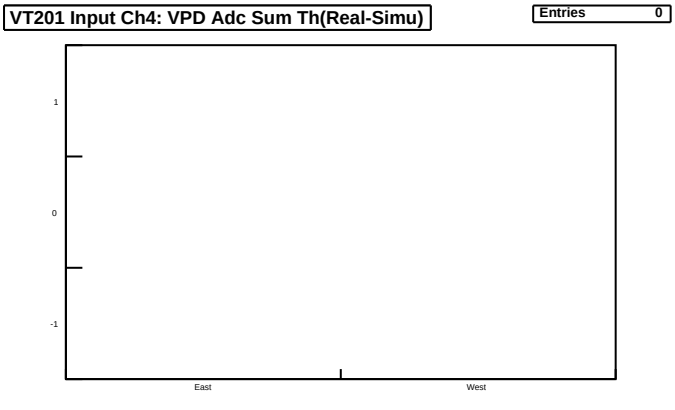

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5508296
13268
3458
28
24
12399
5166
71
54
675269
685079
688509
688513
676138
683371
688466
688483
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

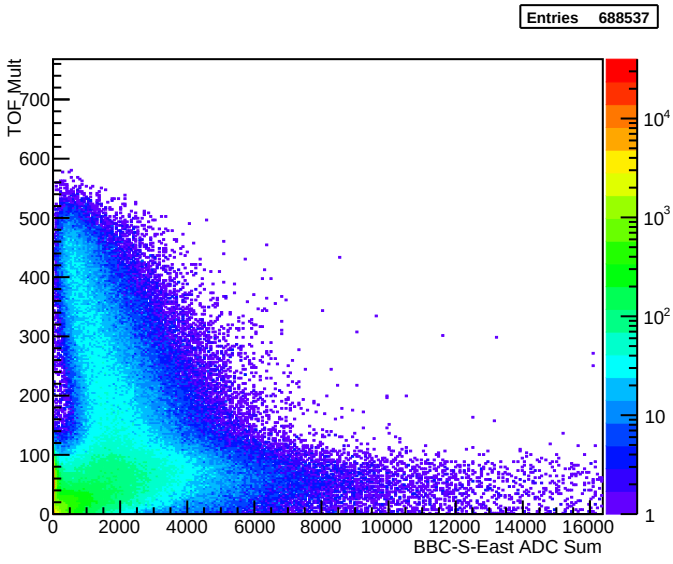

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

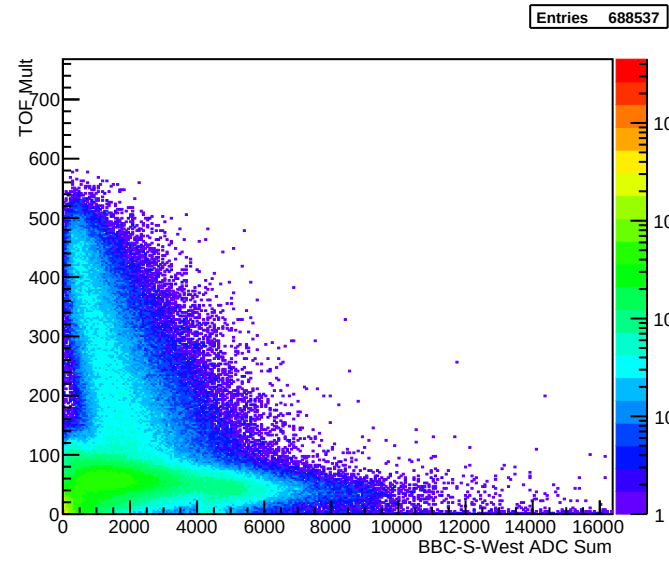

VT201 Input Ch4: VPD Tac Diff
Entries 688537
Tac

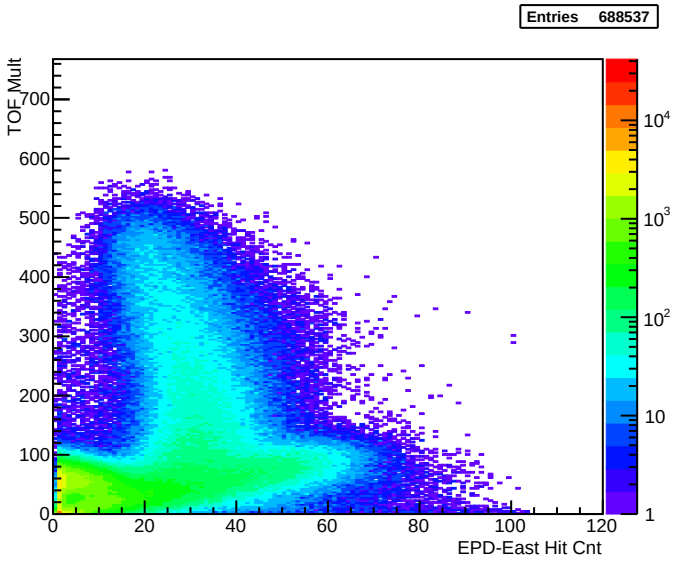

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

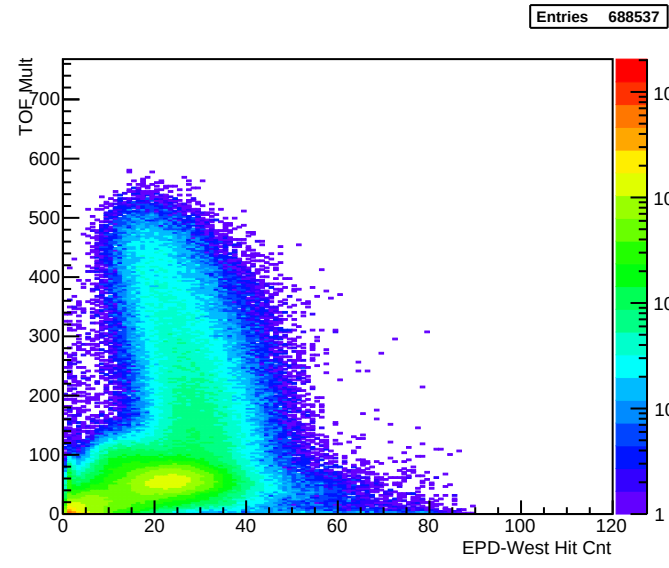

VT201 Input Ch4: VPD Adc Sum Th
Entries 1377074
336501
544763
352036
143774
East
West

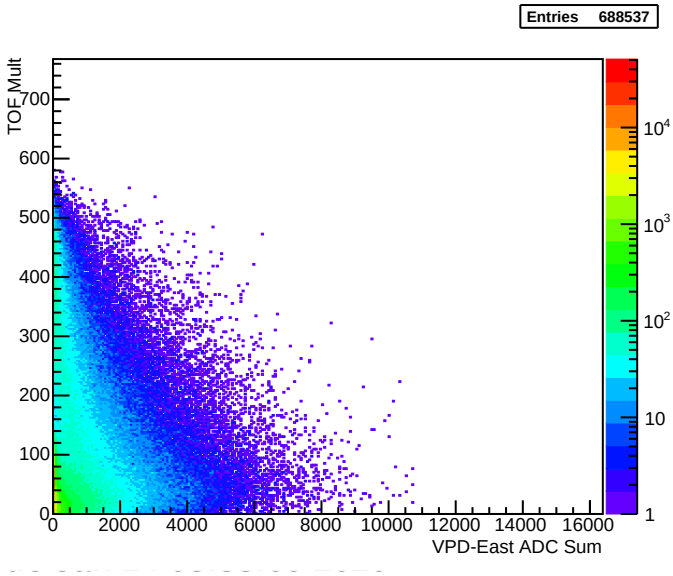

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

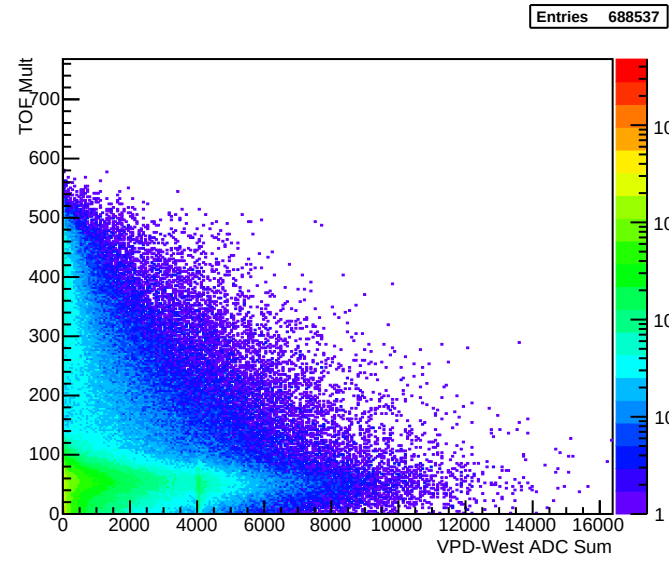

Entries 688537
TOF_Mult
BBC-S-East ADC Sum

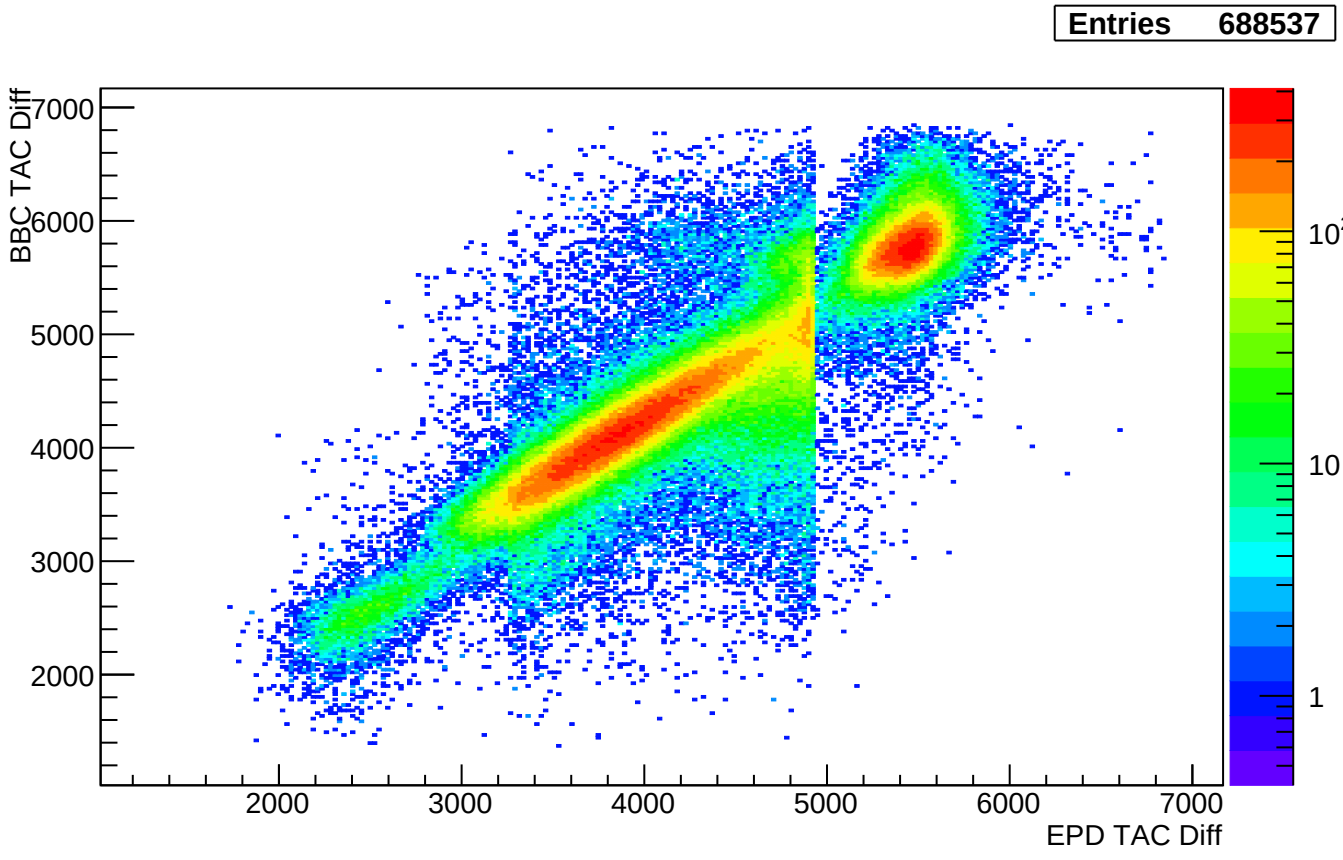

Entries 688537
TOF_Mult
BBC-S-West ADC Sum

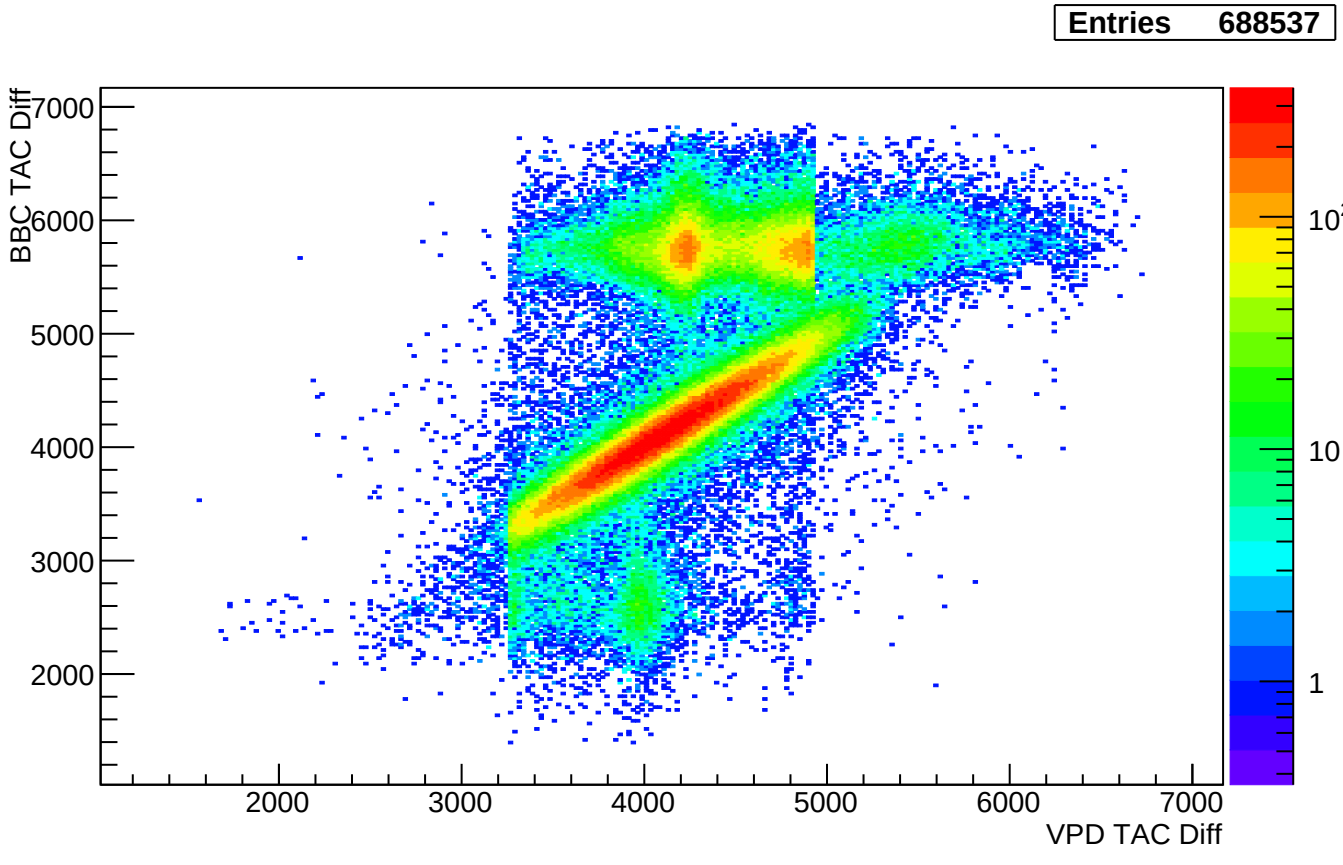

Entries 688537
TOF_Mult
EPD-East Hit Cnt

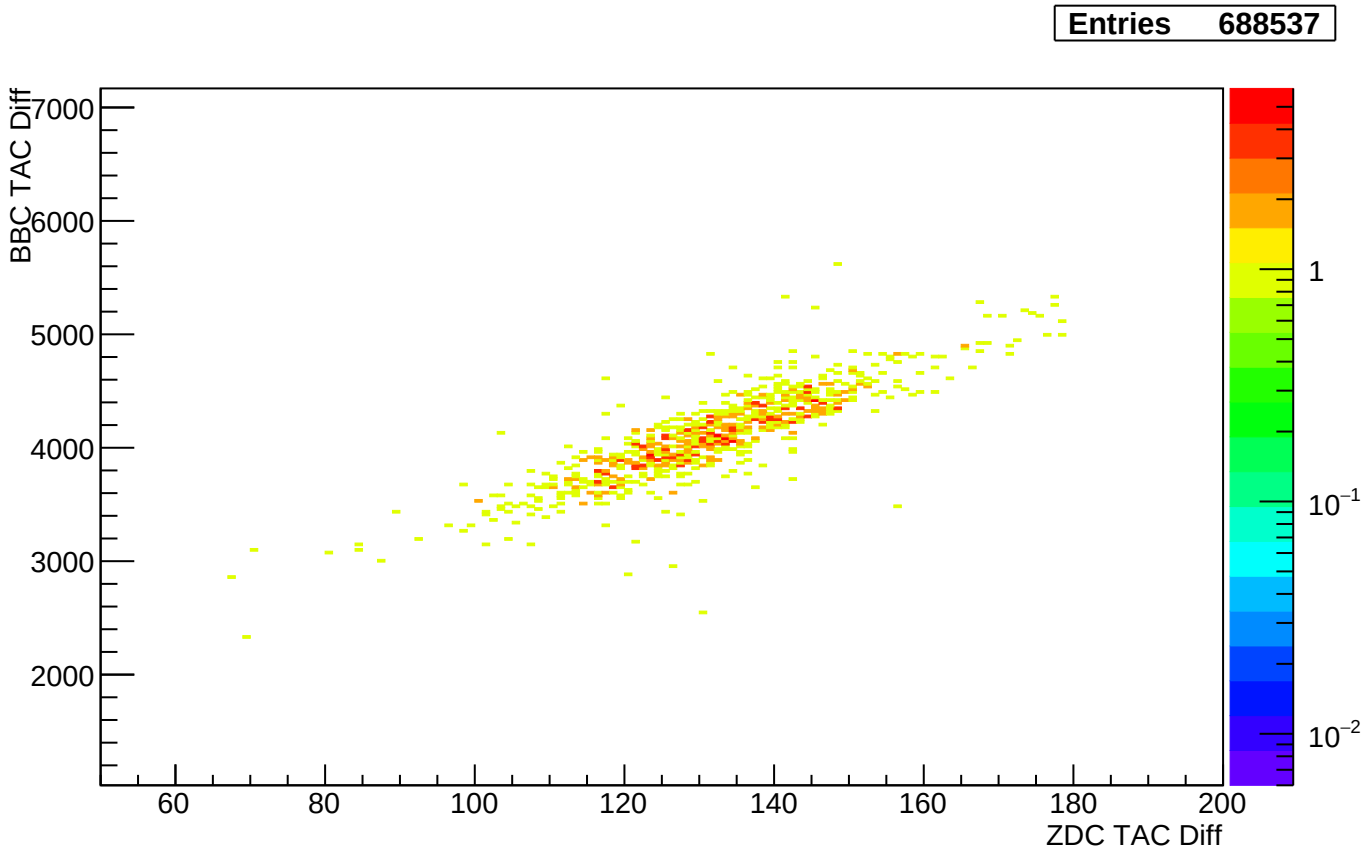

Entries 688537
TOF_Mult
EPD-West Hit Cnt

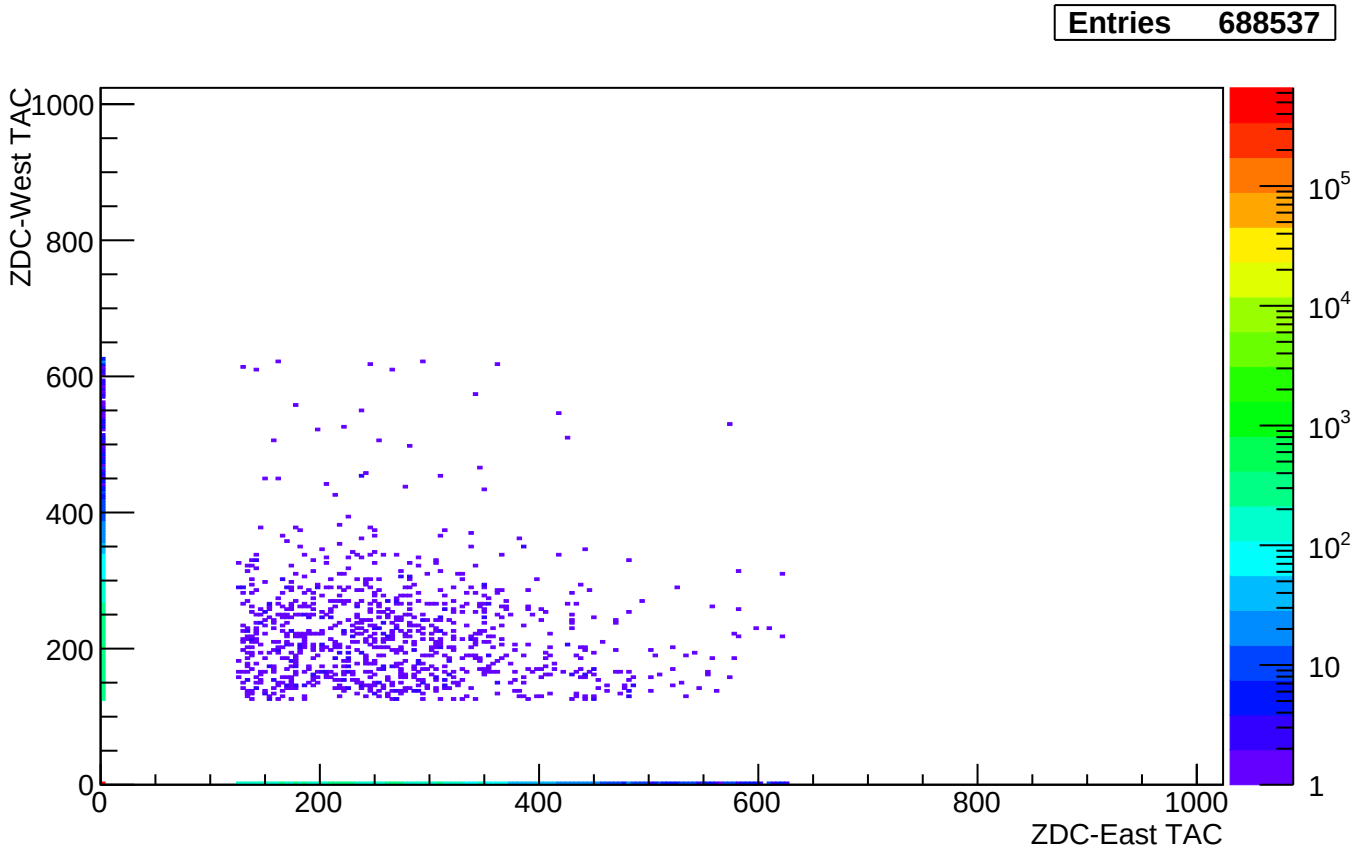

Entries 688537
TOF_Mult
VPD-East ADC Sum

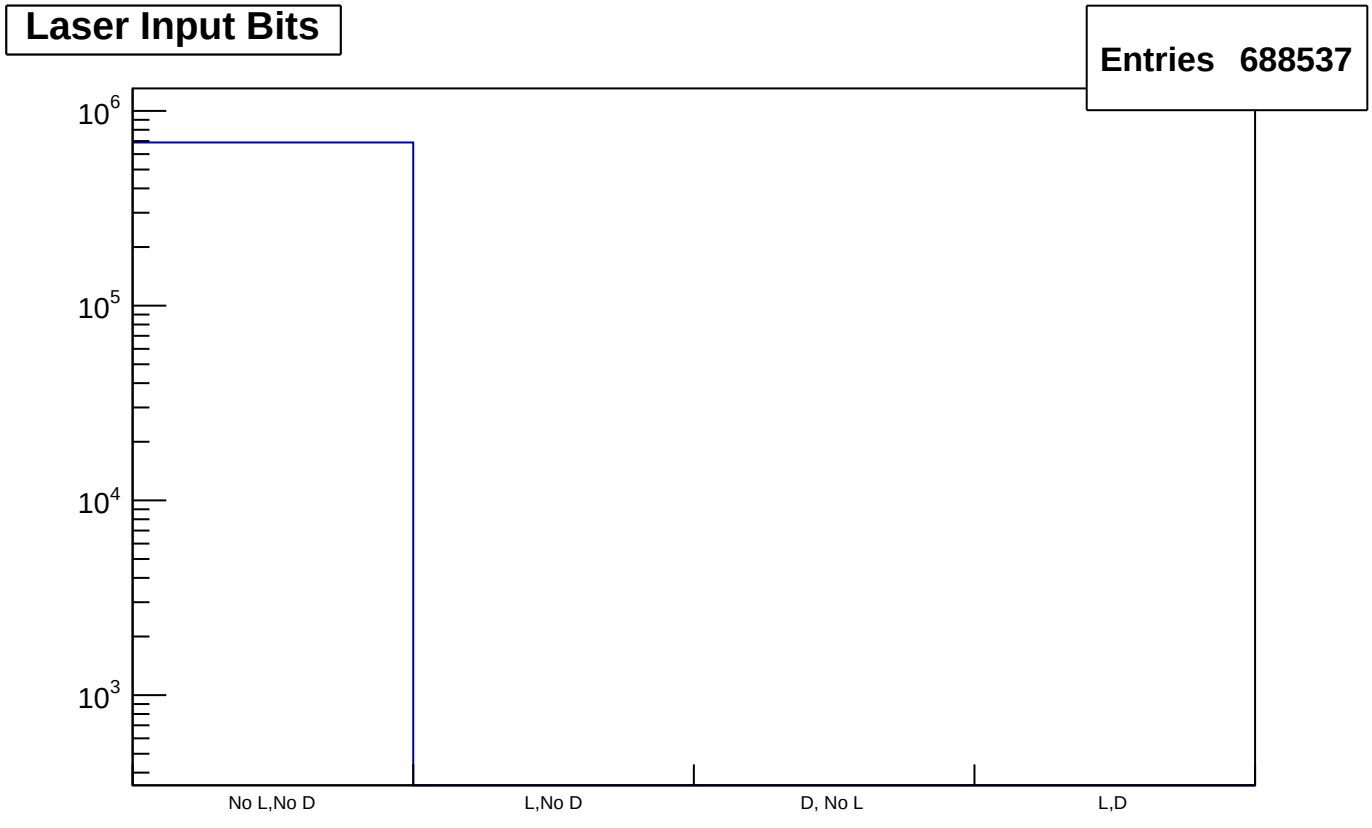

Entries 688537
TOF_Mult
VPD-West ADC Sum

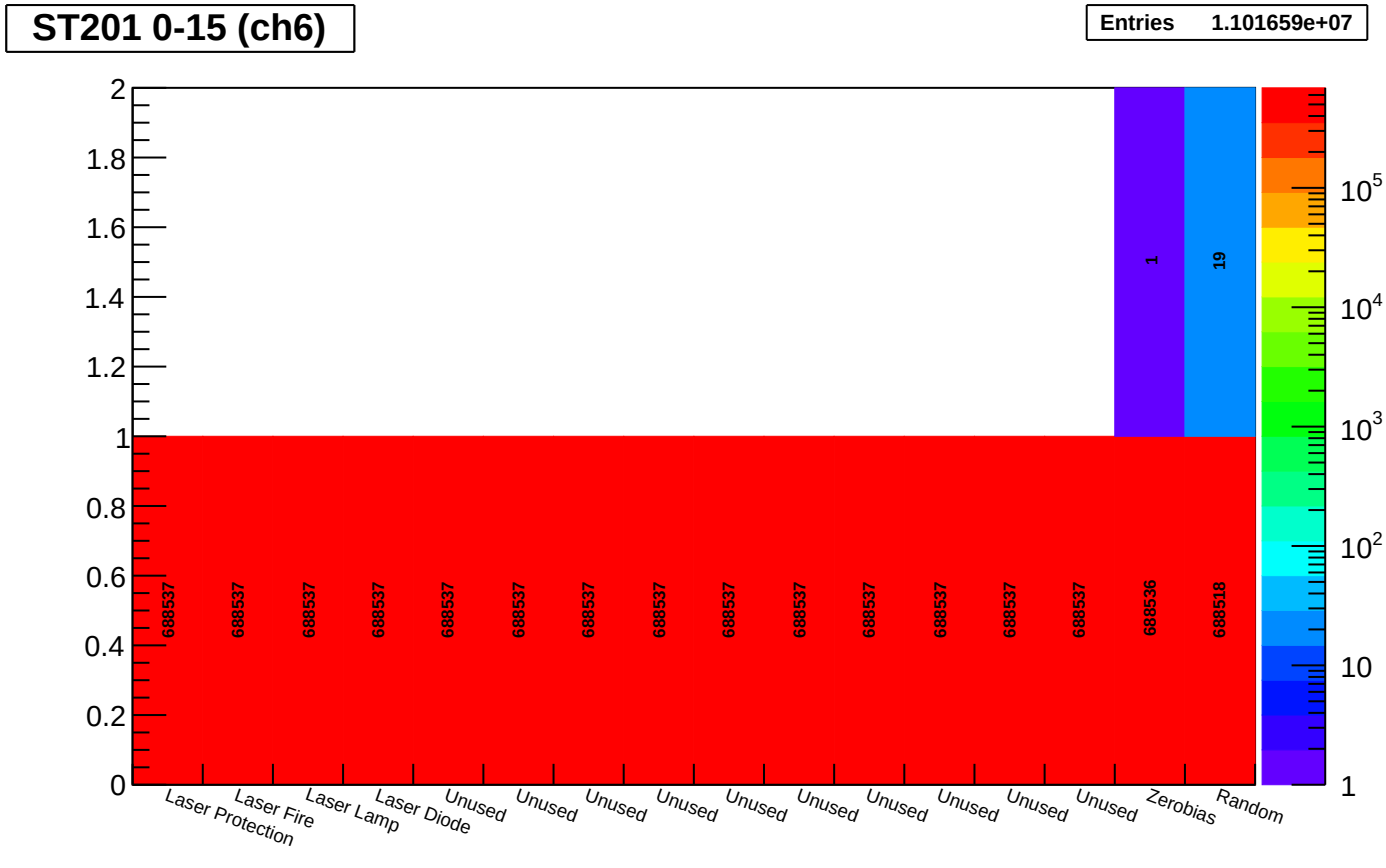

Entries 688537
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

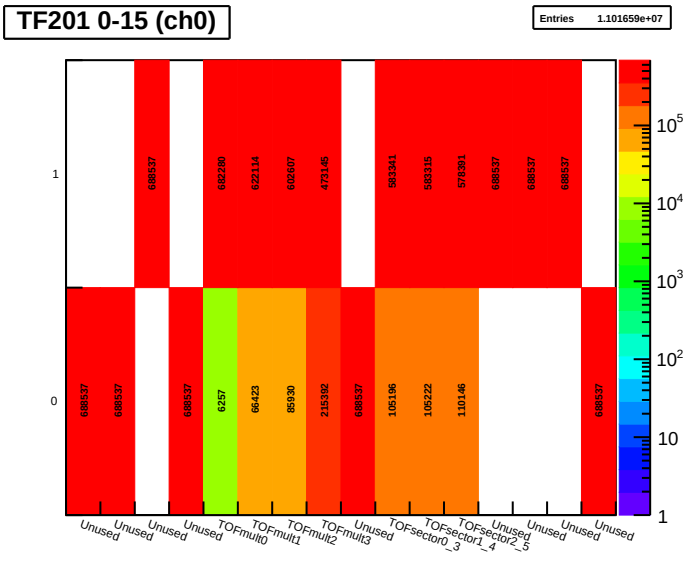

Entries 688537
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

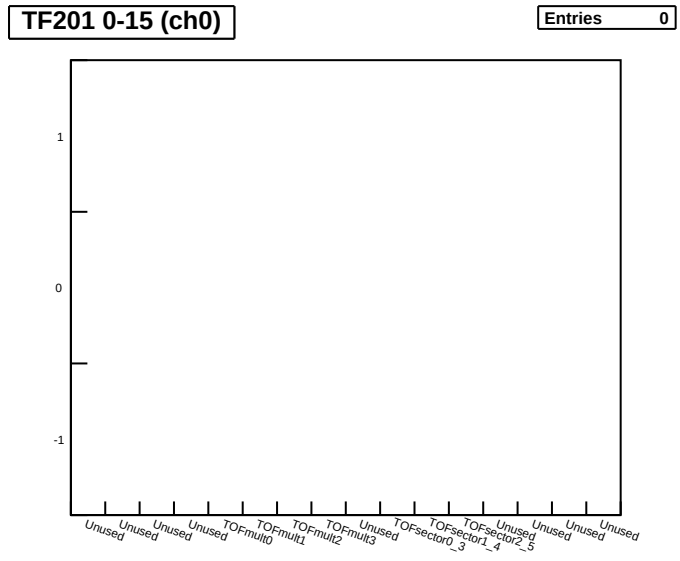

Entries 688537
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

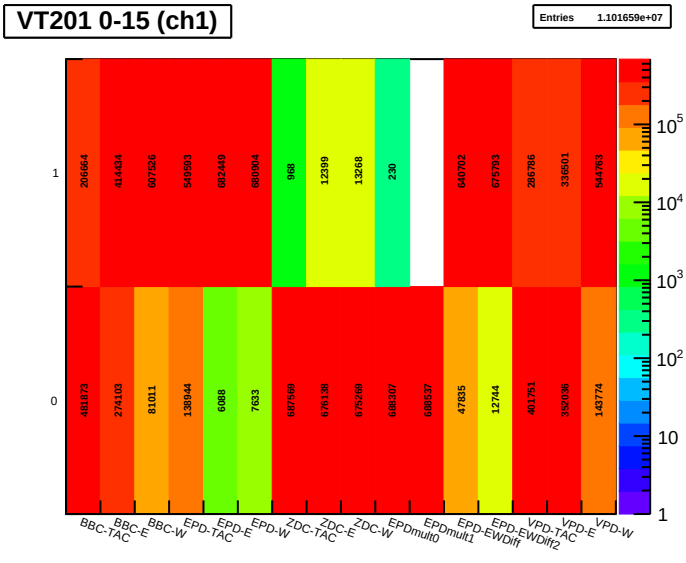

Entries 688537
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

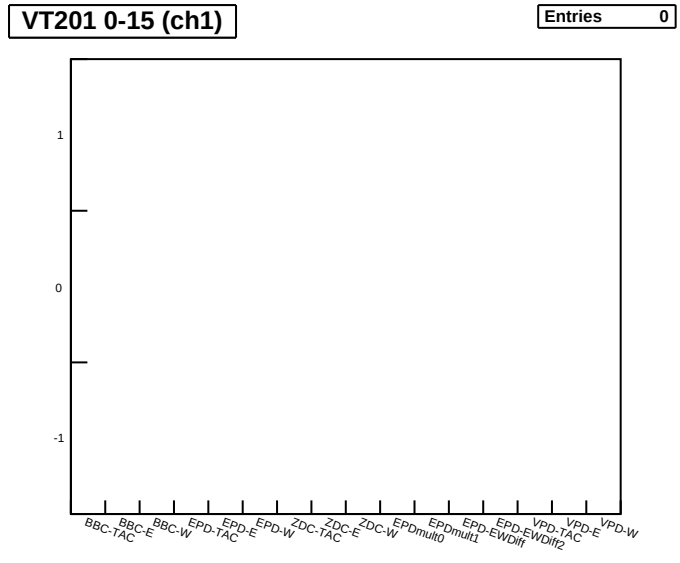

Laser Input Bits
Entries 688537
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

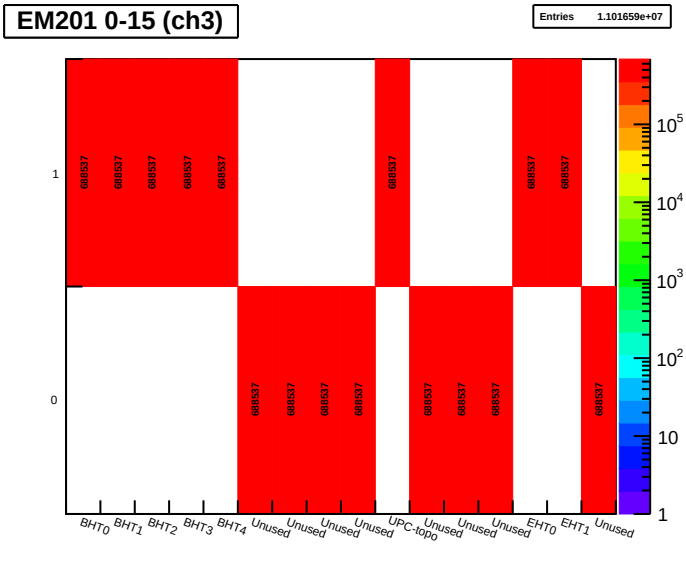

ST201 0-15 (ch6)
Entries 1.101659e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
688537
688537
688537
688537
688537
688537
688537
688537
688537
688537
688537
688537
688537
688537
688536
688518
1
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

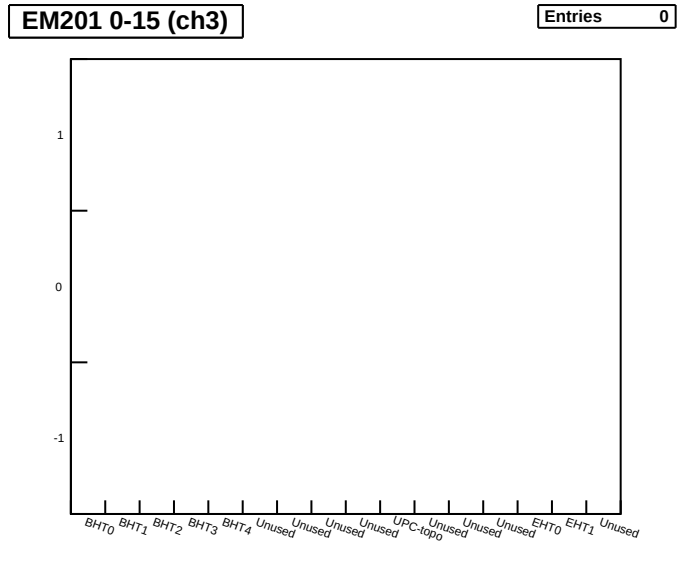

TF201 0-15 (ch0)
Entries 1.101659e+07
1
0
688537 688537 688537 688537 688537 688537 688537 688537 688537 688537 688537 688537 688537 688537 688537 688537
622280 622114 622607 473145 583341 583315 576391 688537 688537 688537
6257 66423 85930 215382 105196 105222 110146
Unused Unused Unused Unused TOFmult0 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 1.101659e+07
1
0
206654 414434 607526 549593 682449 680904 968 12399 13268 230 640702 675793 286766 336501 544763
481873 274103 81011 138944 6088 7633 687569 676138 675269 688307 688537 47835 12744 401751 352036 143774
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 1.101659e+07
1
0
688537 688537 688537 688537 688537 688537 688537 688537 688537
688537 688537 688537 688537 688537 688537 688537 688537
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