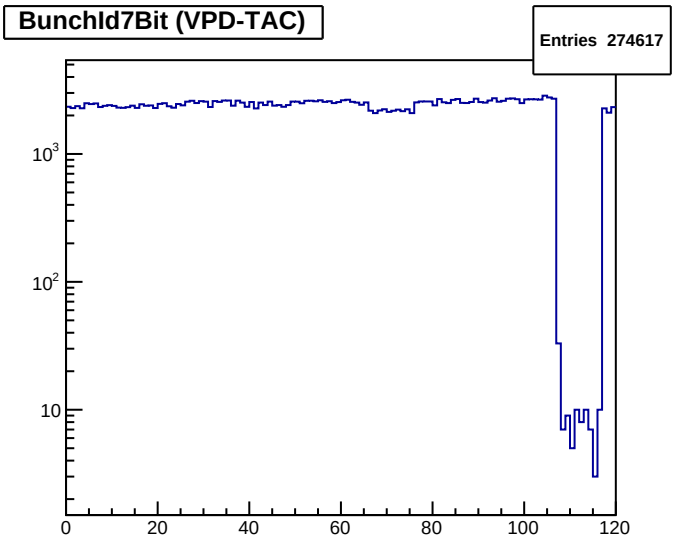
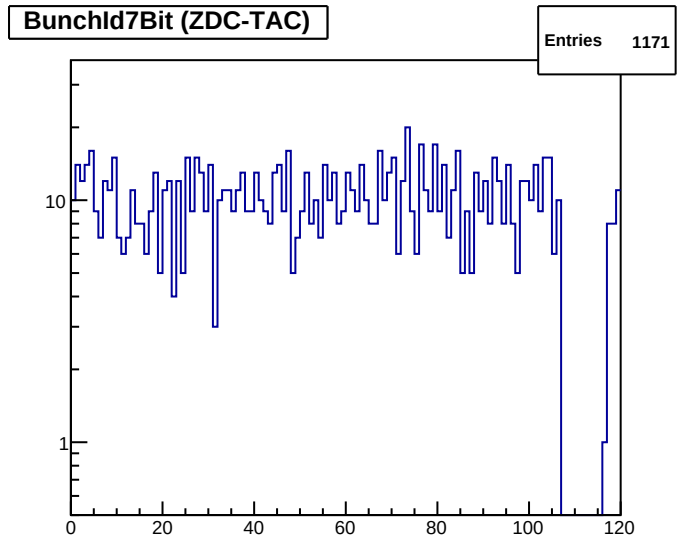
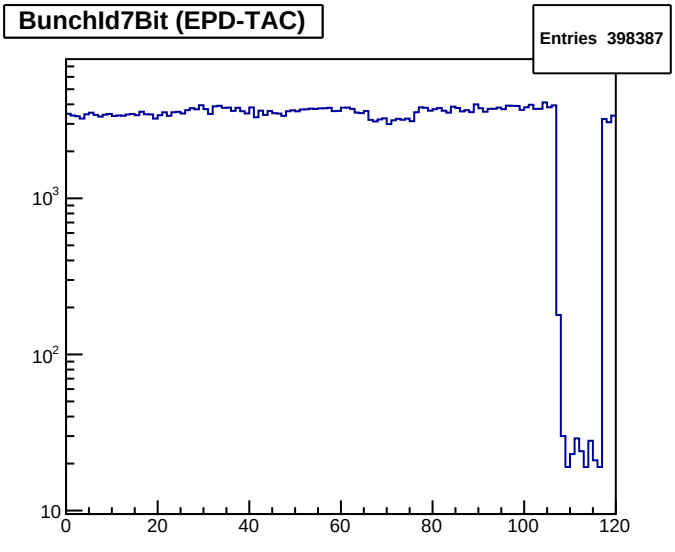
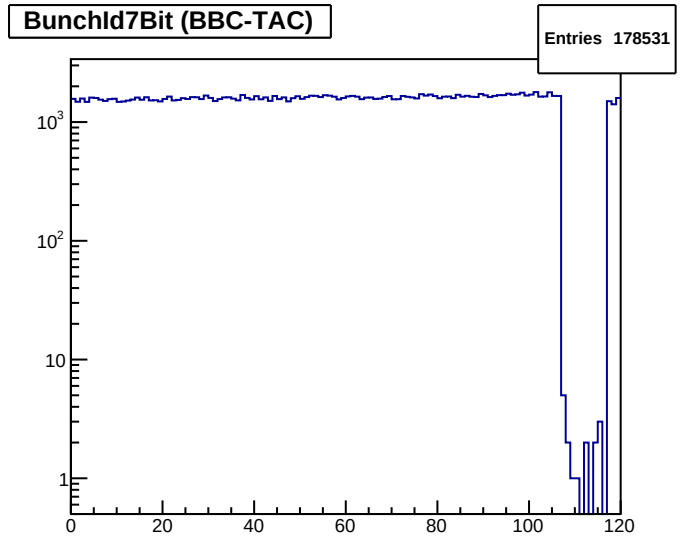
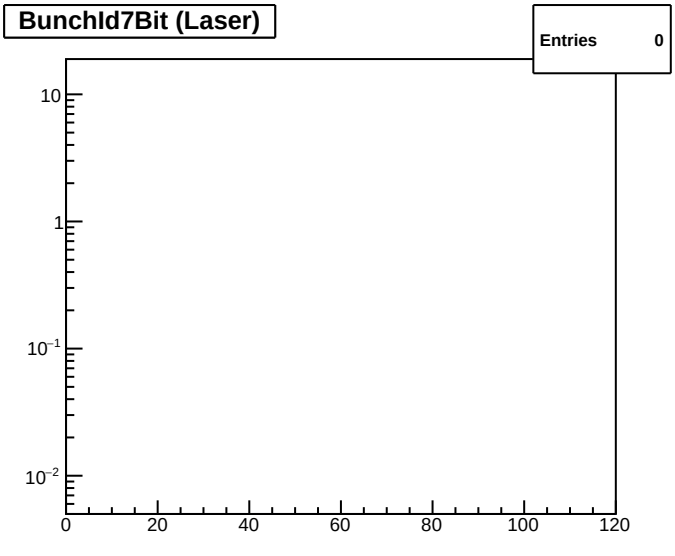
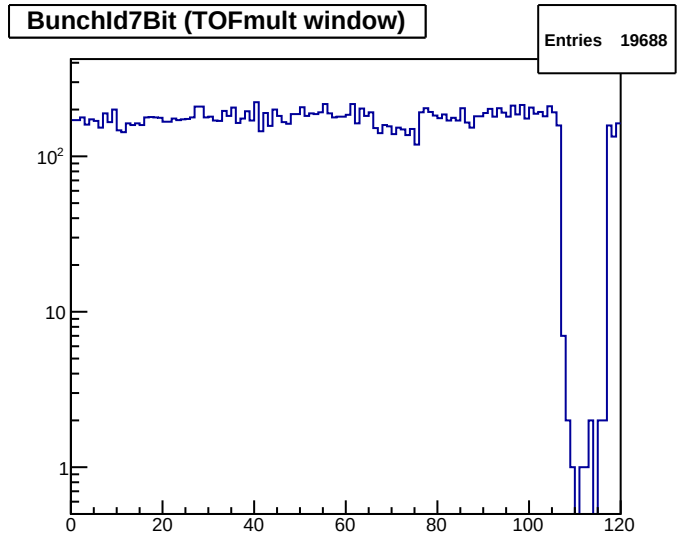

BunchId7Bit (VPD-TAC)
Entries 274617

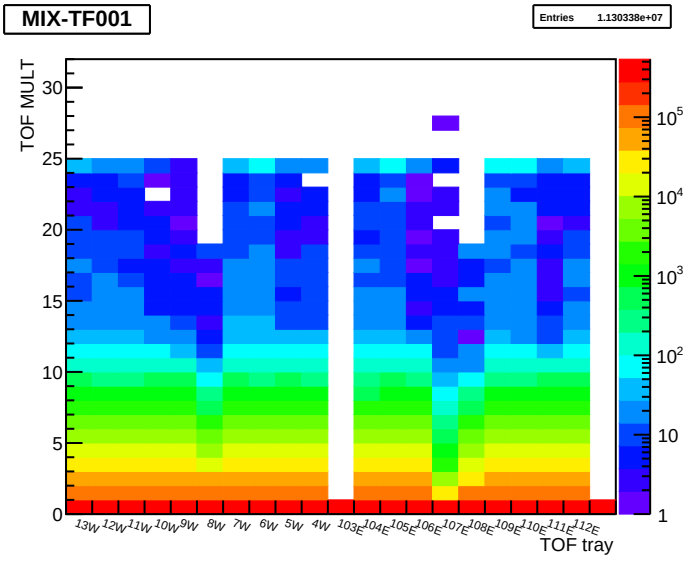

BunchId7Bit (ZDC-TAC)
Entries 1171

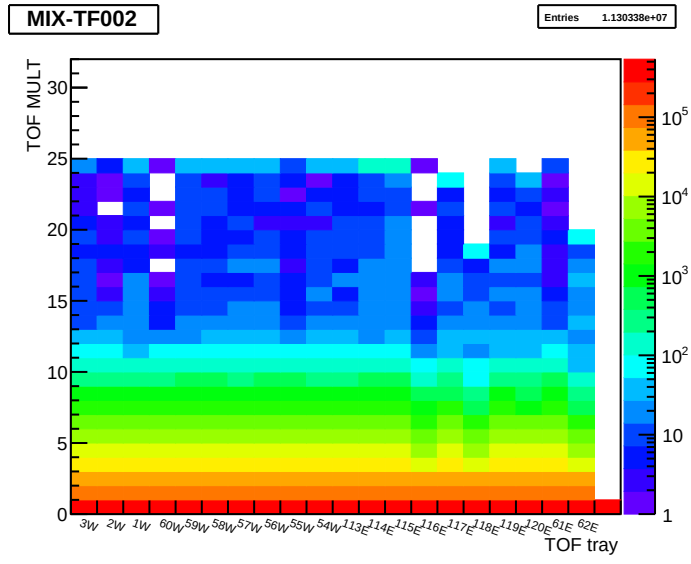

BunchId7Bit (EPD-TAC)
Entries 398387

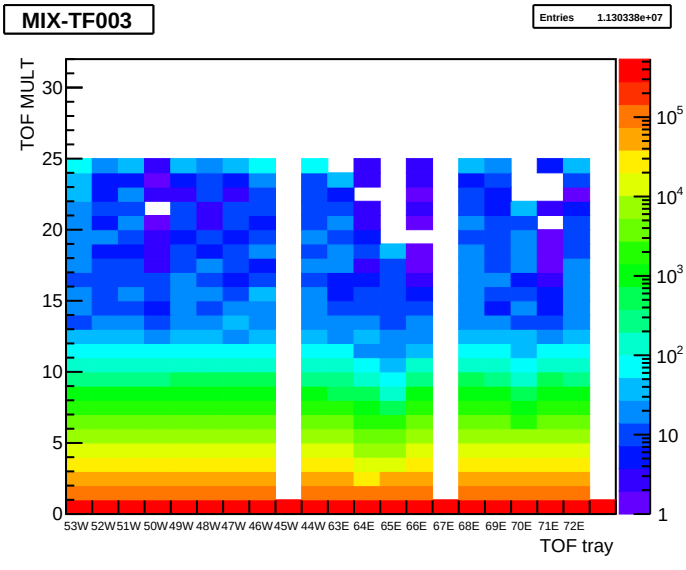

BunchId7Bit (BBC-TAC)
Entries 178531

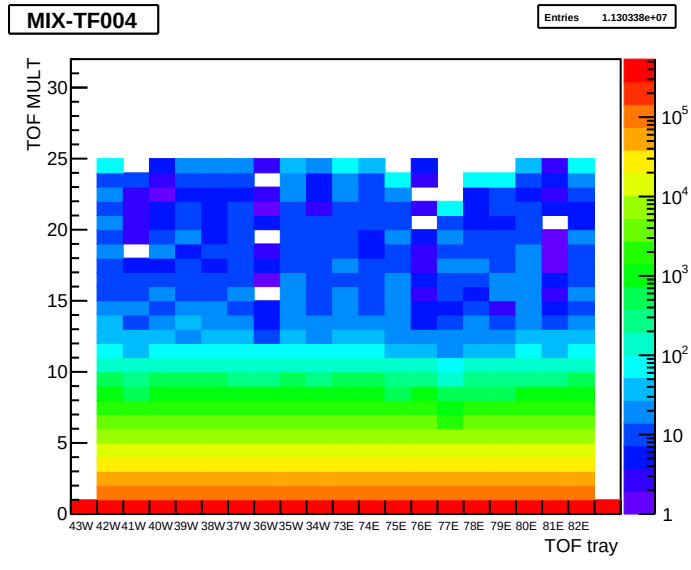

BunchId7Bit (Laser)
Entries 0

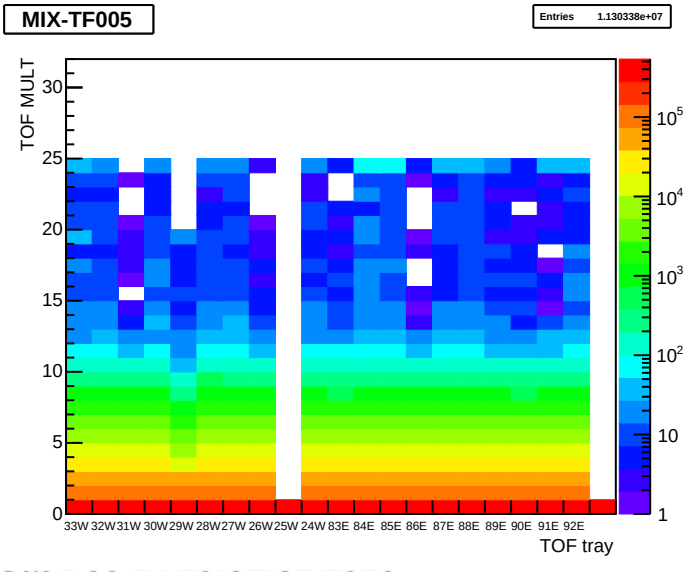

BunchId7Bit (TOFmult window)
Entries 19688

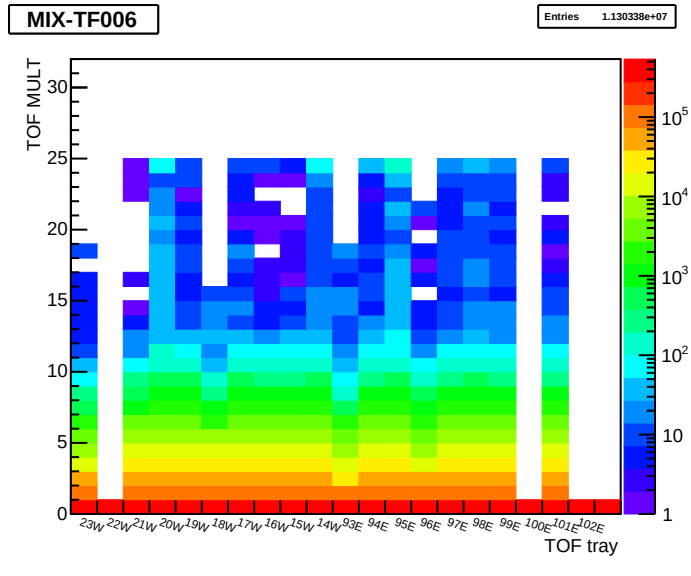

MIX-TF001
Entries 1.130338e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

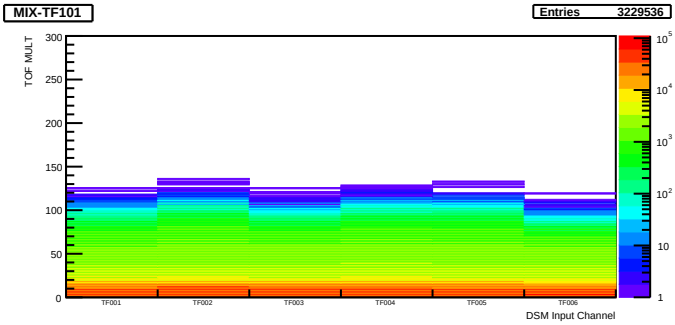

MIX-TF002
Entries 1.130338e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

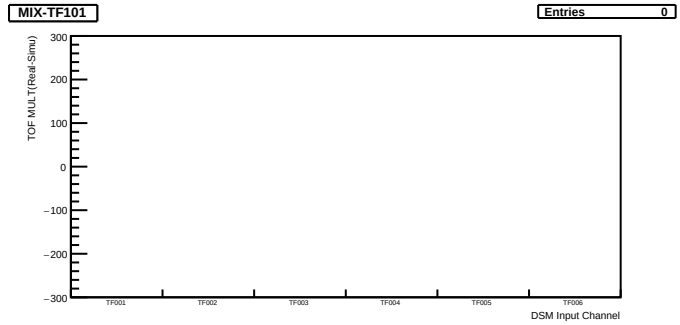

MIX-TF003
Entries 1.130338e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

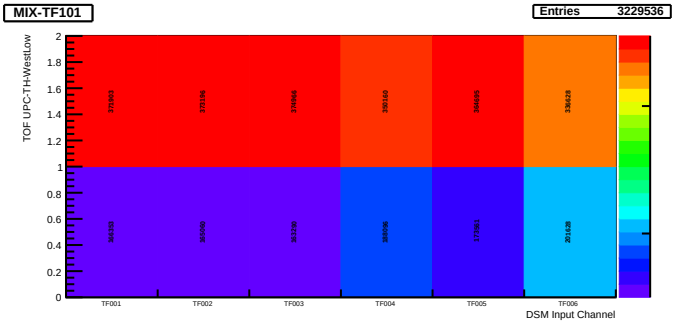

MIX-TF004
Entries 1.130338e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

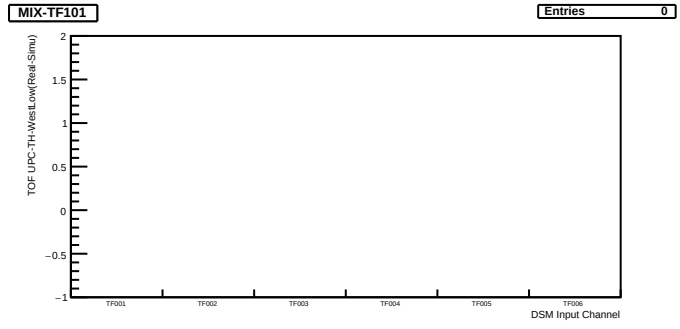

MIX-TF005
Entries 1.130338e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

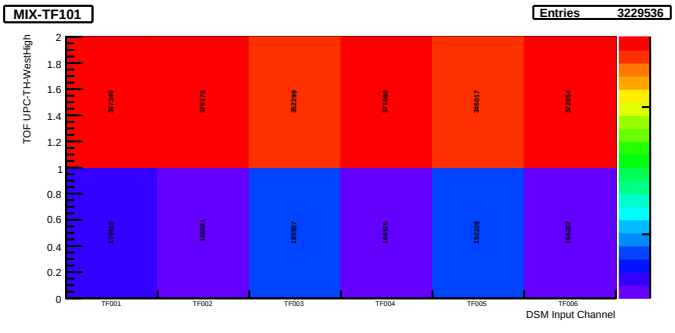

MIX-TF006
Entries 1.130338e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

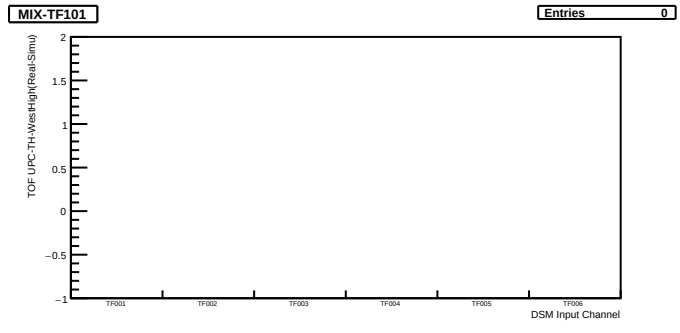

MIX-TF101
Entries 3229536
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

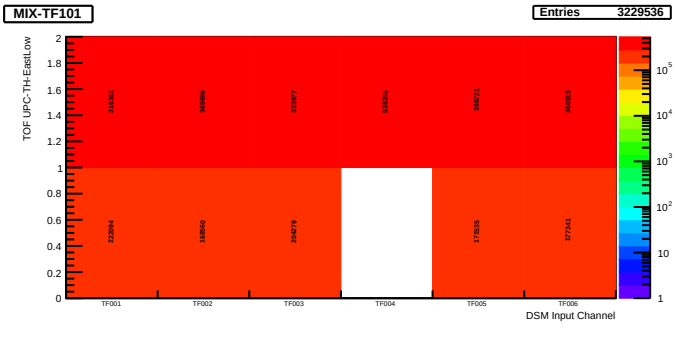

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

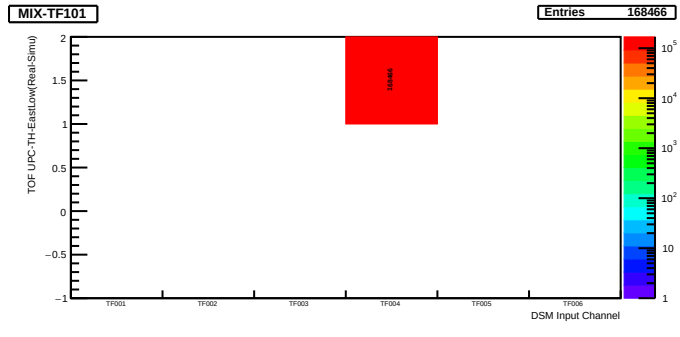

MIX-TF101
Entries 3229536
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

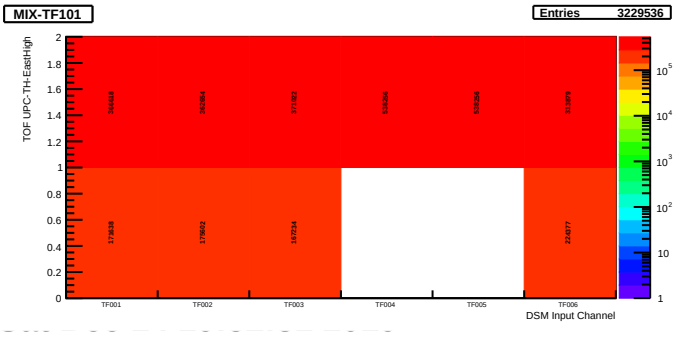

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

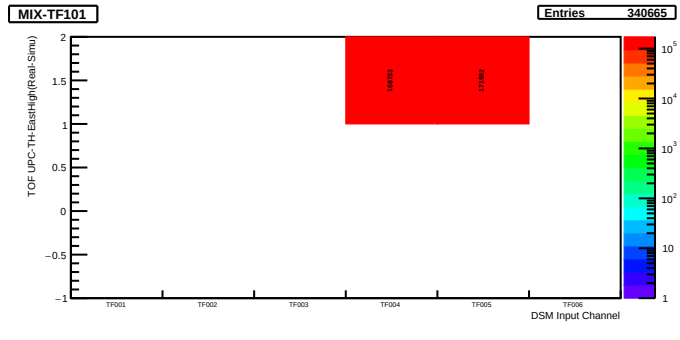

MIX-TF101
Entries 3229536
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

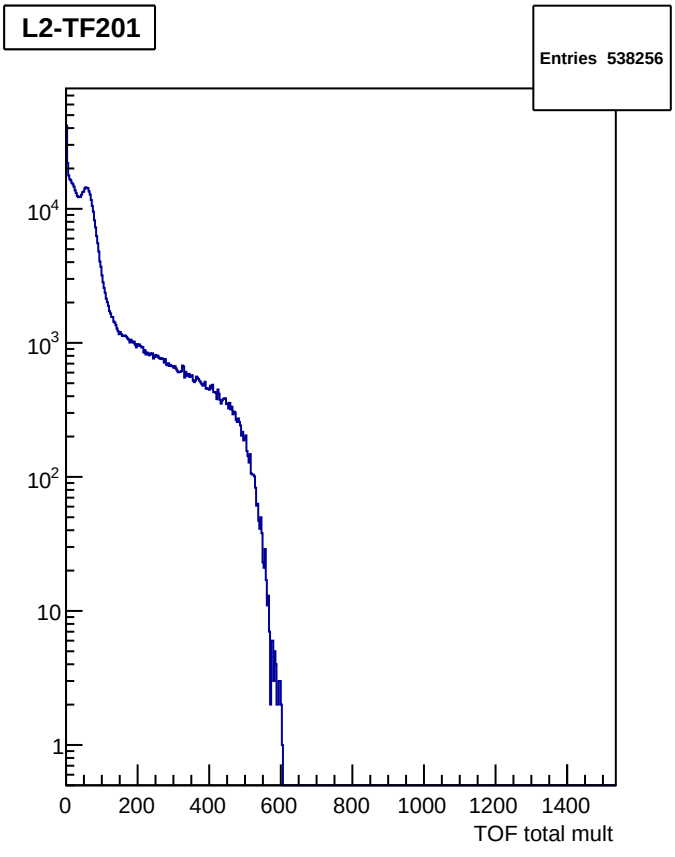

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

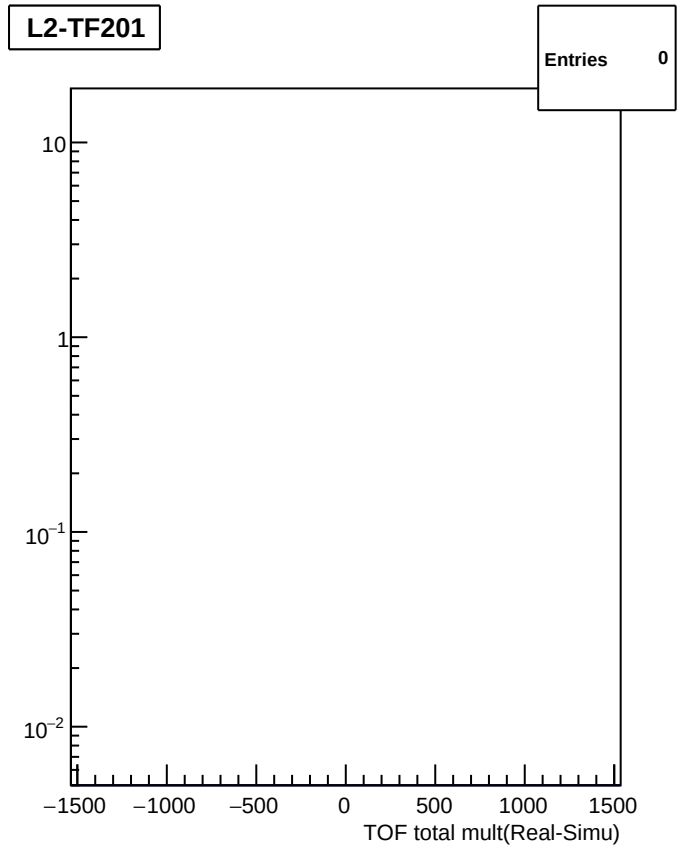

MIX-TF101
Entries 3229536
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

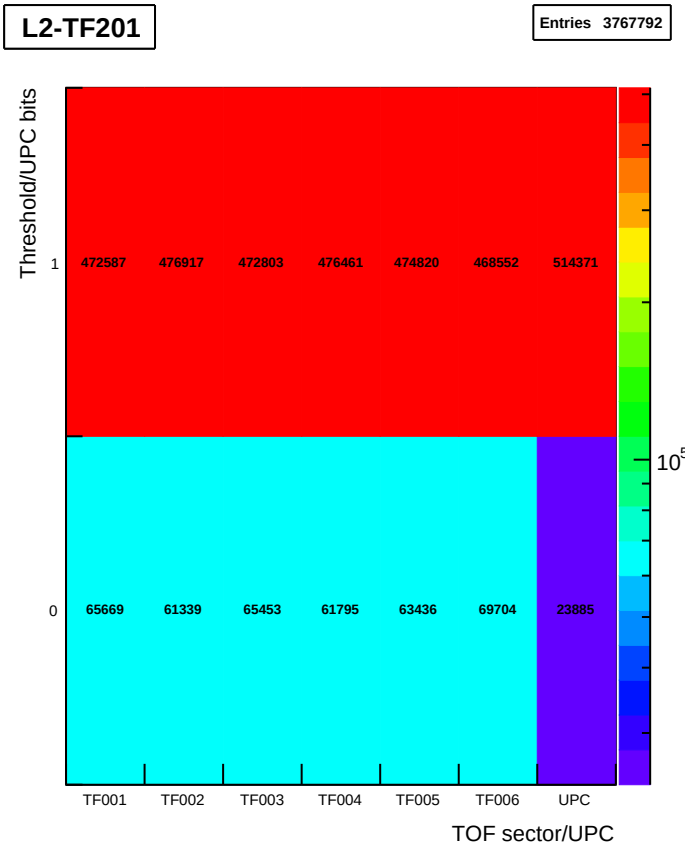

MIX-TF101
Entries 168466
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

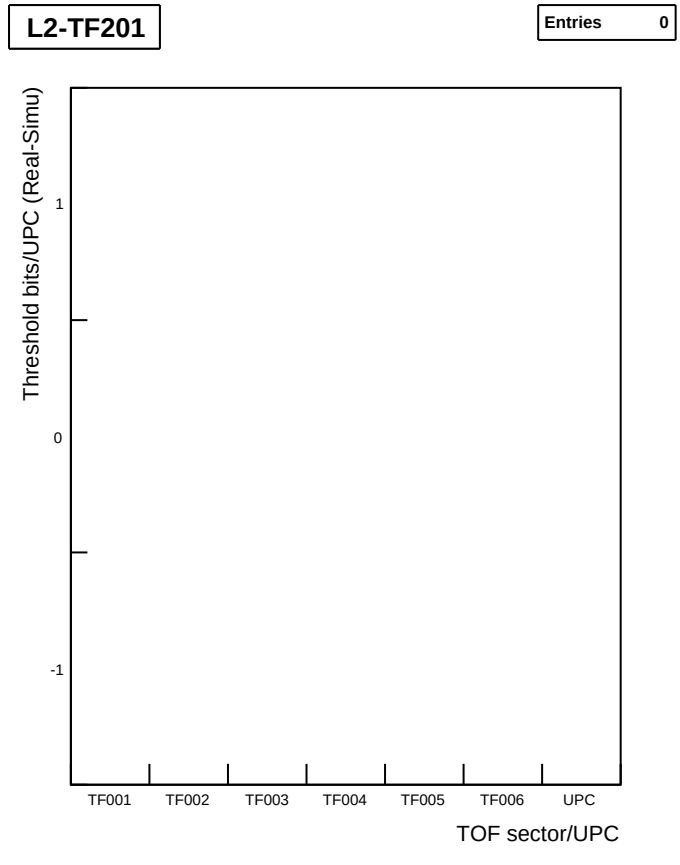

MIX-TF101
Entries 3229536
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

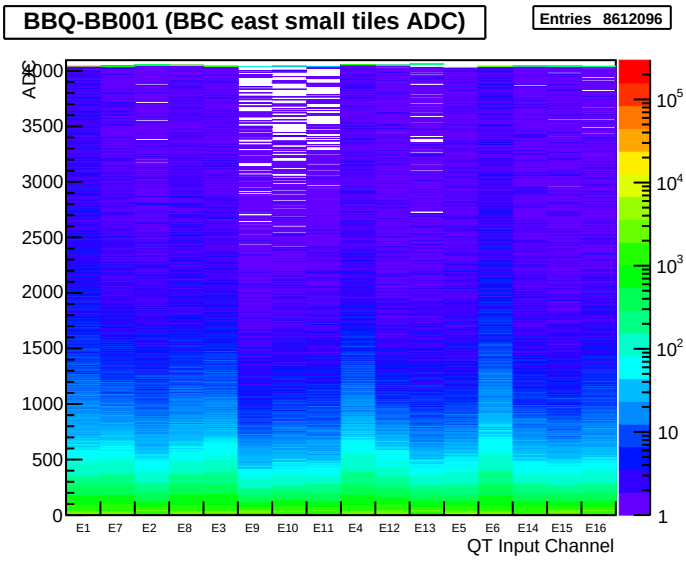

MIX-TF101
Entries 340665
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

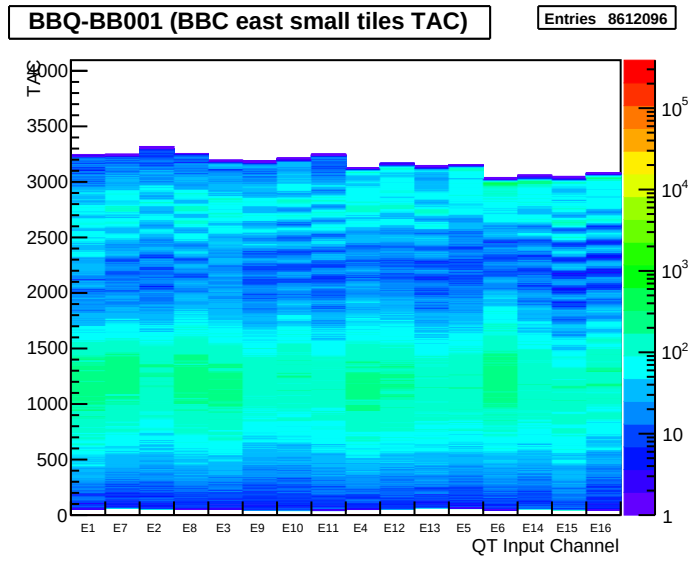

L2-TF201
Entries 538256
TOF total mult

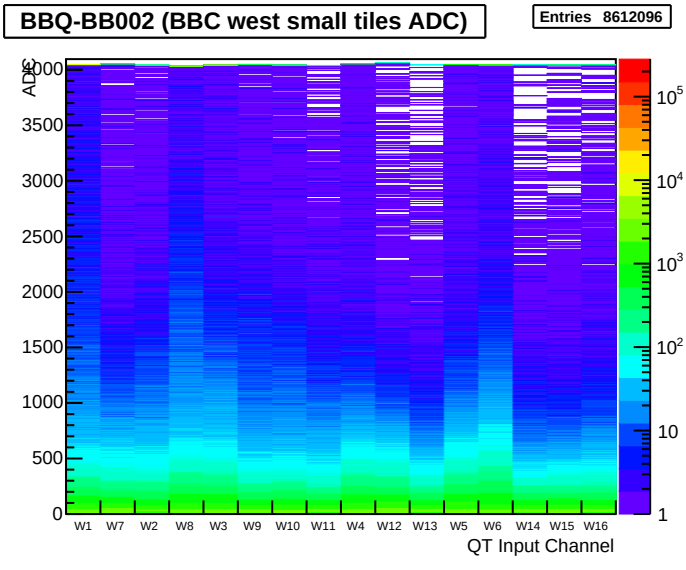

L2-TF201
Entries 0
TOF total mult(Real-Simu)

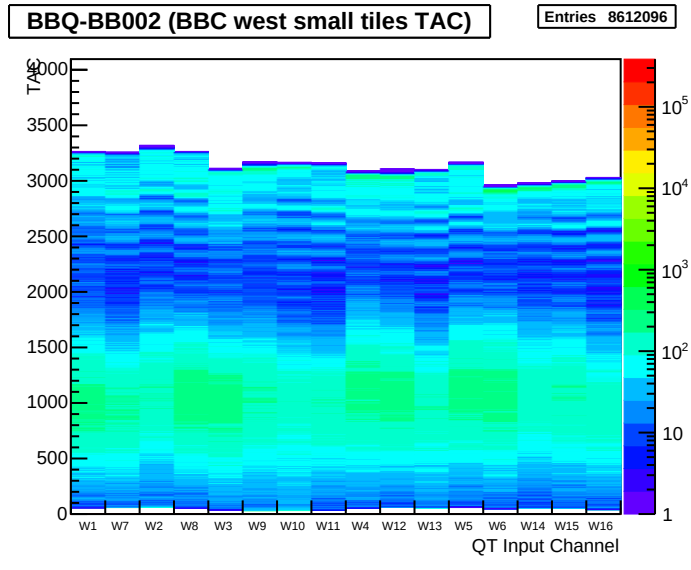

L2-TF201
Entries 3767792
Threshold/UPC bits
472587 476917 472803 476461 474820 468552 514371
65669 61339 65453 61795 63436 69704 23885
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

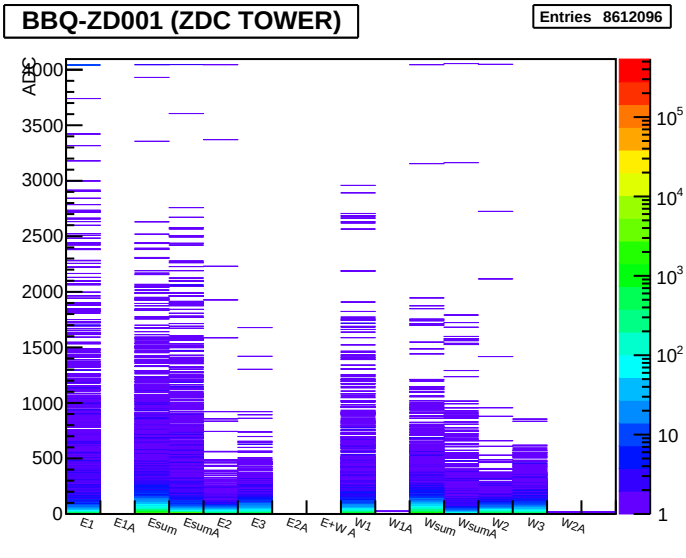

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

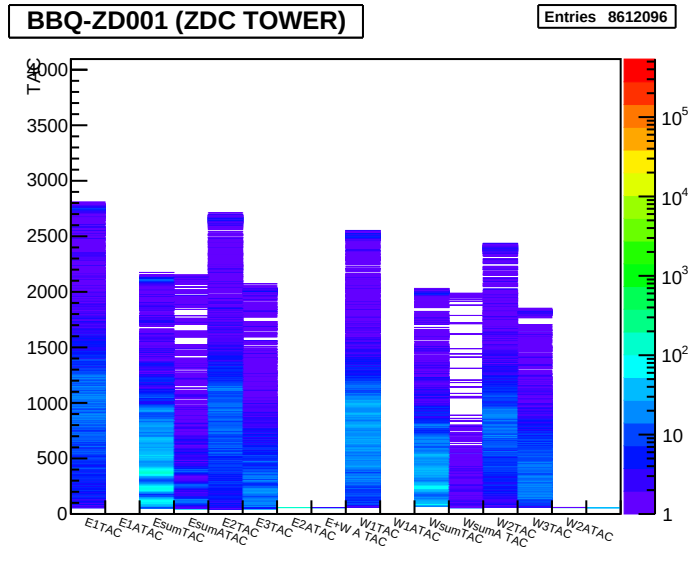

BBQ-BB001 (BBC east small tiles ADC)
Entries 8612096
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

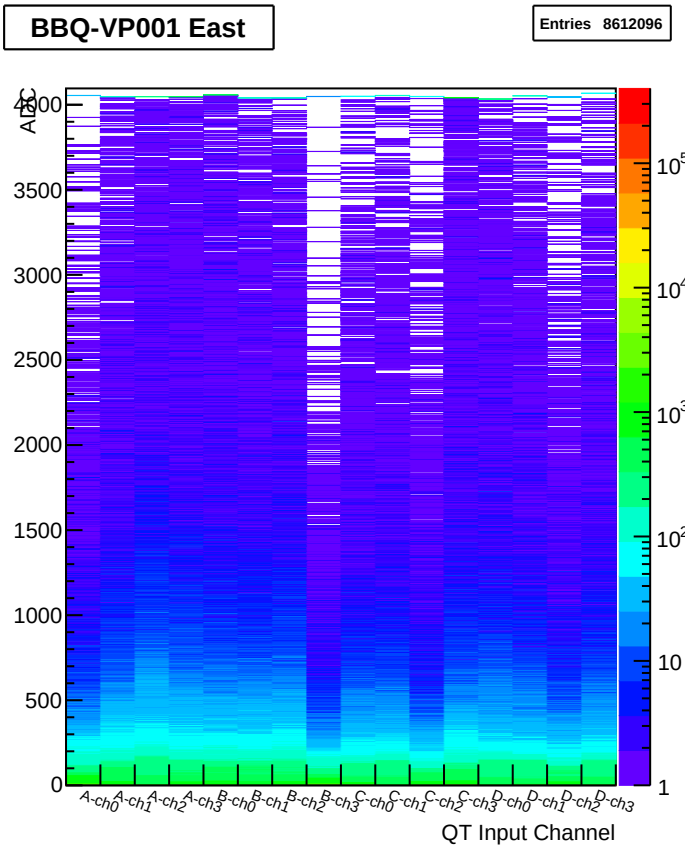

BBQ-BB001 (BBC east small tiles TAC)
Entries 8612096
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

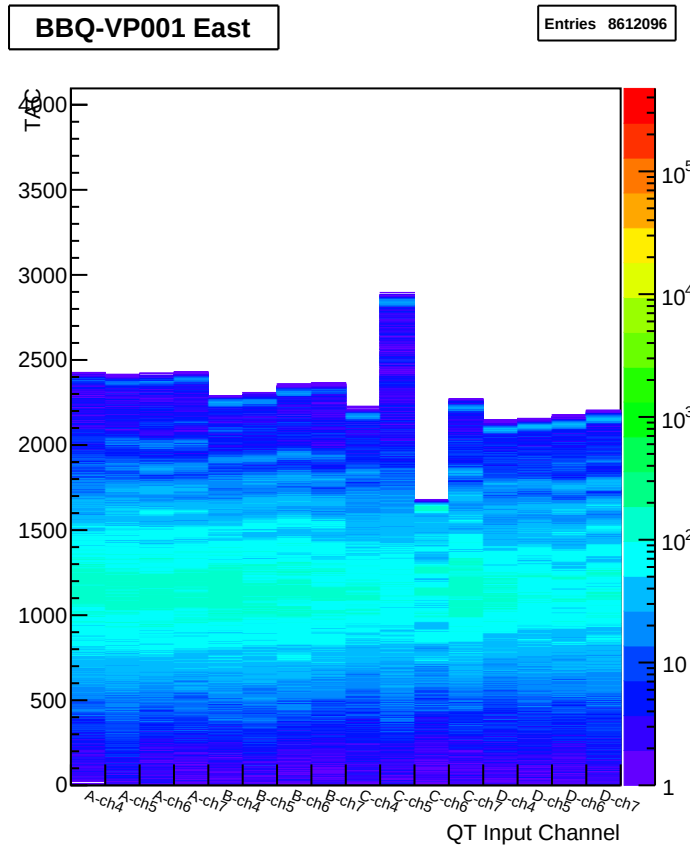

BBQ-BB002 (BBC west small tiles ADC)
Entries 8612096
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

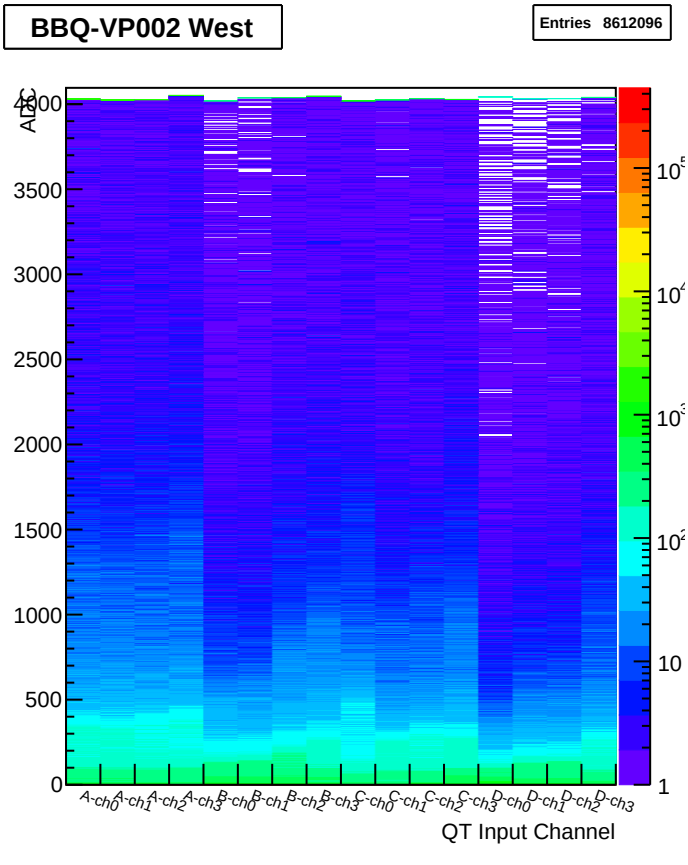

BBQ-BB002 (BBC west small tiles TAC)
Entries 8612096
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

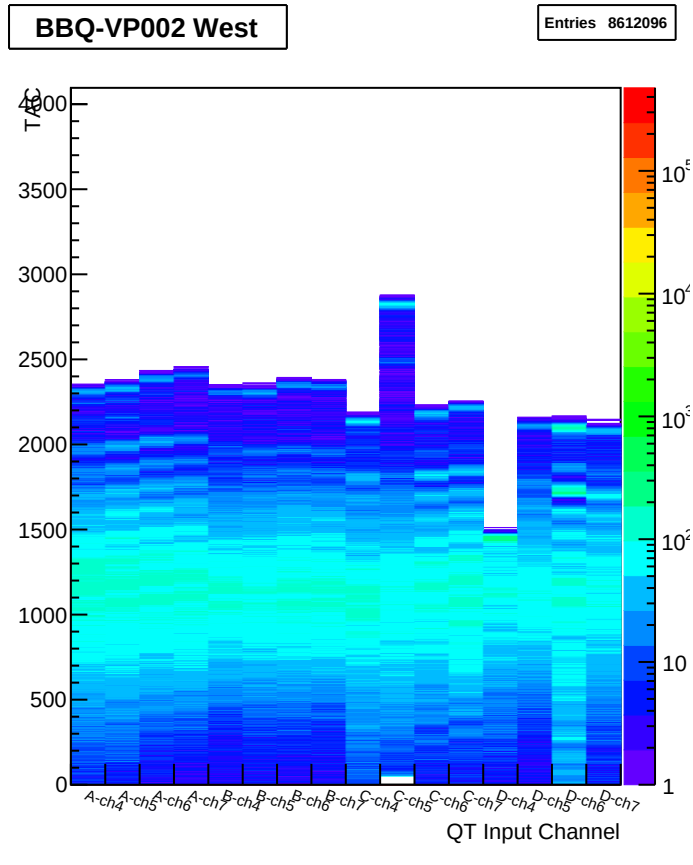

BBQ-ZD001 (ZDC TOWER)
Entries 8612096
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

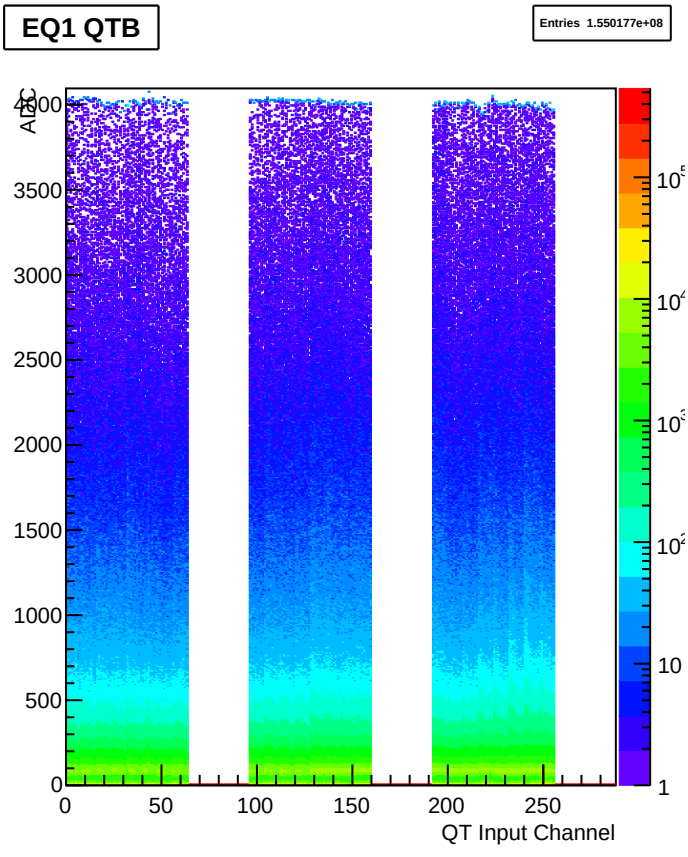

BBQ-ZD001 (ZDC TOWER)
Entries 8612096
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

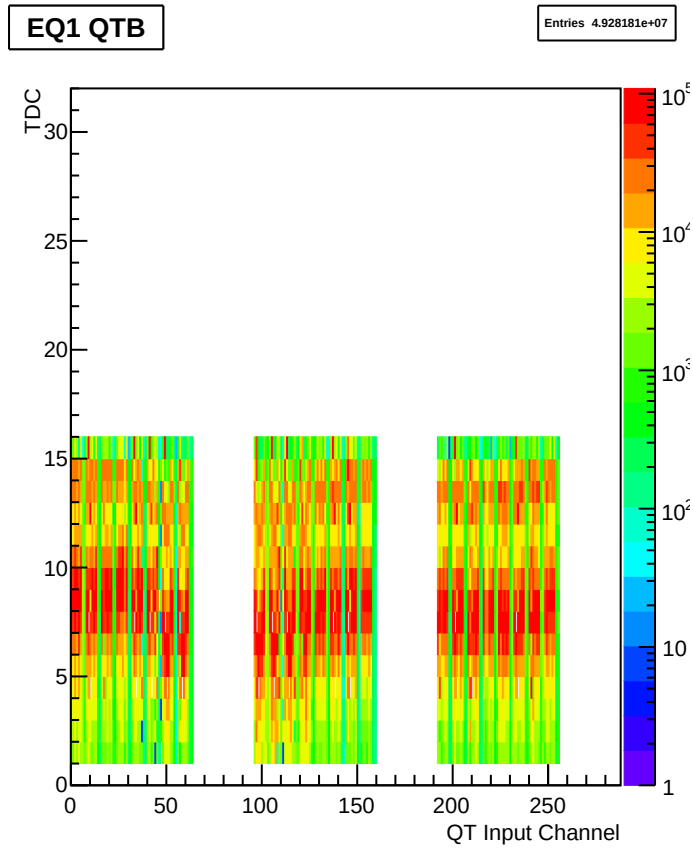

BBQ-VP001 East
Entries 8612096
ADC
QT Input Channel

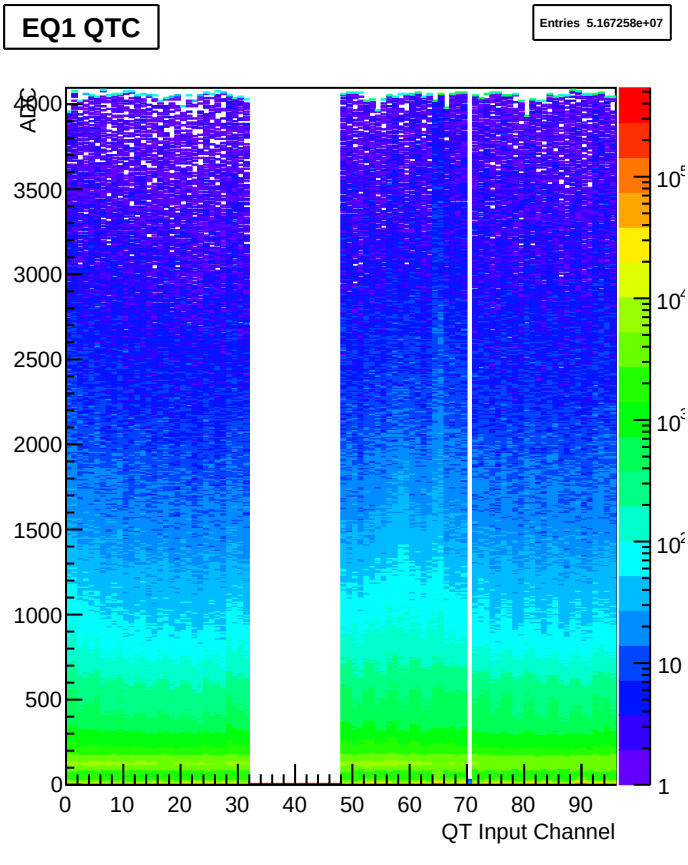

BBQ-VP001 East
Entries 8612096
TADC
QT Input Channel

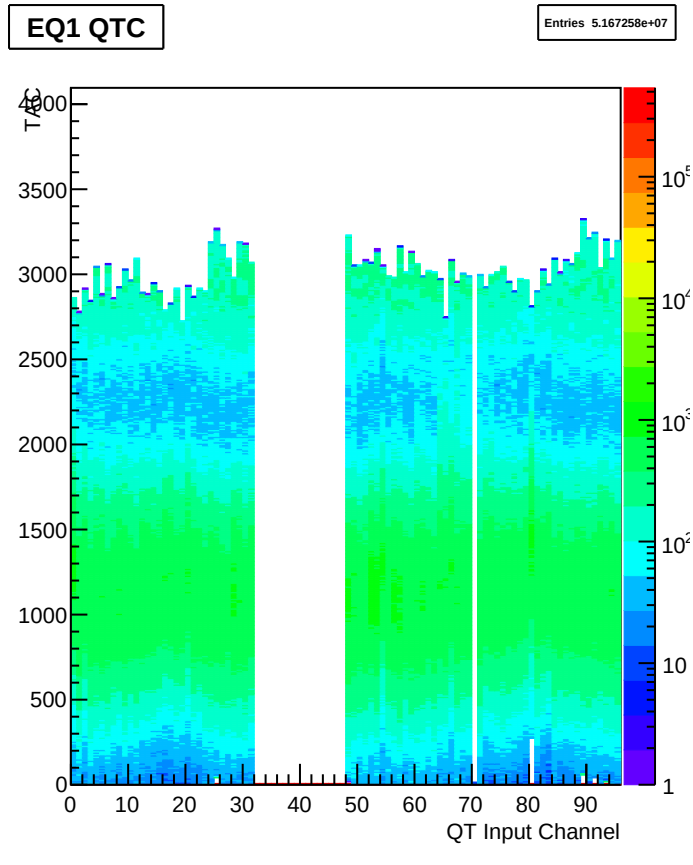

BBQ-VP002 West
Entries 8612096
ADC
QT Input Channel

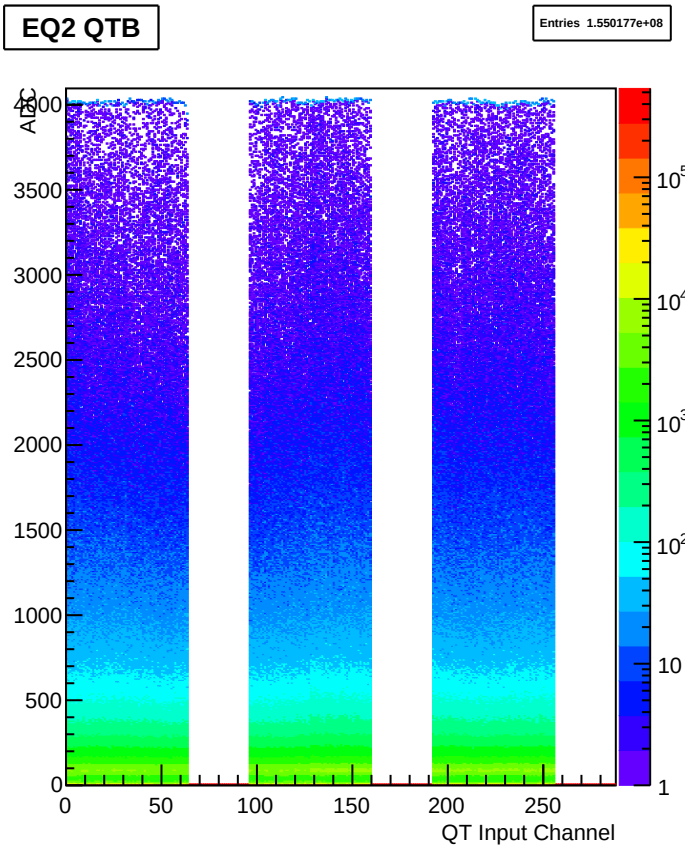

BBQ-VP002 West
Entries 8612096
TADC
QT Input Channel

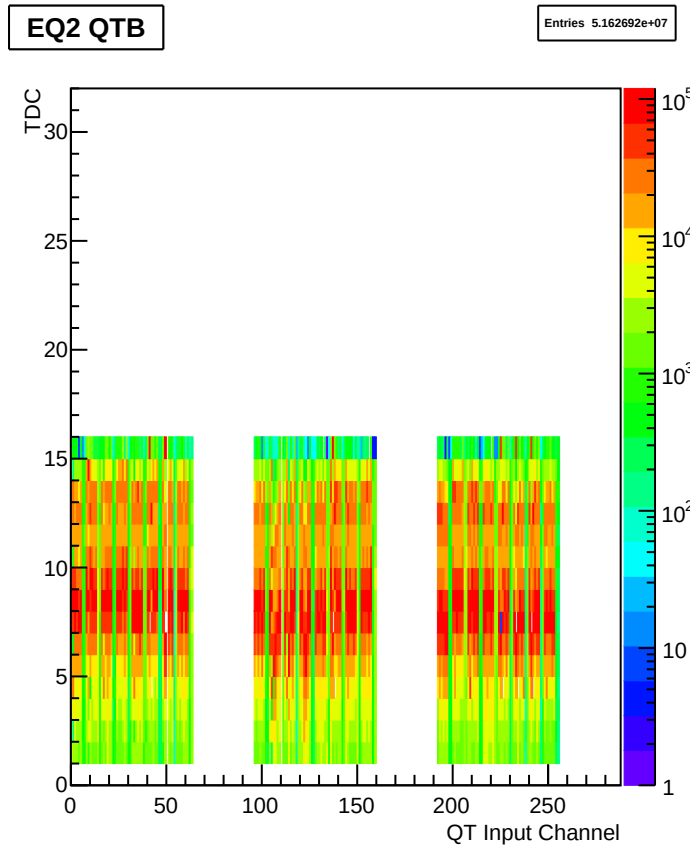

EQ1 QTB
Entries 1.550177e+08
ADC
QT Input Channel

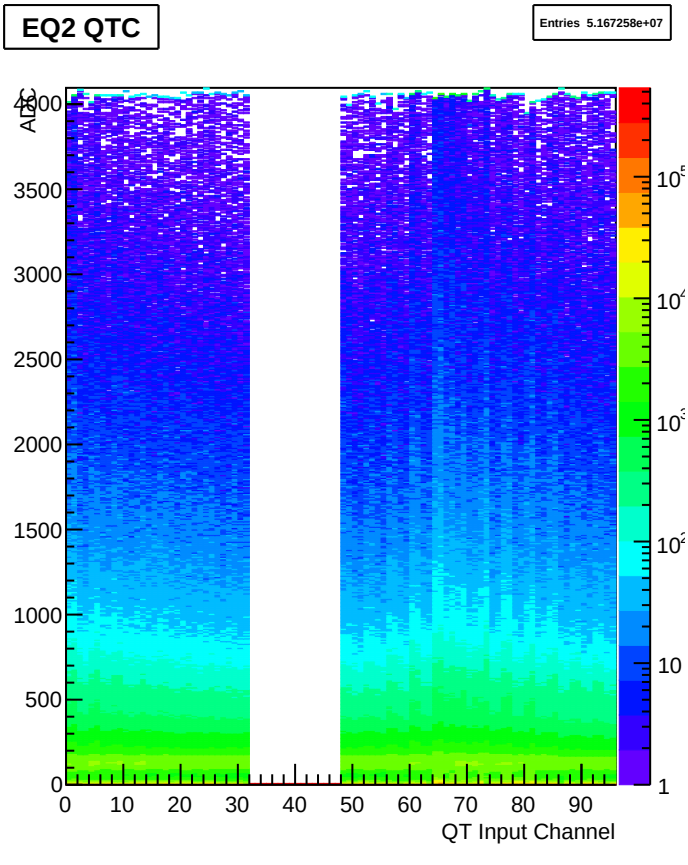

EQ1 QTB
Entries 4.928181e+07
TDC
QT Input Channel

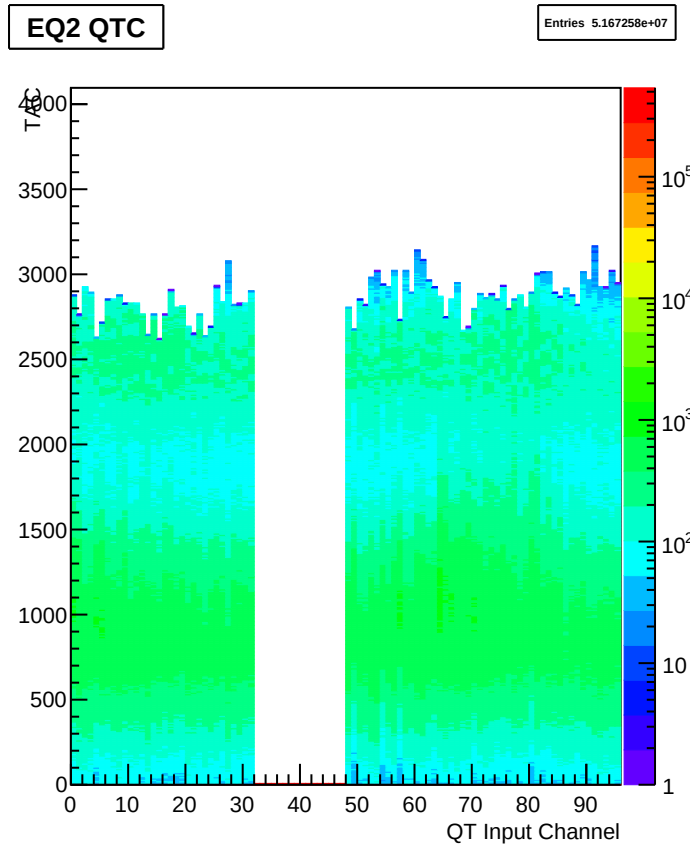

EQ1 QTC
Entries 5.167258e+07
ADC
QT Input Channel

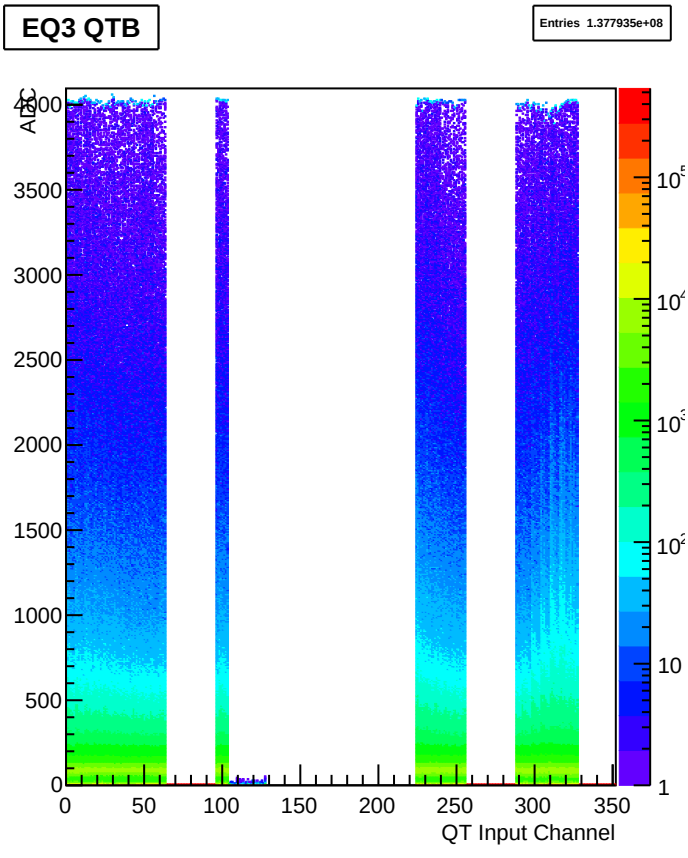

EQ1 QTC
Entries 5.167258e+07
TADC
QT Input Channel

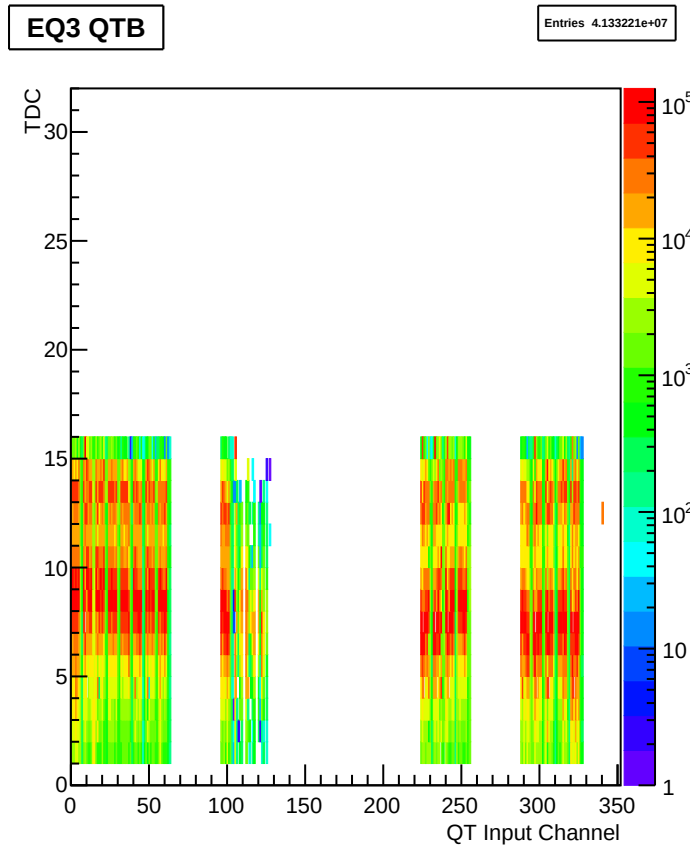

EQ2 QTB
Entries 1.550177e+08
ADC
QT Input Channel

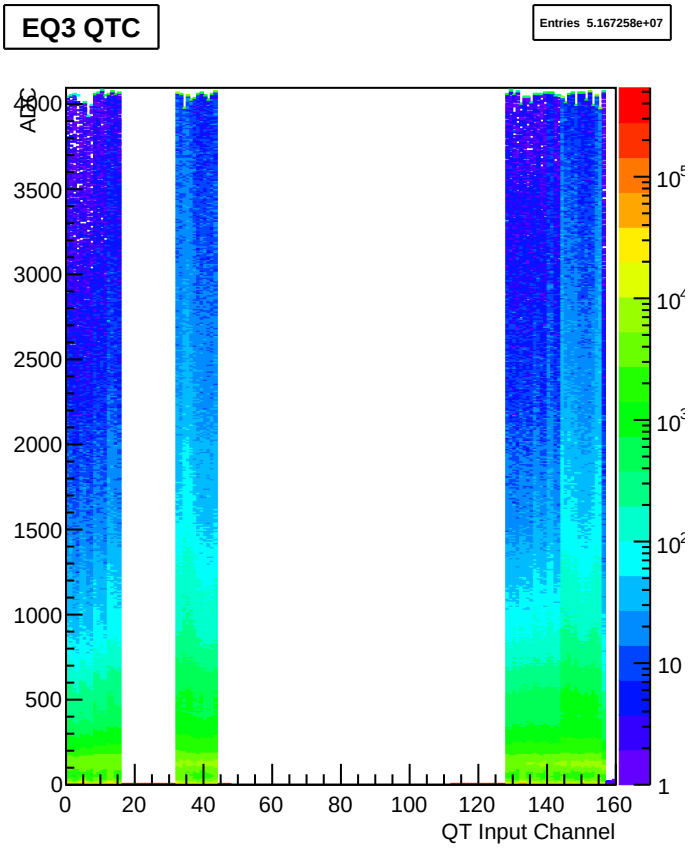

EQ2 QTB
Entries 5.162692e+07
TDC
QT Input Channel

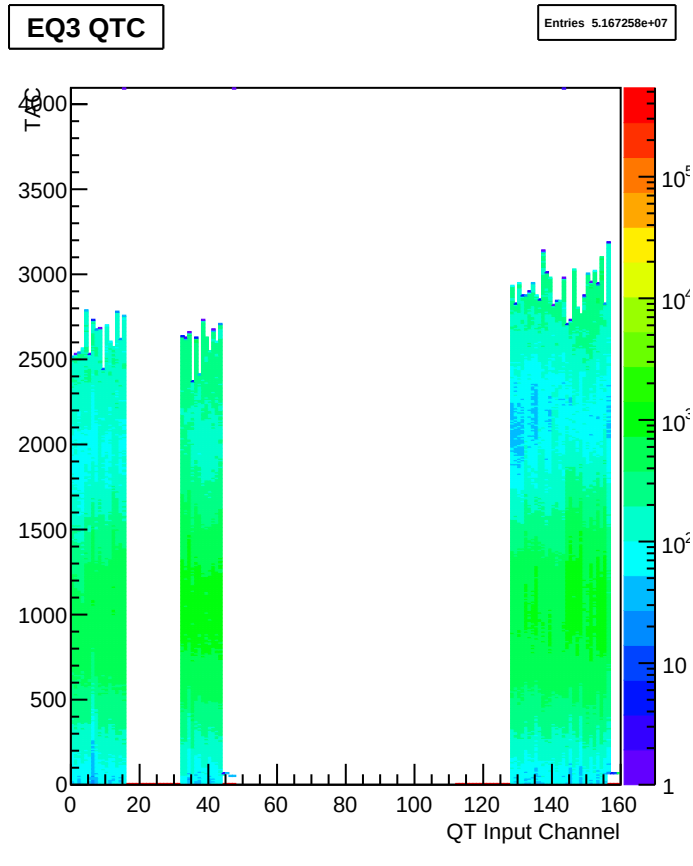

EQ2 QTC
Entries 5.167258e+07
ADC
QT Input Channel

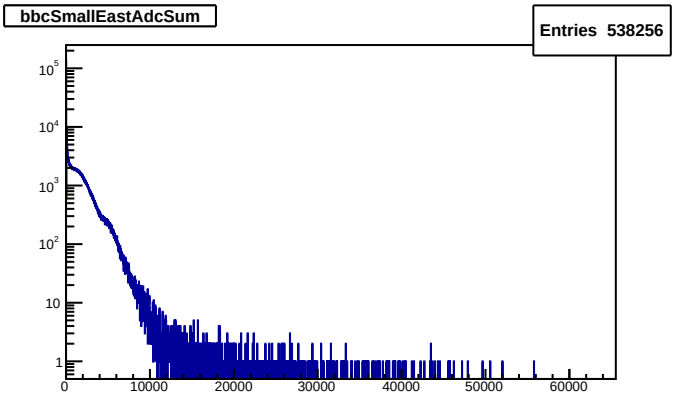

EQ2 QTC
Entries 5.167258e+07
TADC
QT Input Channel

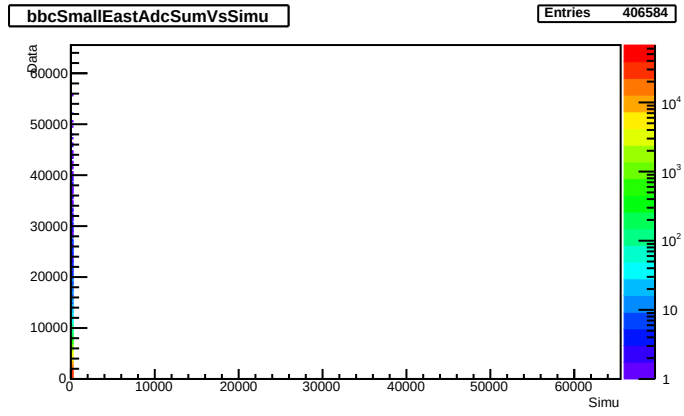

EQ3 QTB
Entries 1.377935e+08
ADC
QT Input Channel

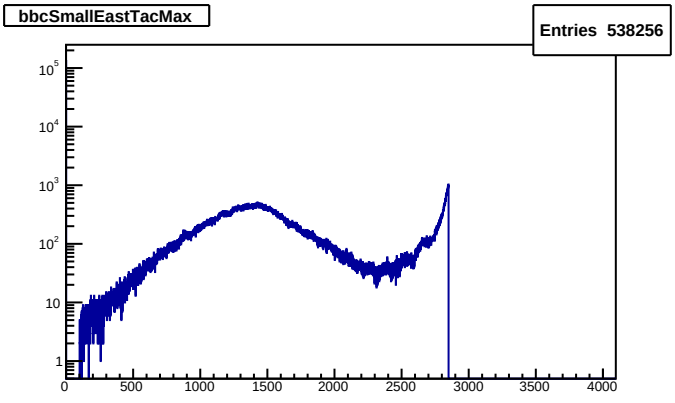

EQ3 QTB
Entries 4.133221e+07
TDC
QT Input Channel

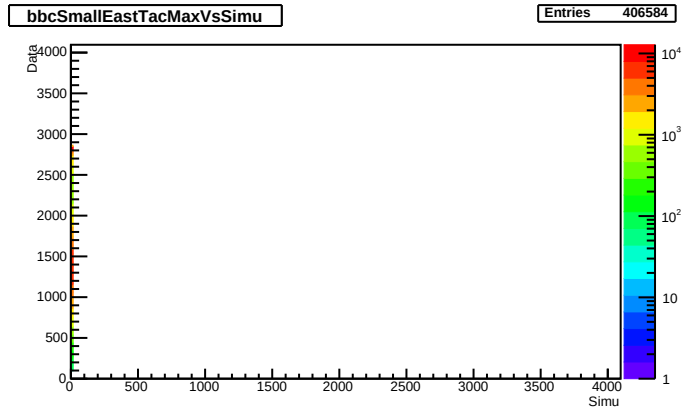

EQ3 QTC
Entries 5.167258e+07
ADC
QT Input Channel

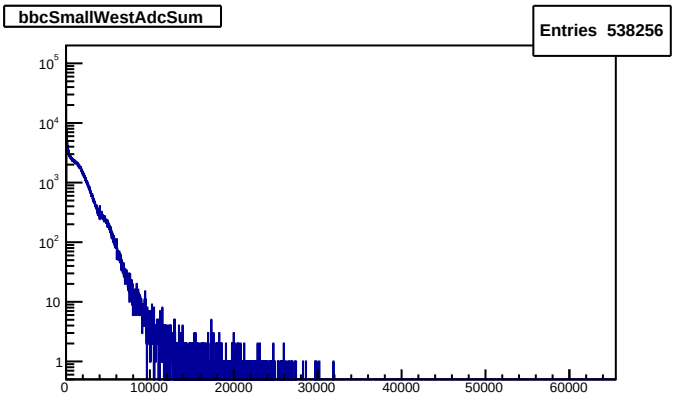

EQ3 QTC
Entries 5.167258e+07
TADC
QT Input Channel

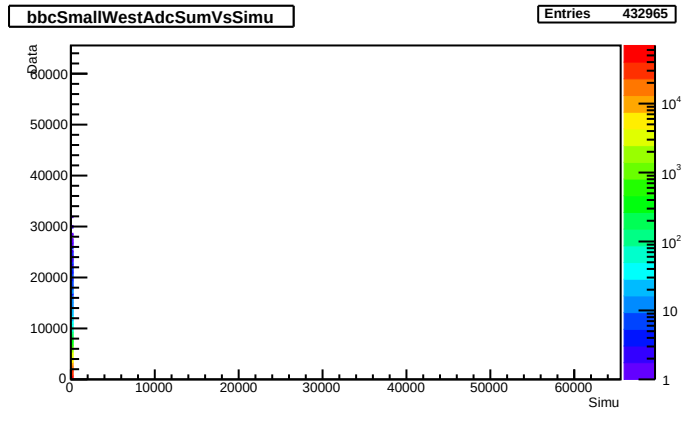

bbcSmallEastAdcSum
Entries 538256


bbcSmallEastAdcSumVsSimu
Entries 406584
Data
Simu


bbcSmallEastTacMax
Entries 538256


bbcSmallEastTacMaxVsSimu
Entries 406584
Data
Simu


bbcSmallWestAdcSum
Entries 538256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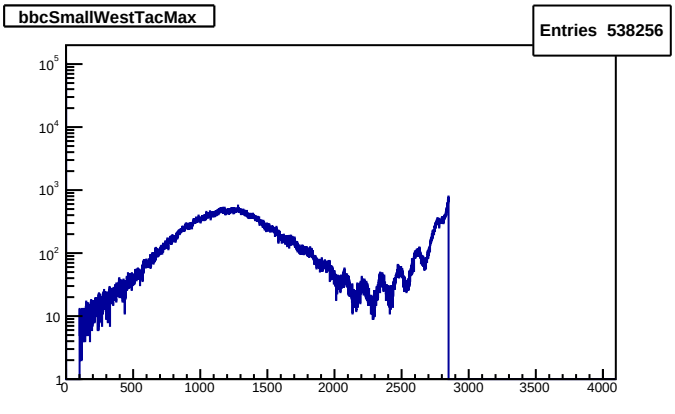
Entries 432965
Data
Simu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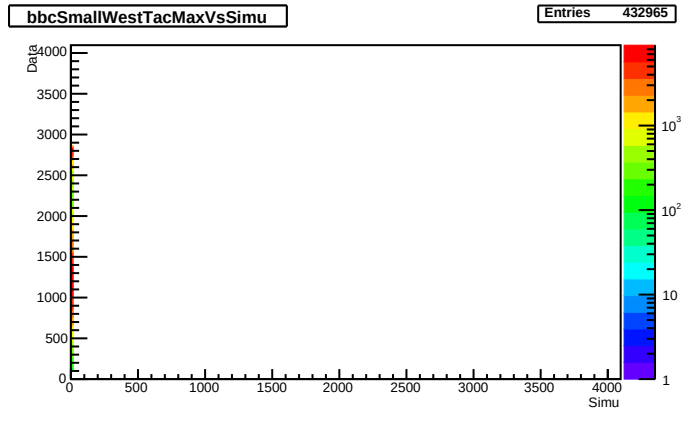
Entries 538256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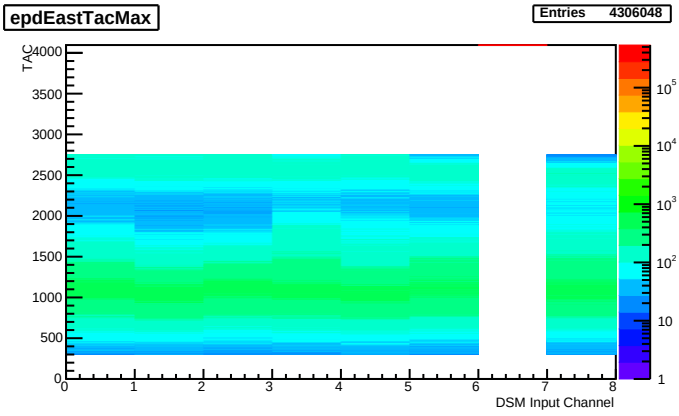
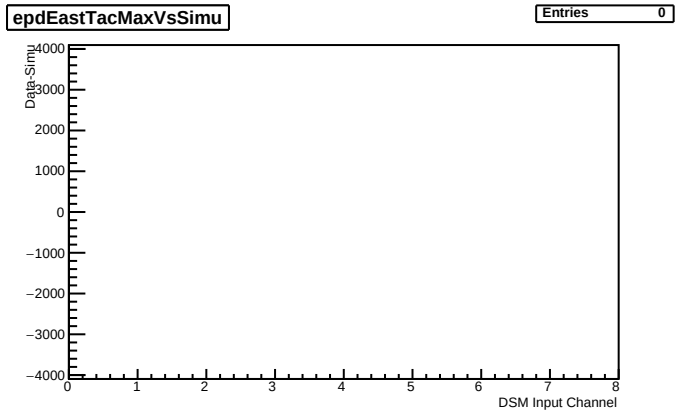
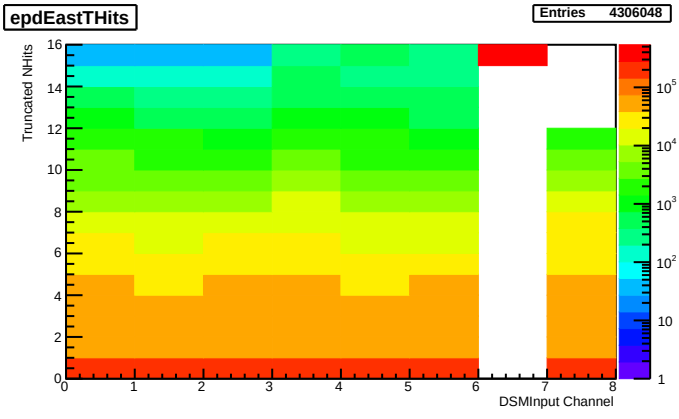
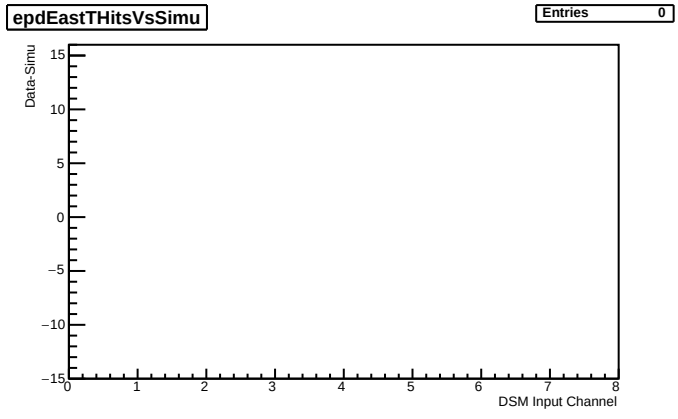
Entries 432965
Data
Simu


epdEastTacMax
Entries 4306048
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4306048
Truncated NHits
DSMInput Channel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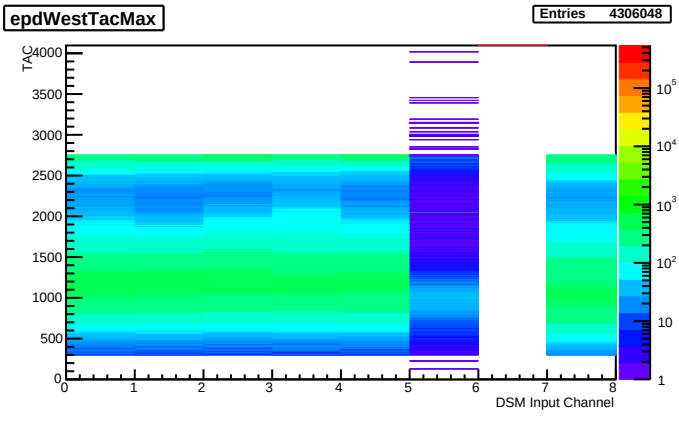
Entries 0
Data-Simu
DSM Input Channel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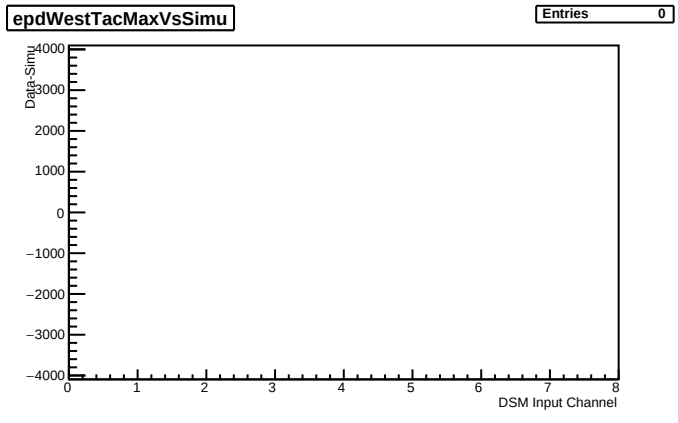
Entries 4306048
TAC
DSM Input Channel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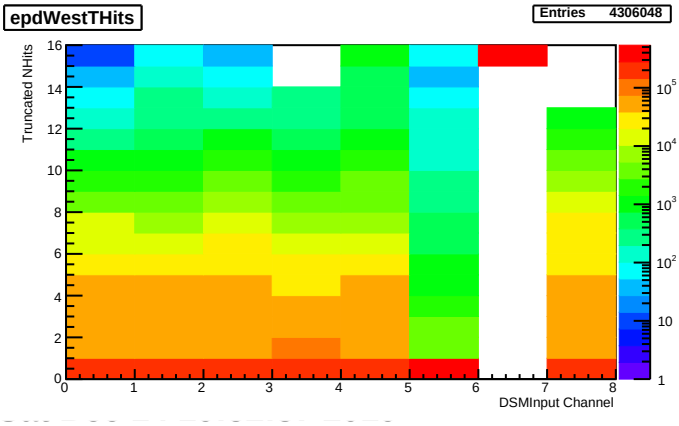
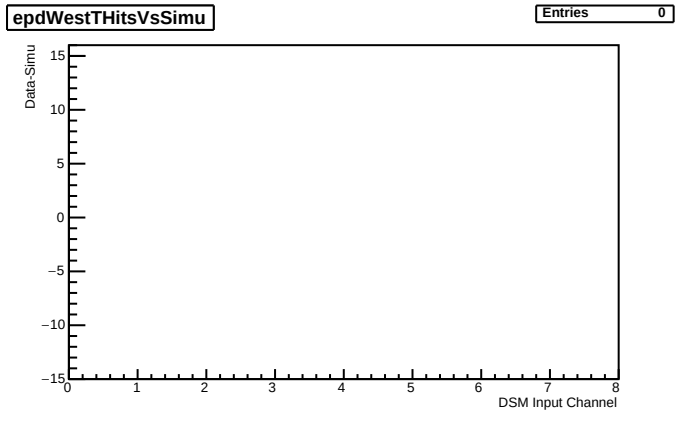
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4306048
Truncated NHits
DSMInput Channel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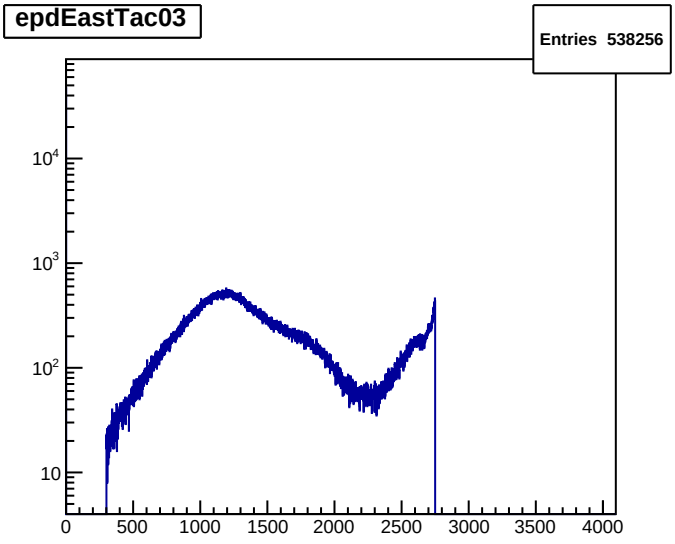
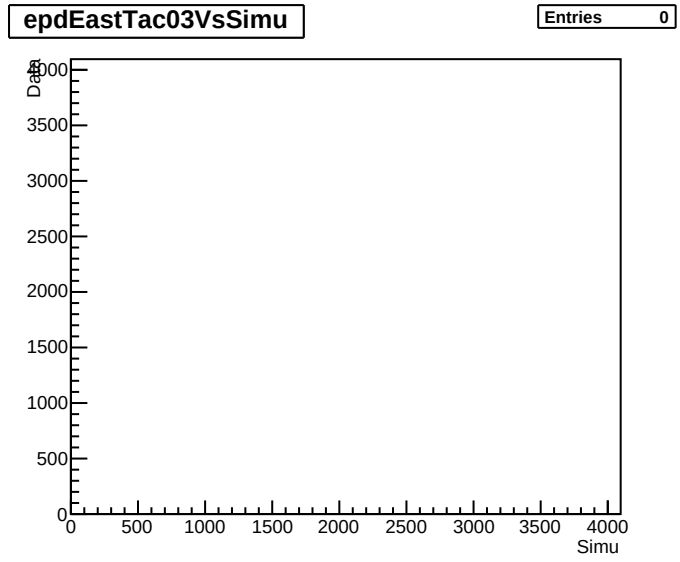
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 538256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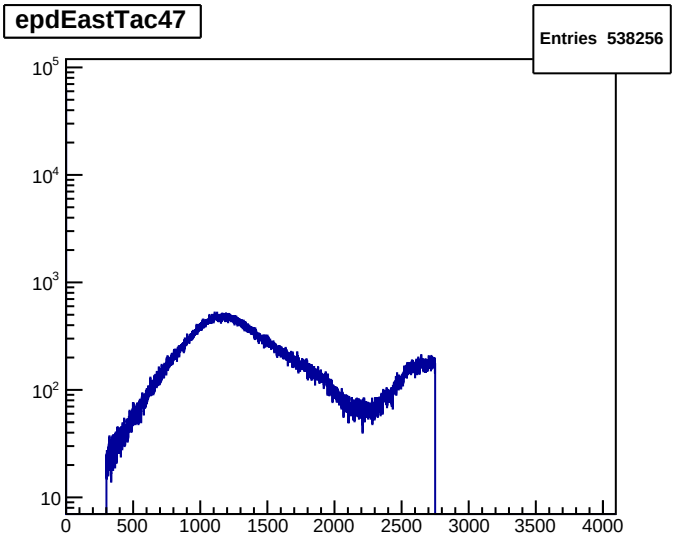
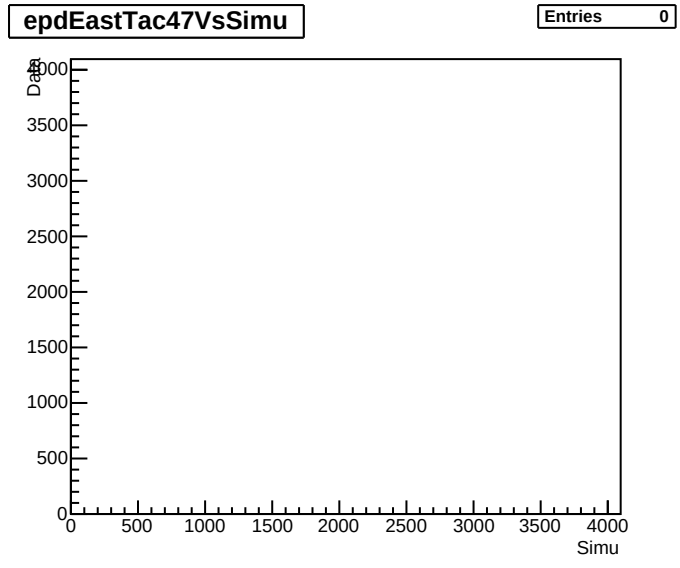
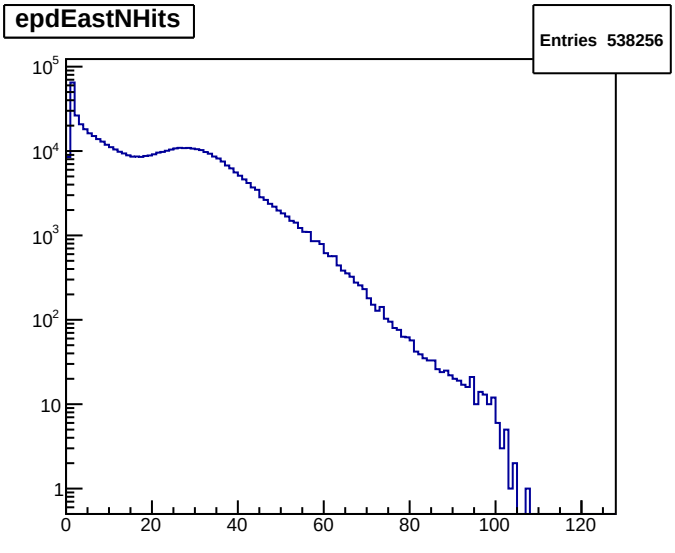
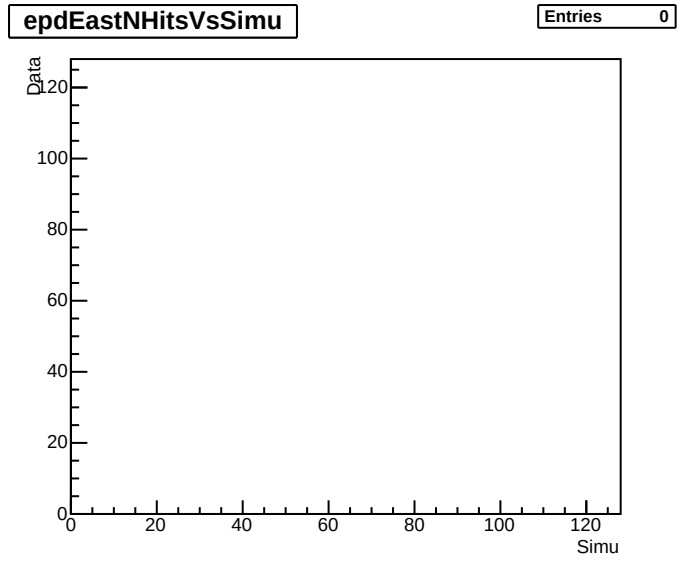
Entries 0
Data
Simu


epdEastTac47
Entries 538256


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 538256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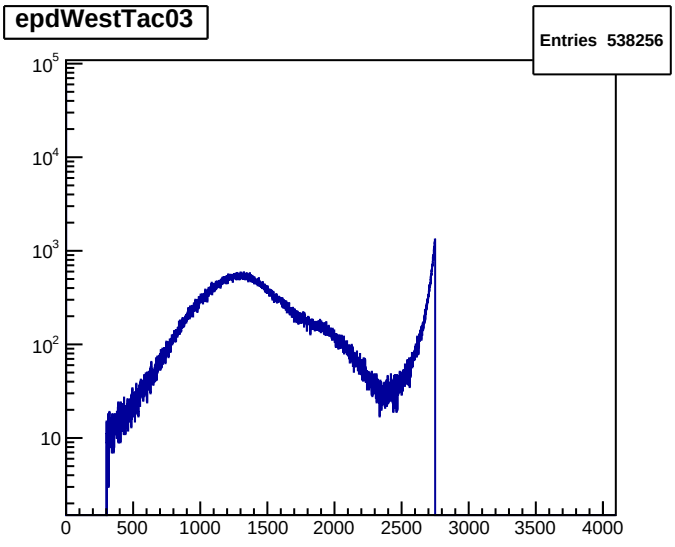
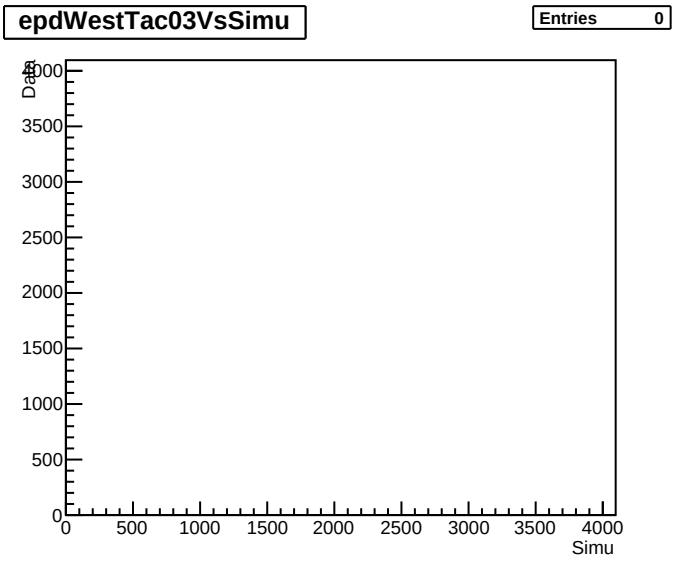
Entries 0
Data
Simu


epdWestTac03
Entries 538256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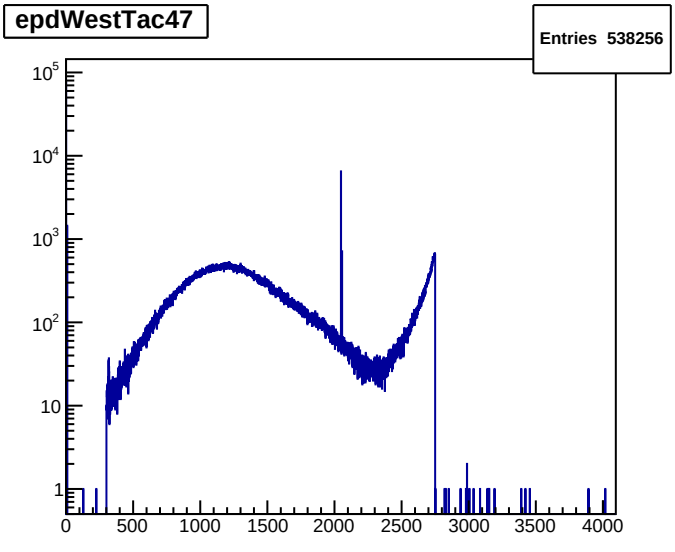
Entries 0
Data
Simu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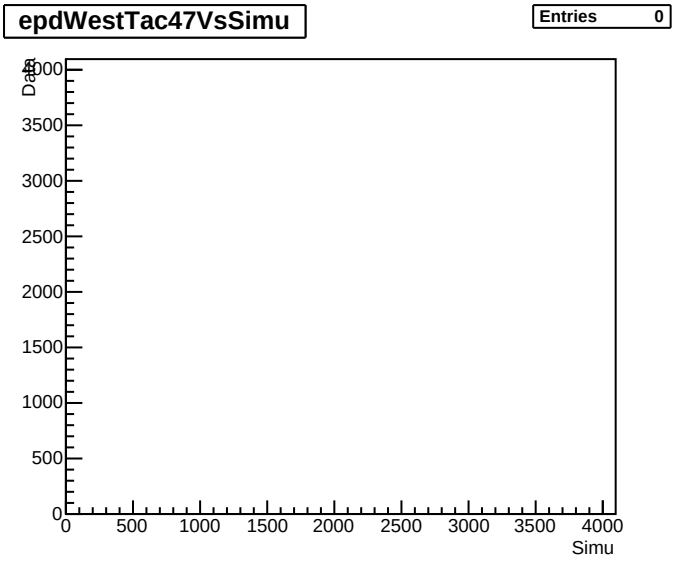
Entries 538256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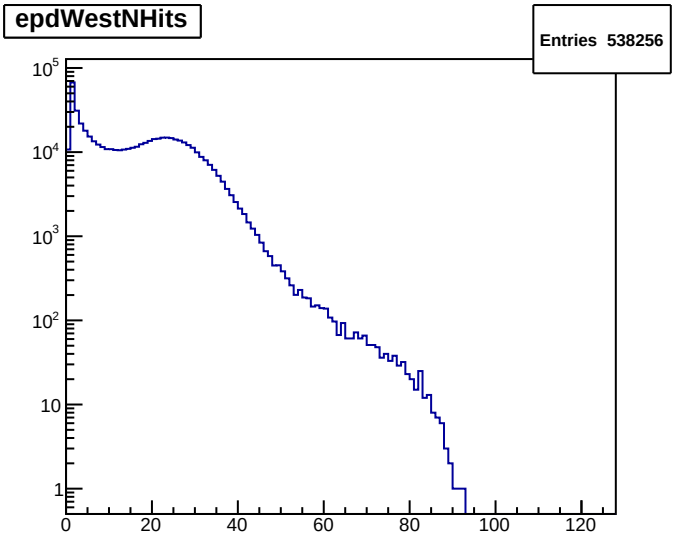
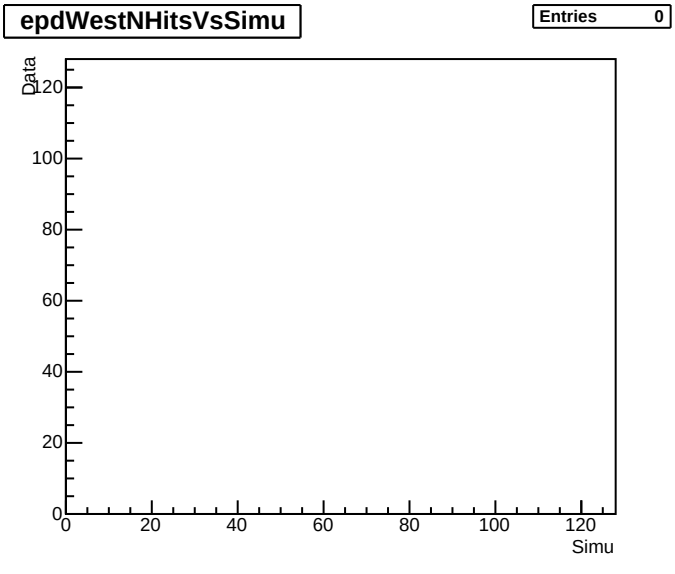
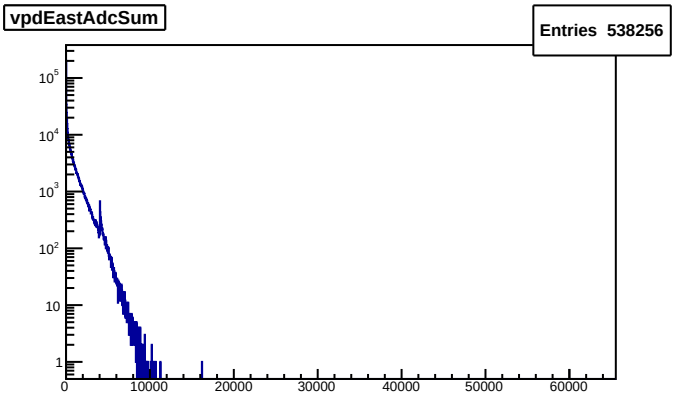
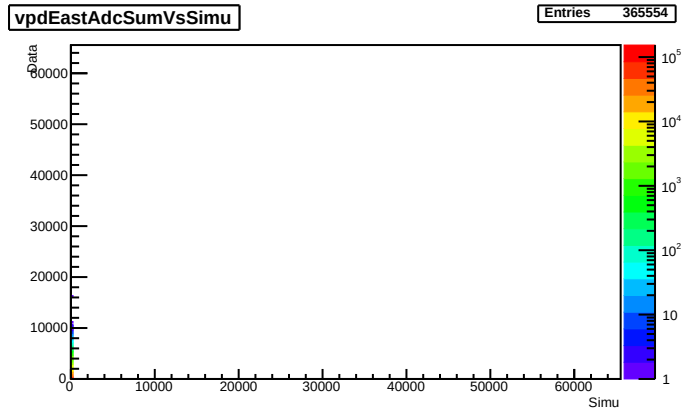
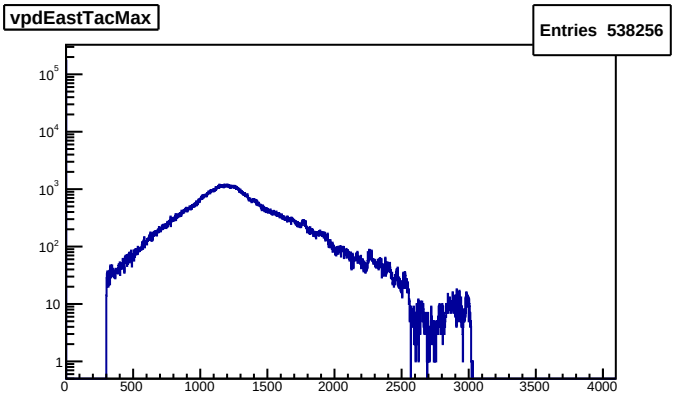
Entries 0
Data
Simu

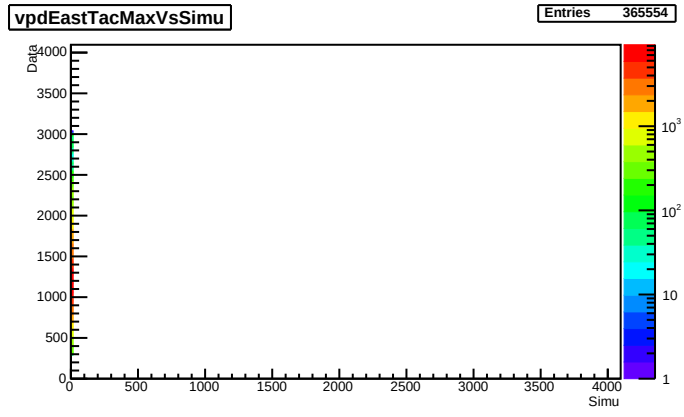

epdWestNHits
Entries 538256

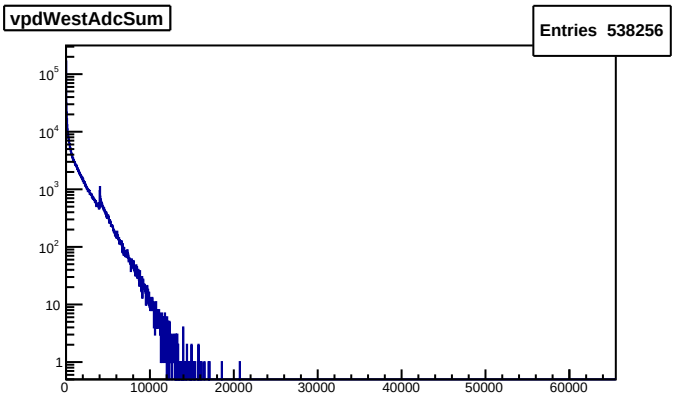

epdWestNHitsVsSimu
Entries 0
Data
Simu

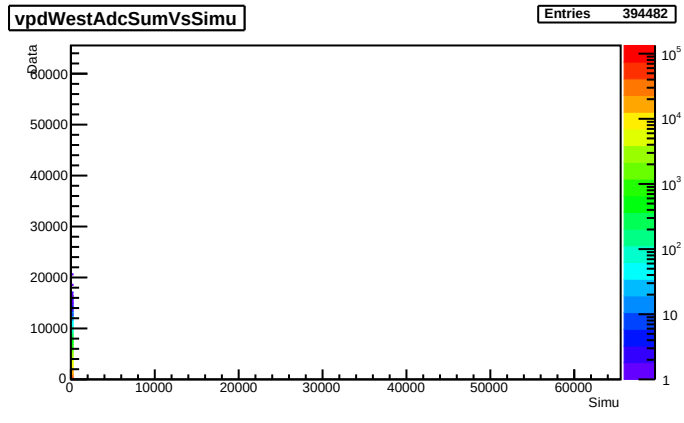

vpdEastAdcSum
Entries 538256

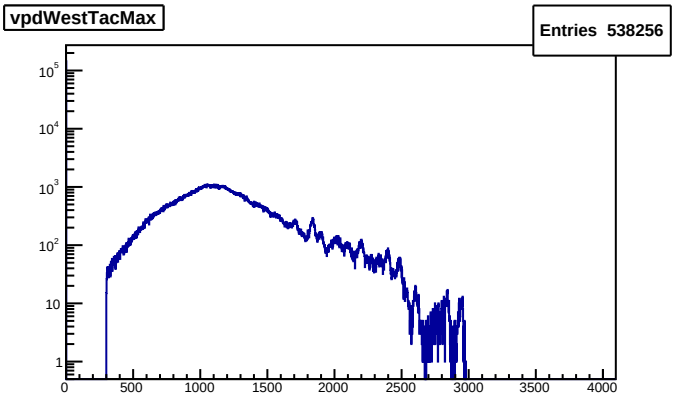

vpdEastAdcSumVsSimu
Entries 365554
Data
Simu

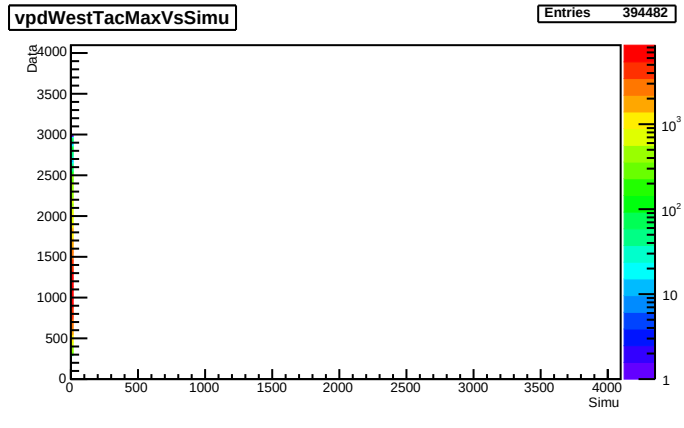

vpdEastTacMax
Entries 538256

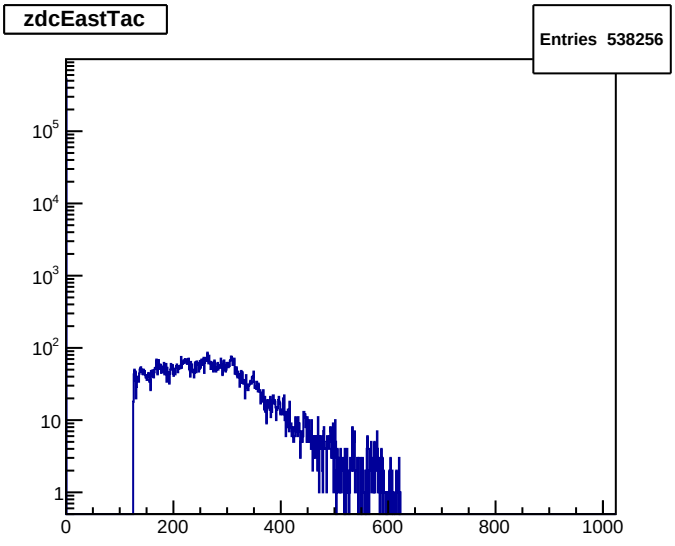

vpdEastTacMaxVsSimu
Entries 365554
Data
Simu

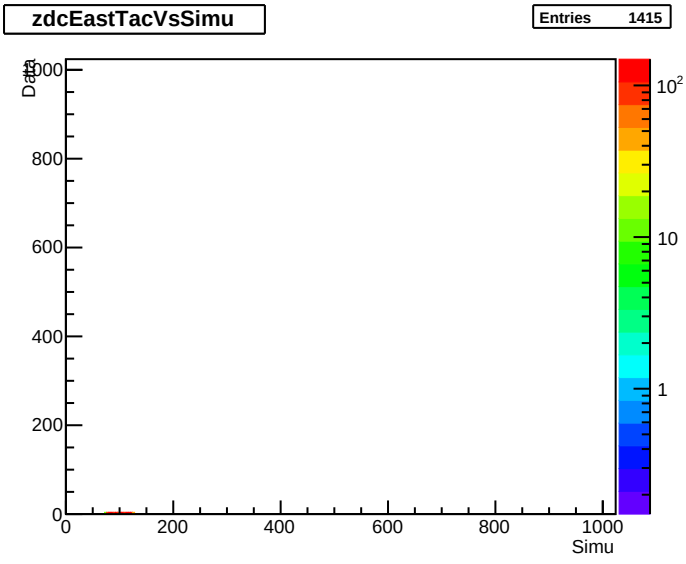

vpdWestAdcSum
Entries 538256

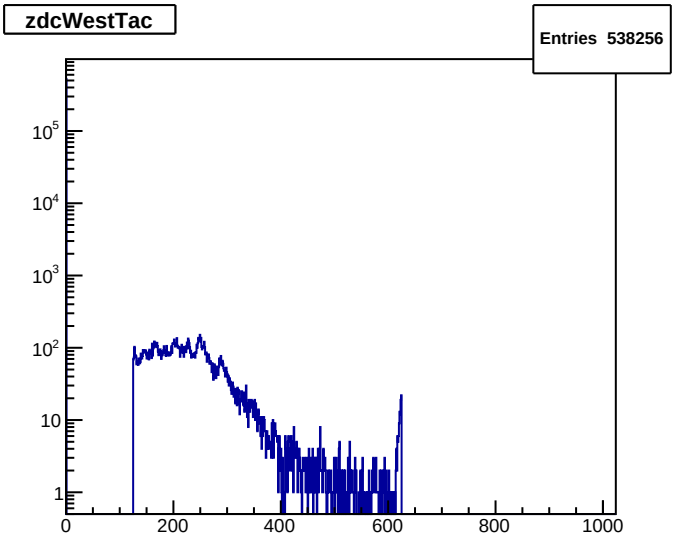

vpdWestAdcSumVsSimu
Entries 394482
Data
Simu

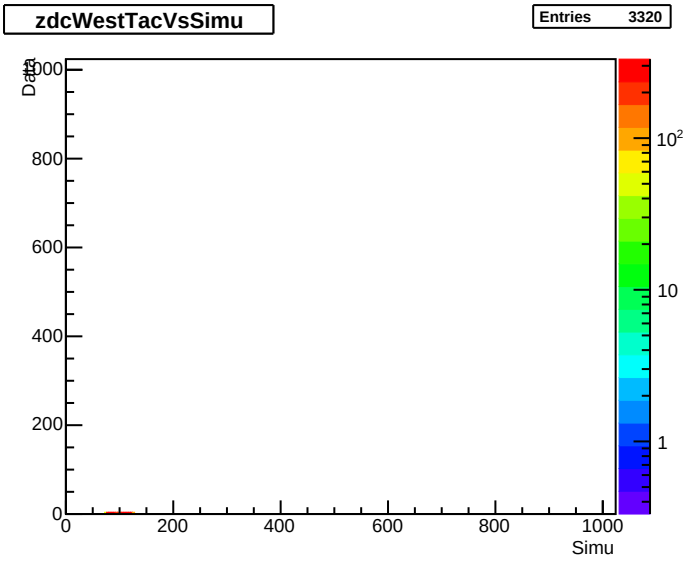

vpdWestTacMax
Entries 538256

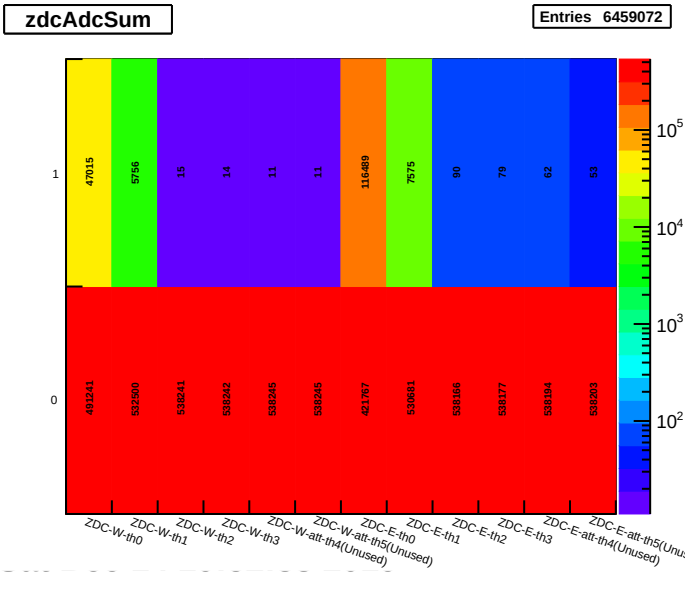

vpdWestTacMaxVsSimu
Entries 394482
Data
Simu

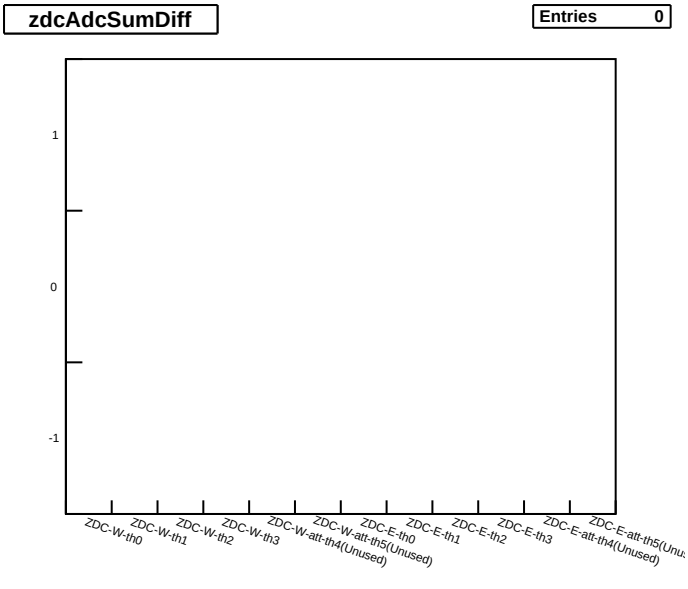

zdcEastTac
Entries 538256

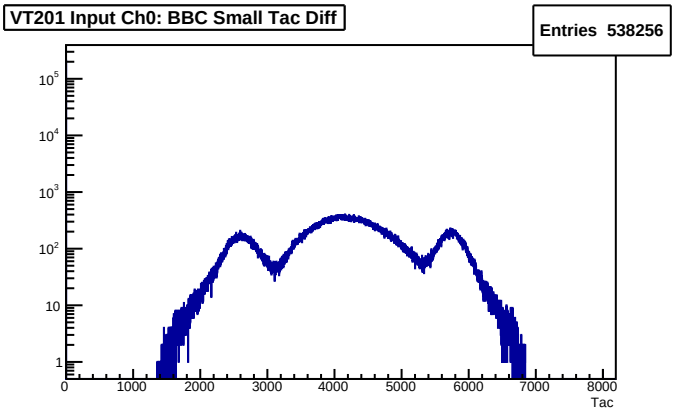

zdcEastTacVsSimu
Entries 1415
Data
Simu

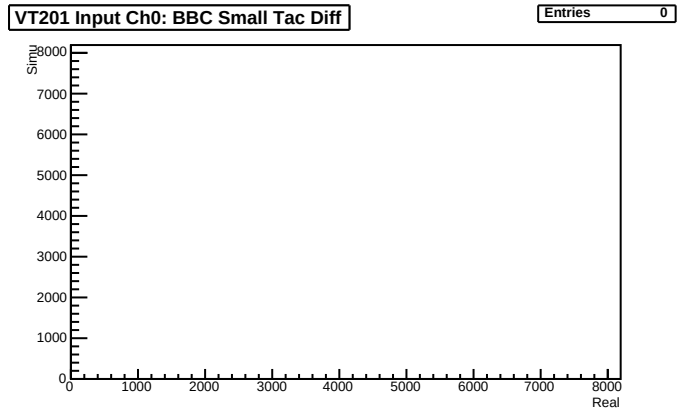

zdcWestTac
Entries 538256

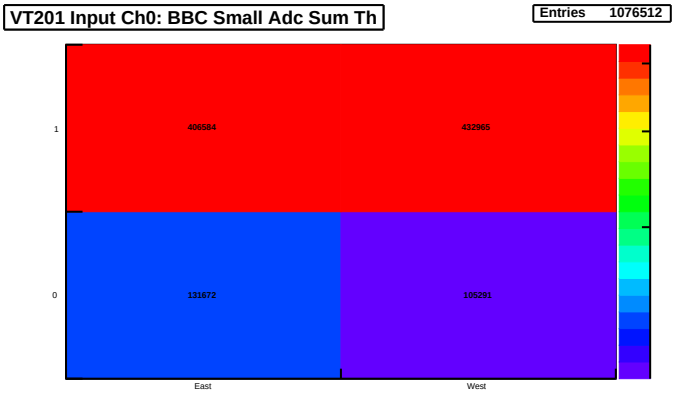

zdcWestTacVsSimu
Entries 3320
Data
Simu

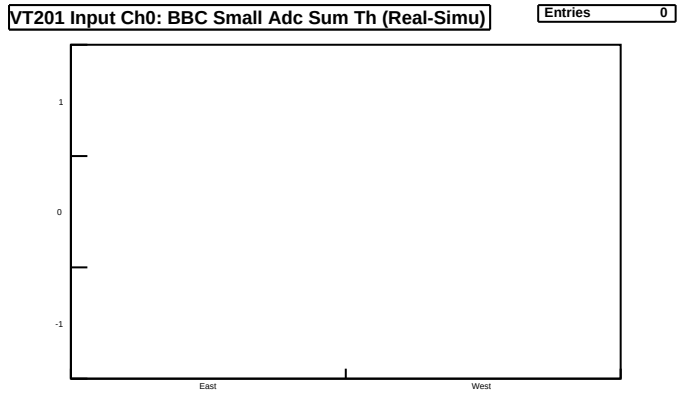

zdcAdcSum
Entries 6459072
47015
5756
15
14
11
11
116489
7575
90
79
62
53
491241
532500
538241
538242
538245
538245
421767
530681
538166
538177
538194
538203
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

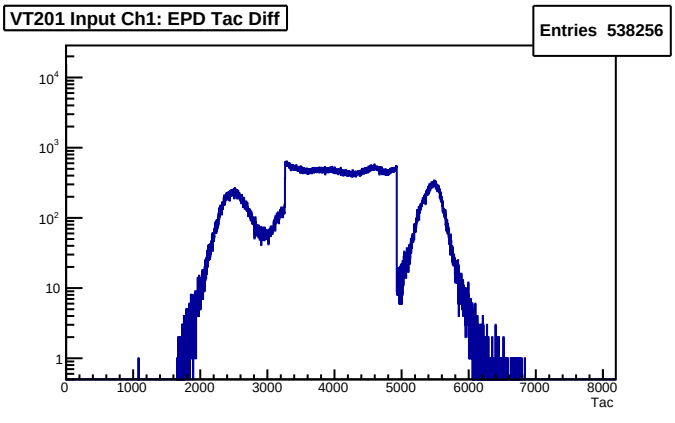

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

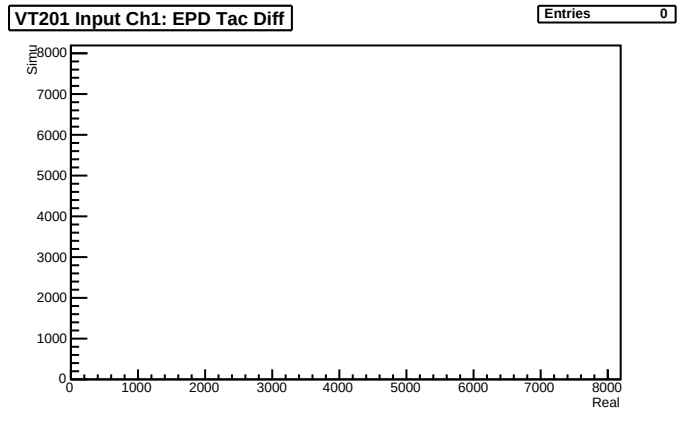

VT201 Input Ch0: BBC Small Tac Diff
Entries 538256
Tac

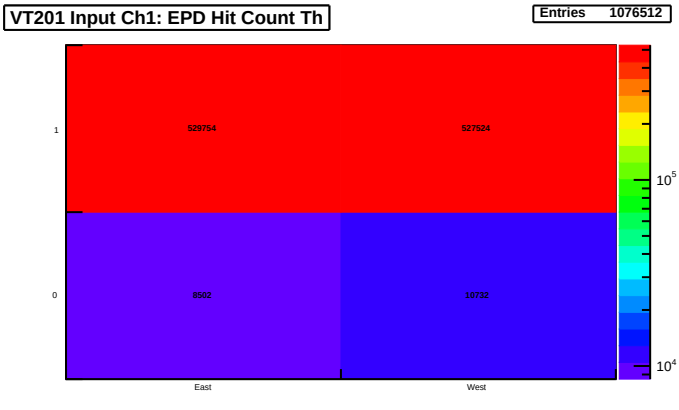

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

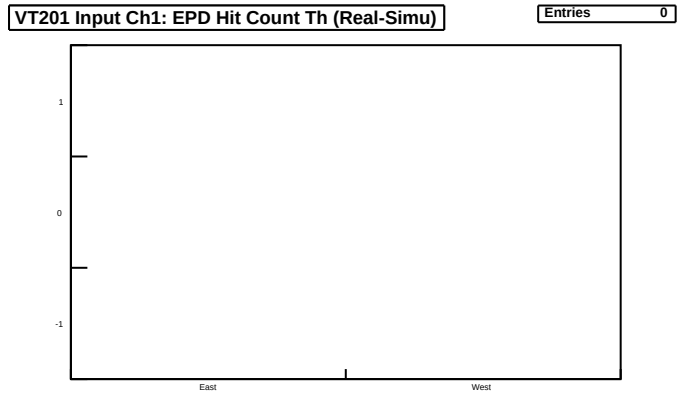

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1076512
406584
432965
131672
105291
East
West

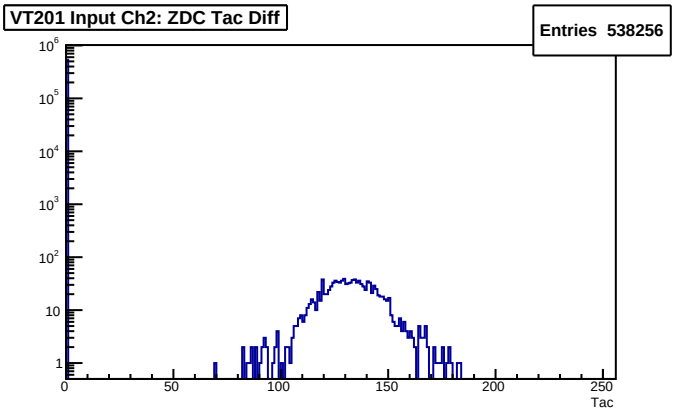

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

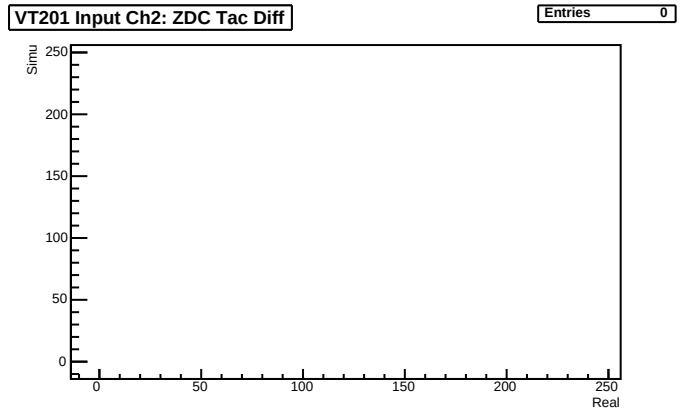

VT201 Input Ch1: EPD Tac Diff
Entries 538256
Tac

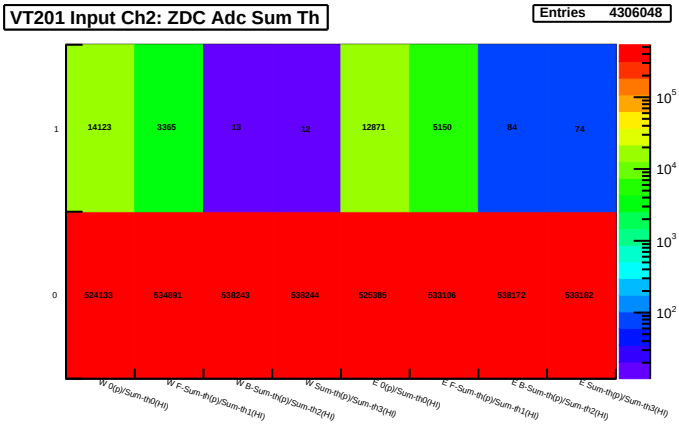

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

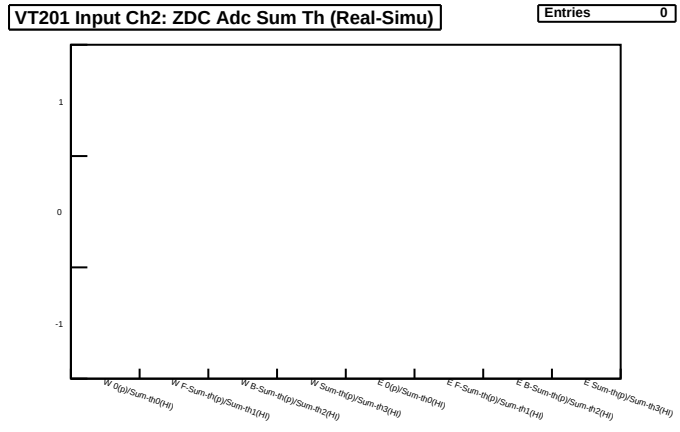

VT201 Input Ch1: EPD Hit Count Th
Entries 1076512
529754
527524
8502
10732
East
West

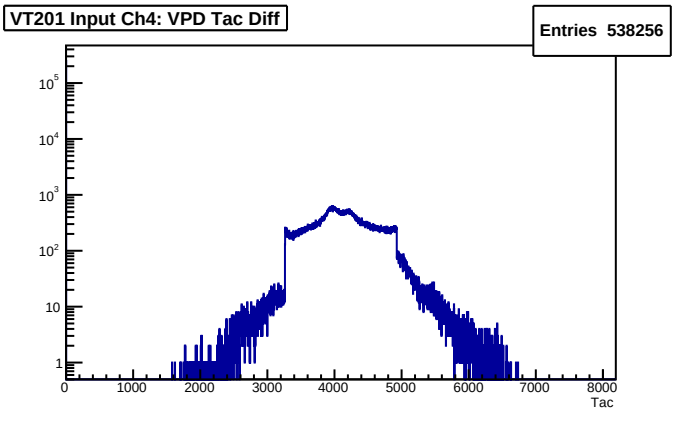

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

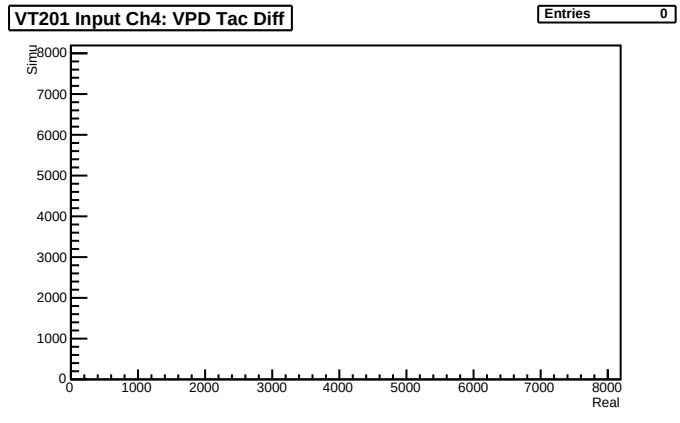

VT201 Input Ch2: ZDC Tac Diff
Entries 538256
Tac

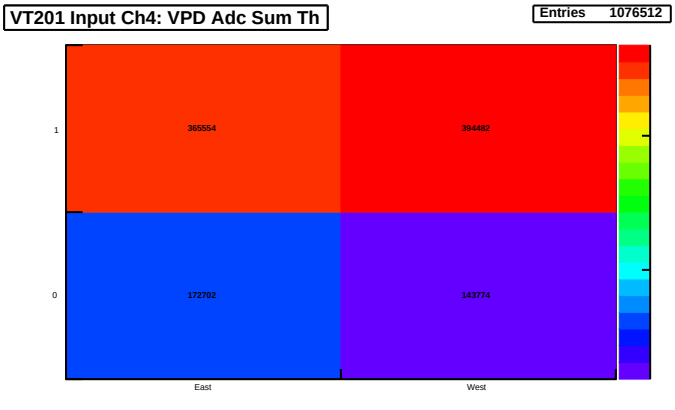

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

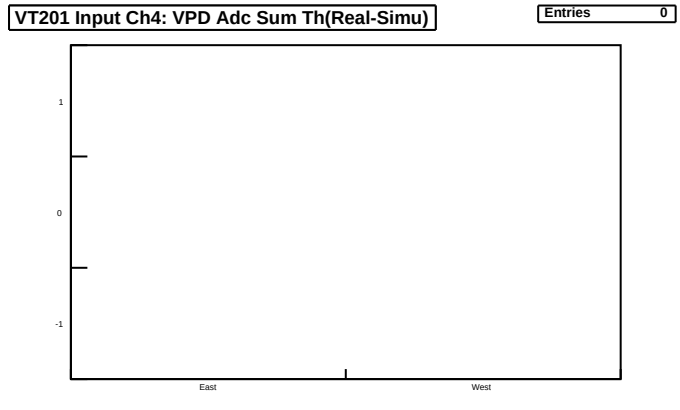

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4306048
14123
3365
13
12
12871
5150
84
74
524133
534891
538243
538244
525385
533106
538172
538182
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

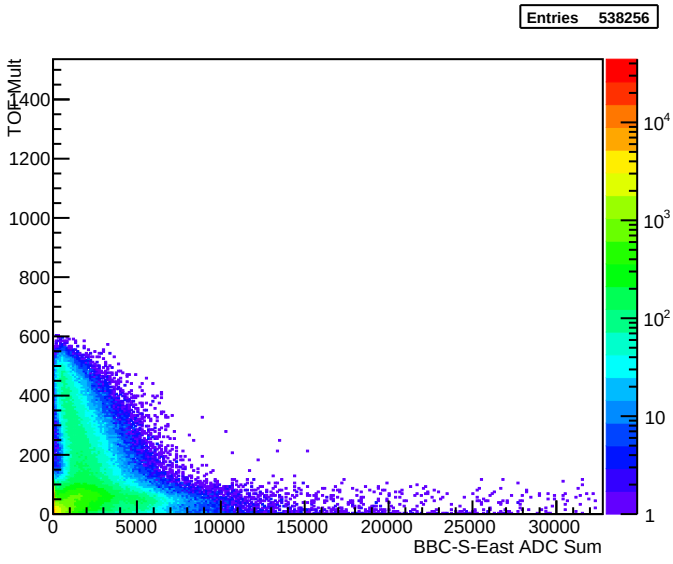

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

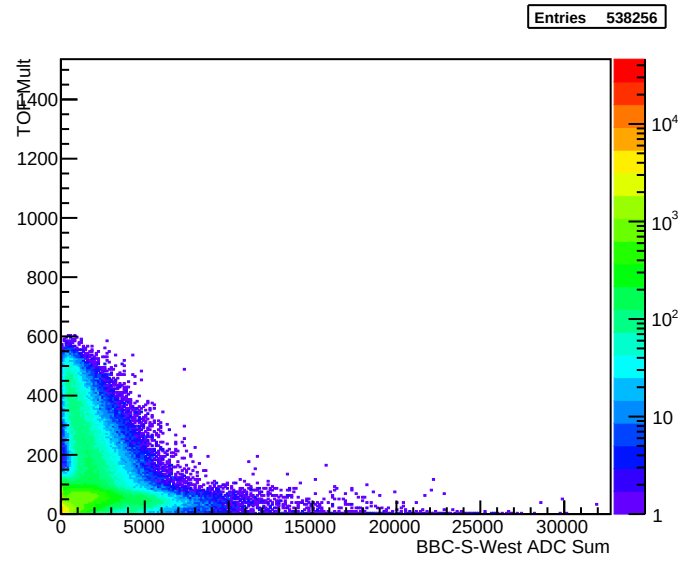

VT201 Input Ch4: VPD Tac Diff
Entries 538256
Tac

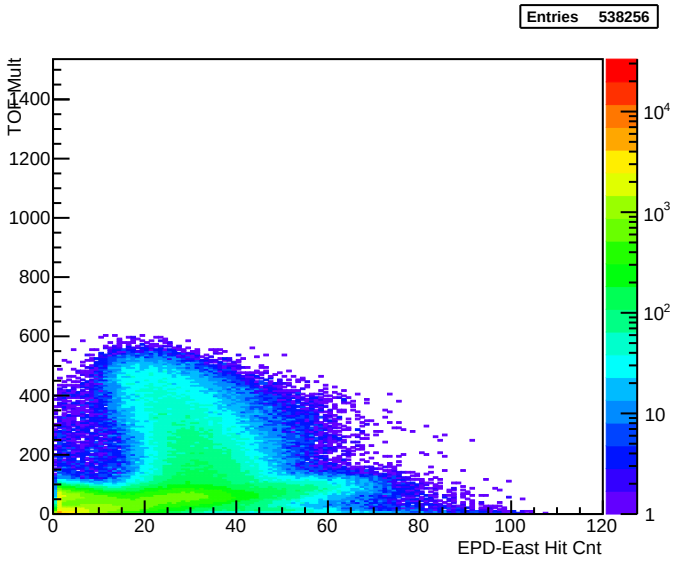

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

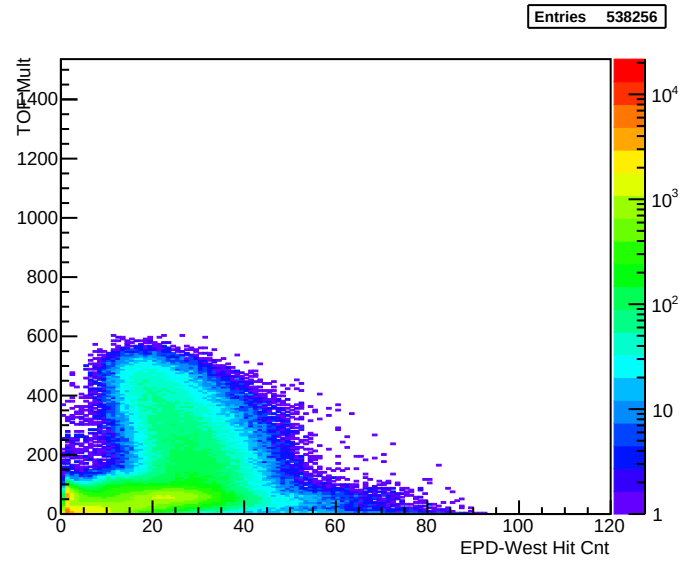

VT201 Input Ch4: VPD Adc Sum Th
Entries 1076512
365554
394482
172702
143774
East
West

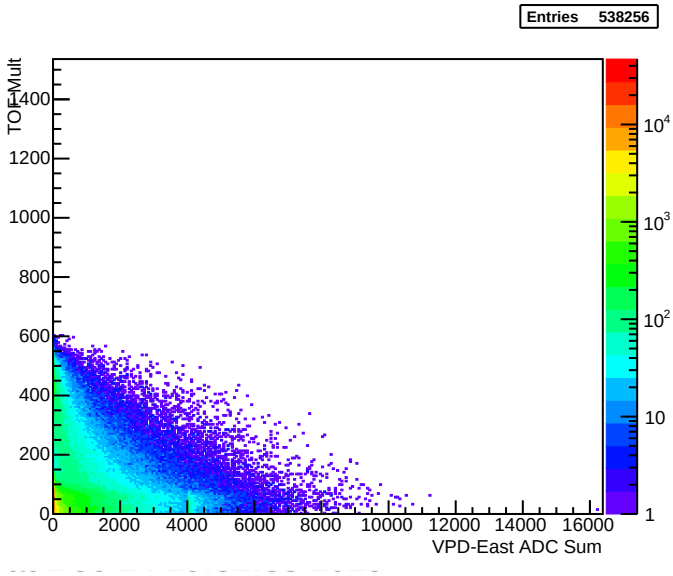

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

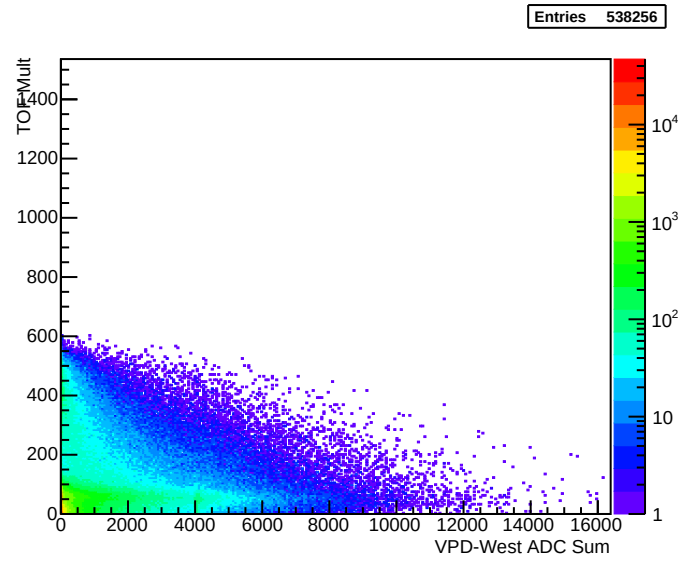

Entries 538256
TOF-Mult
BBC-S-East ADC Sum

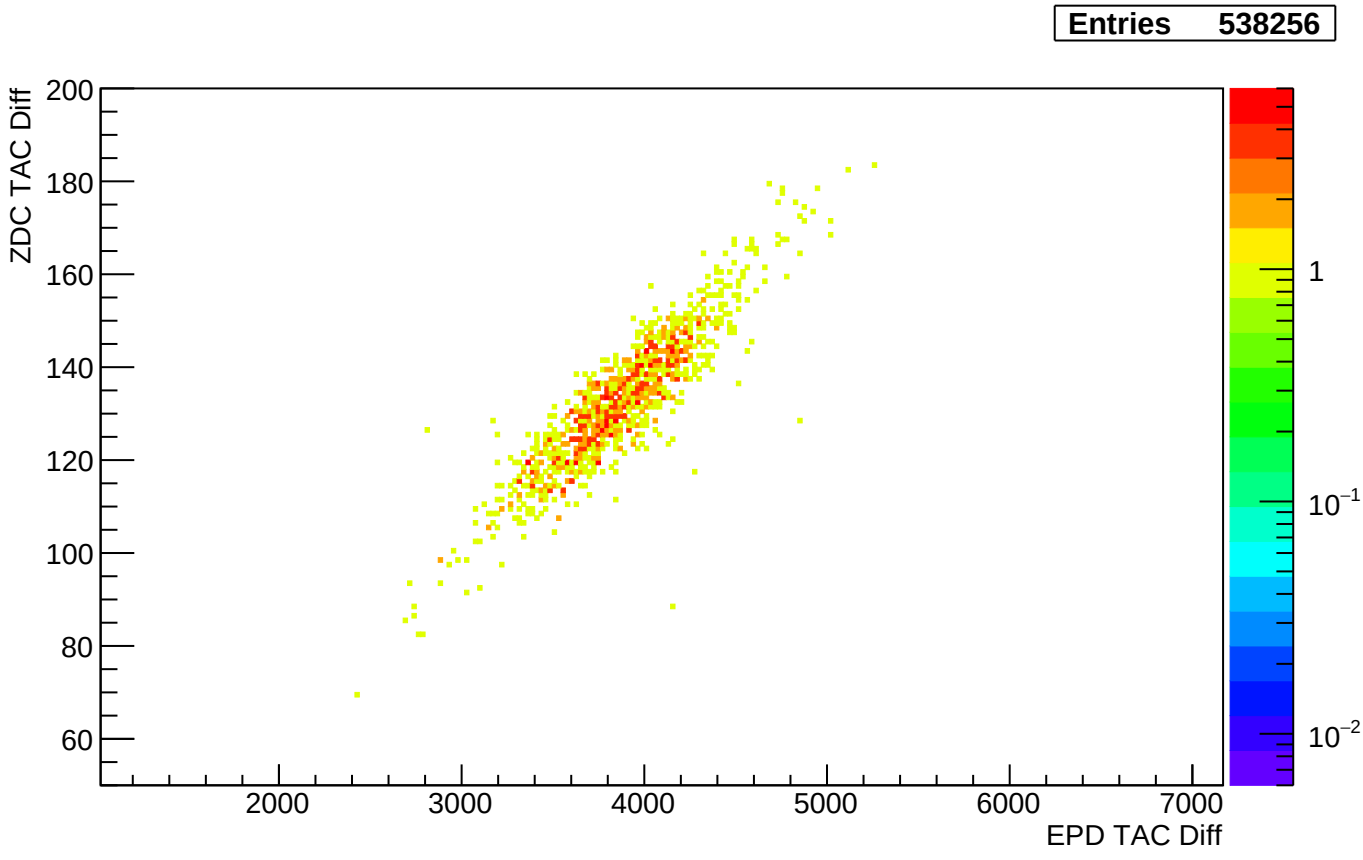

Entries 538256
TOF-Mult
BBC-S-West ADC Sum

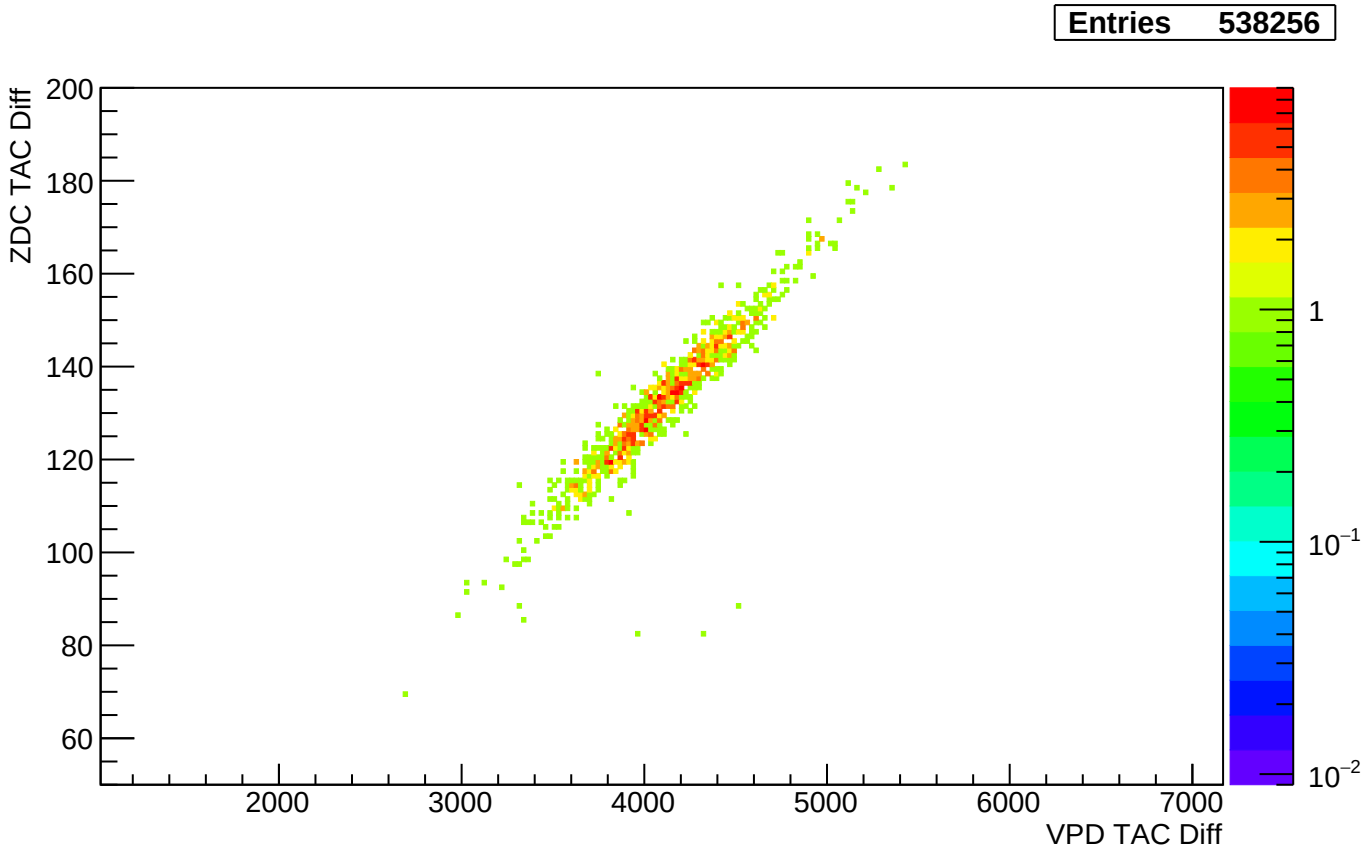

Entries 538256
TOF-Mult
EPD-East Hit Cnt

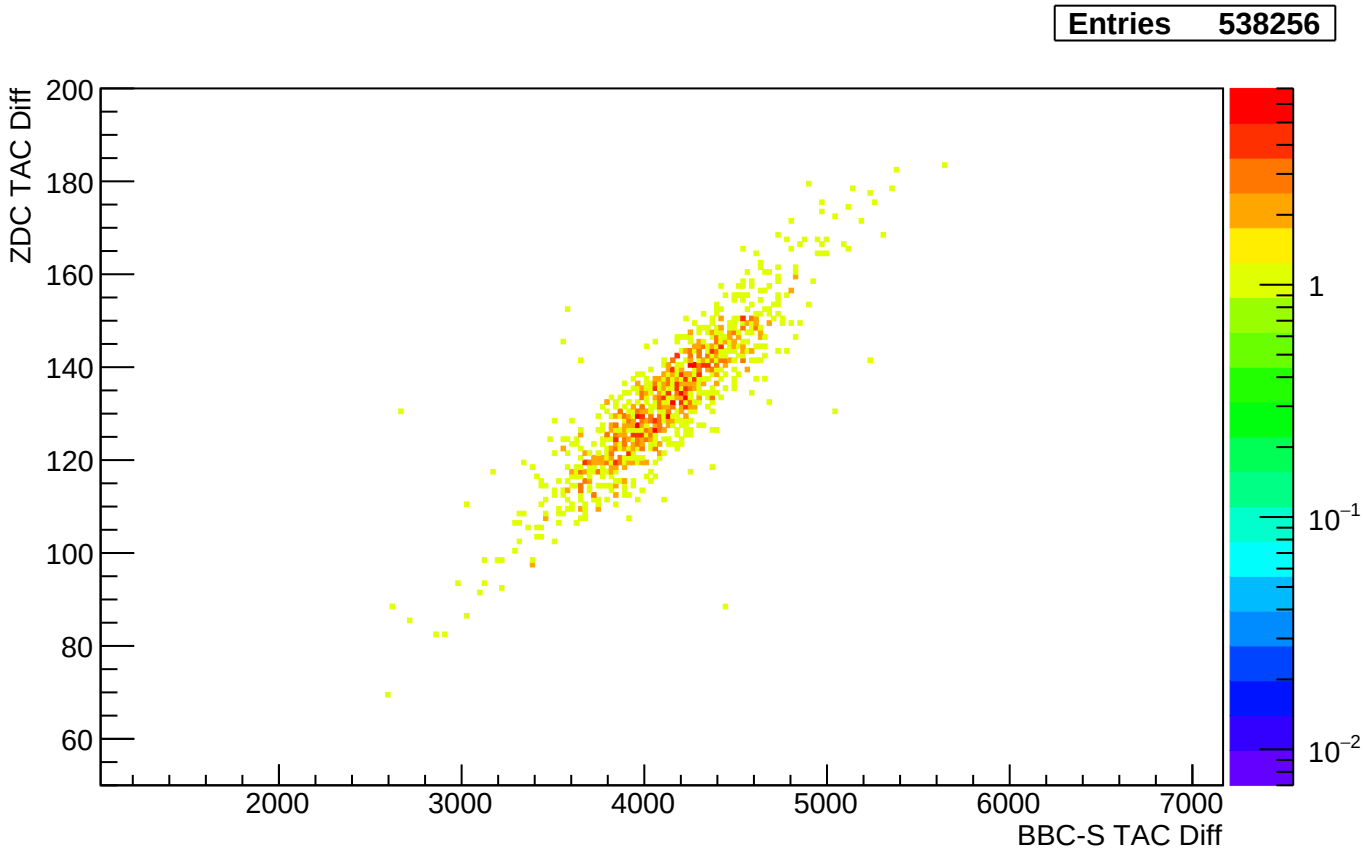

Entries 538256
TOF-Mult
EPD-West Hit Cnt

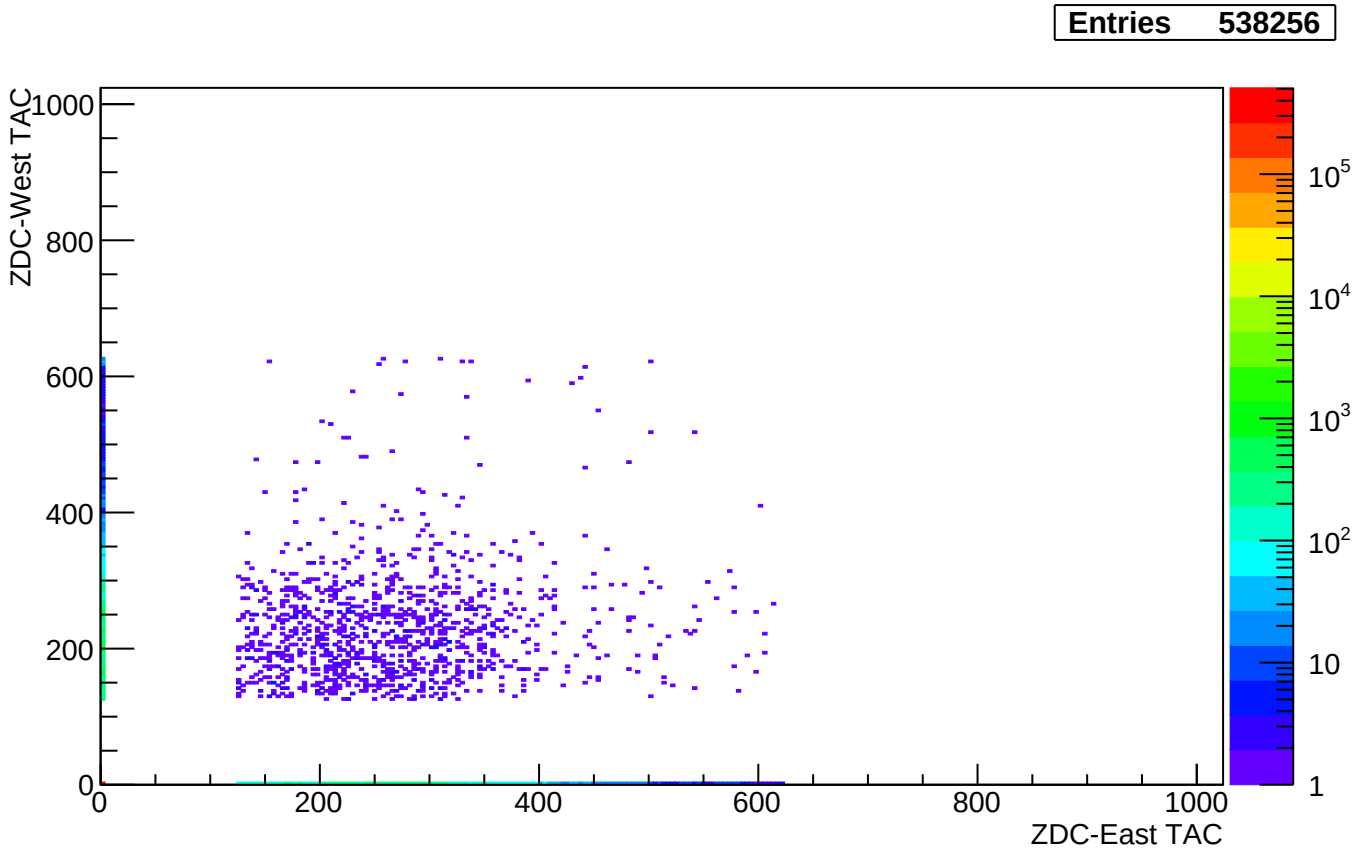

Entries 538256
TOF-Mult
VPD-East ADC Sum

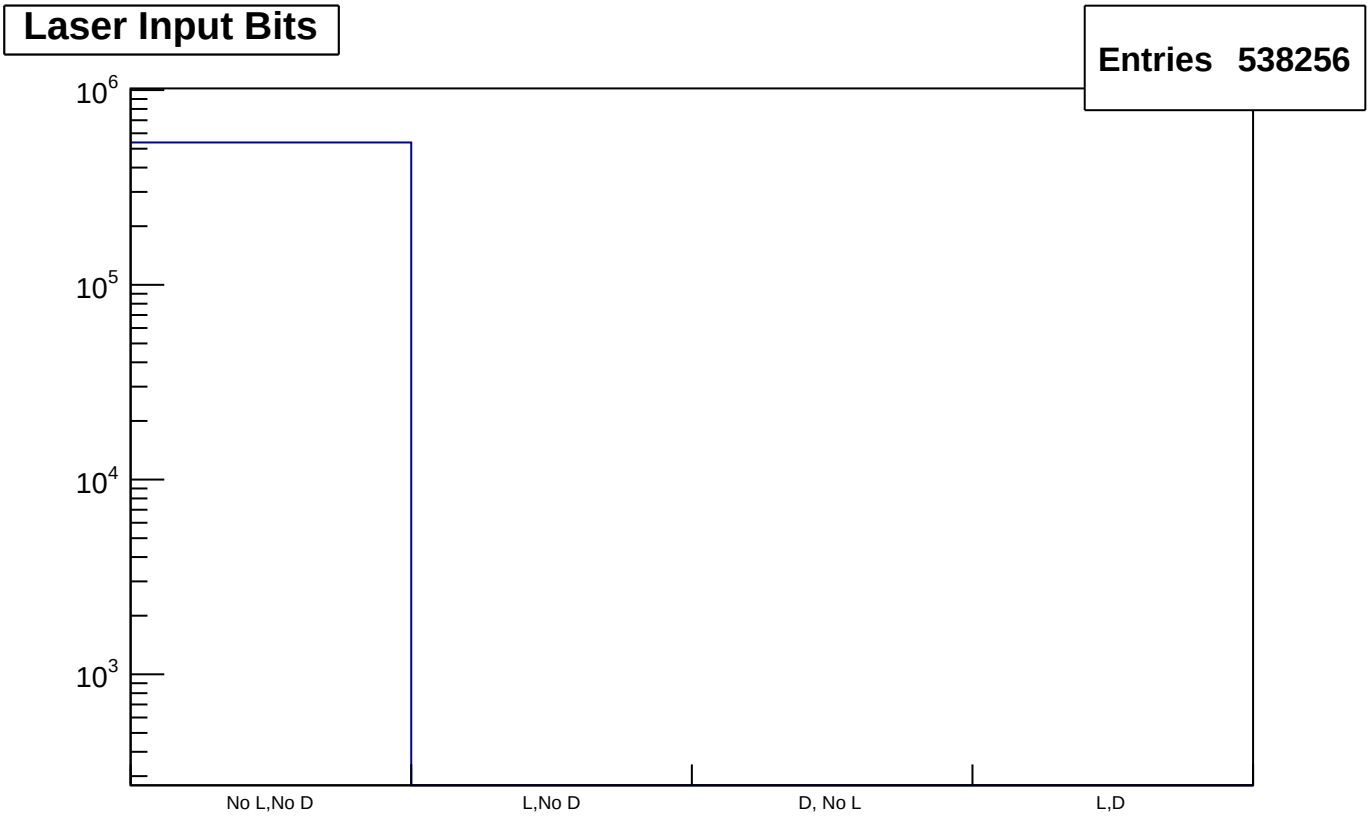

Entries 538256
TOF-Mult
VPD-West ADC Sum

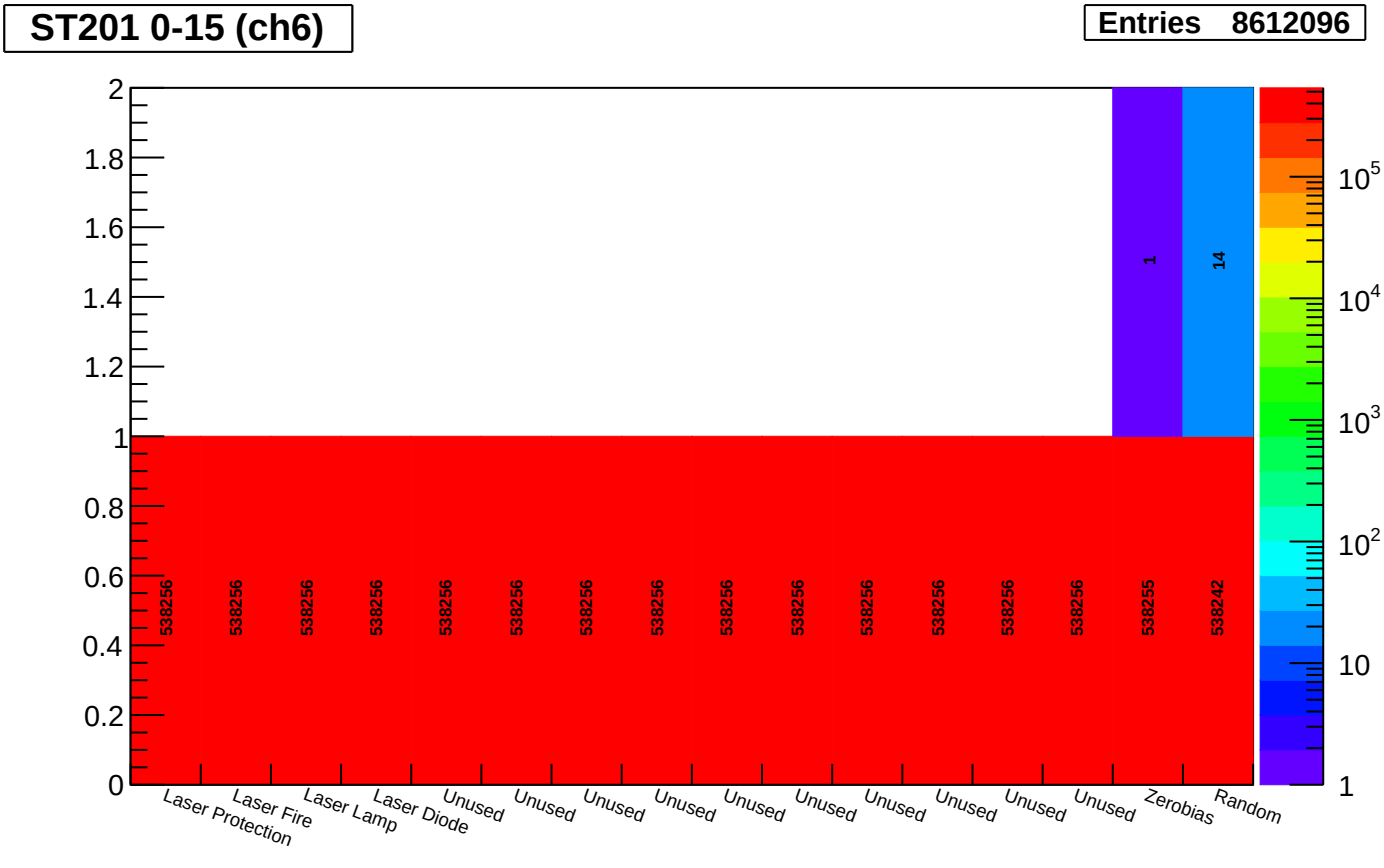

Entries 538256
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

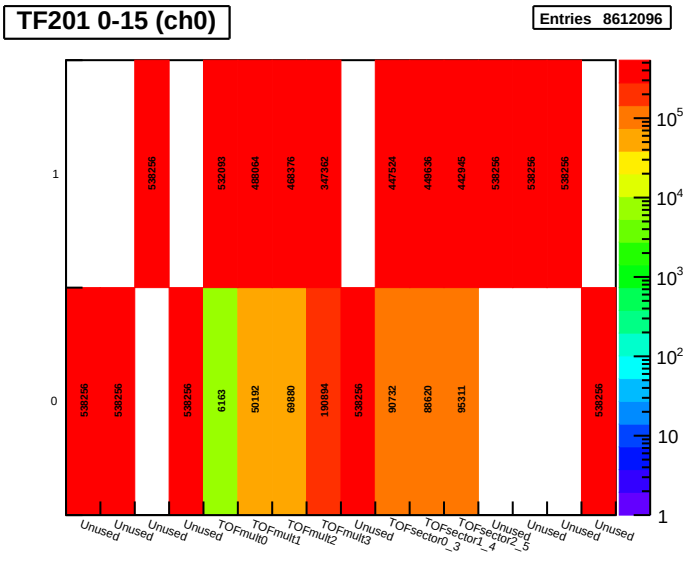

Entries 538256
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

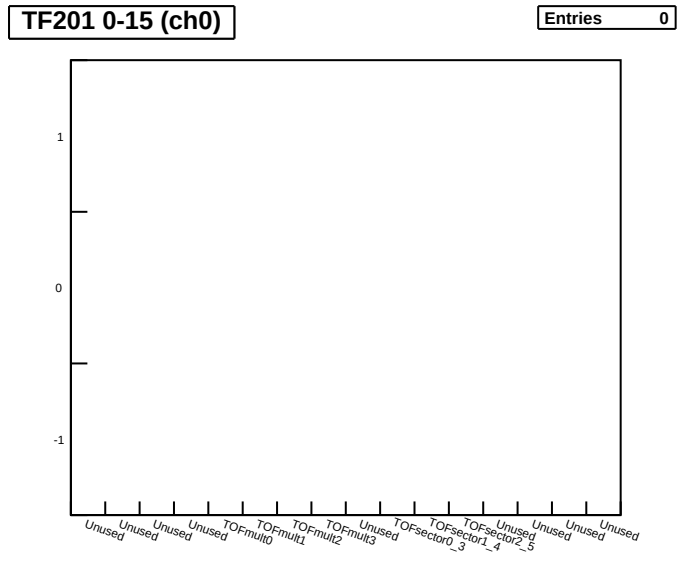

Entries 538256
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

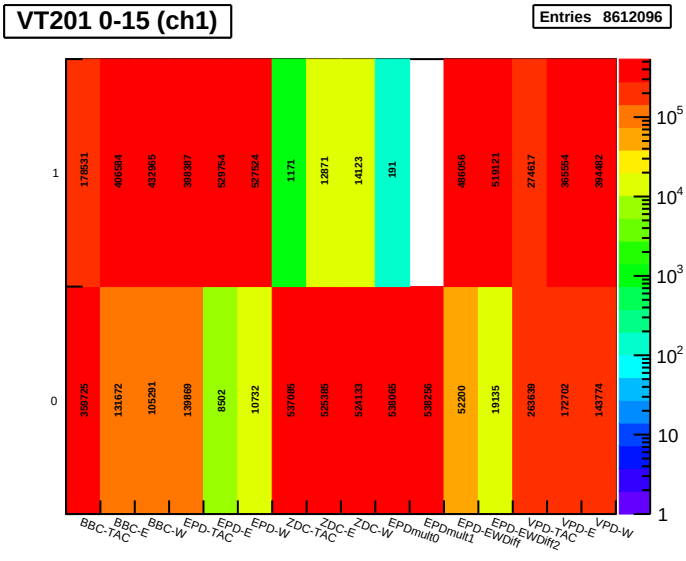

Entries 538256
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

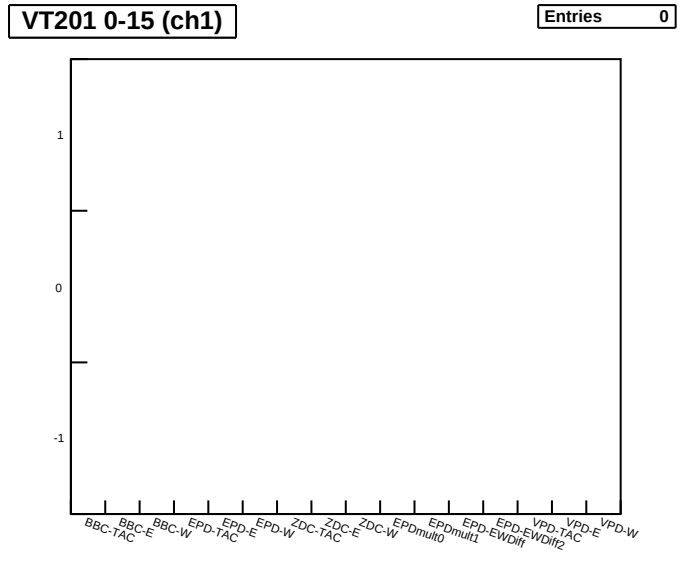

Laser Input Bits
Entries 538256
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

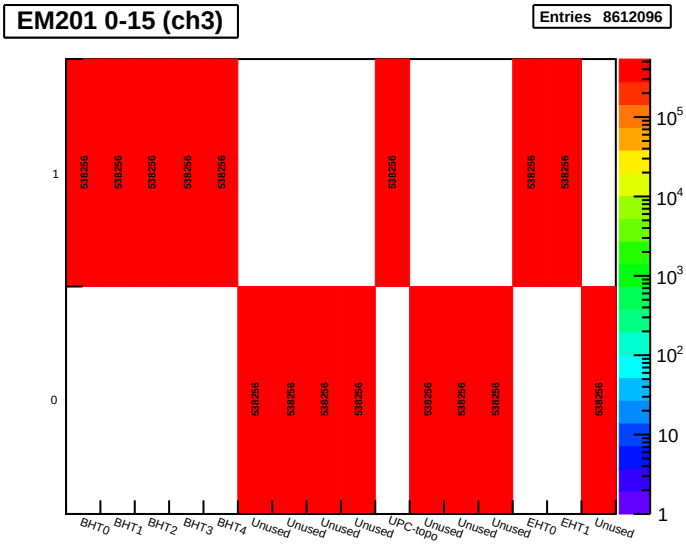

ST201 0-15 (ch6)
Entries 8612096
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
538256
538256
538256
538256
538256
538256
538256
538256
538256
538256
538256
538256
538256
538256
538255
538242
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

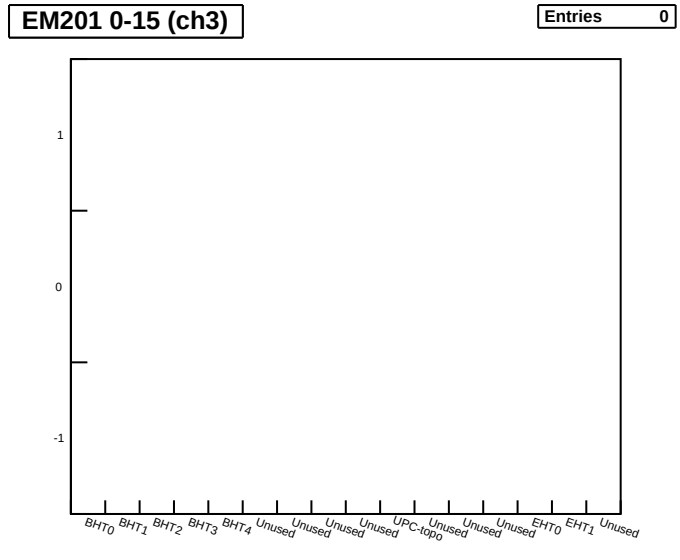

TF201 0-15 (ch0)
Entries 8612096
1
0
538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256
6163 50192 69880 190894 90732 88620 95311
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 8612096
1
0
178531 406584 432965 398387 529754 527524 1171 12871 14123 191 486056 519121 274617 365554 394482
399725 131672 105291 138869 8502 10732 537085 525385 524133 538065 538256 52200 19135 263639 172702 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 8612096
1
0
538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256 538256
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