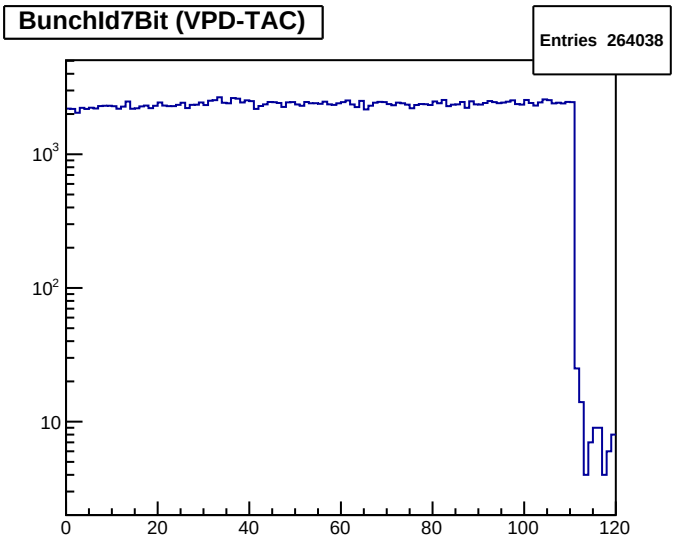
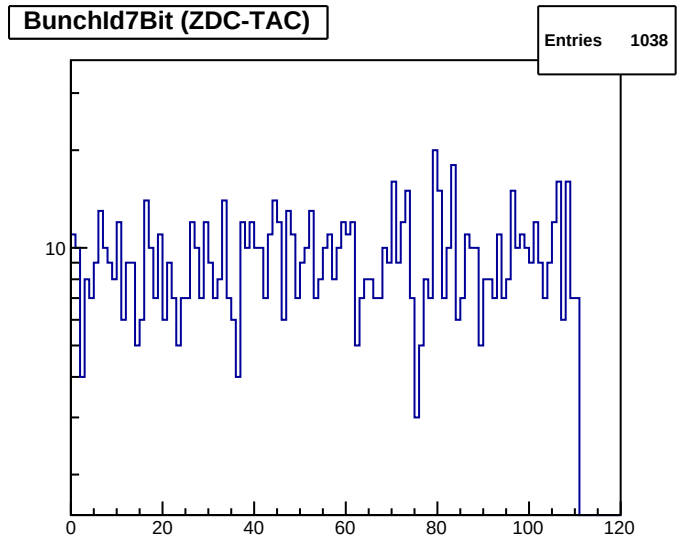
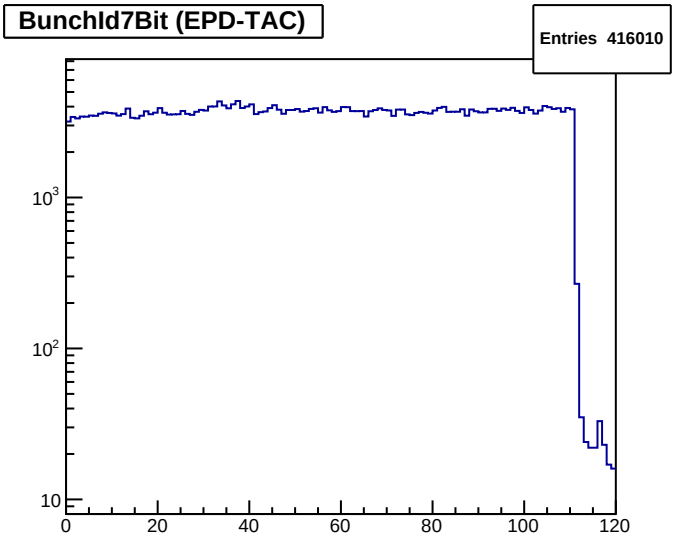
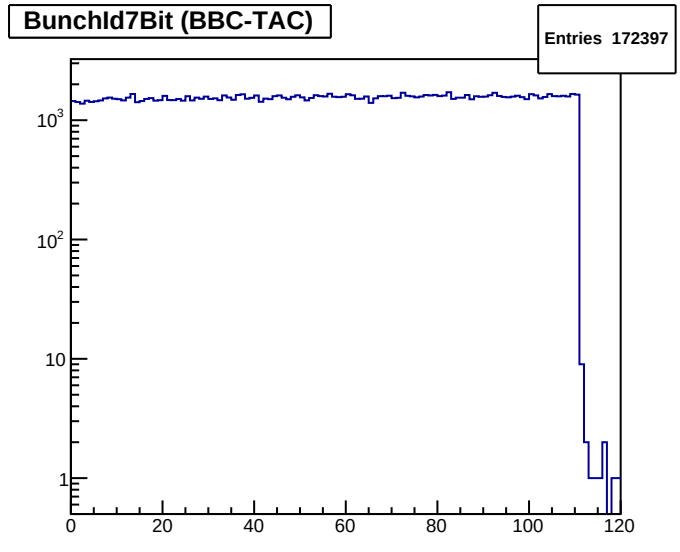
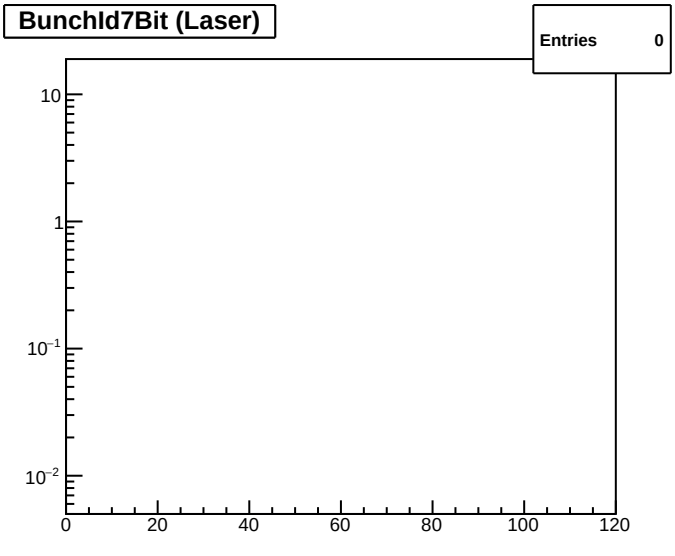
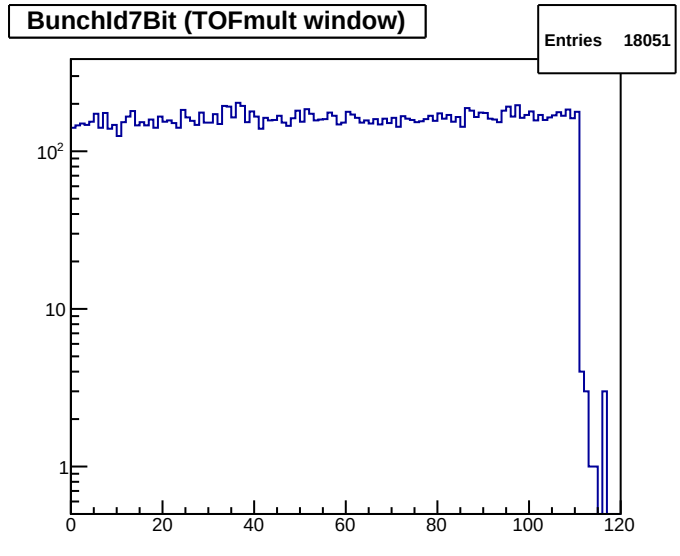

BunchId7Bit (VPD-TAC)
Entries 264038

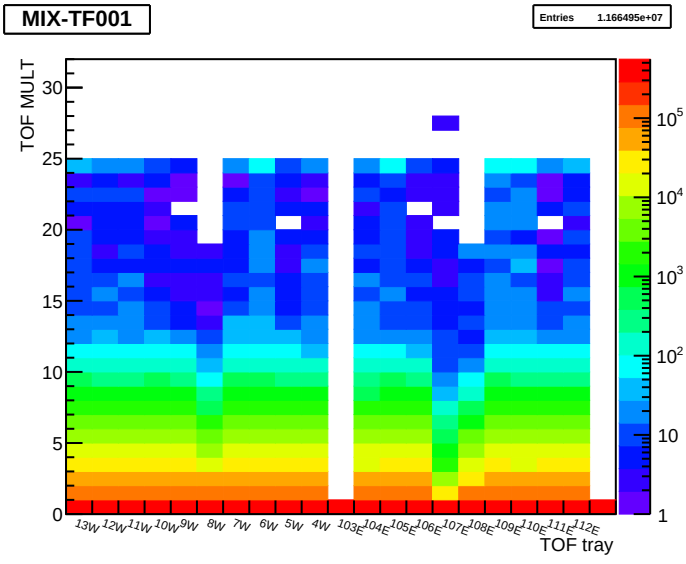

BunchId7Bit (ZDC-TAC)
Entries 1038

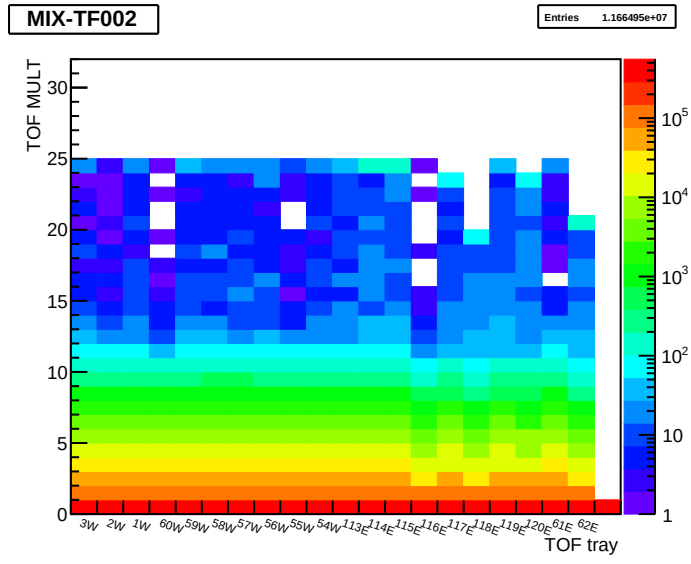

BunchId7Bit (EPD-TAC)
Entries 416010

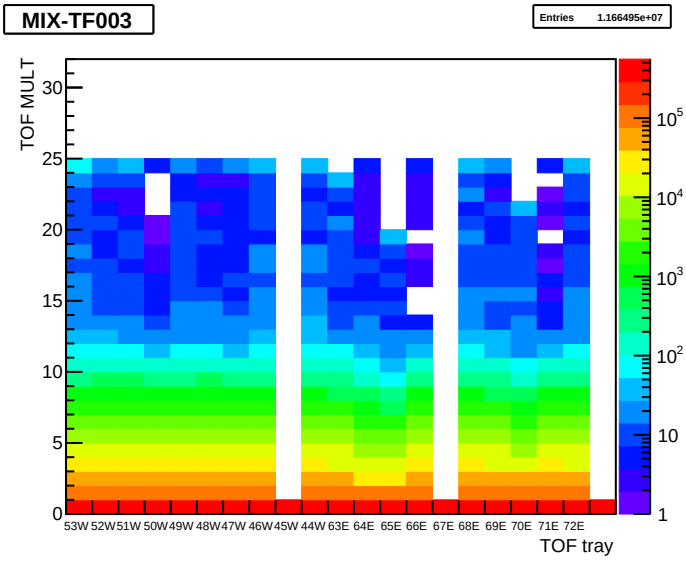

BunchId7Bit (BBC-TAC)
Entries 172397

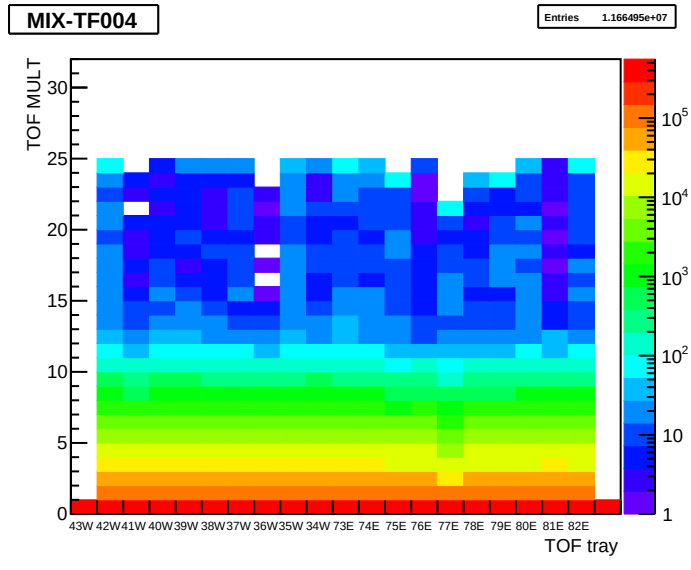

BunchId7Bit (Laser)
Entries 0

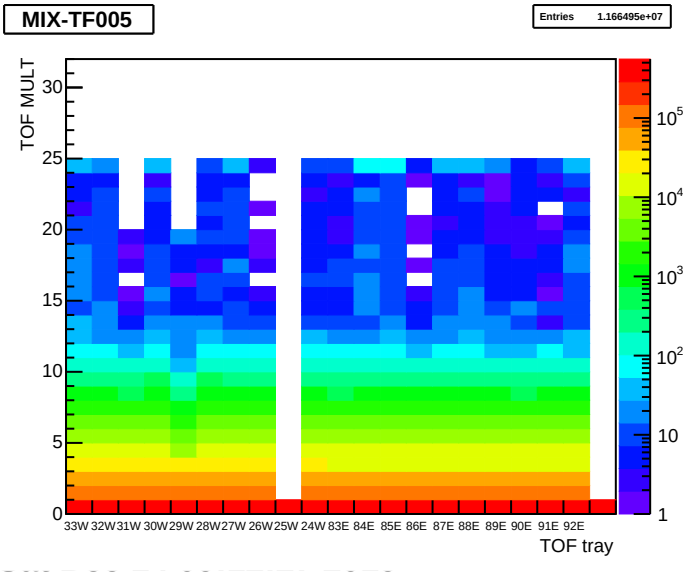

BunchId7Bit (TOFmult window)
Entries 18051

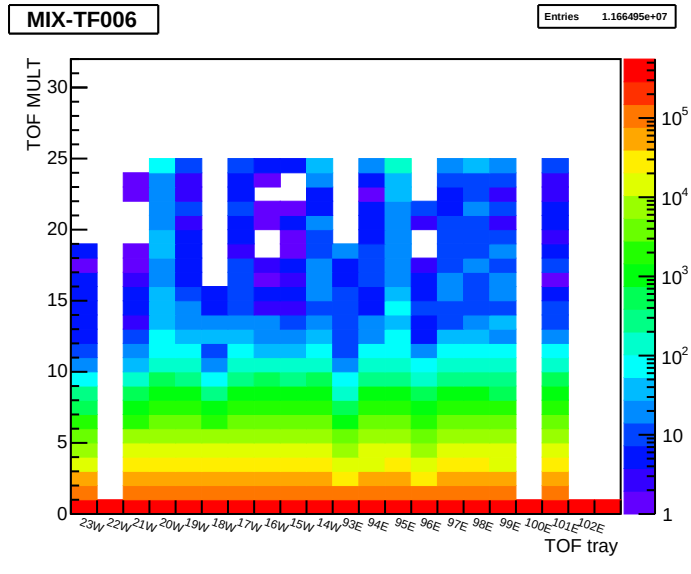

MIX-TF001
Entries 1.166495e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

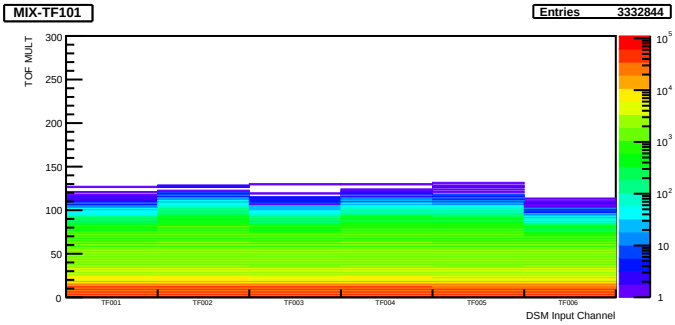

MIX-TF002
Entries 1.166495e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

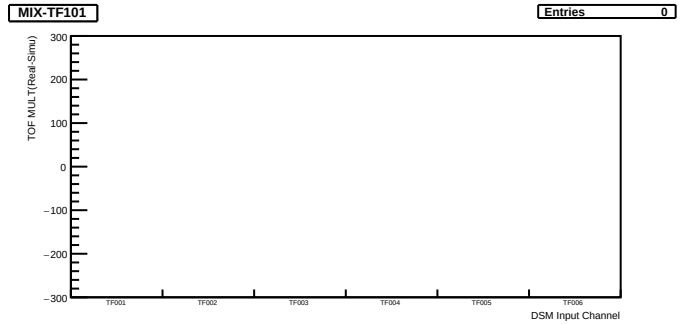

MIX-TF003
Entries 1.166495e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

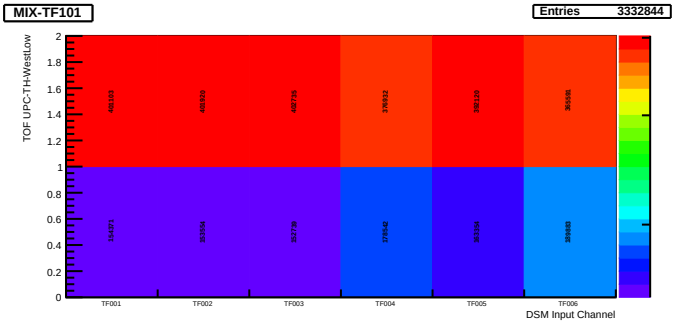

MIX-TF004
Entries 1.166495e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

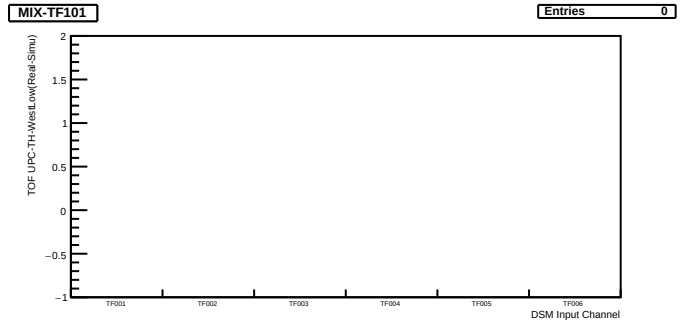

MIX-TF005
Entries 1.166495e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

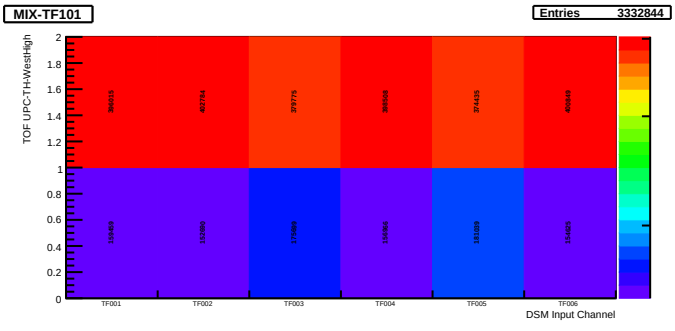

MIX-TF006
Entries 1.166495e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

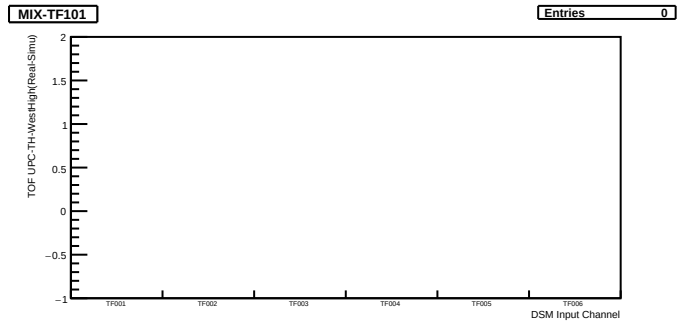

MIX-TF101
Entries 3332844
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

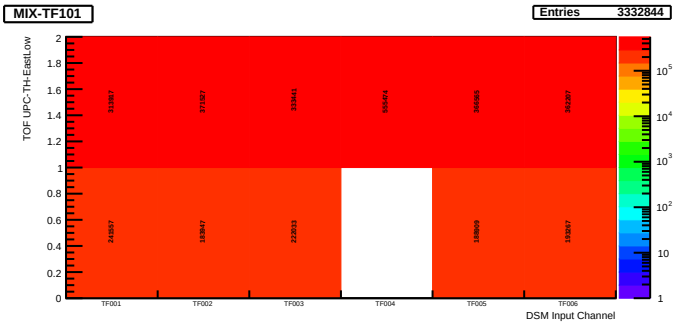

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

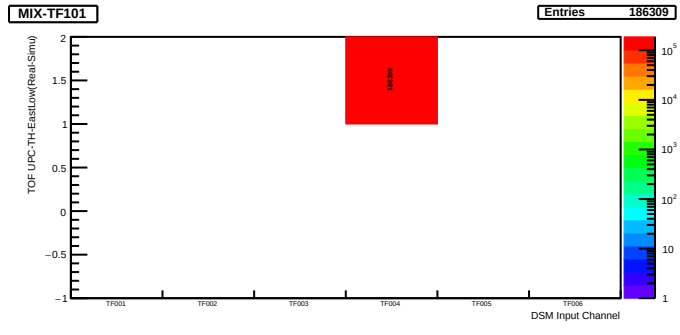

MIX-TF101
Entries 3332844
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

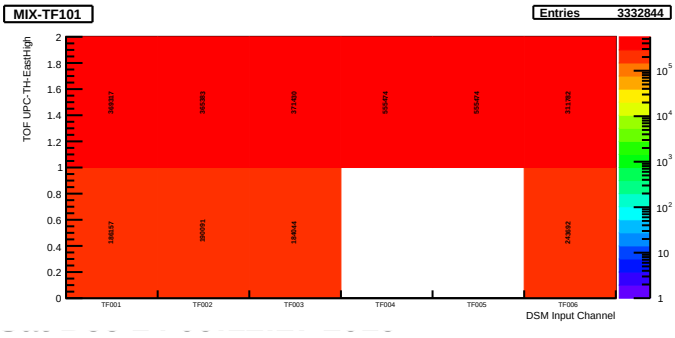

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

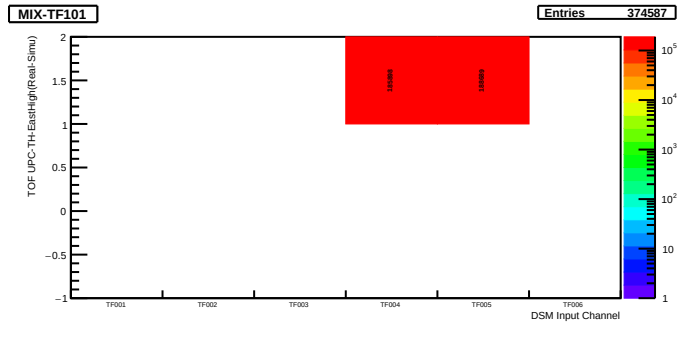

MIX-TF101
Entries 3332844
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

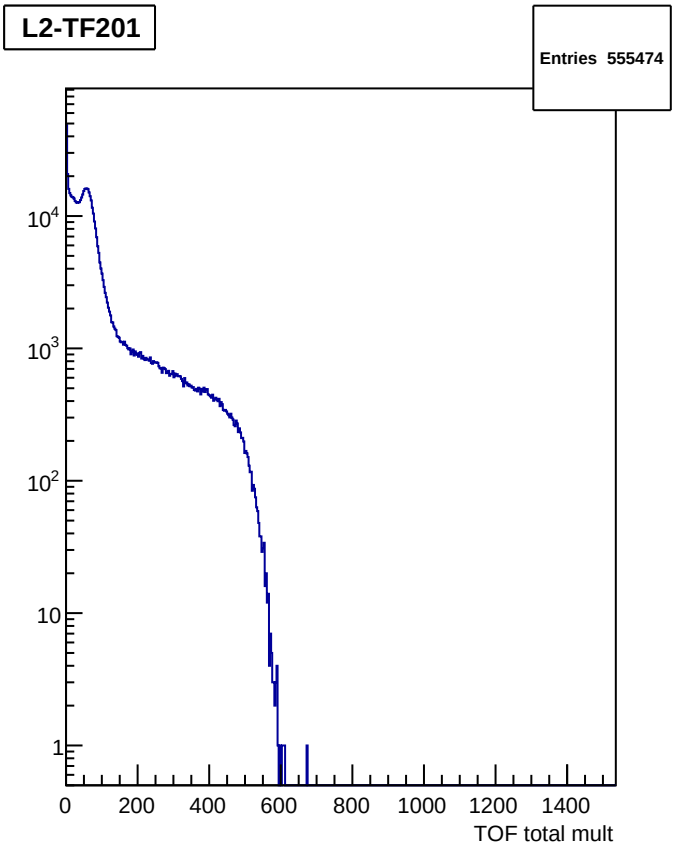

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

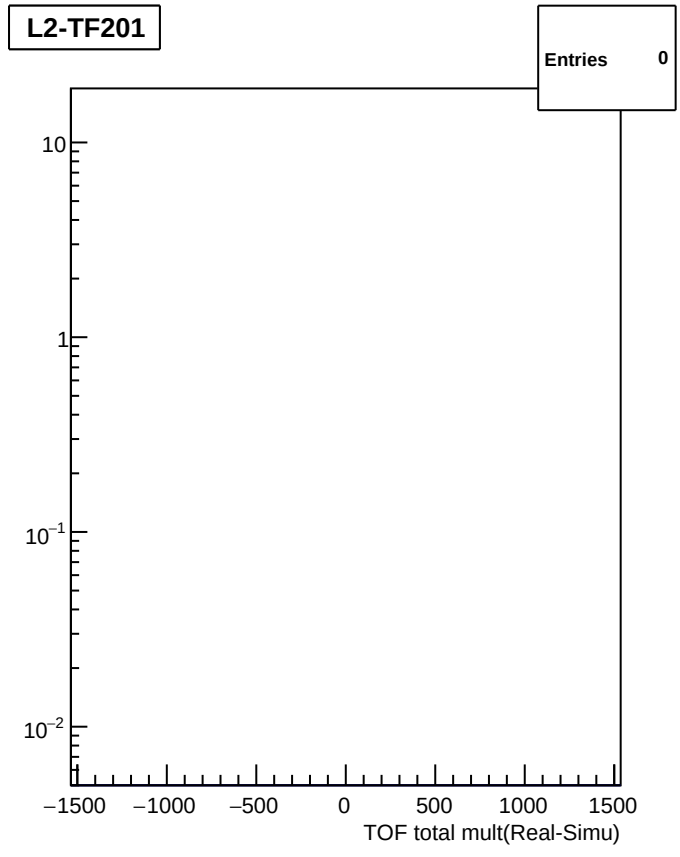

MIX-TF101
Entries 3332844
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

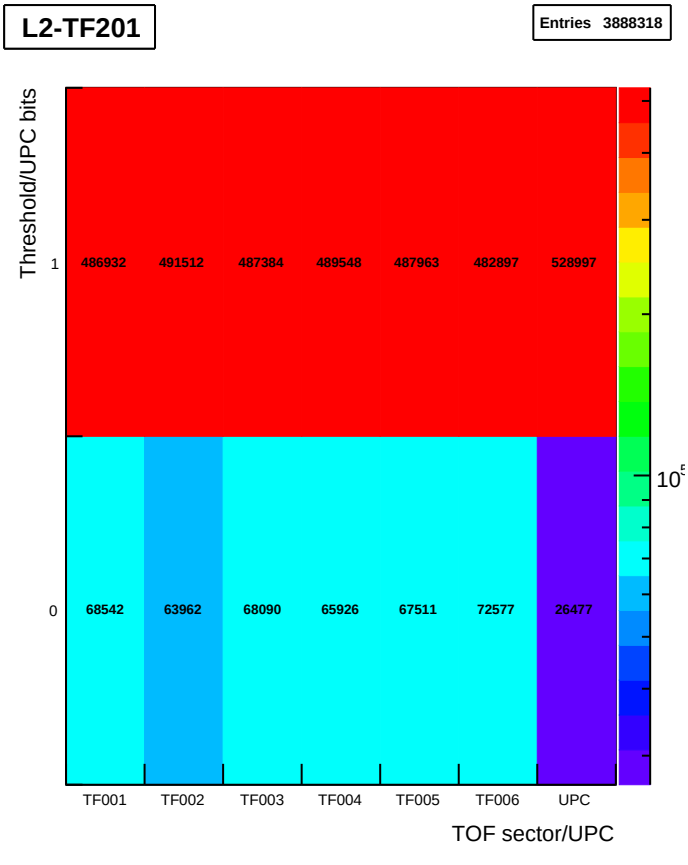

MIX-TF101
Entries 186309
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

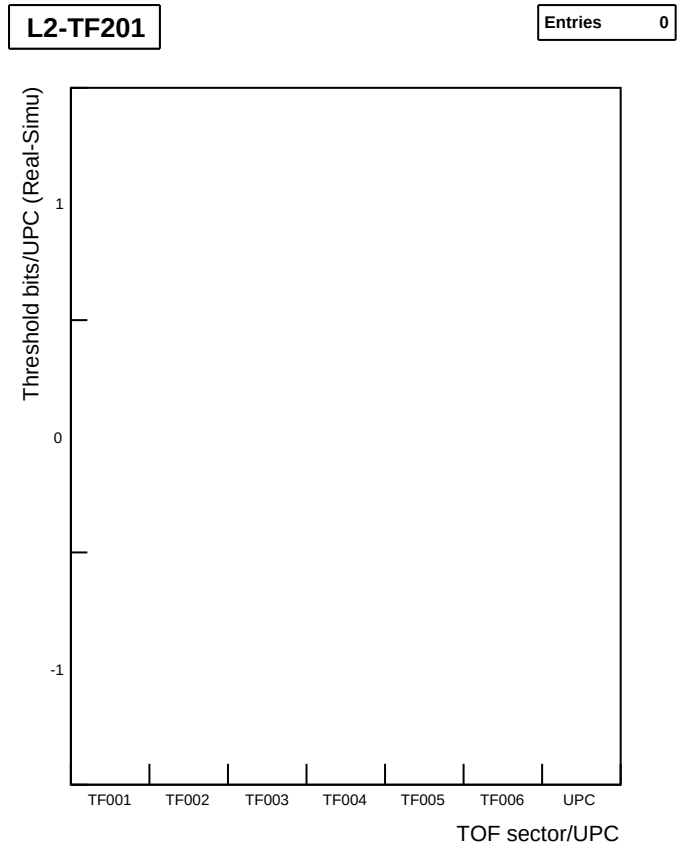

MIX-TF101
Entries 3332844
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

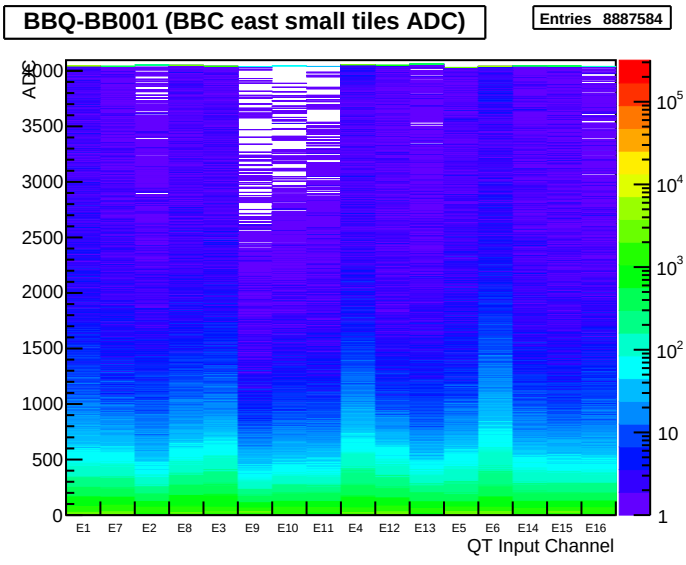

MIX-TF101
Entries 374587
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

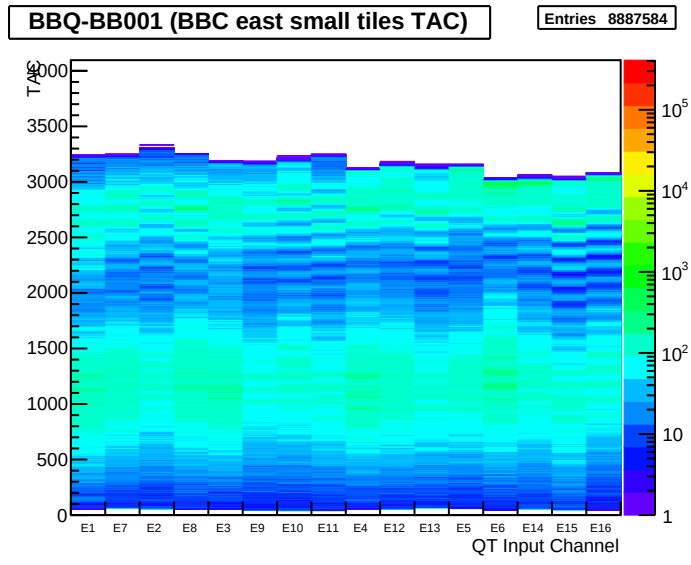

L2-TF201
Entries 555474
TOF total mult

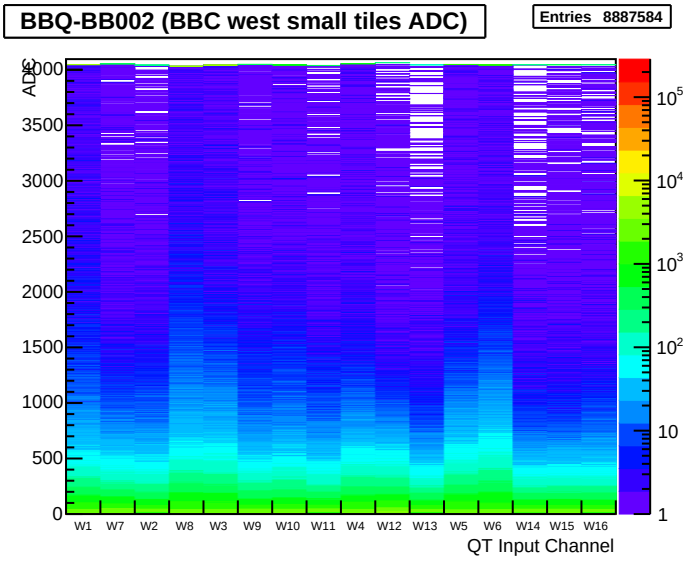

L2-TF201
Entries 0
TOF total mult(Real-Simu)

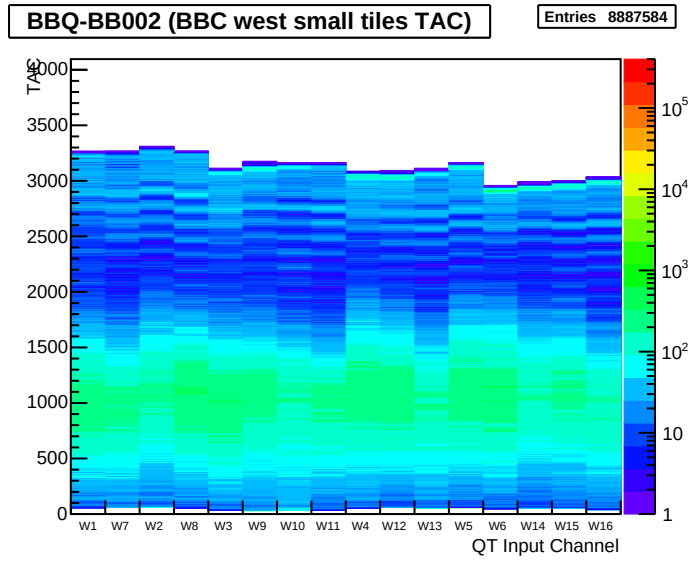

L2-TF201
Entries 3888318
Threshold/UPC bits
486932
491512
487384
489548
487963
482897
528997
68542
63962
68090
65926
67511
72577
26477
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

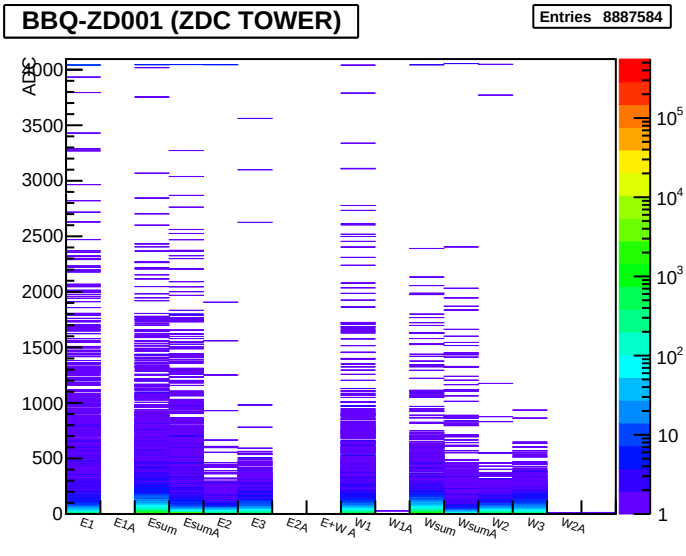

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

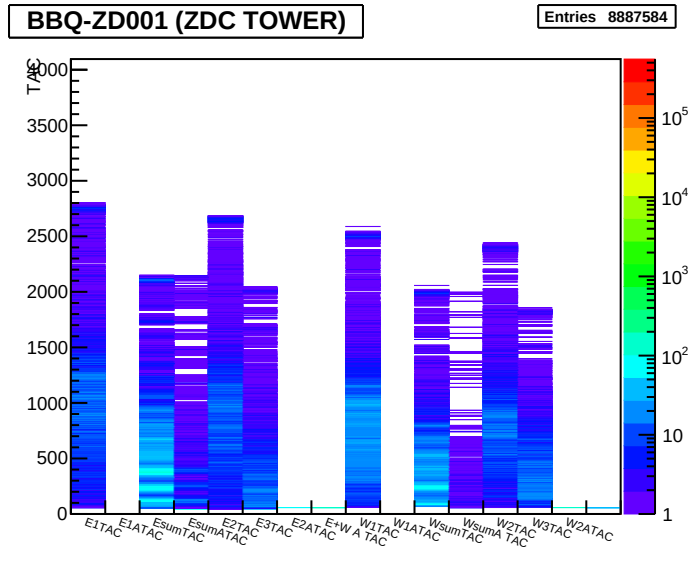

BBQ-BB001 (BBC east small tiles ADC)
Entries 8887584
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

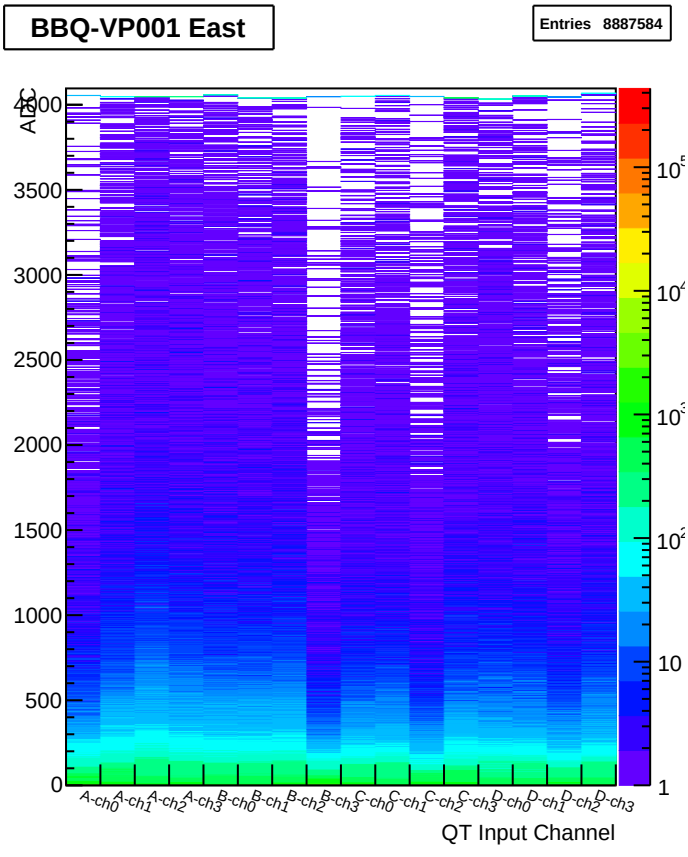

BBQ-BB001 (BBC east small tiles TAC)
Entries 8887584
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

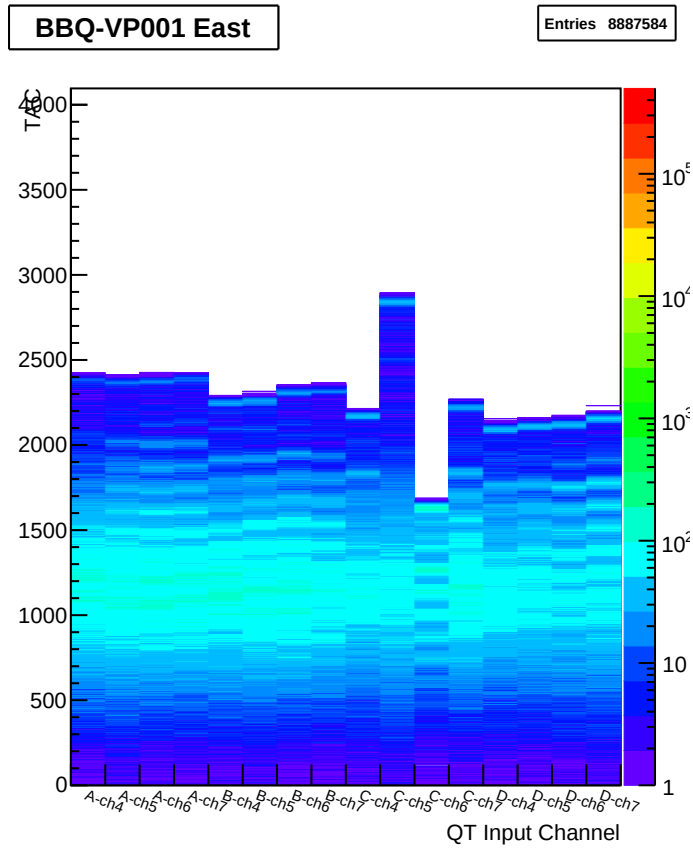

BBQ-BB002 (BBC west small tiles ADC)
Entries 8887584
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

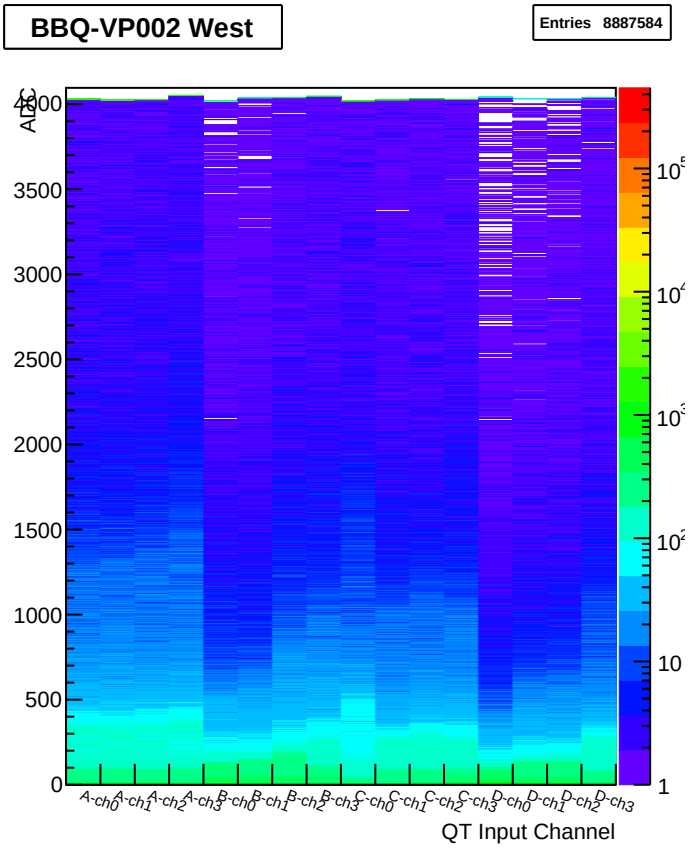

BBQ-BB002 (BBC west small tiles TAC)
Entries 8887584
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

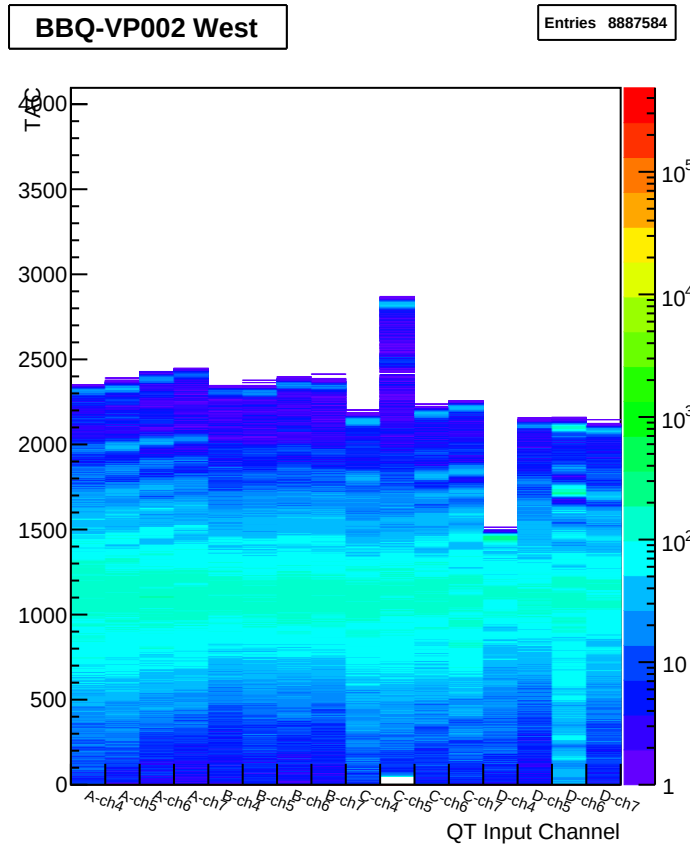

BBQ-ZD001 (ZDC TOWER)
Entries 8887584
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

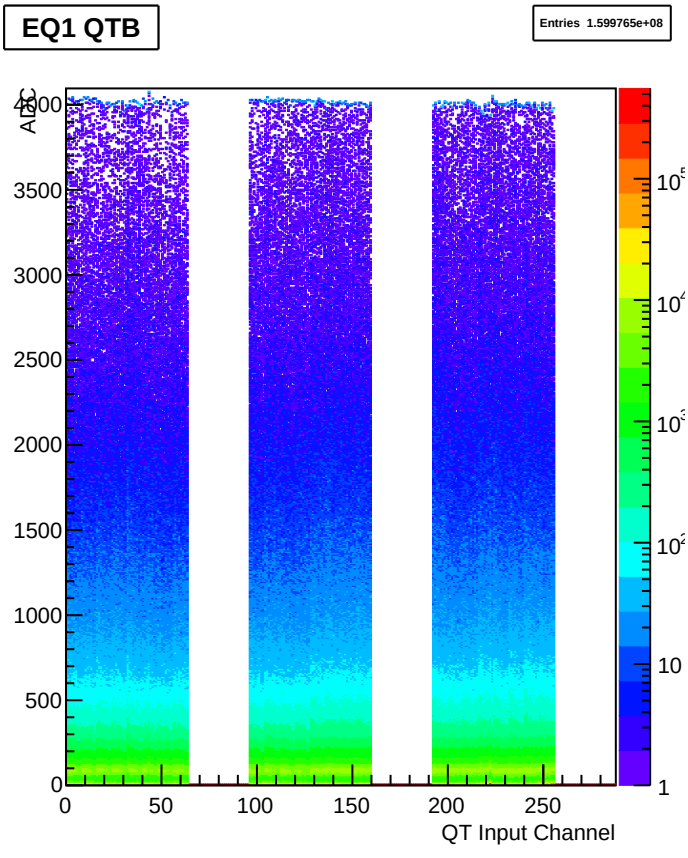

BBQ-ZD001 (ZDC TOWER)
Entries 8887584
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

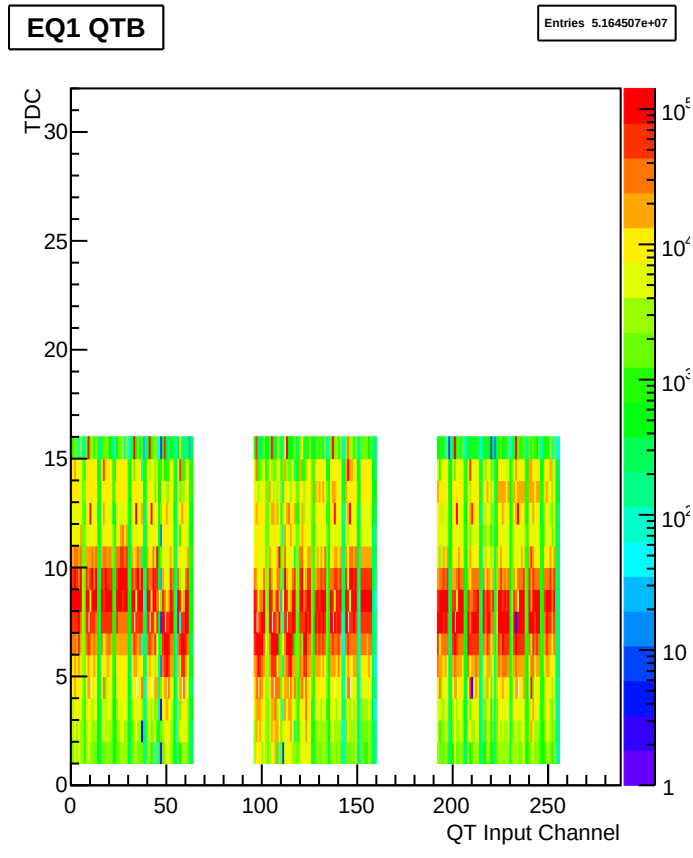

BBQ-VP001 East
Entries 8887584
ADC
QT Input Channel

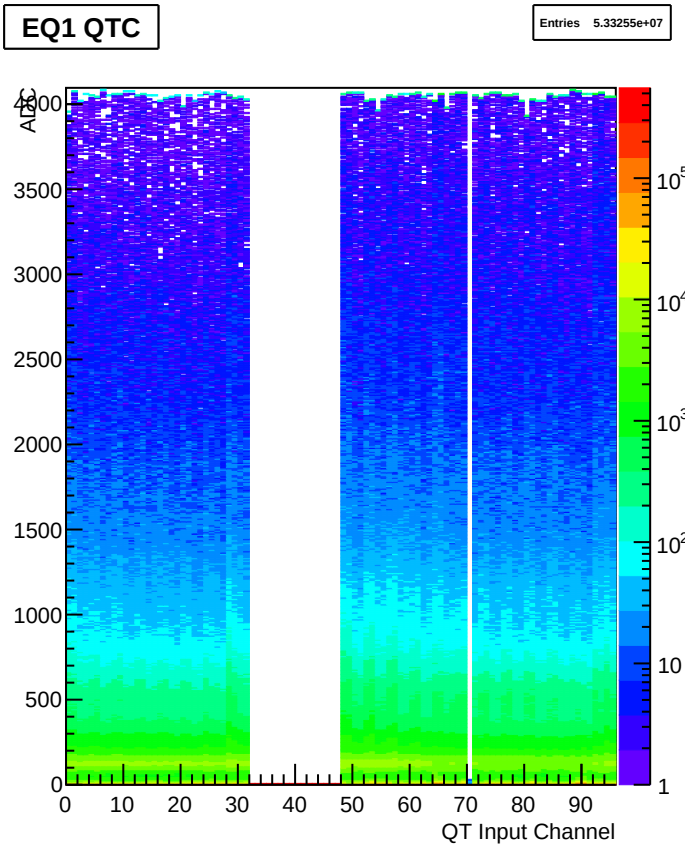

BBQ-VP001 East
Entries 8887584
TADC
QT Input Channel

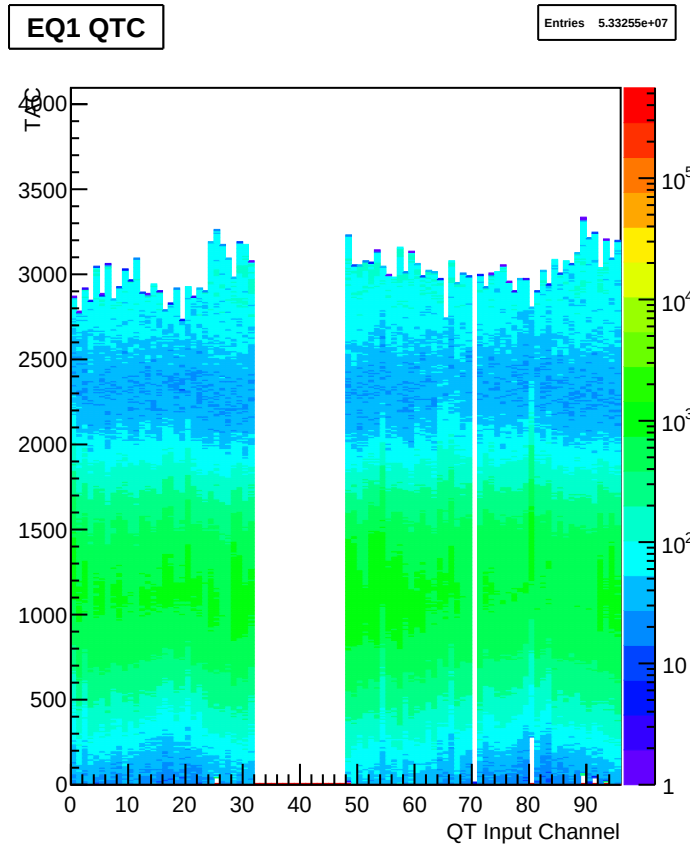

BBQ-VP002 West
Entries 8887584
ADC
QT Input Channel

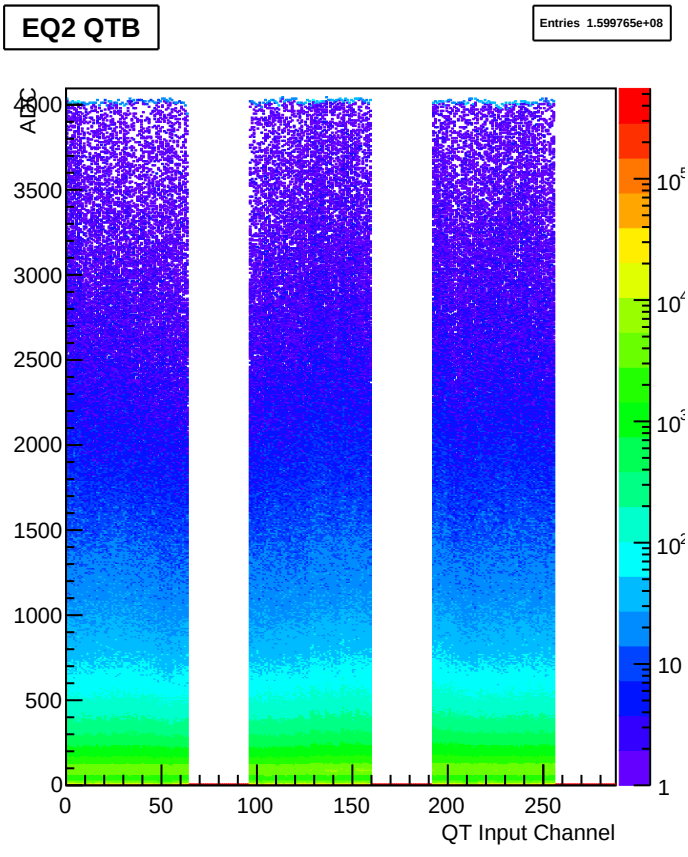

BBQ-VP002 West
Entries 8887584
TADC
QT Input Channel

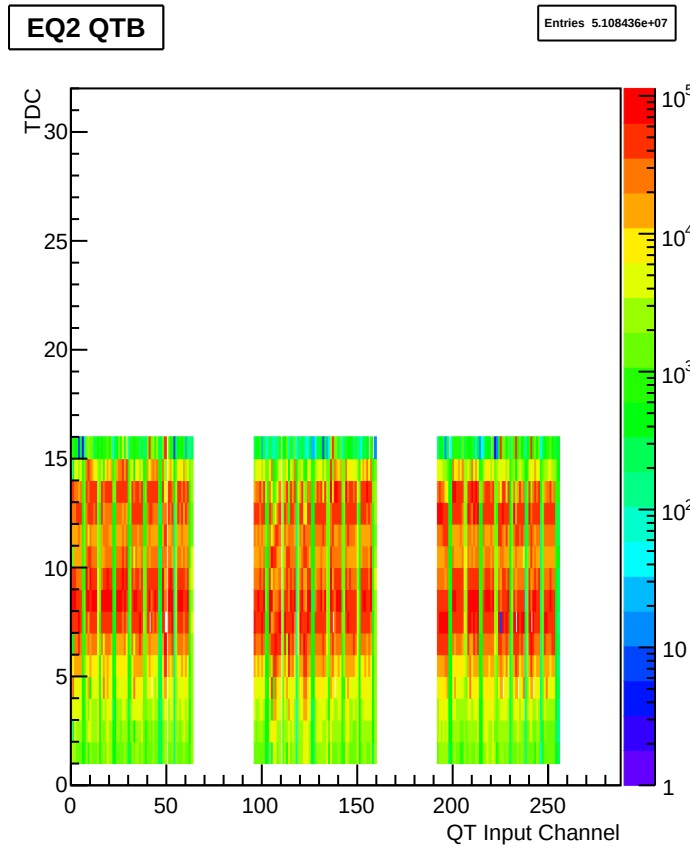

EQ1 QTB
Entries 1.599765e+08
ADC
QT Input Channel

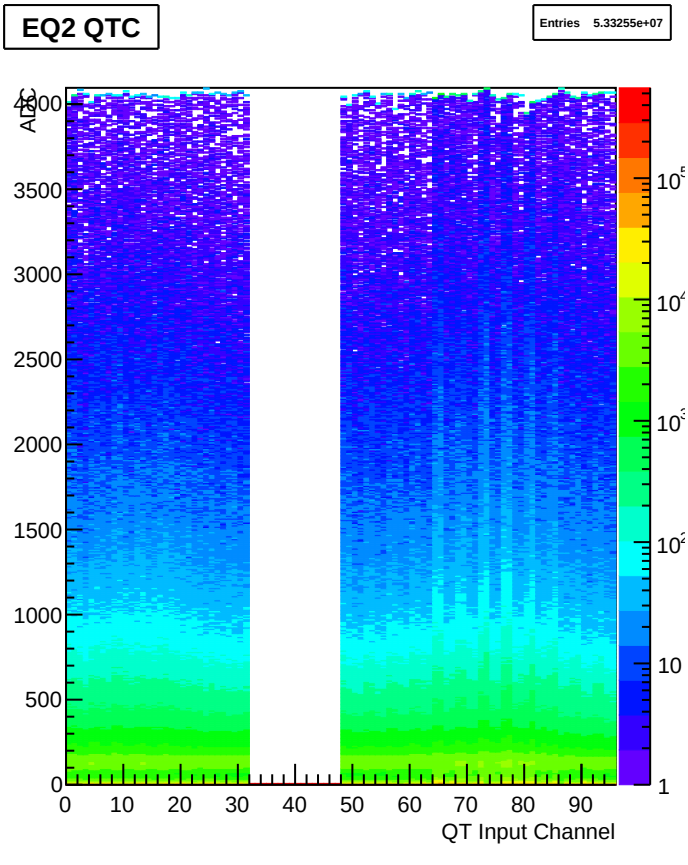

EQ1 QTB
Entries 5.164507e+07
TDC
QT Input Channel

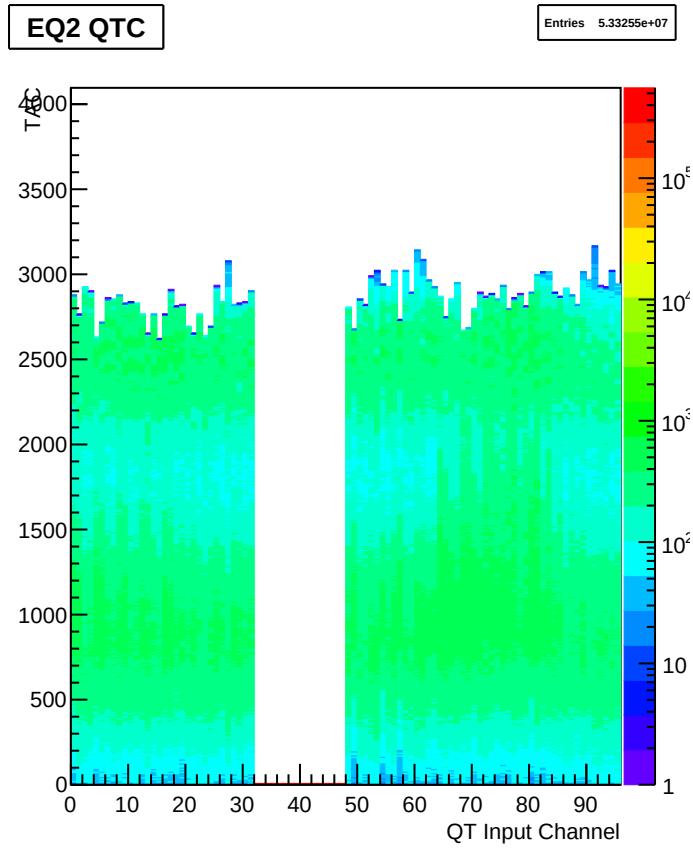

EQ1 QTC
Entries 5.33255e+07
ADC
QT Input Channel

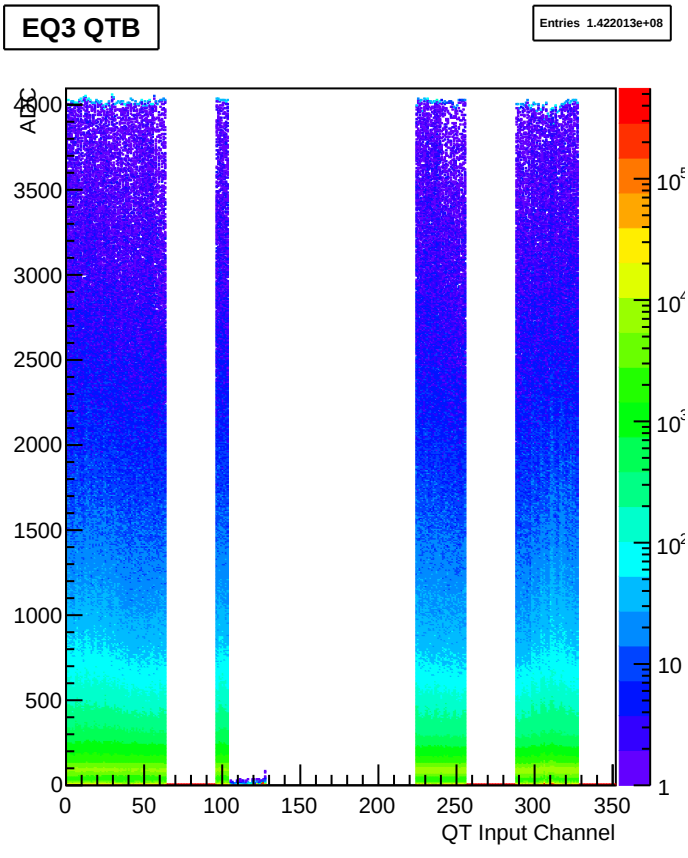

EQ1 QTC
Entries 5.33255e+07
TADC
QT Input Channel

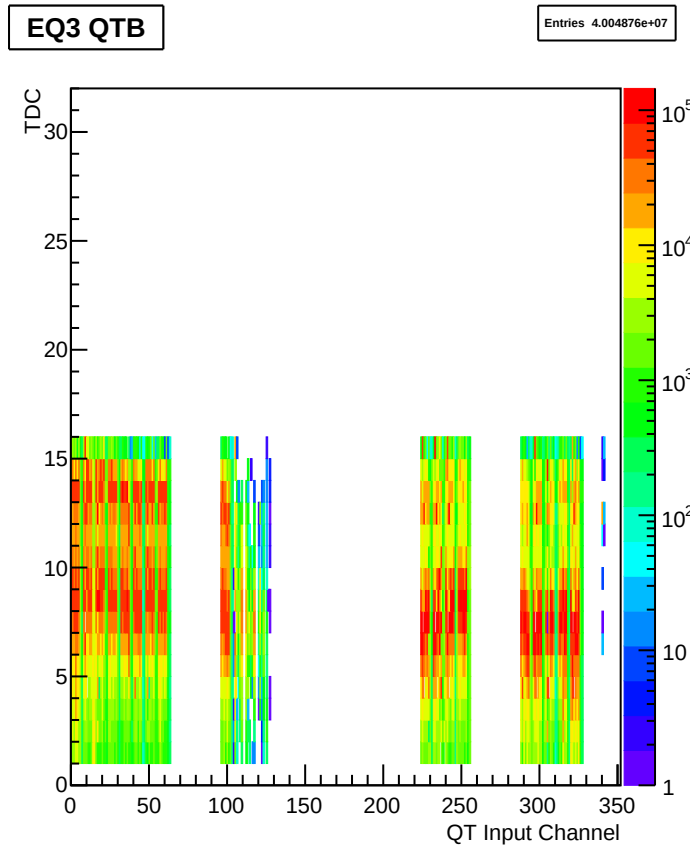

EQ2 QTB
Entries 1.599765e+08
ADC
QT Input Channel

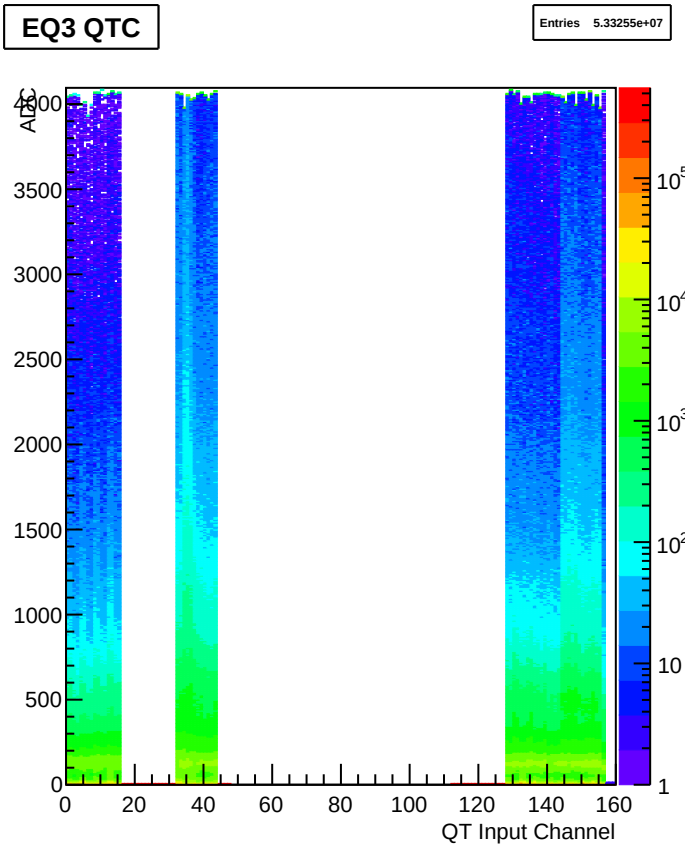

EQ2 QTB
Entries 5.108436e+07
TDC
QT Input Channel

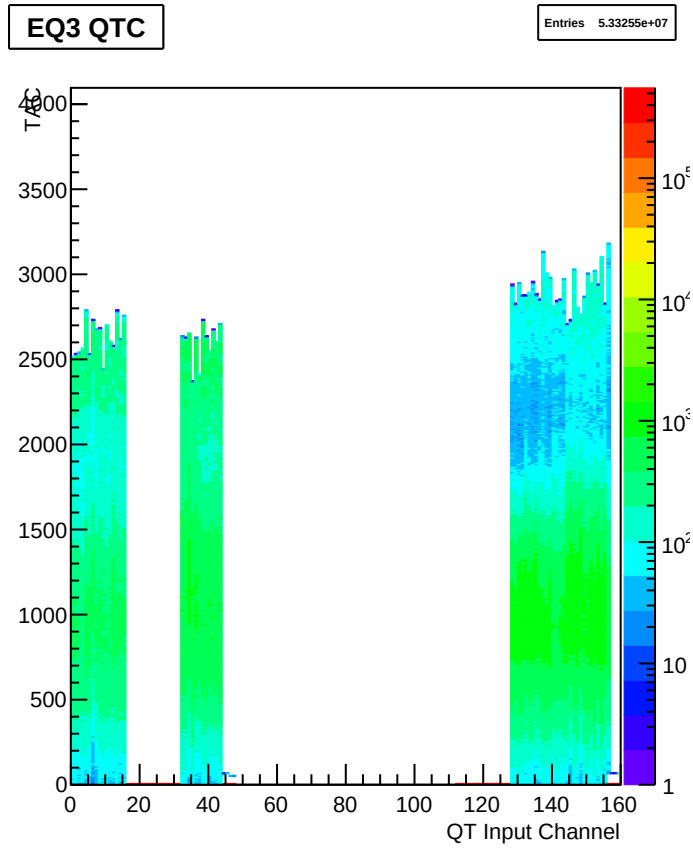

EQ2 QTC
Entries 5.33255e+07
ADC
QT Input Channel

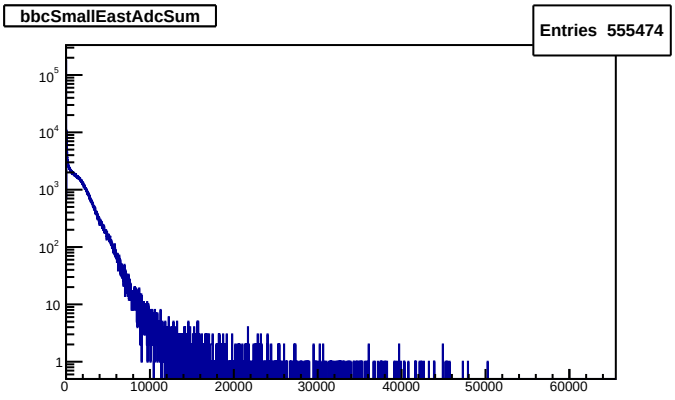

EQ2 QTC
Entries 5.33255e+07
TADC
QT Input Channel

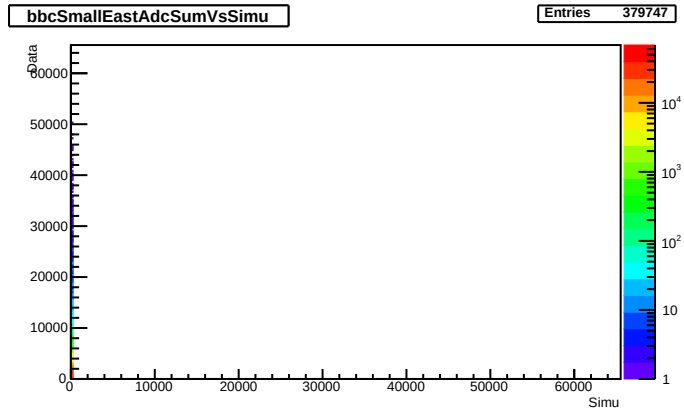

EQ3 QTB
Entries 1.422013e+08
ADC
QT Input Channel

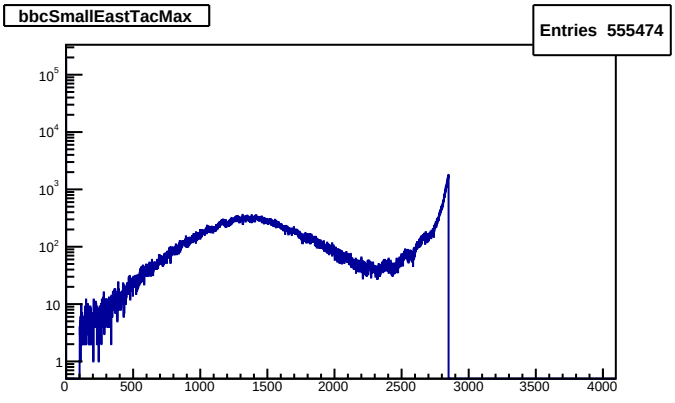

EQ3 QTB
Entries 4.004876e+07
TDC
QT Input Channel

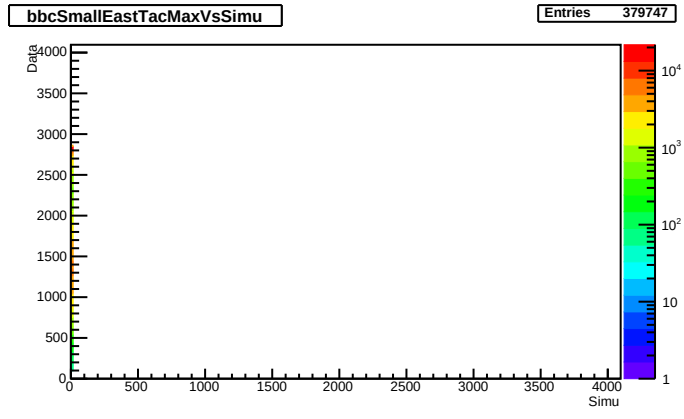

EQ3 QTC
Entries 5.33255e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.33255e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 555474


bbcSmallEastAdcSumVsSimu
Entries 379747
Data
Simu


bbcSmallEastTacMax
Entries 555474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Entries 379747
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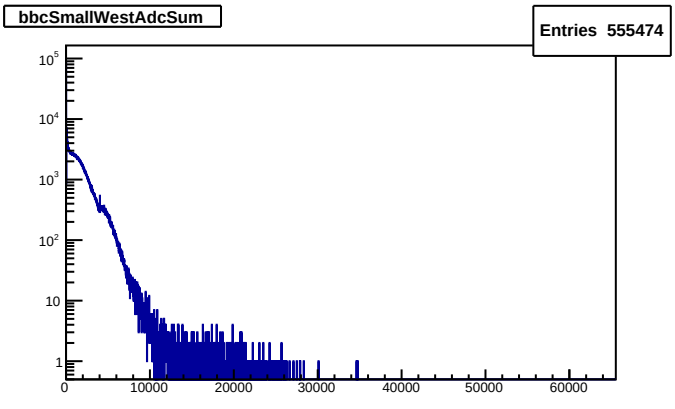
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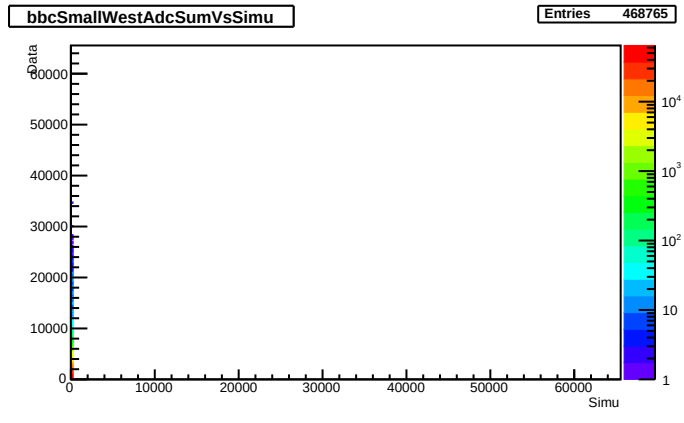
Entries 555474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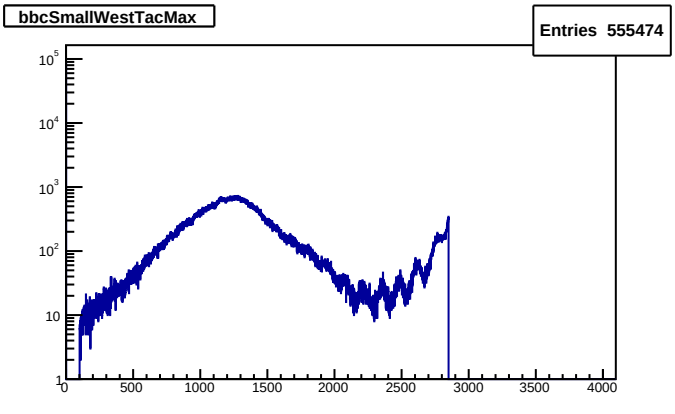
Entries 468765
Data
Simu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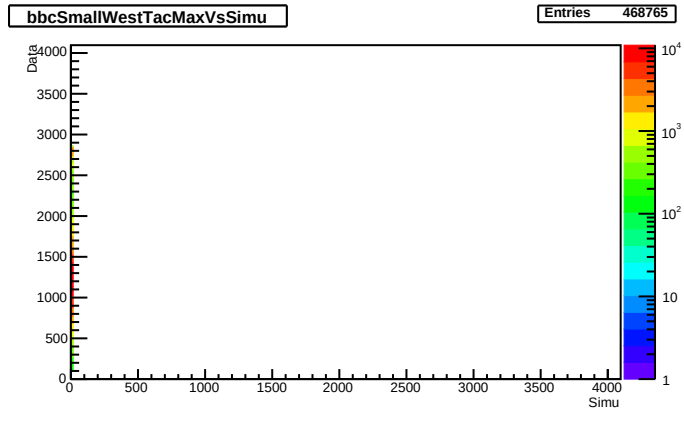
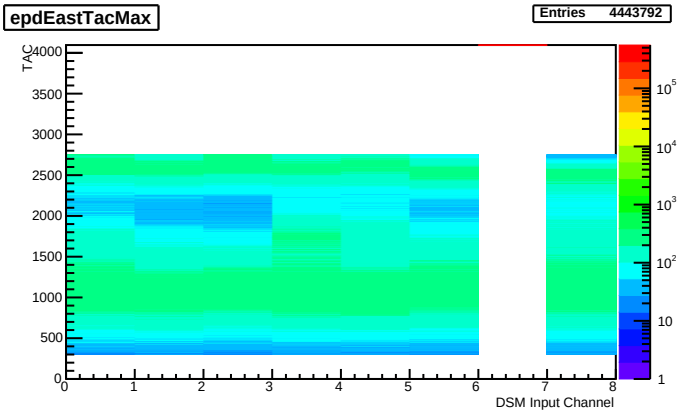
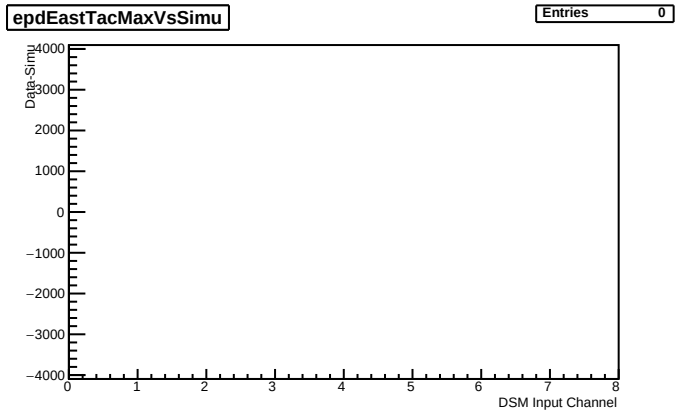

bbcSmallWestTacMaxVsSimu
Entries 468765
Data
Simu


epdEastTacMax
Entries 4443792
TAC
DSM Input Channel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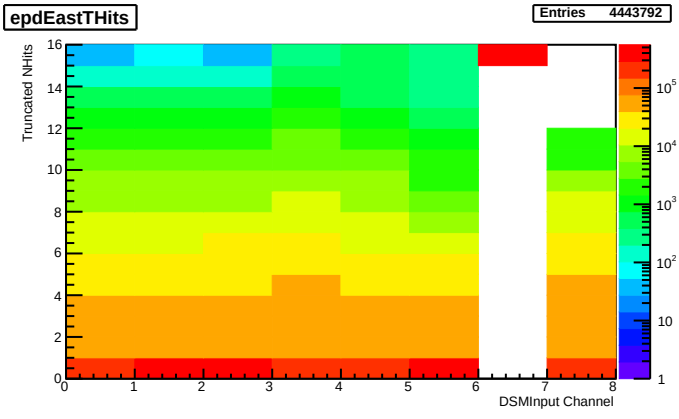
Entries 0
Data-Simu
DSM Input Channel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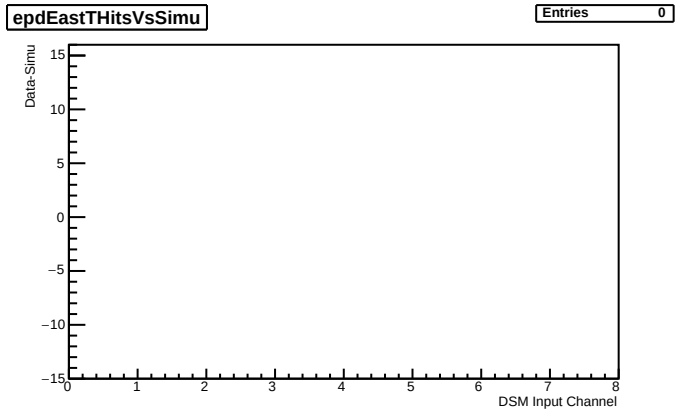
Entries 4443792
Truncated NHits
DSMInput Channel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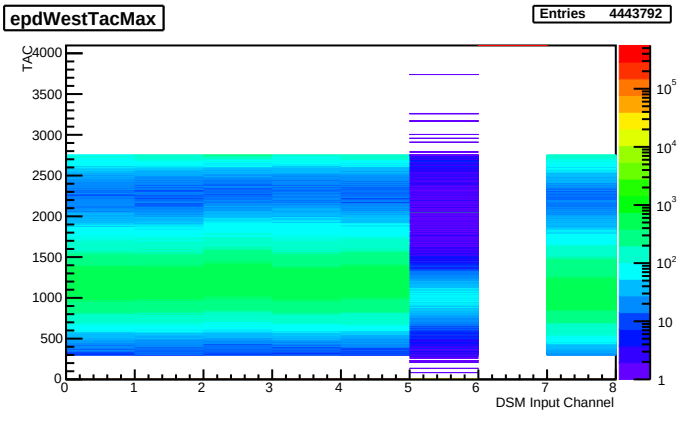
DSM Input Channel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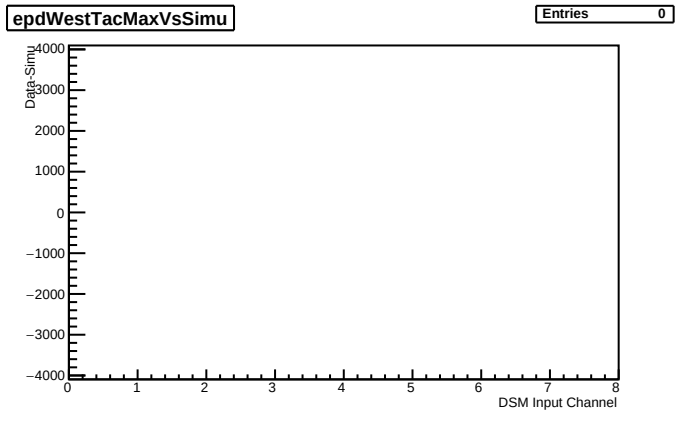
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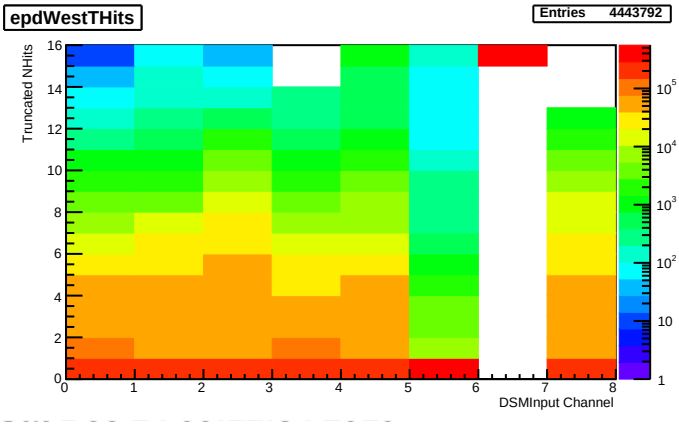
Data-Simu
DSM Input Channel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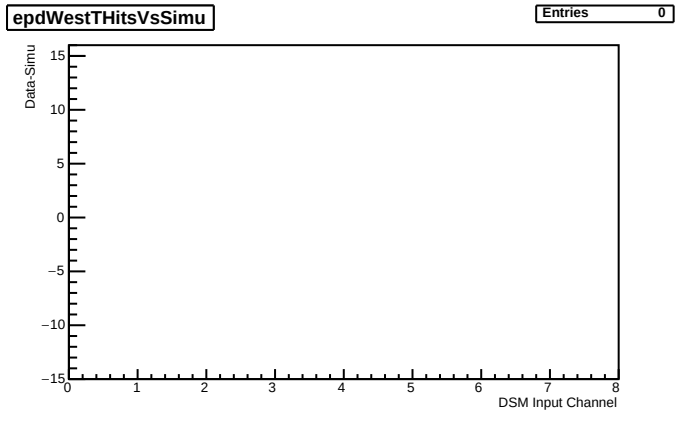
Entries 4443792
Truncated NHits
DSMInput Channel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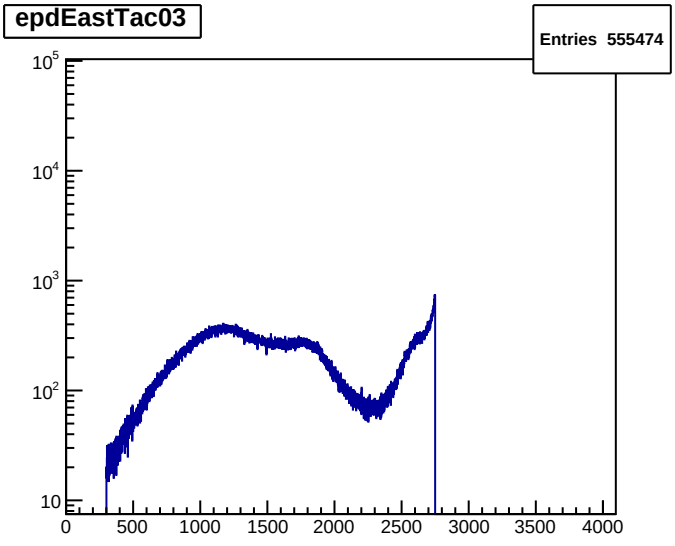
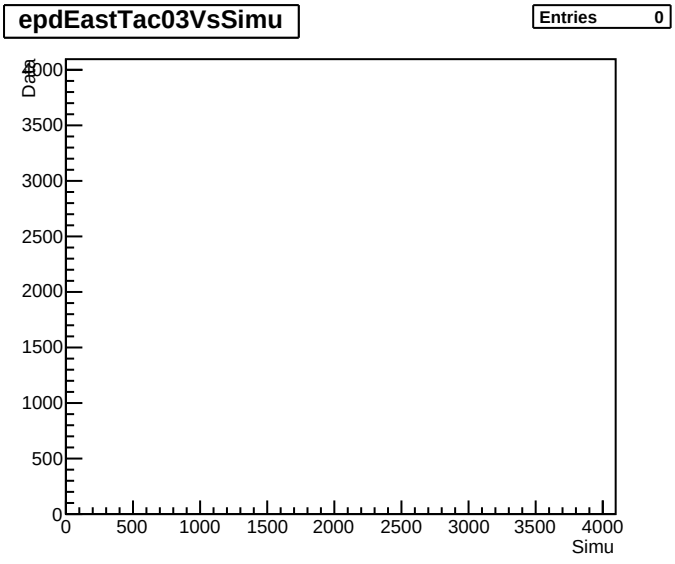
DSM Input Channel


epdEastTac03
Entries 555474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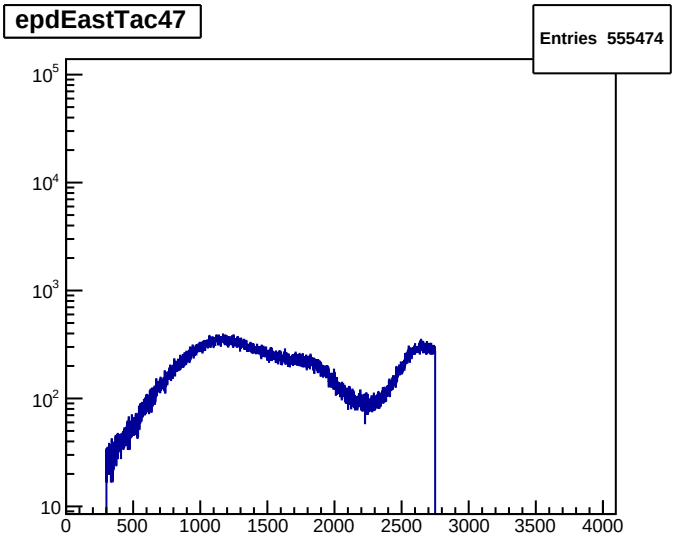
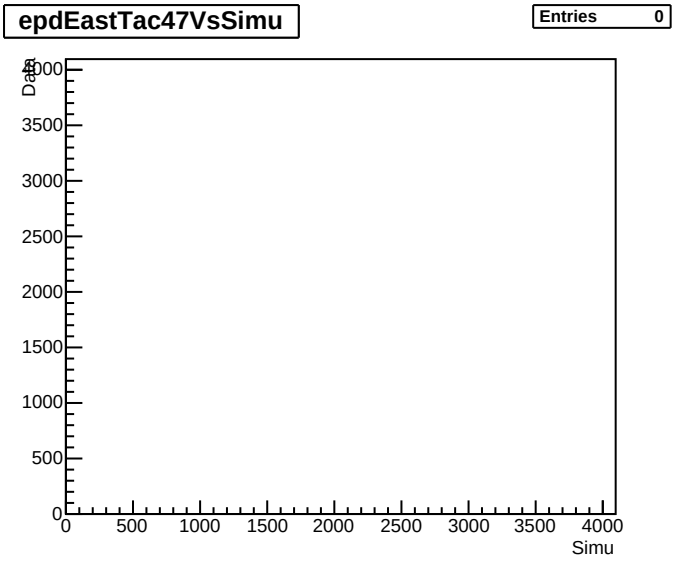
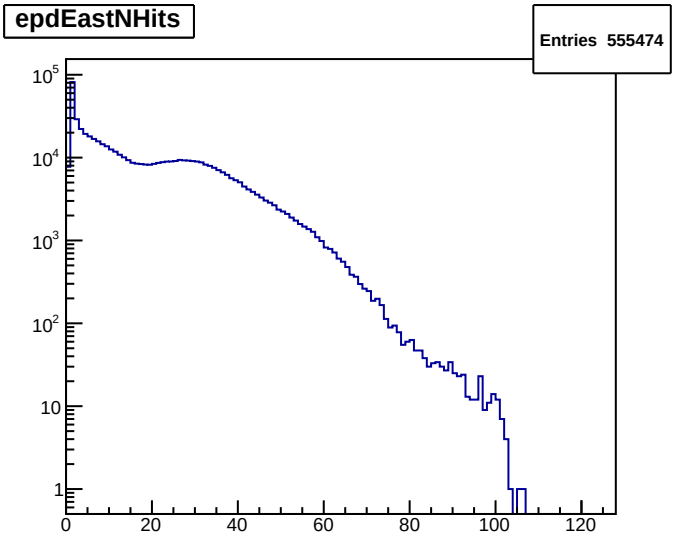
Entries 0
Data
Simu


epdEastTac47
Entries 555474


epdEastTac47VsSimu
Entries 0
Data
Simu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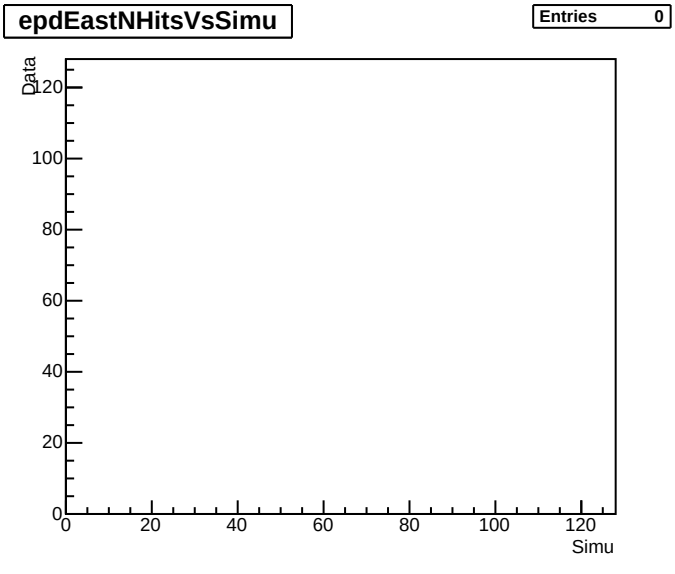
Entries 555474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Data
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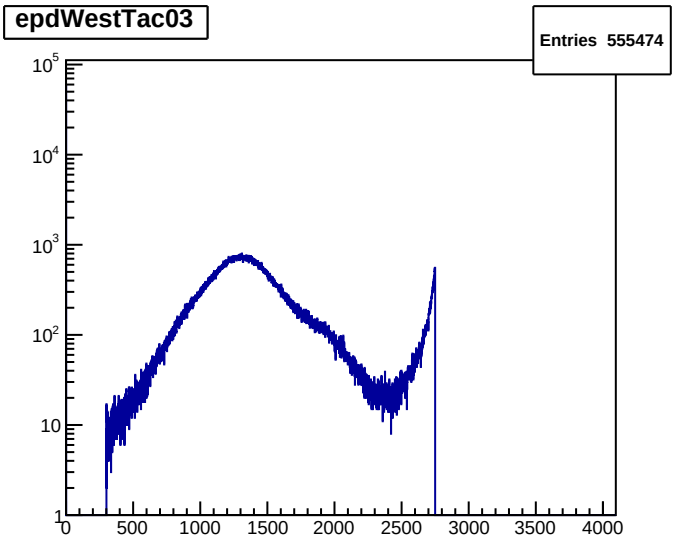
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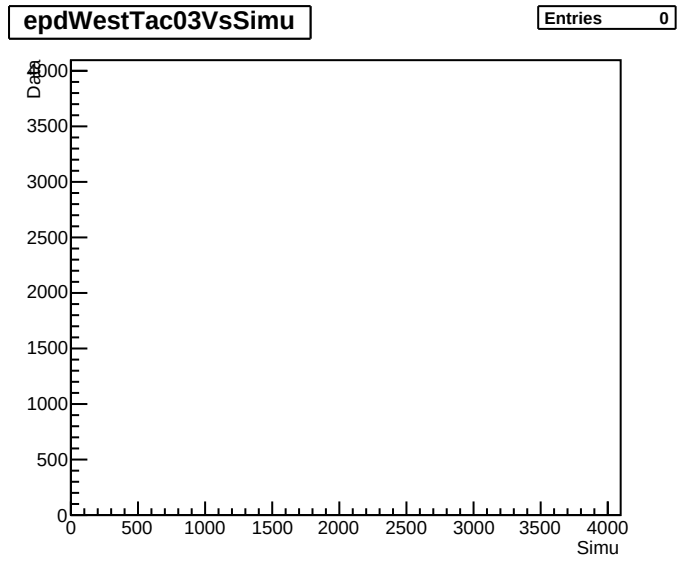
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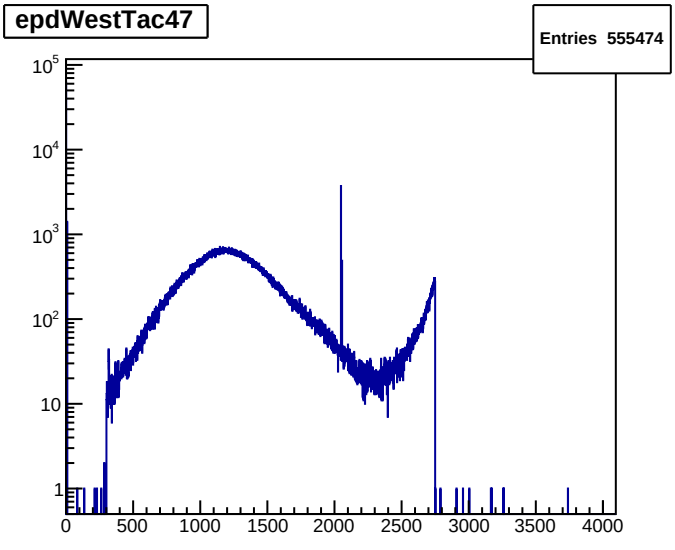
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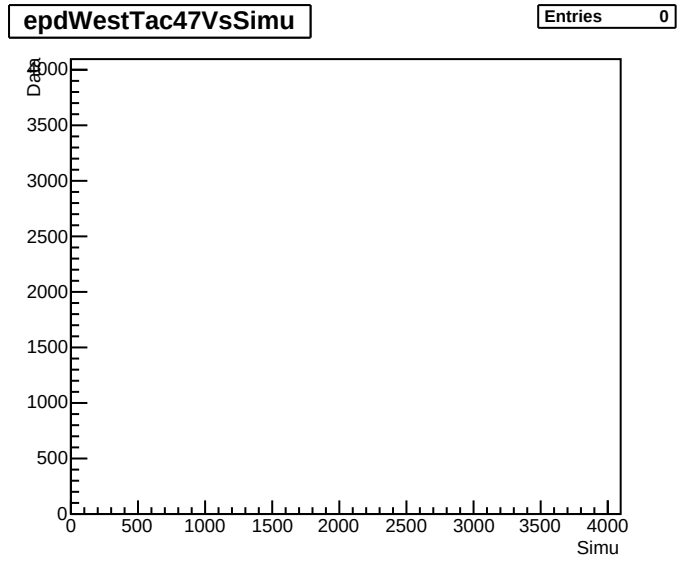
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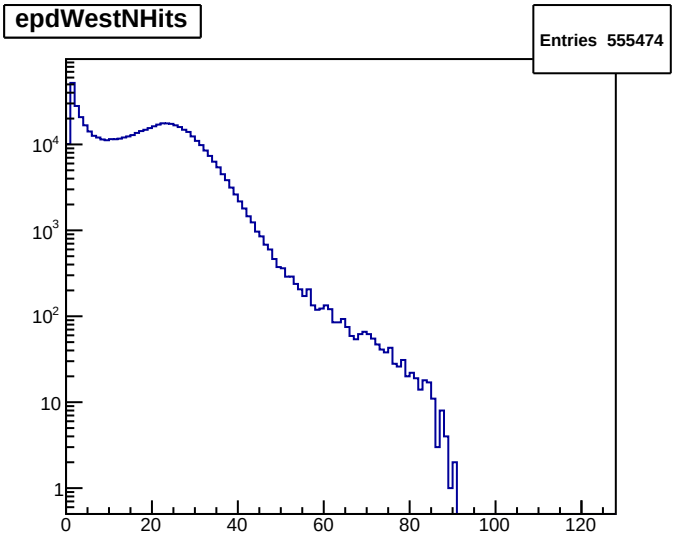
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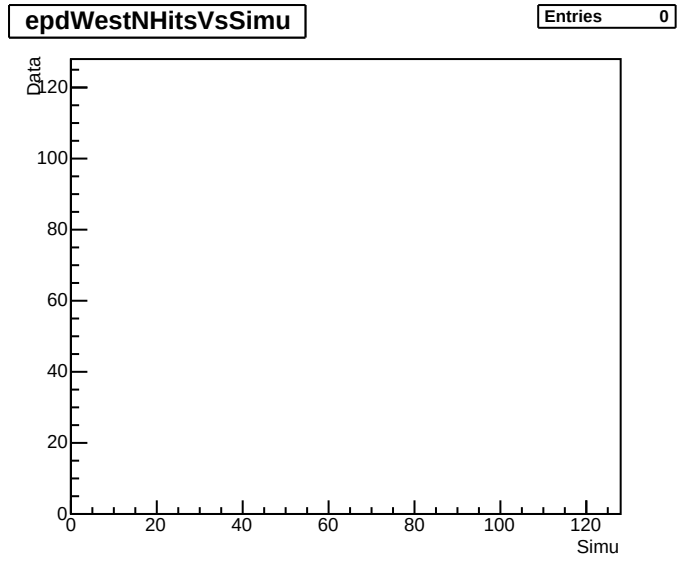
Entries 555474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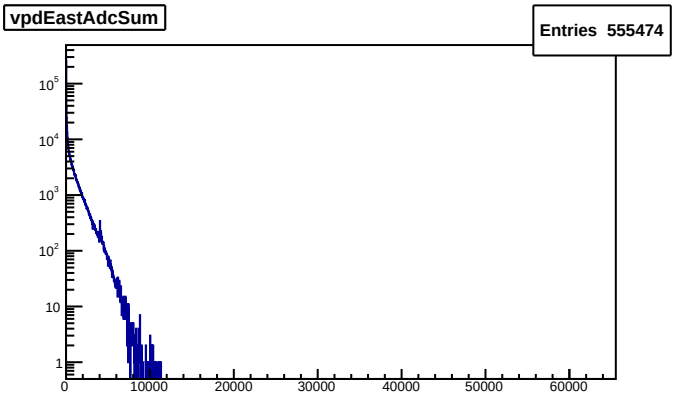
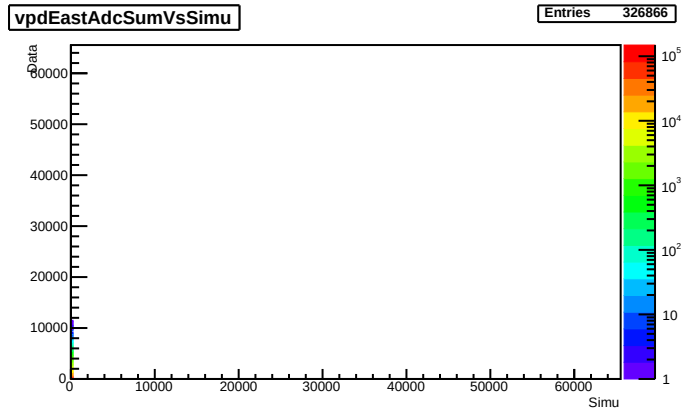
Entries 0
Data
Simu


vpdEastAdcSum
Entries 555474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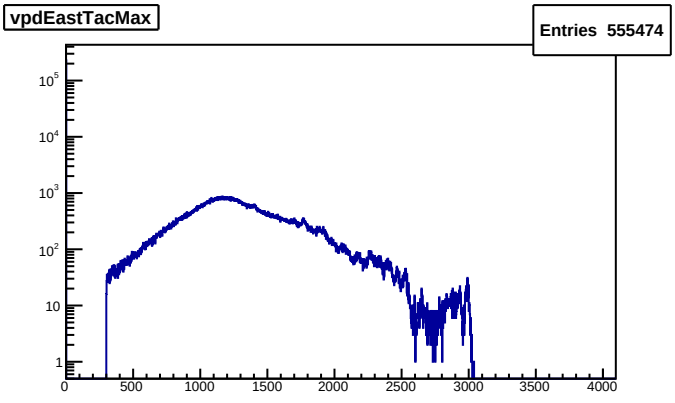
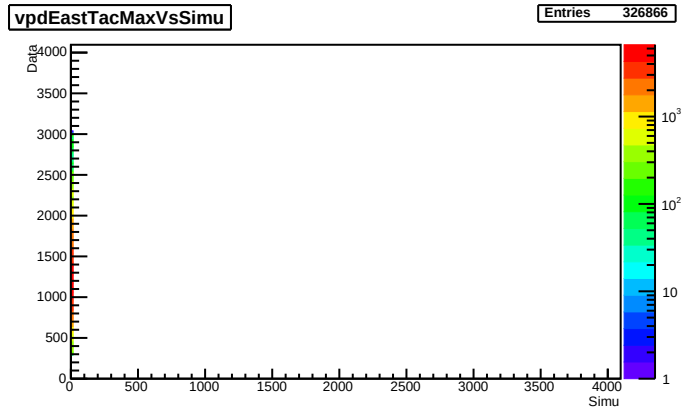
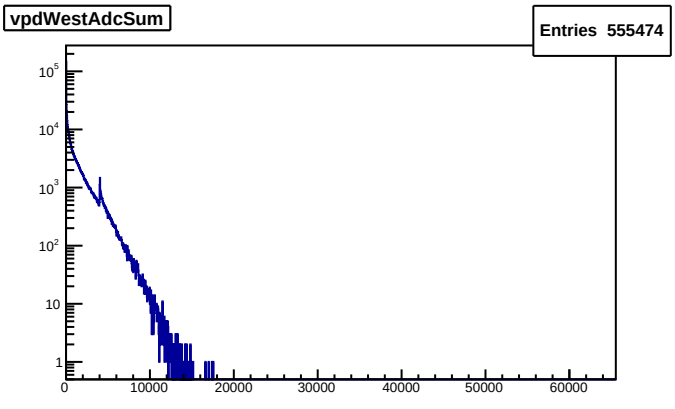
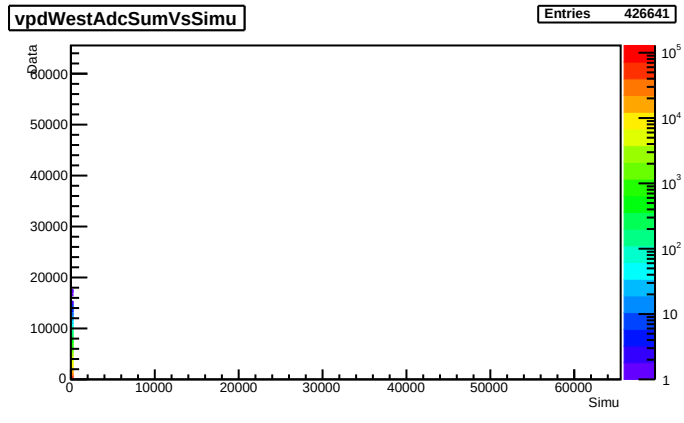
Entries 326866
Data
Simu


vpdEastTacMax
Entries 555474


vpdEastTacMaxVsSimu
Entries 326866
Data
Simu


vpdWestAdcSum
Entries 555474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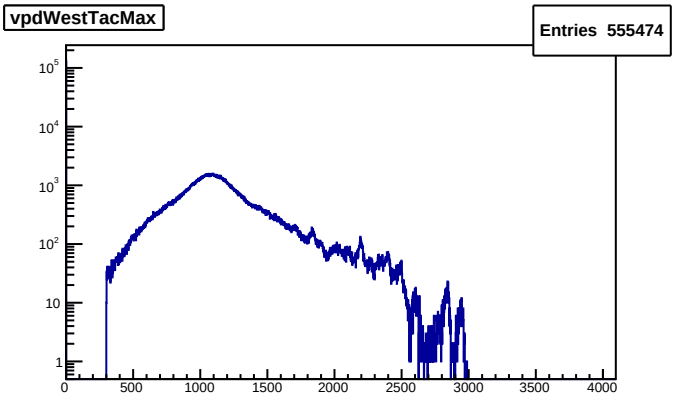
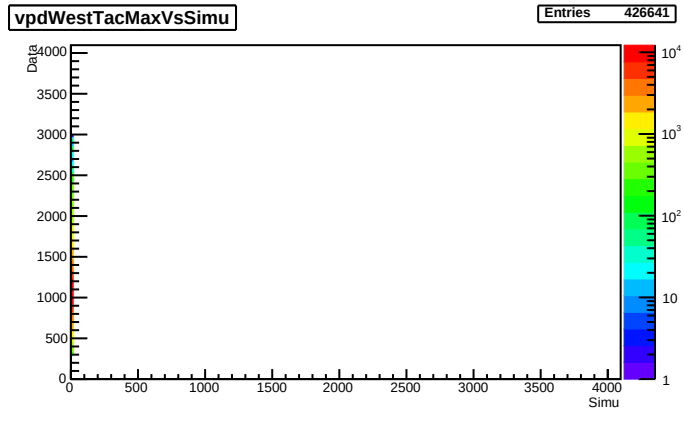
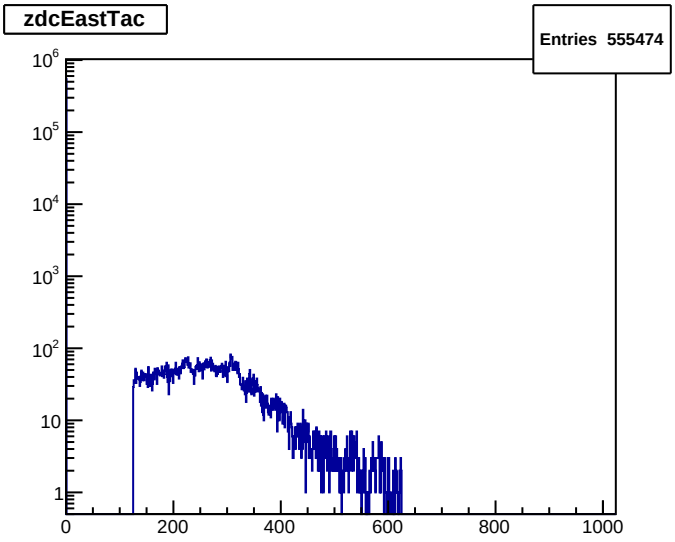
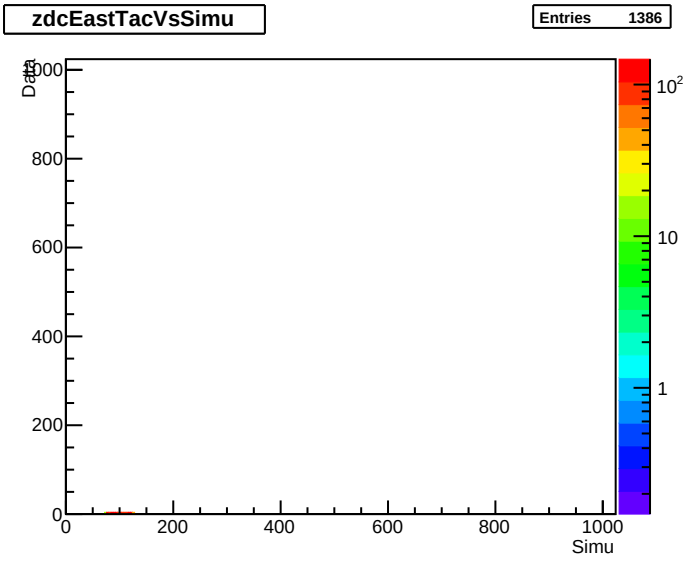
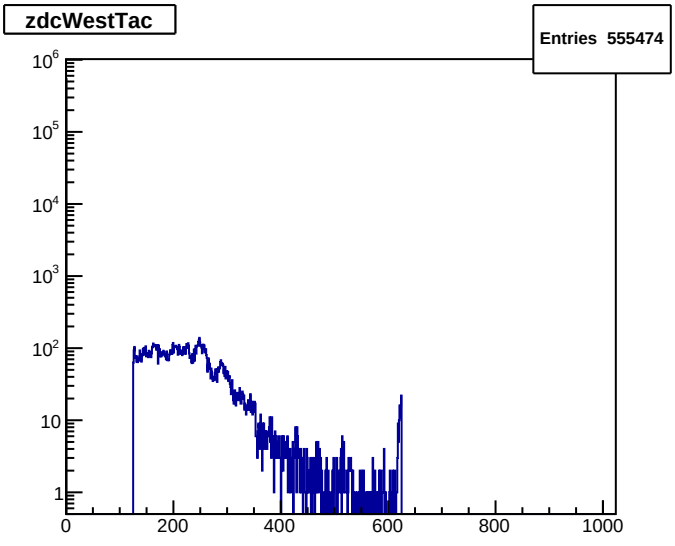
Entries 426641
Data
Simu

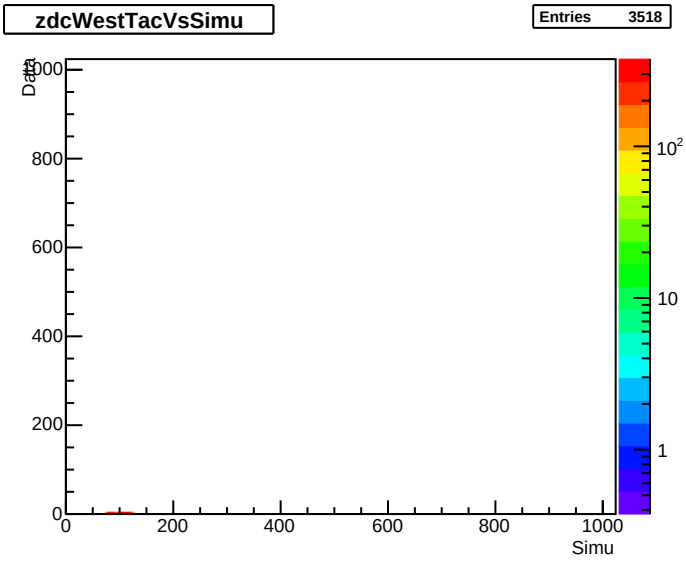

vpdWestTacMax
Entries 555474

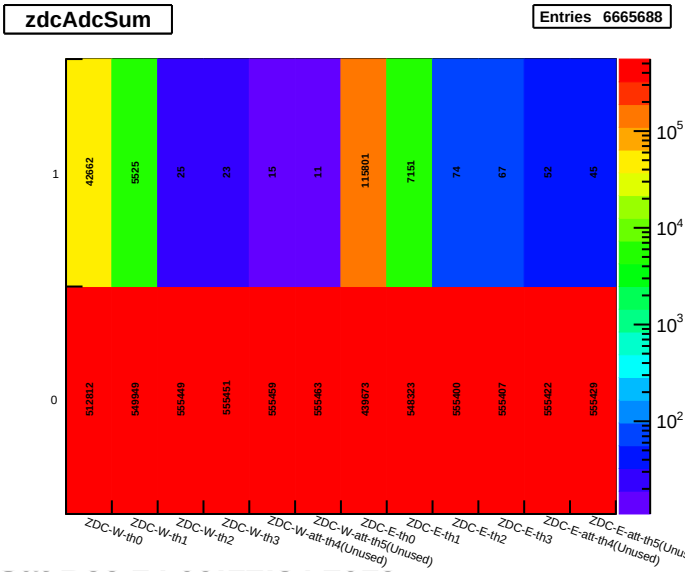

vpdWestTacMaxVsSimu
Entries 426641
Data
Simu


zdcEastTac
Entries 555474


zdcEastTacVsSimu
Entries 1386
Data
Simu


zdcWestTac
Entries 555474


zdcWestTacVsSimu
Entries 3518
Data
Simu


zdcAdcSum
Entries 6665688
42662
5525
25
23
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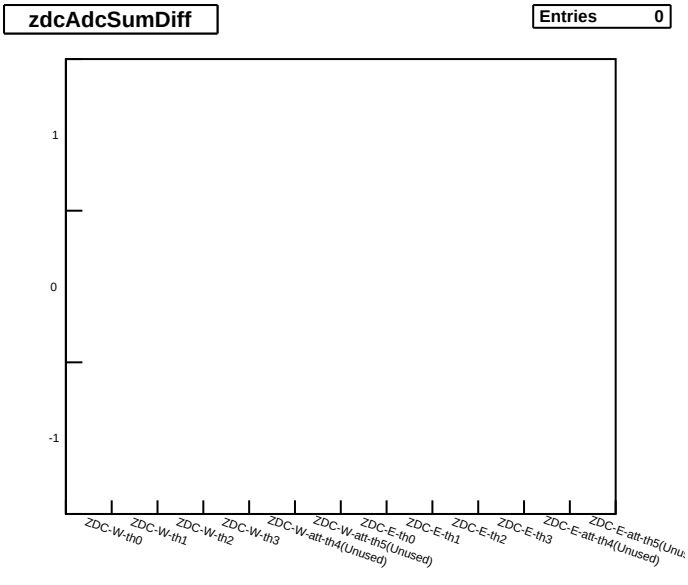
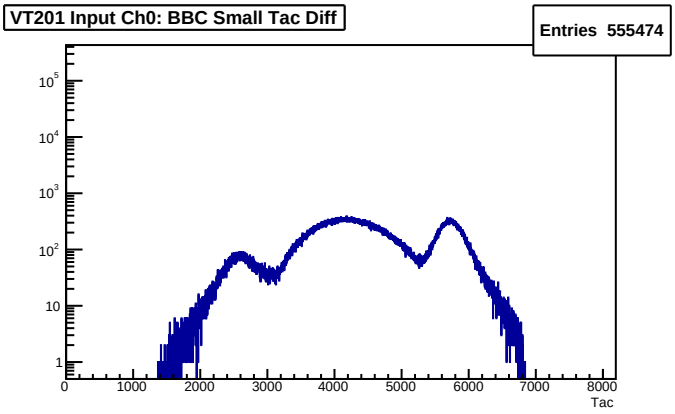
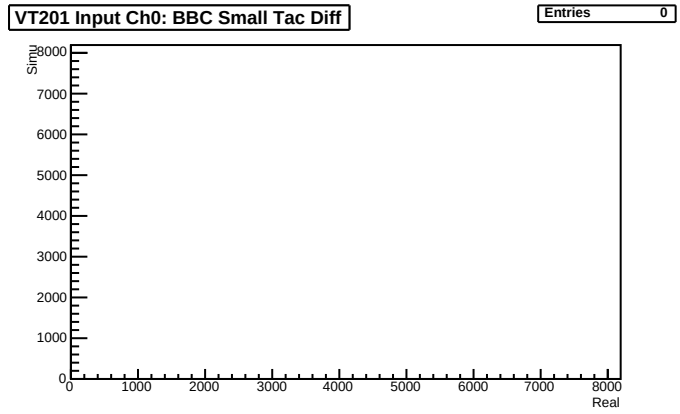
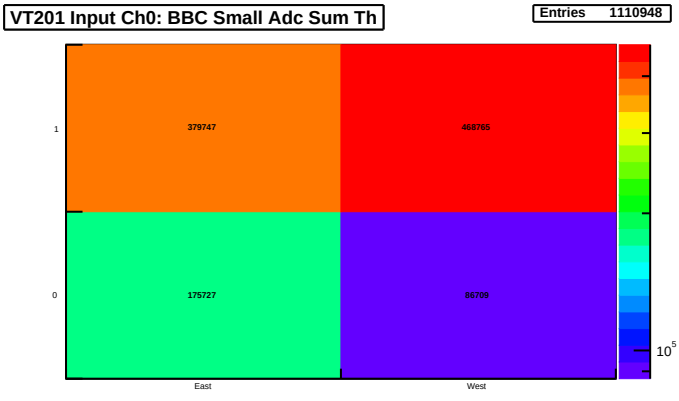
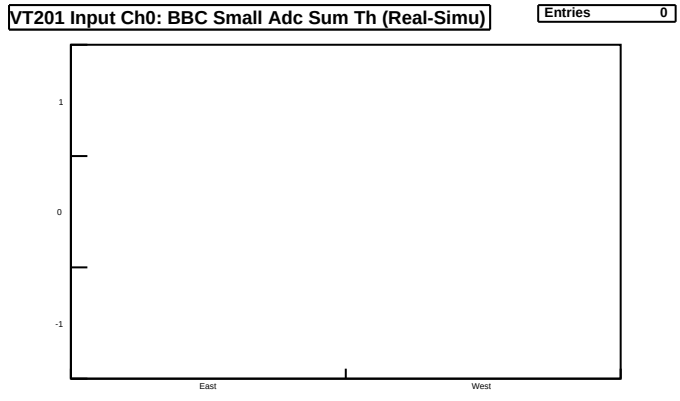
11
115801
7151
74
67
52
45
512812
549949
555449
555451
555459
555463
439673
548323
555400
555407
555422
555429
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

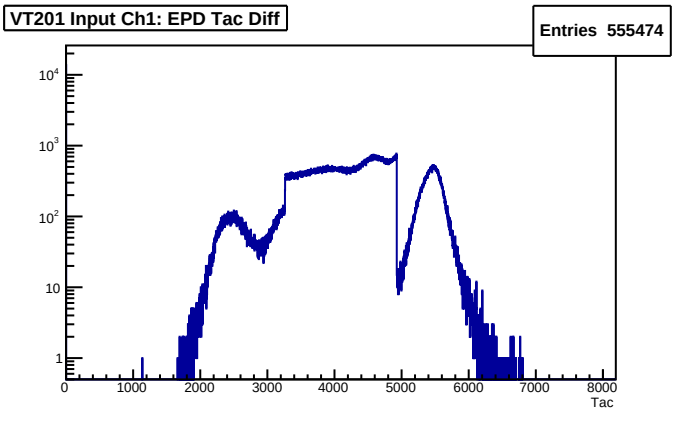

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

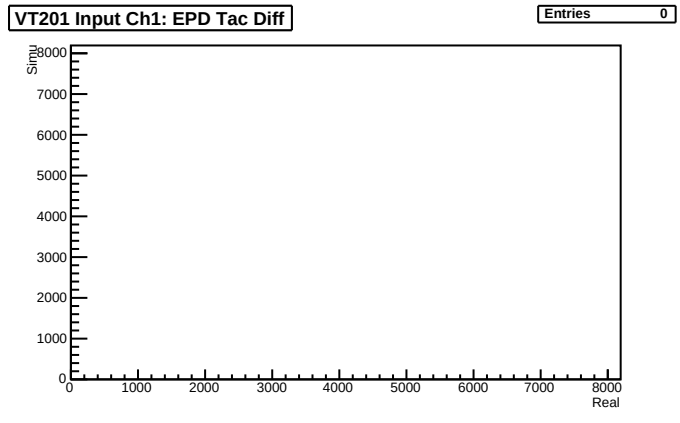

VT201 Input Ch0: BBC Small Tac Diff
Entries 555474
Tac

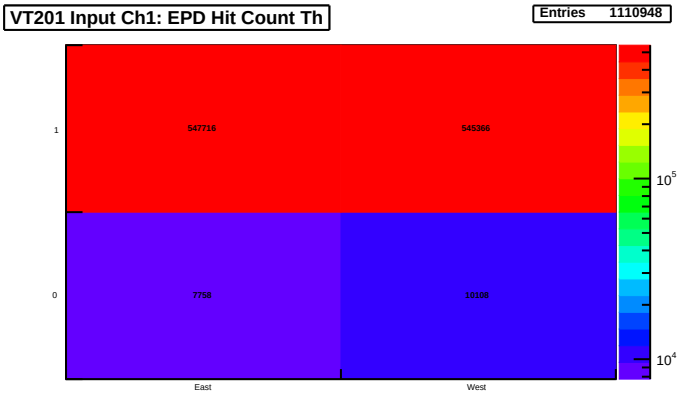

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

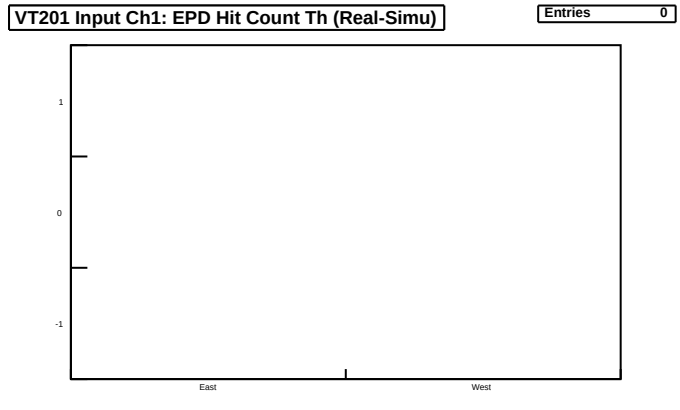

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1110948
379747
468765
175727
86709
East
West

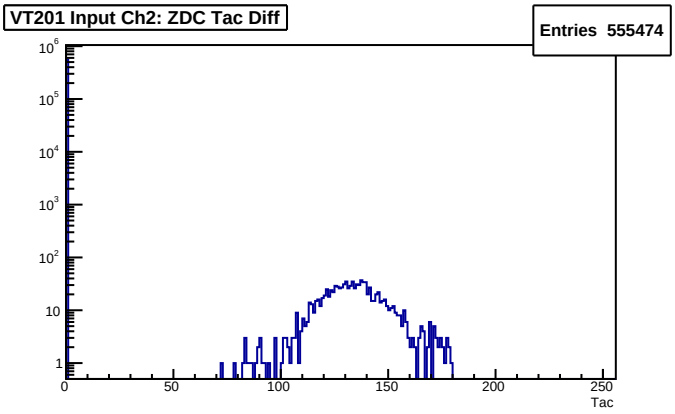

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

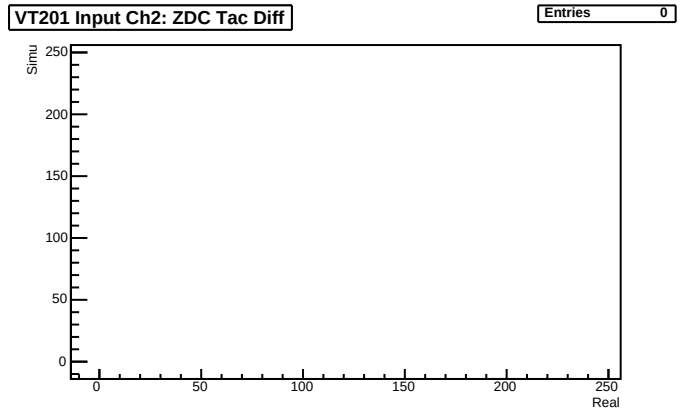

VT201 Input Ch1: EPD Tac Diff
Entries 555474
Tac

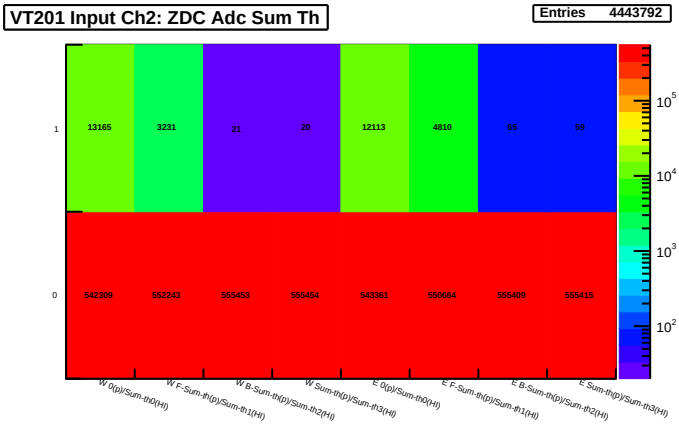

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

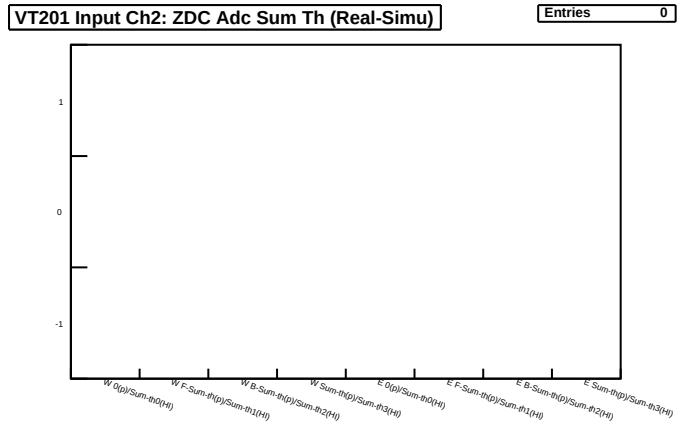

VT201 Input Ch1: EPD Hit Count Th
Entries 1110948
547716
545366
7758
10108
East
West

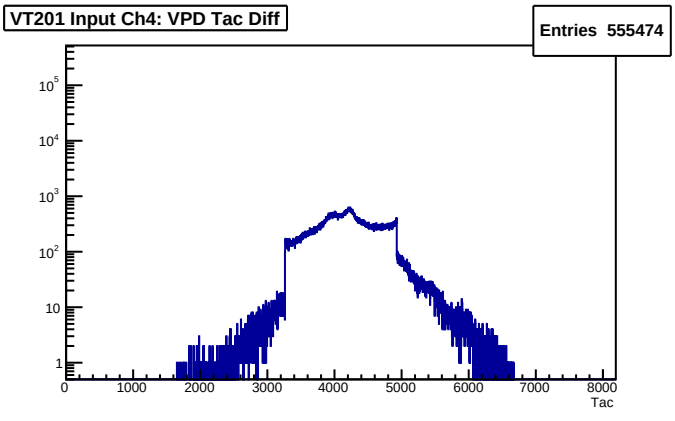

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

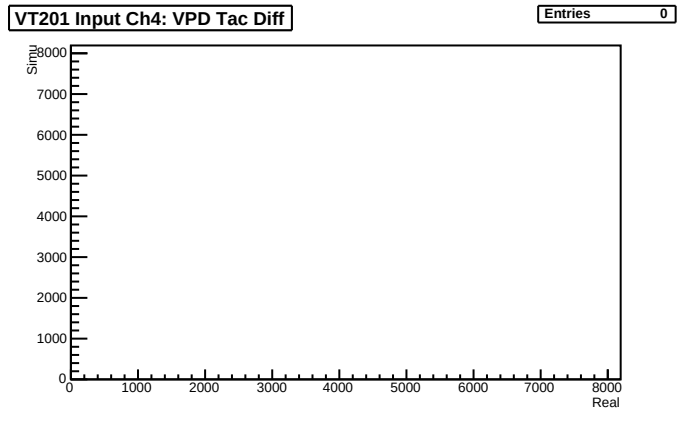

VT201 Input Ch2: ZDC Tac Diff
Entries 555474
Tac

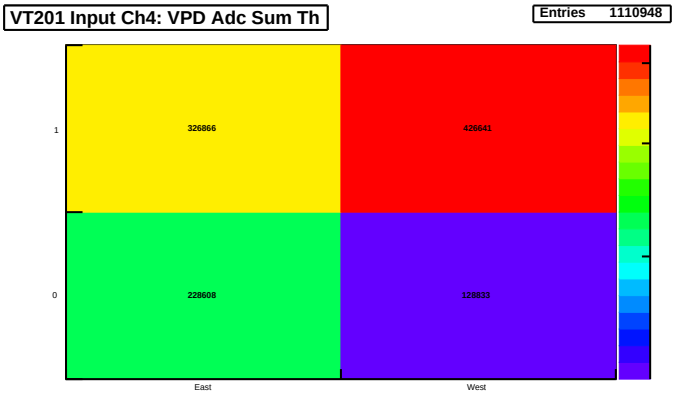

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

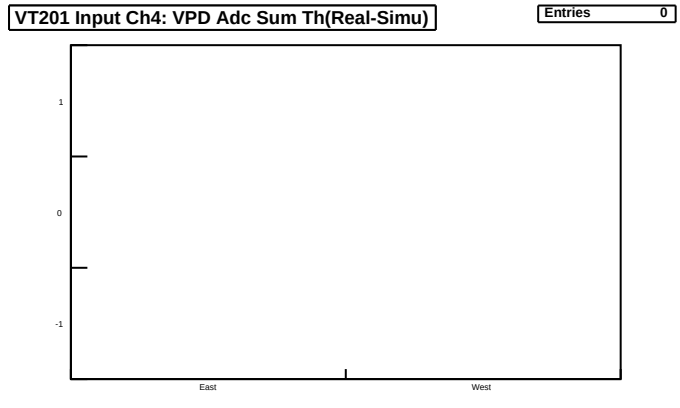

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4443792
13165
3231
21
20
12113
4810
65
59
542309
552243
555453
555454
543361
550664
555409
555415
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

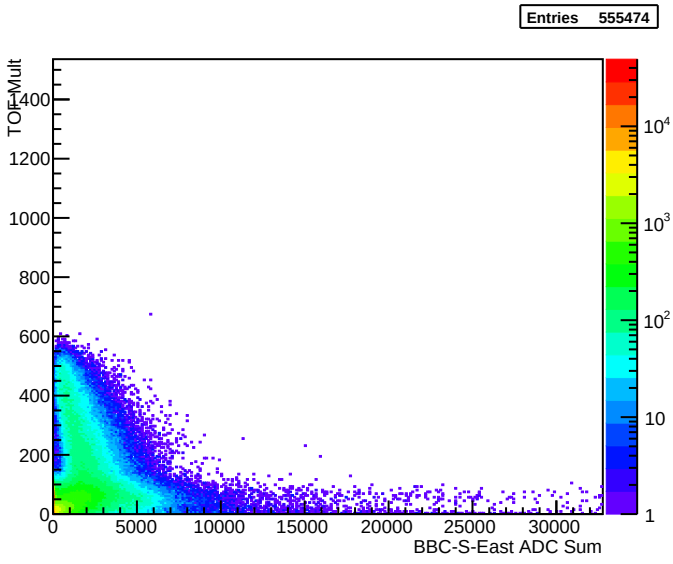

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

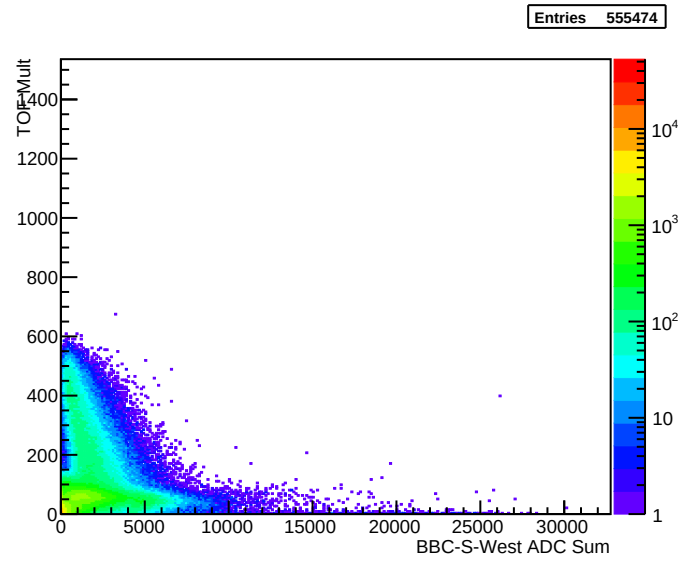

VT201 Input Ch4: VPD Tac Diff
Entries 555474
Tac

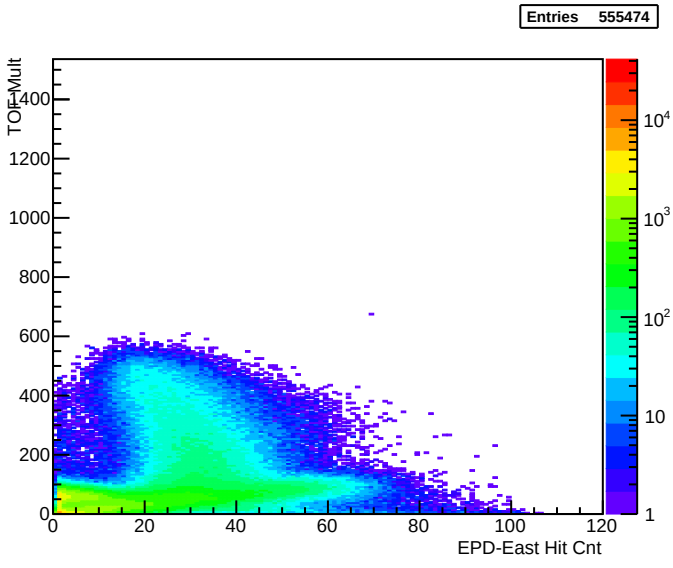

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

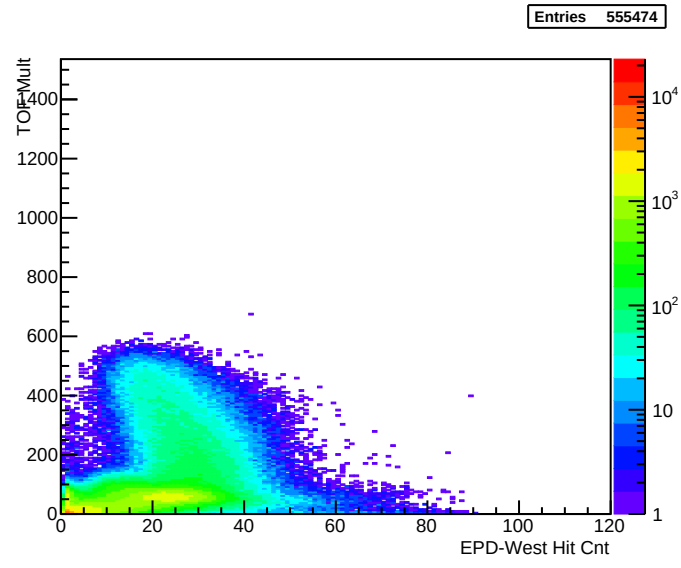

VT201 Input Ch4: VPD Adc Sum Th
Entries 1110948
326866
426641
228608
128833
East
West

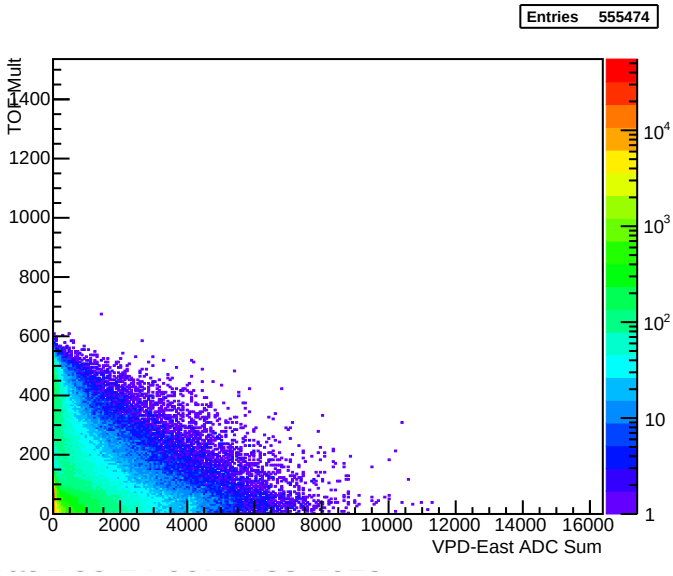

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

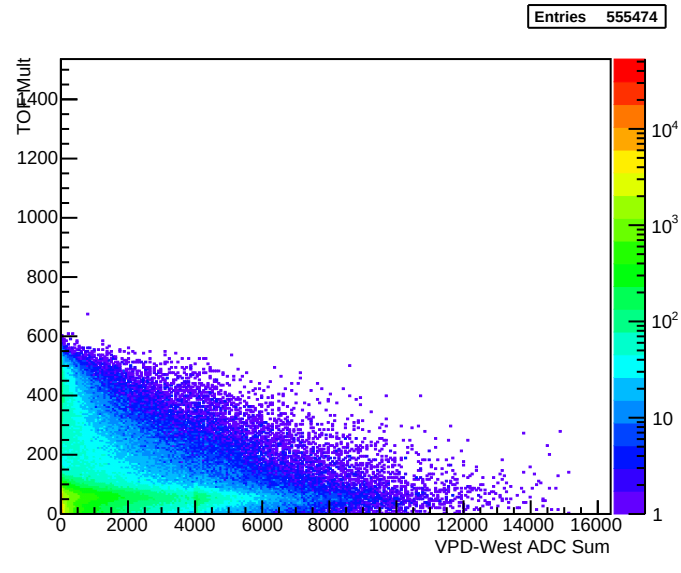

Entries 555474
TOF-Mult
BBC-S-East ADC Sum

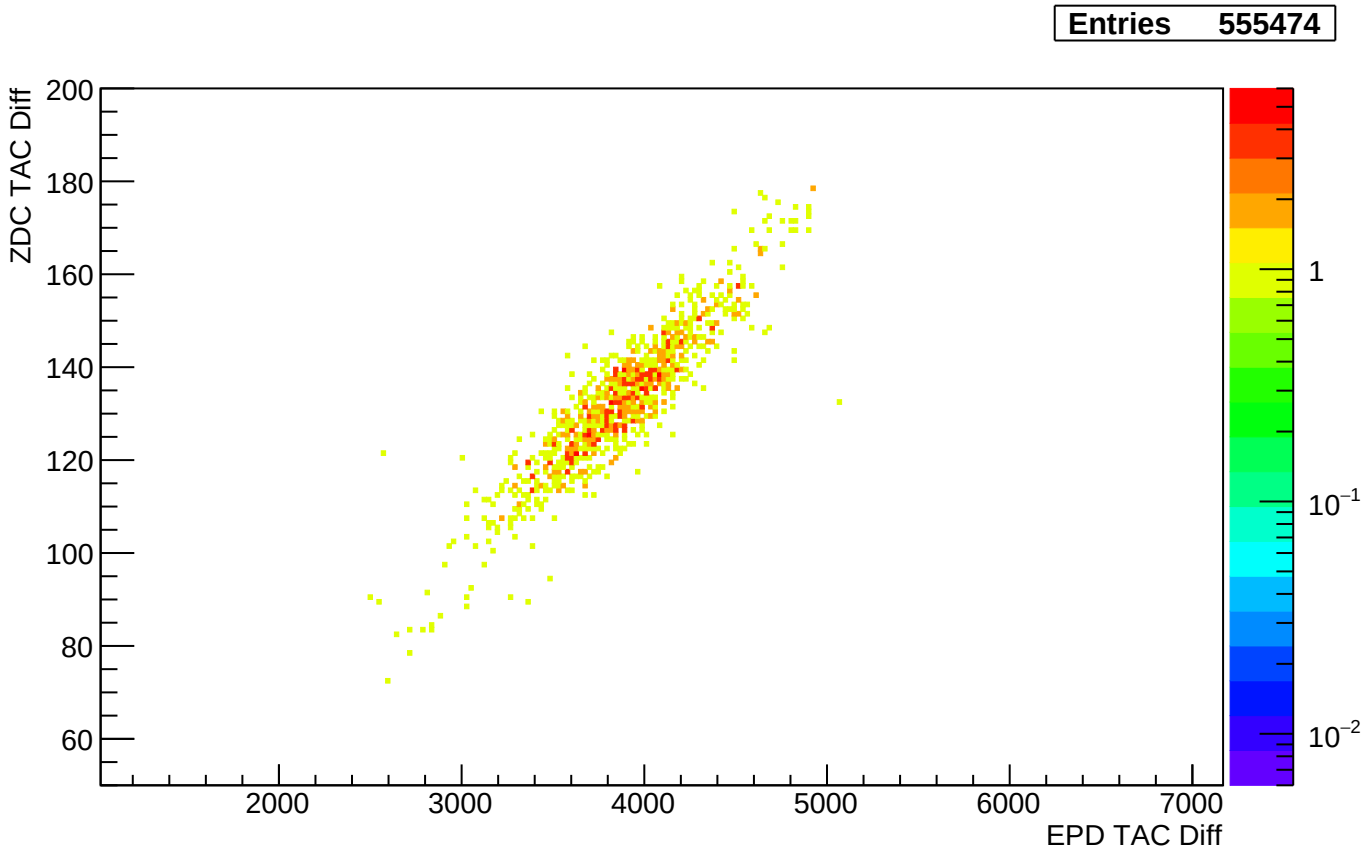

Entries 555474
TOF-Mult
BBC-S-West ADC Sum

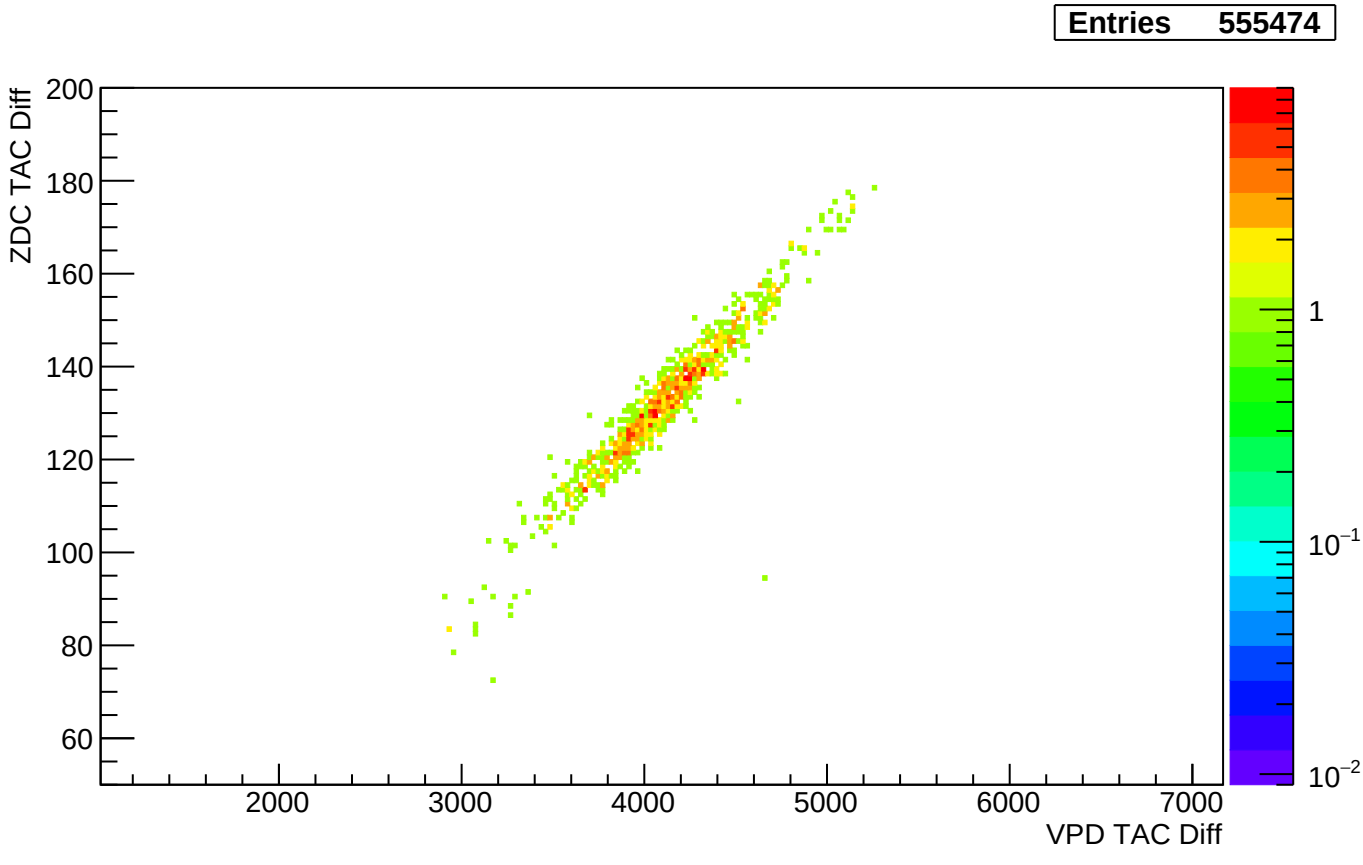

Entries 555474
TOF-Mult
EPD-East Hit Cnt

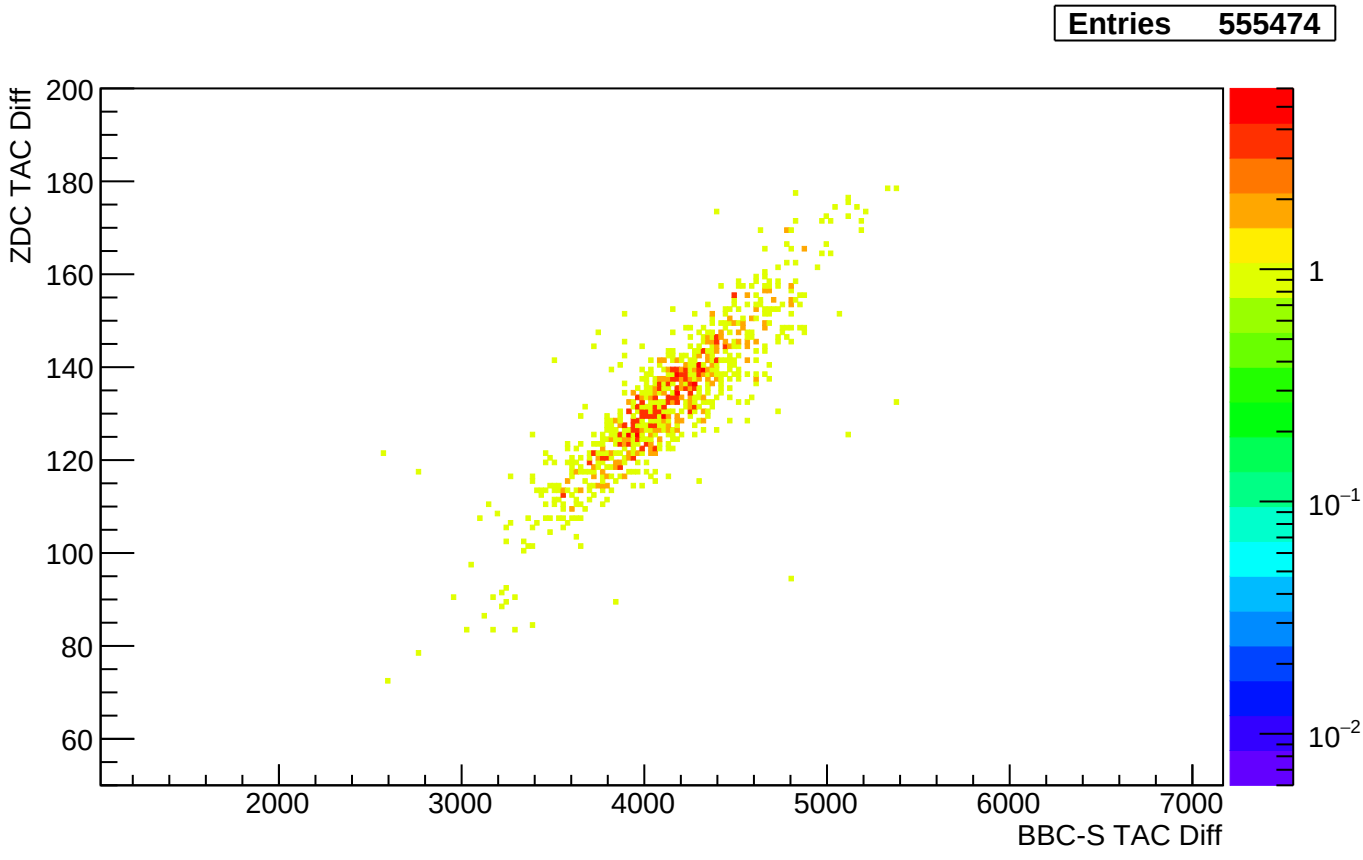

Entries 555474
TOF-Mult
EPD-West Hit Cnt

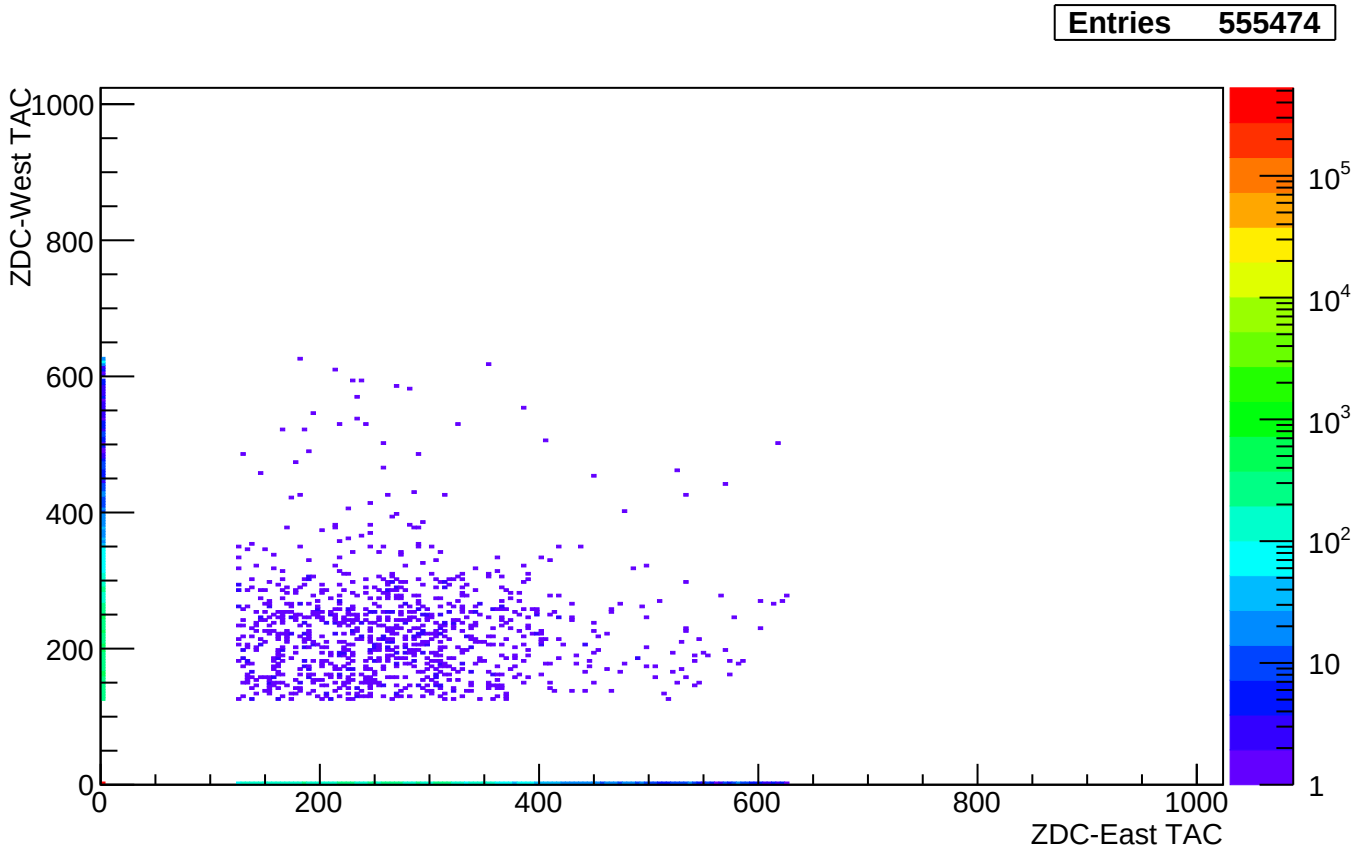

Entries 555474
TOF-Mult
VPD-East ADC Sum

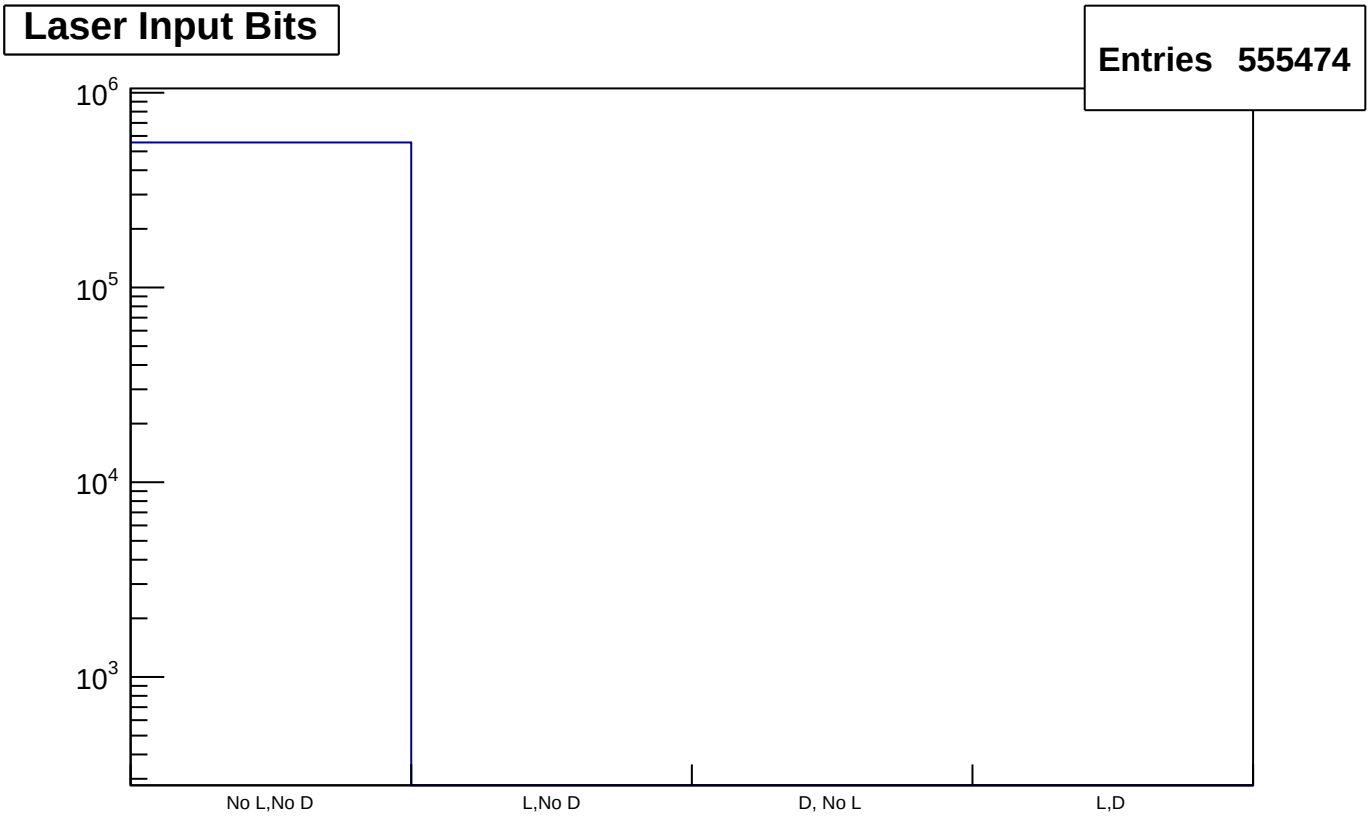

Entries 555474
TOF-Mult
VPD-West ADC Sum

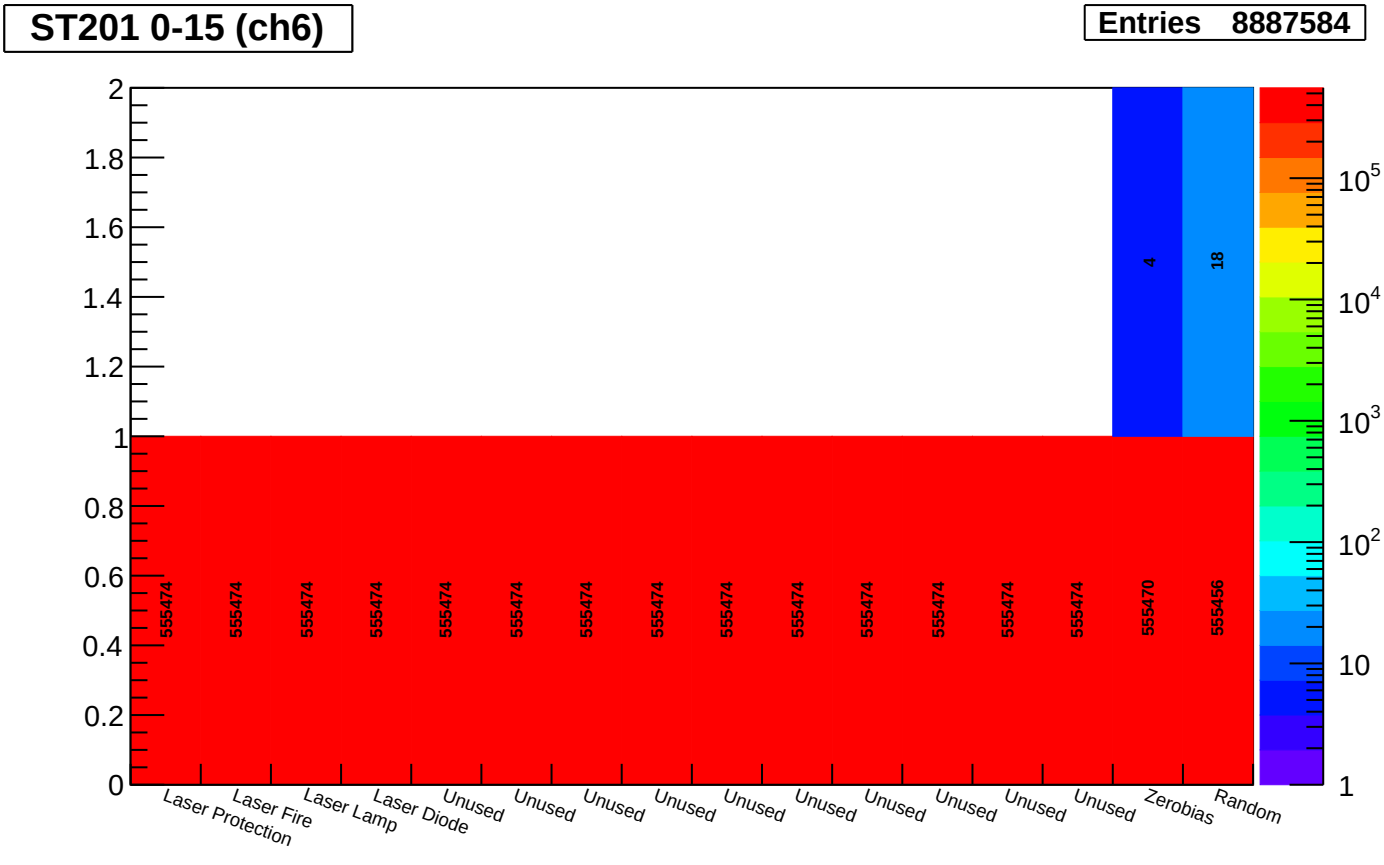

Entries 555474
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

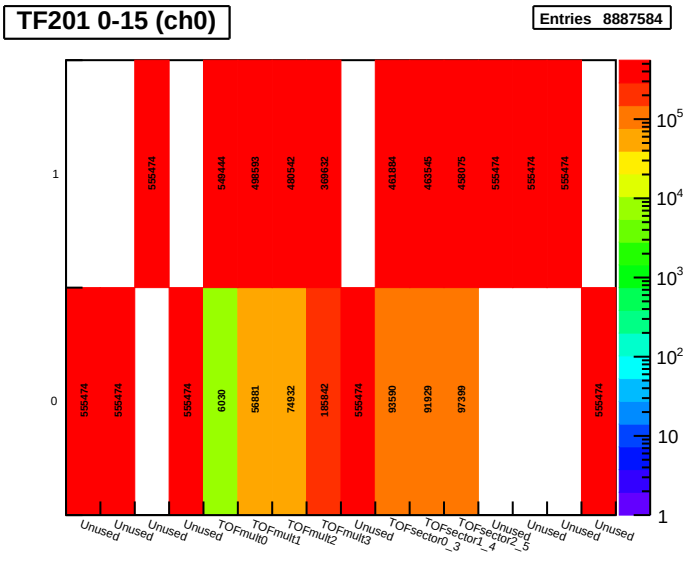

Entries 555474
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

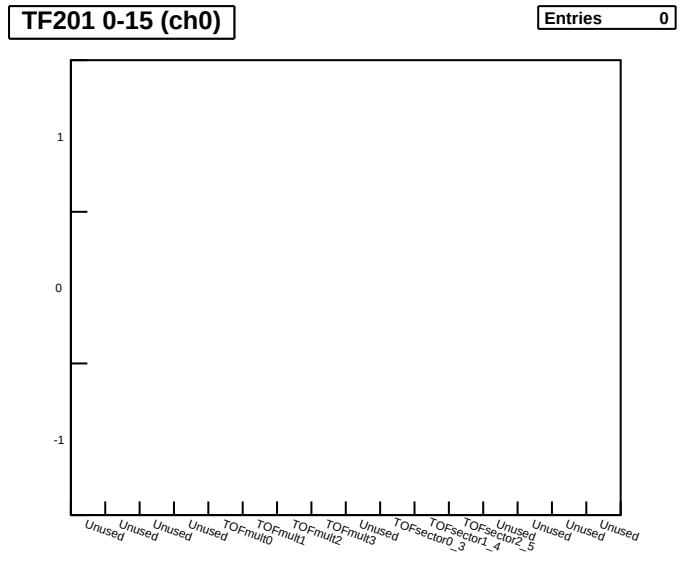

Entries 555474
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

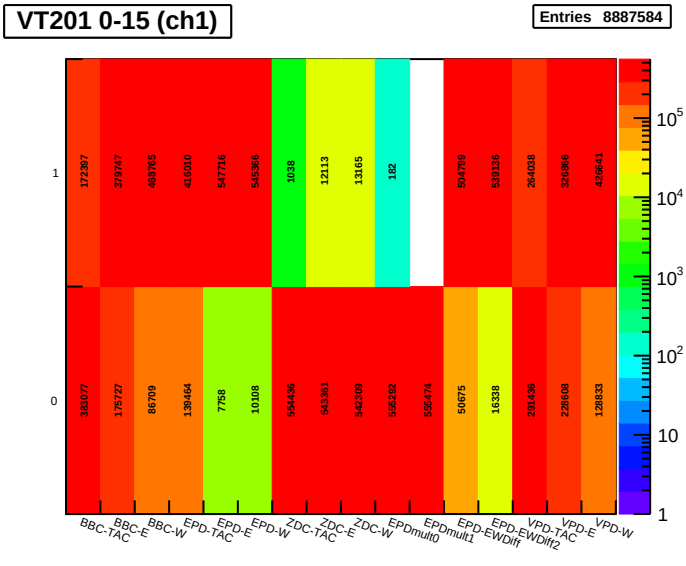

Entries 555474
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

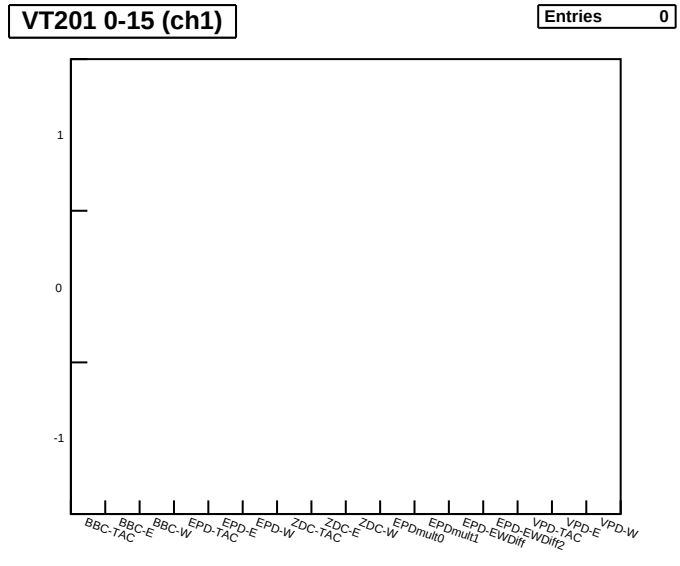

Laser Input Bits
Entries 555474
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

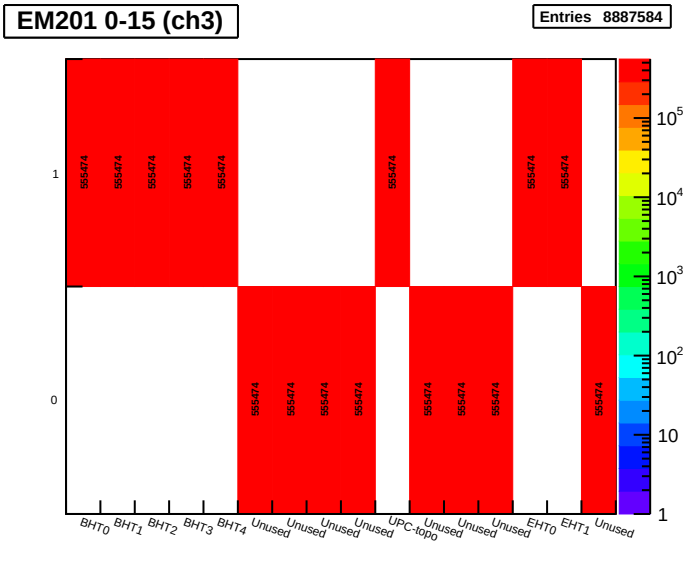

ST201 0-15 (ch6)
Entries 8887584
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
555474
555474
555474
555474
555474
555474
555474
555474
555474
555474
555474
555474
555474
555474
555470
555456
4
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

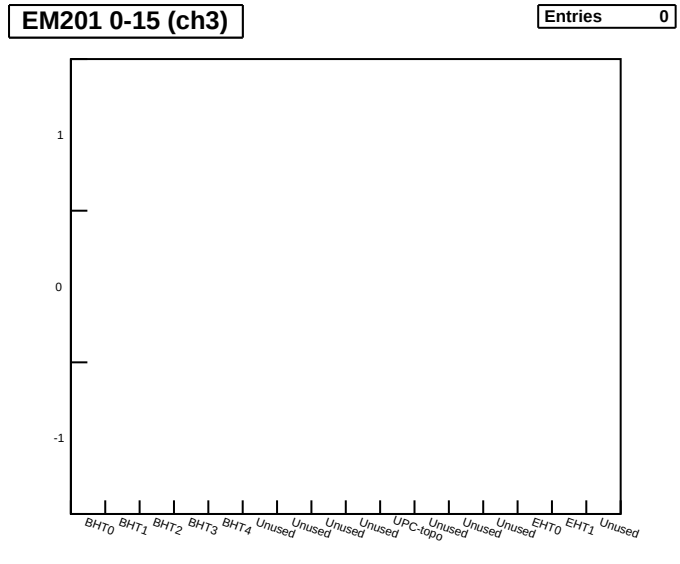

TF201 0-15 (ch0)
Entries 8887584
1
0
555474
549444
498593
480542
369632
461884
463545
438075
555474
555474
555474
555474
555474
555474
6030
56881
74932
185842
93590
91929
97399
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 8887584
1
0
172387
379747
468765
416010
547716
545386
1038
12113
13165
182
504799
539136
264038
326886
426641
383077
175727
86709
139464
7758
10108
554436
543381
542309
555292
555474
50675
16338
291436
228608
128833
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 8887584
1
0
555474
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1