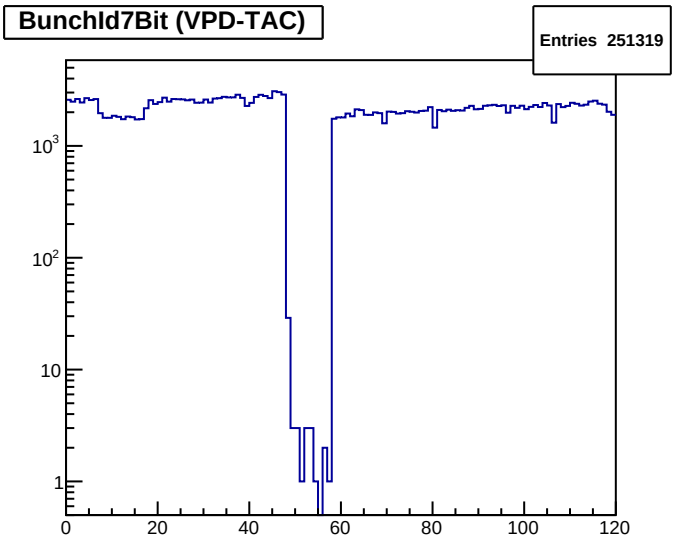
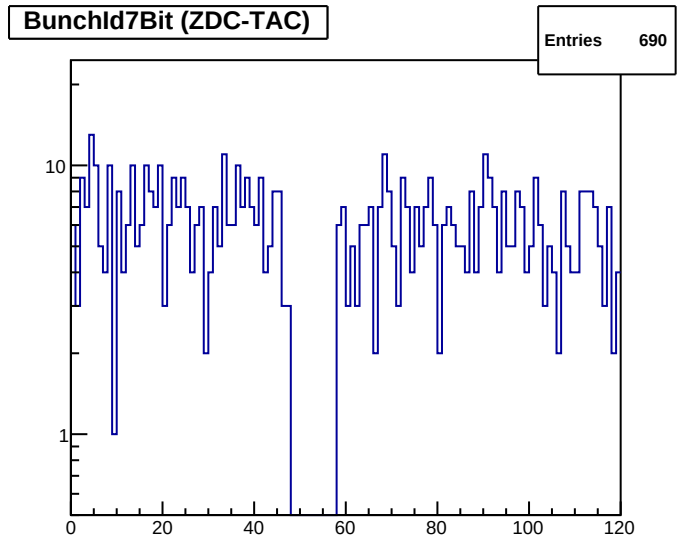
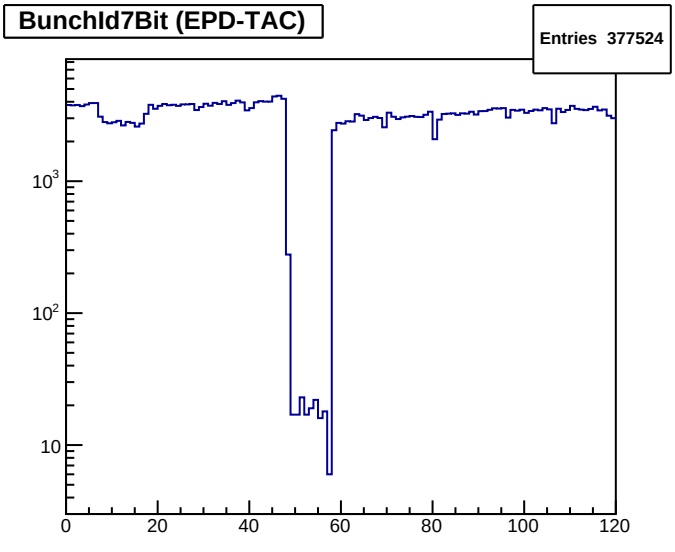
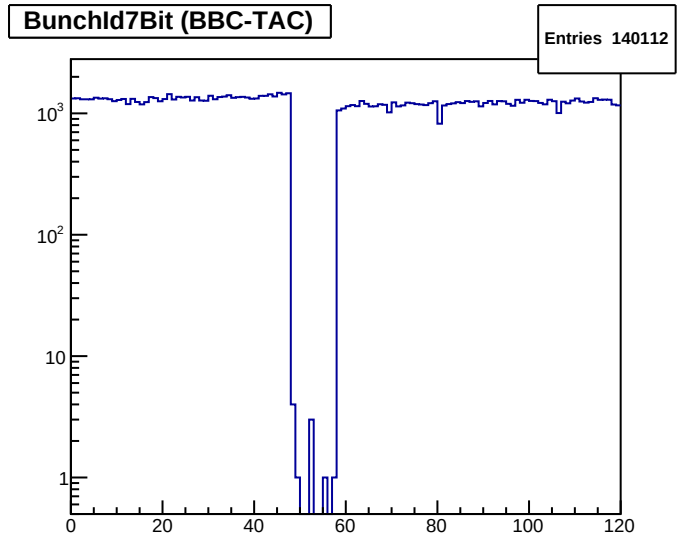
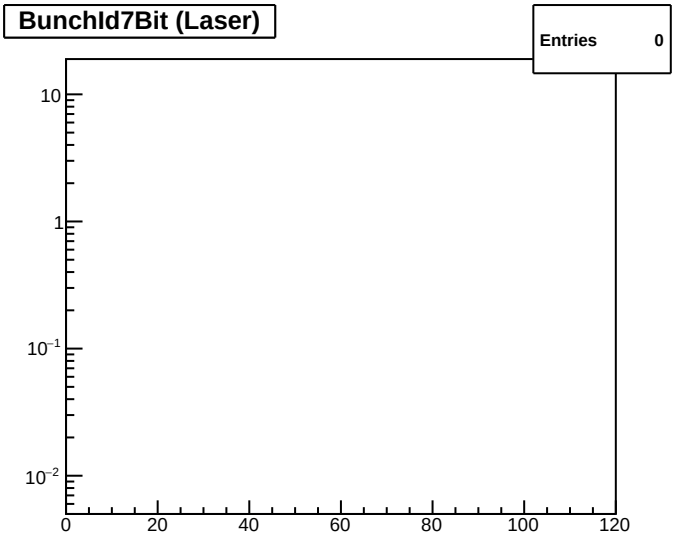
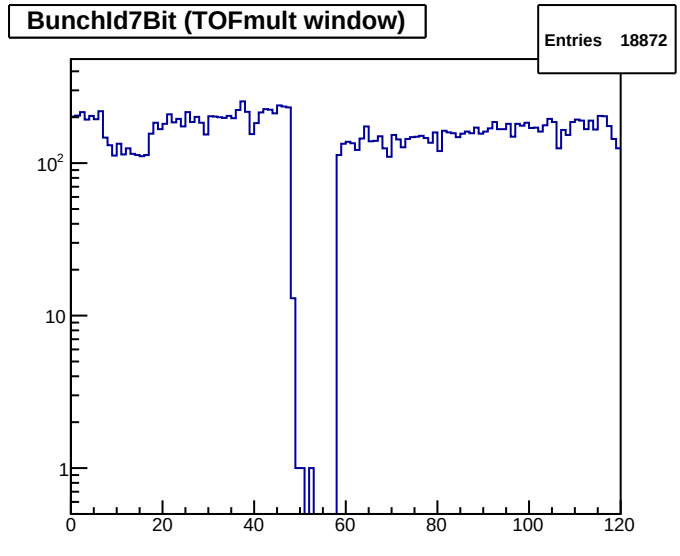

BunchId7Bit (VPD-TAC)
Entries 251319

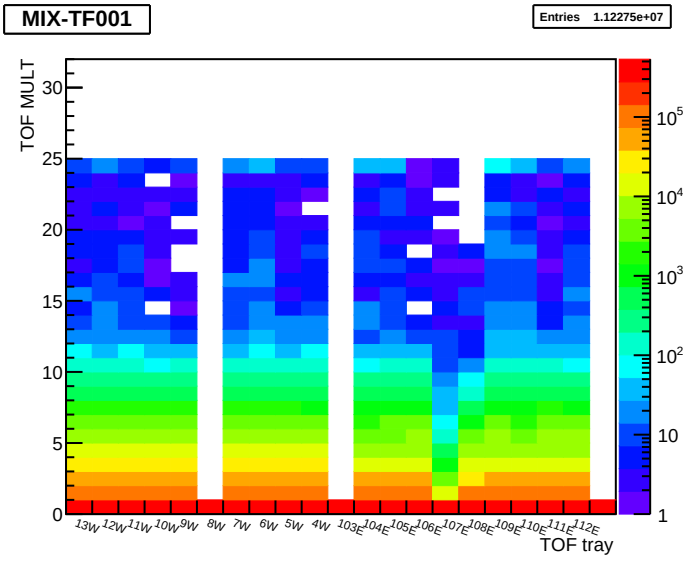

BunchId7Bit (ZDC-TAC)
Entries 690

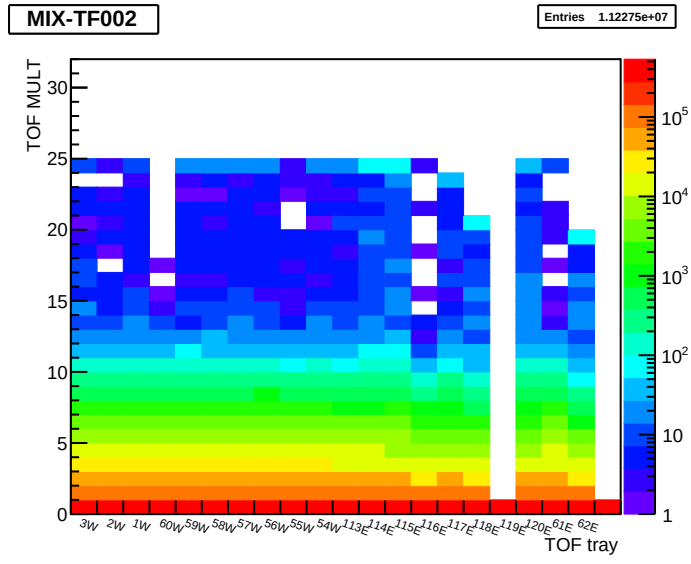

BunchId7Bit (EPD-TAC)
Entries 377524

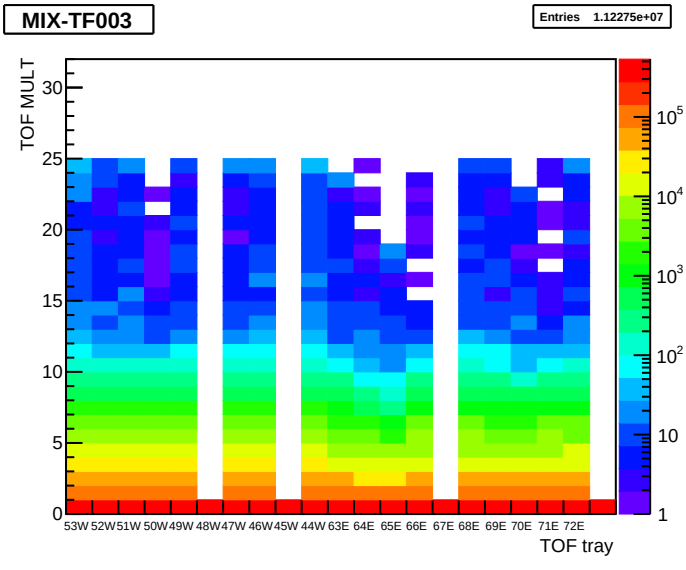

BunchId7Bit (BBC-TAC)
Entries 140112

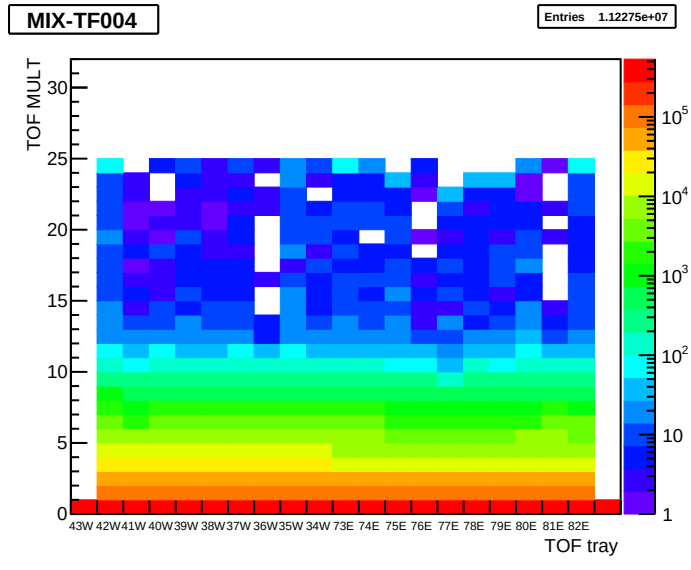

BunchId7Bit (Laser)
Entries 0

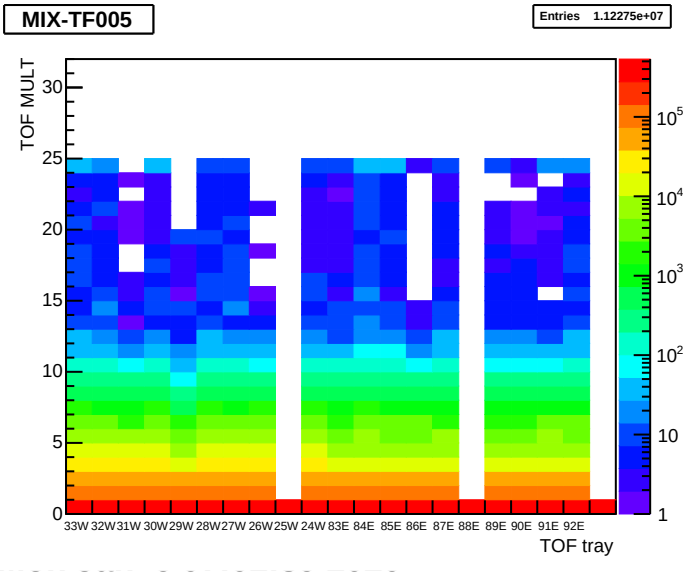

BunchId7Bit (TOFmult window)
Entries 18872

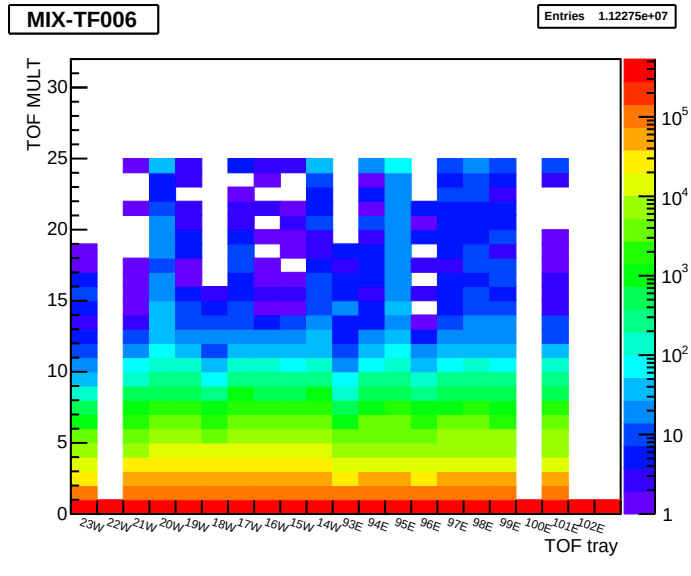

MIX-TF001
Entries 1.12275e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

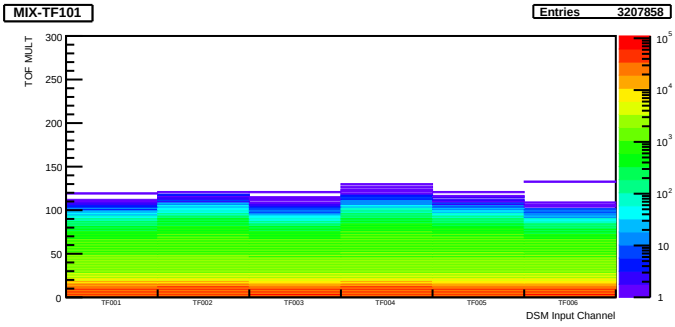

MIX-TF002
Entries 1.12275e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

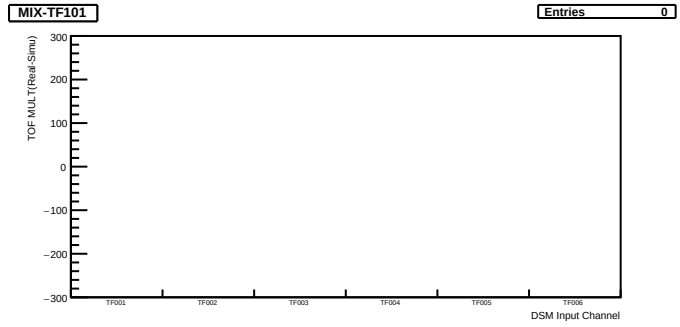

MIX-TF003
Entries 1.12275e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

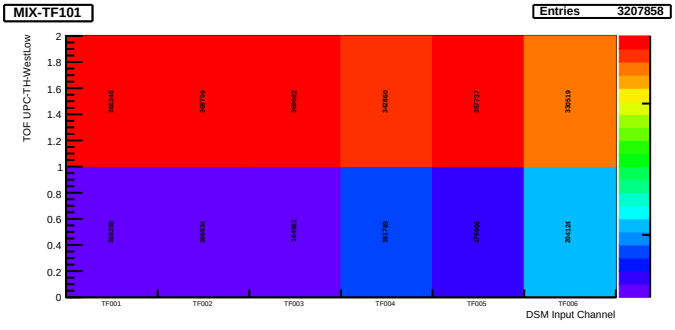

MIX-TF004
Entries 1.12275e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

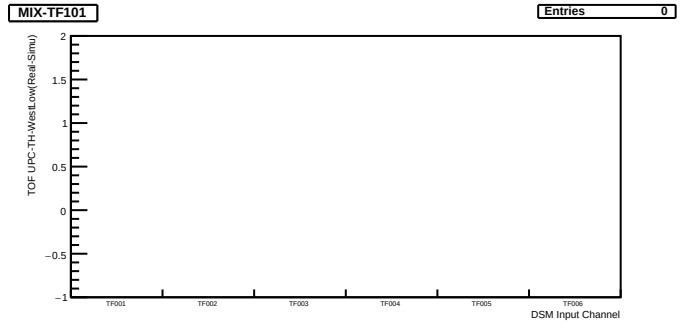

MIX-TF005
Entries 1.12275e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

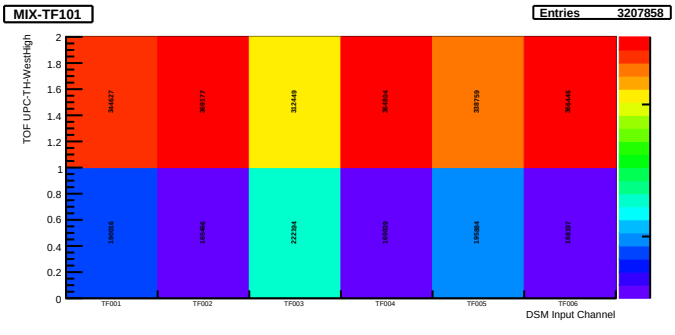

MIX-TF006
Entries 1.12275e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

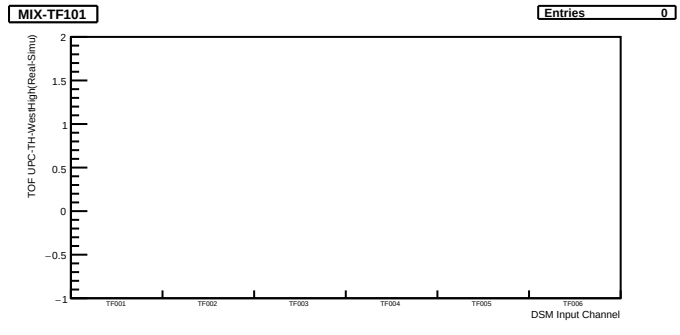

MIX-TF101
Entries 3207858
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

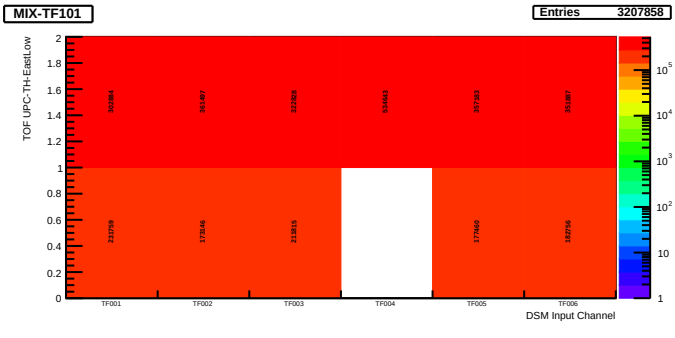

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

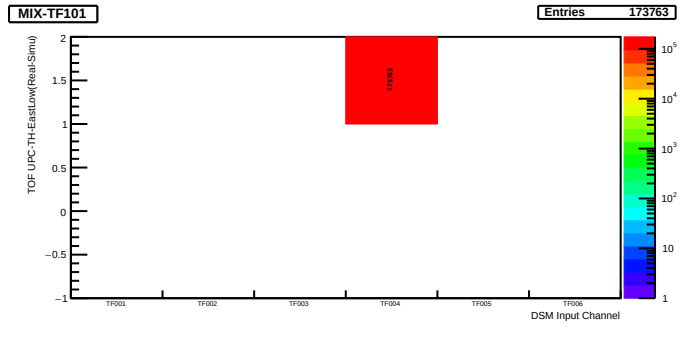

MIX-TF101
Entries 3207858
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

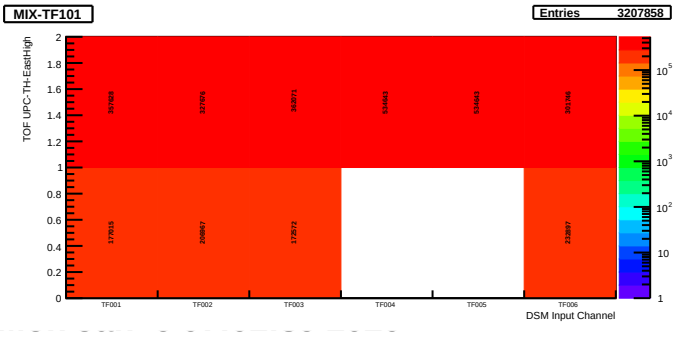

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

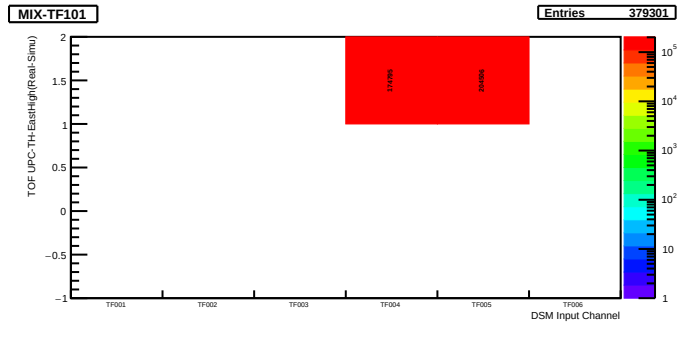

MIX-TF101
Entries 3207858
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

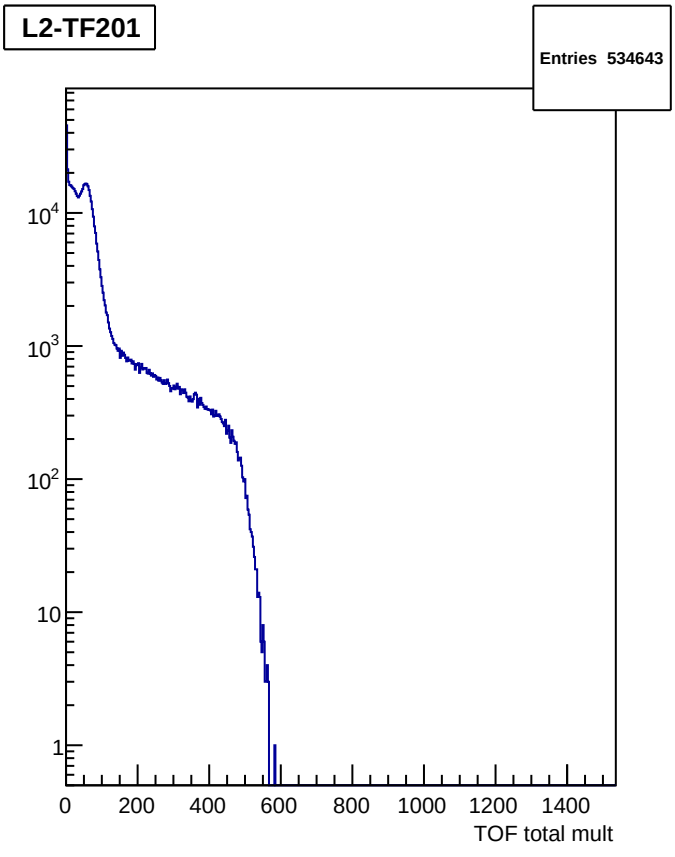

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

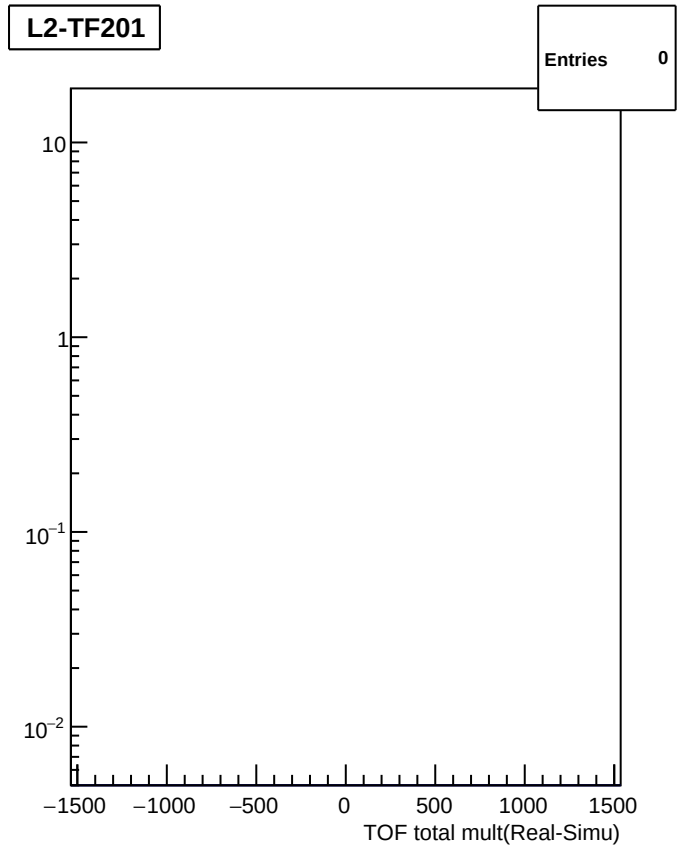

MIX-TF101
Entries 3207858
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

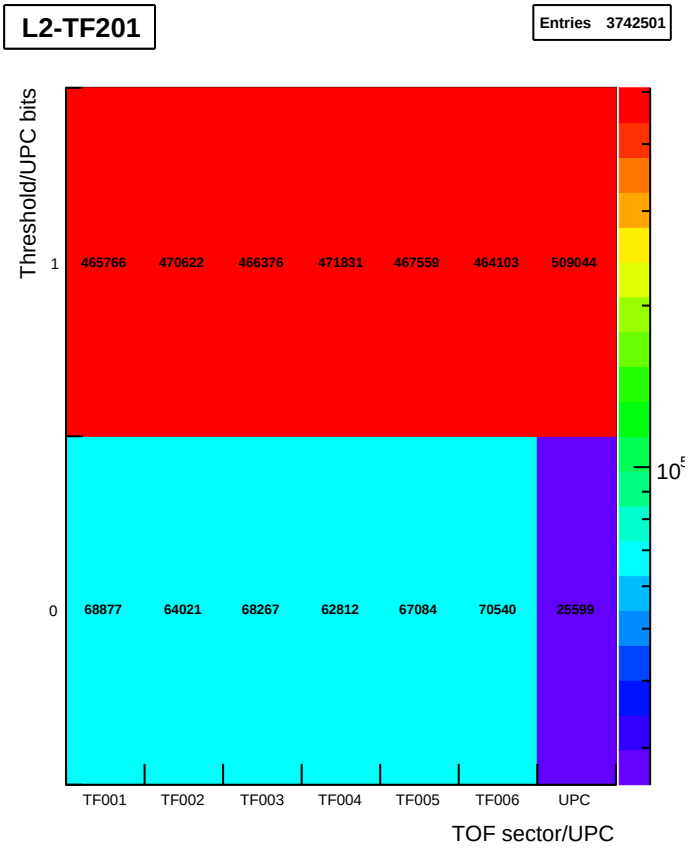

MIX-TF101
Entries 173763
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

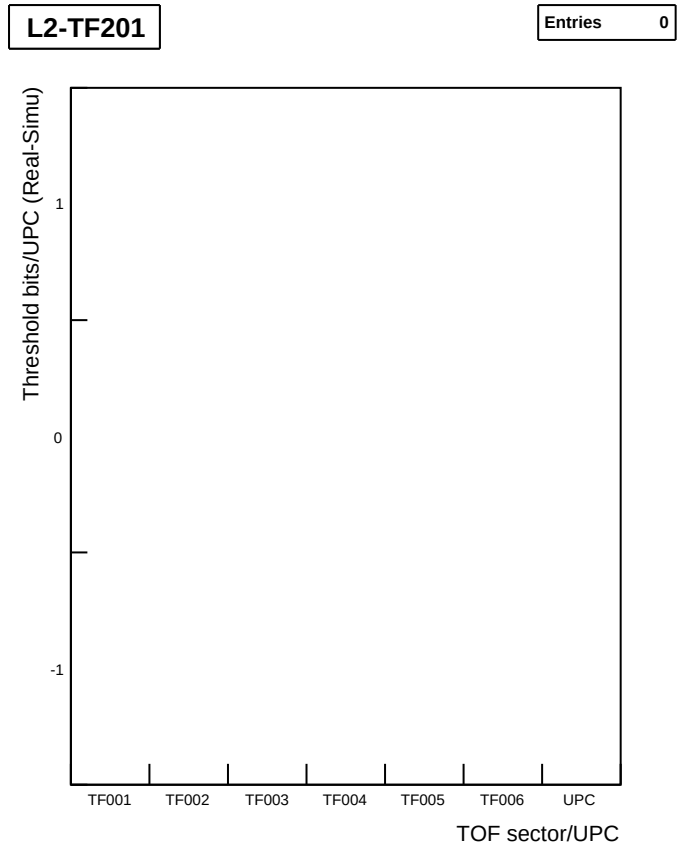

MIX-TF101
Entries 3207858
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

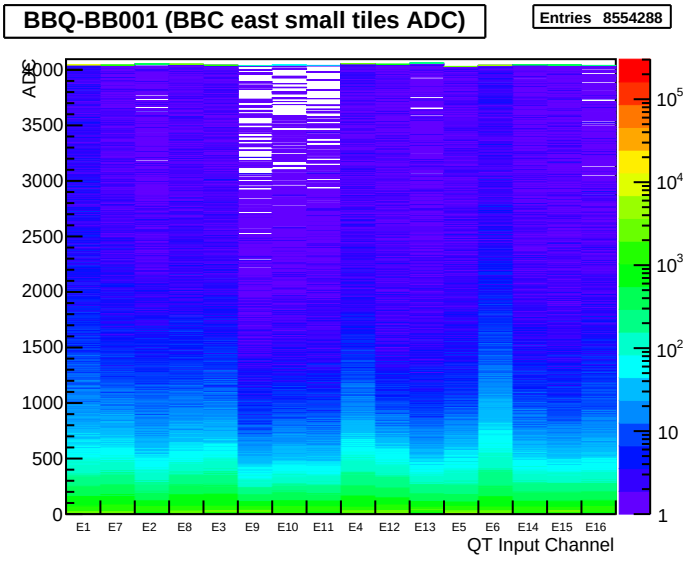

MIX-TF101
Entries 379301
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

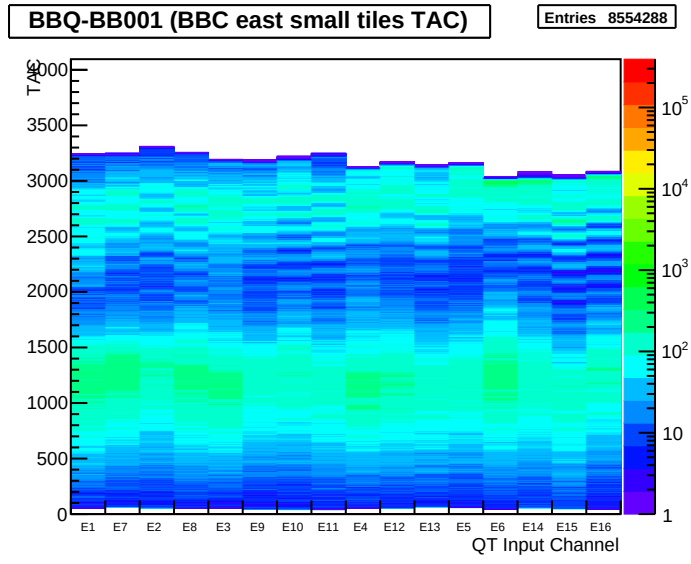

L2-TF201
Entries 534643
TOF total mult

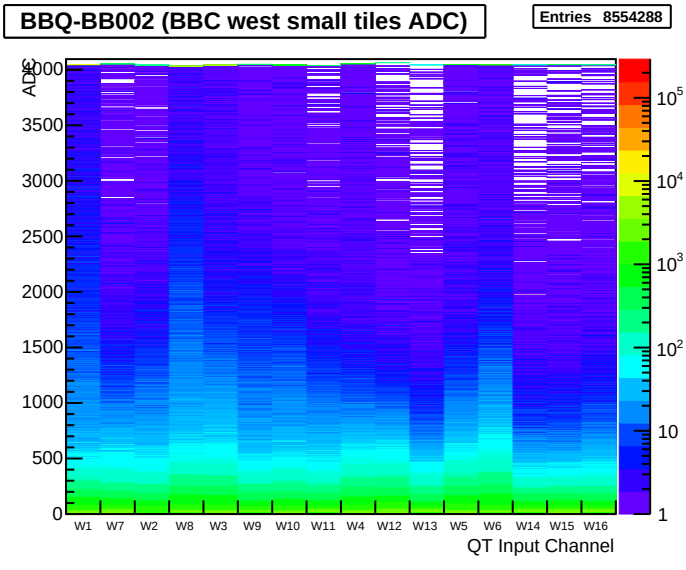

L2-TF201
Entries 0
TOF total mult(Real-Simu)

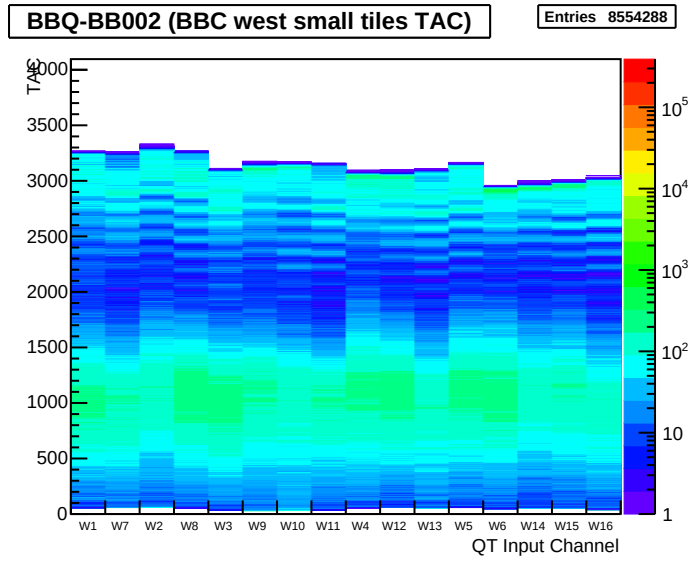

L2-TF201
Entries 3742501
Threshold/UPC bits
465766
470622
466376
471831
467559
464103
509044
68877
64021
68267
62812
67084
70540
25599
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

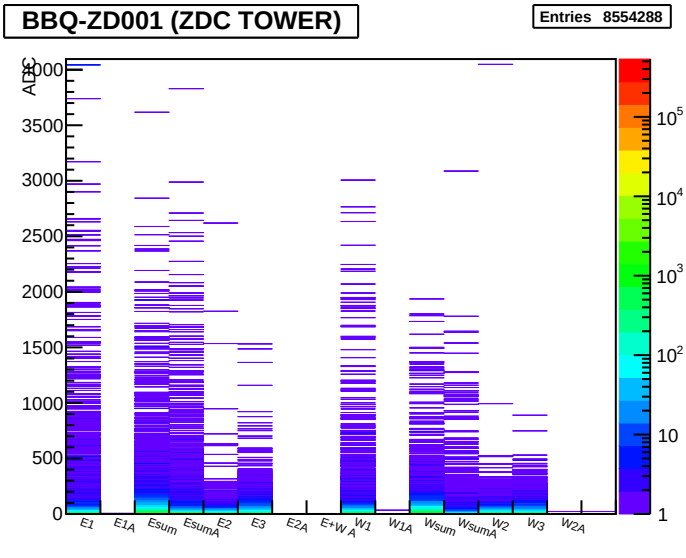

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

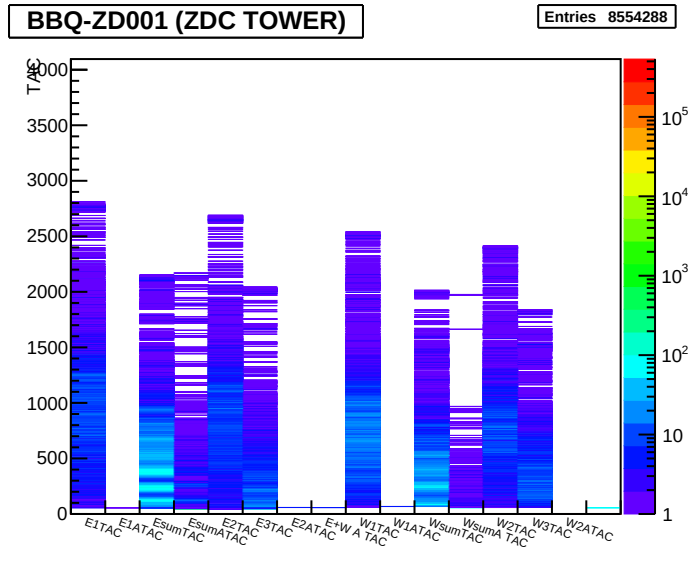

BBQ-BB001 (BBC east small tiles ADC)
Entries 8554288
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

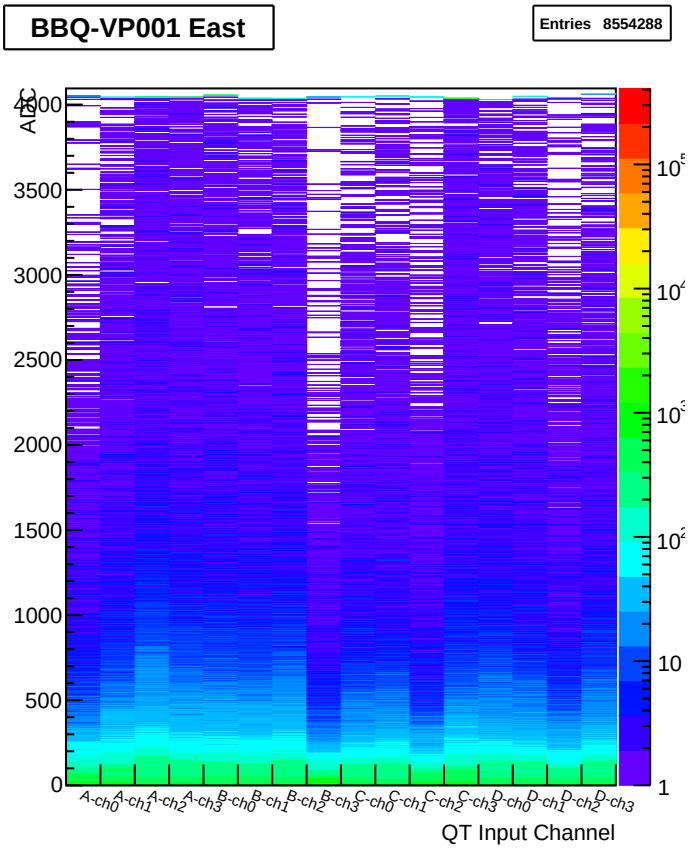

BBQ-BB001 (BBC east small tiles TAC)
Entries 8554288
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

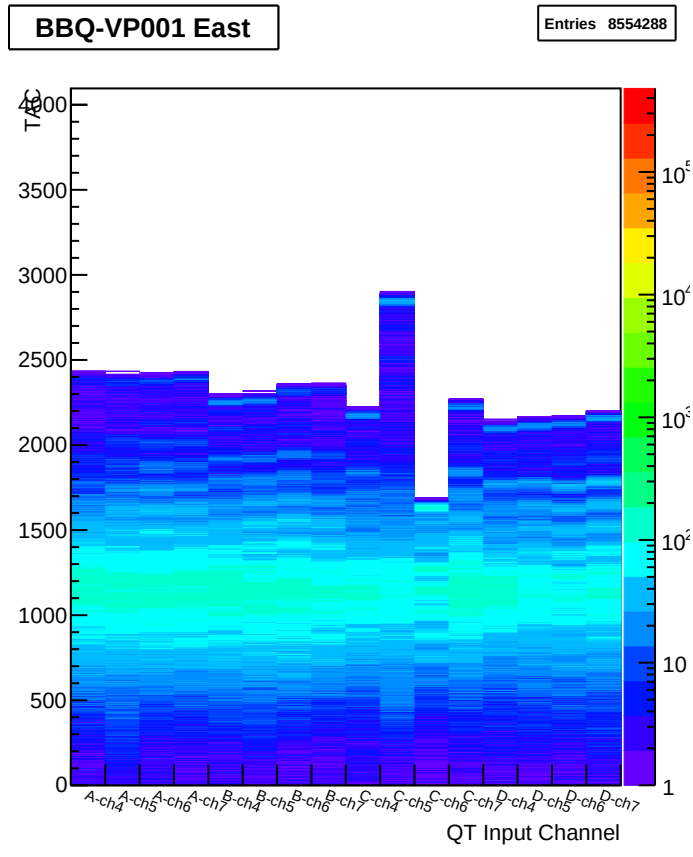

BBQ-BB002 (BBC west small tiles ADC)
Entries 8554288
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

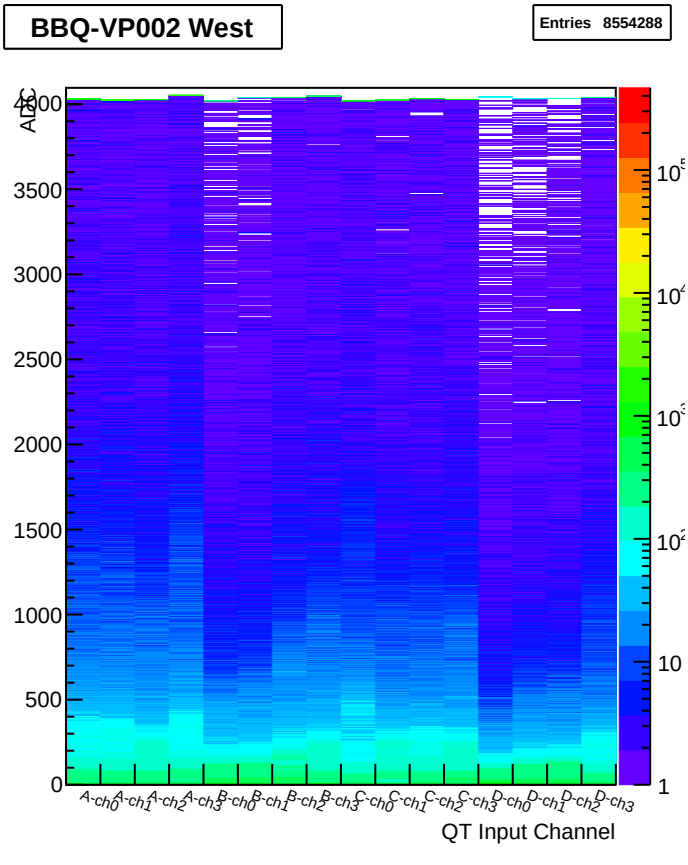

BBQ-BB002 (BBC west small tiles TAC)
Entries 8554288
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

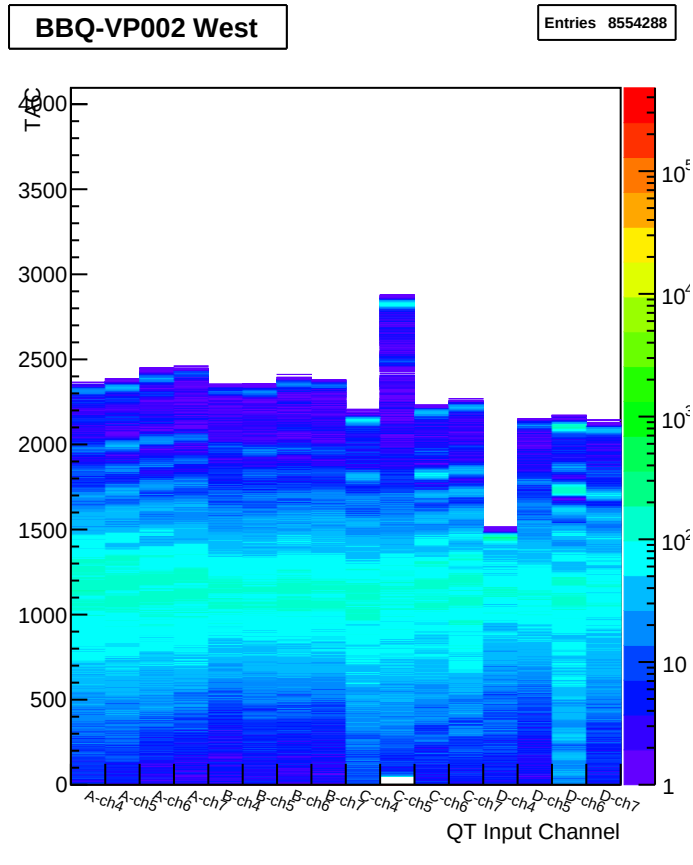

BBQ-ZD001 (ZDC TOWER)
Entries 8554288
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

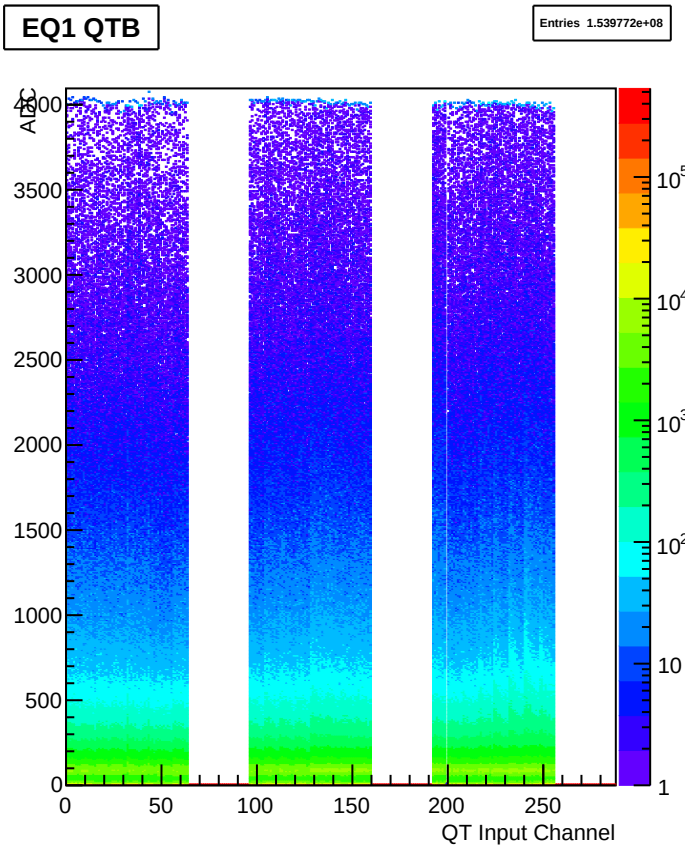

BBQ-ZD001 (ZDC TOWER)
Entries 8554288
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

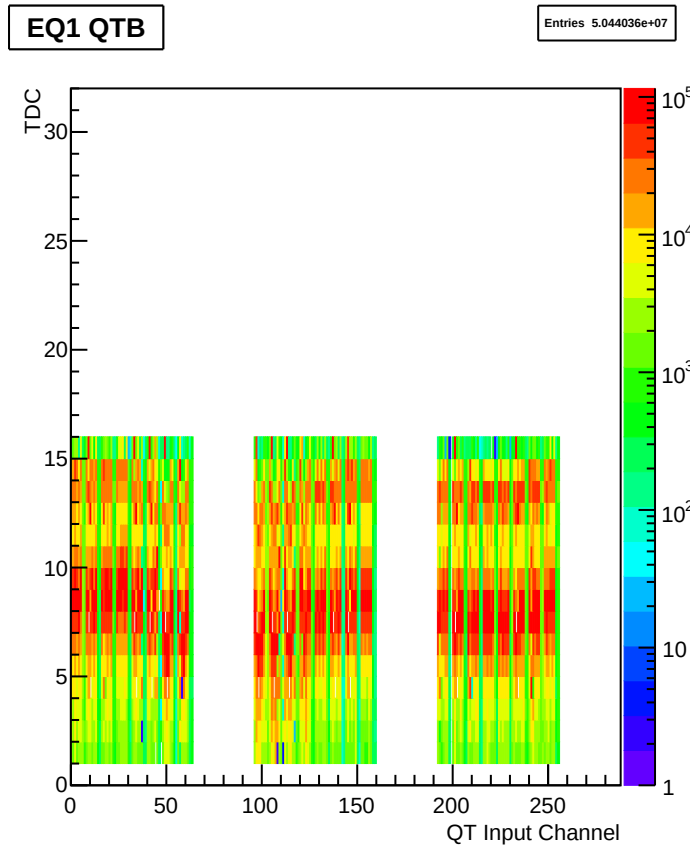

BBQ-VP001 East
Entries 8554288
ADC
QT Input Channel

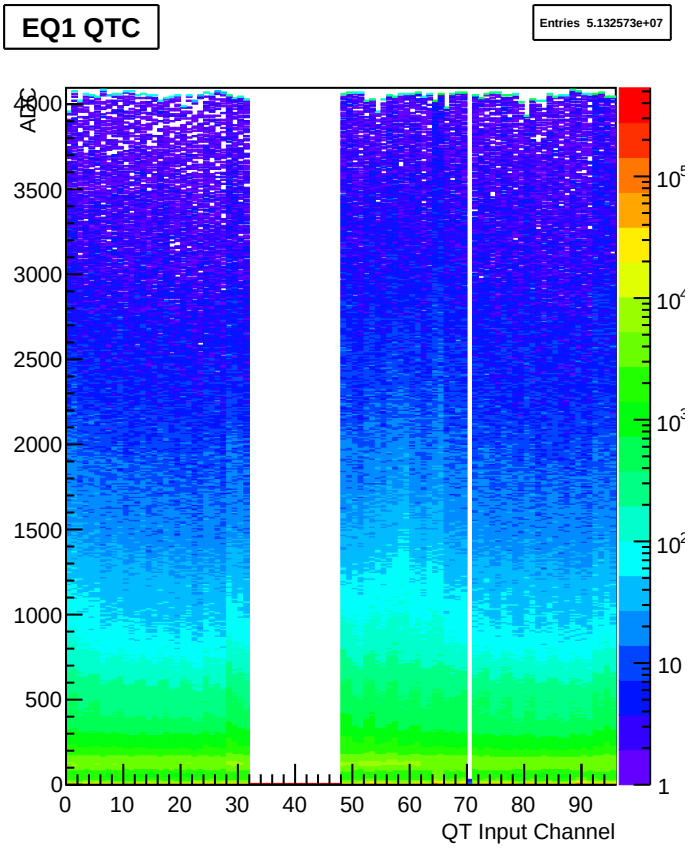

BBQ-VP001 East
Entries 8554288
TADC
QT Input Channel

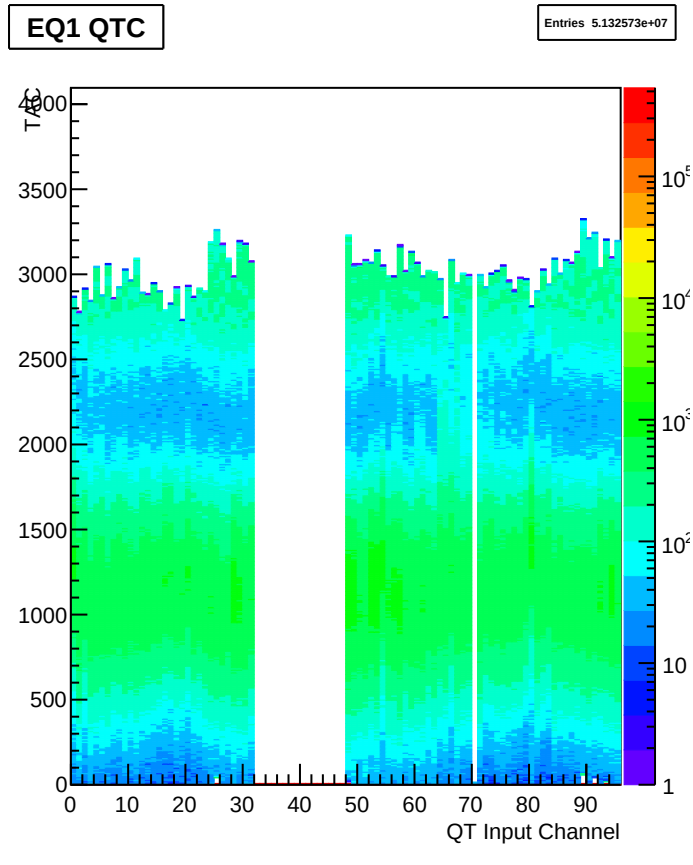

BBQ-VP002 West
Entries 8554288
ADC
QT Input Channel

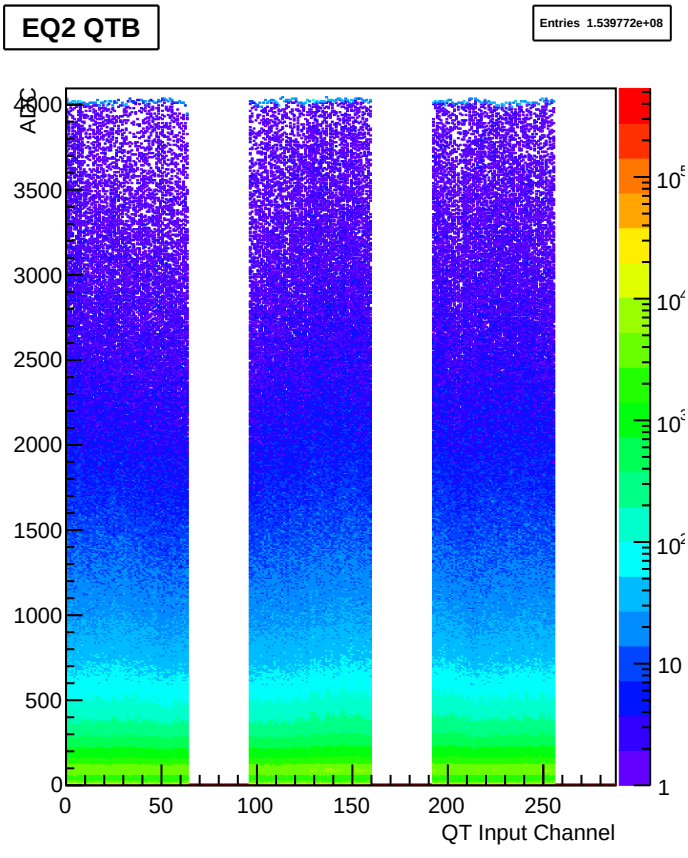

BBQ-VP002 West
Entries 8554288
TADC
QT Input Channel

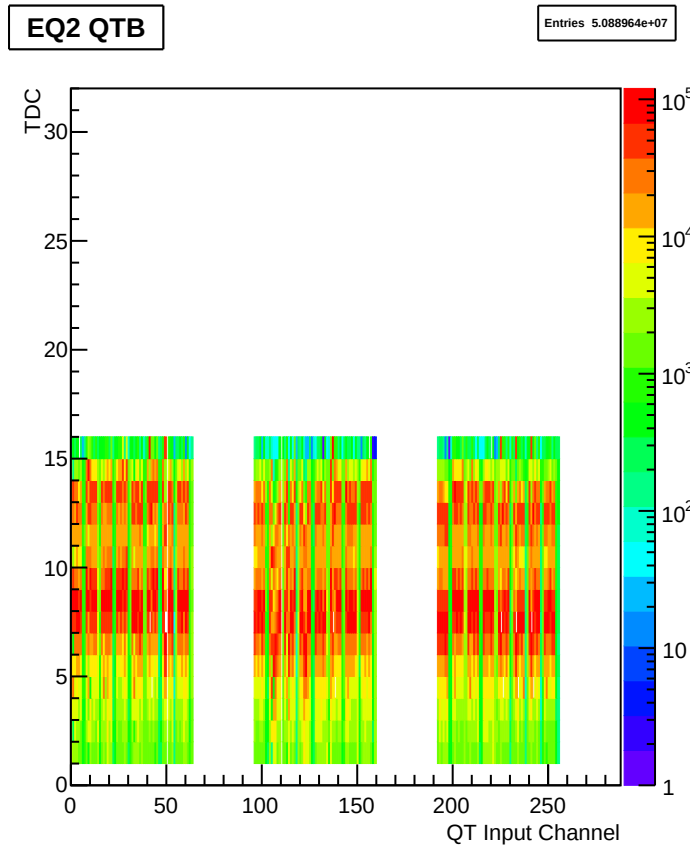

EQ1 QTB
Entries 1.539772e+08
ADC
QT Input Channel

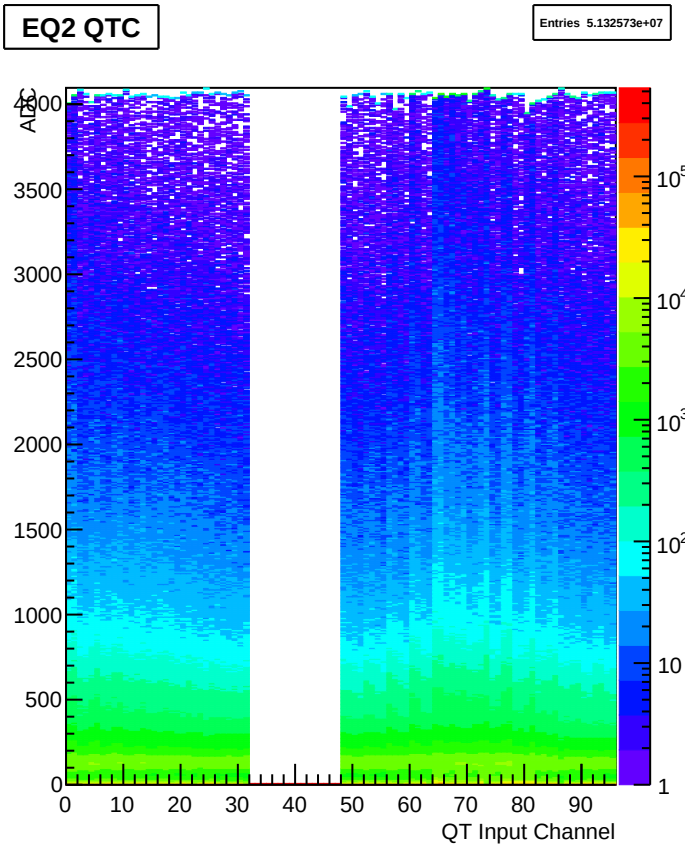

EQ1 QTB
Entries 5.044036e+07
TDC
QT Input Channel

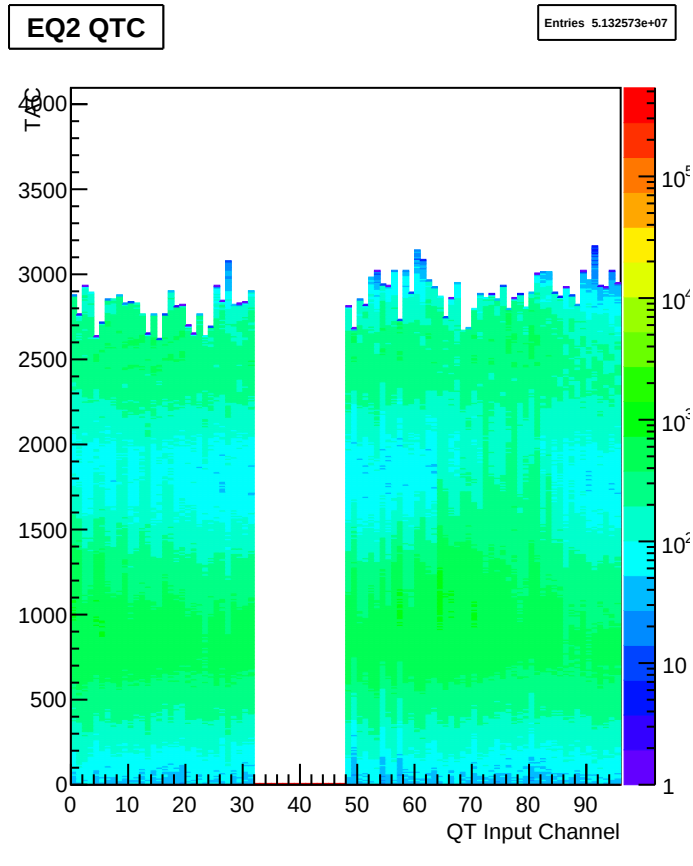

EQ1 QTC
Entries 5.132573e+07
ADC
QT Input Channel

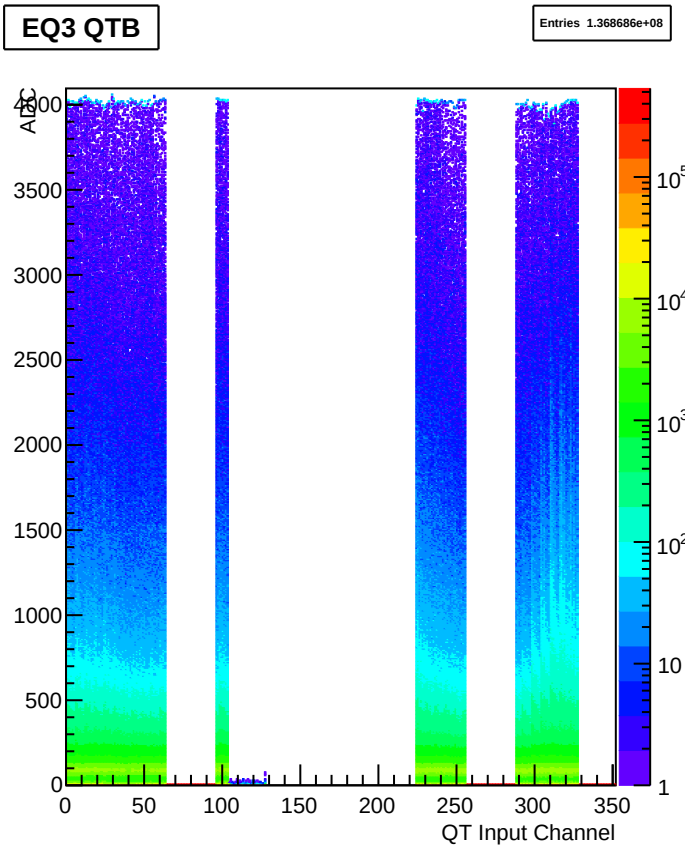

EQ1 QTC
Entries 5.132573e+07
TADC
QT Input Channel

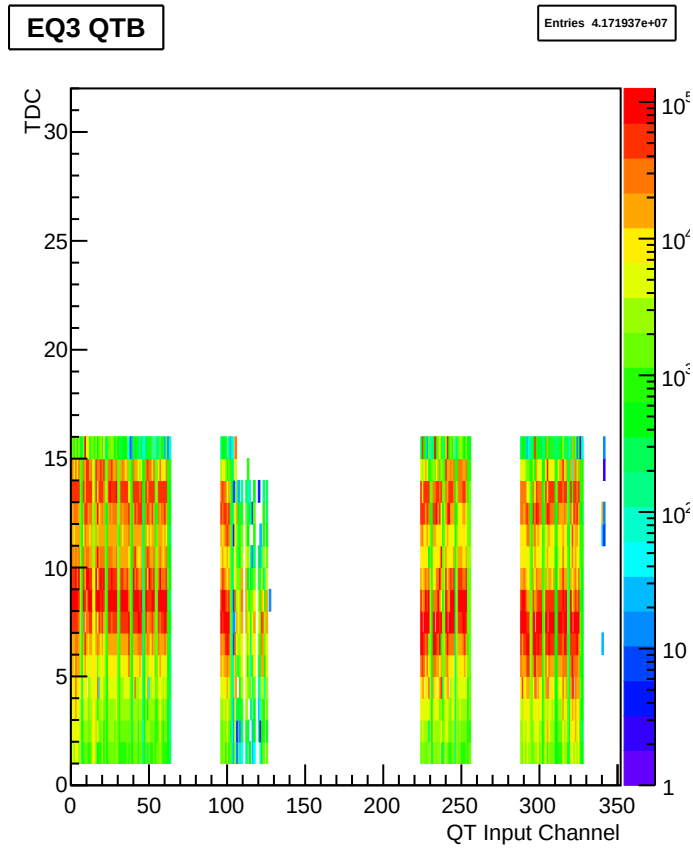

EQ2 QTB
Entries 1.539772e+08
ADC
QT Input Channel

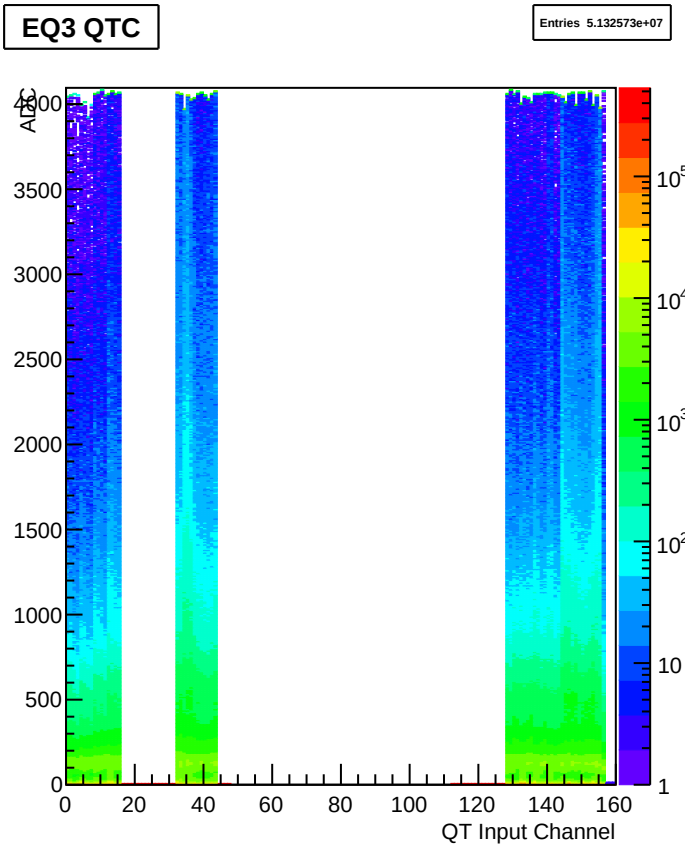

EQ2 QTB
Entries 5.088964e+07
TDC
QT Input Channel

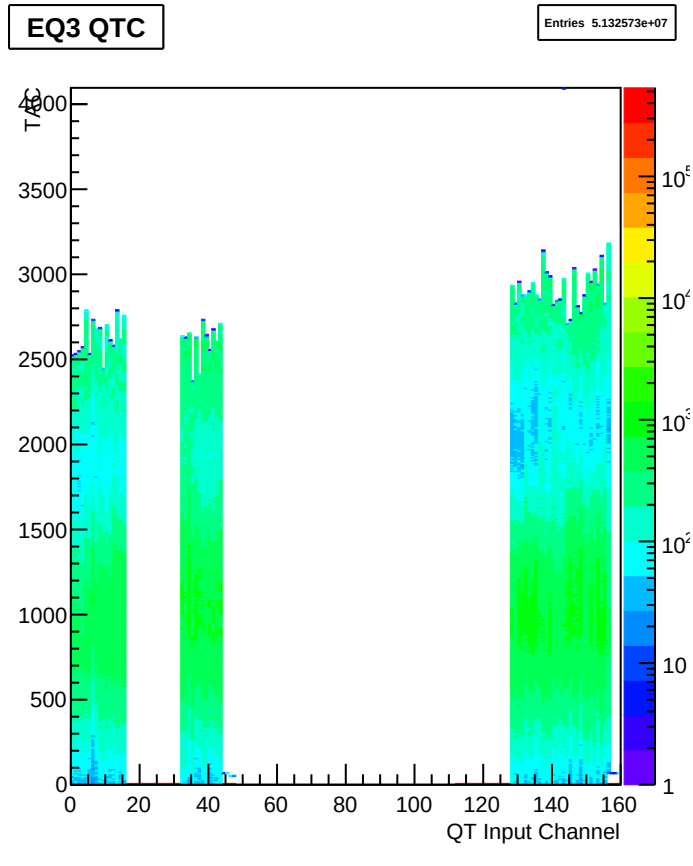

EQ2 QTC
Entries 5.132573e+07
ADC
QT Input Channel

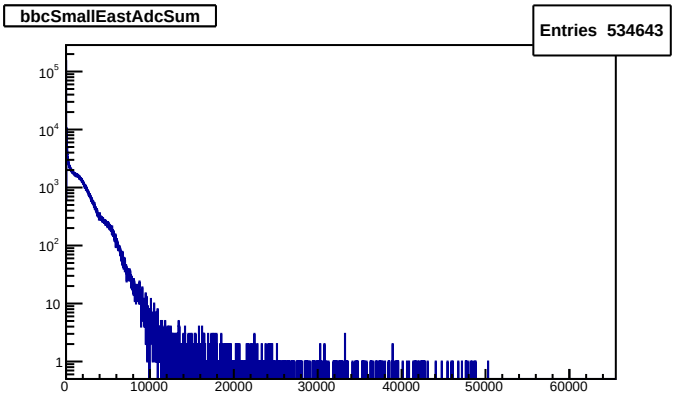

EQ2 QTC
Entries 5.132573e+07
TADC
QT Input Channel

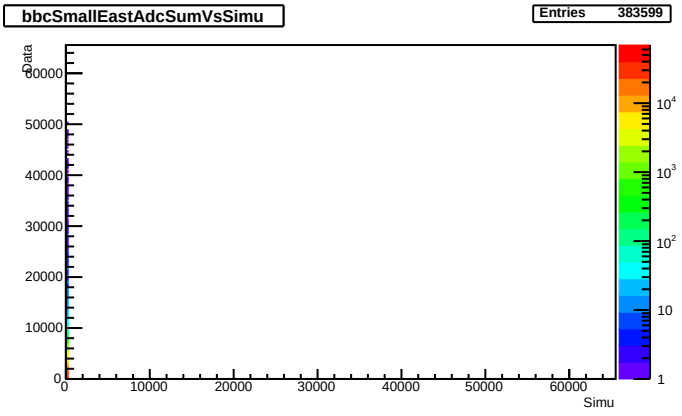

EQ3 QTB
Entries 1.368686e+08
ADC
QT Input Channel

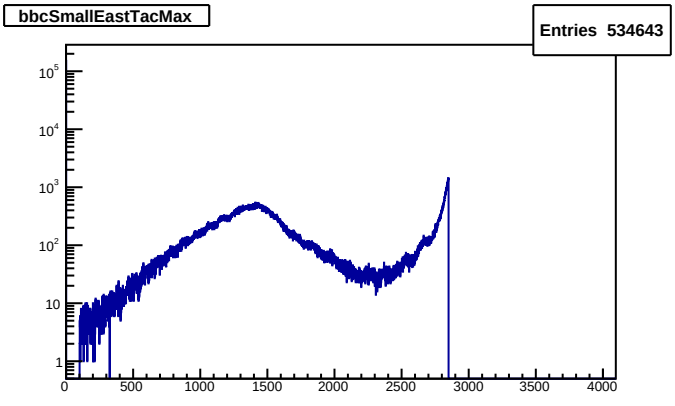

EQ3 QTB
Entries 4.171937e+07
TDC
QT Input Channel

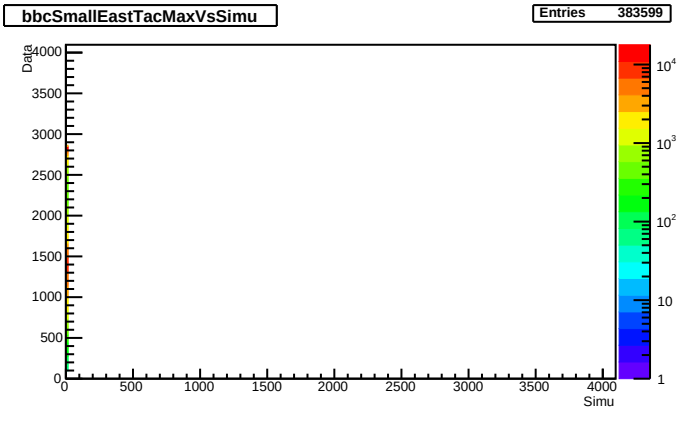

EQ3 QTC
Entries 5.132573e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.132573e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 534643


bbcSmallEastAdcSumVsSimu
Entries 383599
Data
Simu


bbcSmallEastTacMax
Entries 534643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Entries 383599
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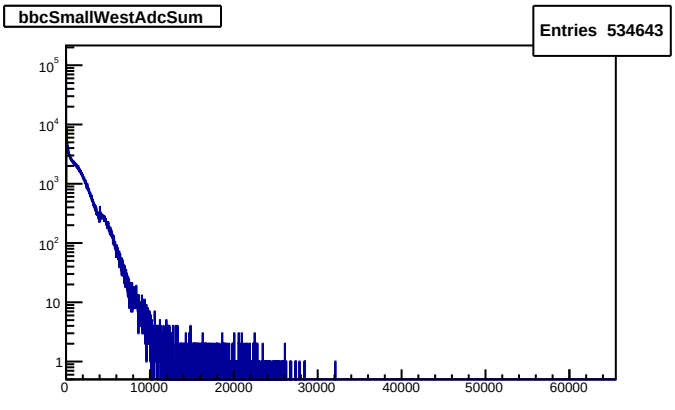
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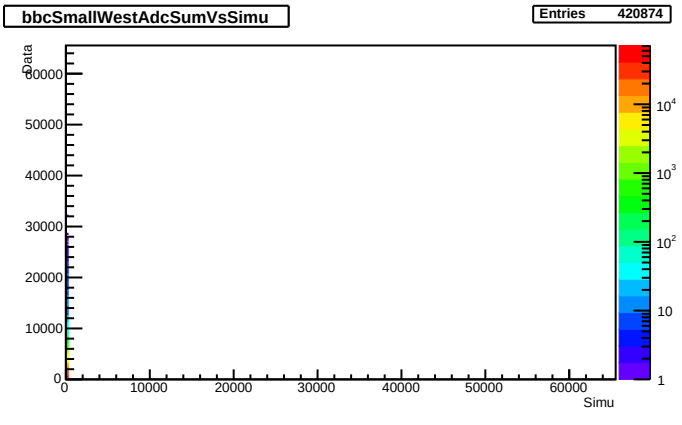
Entries 534643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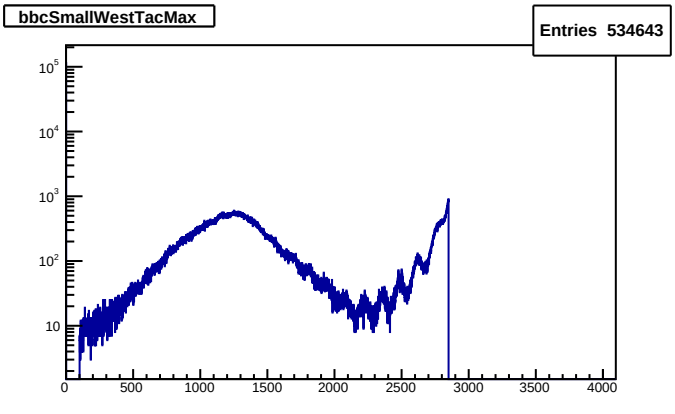
Entries 420874
Data
Simu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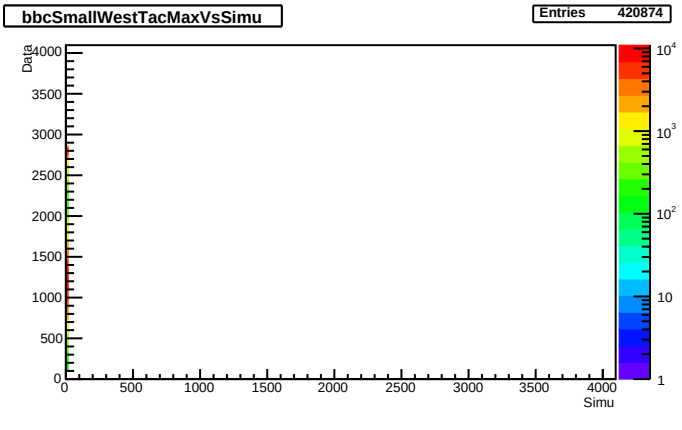
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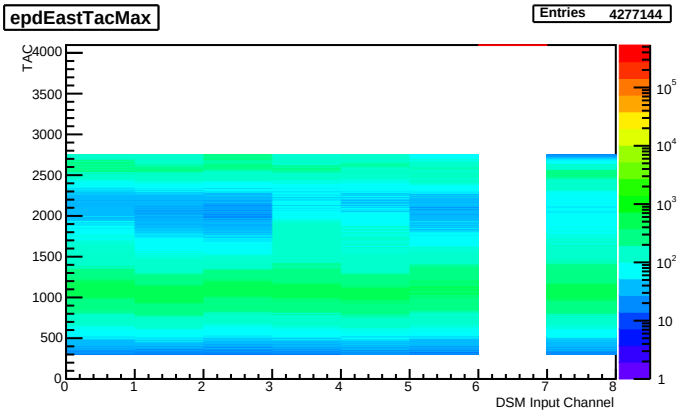
Entries 420874
Data
Simu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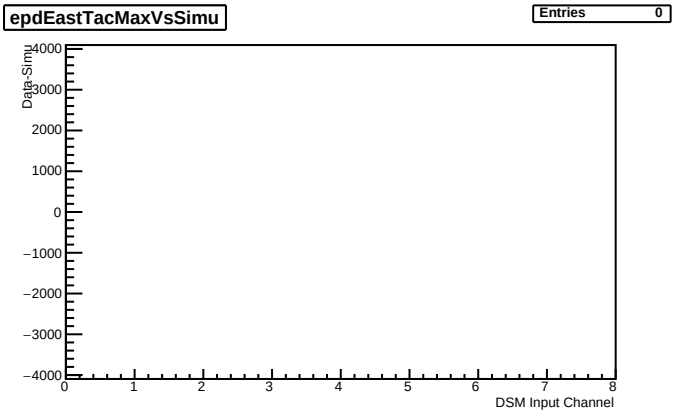
Entries 4277144
TAC
DSM Input Channel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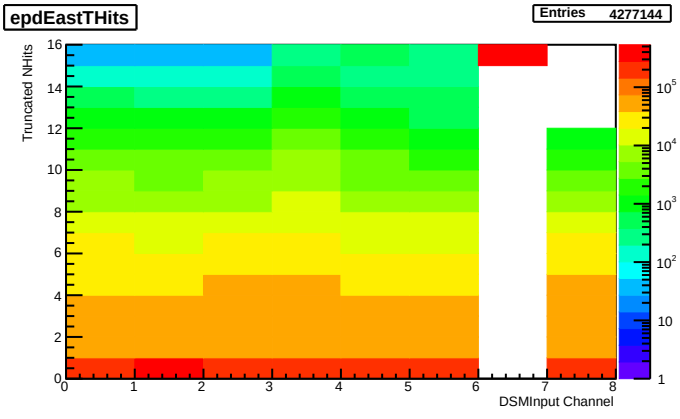
Entries 0
Data-Simu
DSM Input Channel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Entries 4277144
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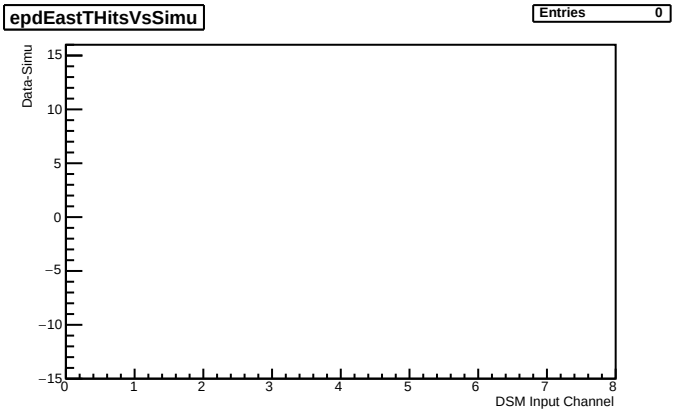
DSMInput Channel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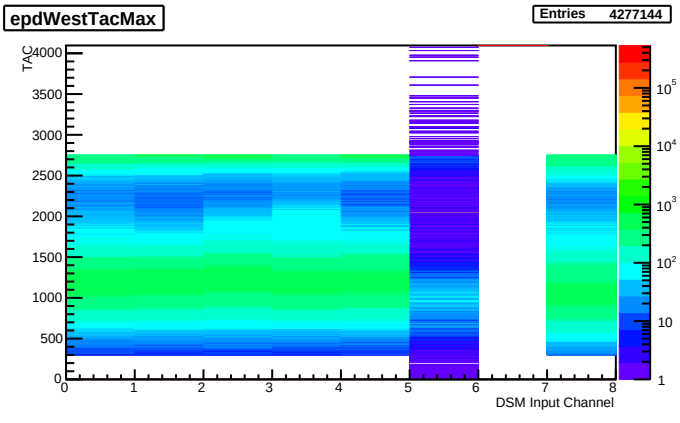
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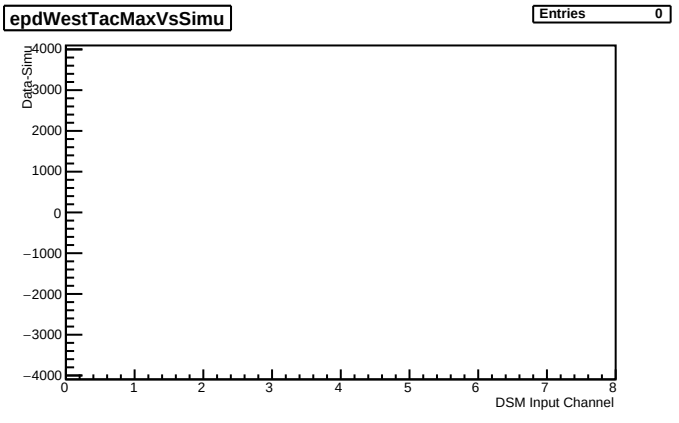
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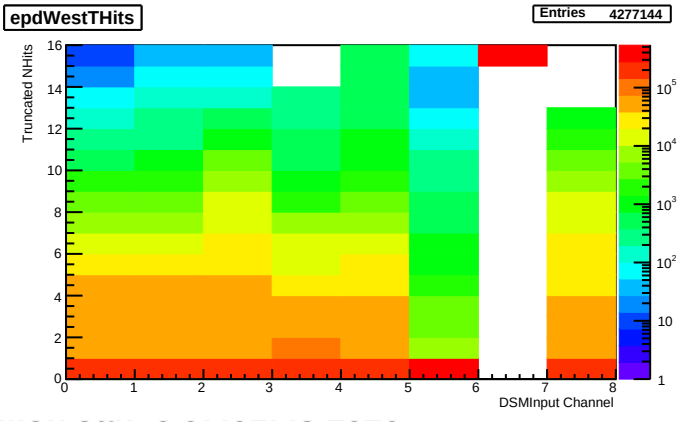
Data-Simu
DSM Input Channel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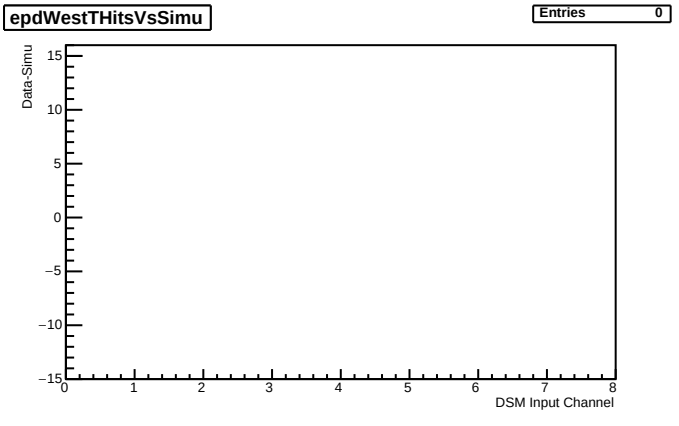
Entries 4277144
Truncated NHits
DSMInput Channel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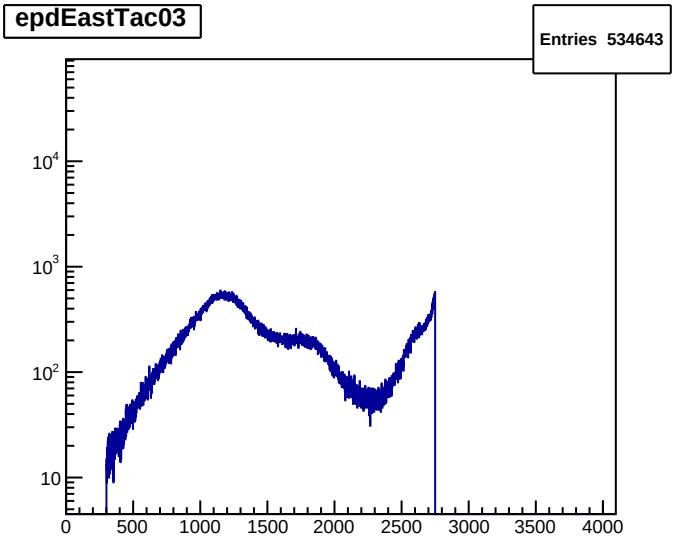
Data-Simu
DSM Input Channel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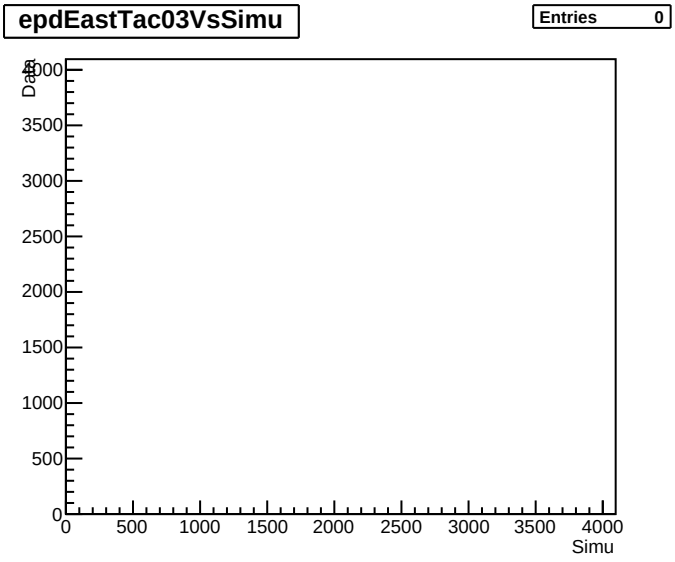
Entries 534643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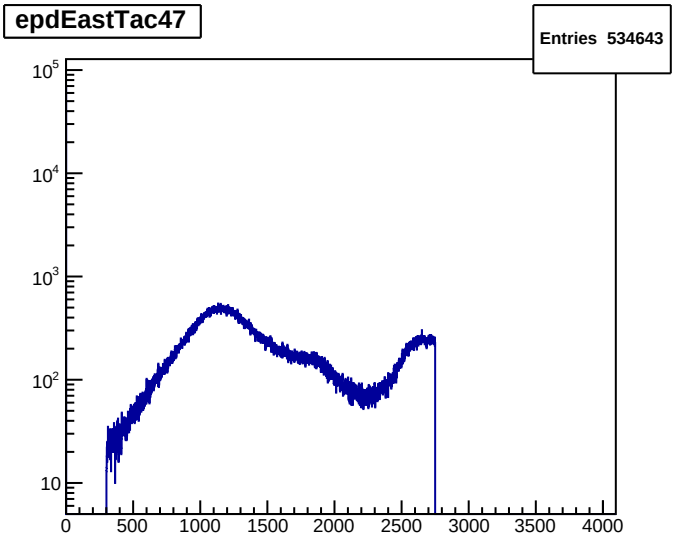
Data
Simu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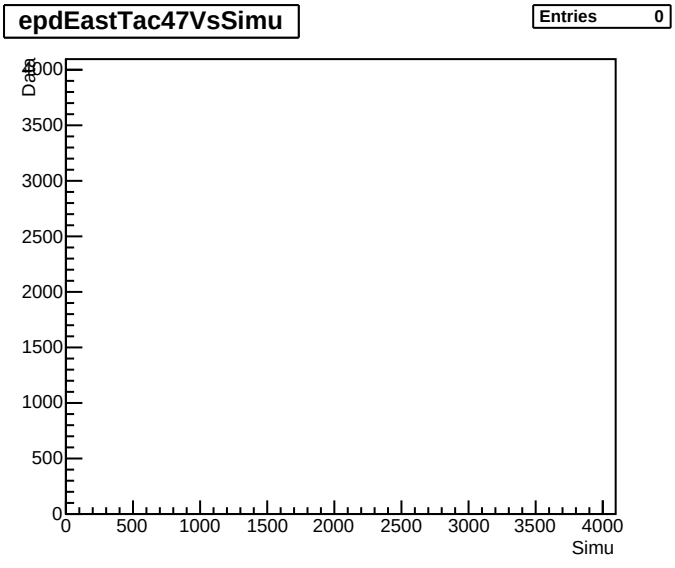
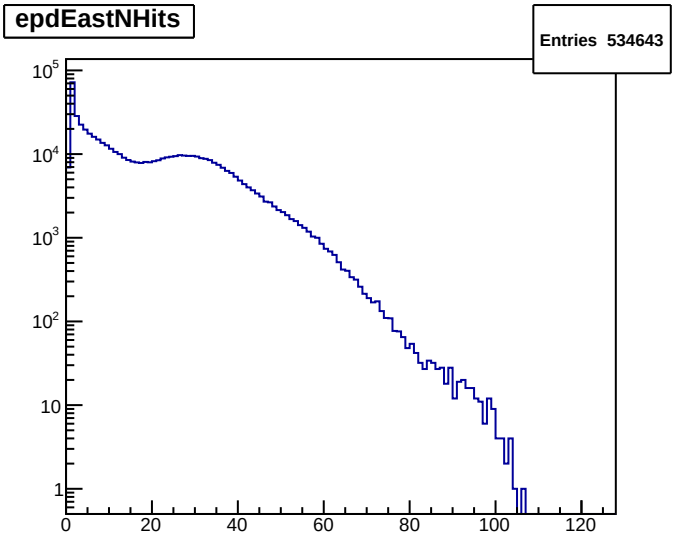
Entries 534643


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
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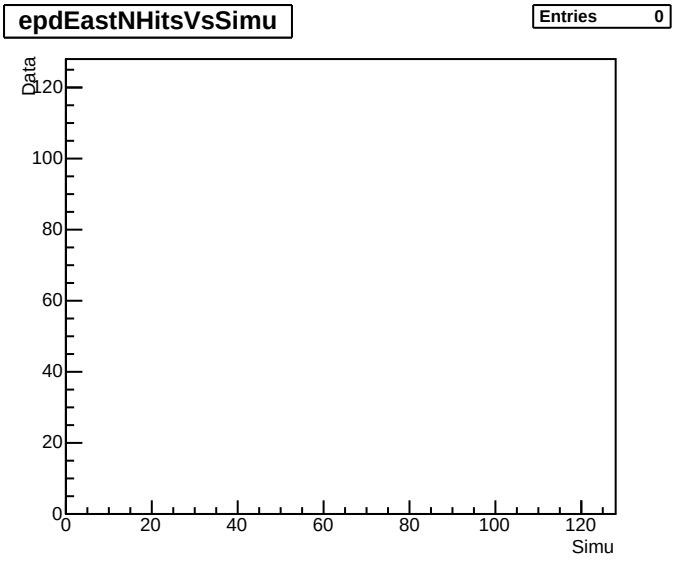
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Data
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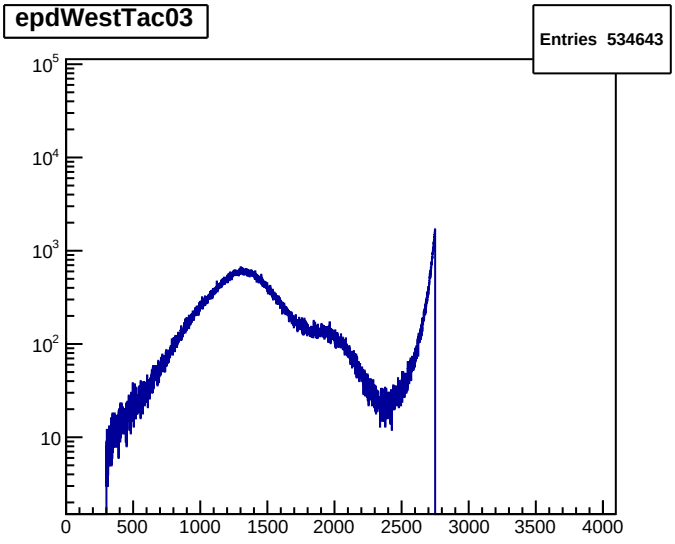
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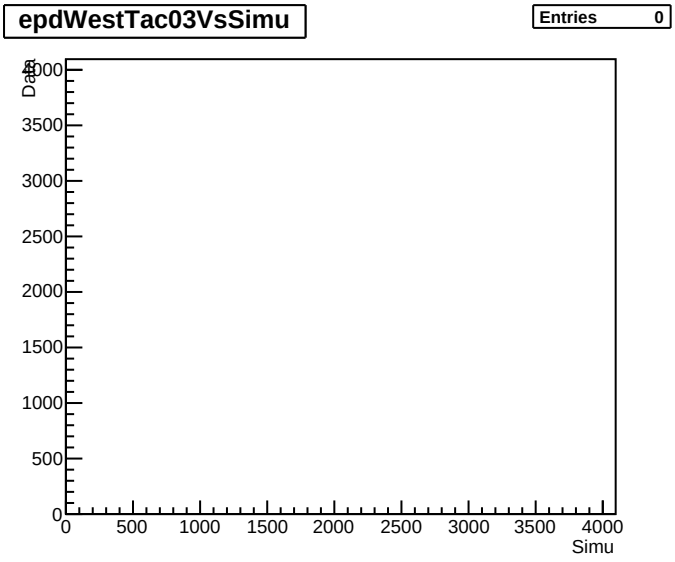
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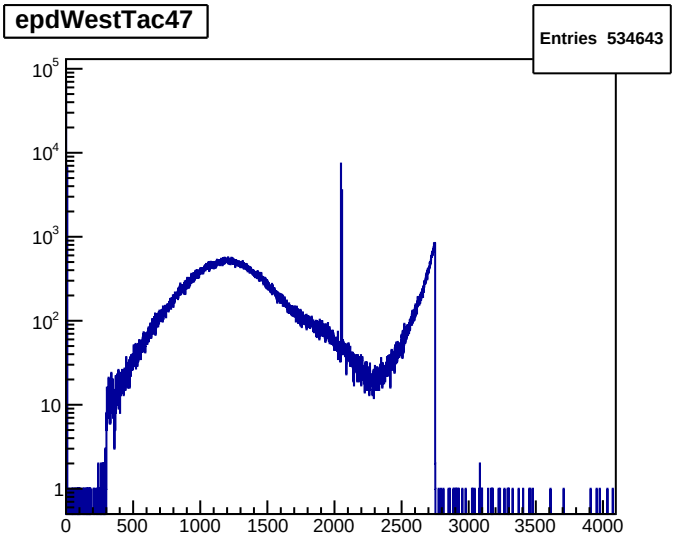
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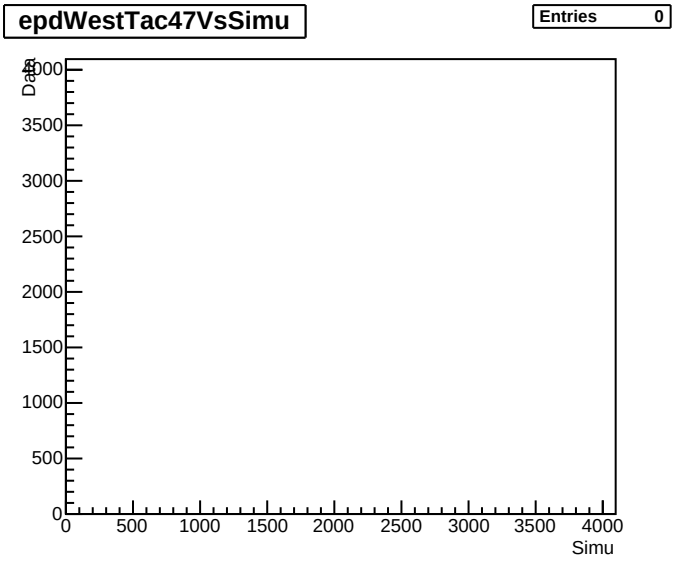
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Data
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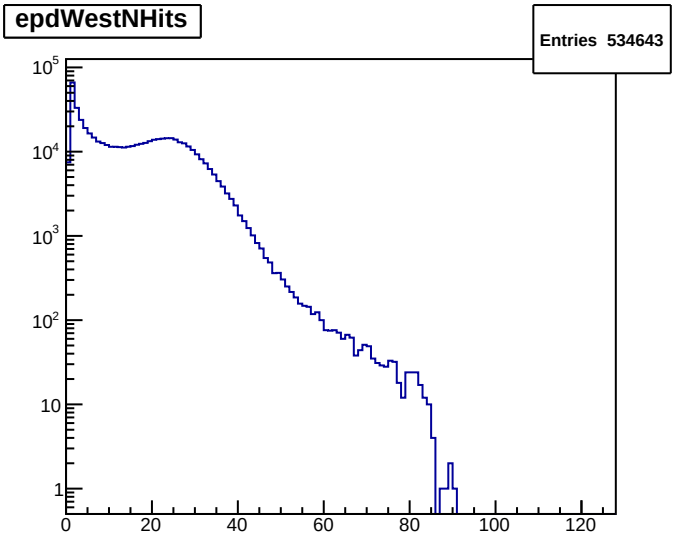
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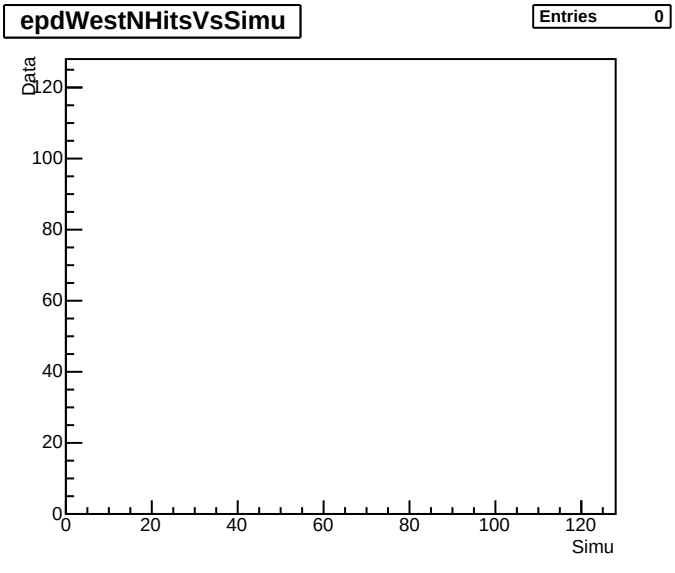
Entries 534643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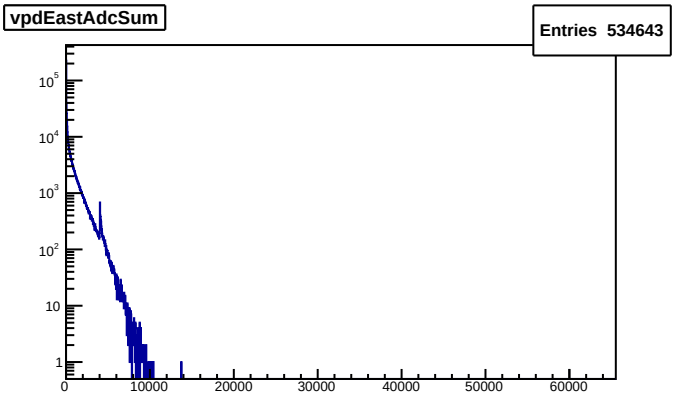
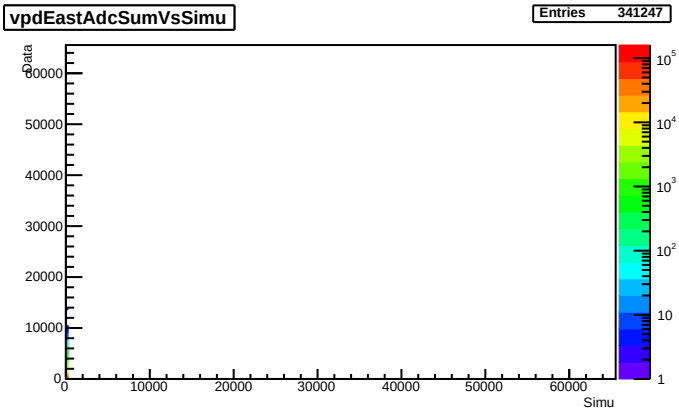
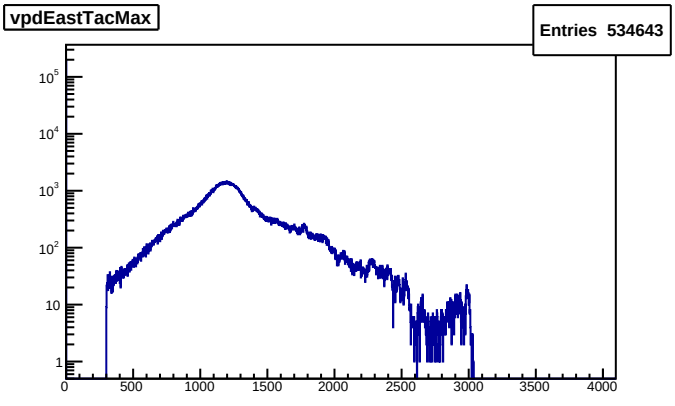
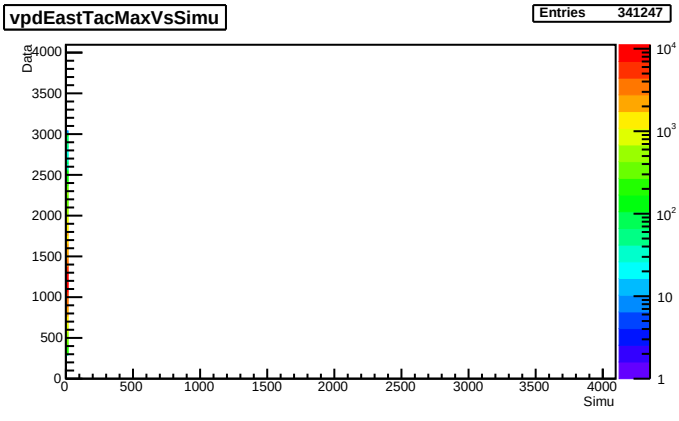
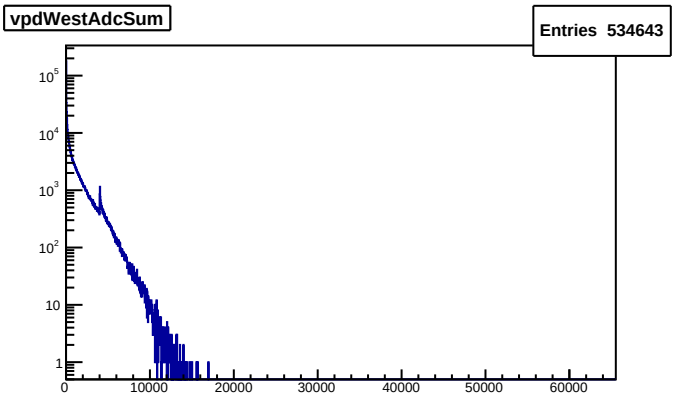
Entries 0
Data
Simu

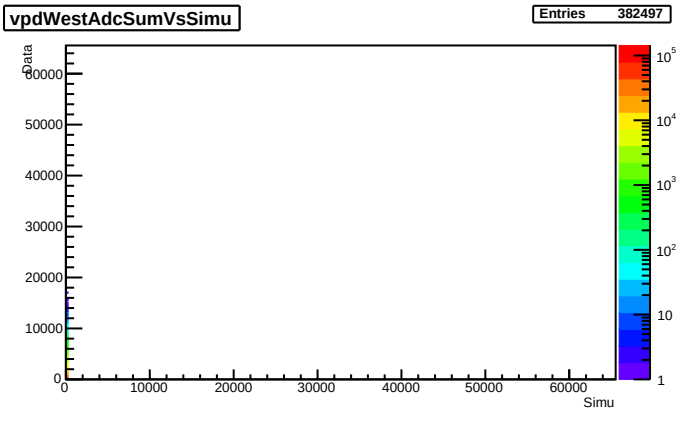

vpdEastAdcSum
Entries 534643


vpdEastAdcSumVsSimu
Entries 341247
Data
Simu


vpdEastTacMax
Entries 534643


vpdEastTacMaxVsSimu
Entries 341247
Data
Simu


vpdWestAdcSum
Entries 534643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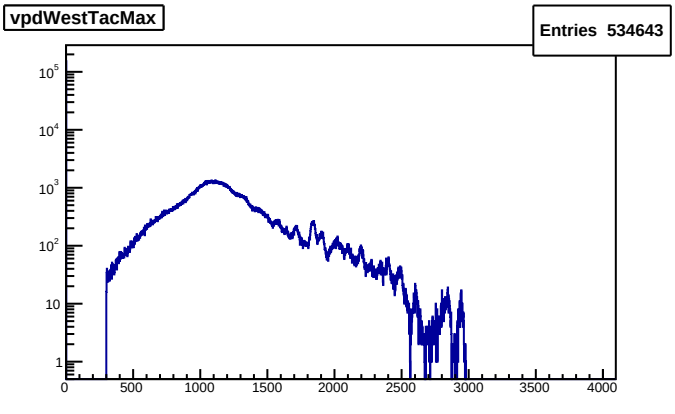
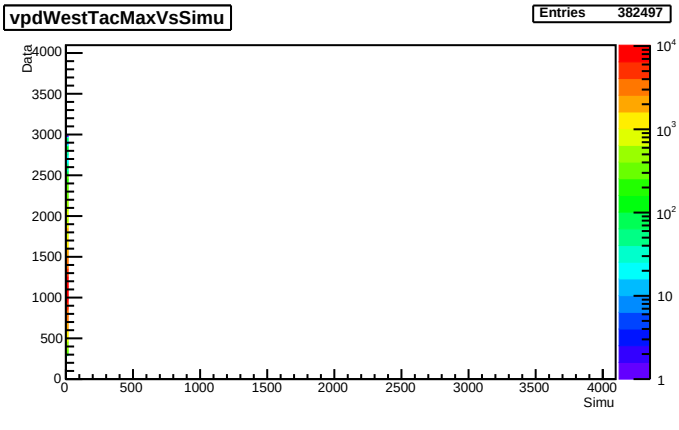
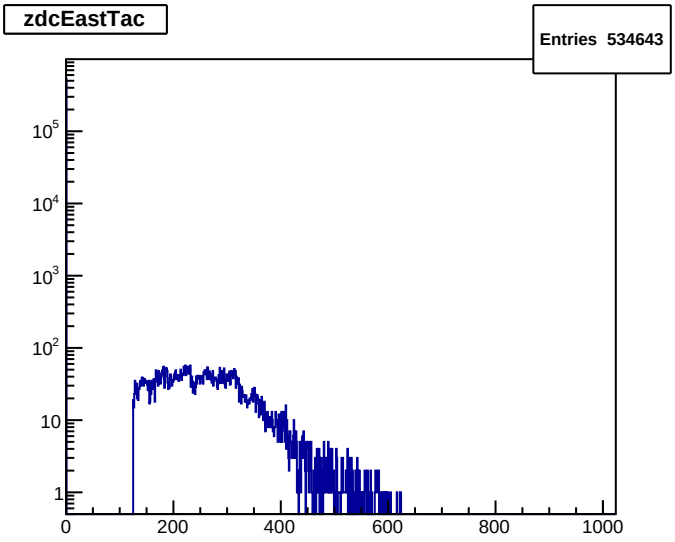
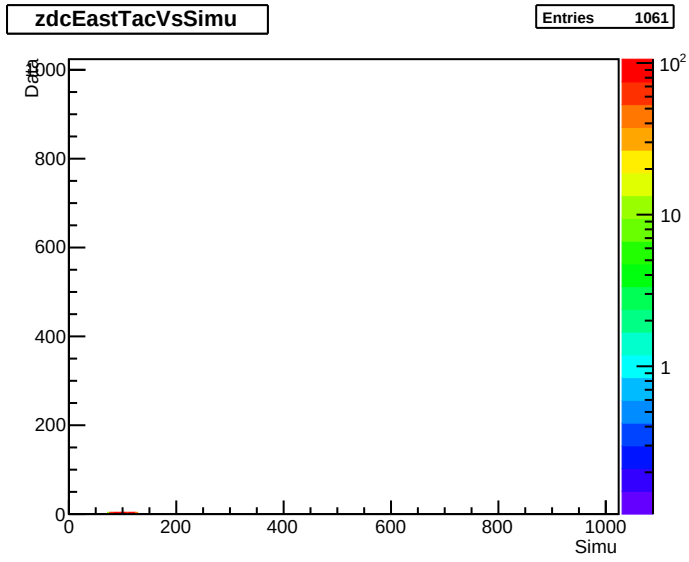
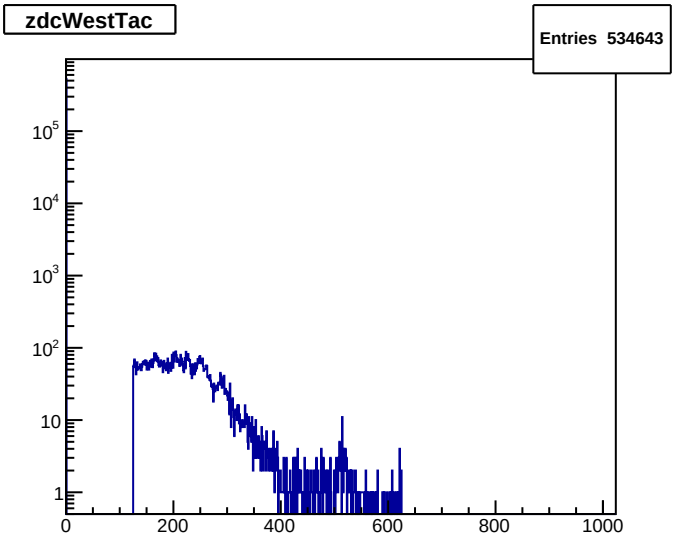
Entries 382497
Data
Simu

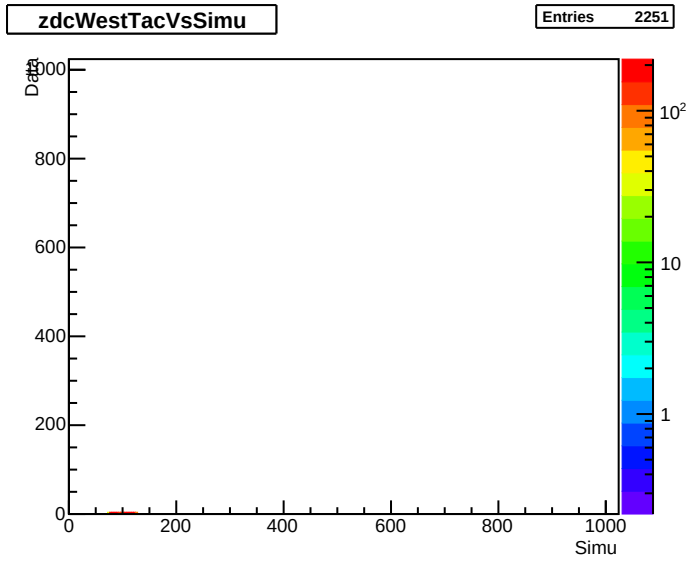

vpdWestTacMax
Entries 534643

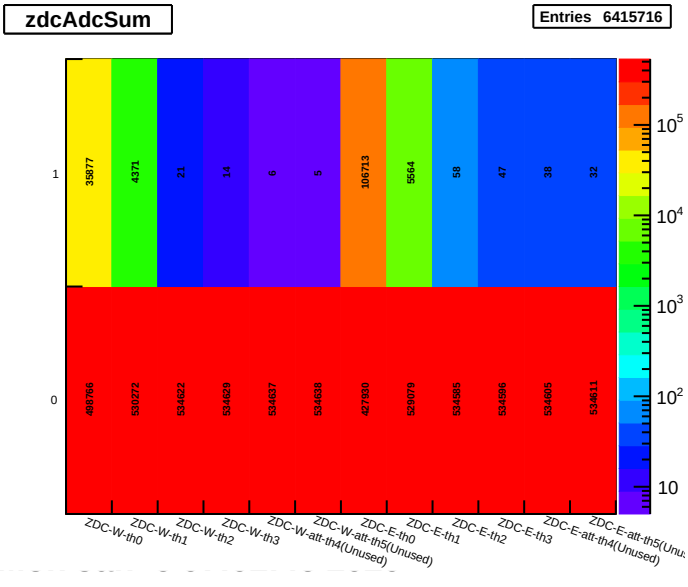

vpdWestTacMaxVsSimu
Entries 382497
Data
Simu

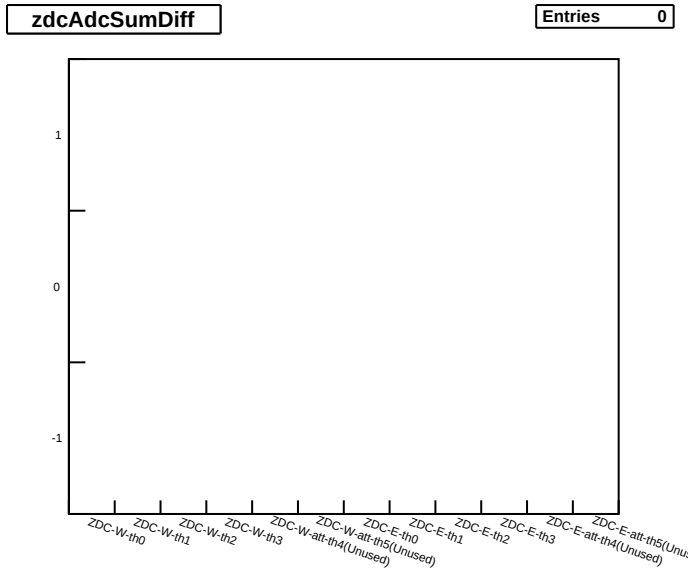

zdcEastTac
Entries 534643

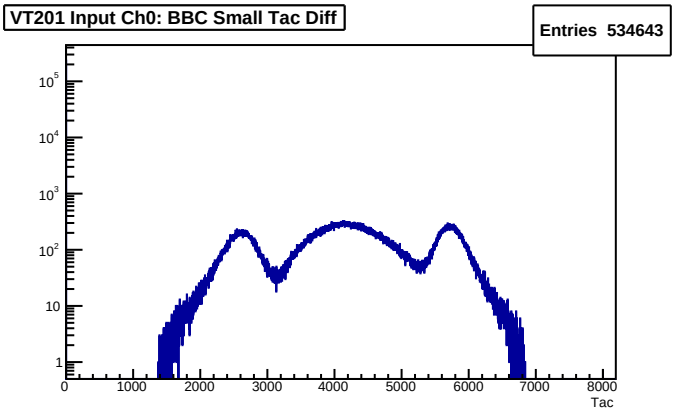

zdcEastTacVsSimu
Entries 1061
Data
Simu

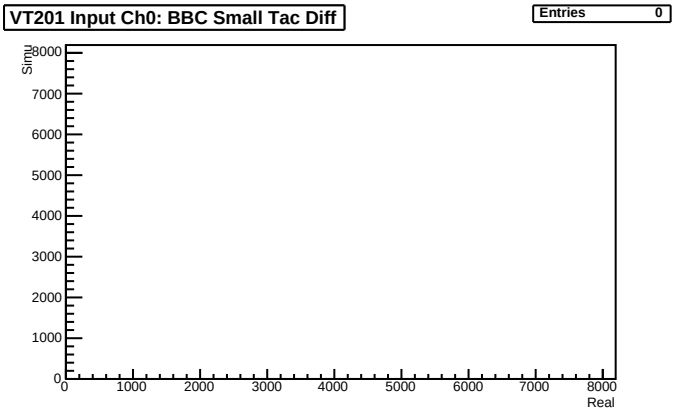

zdcWestTac
Entries 534643

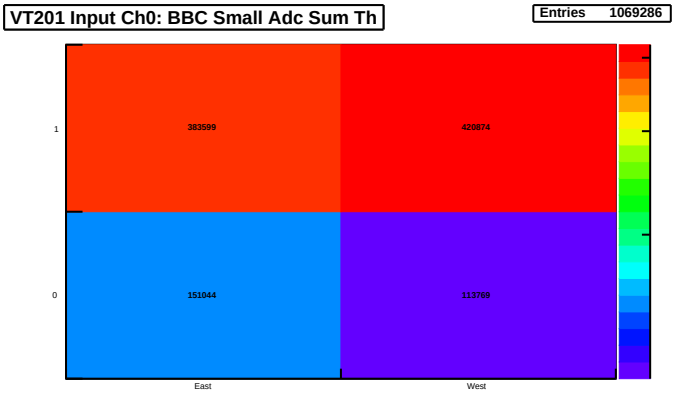

zdcWestTacVsSimu
Entries 2251
Data
Simu

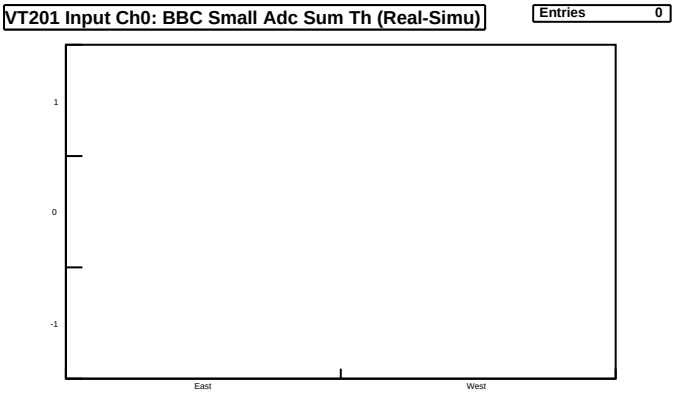

zdcAdcSum
Entries 6415716
35877
4371
21
14
6
5
106713
5564
58
47
38
32
498766
530272
534622
534629
534637
534638
427930
529079
534595
534596
534605
534611
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

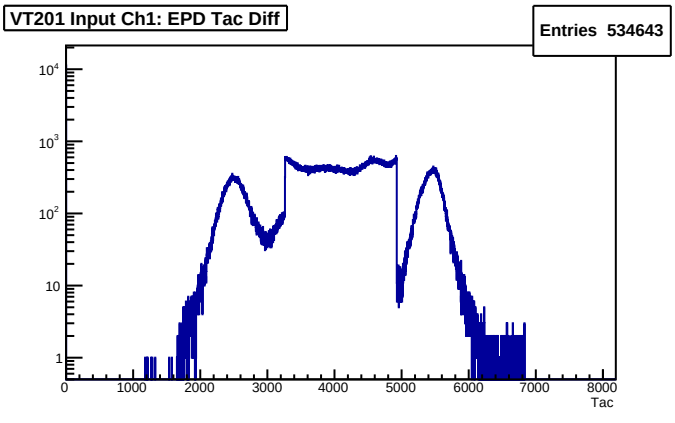

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

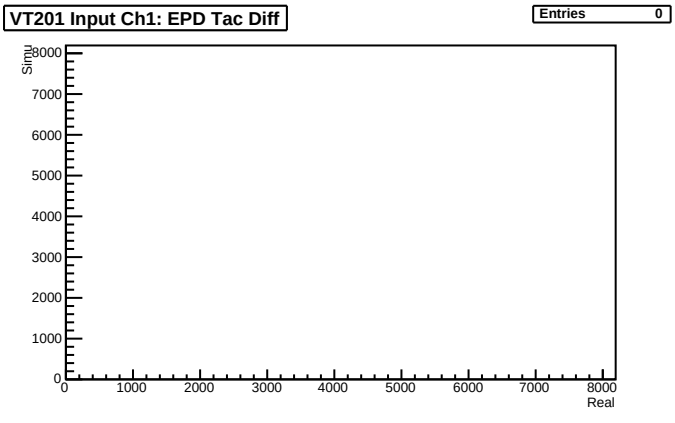

VT201 Input Ch0: BBC Small Tac Diff
Entries 534643
Tac

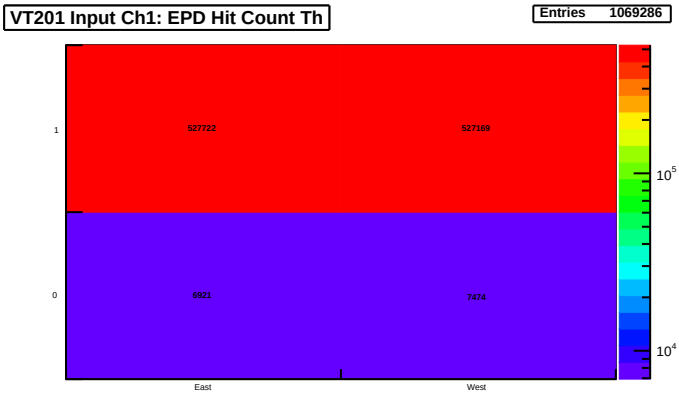

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

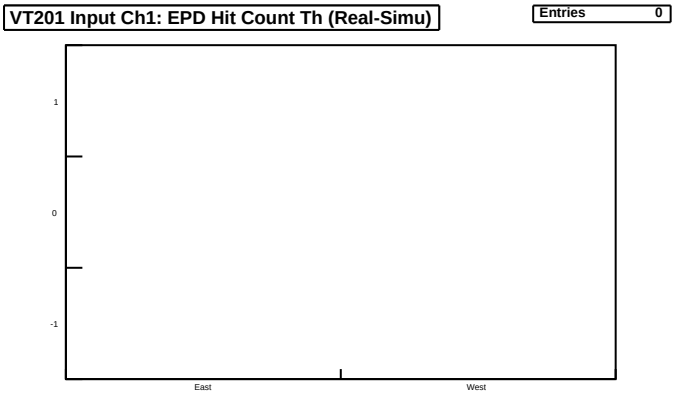

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1069286
383599
420874
151044
113769
East
West

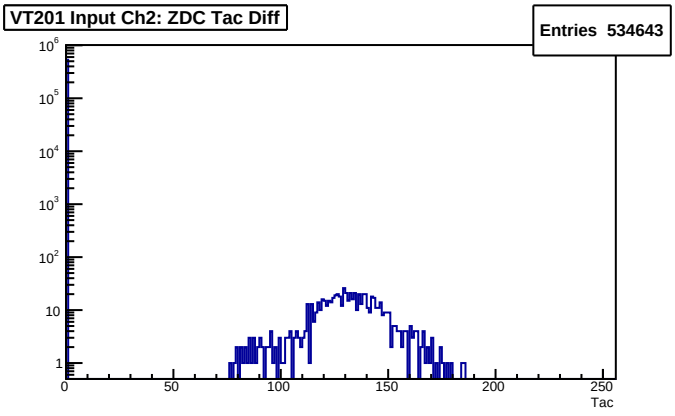

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

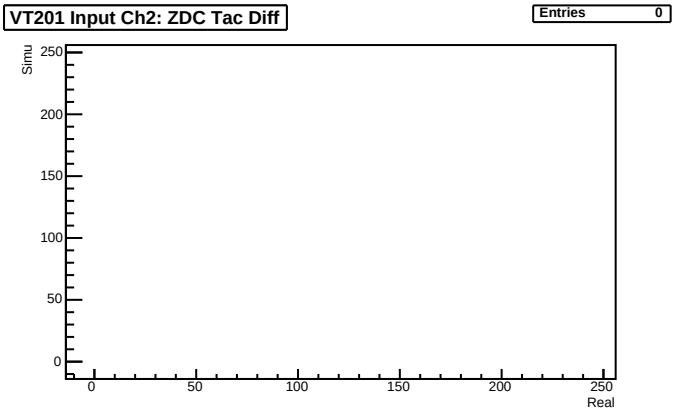

VT201 Input Ch1: EPD Tac Diff
Entries 534643
Tac

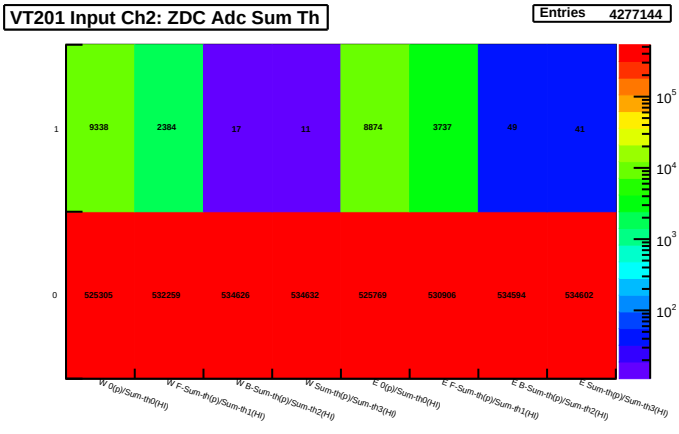

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

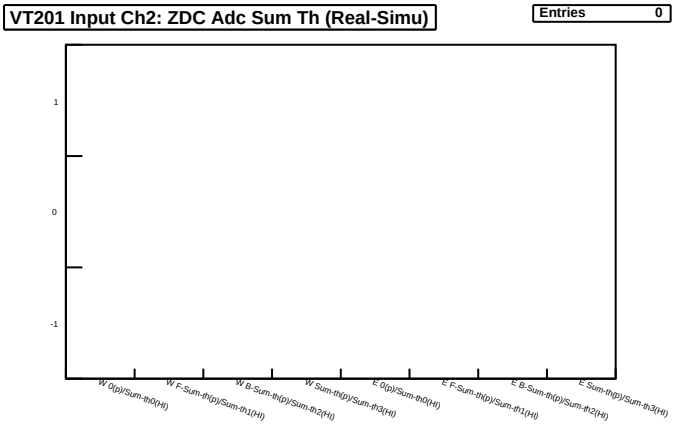

VT201 Input Ch1: EPD Hit Count Th
Entries 1069286
527722
527169
6921
7474
East
West

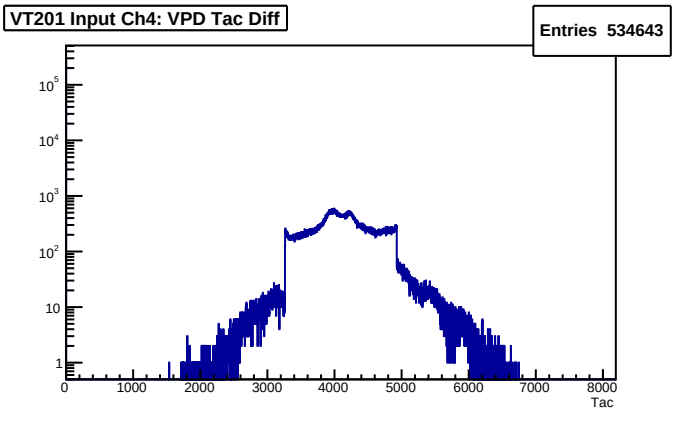

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

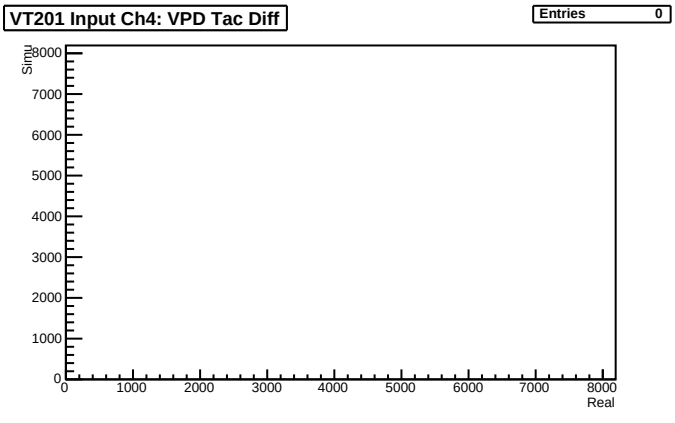

VT201 Input Ch2: ZDC Tac Diff
Entries 534643
Tac

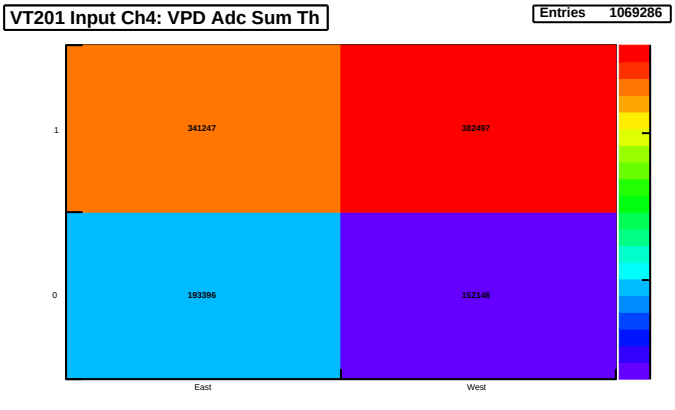

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

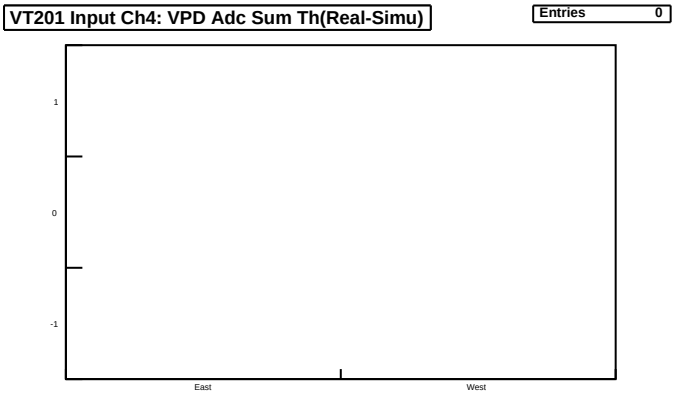

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4277144
9338
2384
17
11
8874
3737
49
41
525305
532259
534626
534632
525769
530906
534594
534602
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

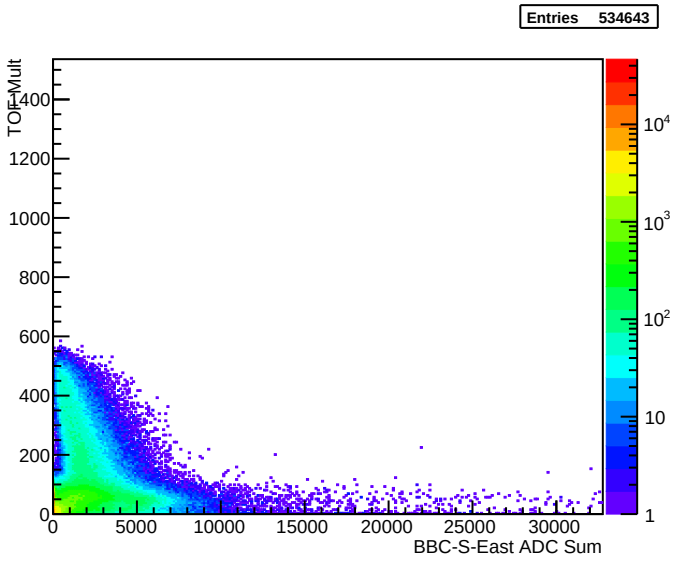

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

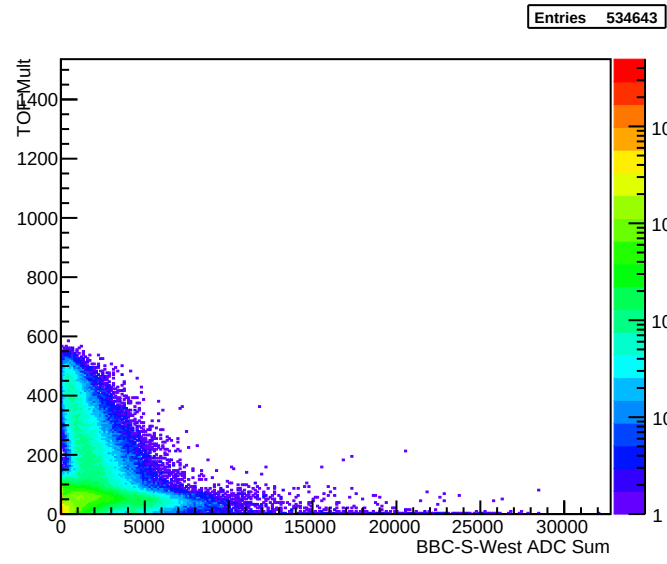

VT201 Input Ch4: VPD Tac Diff
Entries 534643
Tac

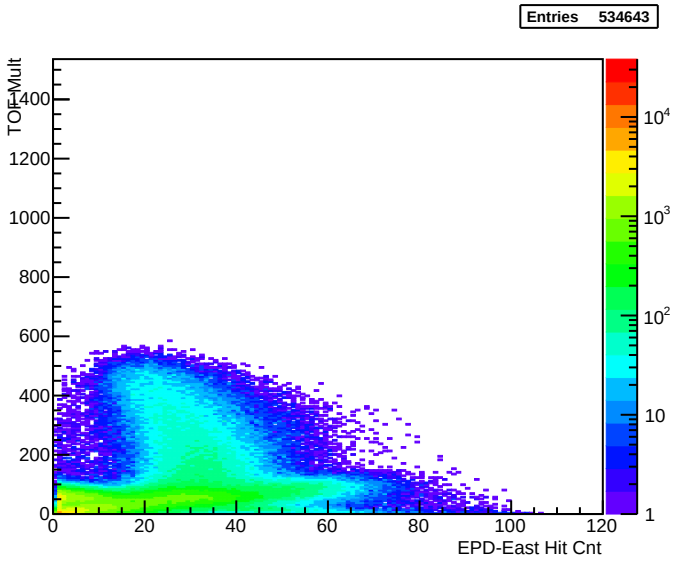

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

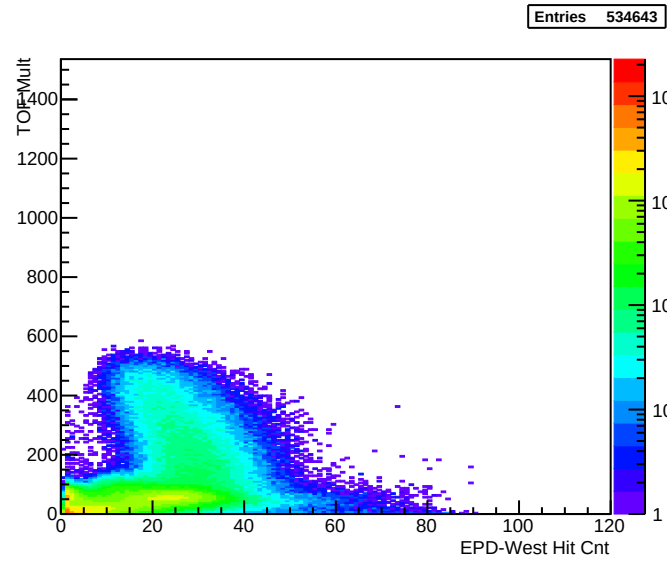

VT201 Input Ch4: VPD Adc Sum Th
Entries 1069286
341247
382497
193396
152146
East
West

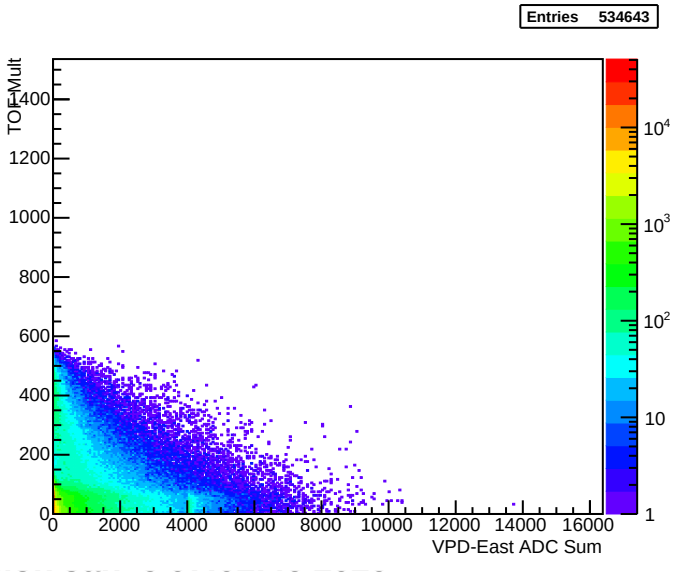

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

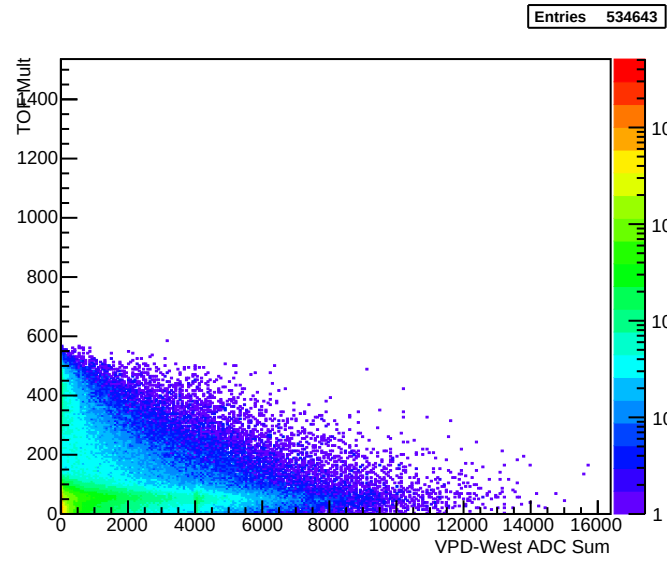

Entries 534643
TOF-Mult
BBC-S-East ADC Sum

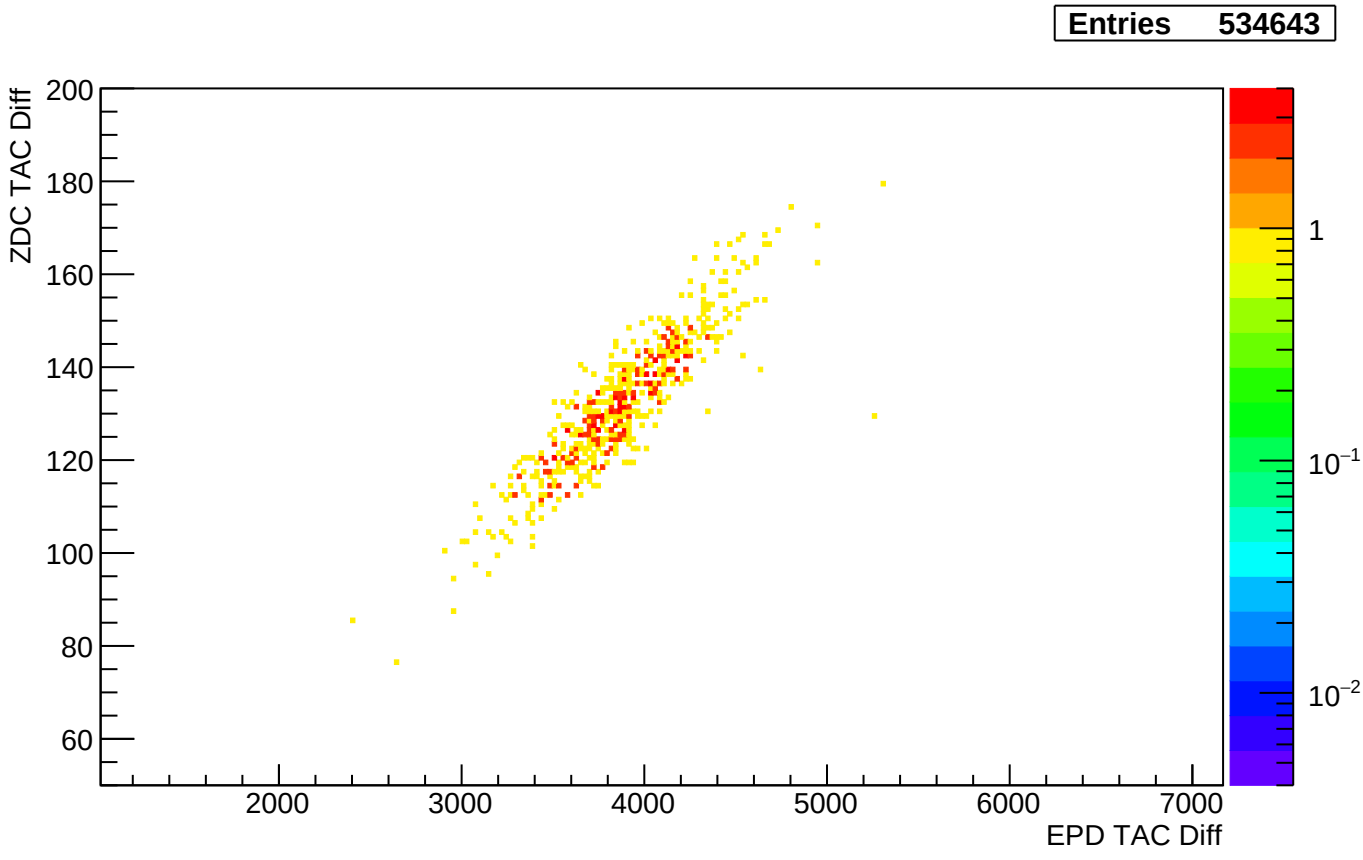

Entries 534643
TOF-Mult
BBC-S-West ADC Sum

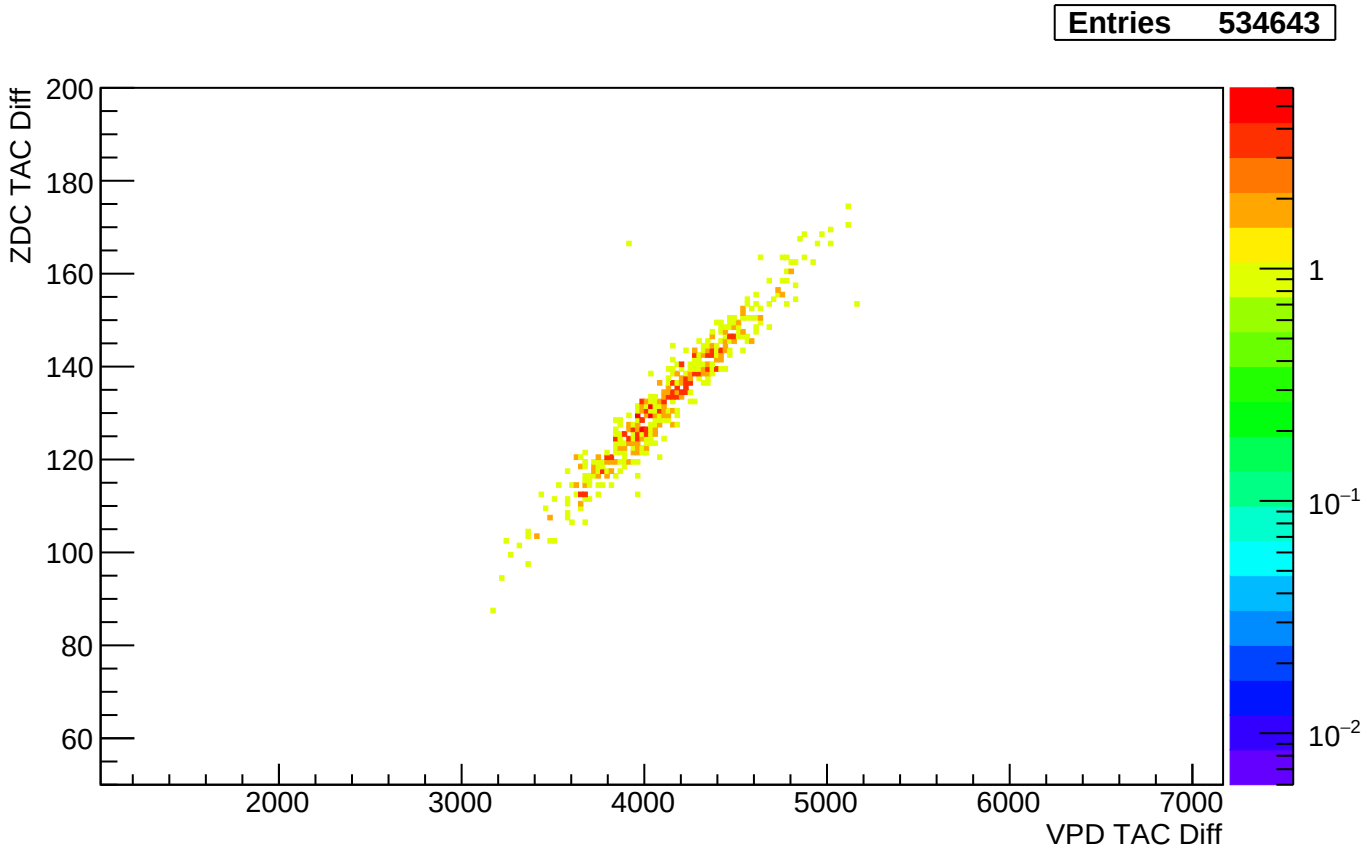

Entries 534643
TOF-Mult
EPD-East Hit Cnt

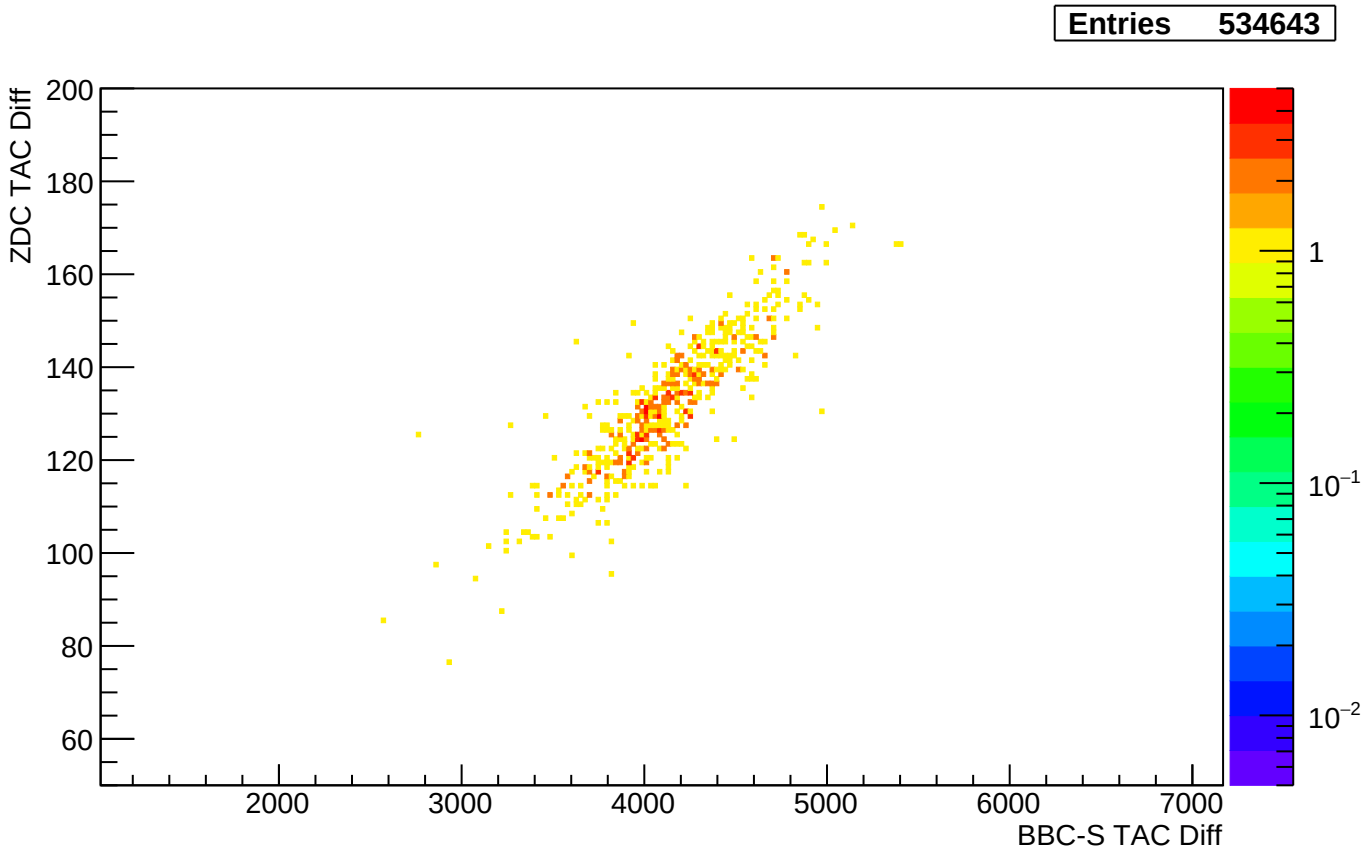

Entries 534643
TOF-Mult
EPD-West Hit Cnt

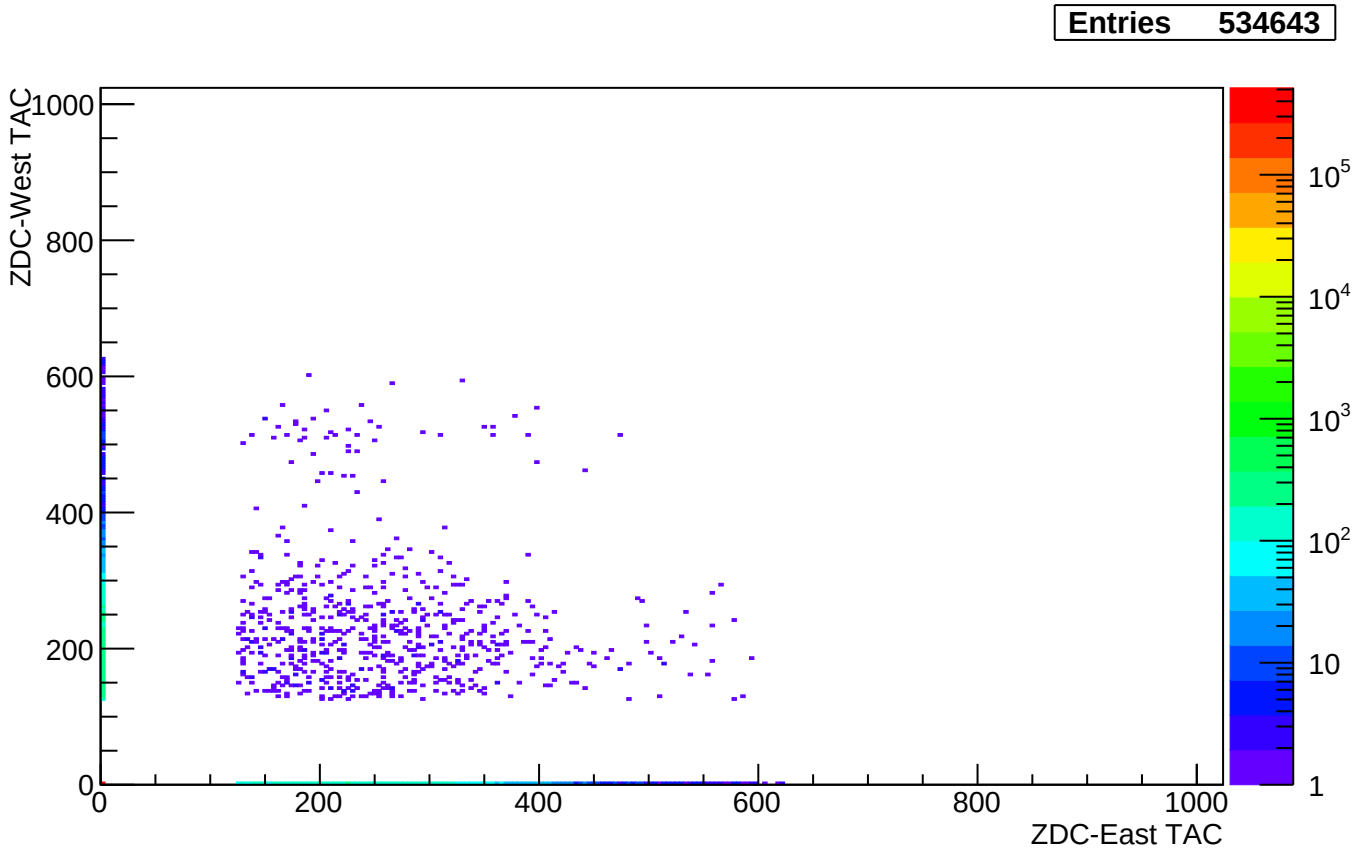

Entries 534643
TOF-Mult
VPD-East ADC Sum

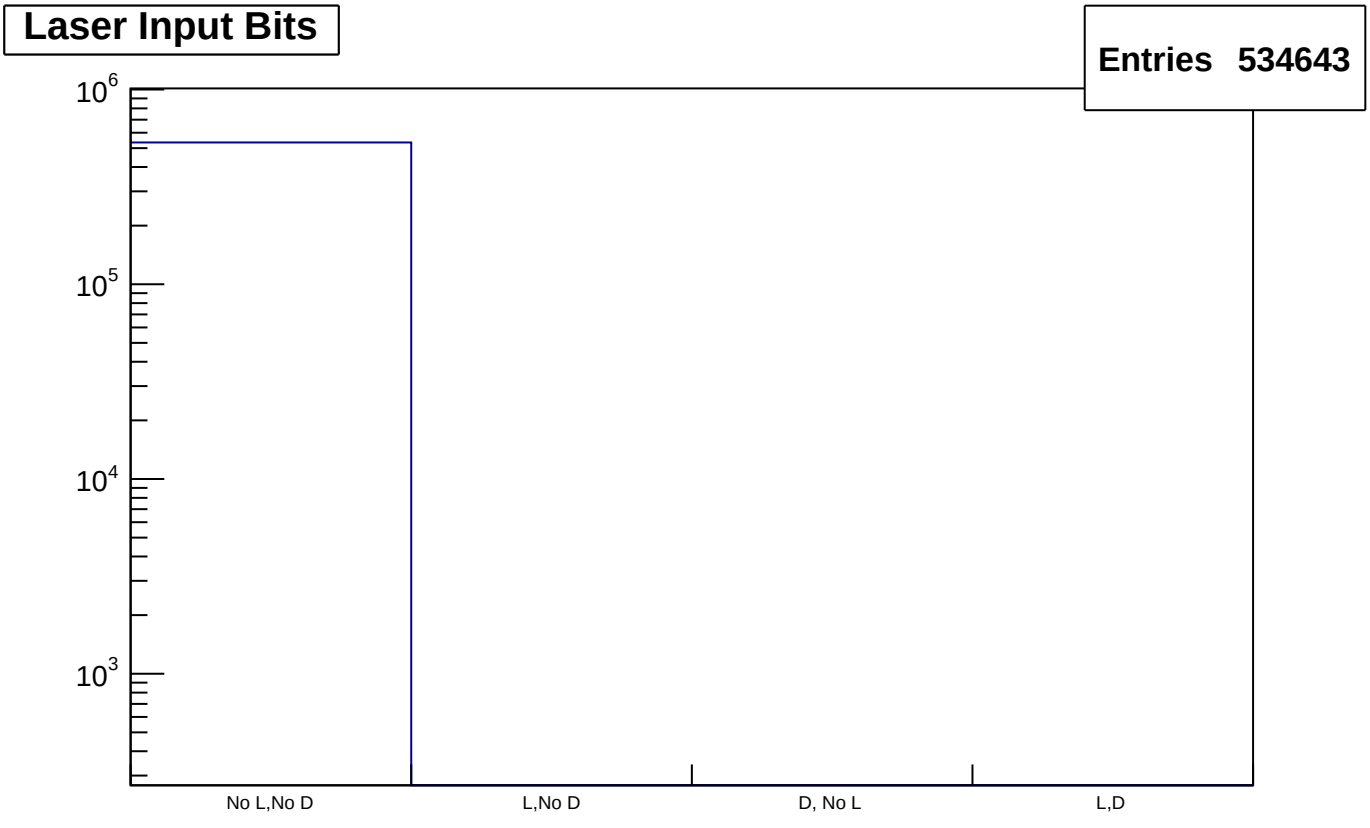

Entries 534643
TOF-Mult
VPD-West ADC Sum

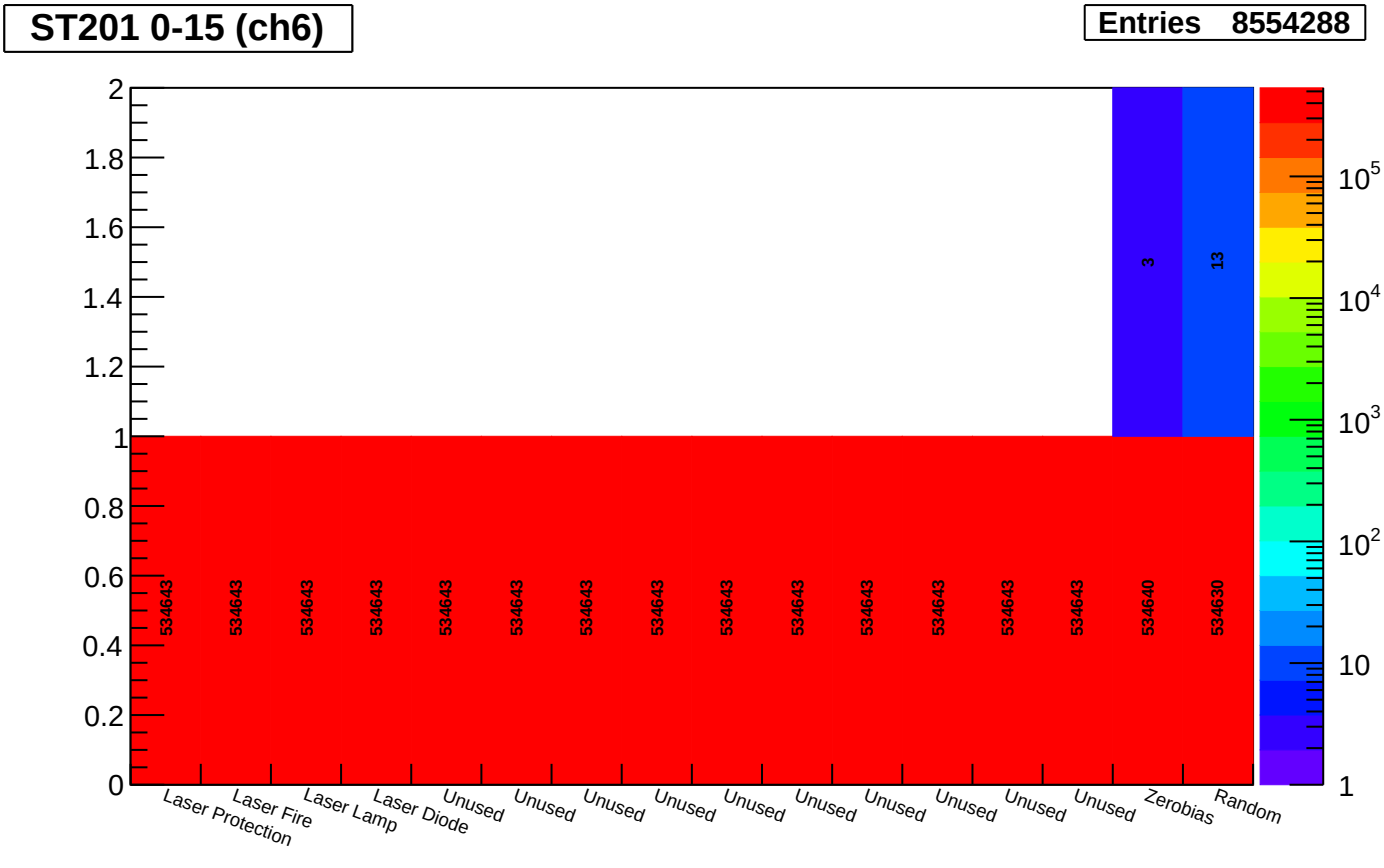

Entries 534643
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

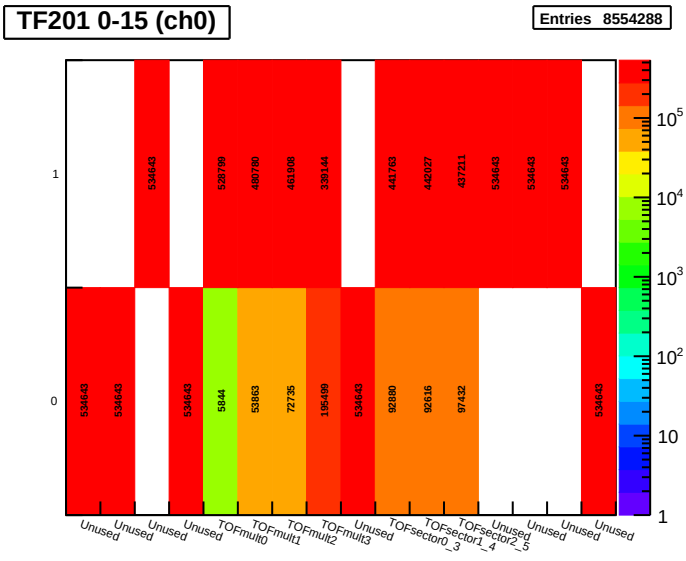

Entries 534643
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

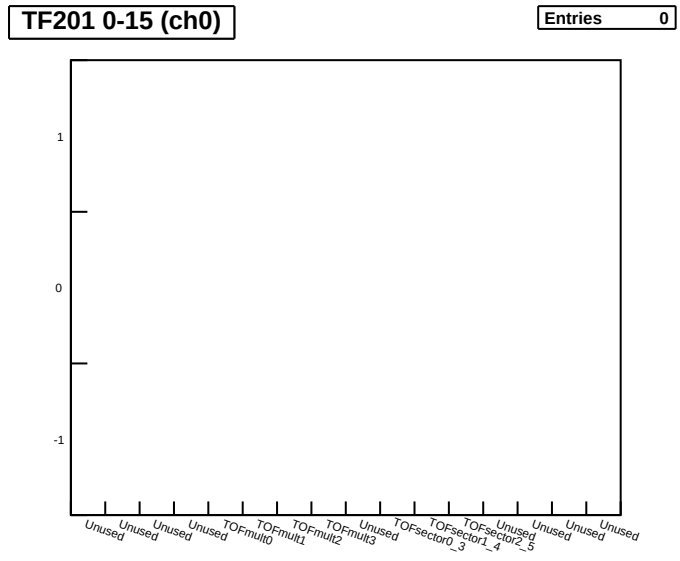

Entries 534643
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

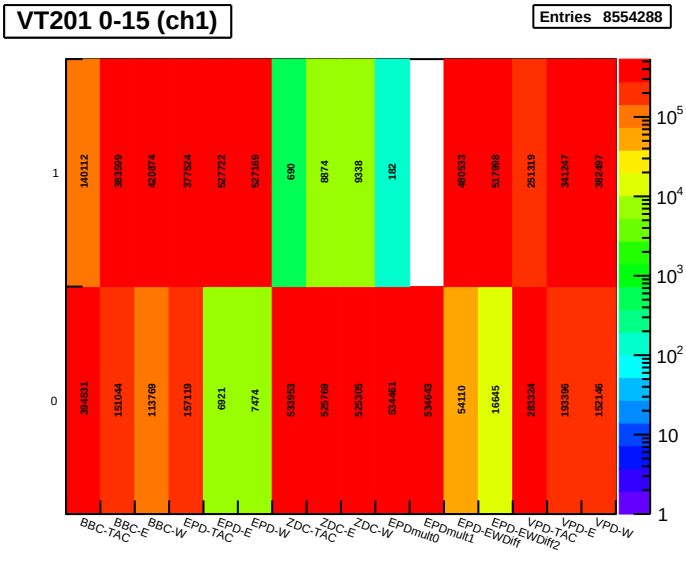

Entries 534643
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

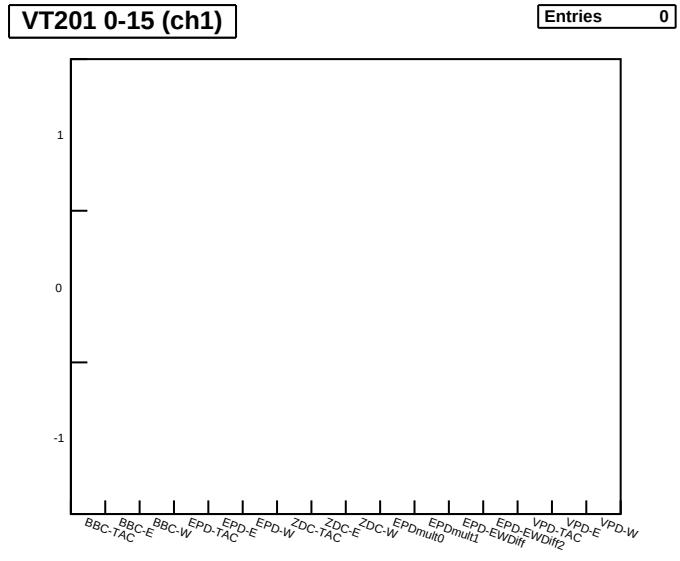

Laser Input Bits
Entries 534643
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

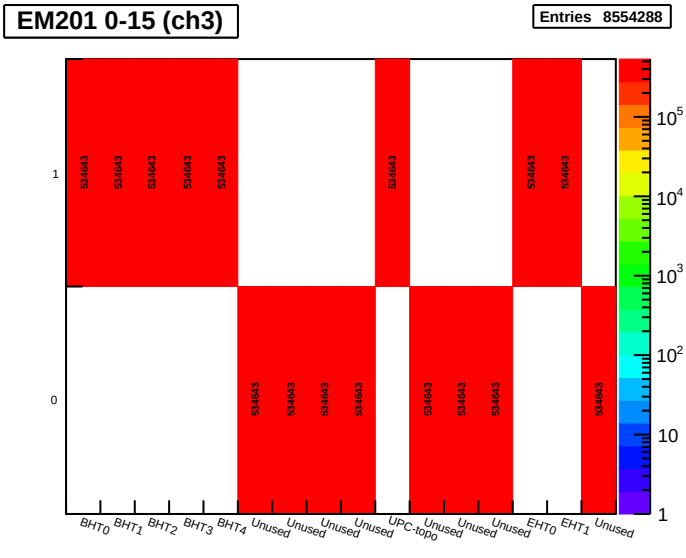

ST201 0-15 (ch6)
Entries 8554288
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
534643
534643
534643
534643
534643
534643
534643
534643
534643
534643
534643
534643
534643
534643
534640
534630
3
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

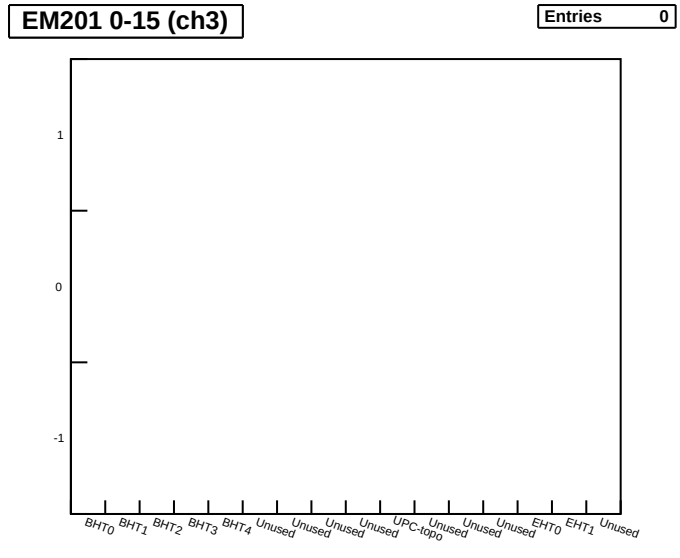

TF201 0-15 (ch0)
Entries 8554288
1
0
534643
528799
490780
461908
339144
441763
442027
437211
534643
534643
534643
534643
534643
5944
53863
72735
195499
534643
92880
92616
97432
534643
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8554288
1
0
140112
383599
420874
377524
527722
527169
690
8874
9338
182
480533
517998
251319
341247
382497
394531
151044
113769
157119
6921
7474
533953
525769
525305
534461
534643
54110
16645
288324
193396
152146
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 8554288
1
0
534643
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