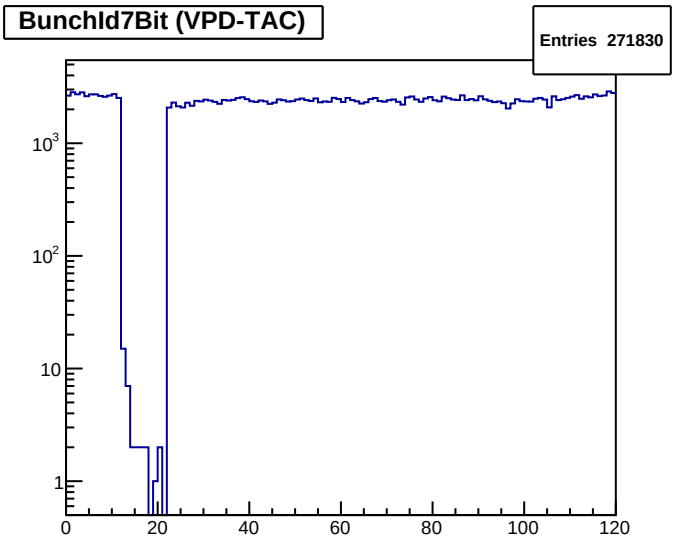
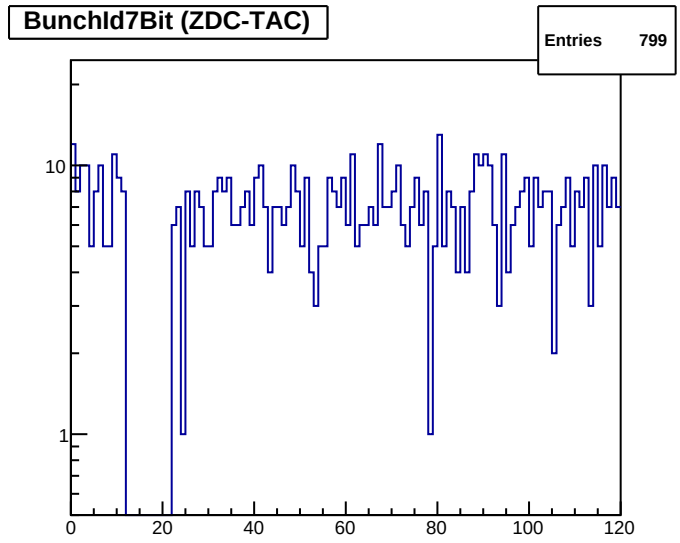
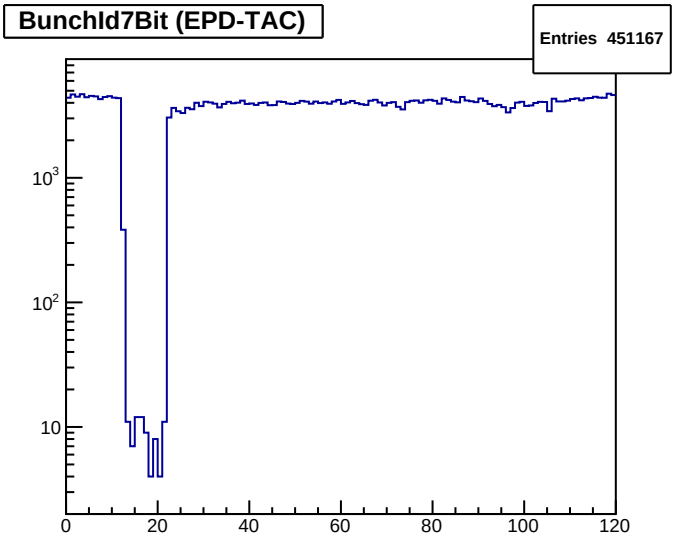
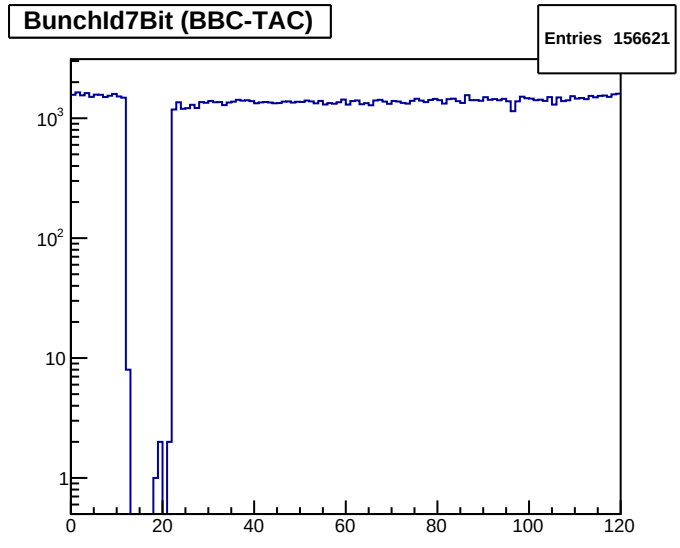
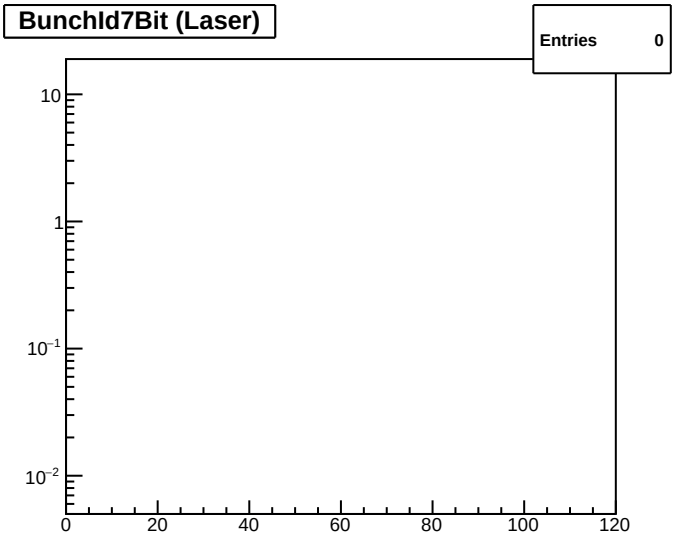
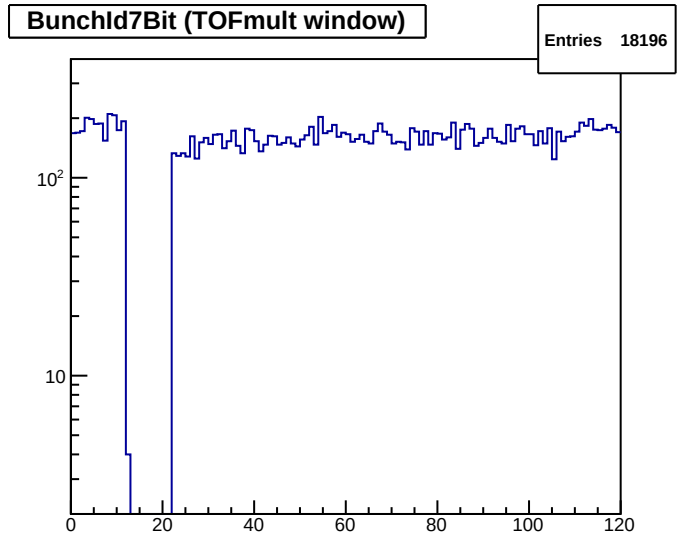

BunchId7Bit (VPD-TAC)
Entries 271830

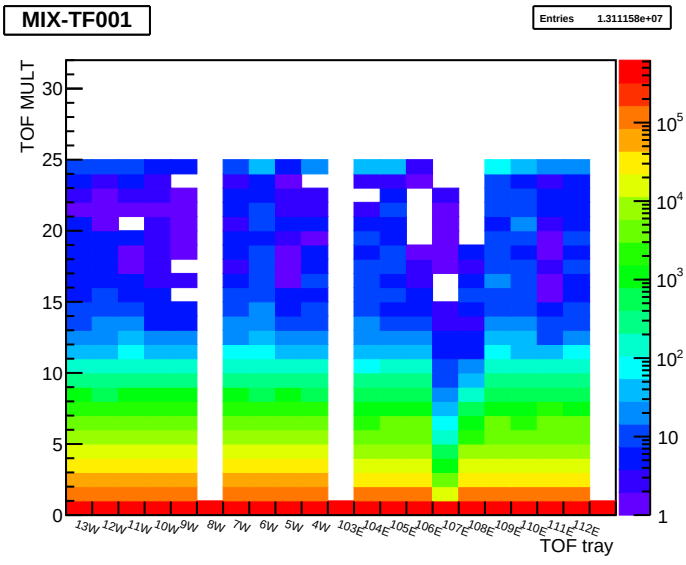

BunchId7Bit (ZDC-TAC)
Entries 799

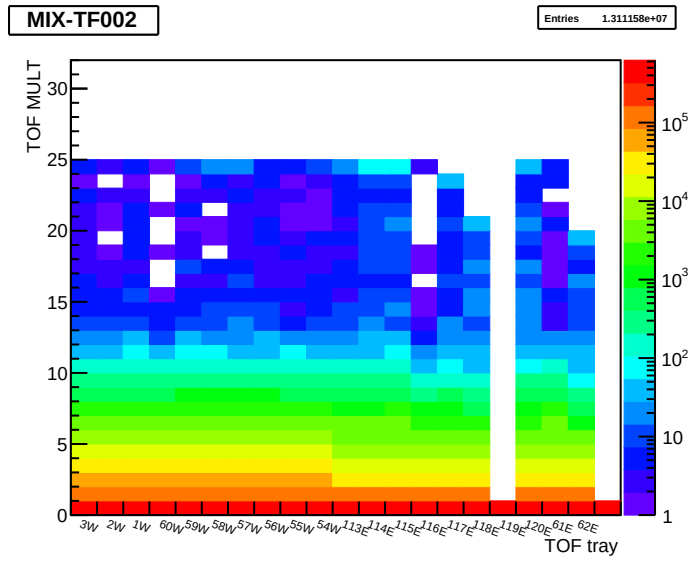

BunchId7Bit (EPD-TAC)
Entries 451167

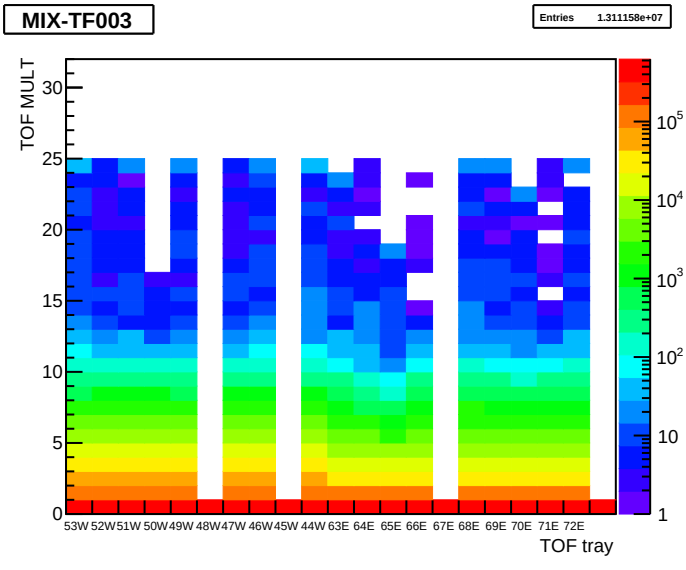

BunchId7Bit (BBC-TAC)
Entries 156621

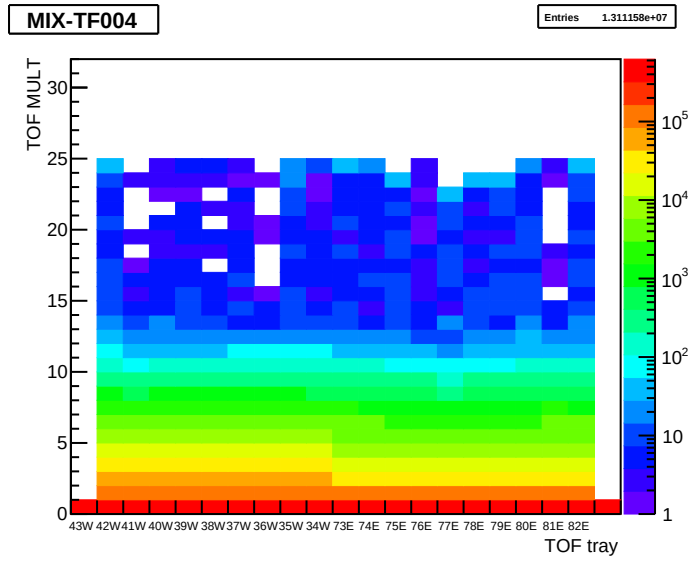

BunchId7Bit (Laser)
Entries 0

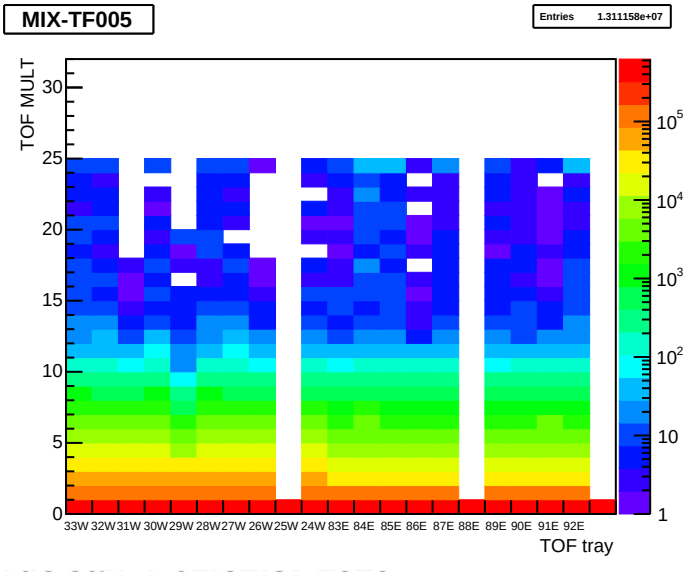

BunchId7Bit (TOFmult window)
Entries 18196

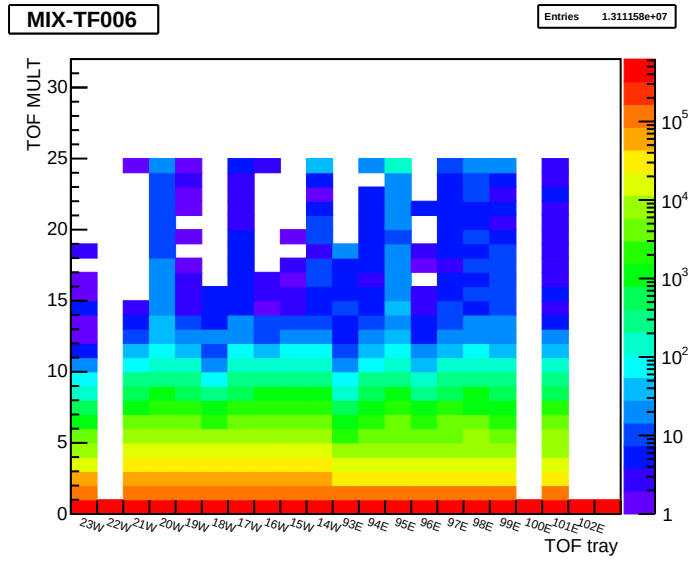

MIX-TF001
Entries 1.311158e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

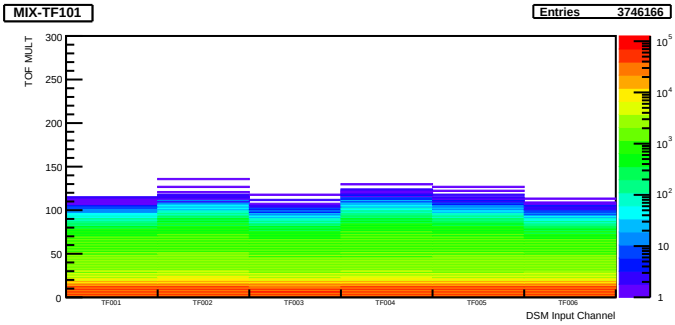

MIX-TF002
Entries 1.311158e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

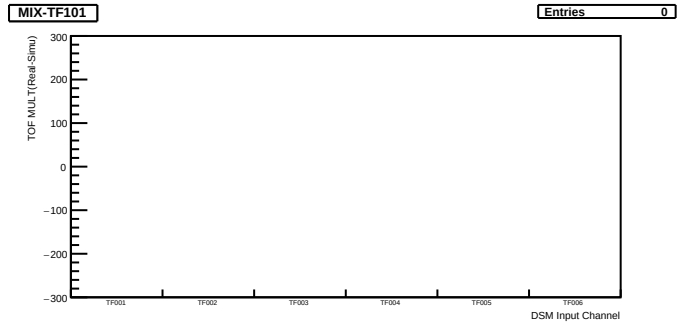

MIX-TF003
Entries 1.311158e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

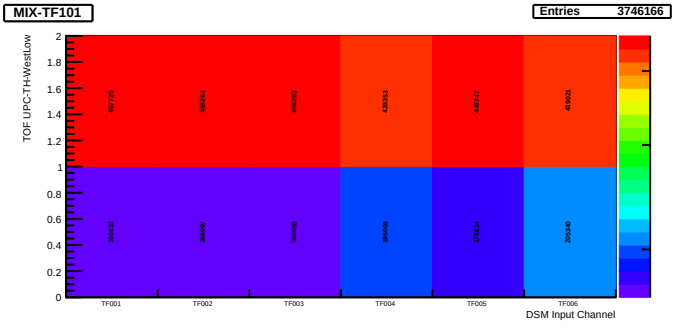

MIX-TF004
Entries 1.311158e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

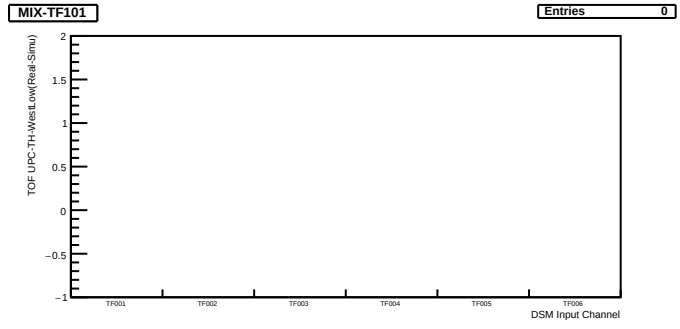

MIX-TF005
Entries 1.311158e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

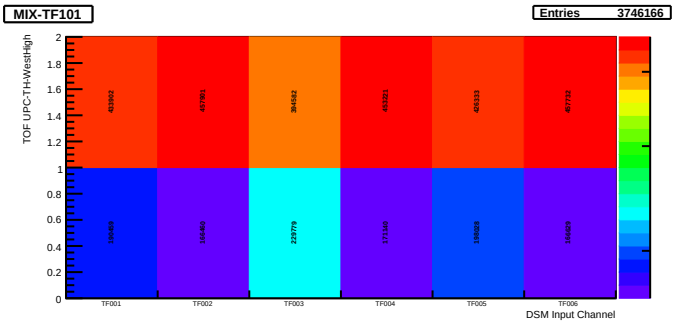

MIX-TF006
Entries 1.311158e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

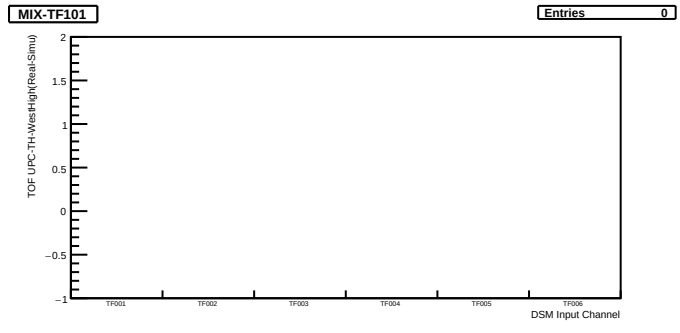

MIX-TF101
Entries 3746166
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

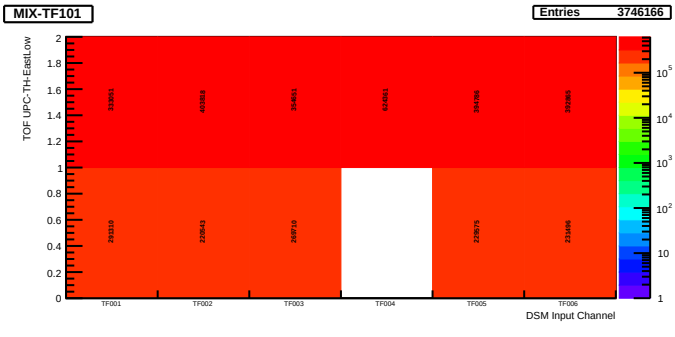

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

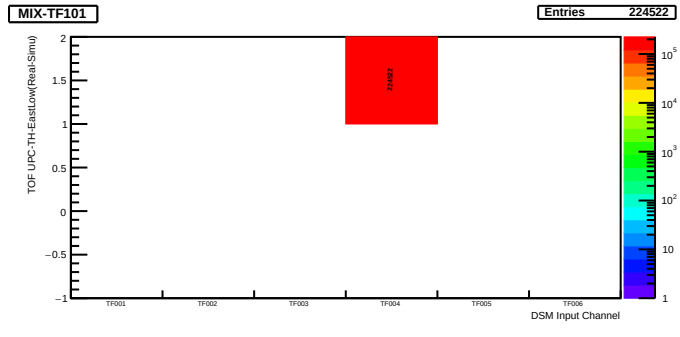

MIX-TF101
Entries 3746166
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

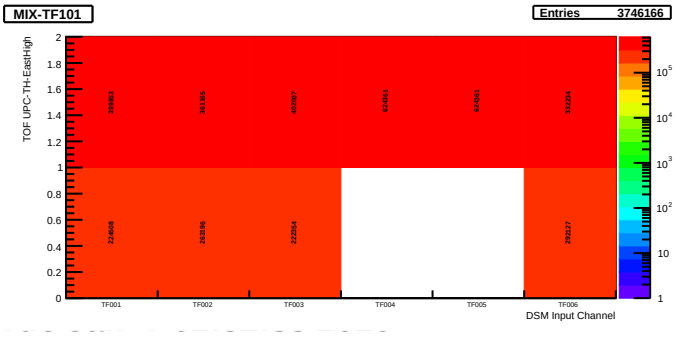

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

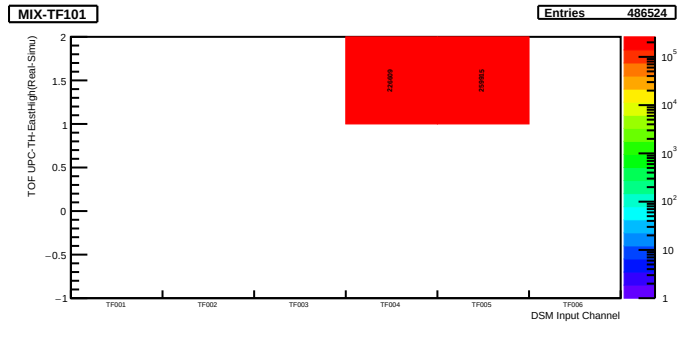

MIX-TF101
Entries 3746166
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

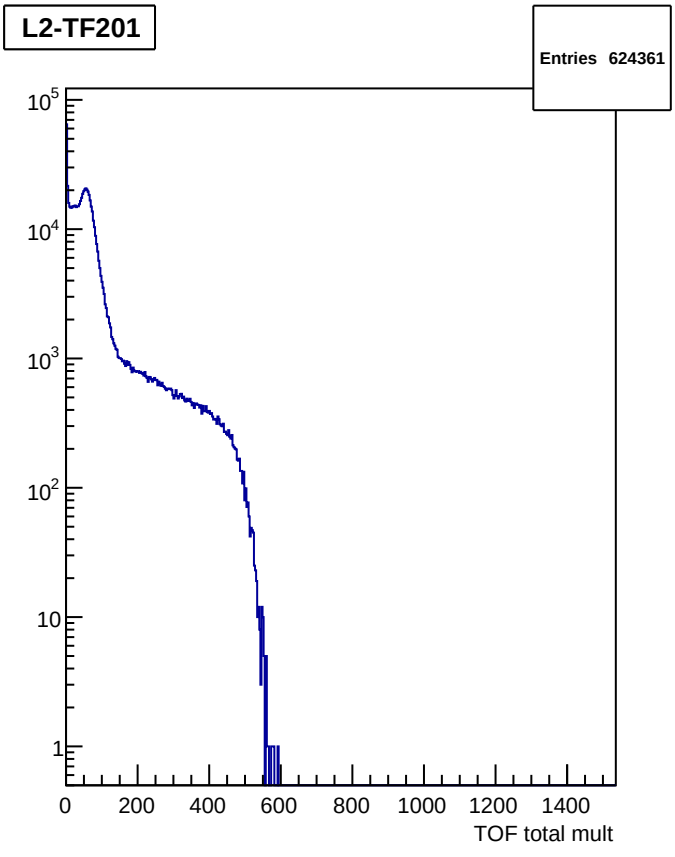

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

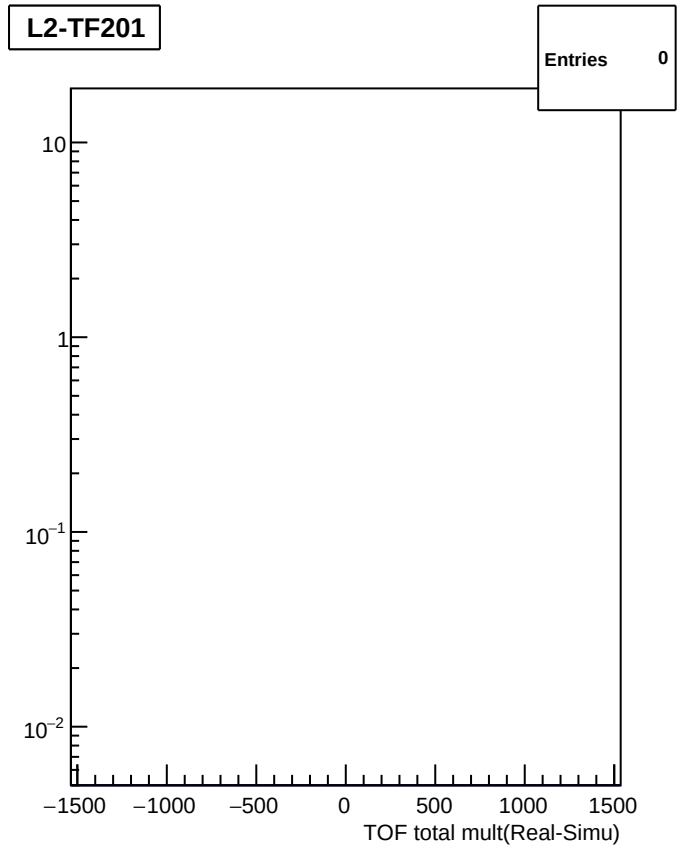

MIX-TF101
Entries 3746166
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

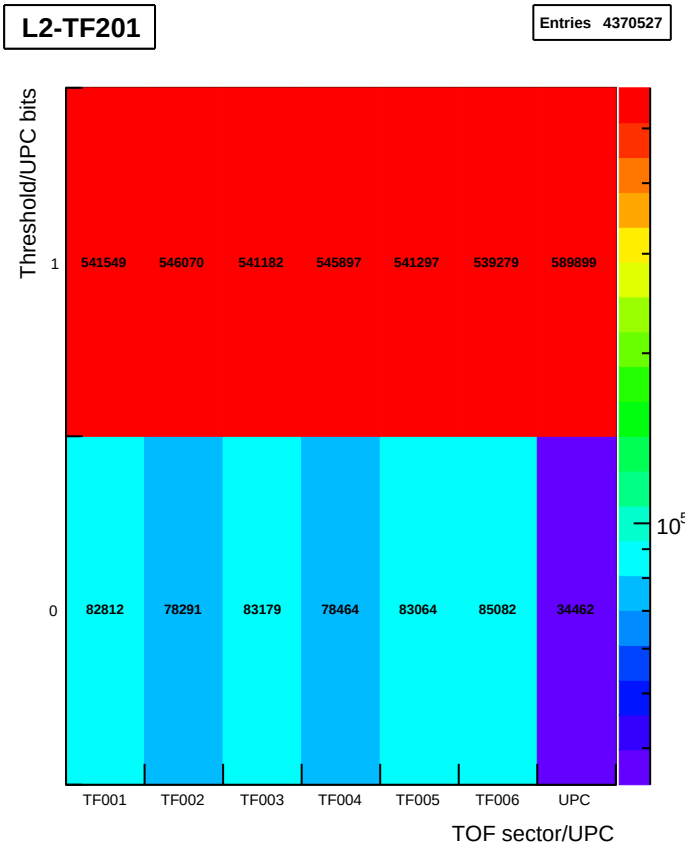

MIX-TF101
Entries 224522
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

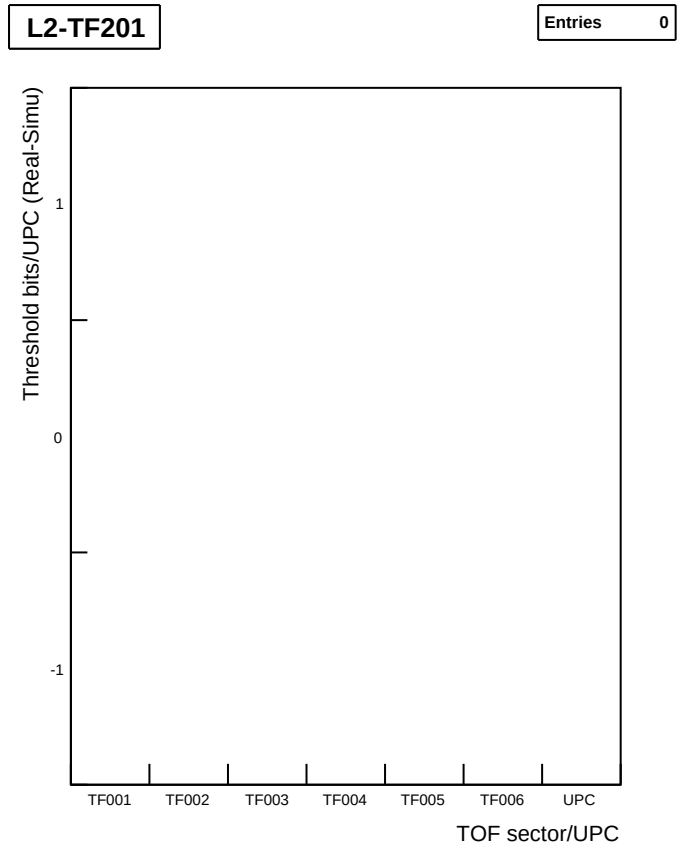

MIX-TF101
Entries 3746166
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

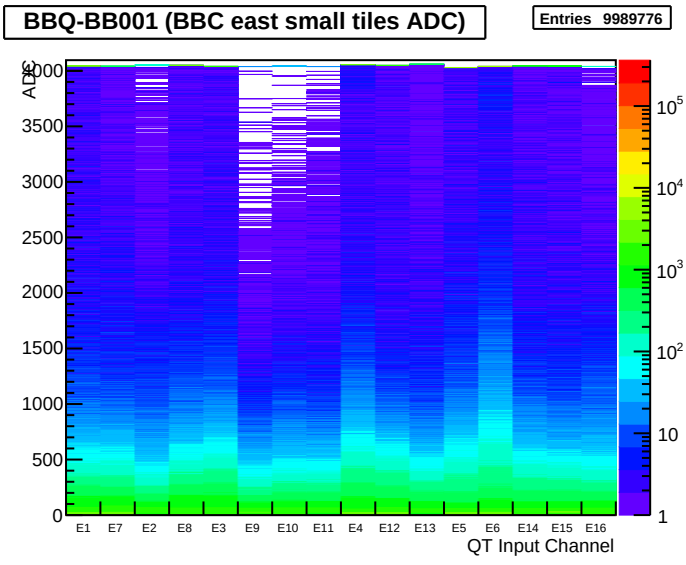

MIX-TF101
Entries 486524
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

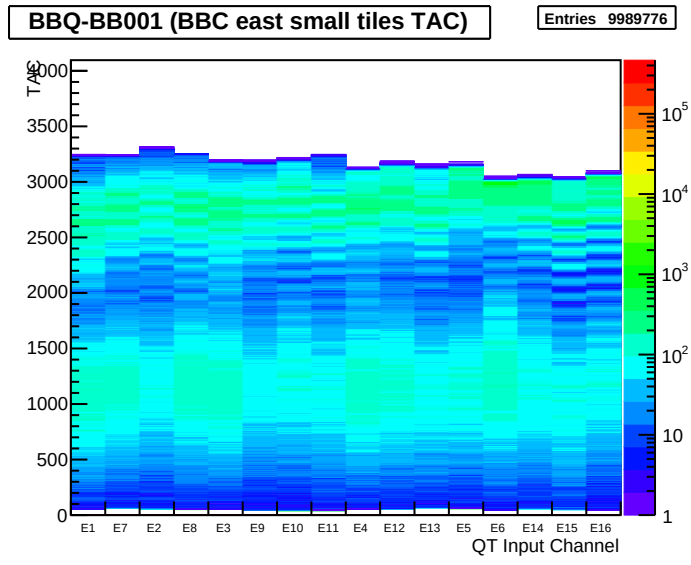

L2-TF201
Entries 624361
TOF total mult

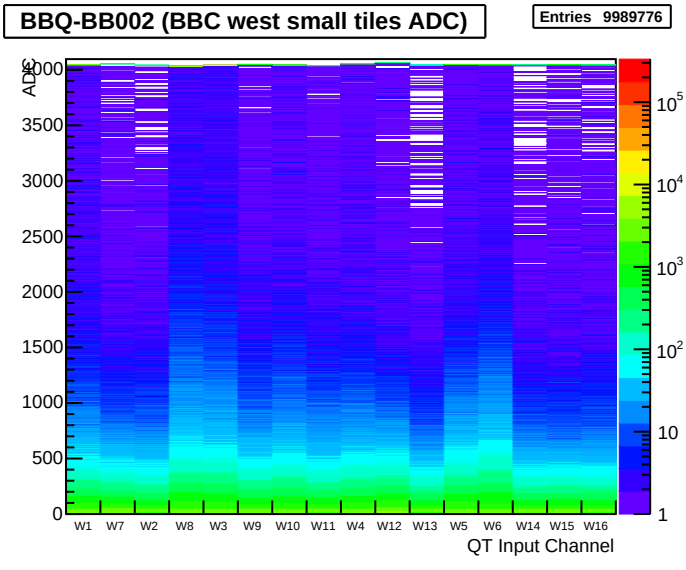

L2-TF201
Entries 0
TOF total mult(Real-Simu)

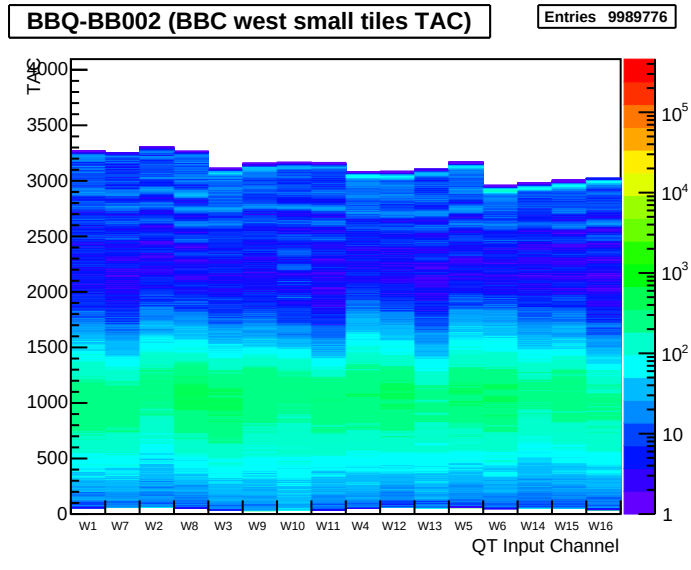

L2-TF201
Entries 4370527
Threshold/UPC bits
541549
546070
541182
545897
541297
539279
589899
82812
78291
83179
78464
83064
85082
34462
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

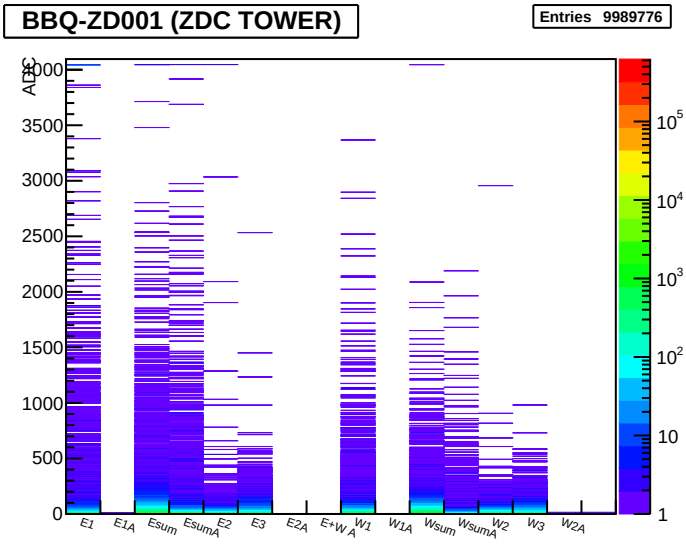

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

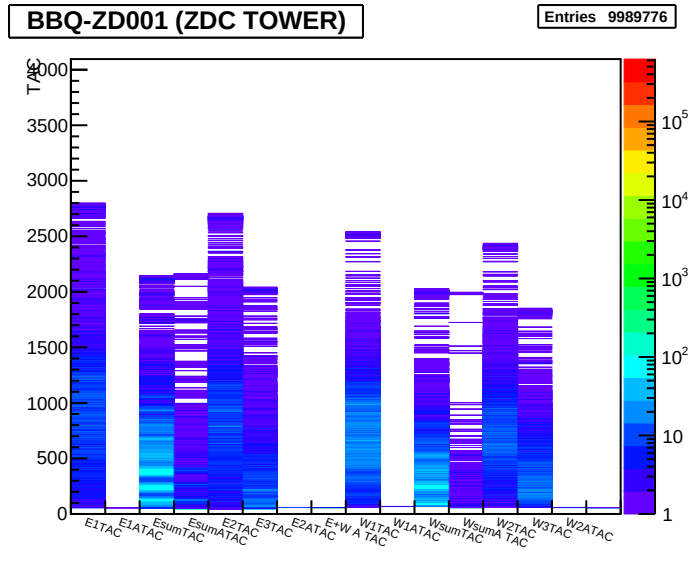

BBQ-BB001 (BBC east small tiles ADC)
Entries 9989776
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

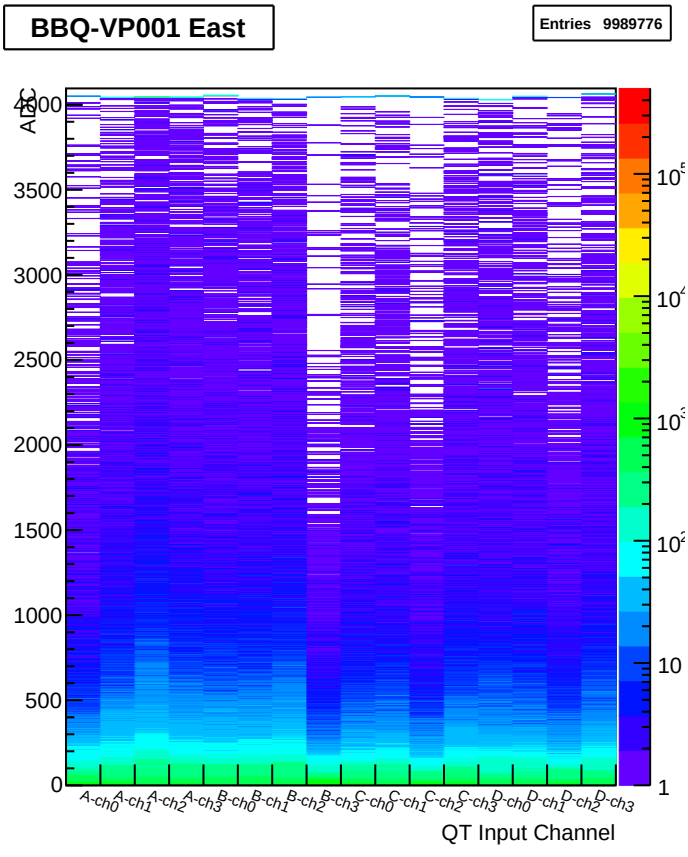

BBQ-BB001 (BBC east small tiles TAC)
Entries 9989776
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

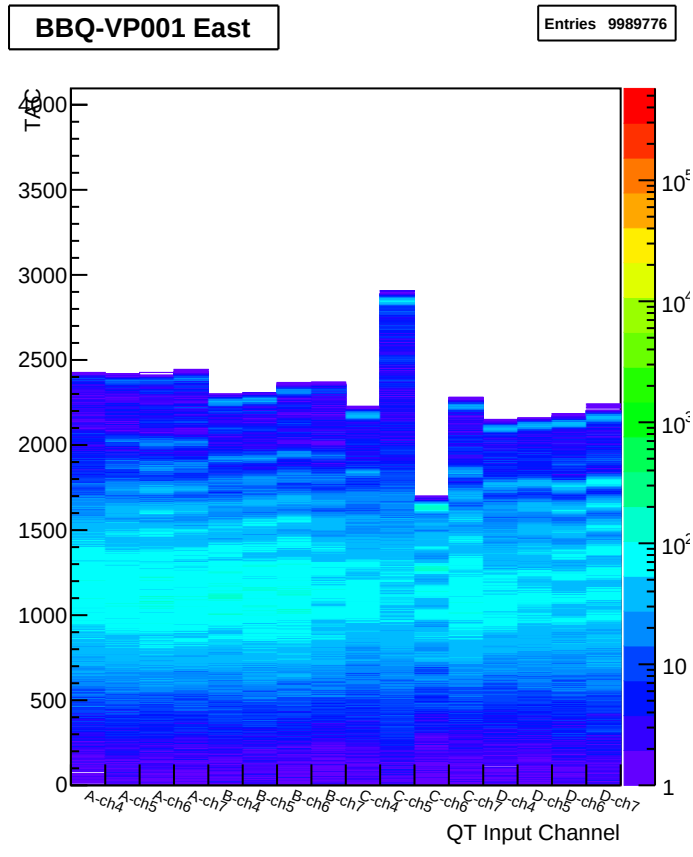

BBQ-BB002 (BBC west small tiles ADC)
Entries 9989776
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

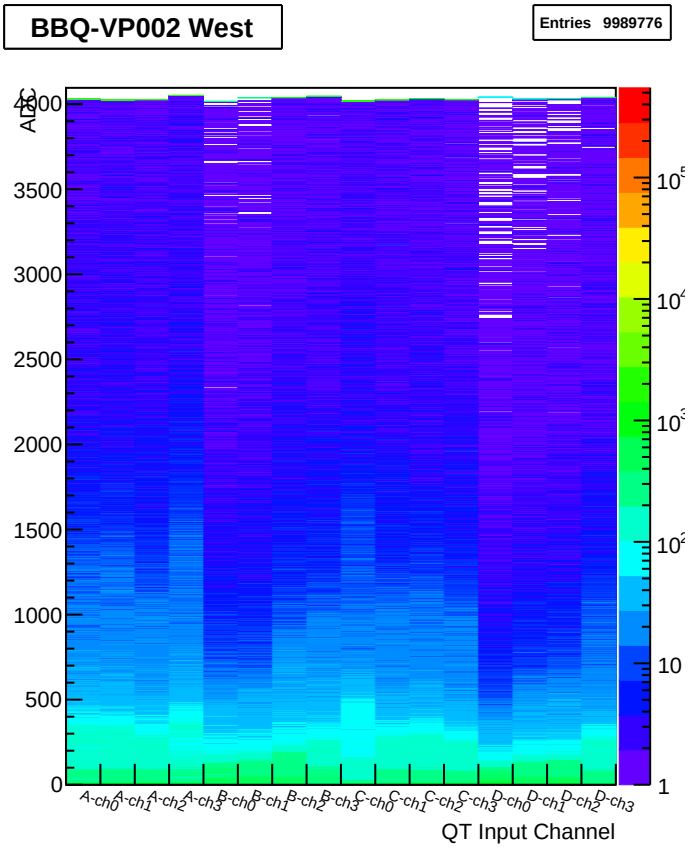

BBQ-BB002 (BBC west small tiles TAC)
Entries 9989776
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

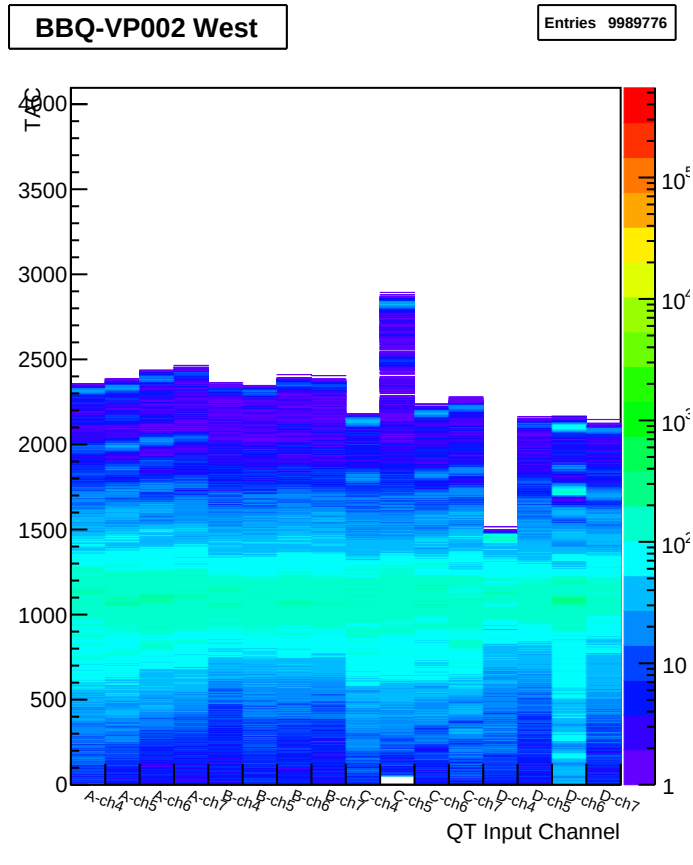

BBQ-ZD001 (ZDC TOWER)
Entries 9989776
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

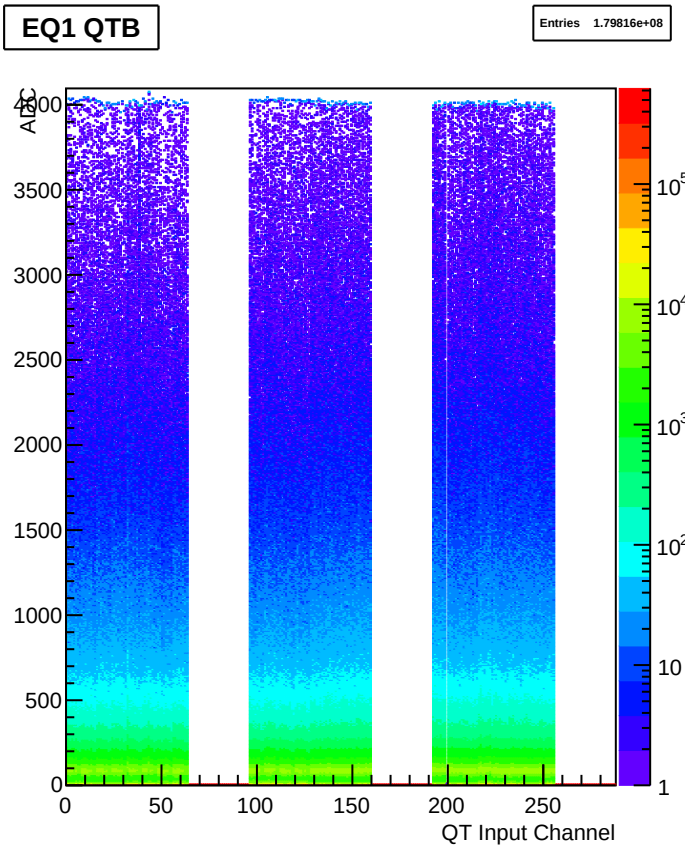

BBQ-ZD001 (ZDC TOWER)
Entries 9989776
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

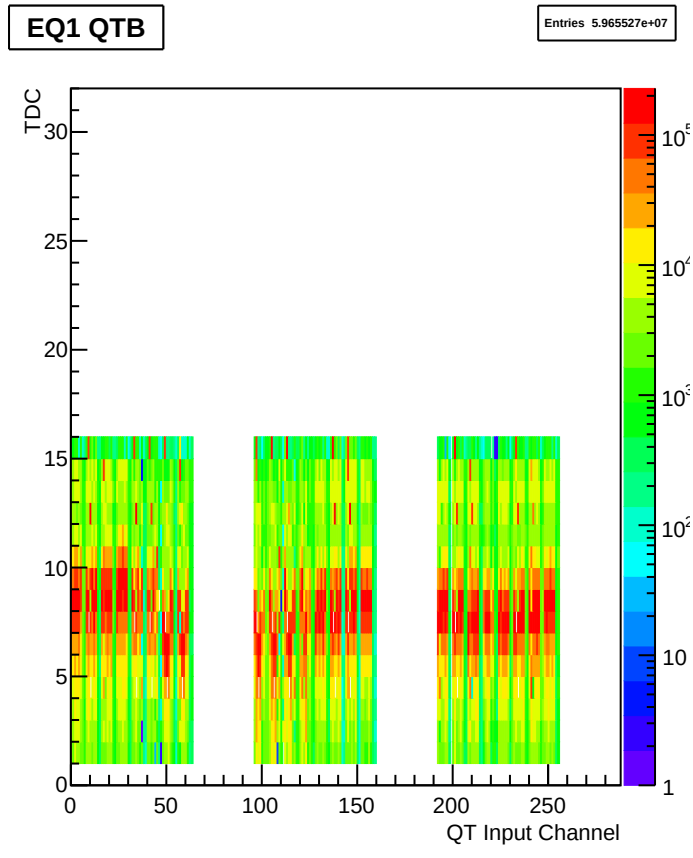

BBQ-VP001 East
Entries 9989776
ADC
QT Input Channel

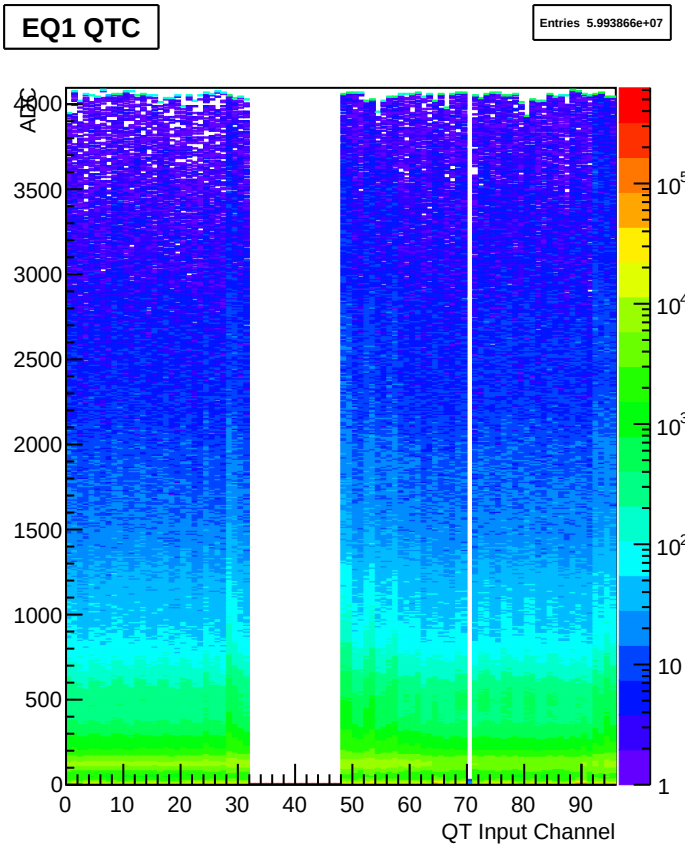

BBQ-VP001 East
Entries 9989776
ADC
QT Input Channel

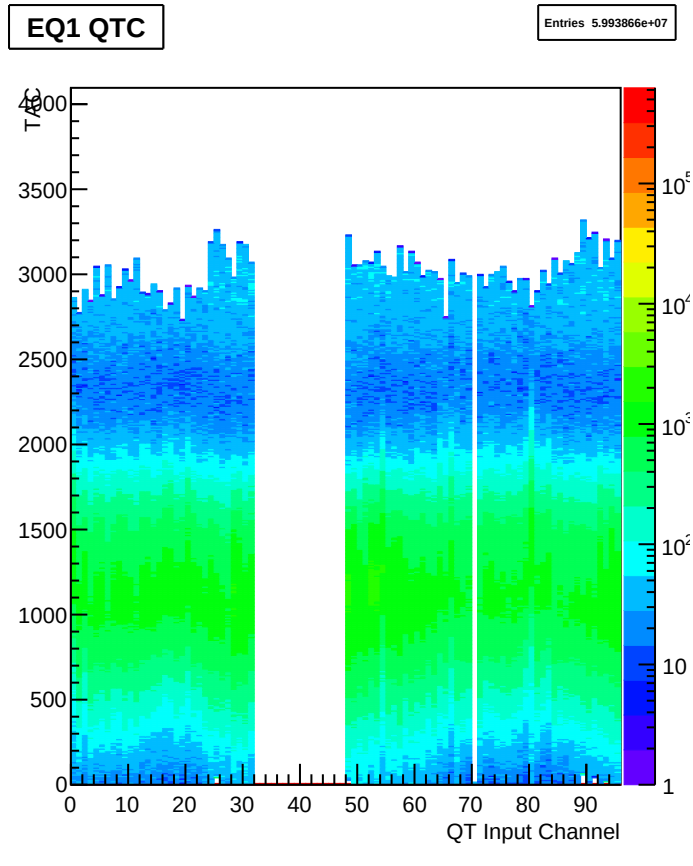

BBQ-VP002 West
Entries 9989776
ADC
QT Input Channel

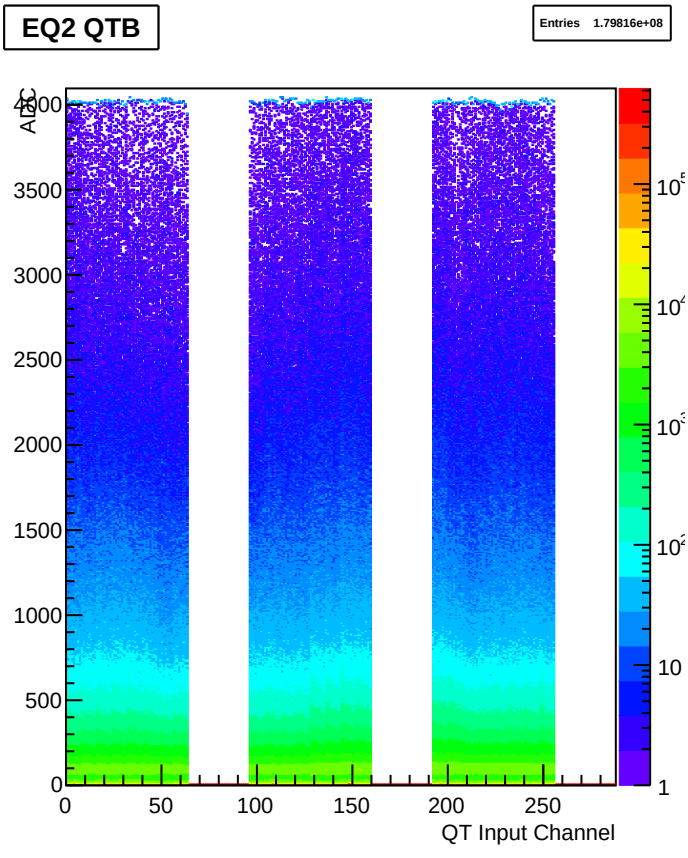

BBQ-VP002 West
Entries 9989776
ADC
QT Input Channel

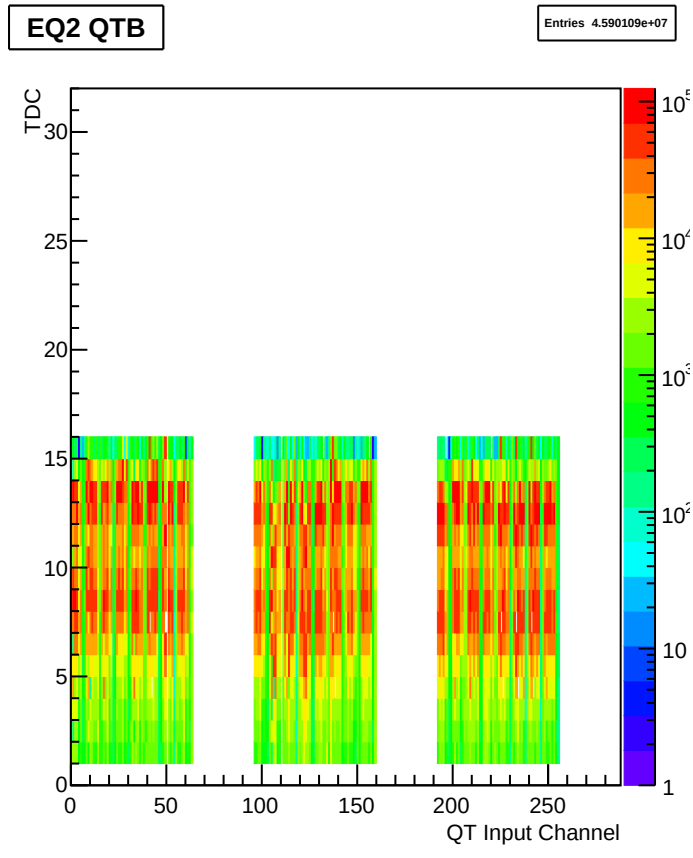

EQ1 QTB
Entries 1.79816e+08
ADC
QT Input Channel

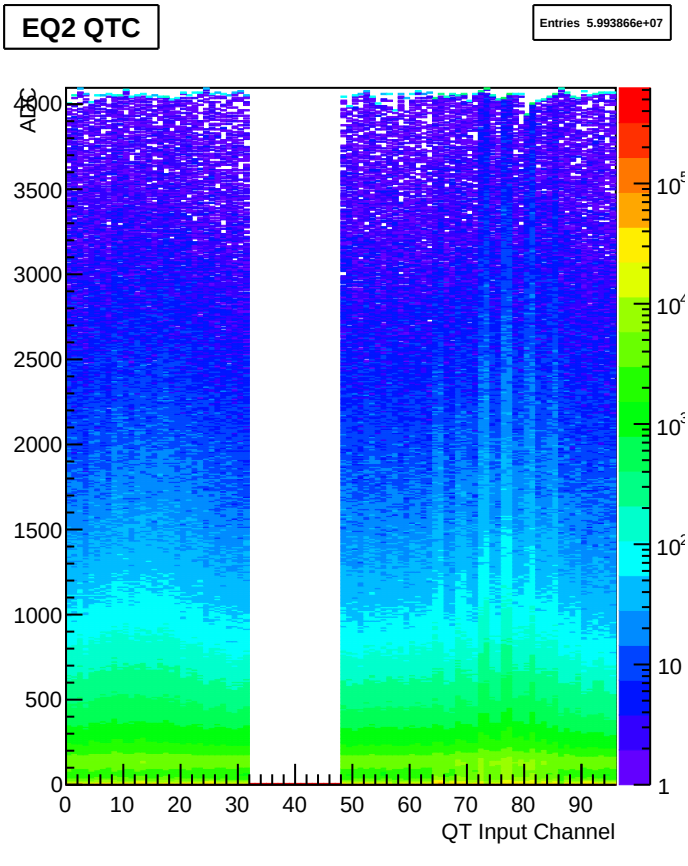

EQ1 QTB
Entries 5.965527e+07
TDC
QT Input Channel

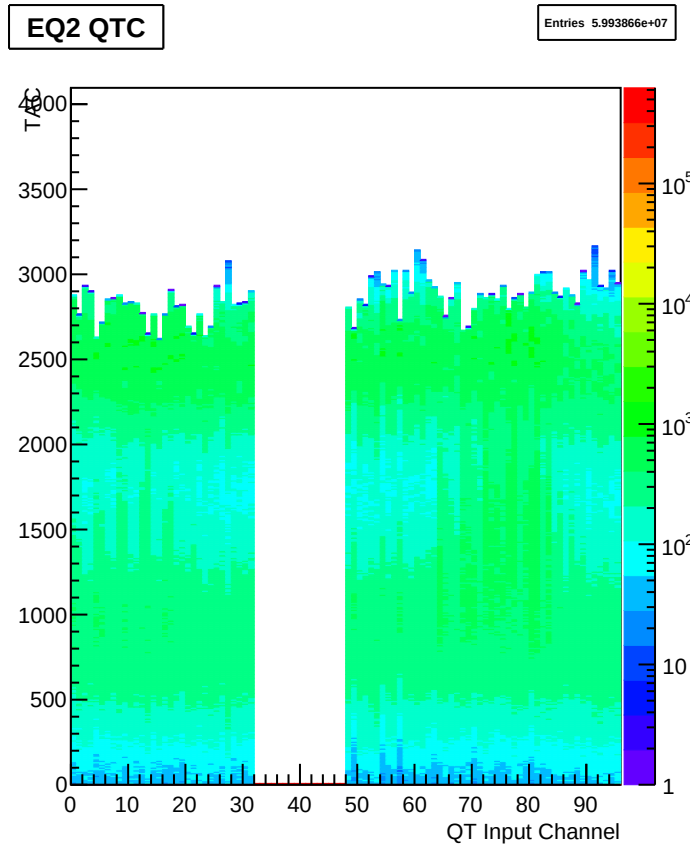

EQ1 QTC
Entries 5.993866e+07
ADC
QT Input Channel

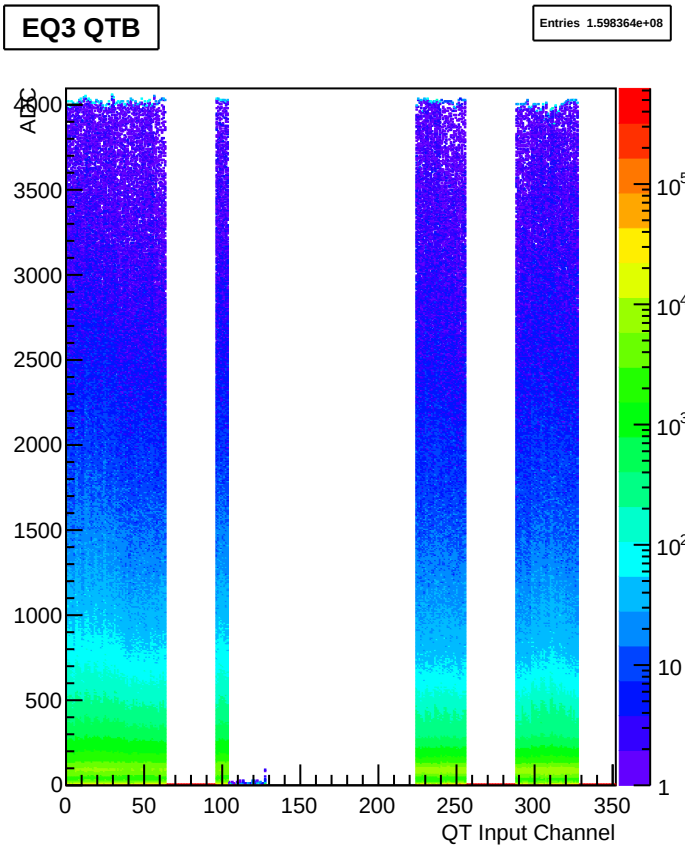

EQ1 QTC
Entries 5.993866e+07
TADC
QT Input Channel

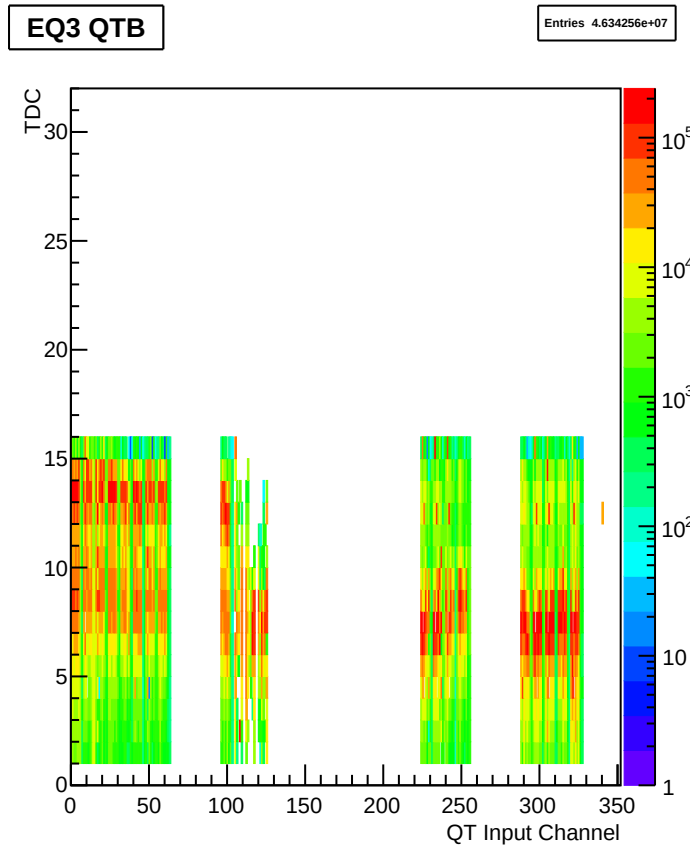

EQ2 QTB
Entries 1.79816e+08
ADC
QT Input Channel

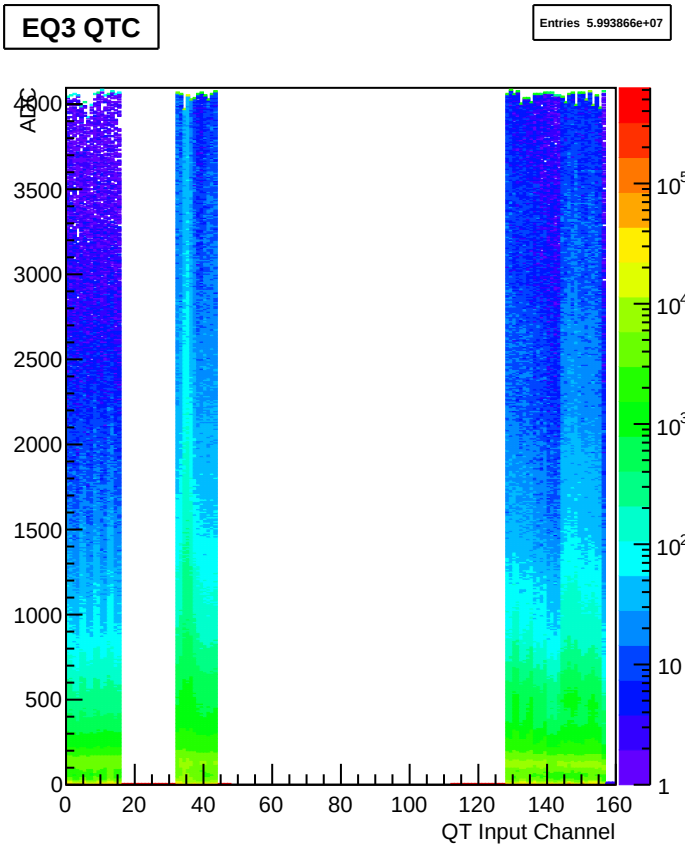

EQ2 QTB
Entries 4.590109e+07
TDC
QT Input Channel

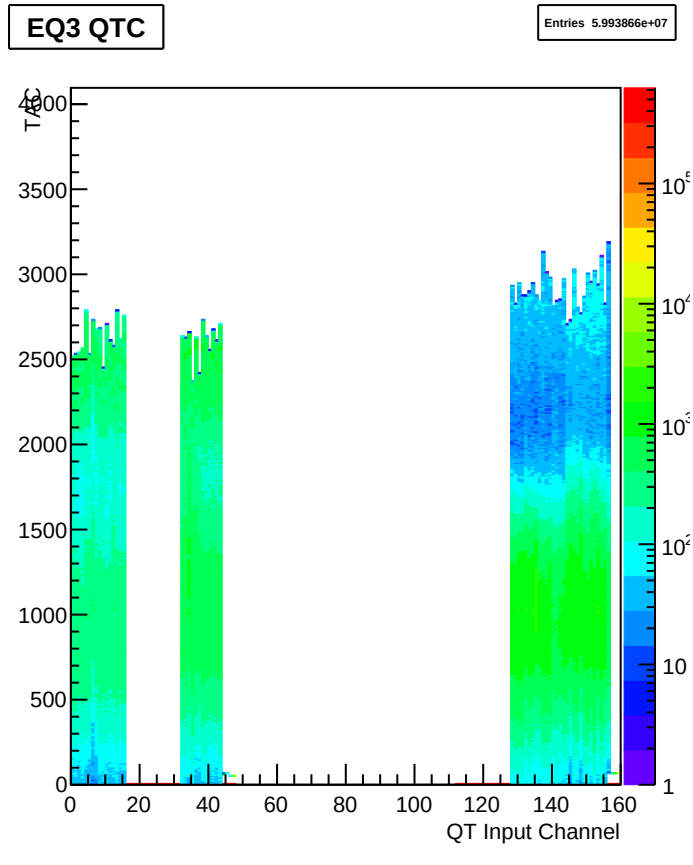

EQ2 QTC
Entries 5.993866e+07
ADC
QT Input Channel

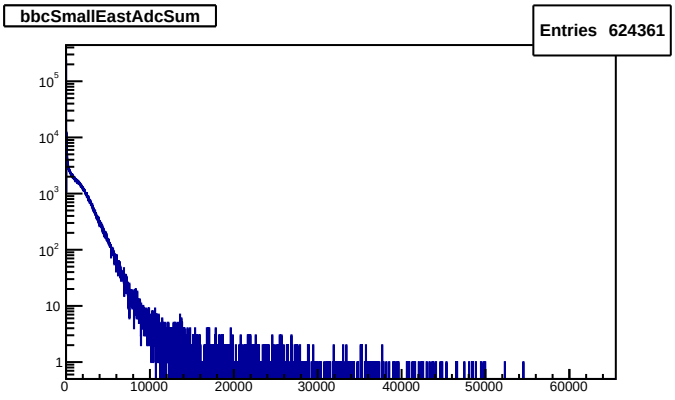

EQ2 QTC
Entries 5.993866e+07
TADC
QT Input Channel

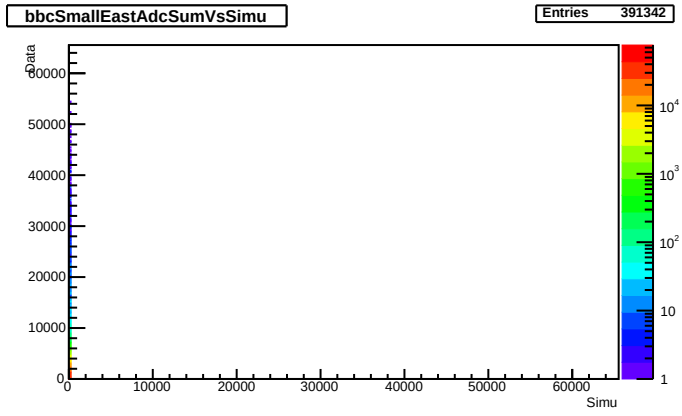

EQ3 QTB
Entries 1.598364e+08
ADC
QT Input Channel

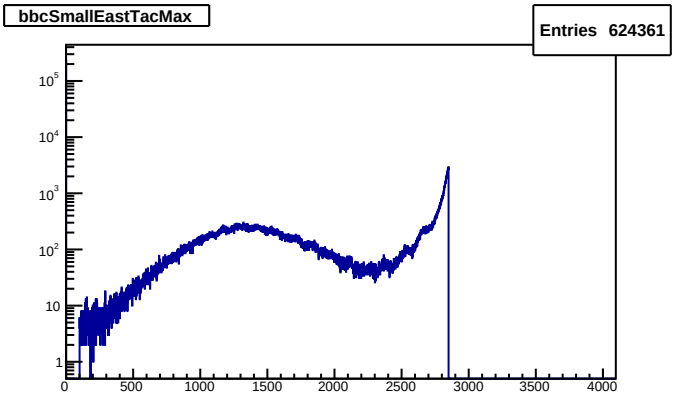

EQ3 QTB
Entries 4.634256e+07
TDC
QT Input Channel

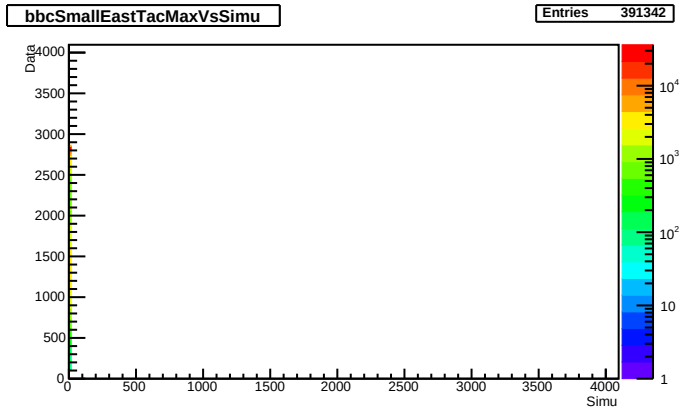

EQ3 QTC
Entries 5.993866e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.993866e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 624361


bbcSmallEastAdcSumVsSimu
Entries 391342
Data
Simu


bbcSmallEastTacMax
Entries 624361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Entries 391342
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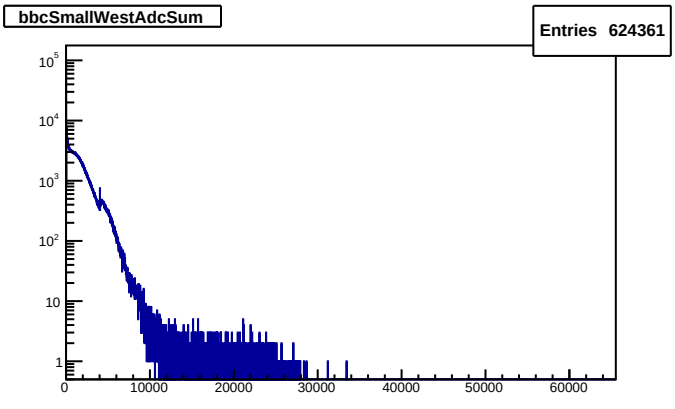
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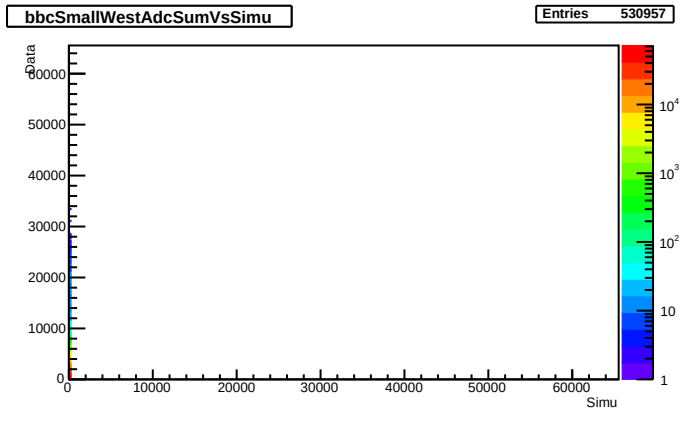
Entries 624361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Entries 530957
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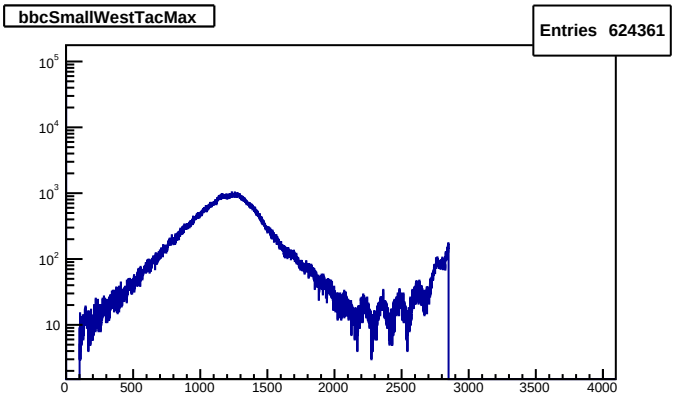
Simu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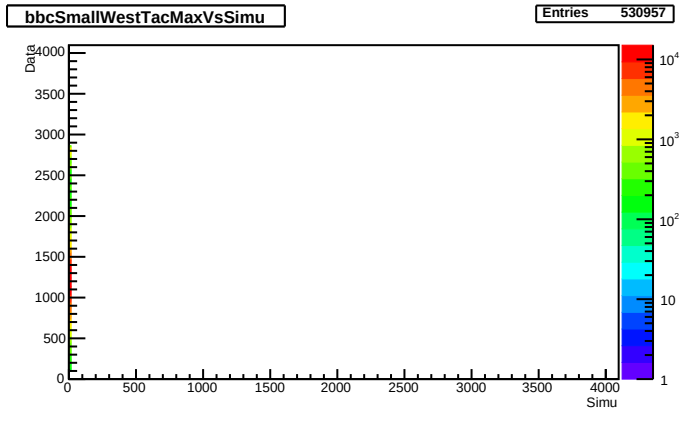
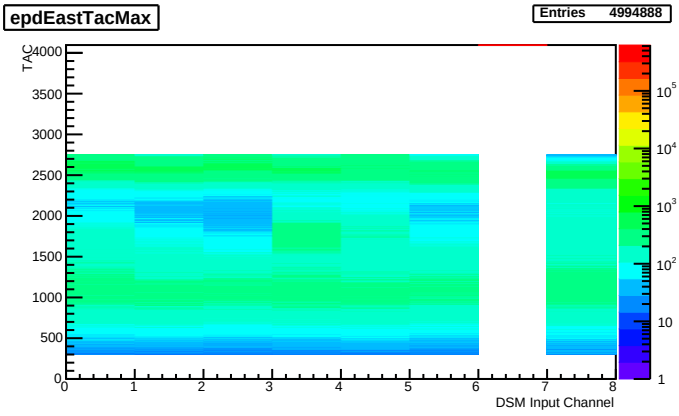
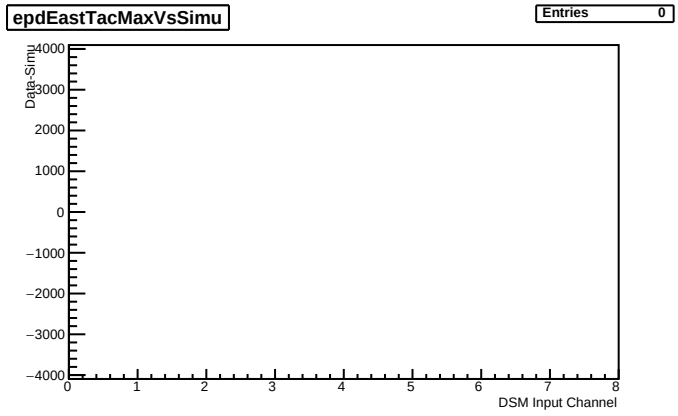
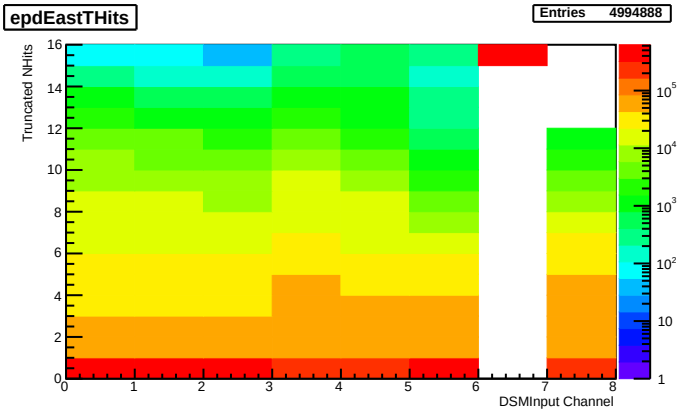
Entries 624361


bbcSmallWestTacMaxVsSimu
Entries 530957
Data
Simu


epdEastTacMax
Entries 4994888
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 4994888
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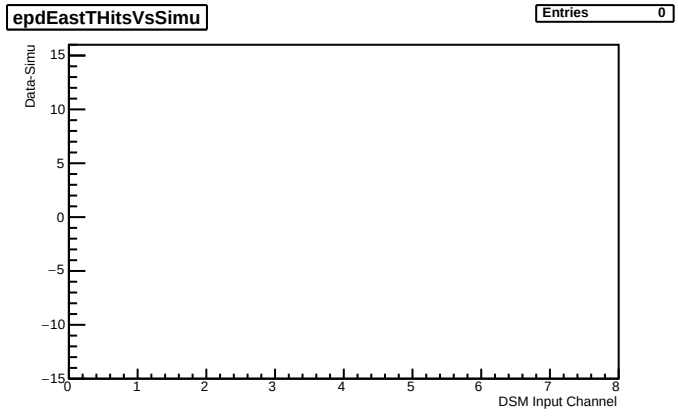
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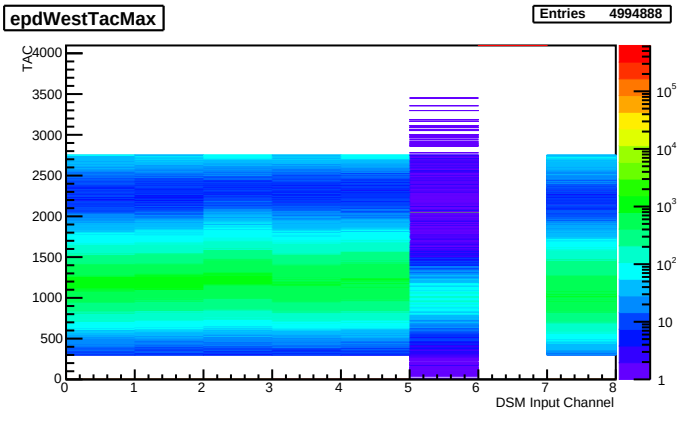
DSM Input Channel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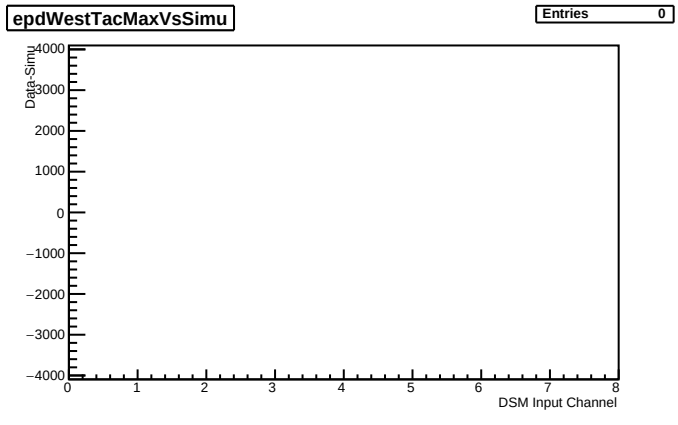
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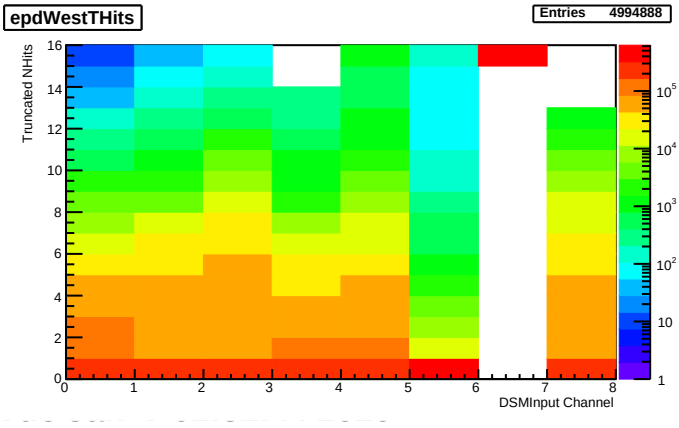
DSM Input Channel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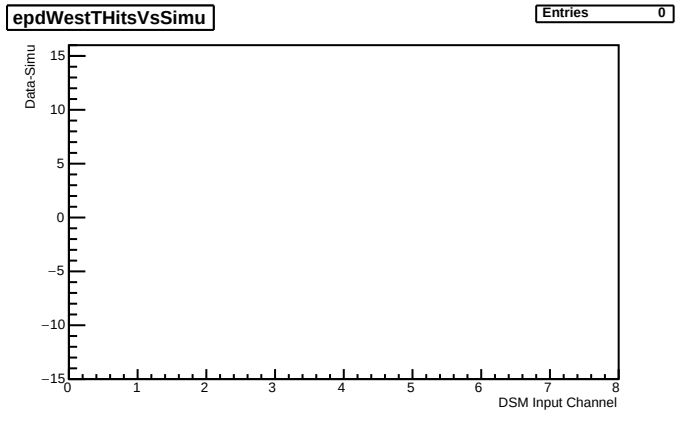
Entries 4994888
Truncated NHits
DSMInput Channel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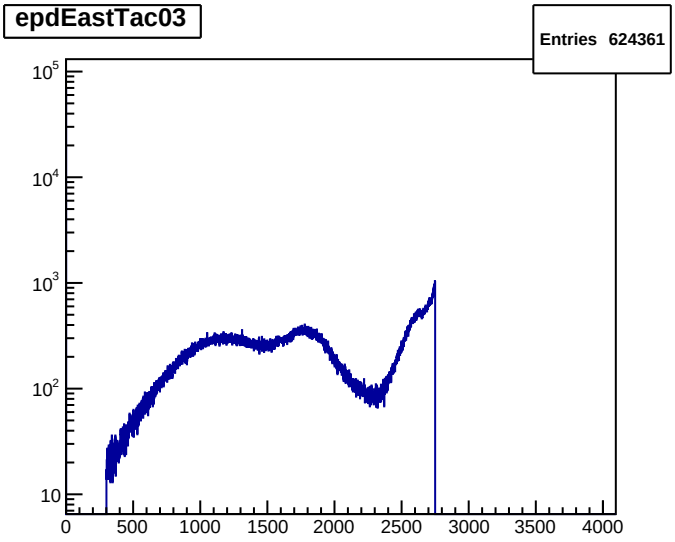
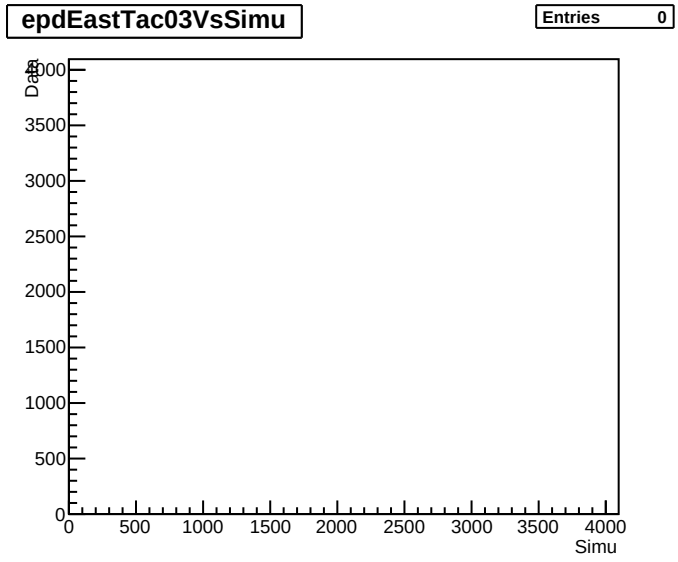
DSM Input Channel


epdEastTac03
Entries 624361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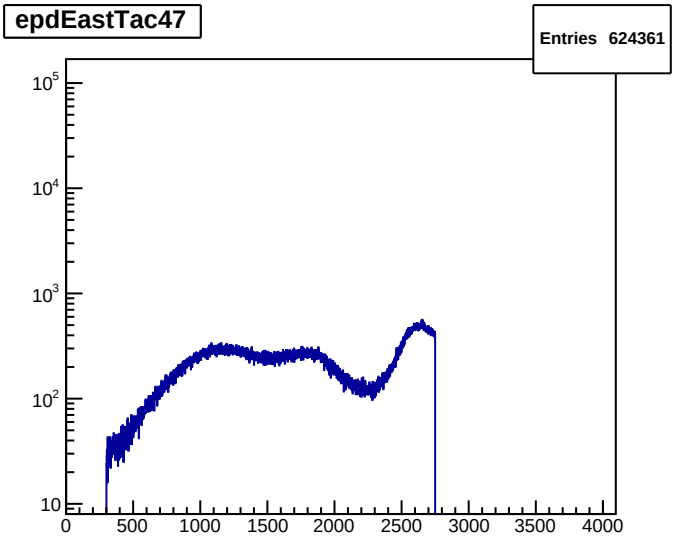
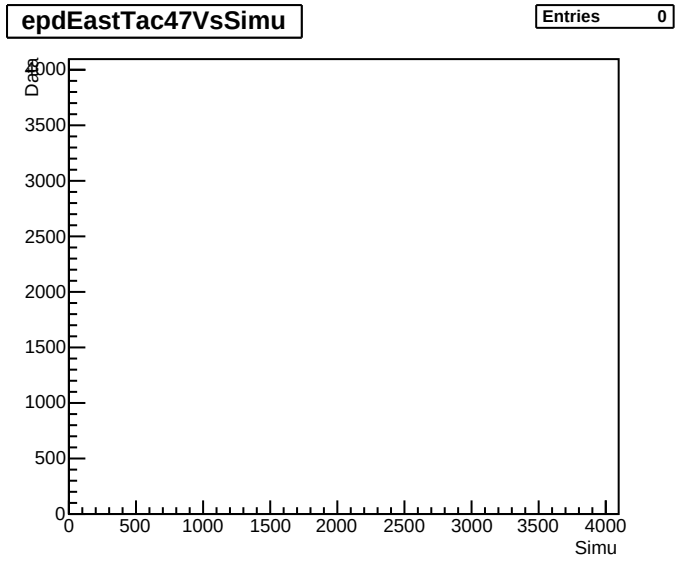
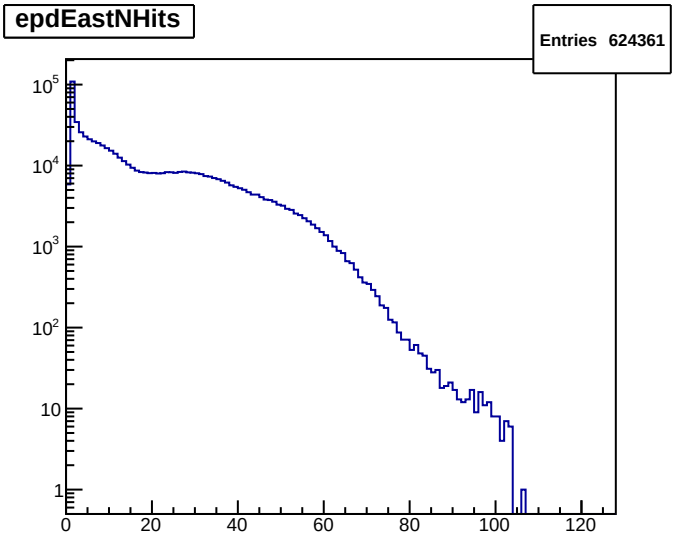
Entries 0
Data
Simu


epdEastTac47
Entries 624361


epdEastTac47VsSimu
Entries 0
Data
Simu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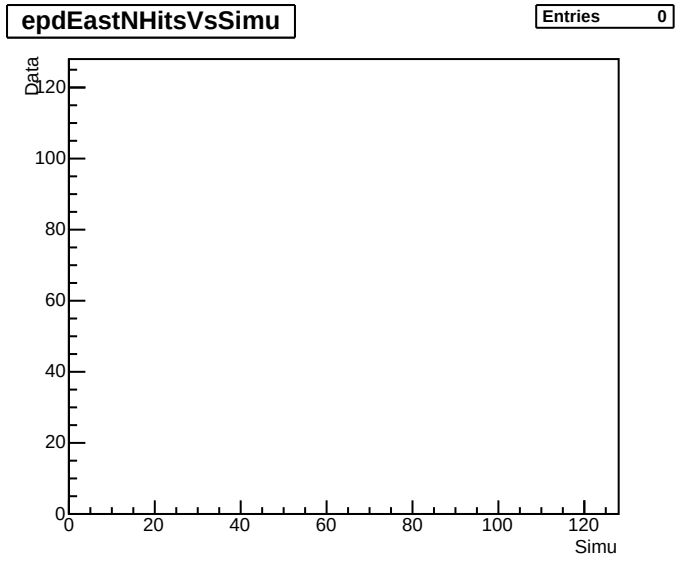
Entries 624361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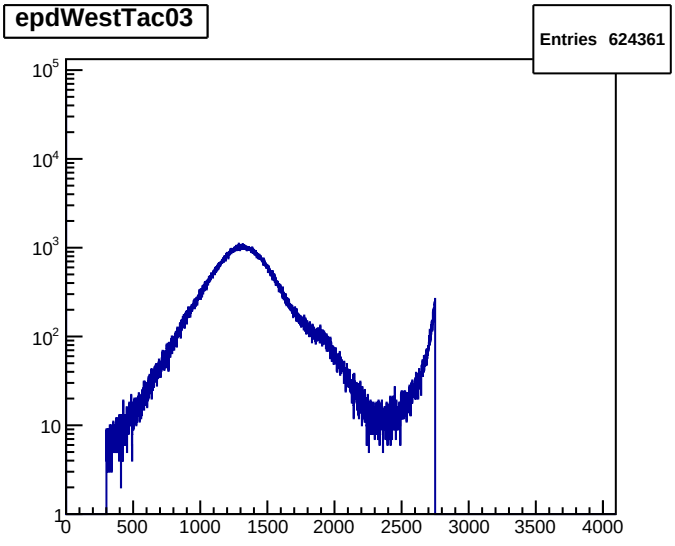
Data
Simu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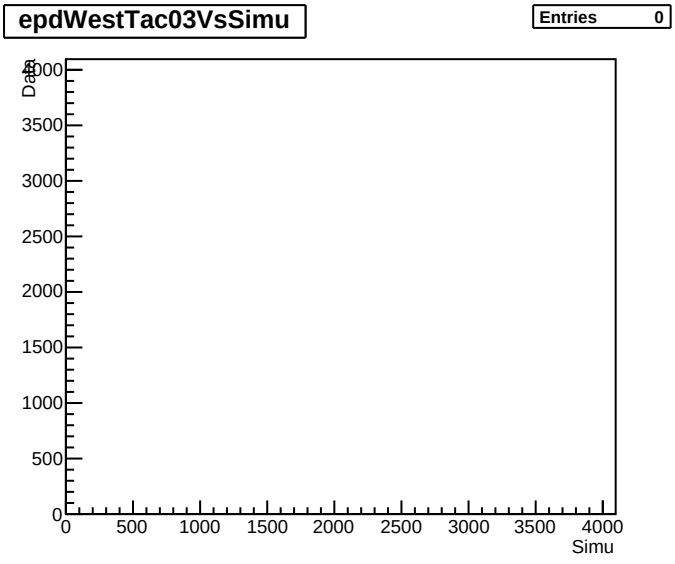
Entries 624361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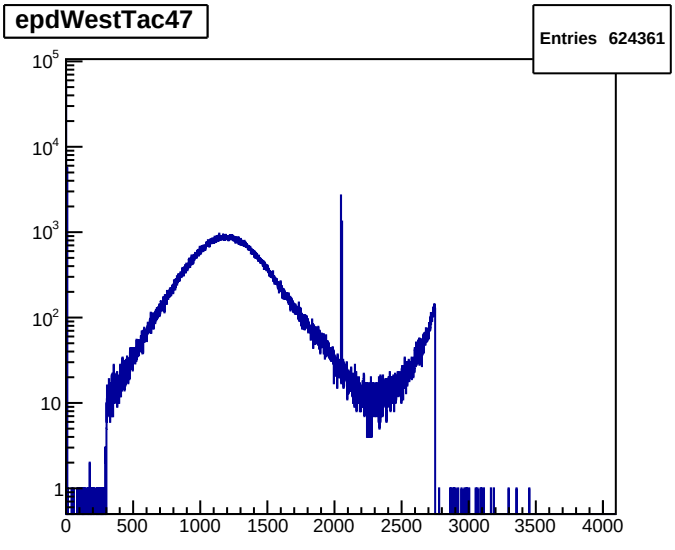
Simu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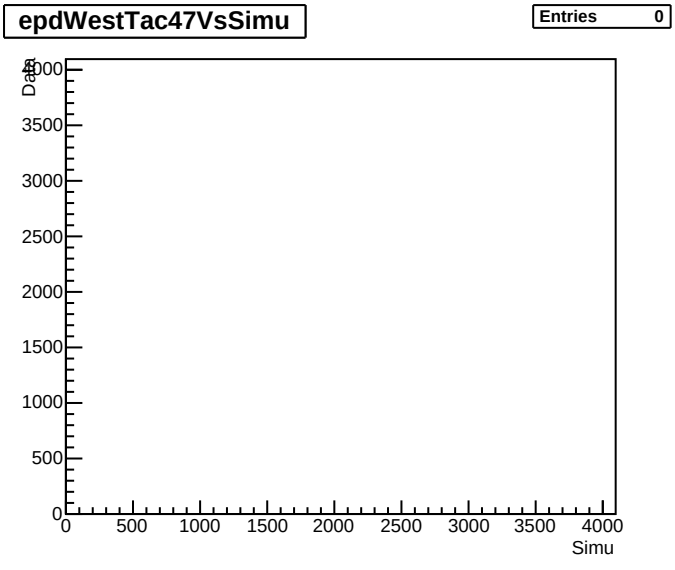
Entries 624361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Entries 0
Data
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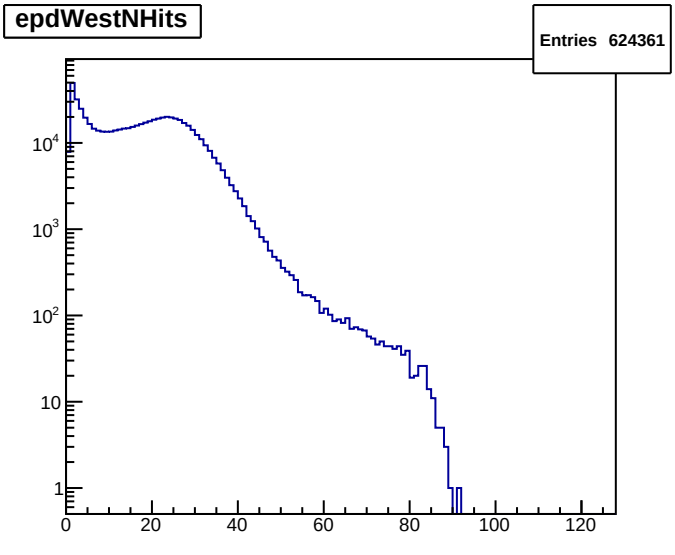
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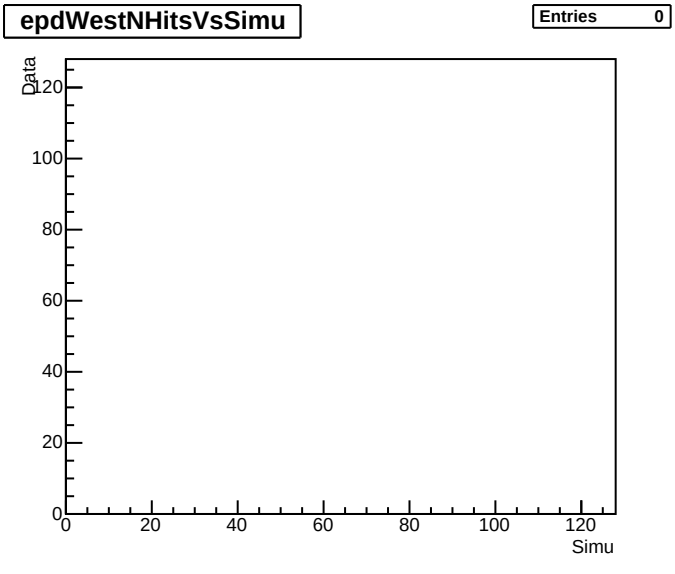
Entries 624361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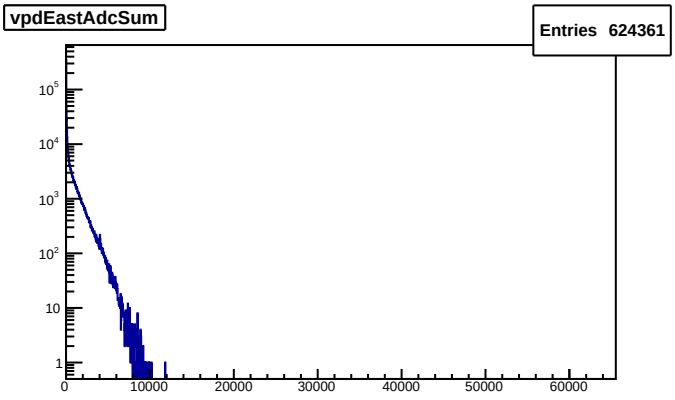
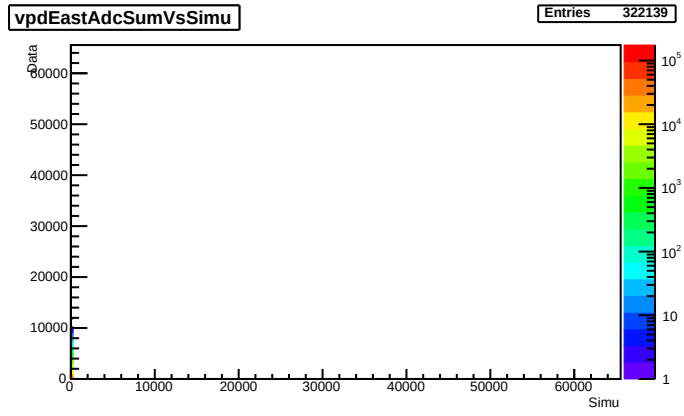
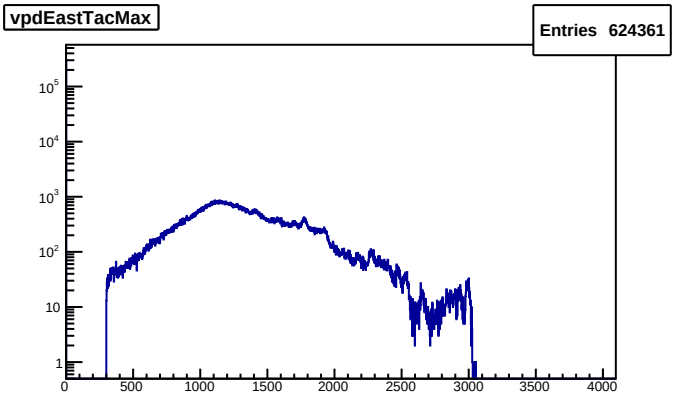
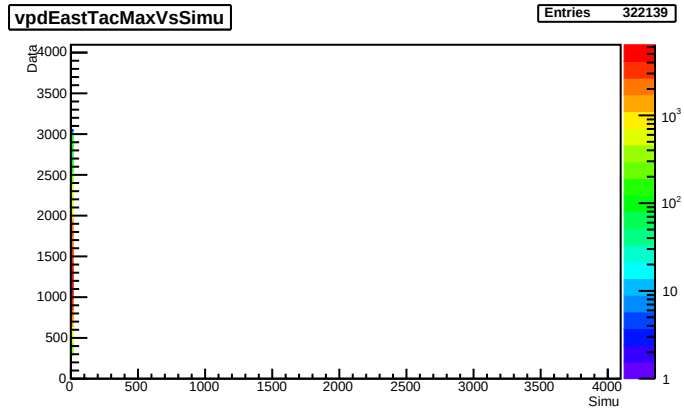
Entries 0
Data
Simu


vpdEastAdcSum
Entries 624361


vpdEastAdcSumVsSimu
Entries 322139
Data
Simu


vpdEastTacMax
Entries 624361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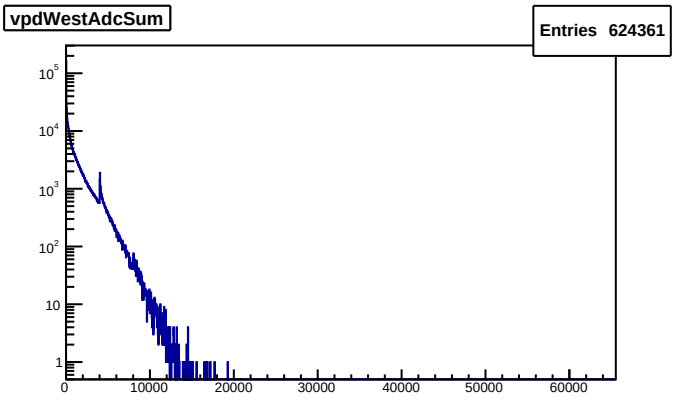
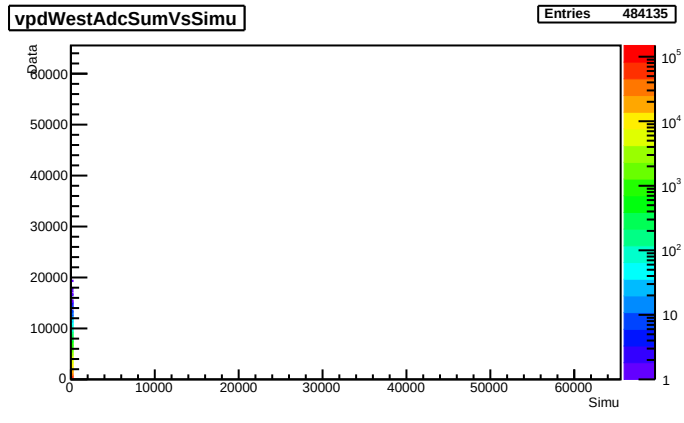
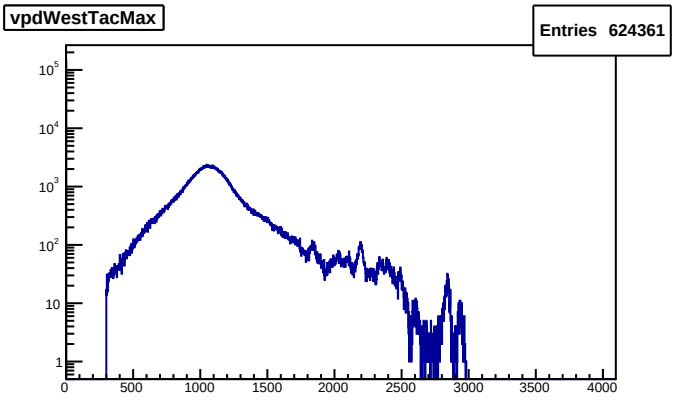
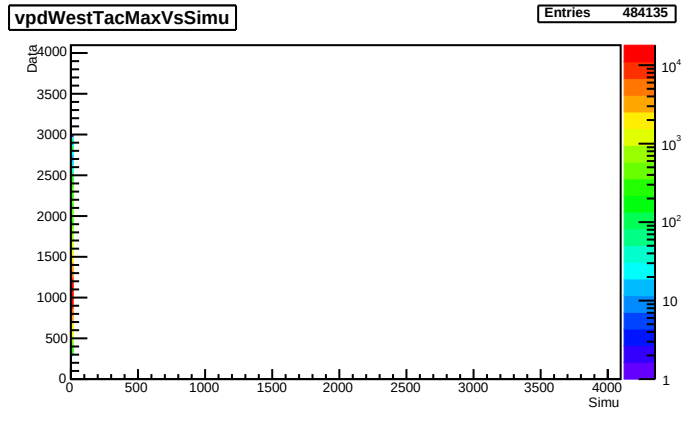
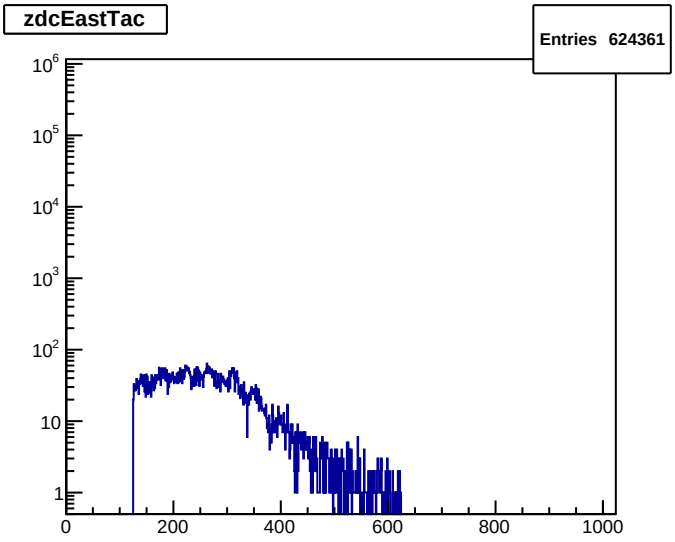
Entries 322139
Data
Simu

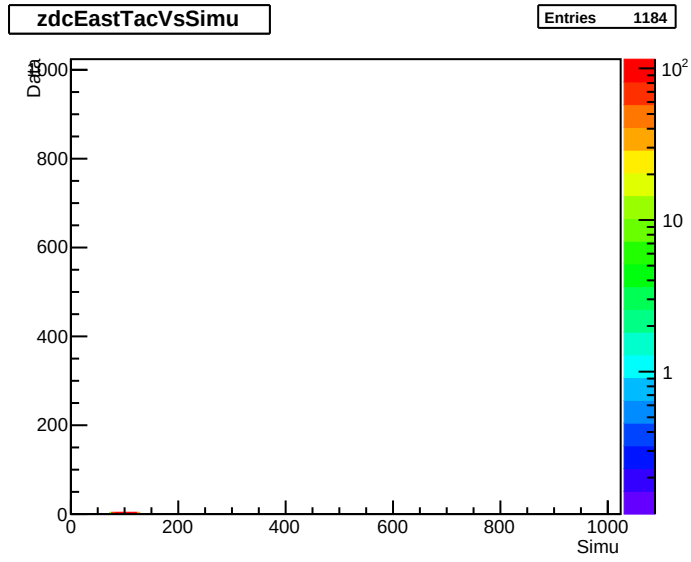

vpdWestAdcSum
Entries 624361

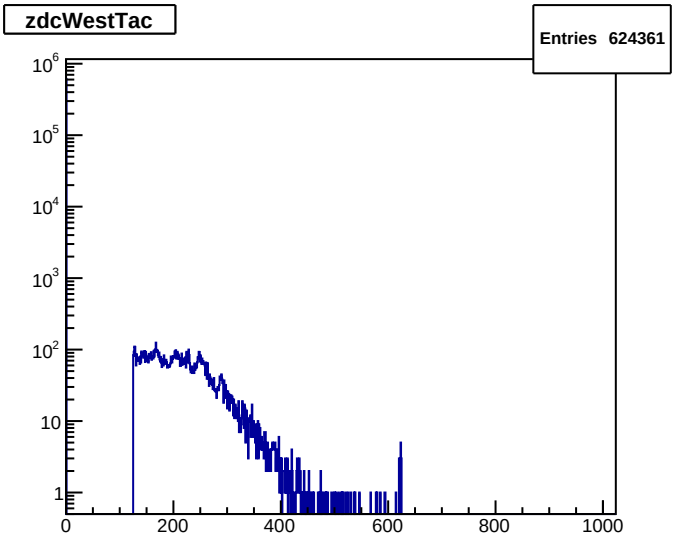

vpdWestAdcSumVsSimu
Entries 484135
Data
Simu

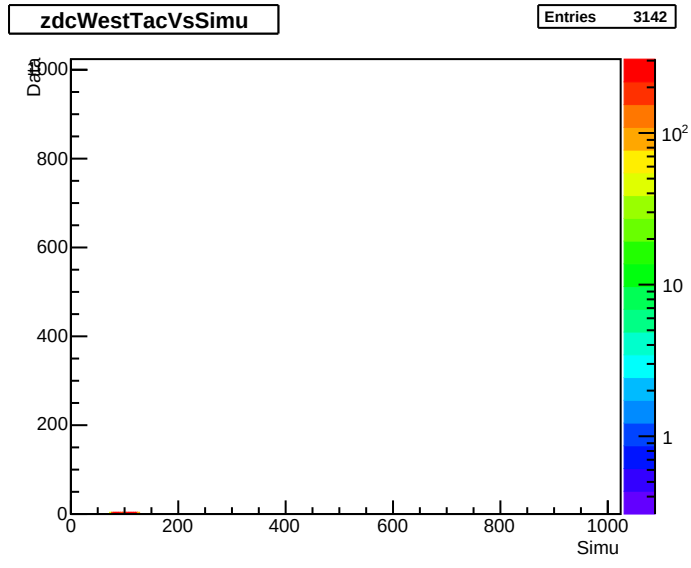

vpdWestTacMax
Entries 624361

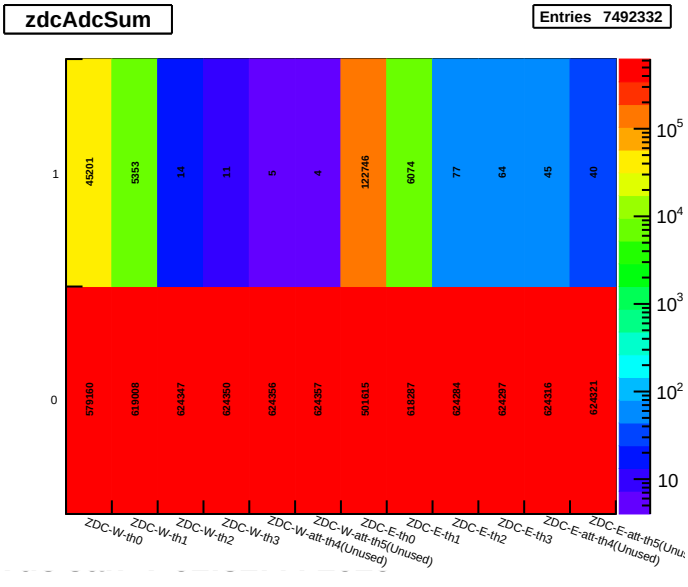

vpdWestTacMaxVsSimu
Entries 484135
Data
Simu

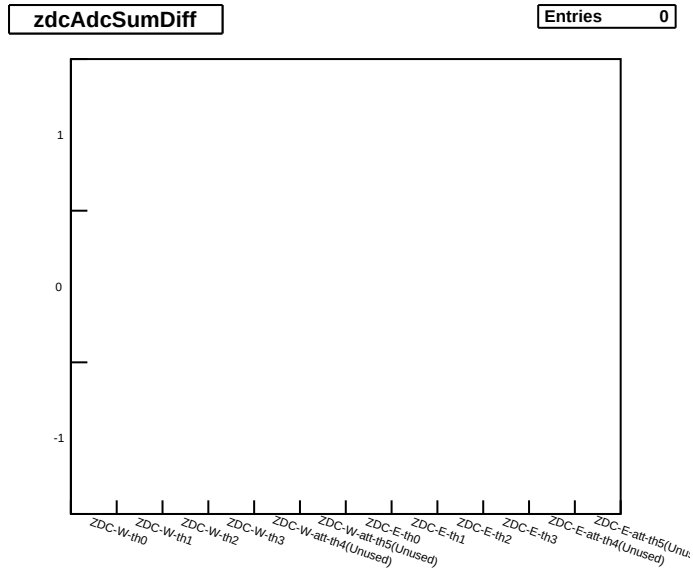

zdcEastTac
Entries 624361

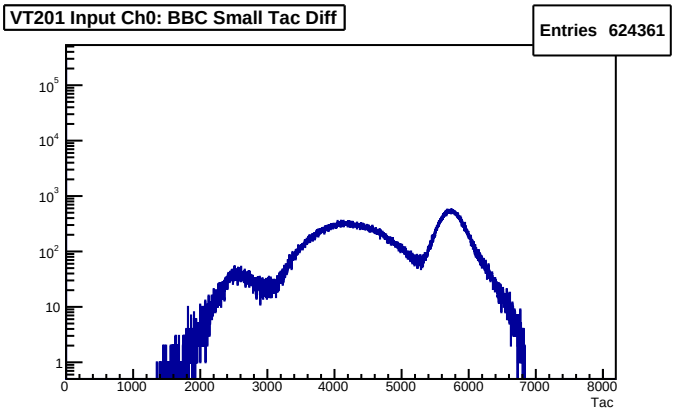

zdcEastTacVsSimu
Entries 1184
Data
Simu

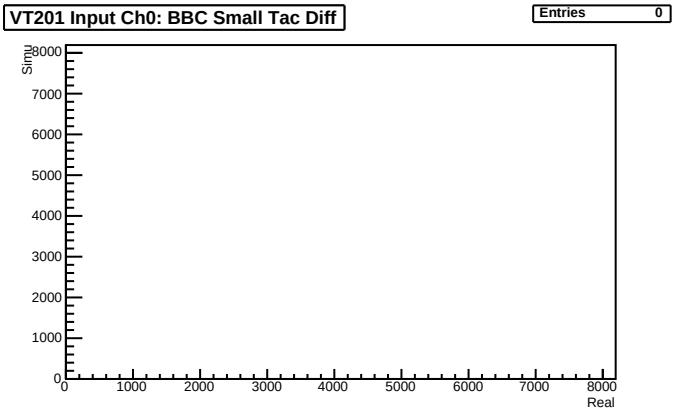

zdcWestTac
Entries 624361

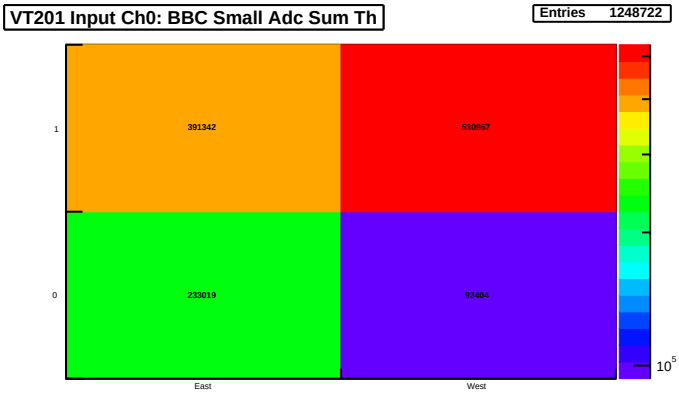

zdcWestTacVsSimu
Entries 3142
Data
Simu

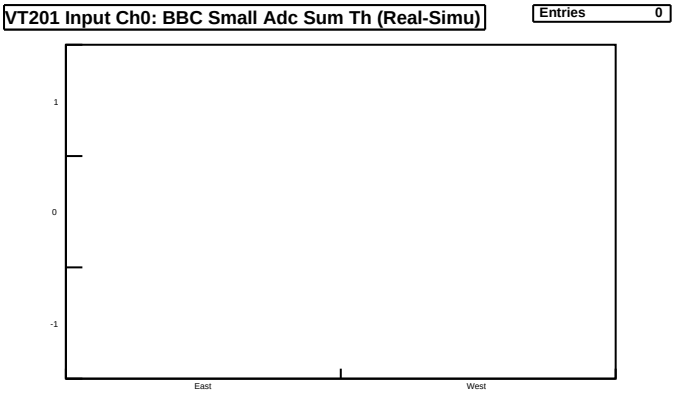

zdcAdcSum
Entries 7492332
45201
5353
14
11
5
4
122746
6074
77
64
45
40
579160
619008
624347
624350
624356
624357
501615
618287
624284
624297
624316
624321
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

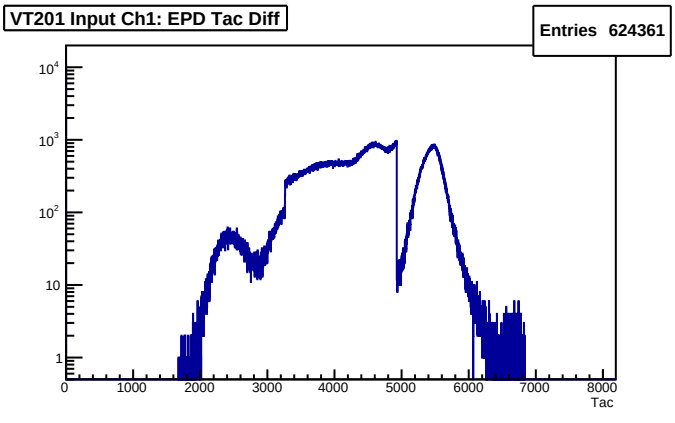

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

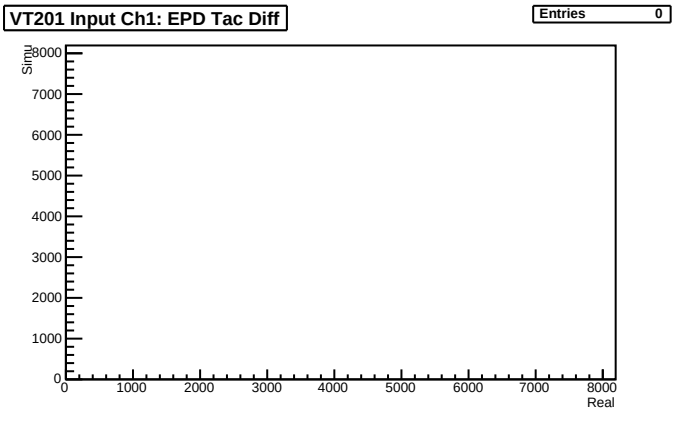

VT201 Input Ch0: BBC Small Tac Diff
Entries 624361
Tac

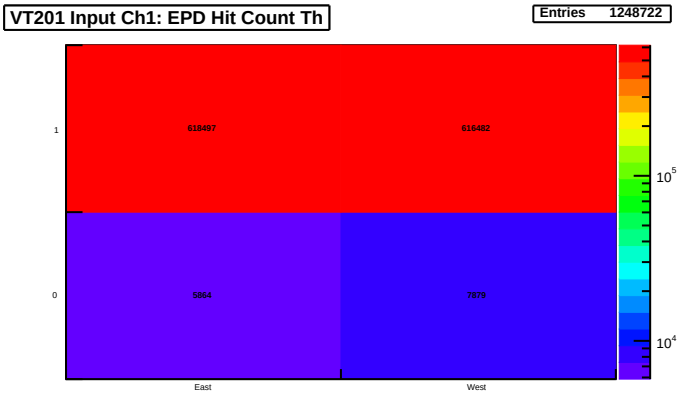

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

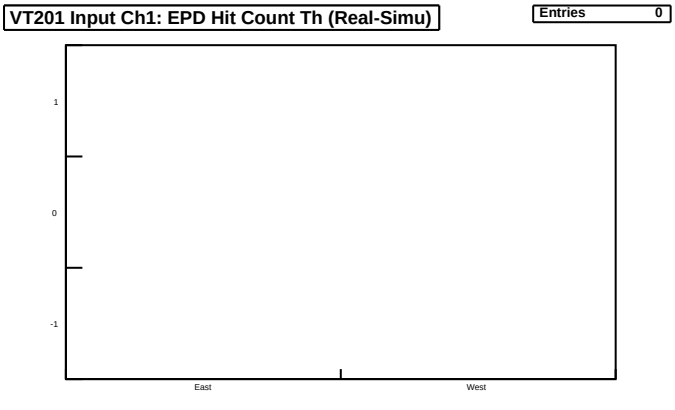

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1248722
391342
530957
233019
93404
East
West

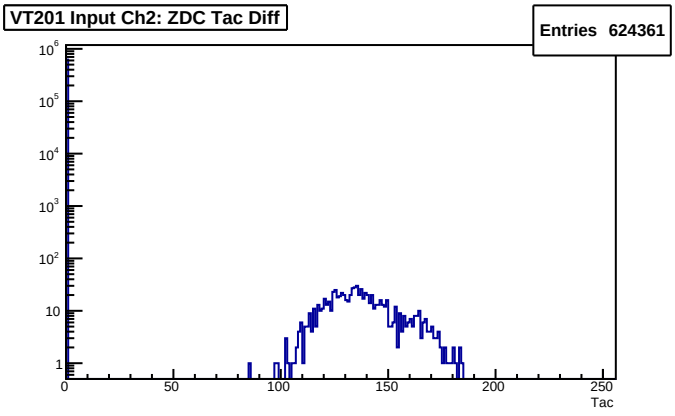

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

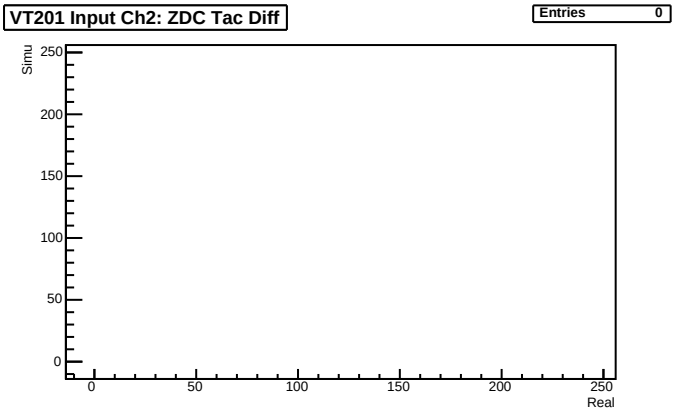

VT201 Input Ch1: EPD Tac Diff
Entries 624361
Tac

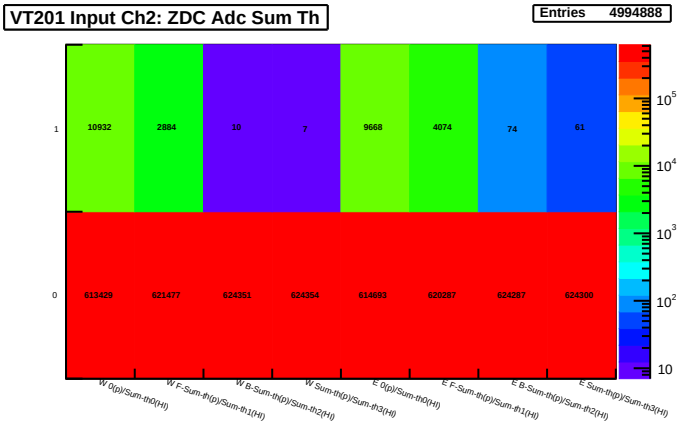

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

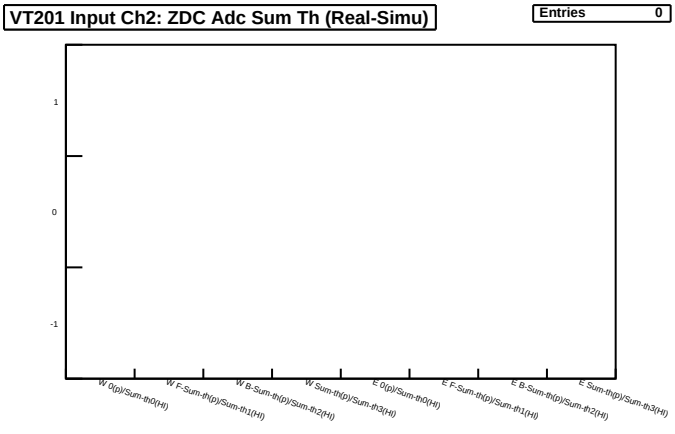

VT201 Input Ch1: EPD Hit Count Th
Entries 1248722
618497
616482
5864
7879
East
West

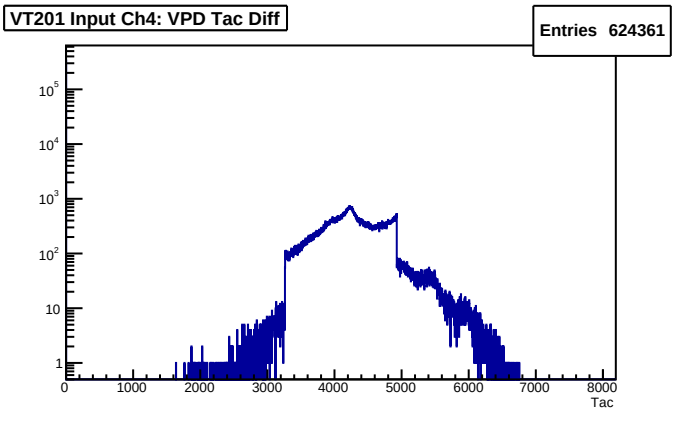

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

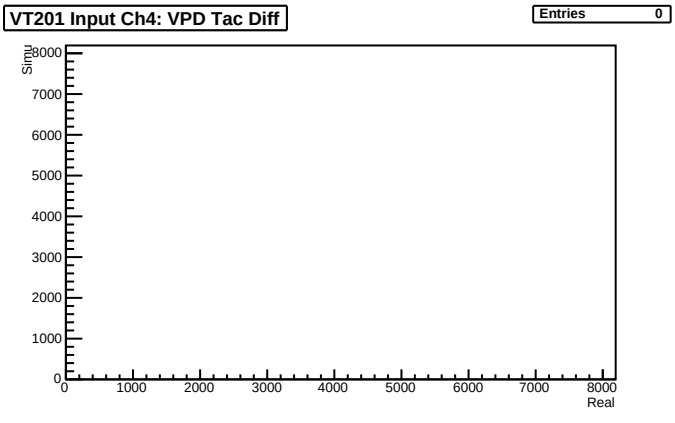

VT201 Input Ch2: ZDC Tac Diff
Entries 624361
Tac

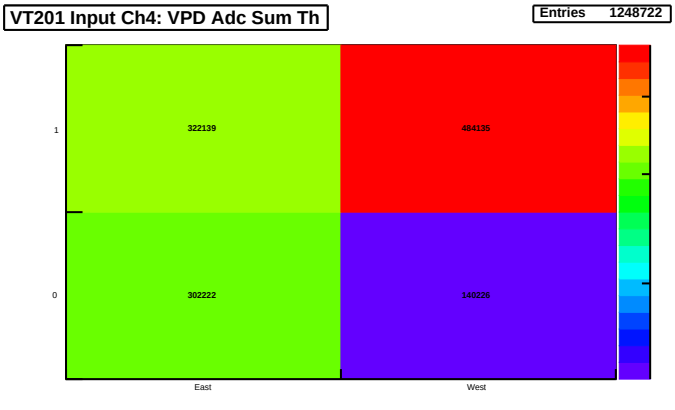

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

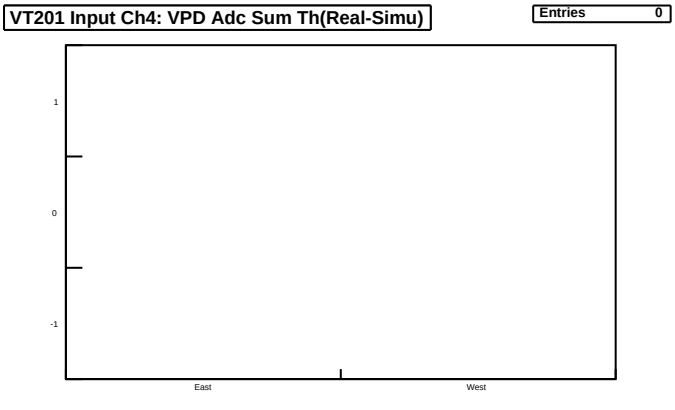

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4994888
10932
2884
10
7
9668
4074
74
61
613429
621477
624351
624354
614693
620287
624287
624300
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

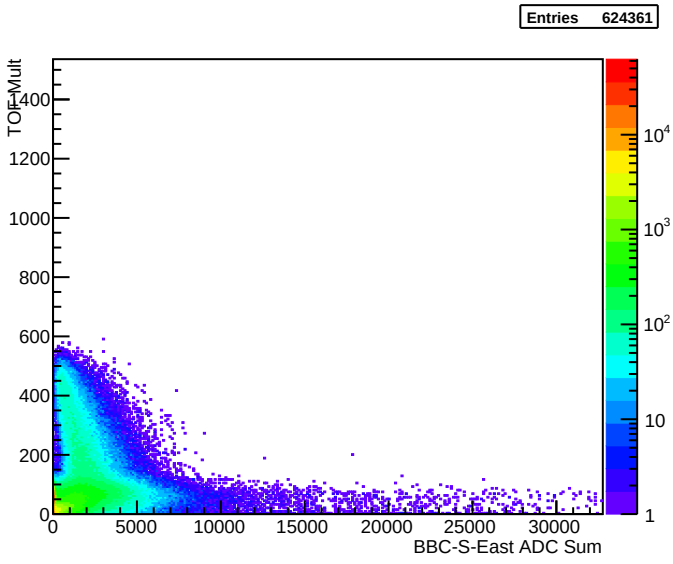

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

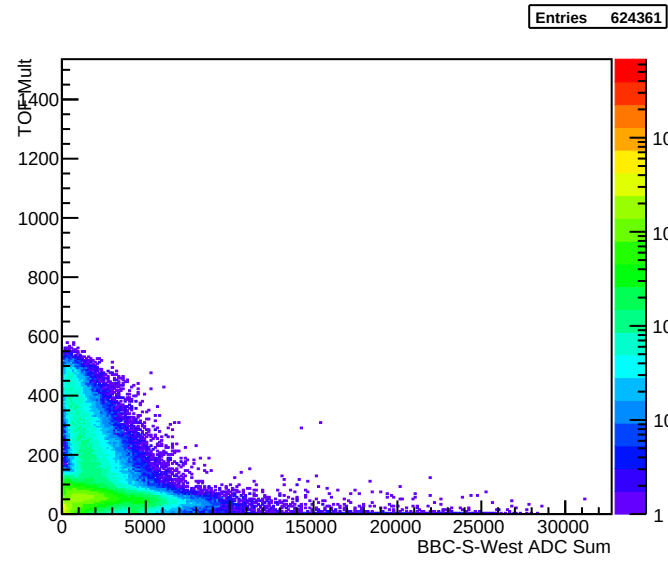

VT201 Input Ch4: VPD Tac Diff
Entries 624361
Tac

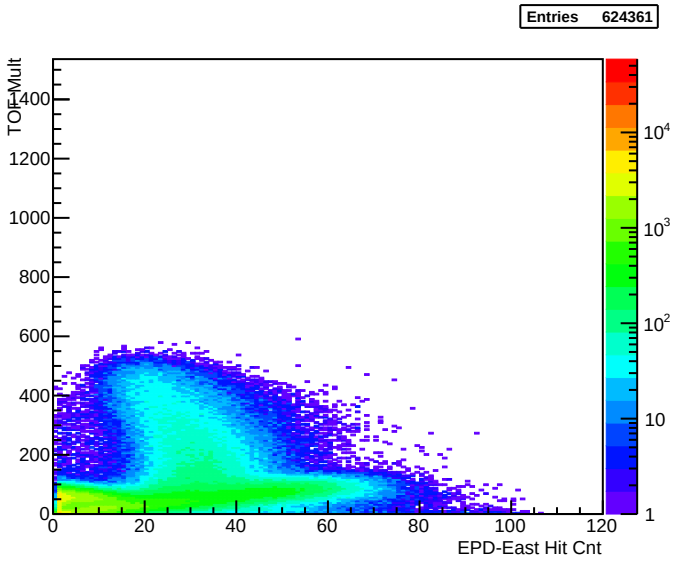

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

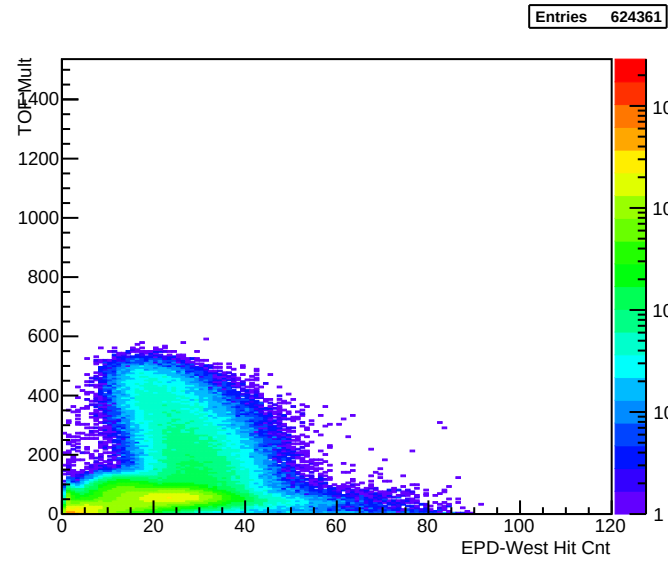

VT201 Input Ch4: VPD Adc Sum Th
Entries 1248722
322139
484135
302222
140226
East
West

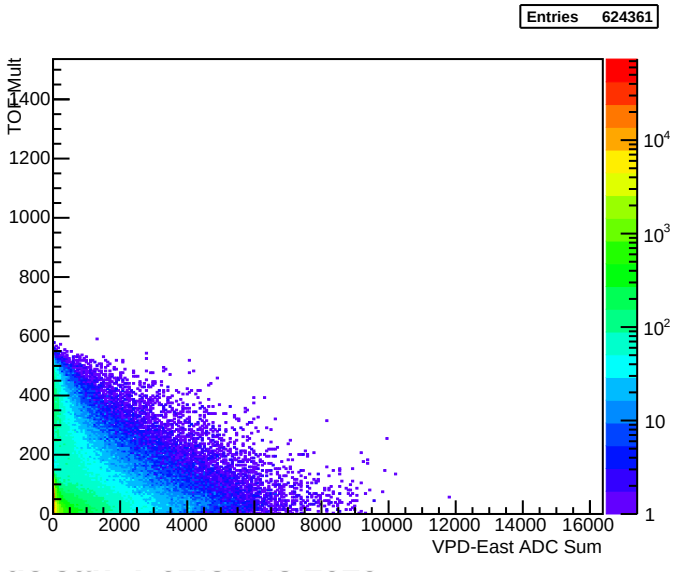

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

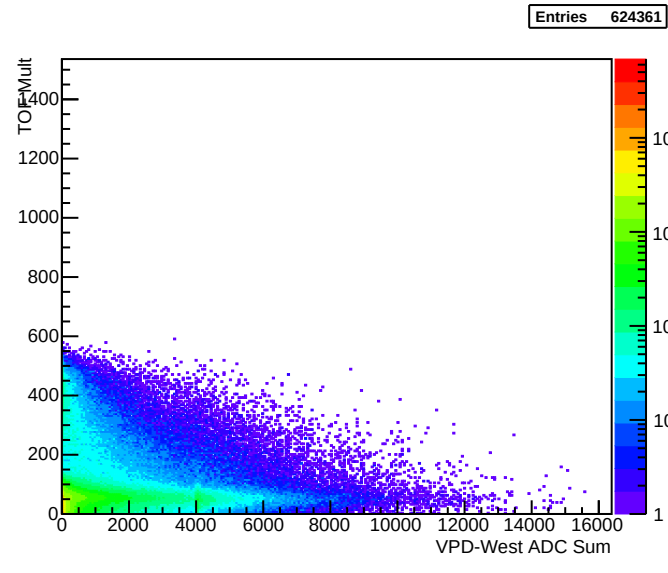

Entries 624361
TOF-Mult
BBC-S-East ADC Sum

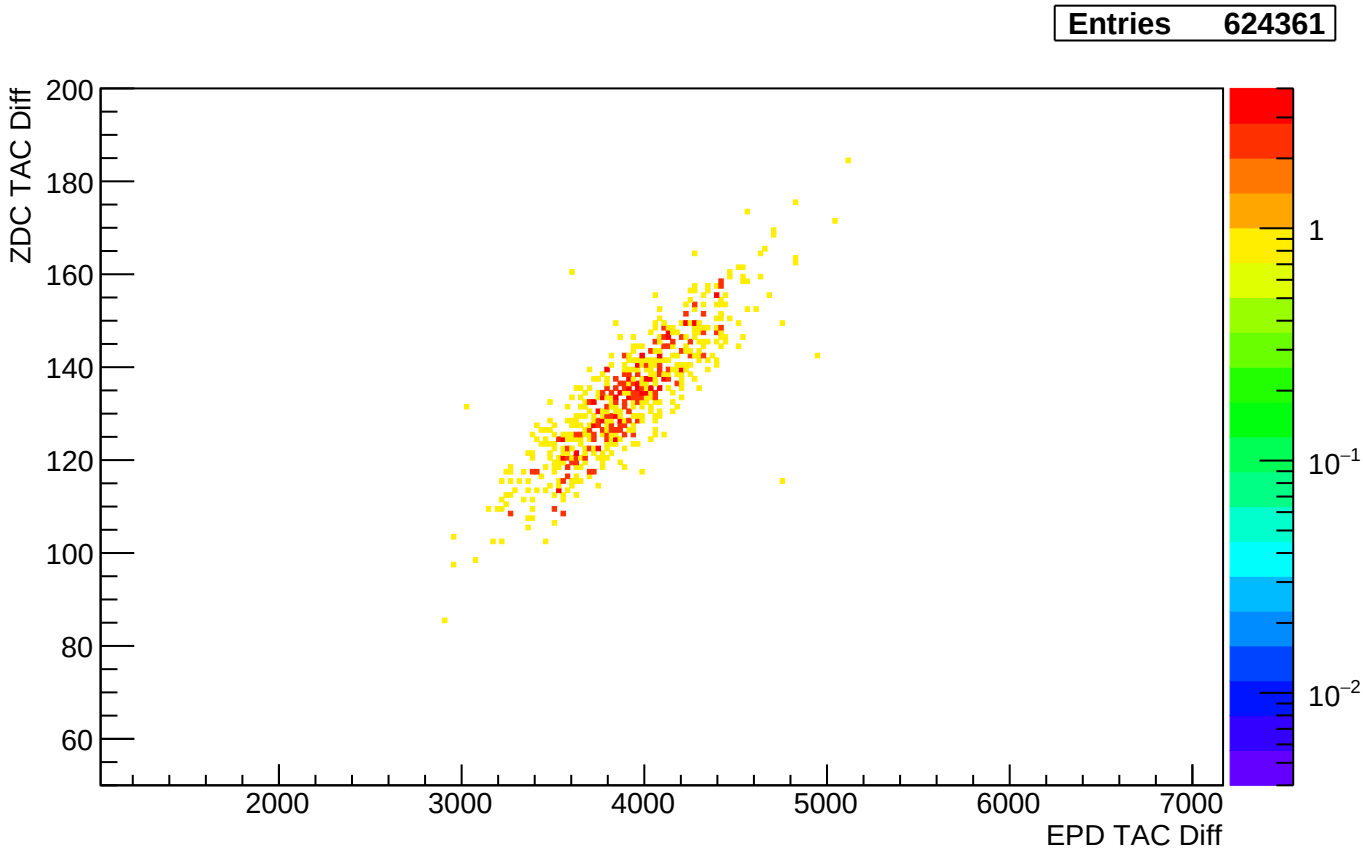

Entries 624361
TOF-Mult
BBC-S-West ADC Sum

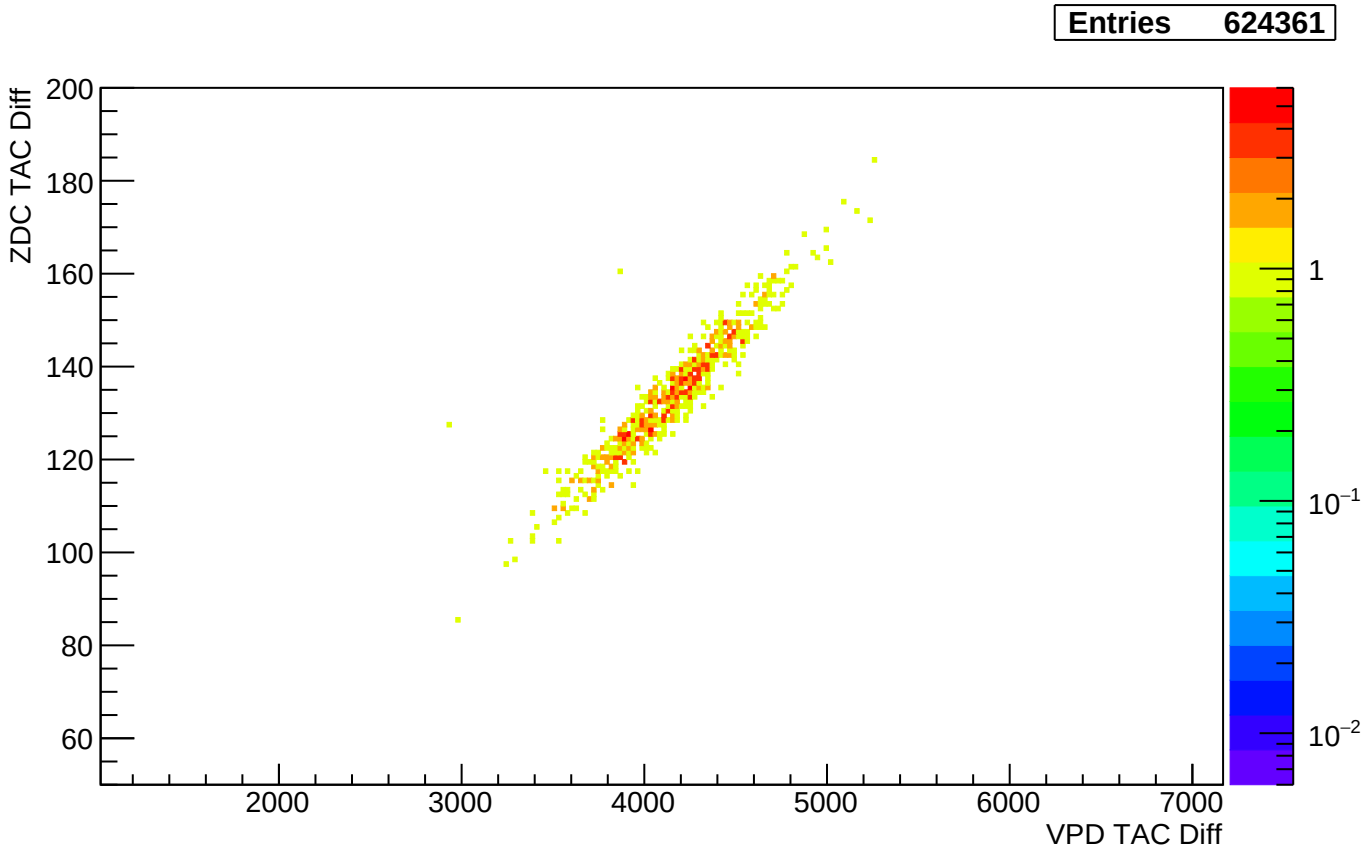

Entries 624361
TOF-Mult
EPD-East Hit Cnt

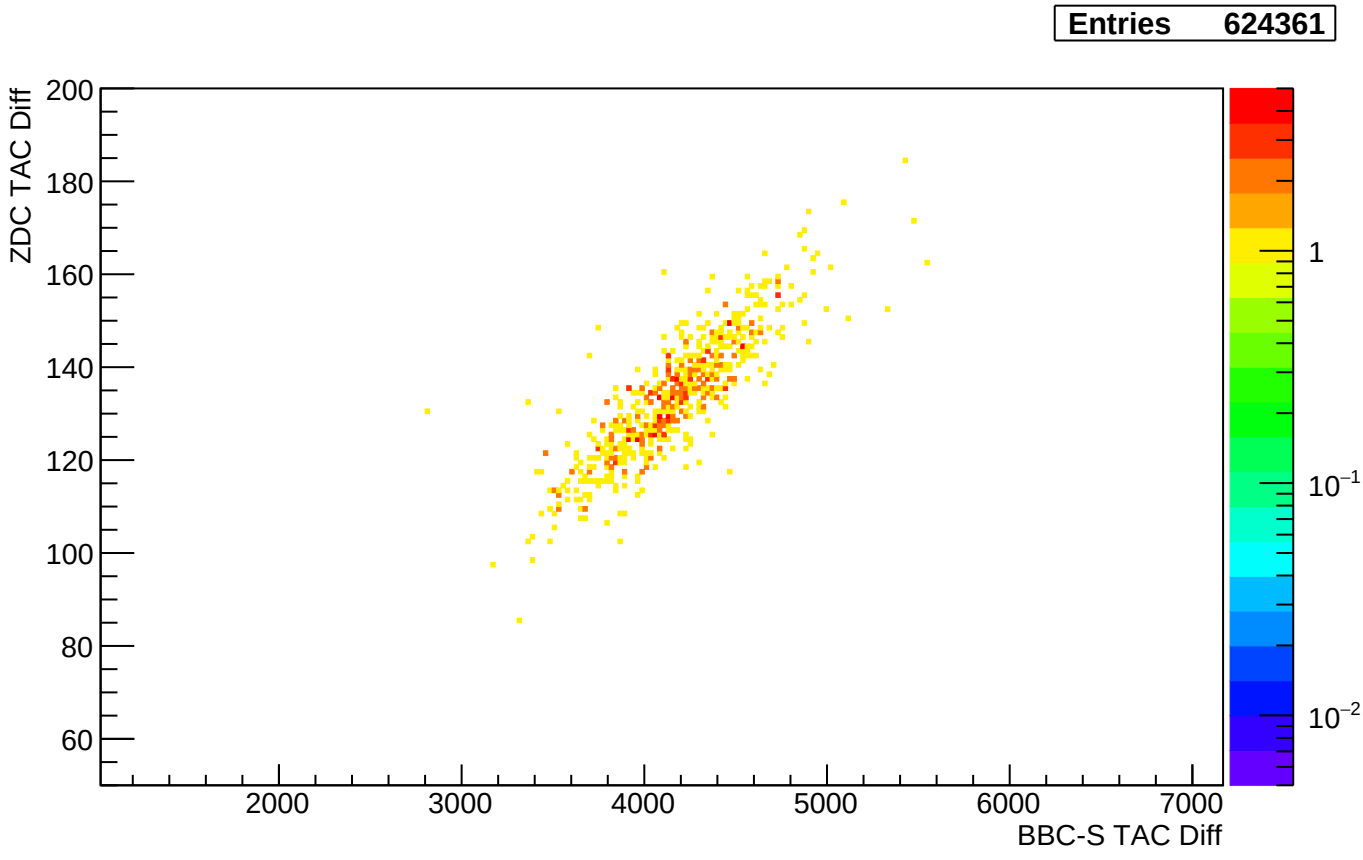

Entries 624361
TOF-Mult
EPD-West Hit Cnt

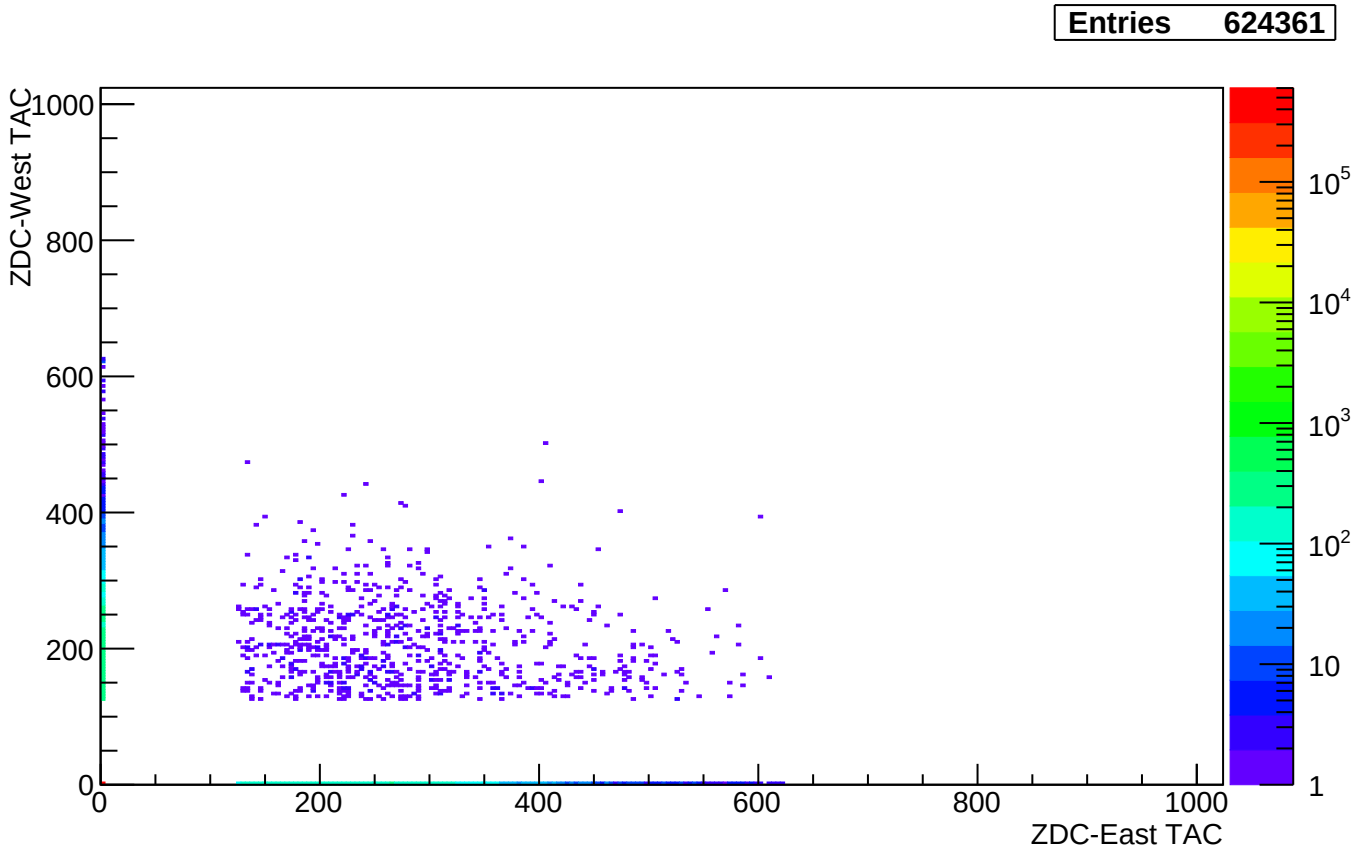

Entries 624361
TOF-Mult
VPD-East ADC Sum

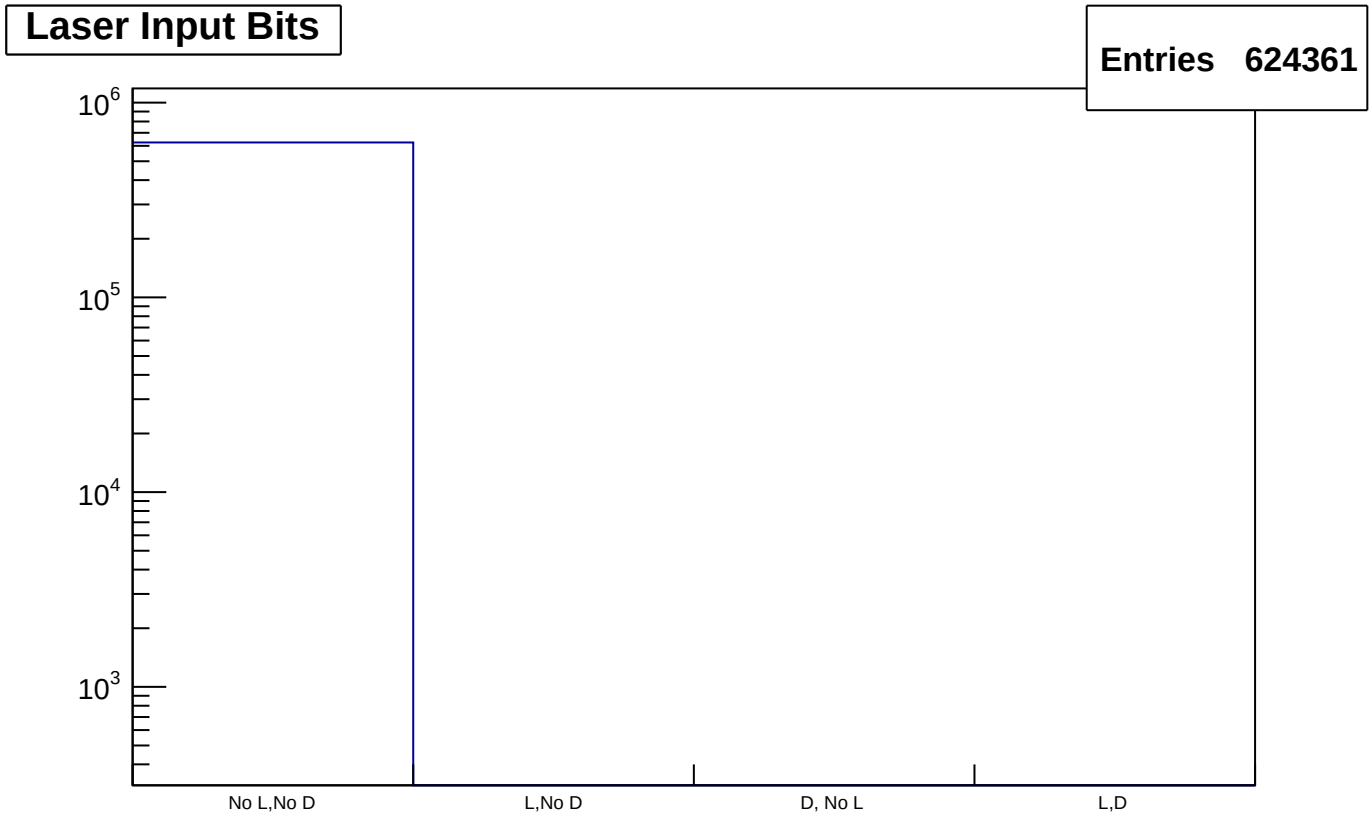

Entries 624361
TOF-Mult
VPD-West ADC Sum

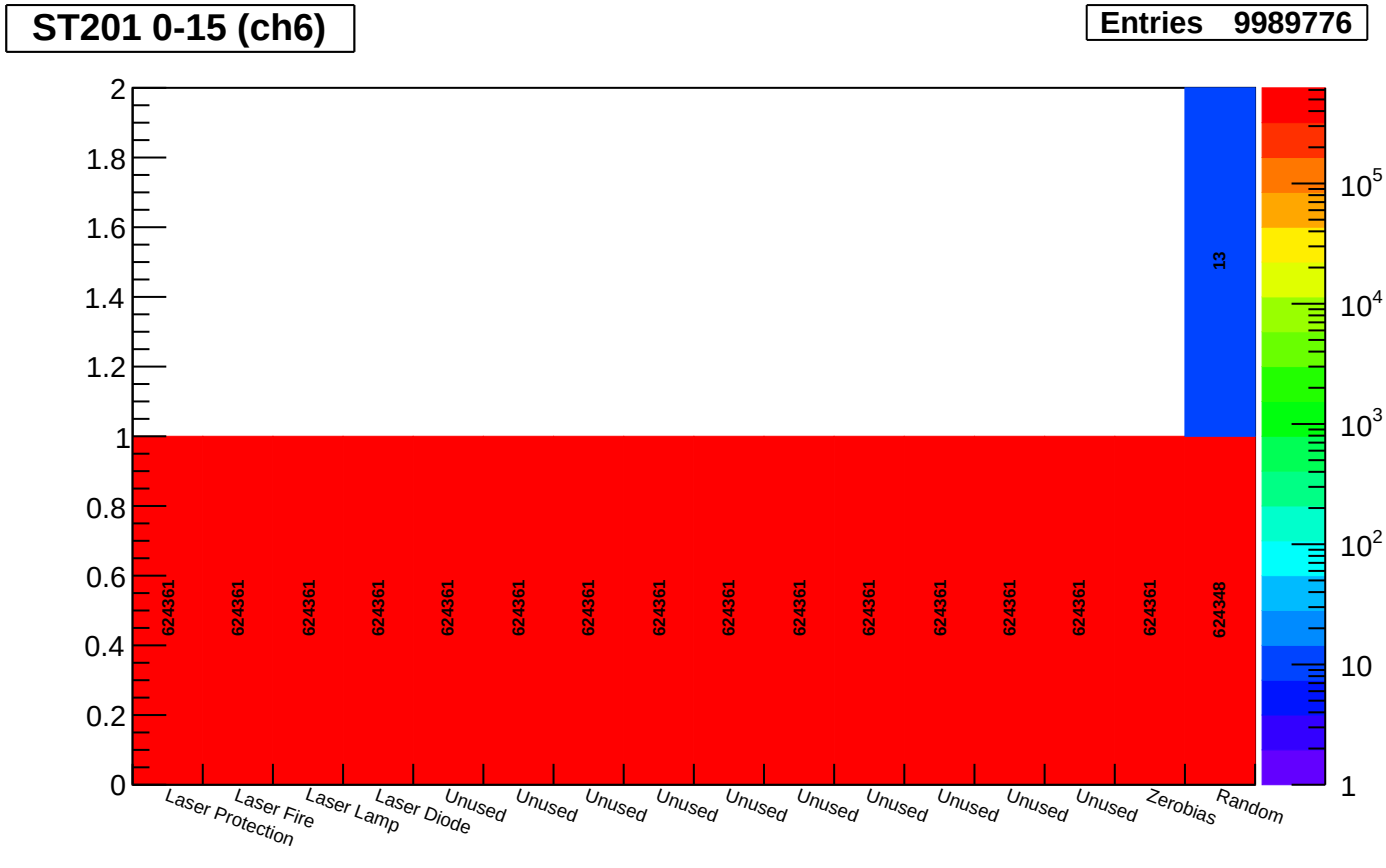

Entries 624361
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

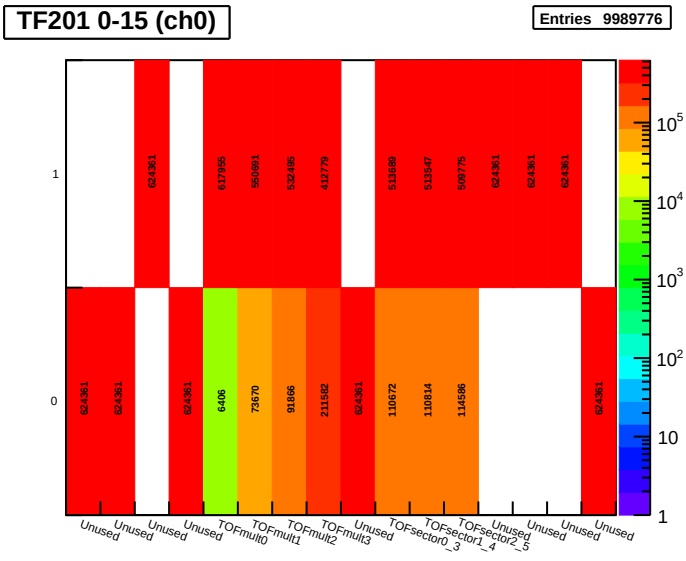

Entries 624361
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

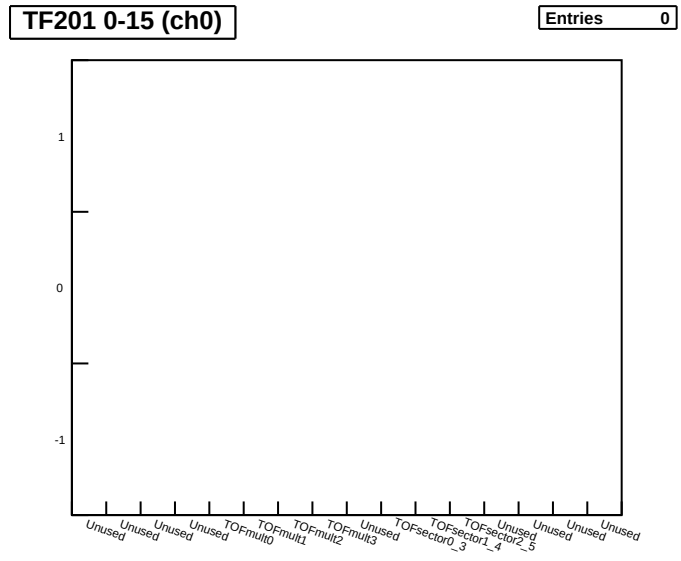

Entries 624361
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

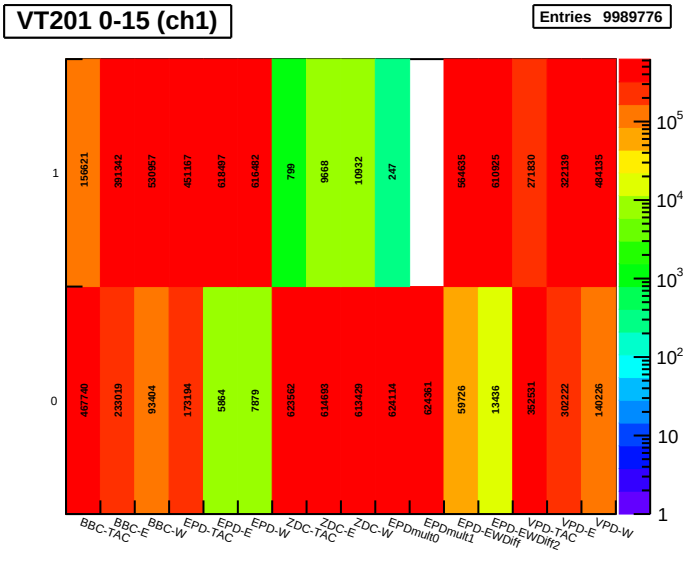

Entries 624361
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

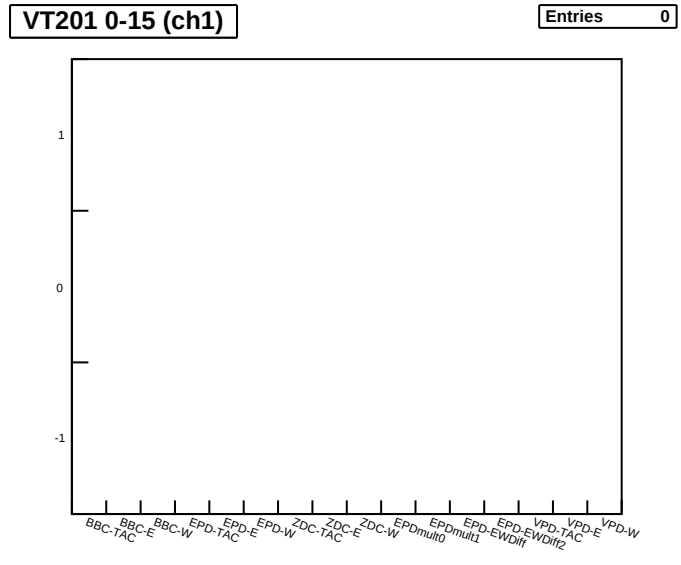

Laser Input Bits
Entries 624361
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

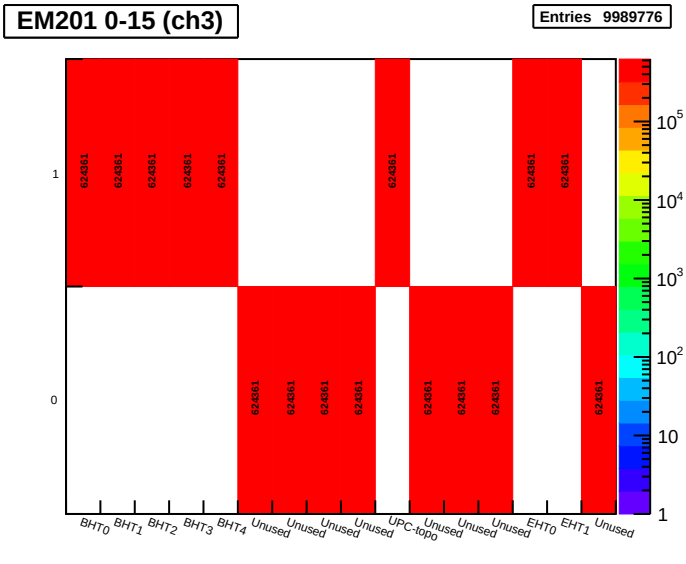

ST201 0-15 (ch6)
Entries 9989776
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13
624361
624348
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

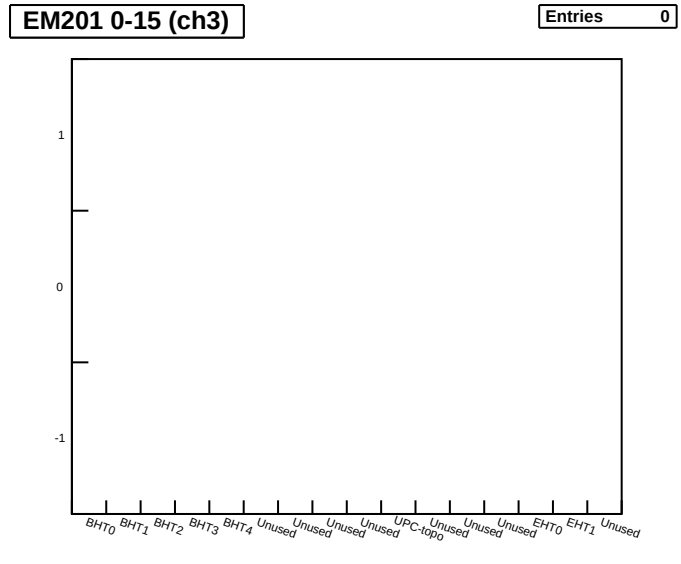

TF201 0-15 (ch0)
Entries 9989776
1
0
624361
617955
550691
532495
412279
513689
513547
509775
624361
624361
624361
624361
624361
624361
6406
73670
91866
211582
624361
110672
110814
114586
624361
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 9989776
1
0
156621
391342
530957
451167
618497
616482
799
9668
10932
247
564635
610925
271830
322139
484135
467740
233019
93404
173194
5864
7879
622562
614693
613429
624114
624361
59726
13436
352531
302222
140236
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 9989776
1
0
624361
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