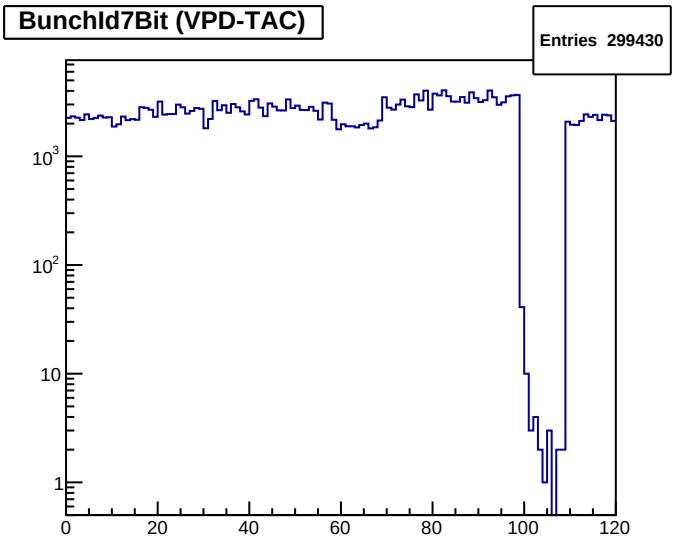
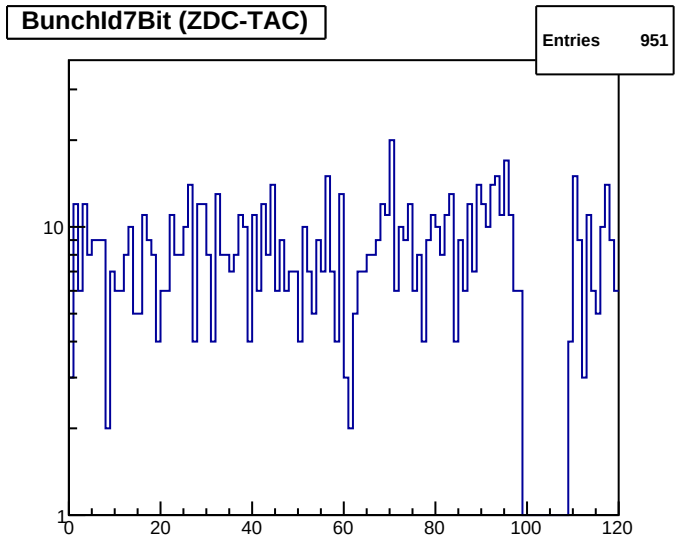
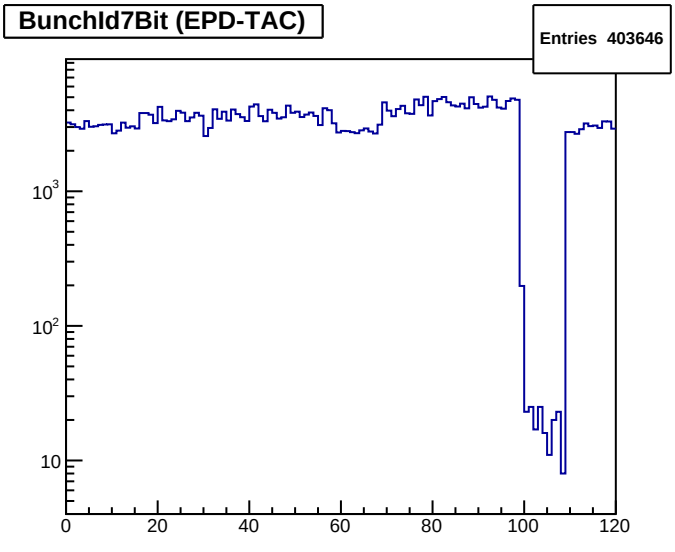
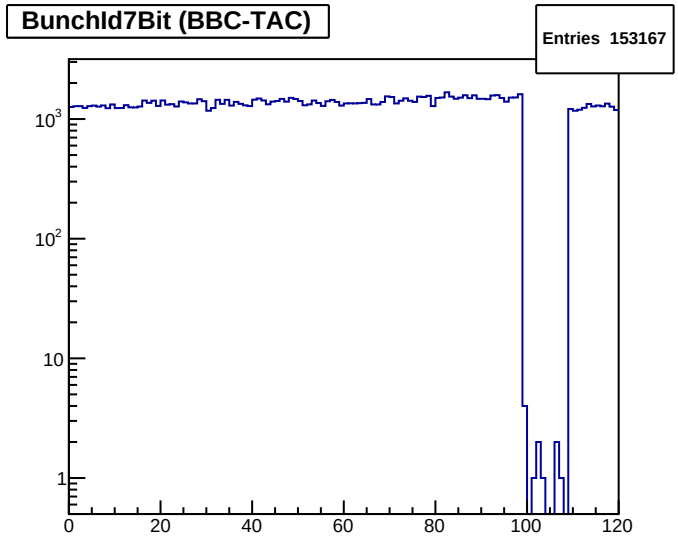
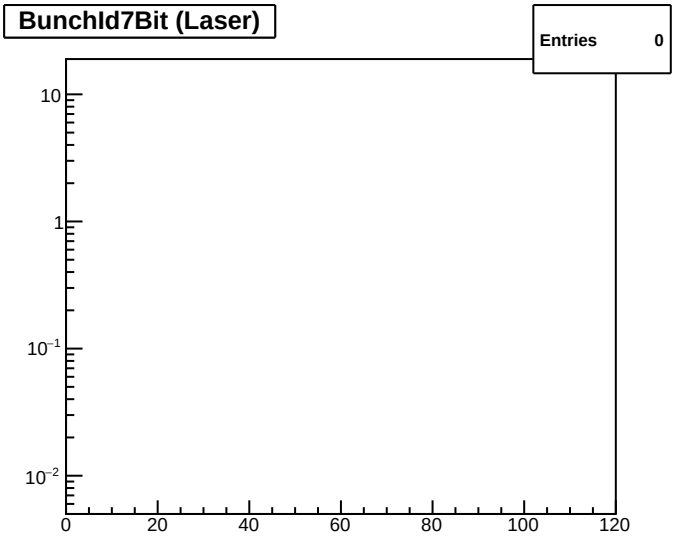
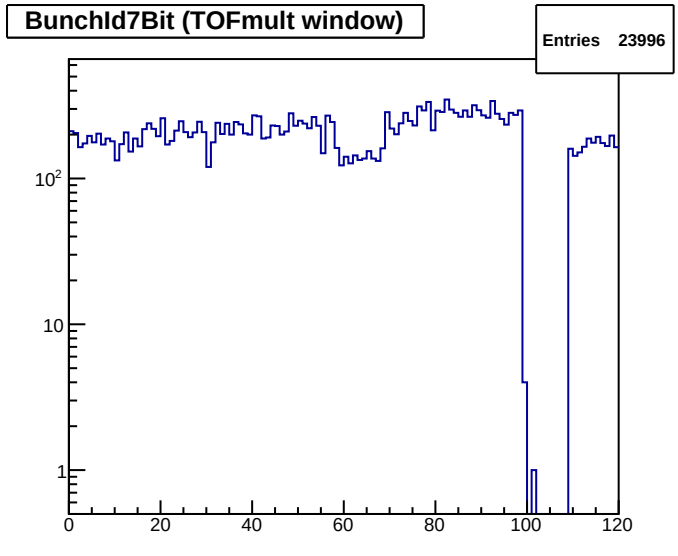

BunchId7Bit (VPD-TAC)
Entries 299430

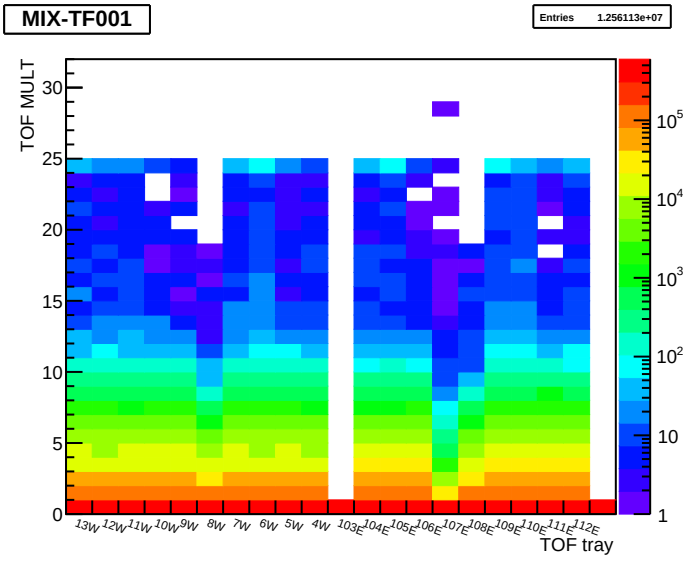

BunchId7Bit (ZDC-TAC)
Entries 951

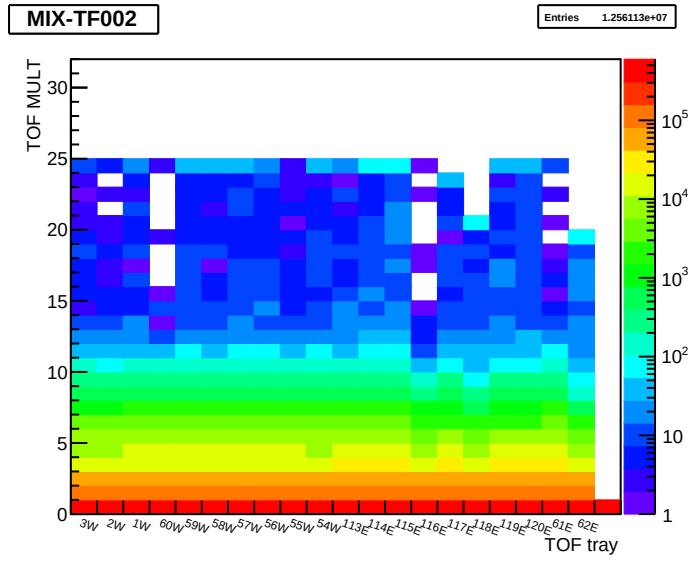

BunchId7Bit (EPD-TAC)
Entries 403646

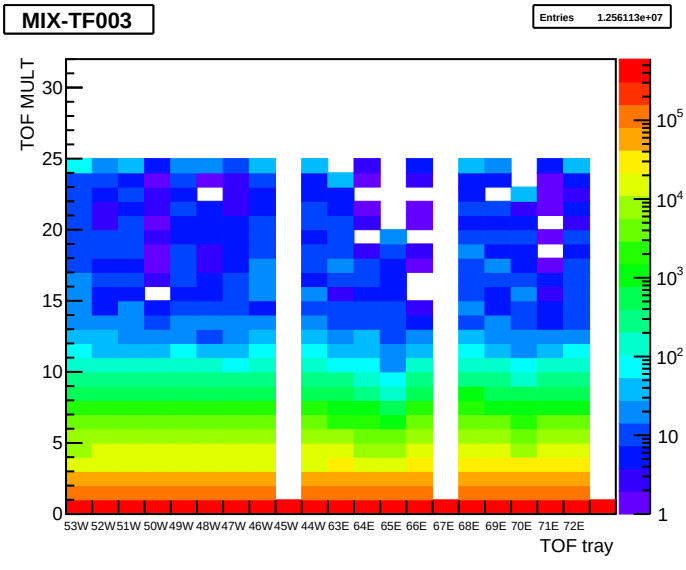

BunchId7Bit (BBC-TAC)
Entries 153167

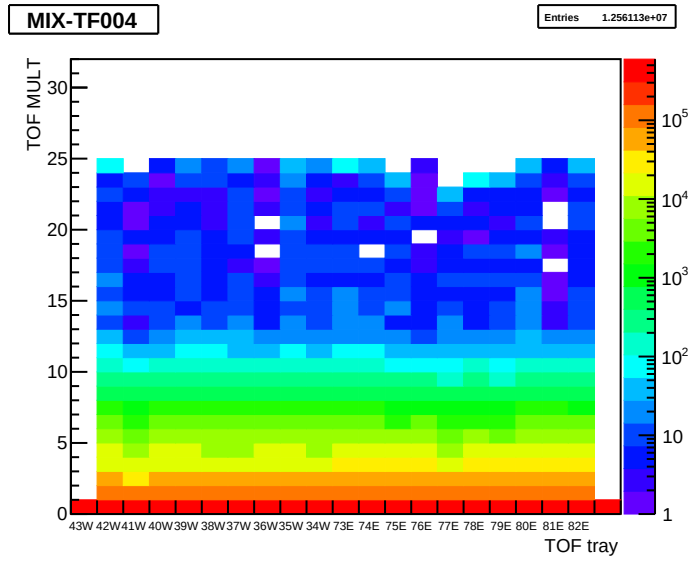

BunchId7Bit (Laser)
Entries 0

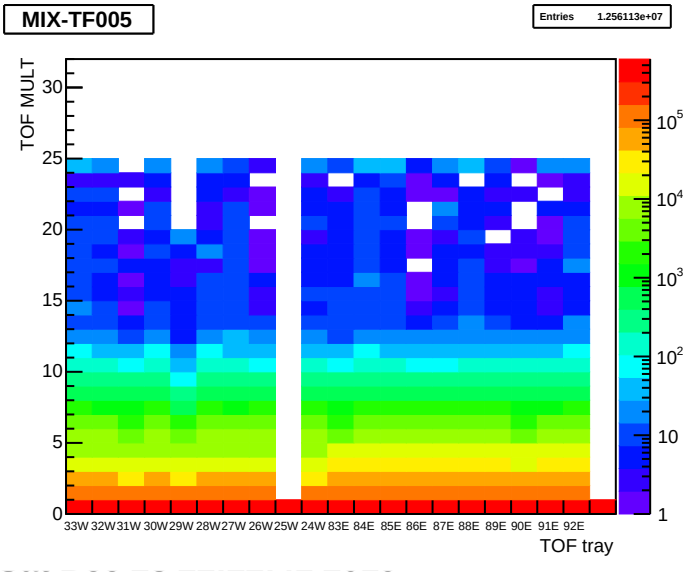

BunchId7Bit (TOFmult window)
Entries 23996

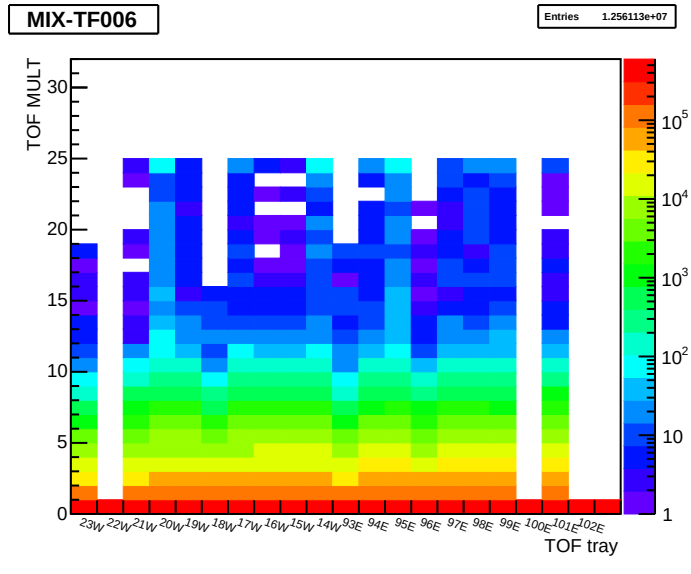

MIX-TF001
Entries 1.256113e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

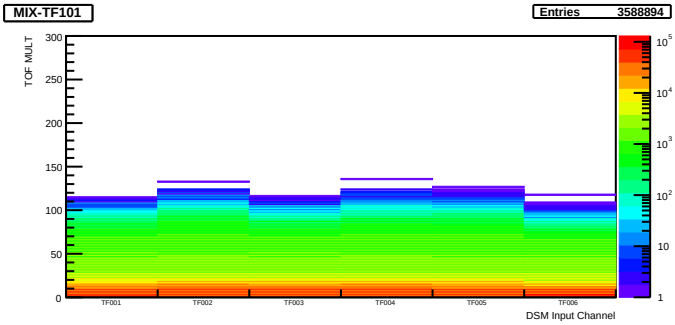

MIX-TF002
Entries 1.256113e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

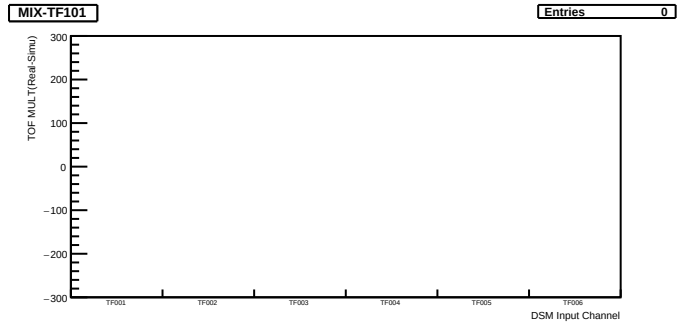

MIX-TF003
Entries 1.256113e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

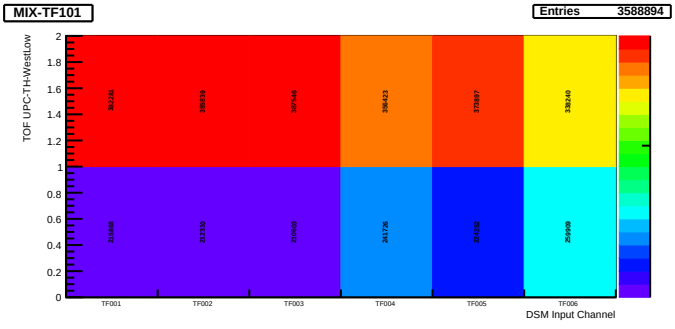

MIX-TF004
Entries 1.256113e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

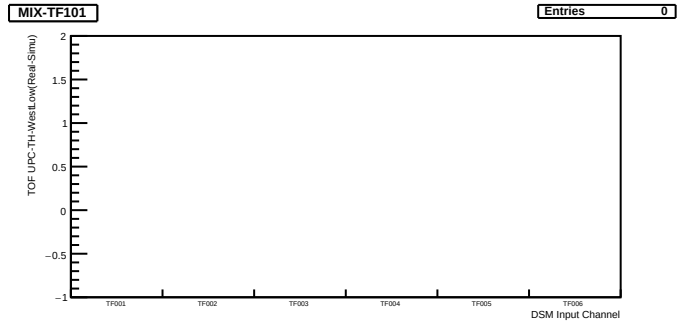

MIX-TF005
Entries 1.256113e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

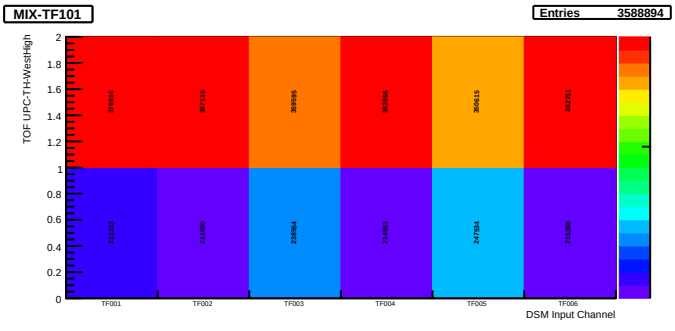

MIX-TF006
Entries 1.256113e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

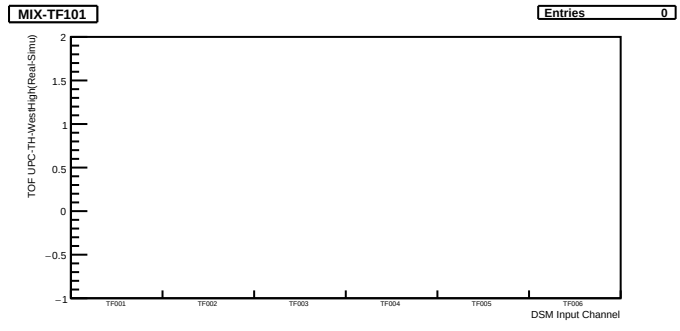

MIX-TF101
Entries 3588894
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

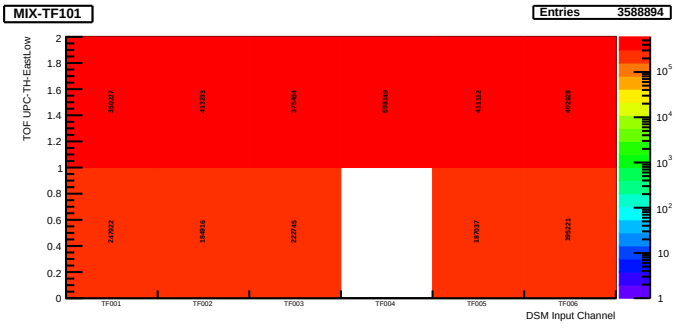

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

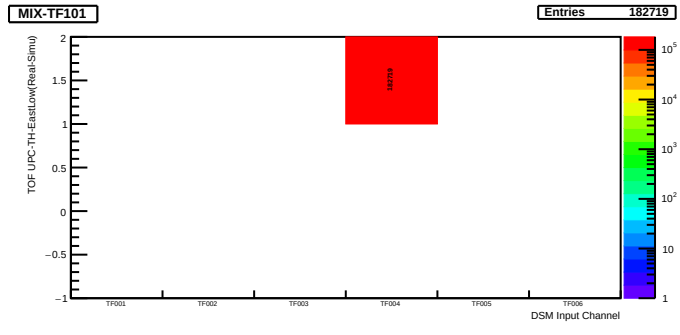

MIX-TF101
Entries 3588894
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

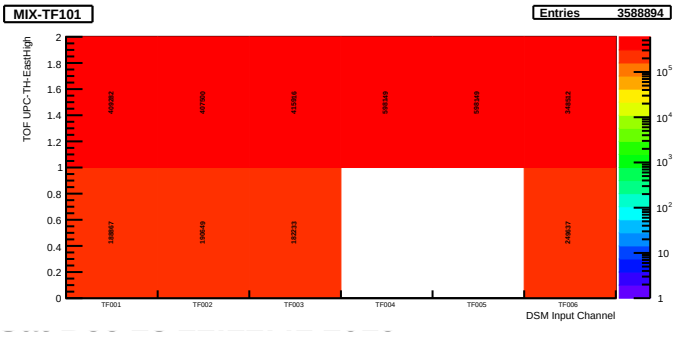

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

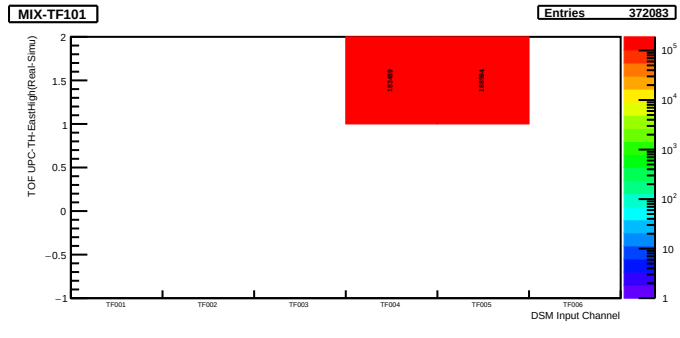

MIX-TF101
Entries 3588894
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

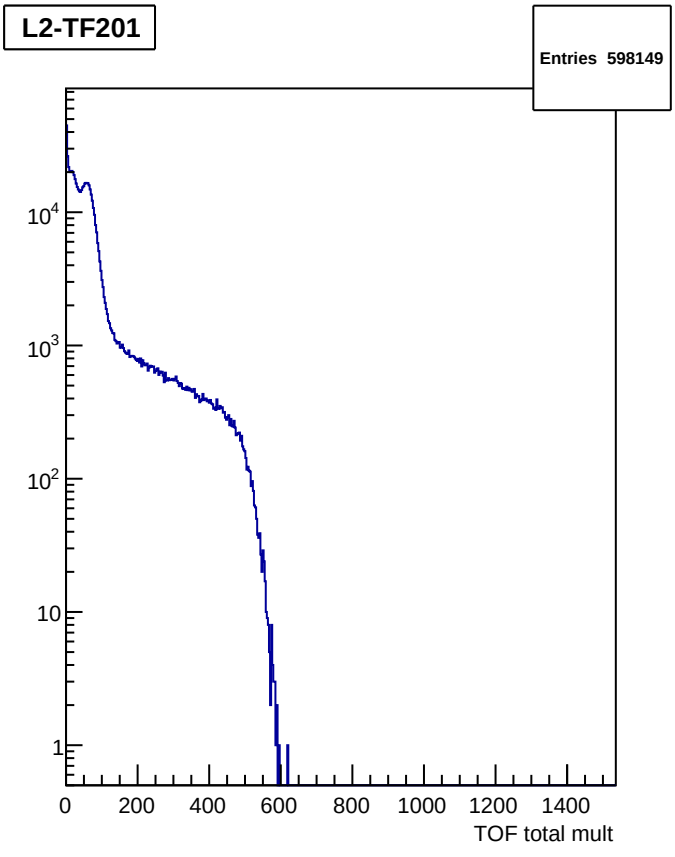

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

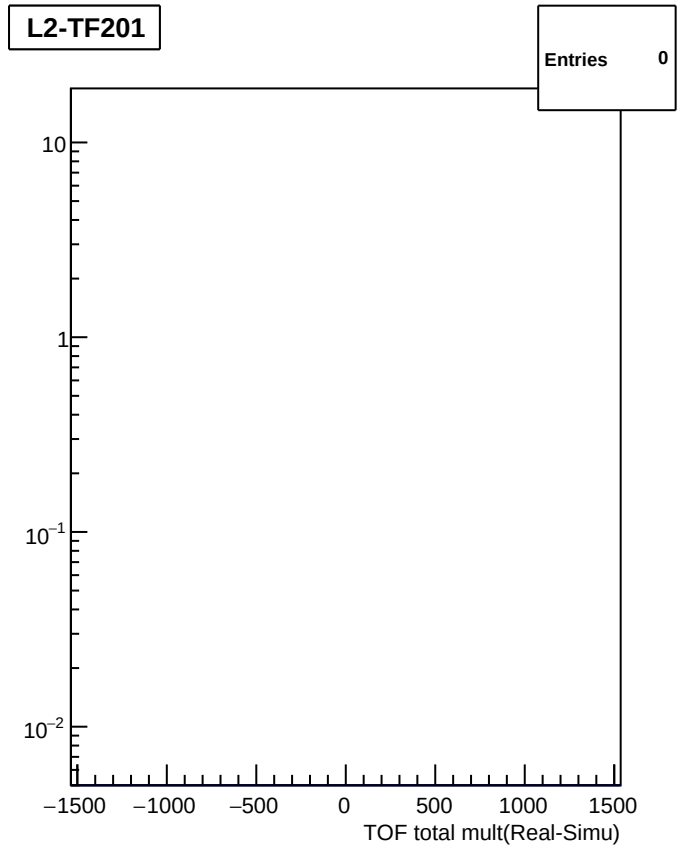

MIX-TF101
Entries 3588894
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

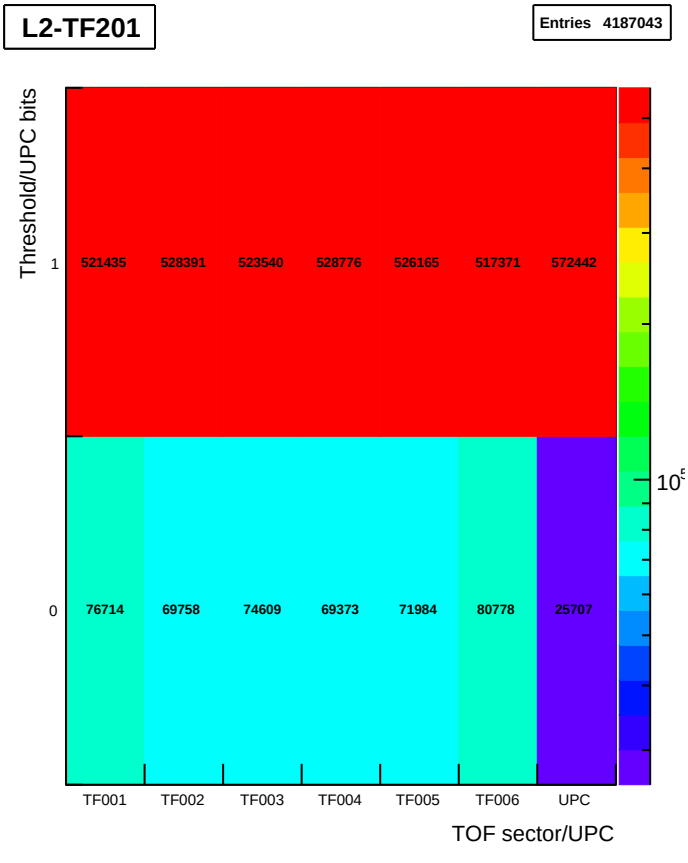

MIX-TF101
Entries 182719
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

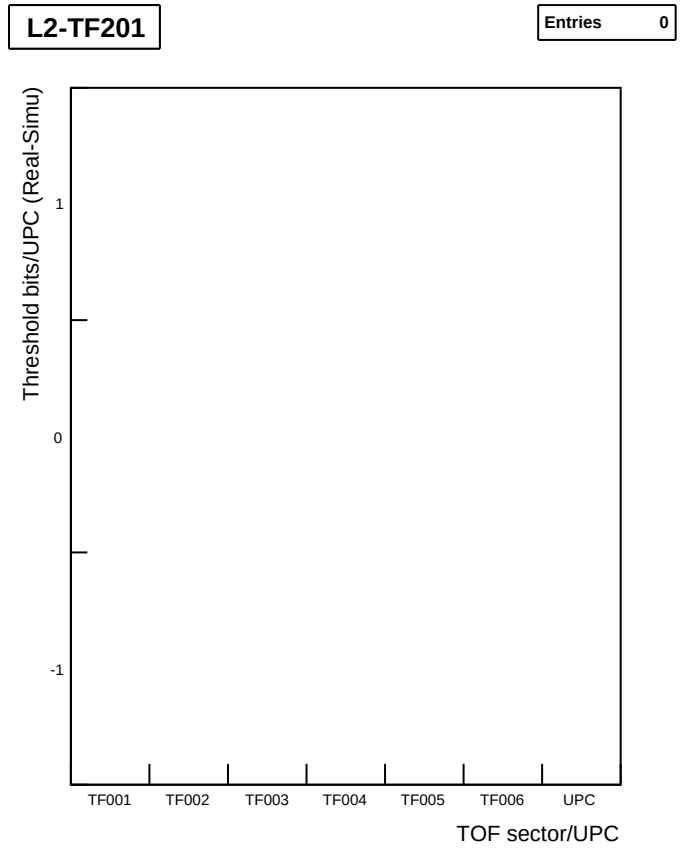

MIX-TF101
Entries 3588894
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

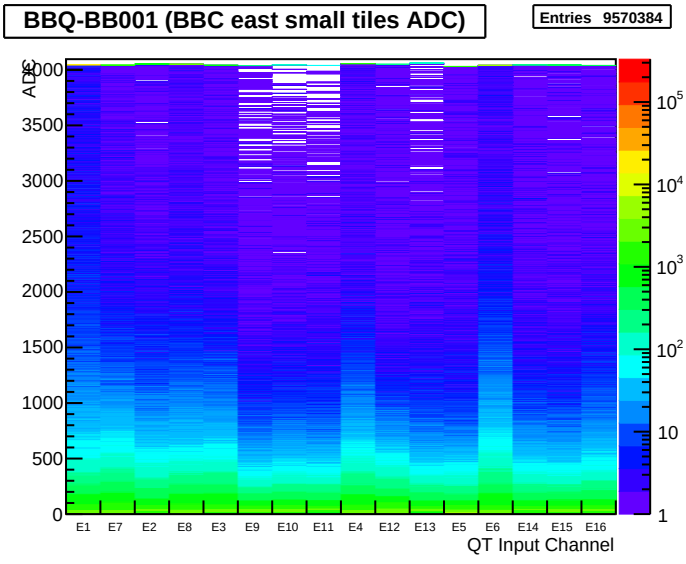

MIX-TF101
Entries 372083
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

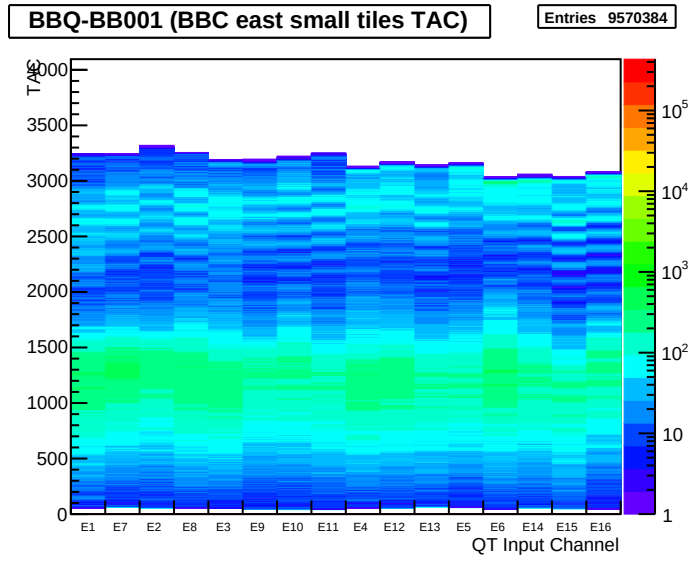

L2-TF201
Entries 598149
TOF total mult

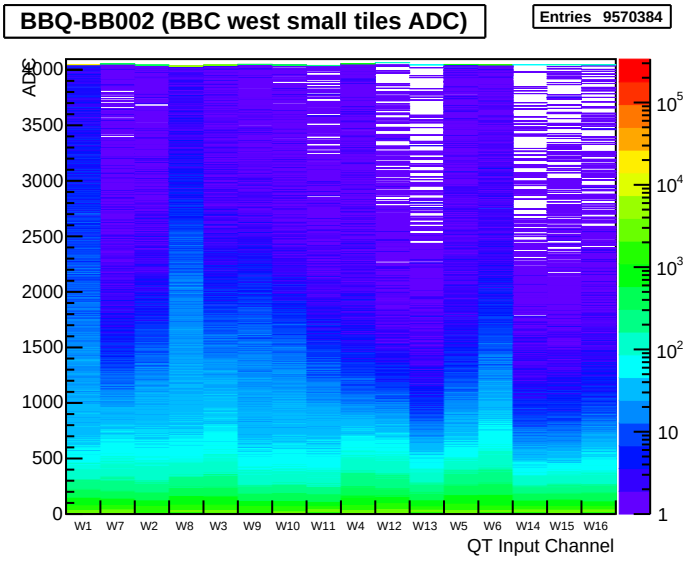

L2-TF201
Entries 0
TOF total mult(Real-Simu)

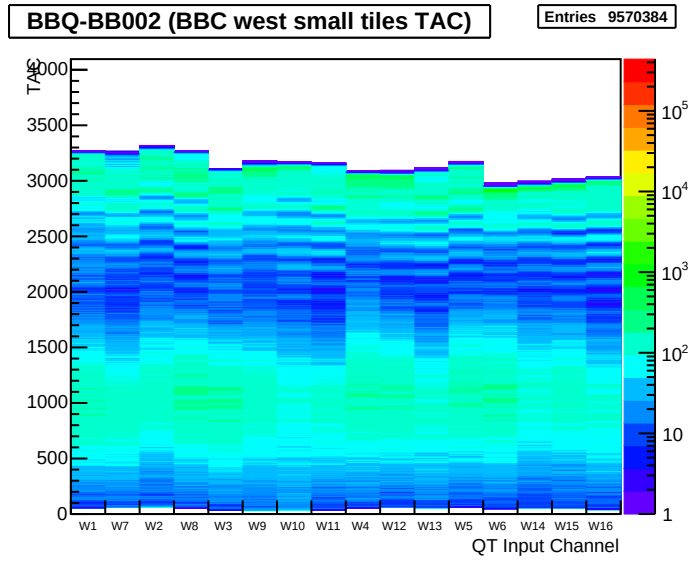

L2-TF201
Entries 4187043
Threshold/UPC bits
521435
528391
523540
528776
526165
517371
572442
76714
69758
74609
69373
71984
80778
25707
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

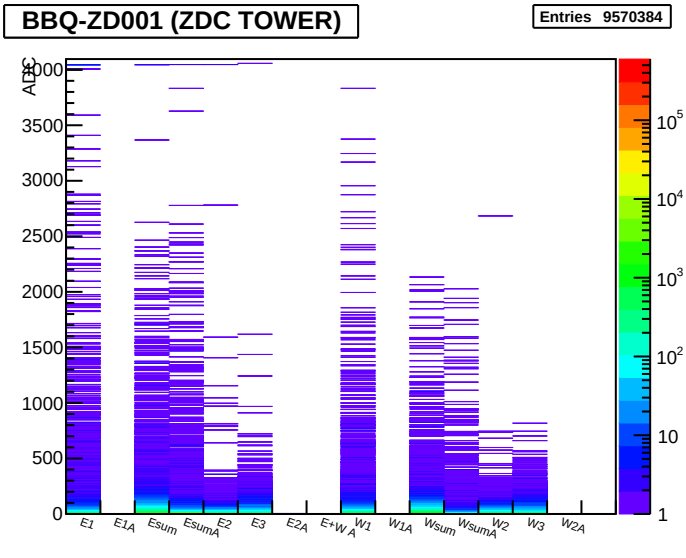

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

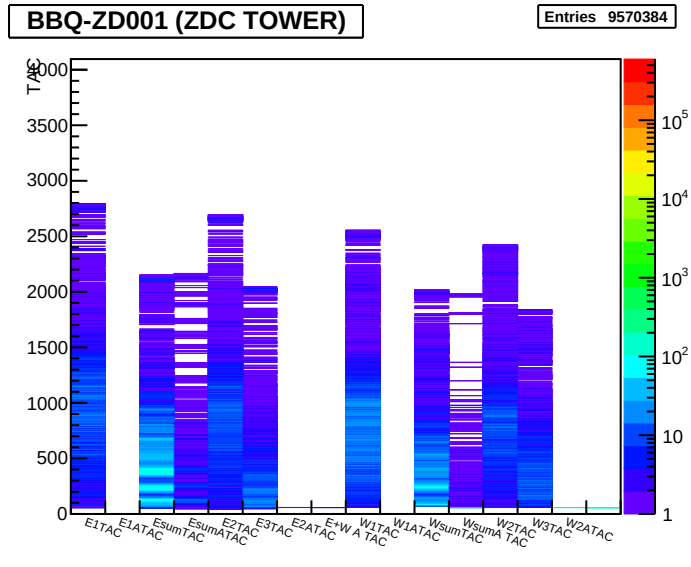

BBQ-BB001 (BBC east small tiles ADC)
Entries 9570384
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

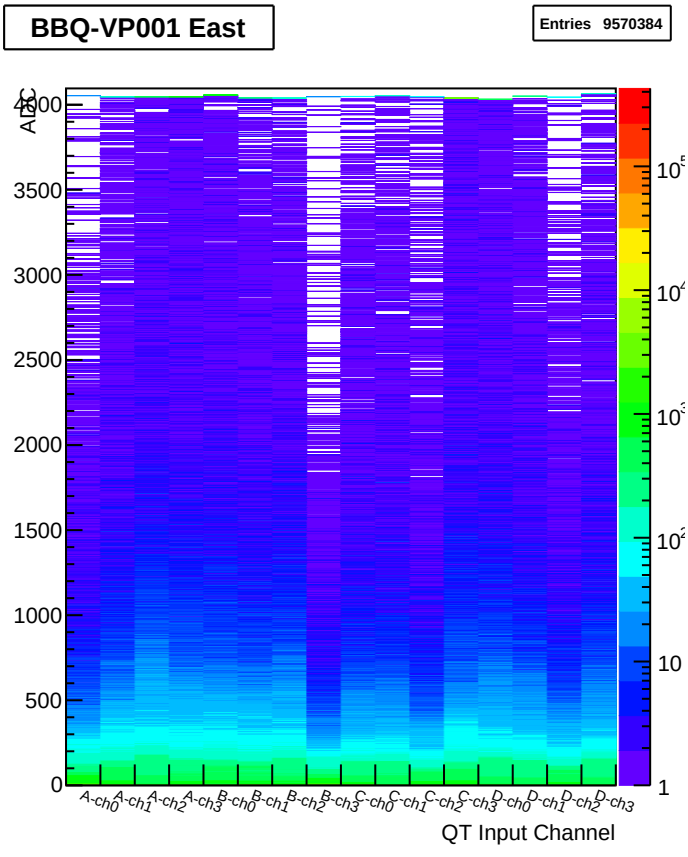

BBQ-BB001 (BBC east small tiles TAC)
Entries 9570384
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

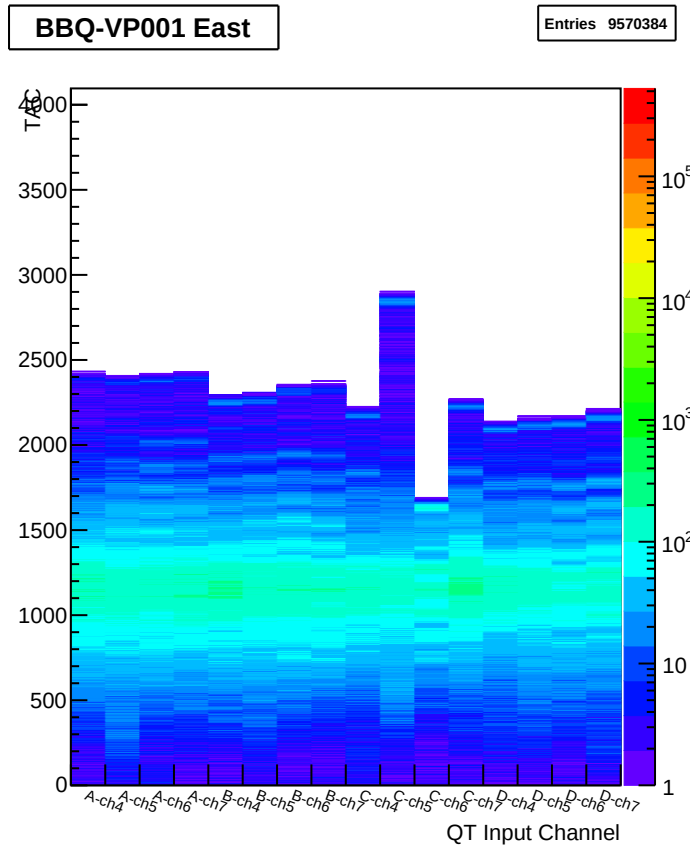

BBQ-BB002 (BBC west small tiles ADC)
Entries 9570384
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

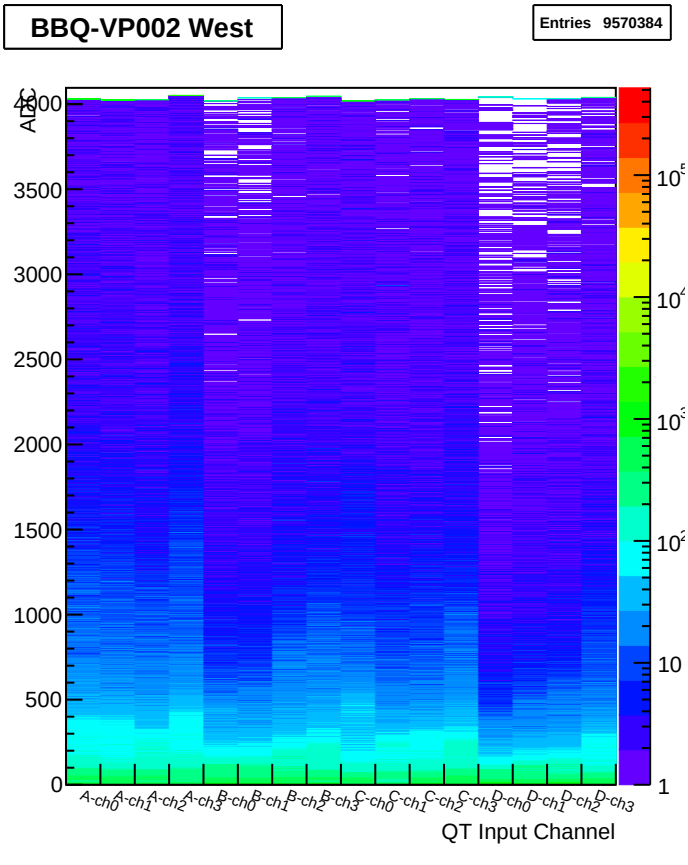

BBQ-BB002 (BBC west small tiles TAC)
Entries 9570384
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

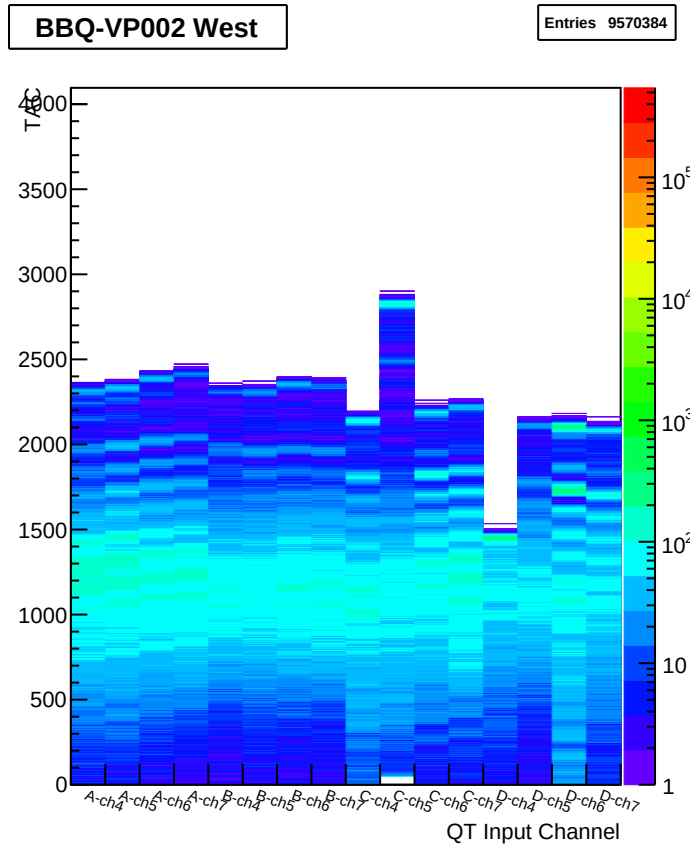

BBQ-ZD001 (ZDC TOWER)
Entries 9570384
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

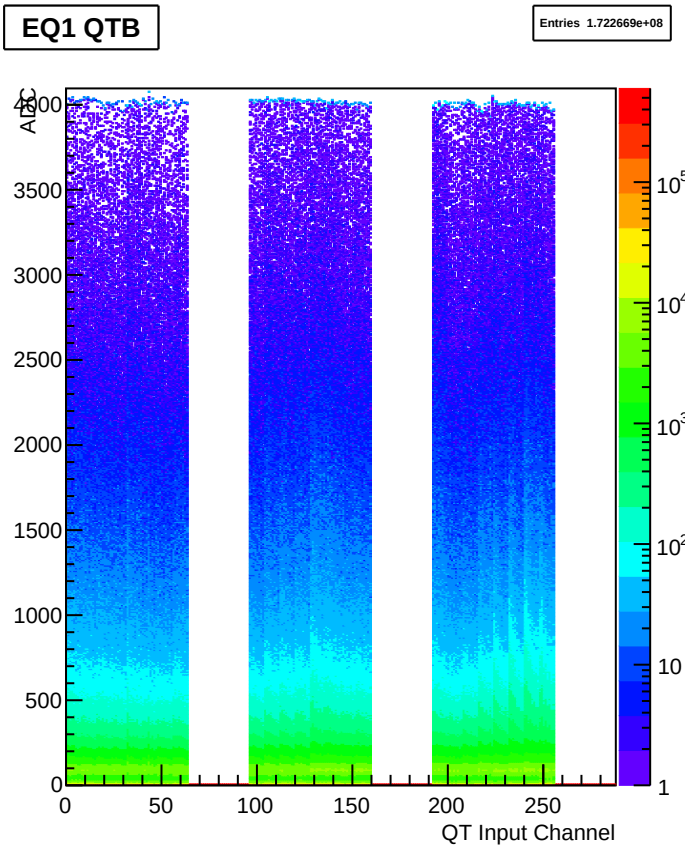

BBQ-ZD001 (ZDC TOWER)
Entries 9570384
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

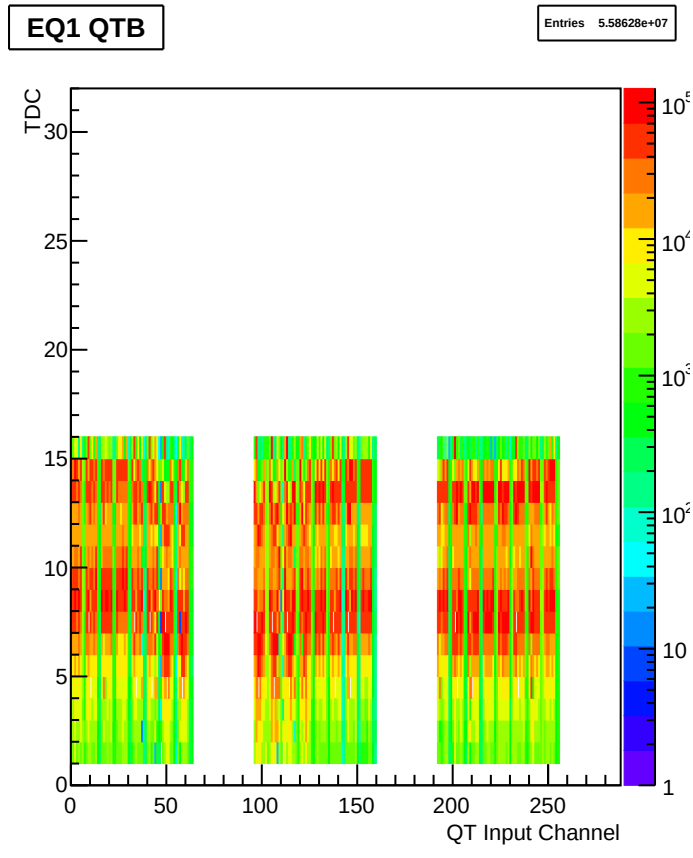

BBQ-VP001 East
Entries 9570384
ADC
QT Input Channel

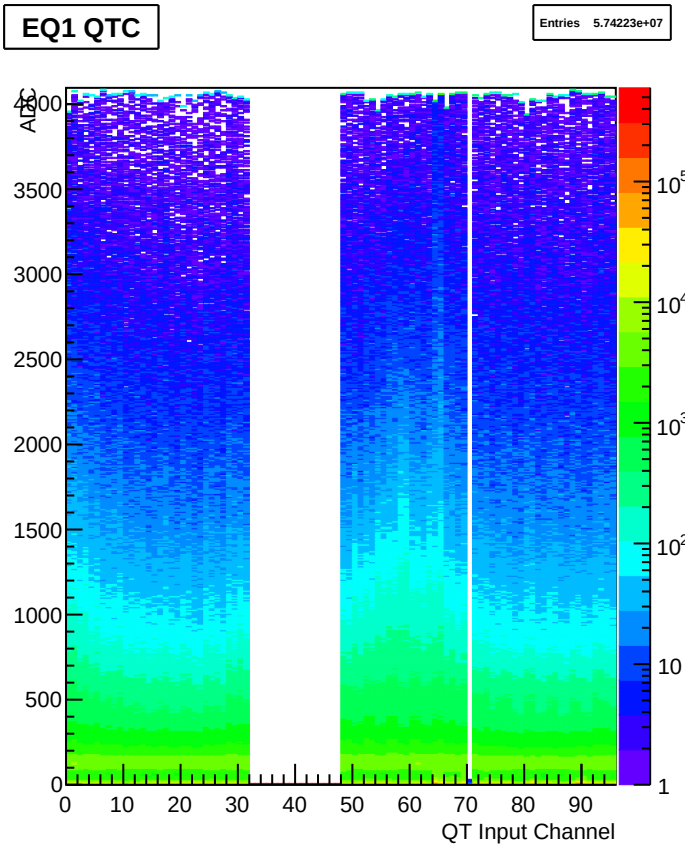

BBQ-VP001 East
Entries 9570384
ADC
QT Input Channel

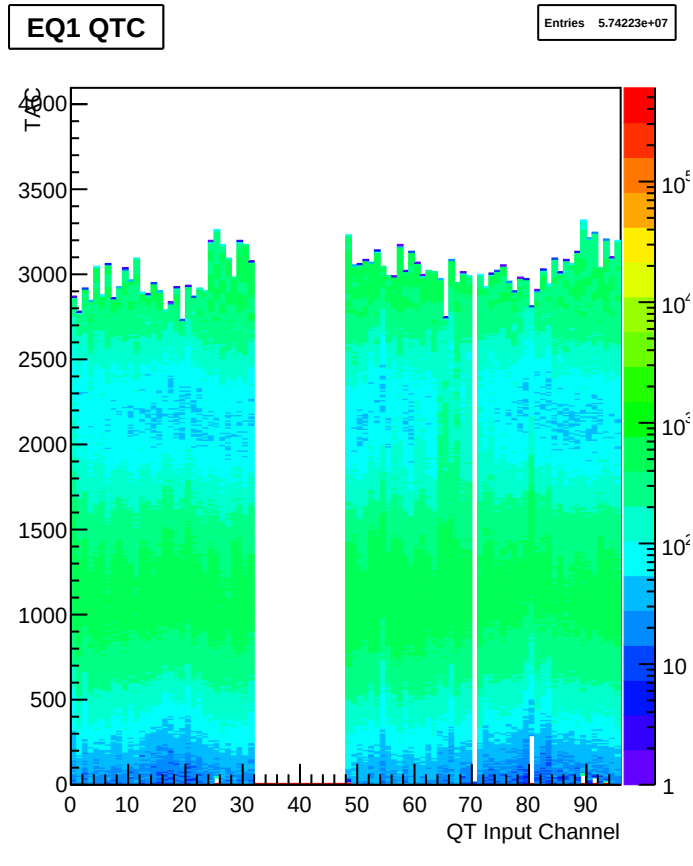

BBQ-VP002 West
Entries 9570384
ADC
QT Input Channel

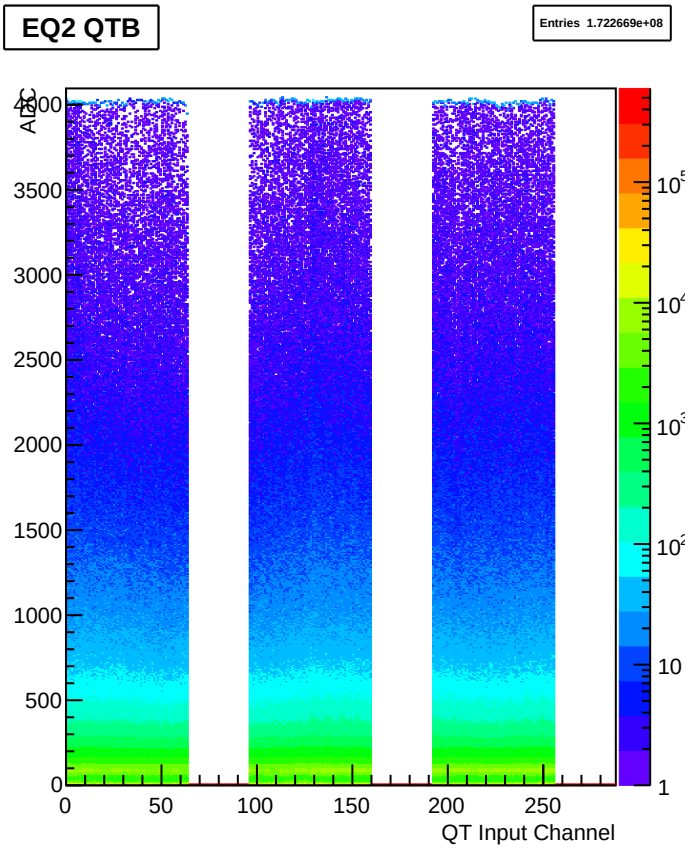

BBQ-VP002 West
Entries 9570384
ADC
QT Input Channel

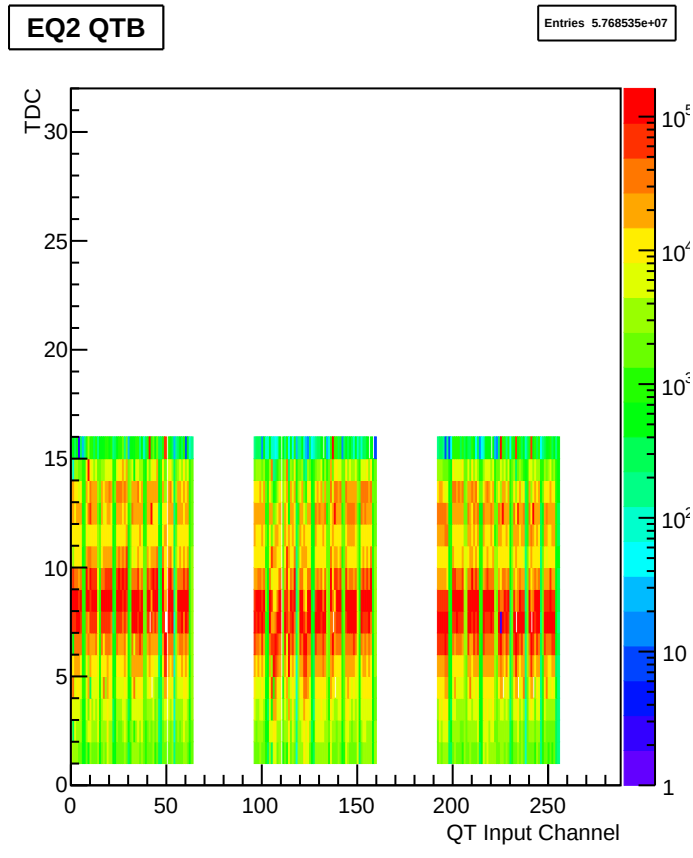

EQ1 QTB
Entries 1.722669e+08
ADC
QT Input Channel

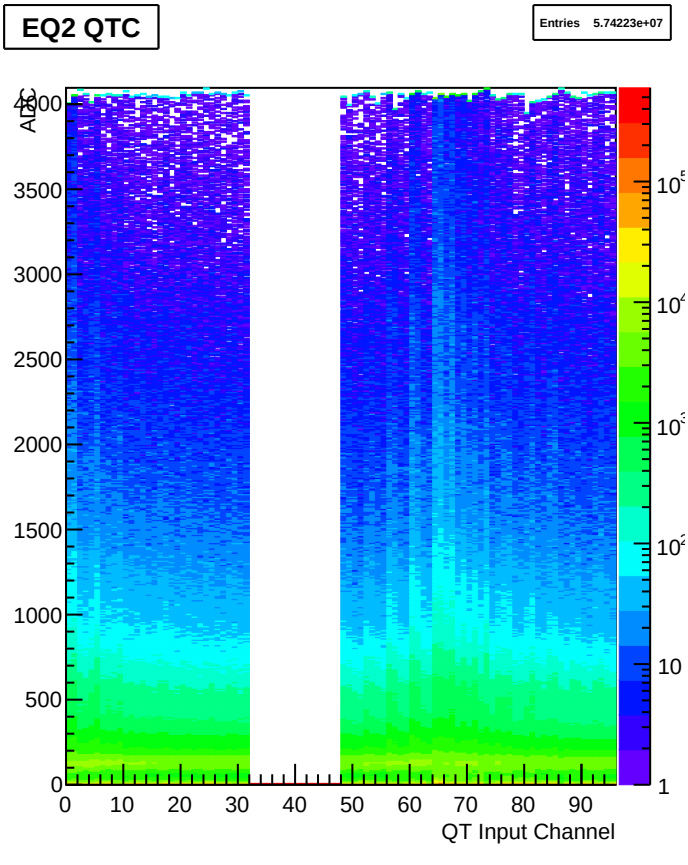

EQ1 QTB
Entries 5.58628e+07
TDC
QT Input Channel

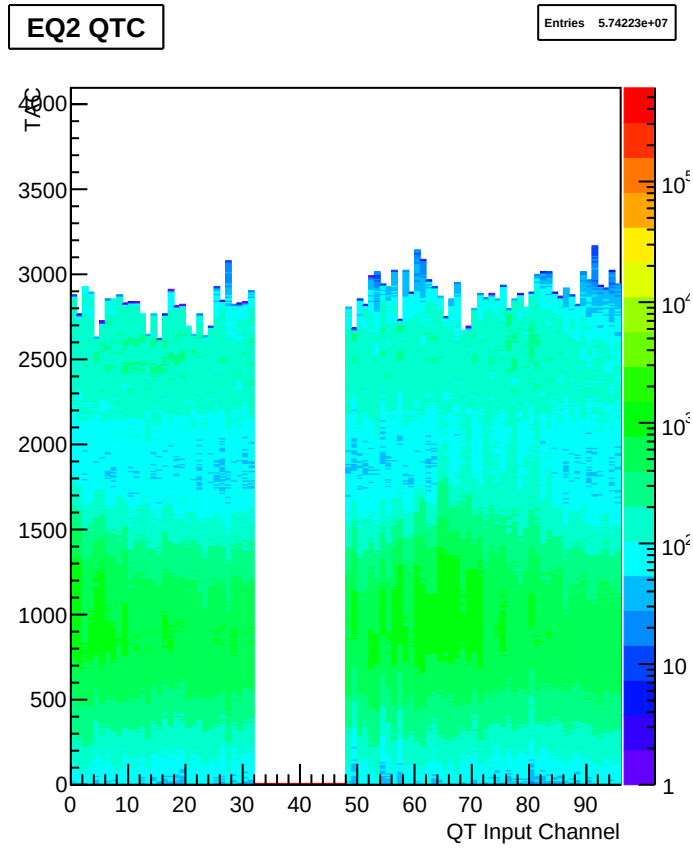

EQ1 QTC
Entries 5.74223e+07
ADC
QT Input Channel

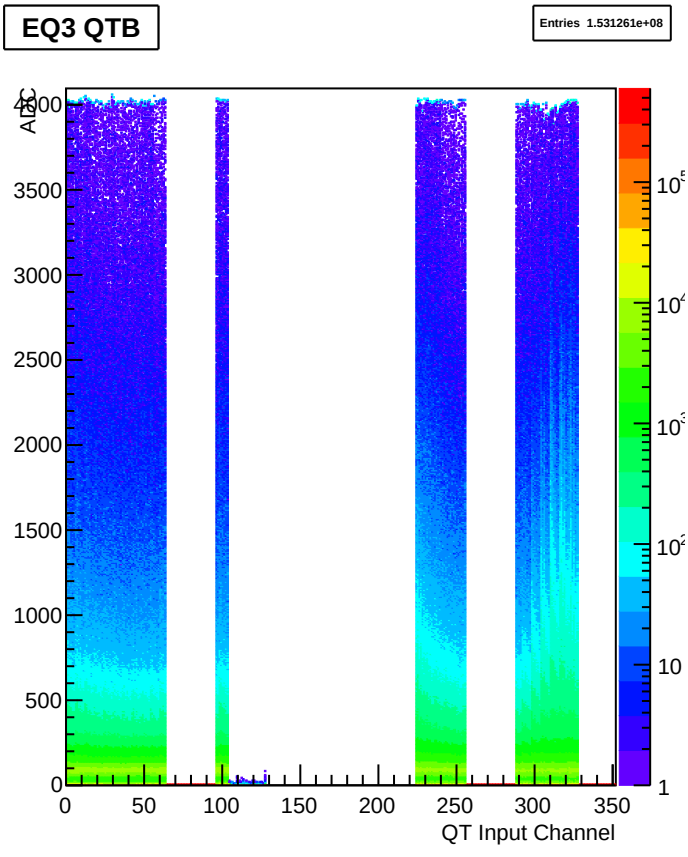

EQ1 QTC
Entries 5.74223e+07
TADC
QT Input Channel

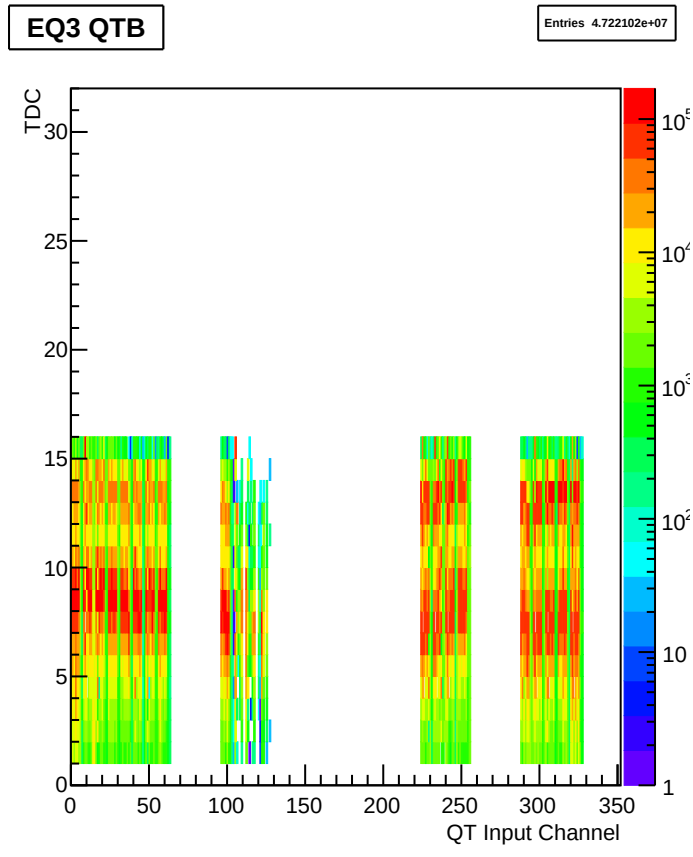

EQ2 QTB
Entries 1.722669e+08
ADC
QT Input Channel

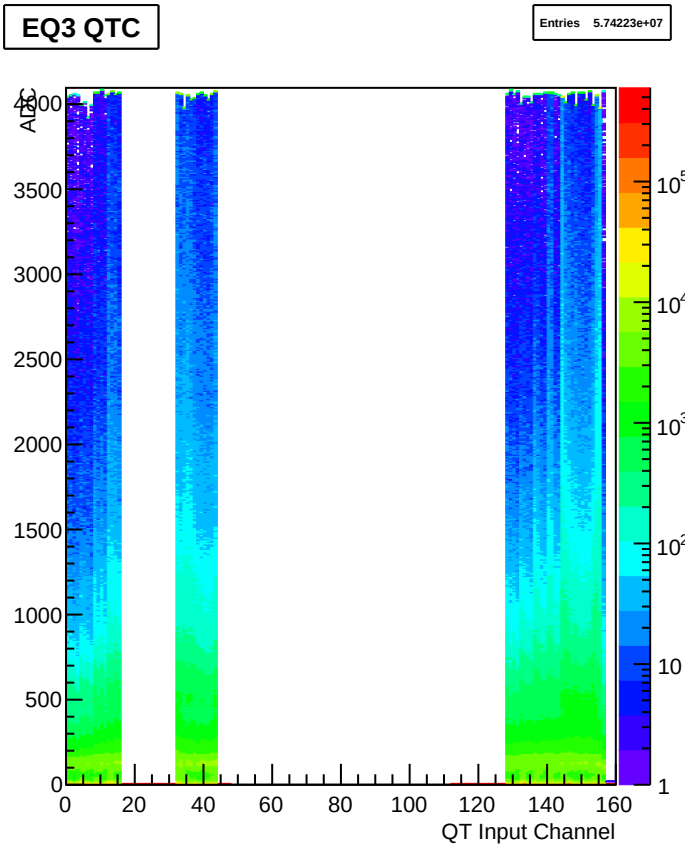

EQ2 QTB
Entries 5.768535e+07
TDC
QT Input Channel

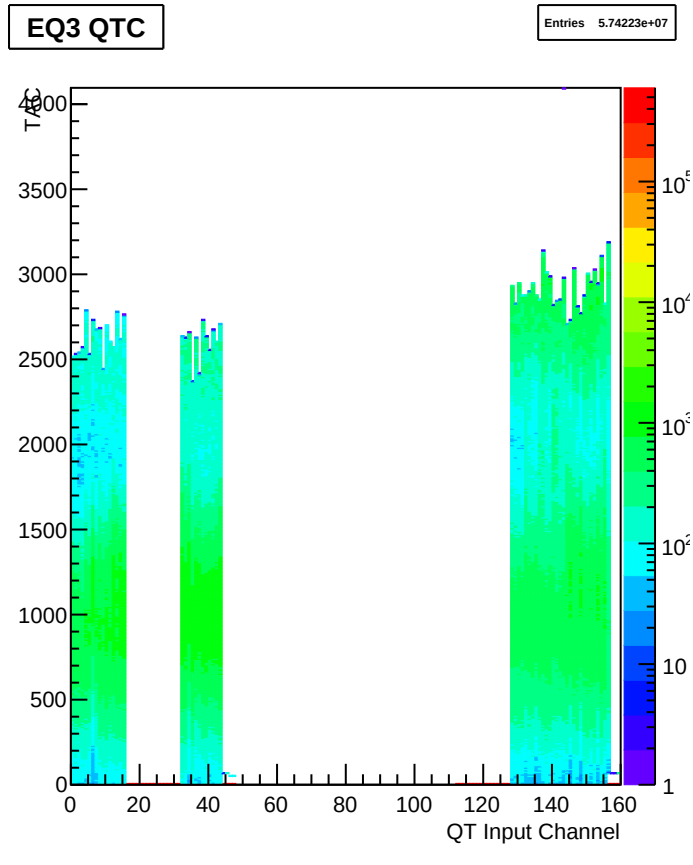

EQ2 QTC
Entries 5.74223e+07
ADC
QT Input Channel

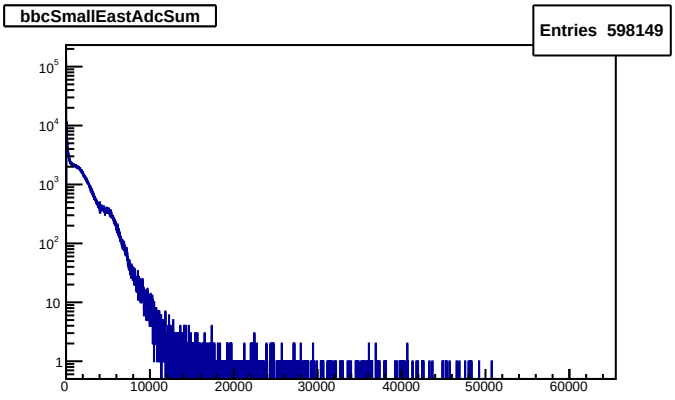

EQ2 QTC
Entries 5.74223e+07
TADC
QT Input Channel

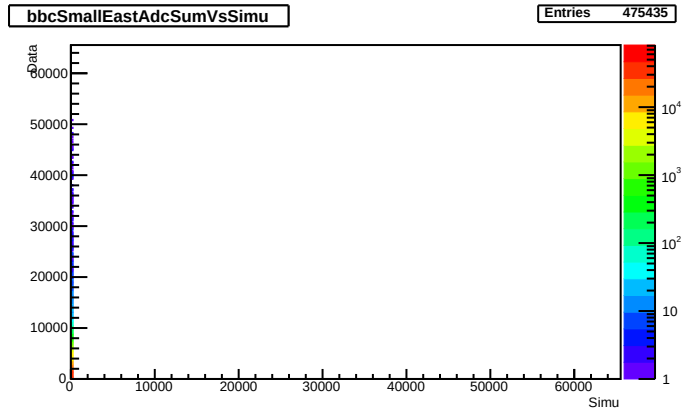

EQ3 QTB
Entries 1.531261e+08
ADC
QT Input Channel

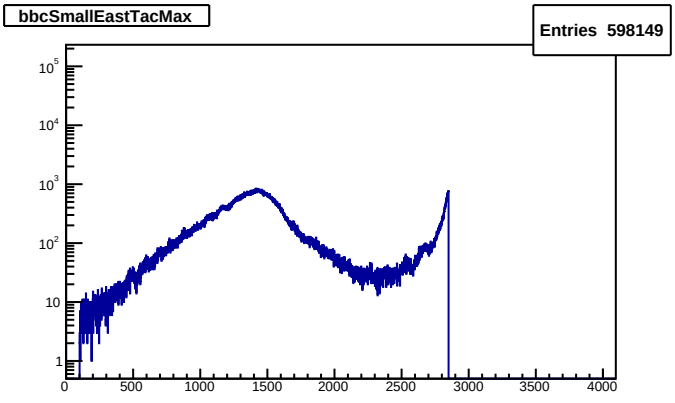

EQ3 QTB
Entries 4.722102e+07
TDC
QT Input Channel

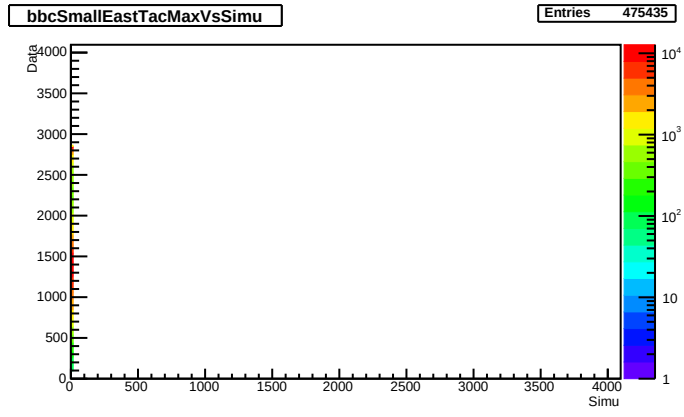

EQ3 QTC
Entries 5.74223e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.74223e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 598149


bbcSmallEastAdcSumVsSimu
Entries 475435
Data
Simu


bbcSmallEastTacMax
Entries 598149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Entries 475435
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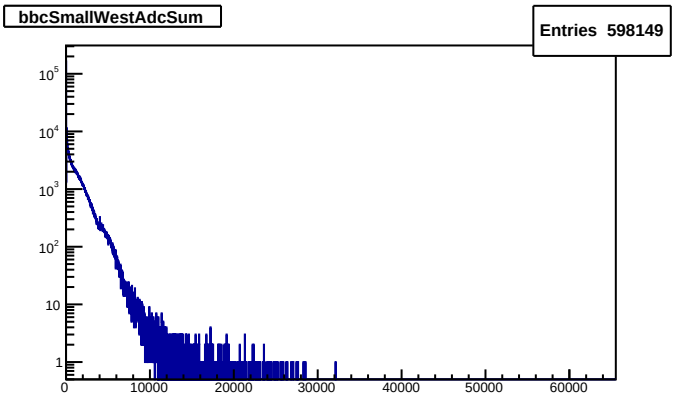
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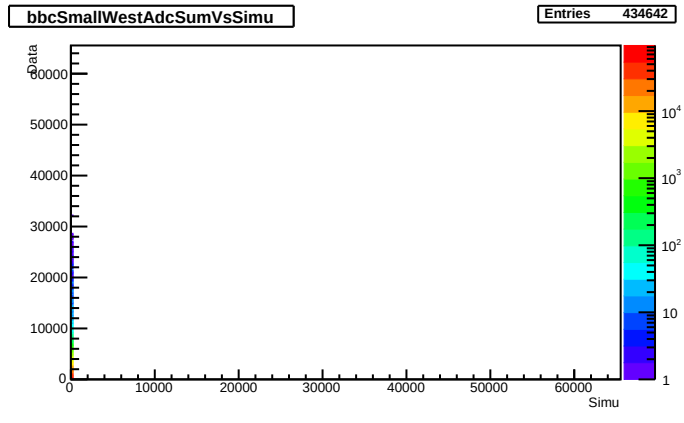
Entries 598149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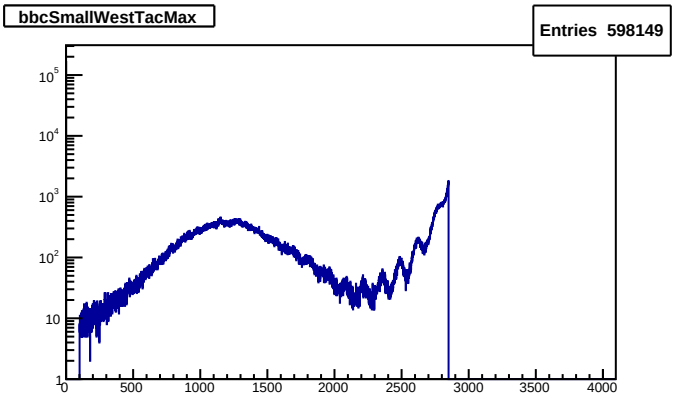
Entries 434642
Data
Simu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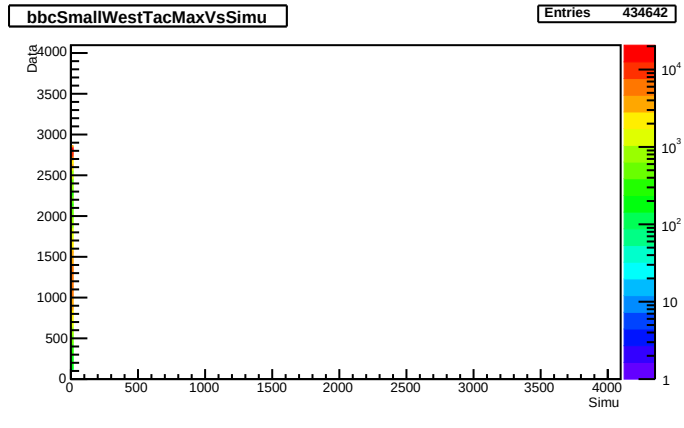
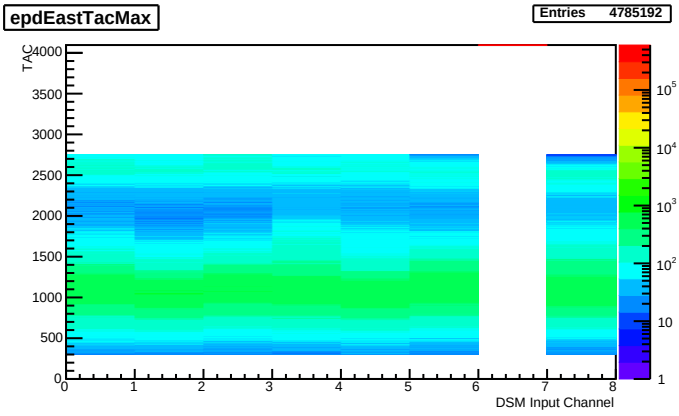

bbcSmallWestTacMaxVsSimu
Entries 434642
Data
Simu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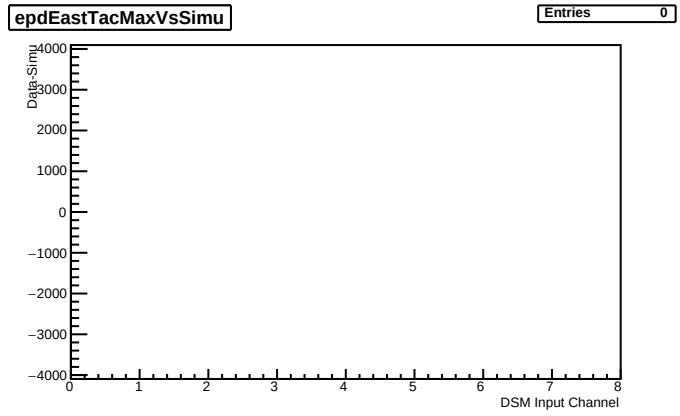
DSM Input Channel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Entries 0
Data-Simu
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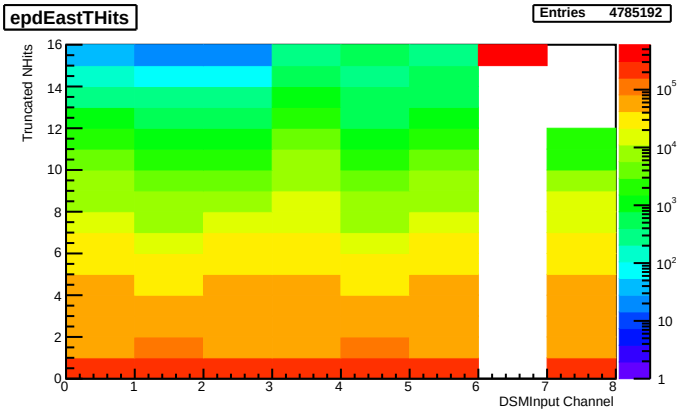
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Entries 4785192
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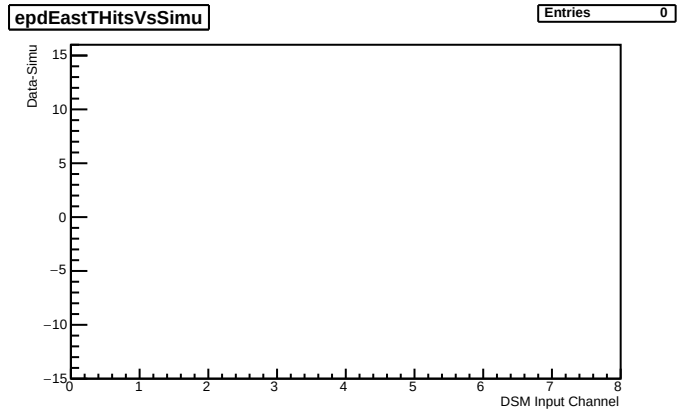
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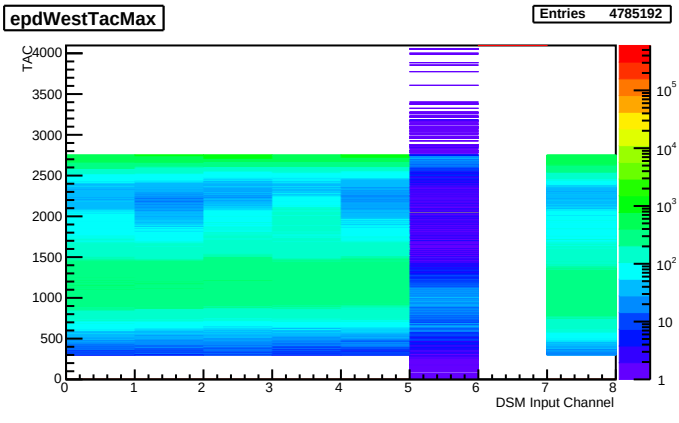
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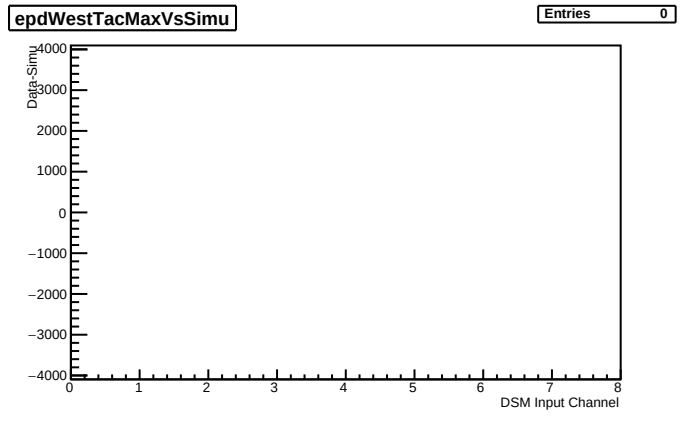
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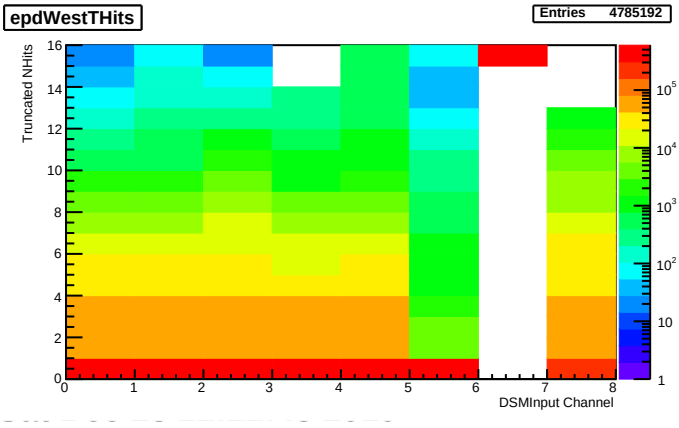
DSM Input Channel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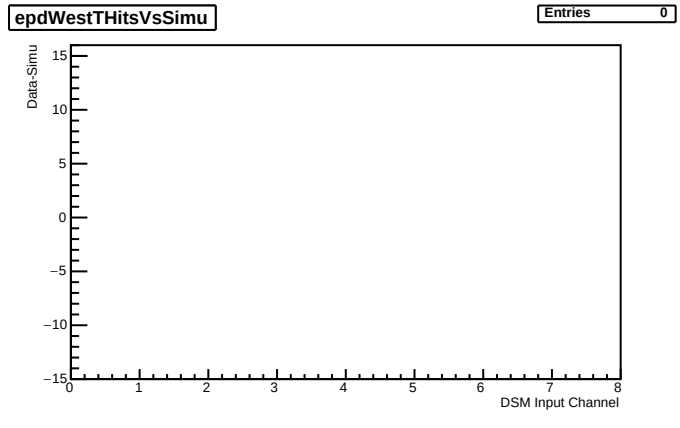
Entries 4785192
Truncated NHits
DSMInput Channel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Entries 0
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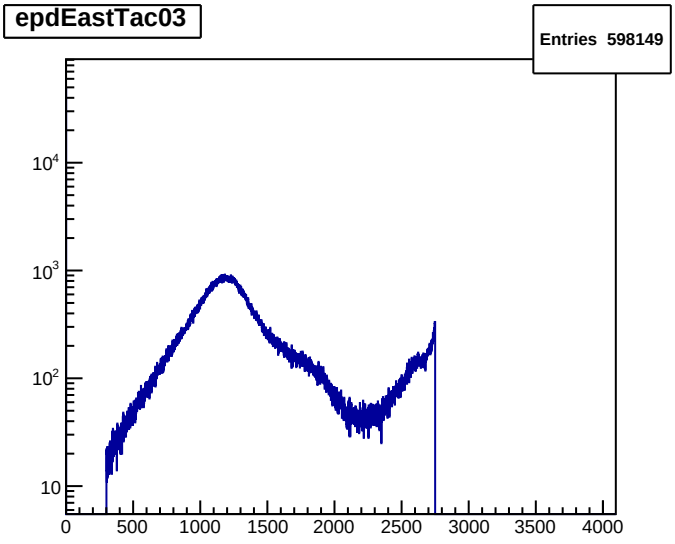
DSM Input Channel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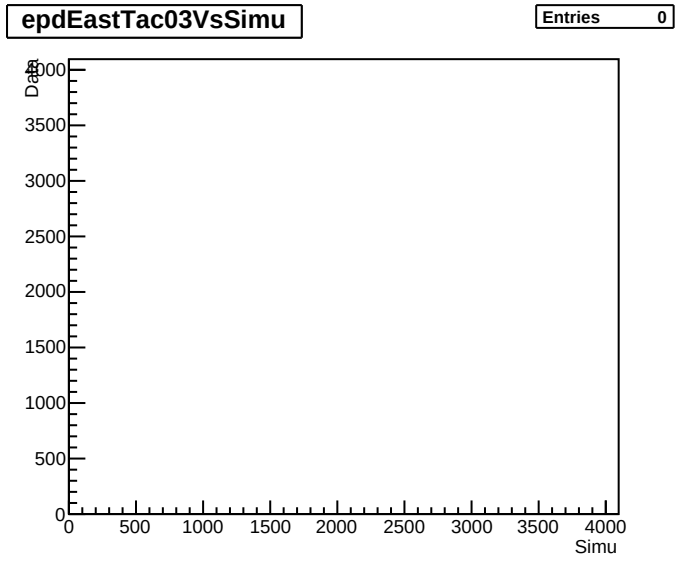
Entries 598149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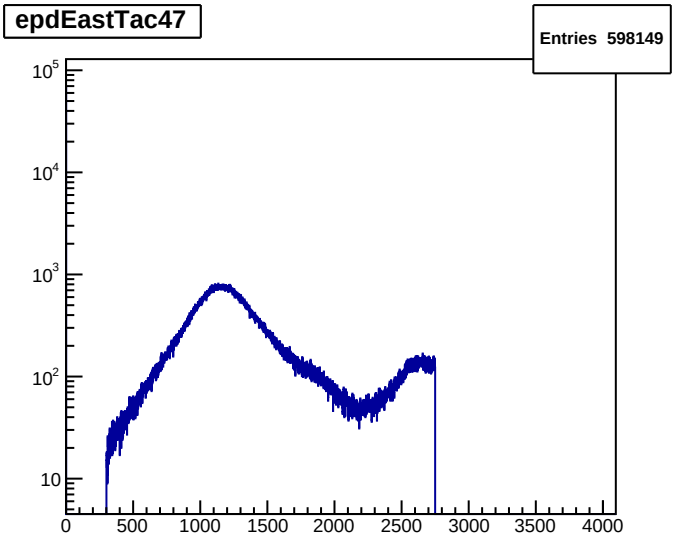
Entries 0
Data
Simu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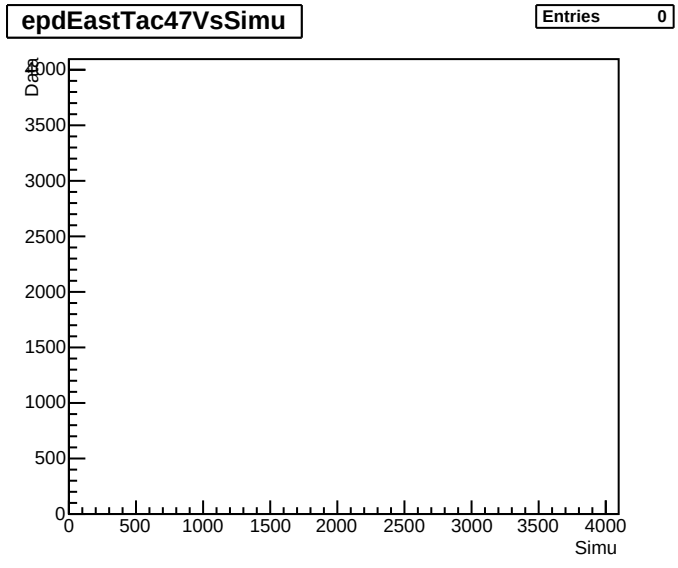
Entries 598149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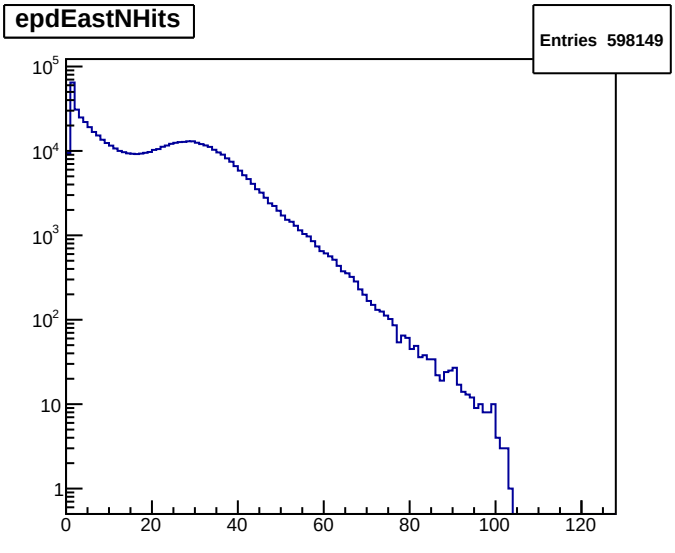
Entries 0
Data
Simu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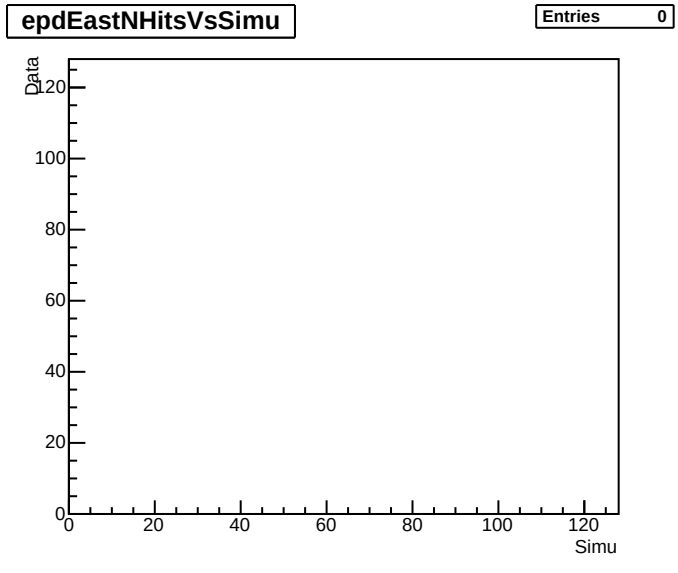
Entries 598149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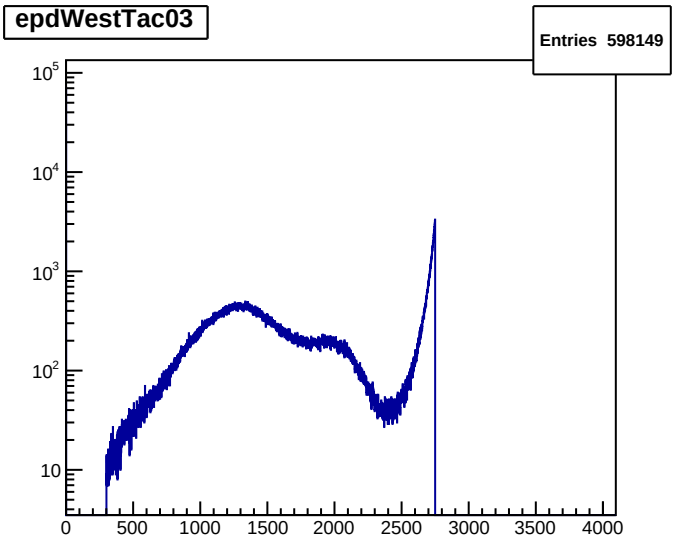
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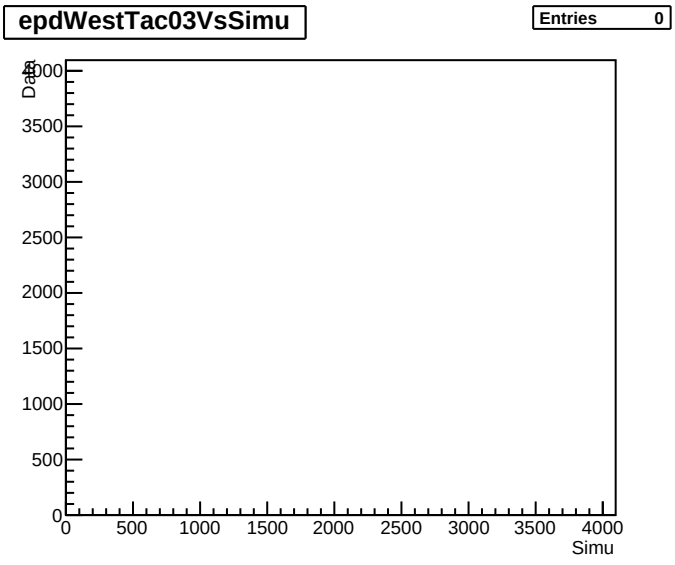
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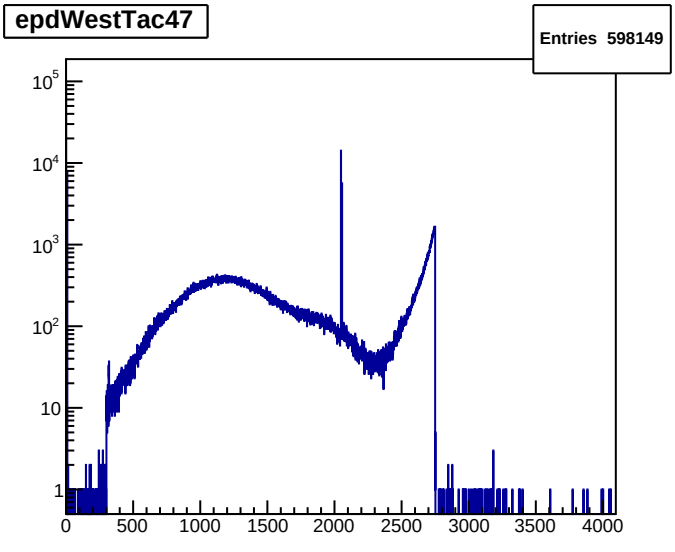
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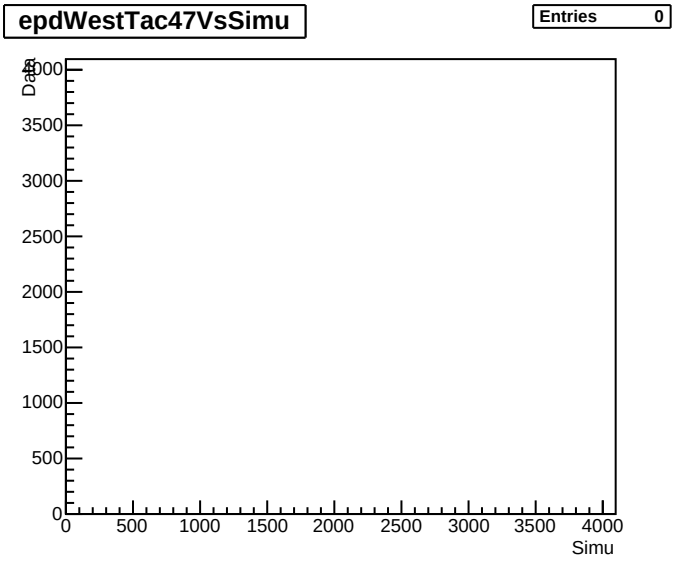
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Entries 0
Data
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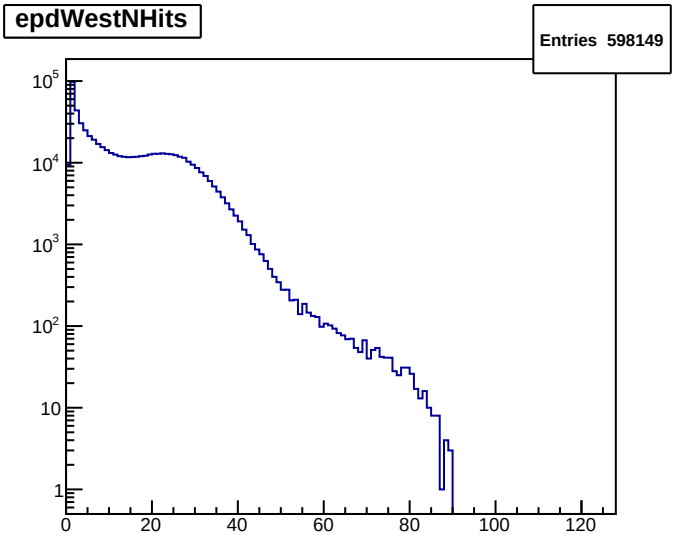
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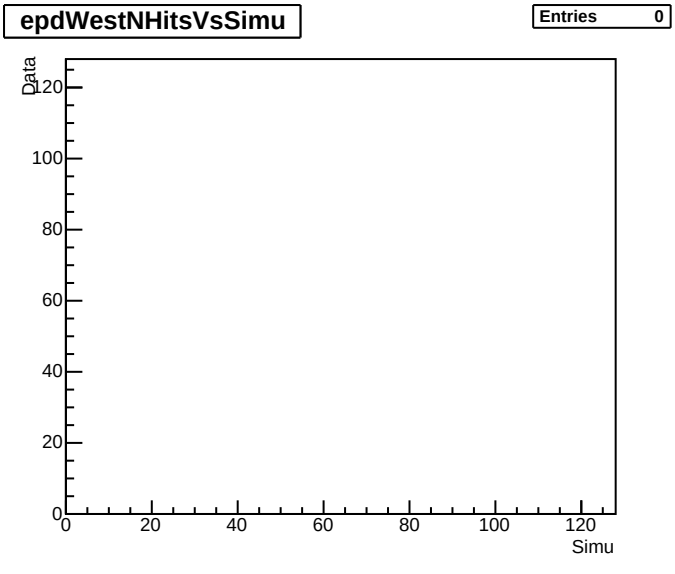
Entries 598149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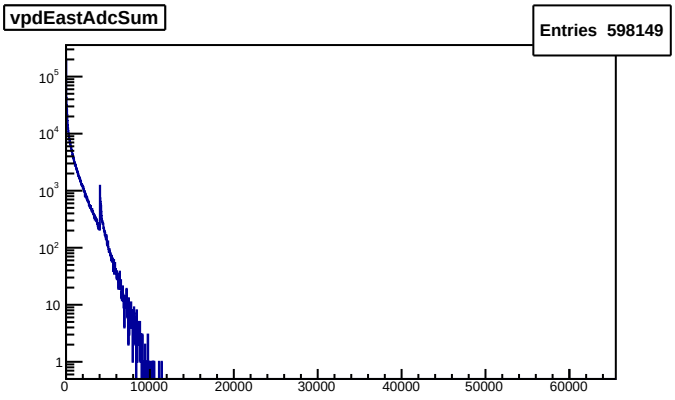
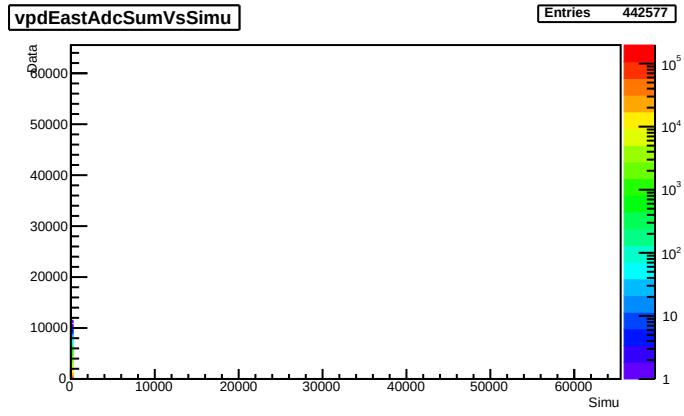
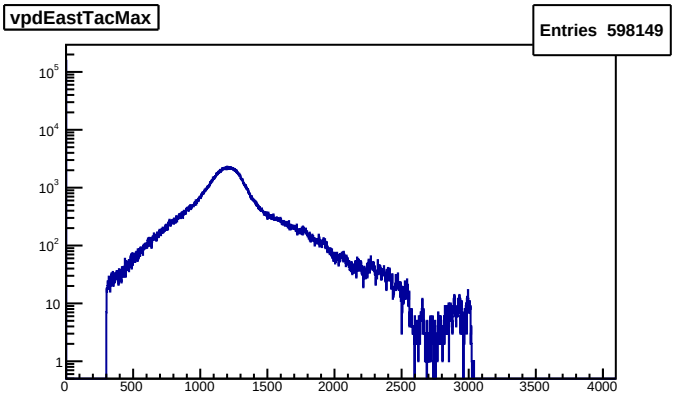
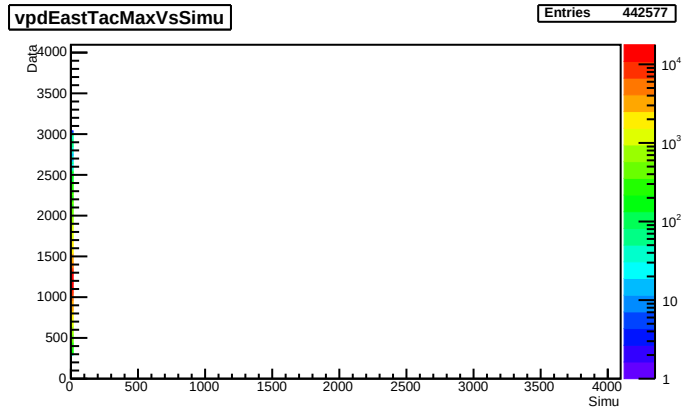
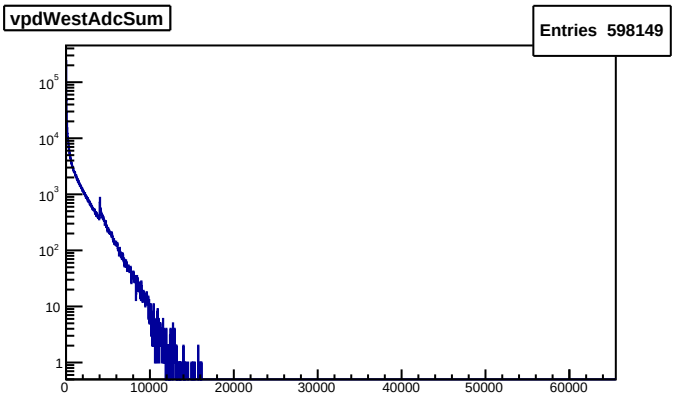
Entries 0
Data
Simu

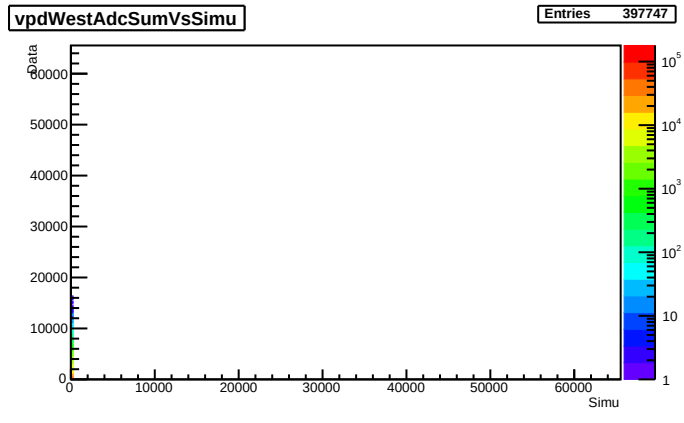

vpdEastAdcSum
Entries 598149


vpdEastAdcSumVsSimu
Entries 442577
Data
Simu


vpdEastTacMax
Entries 598149


vpdEastTacMaxVsSimu
Entries 442577
Data
Simu


vpdWestAdcSum
Entries 598149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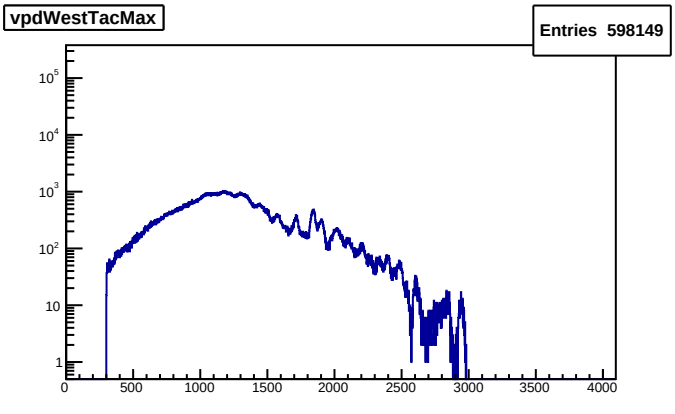
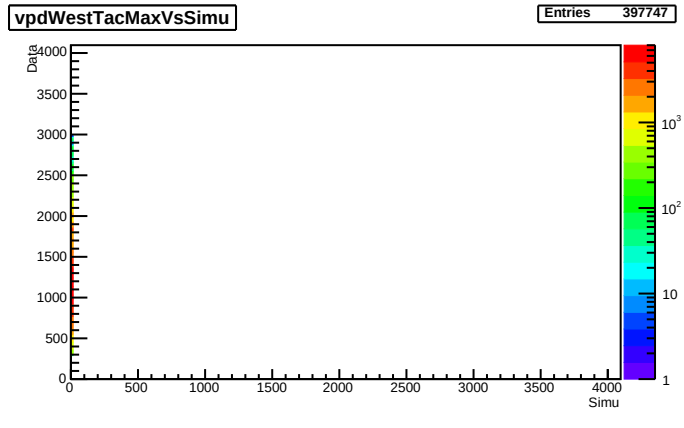
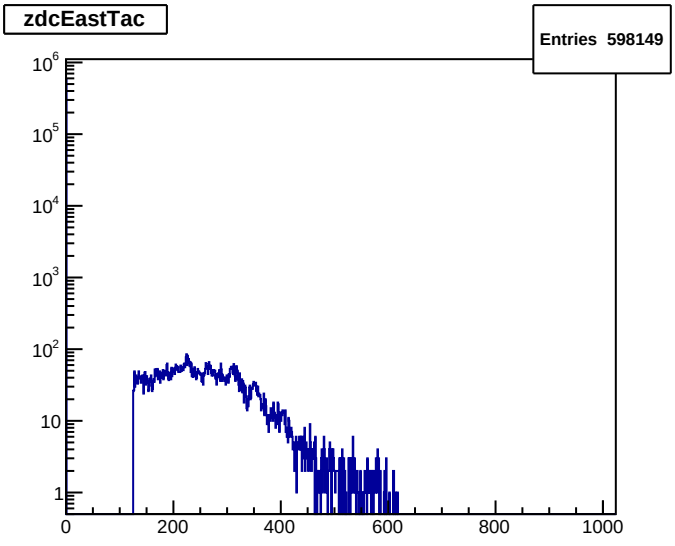
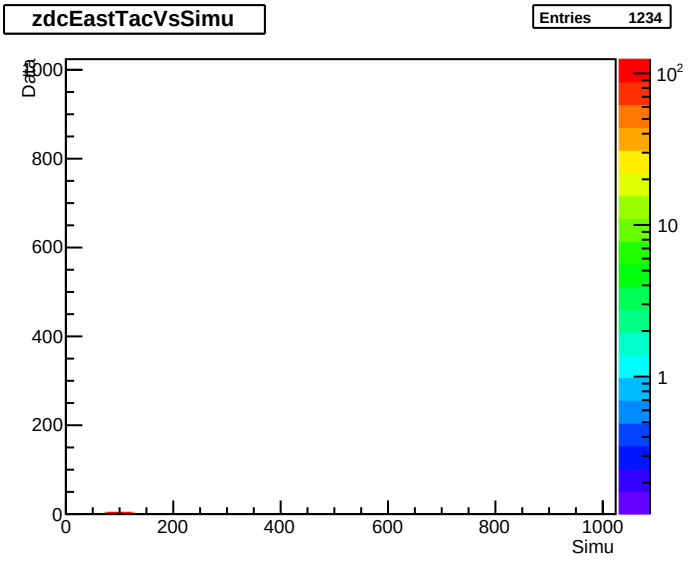
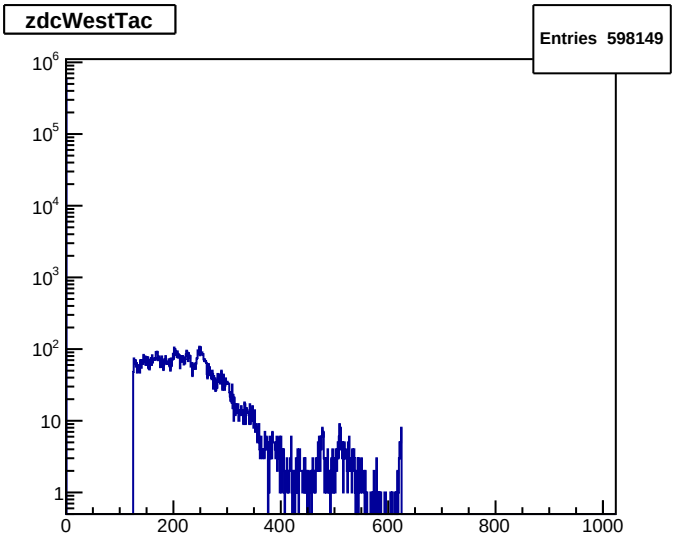
Entries 397747
Data
Simu

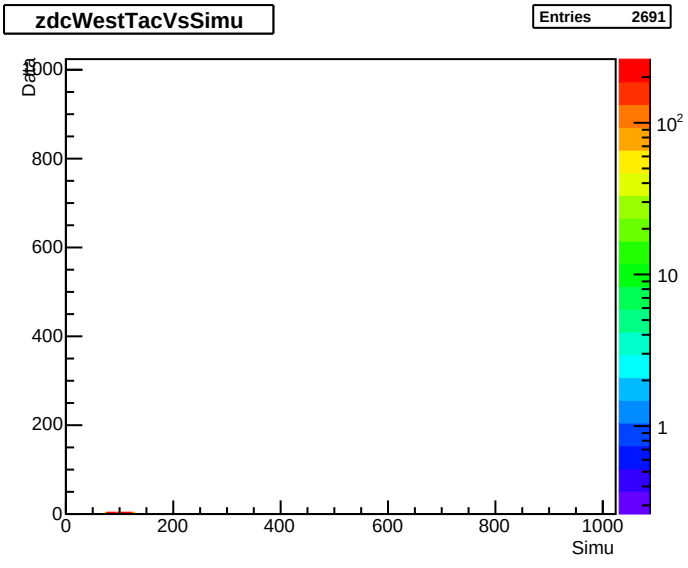

vpdWestTacMax
Entries 598149

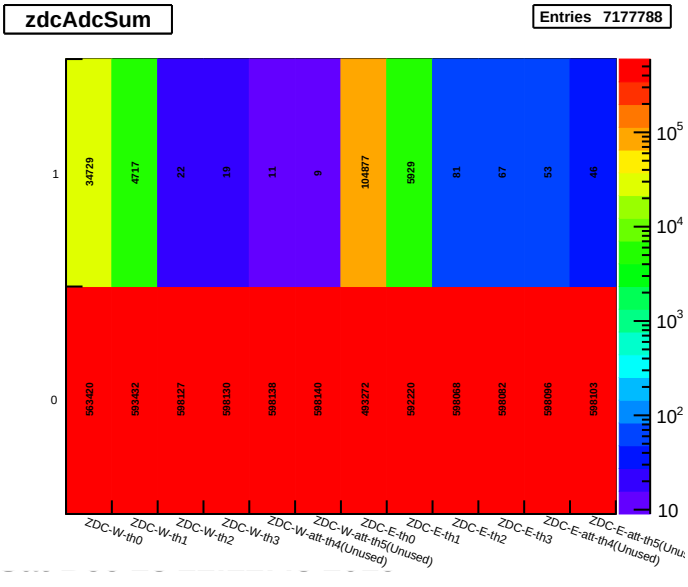

vpdWestTacMaxVsSimu
Entries 397747
Data
Simu

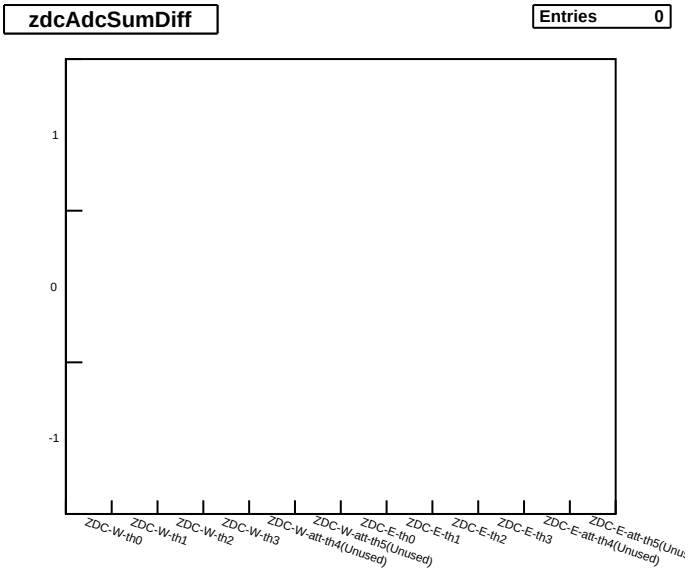

zdcEastTac
Entries 598149

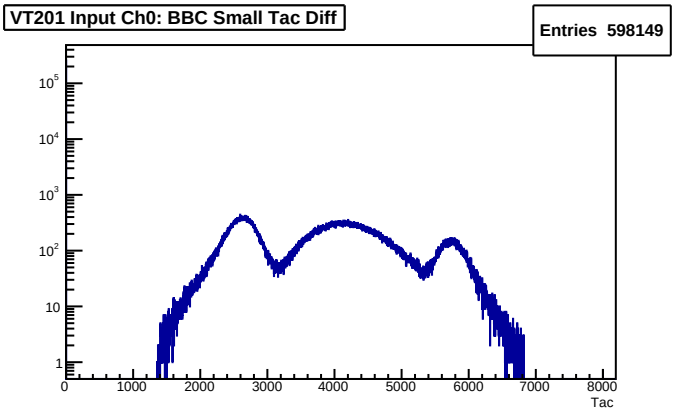

zdcEastTacVsSimu
Entries 1234
Data
Simu

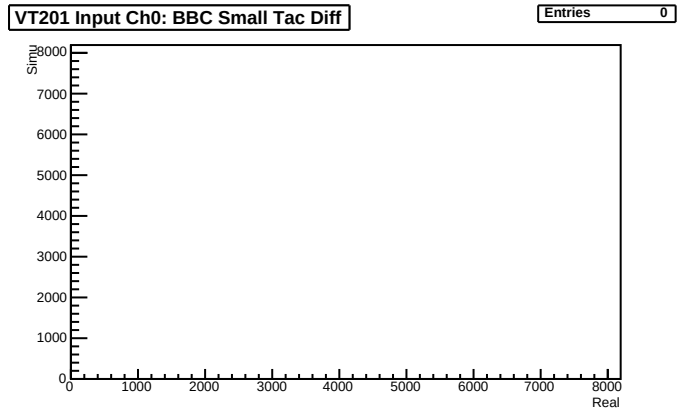

zdcWestTac
Entries 598149

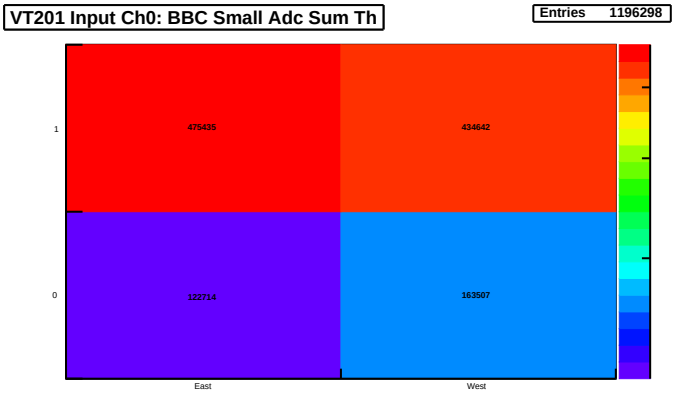

zdcWestTacVsSimu
Entries 2691
Data
Simu

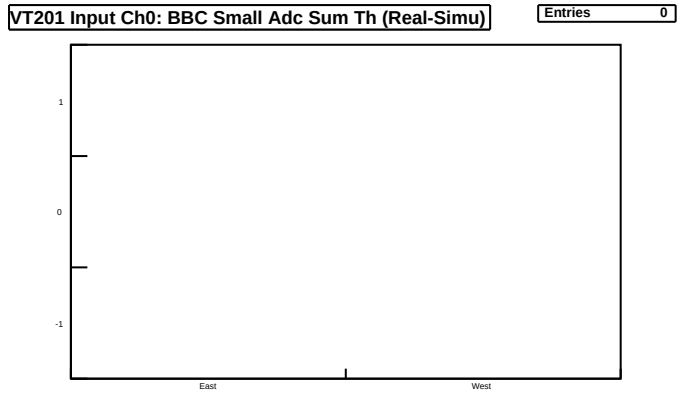

zdcAdcSum
Entries 7177788
34729
4717
22
19
11
9
104877
5929
81
67
53
46
563420
593432
598127
598130
598138
598140
493272
592220
598068
598062
598096
598103
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

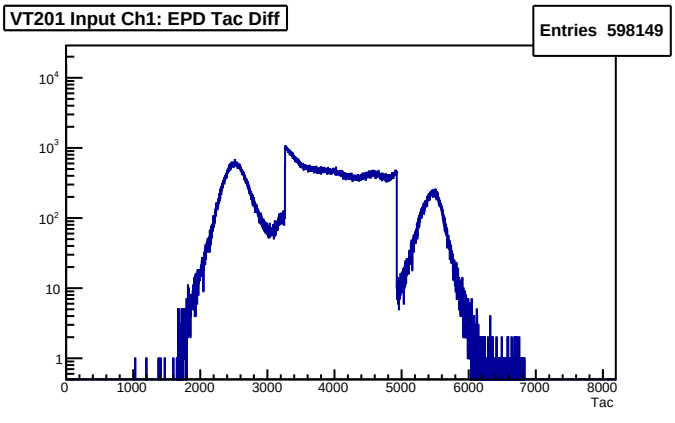

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

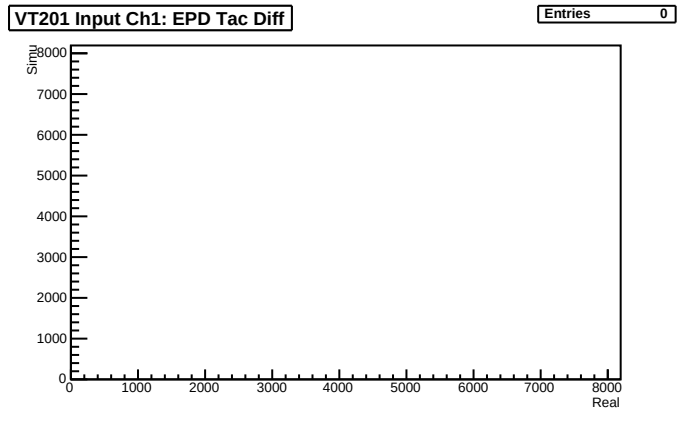

VT201 Input Ch0: BBC Small Tac Diff
Entries 598149
Tac

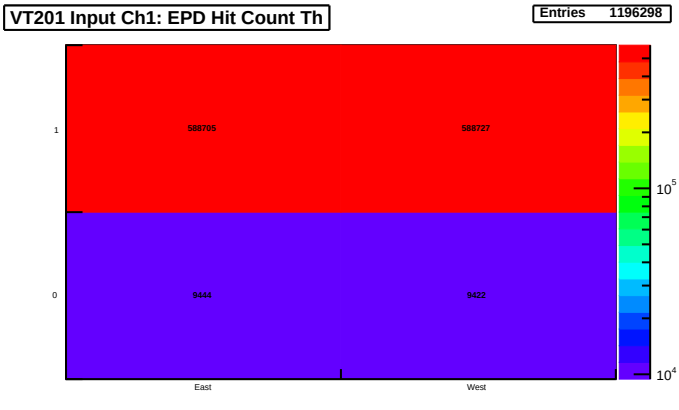

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

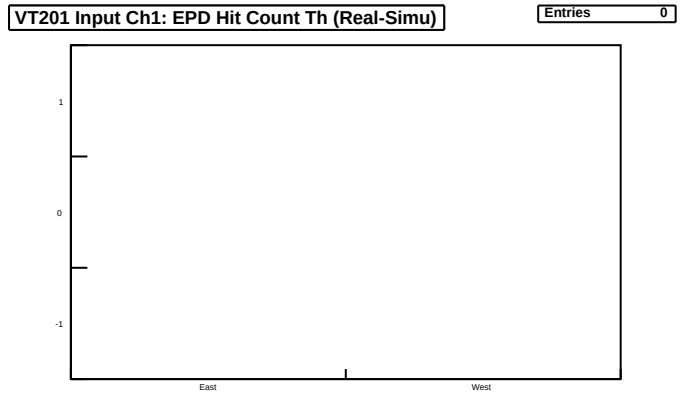

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1196298
475435
434642
122714
163507
East
West

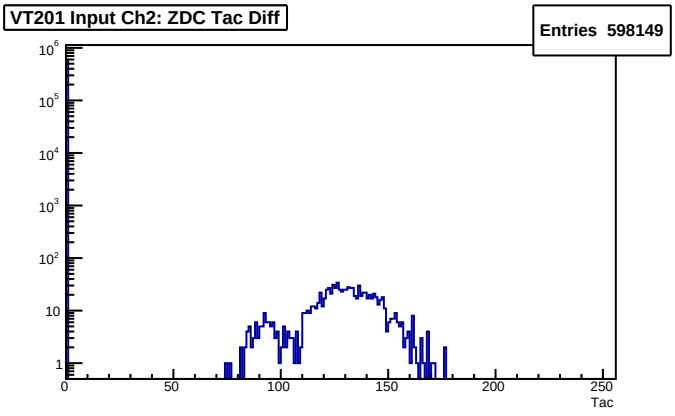

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

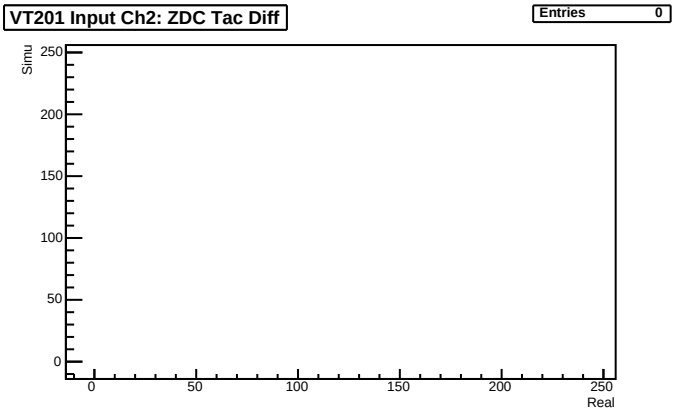

VT201 Input Ch1: EPD Tac Diff
Entries 598149
Tac

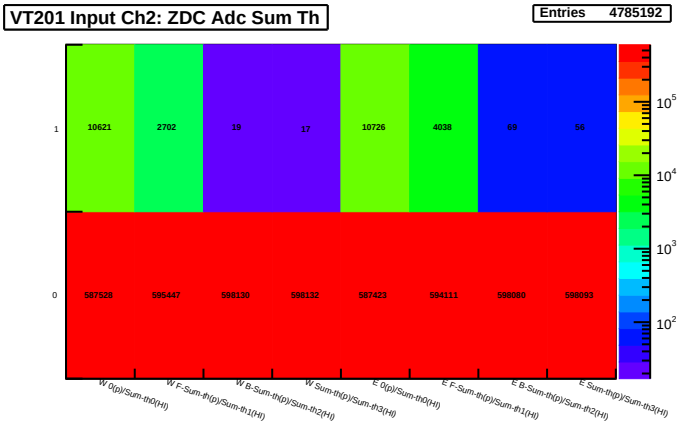

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

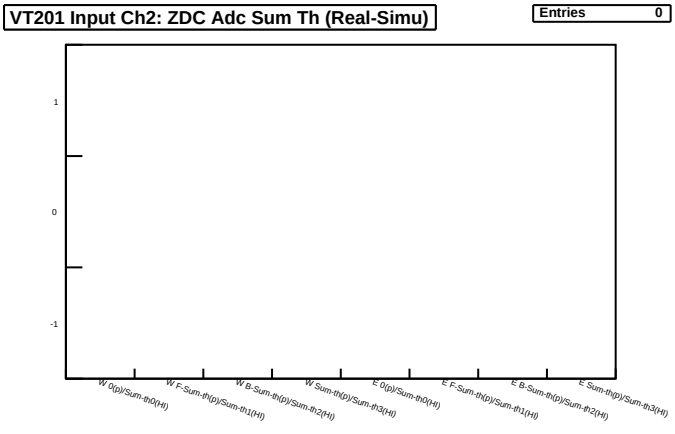

VT201 Input Ch1: EPD Hit Count Th
Entries 1196298
588705
588727
9444
9422
East
West

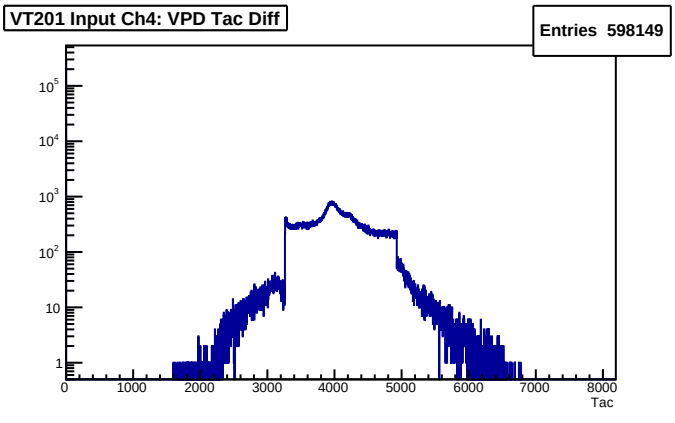

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

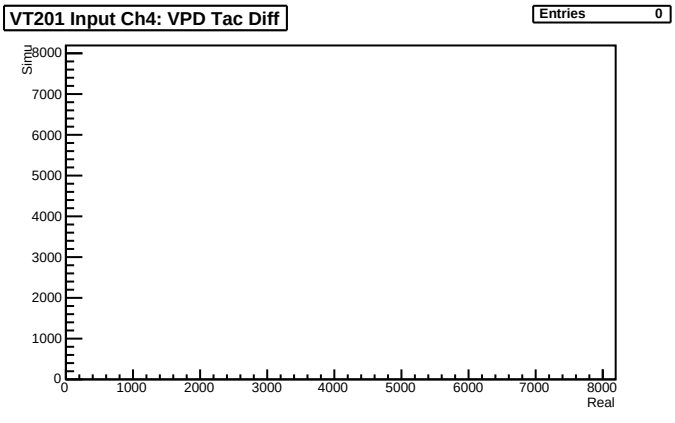

VT201 Input Ch2: ZDC Tac Diff
Entries 598149
Tac

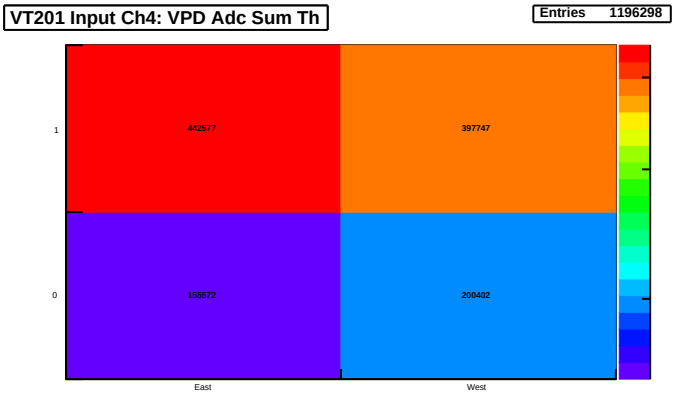

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

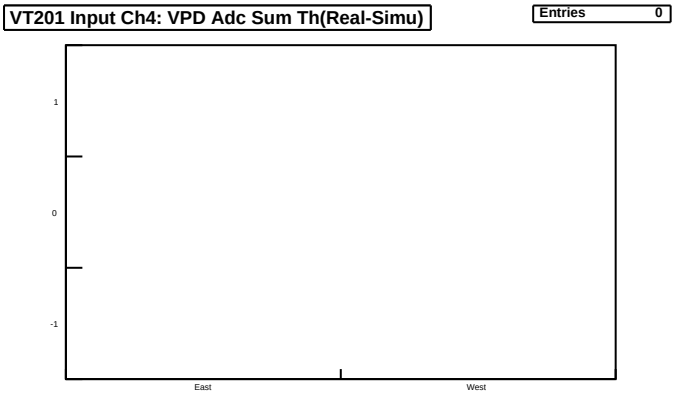

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4785192
10621
2702
19
17
10726
4038
69
56
587528
595447
598130
598132
587423
594111
598080
598093
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

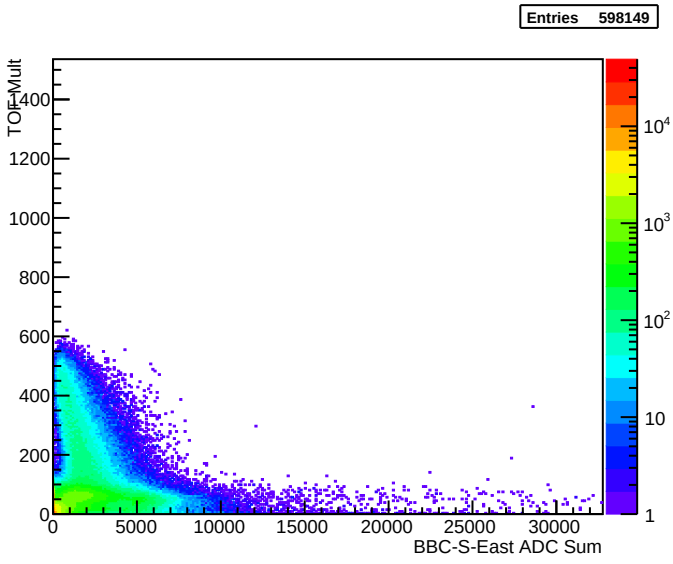

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

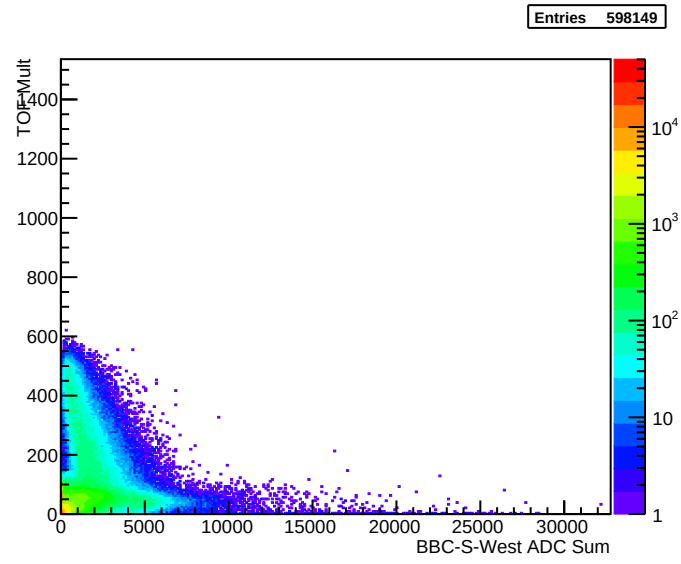

VT201 Input Ch4: VPD Tac Diff
Entries 598149
Tac

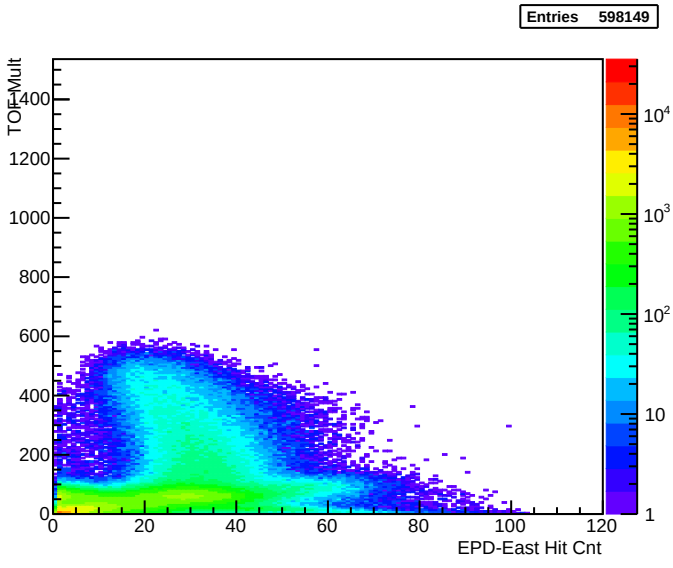

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

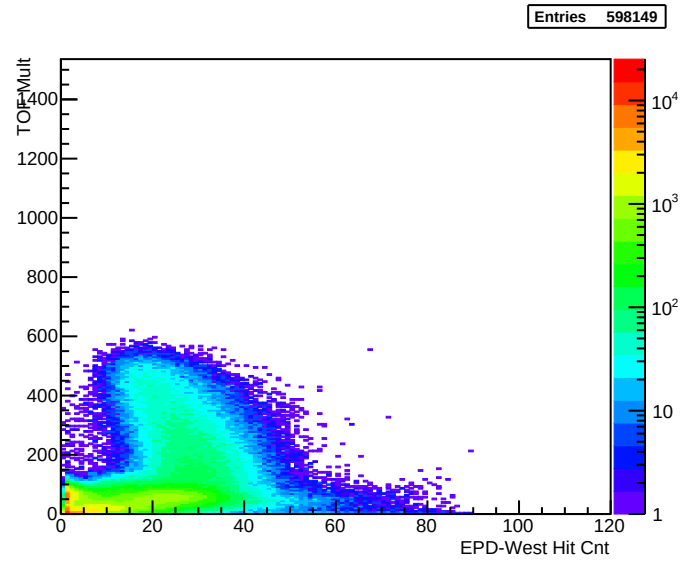

VT201 Input Ch4: VPD Adc Sum Th
Entries 1196298
442577
397747
155572
200402
East
West

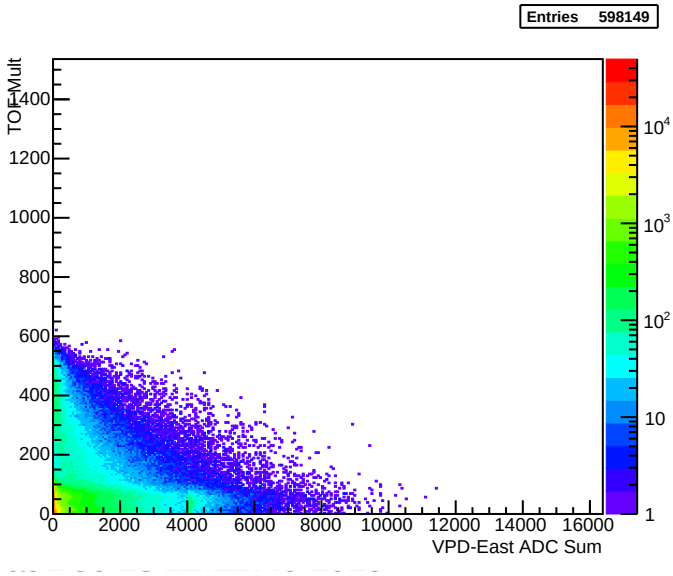

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

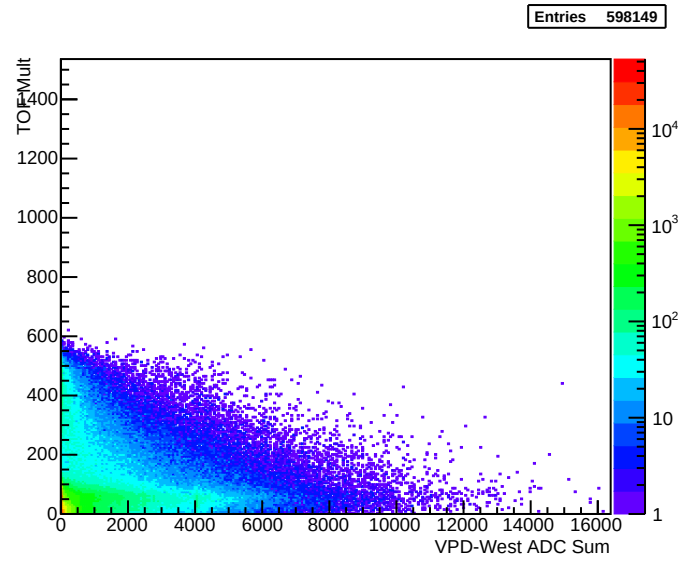

Entries 598149
TOF-Mult
BBC-S-East ADC Sum

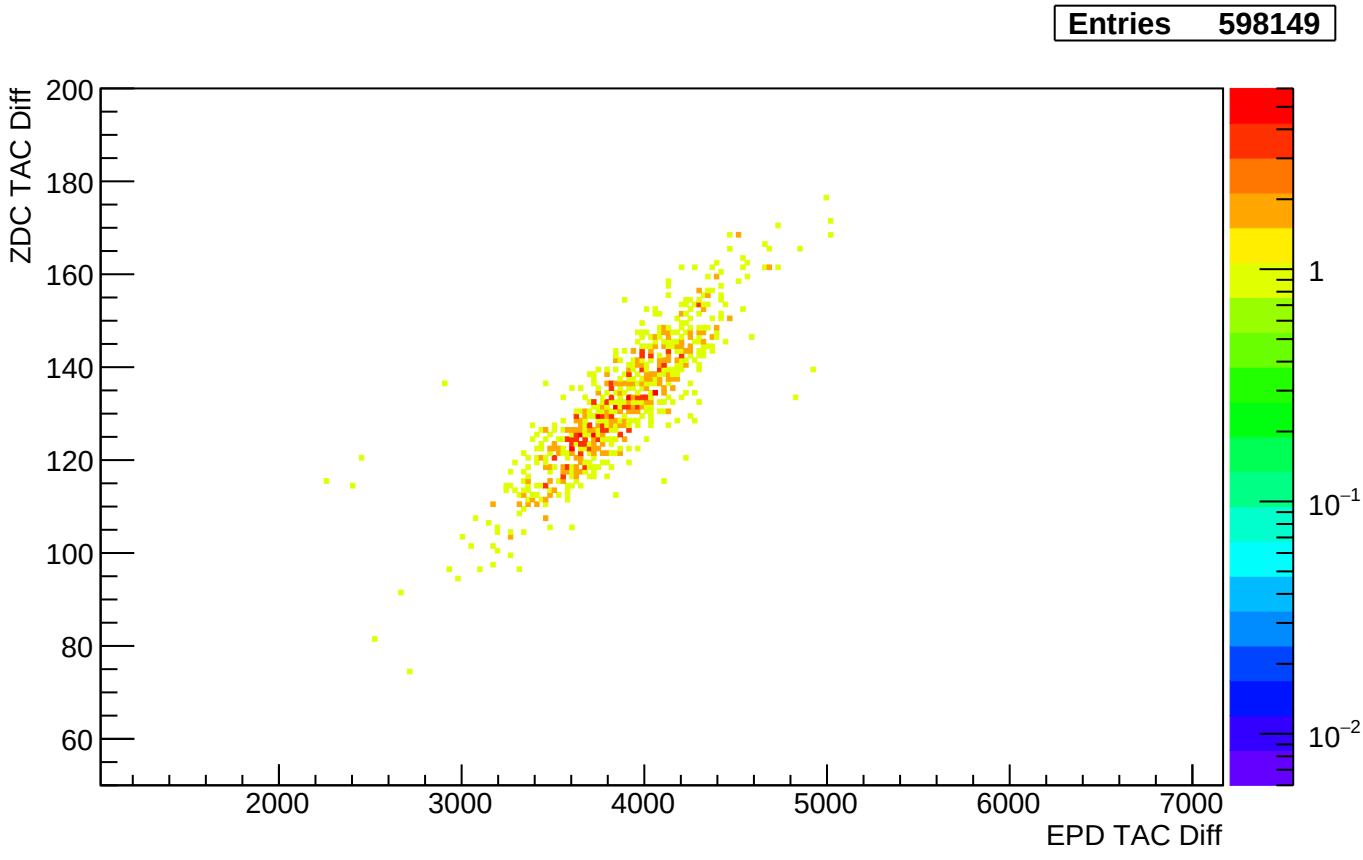

Entries 598149
TOF-Mult
BBC-S-West ADC Sum

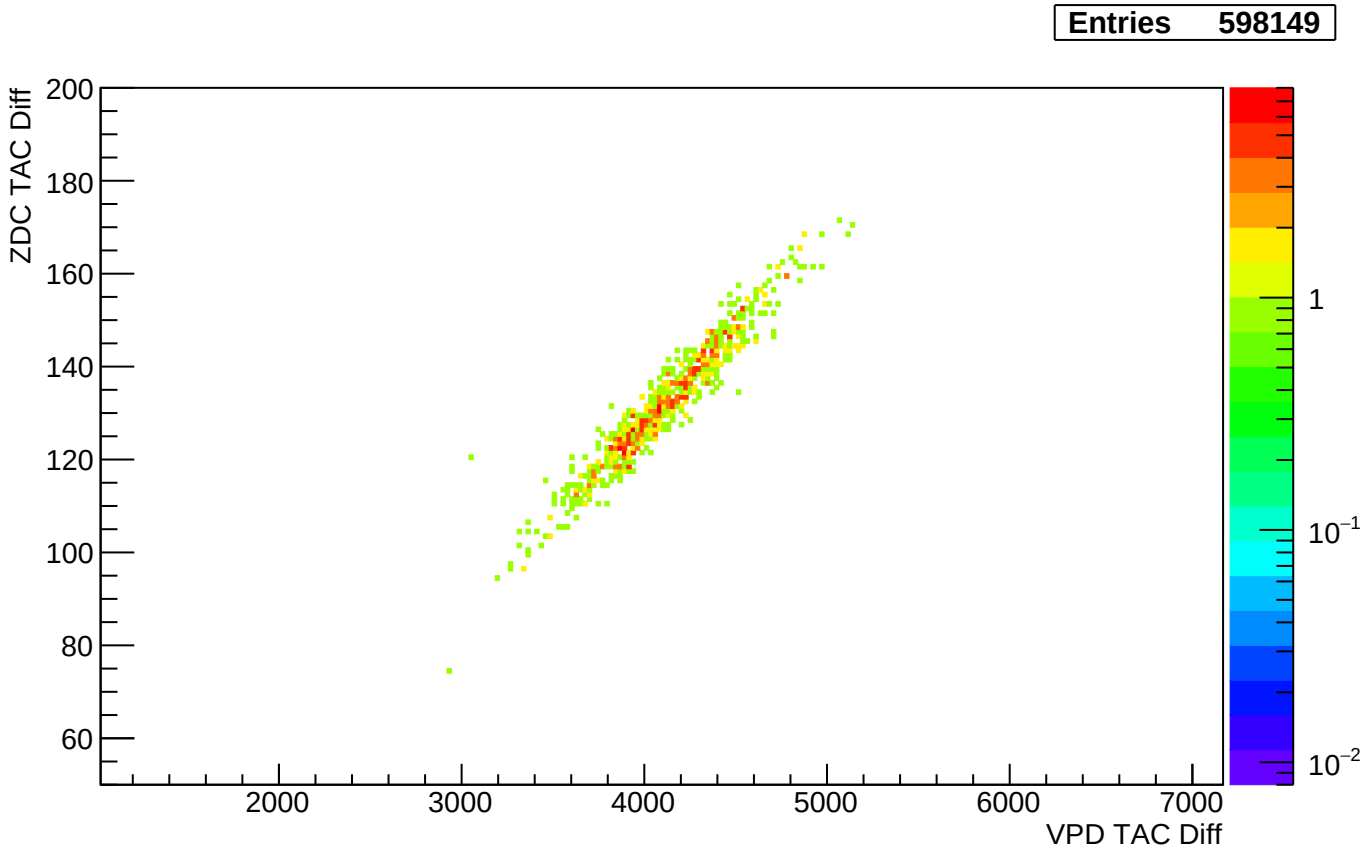

Entries 598149
TOF-Mult
EPD-East Hit Cnt

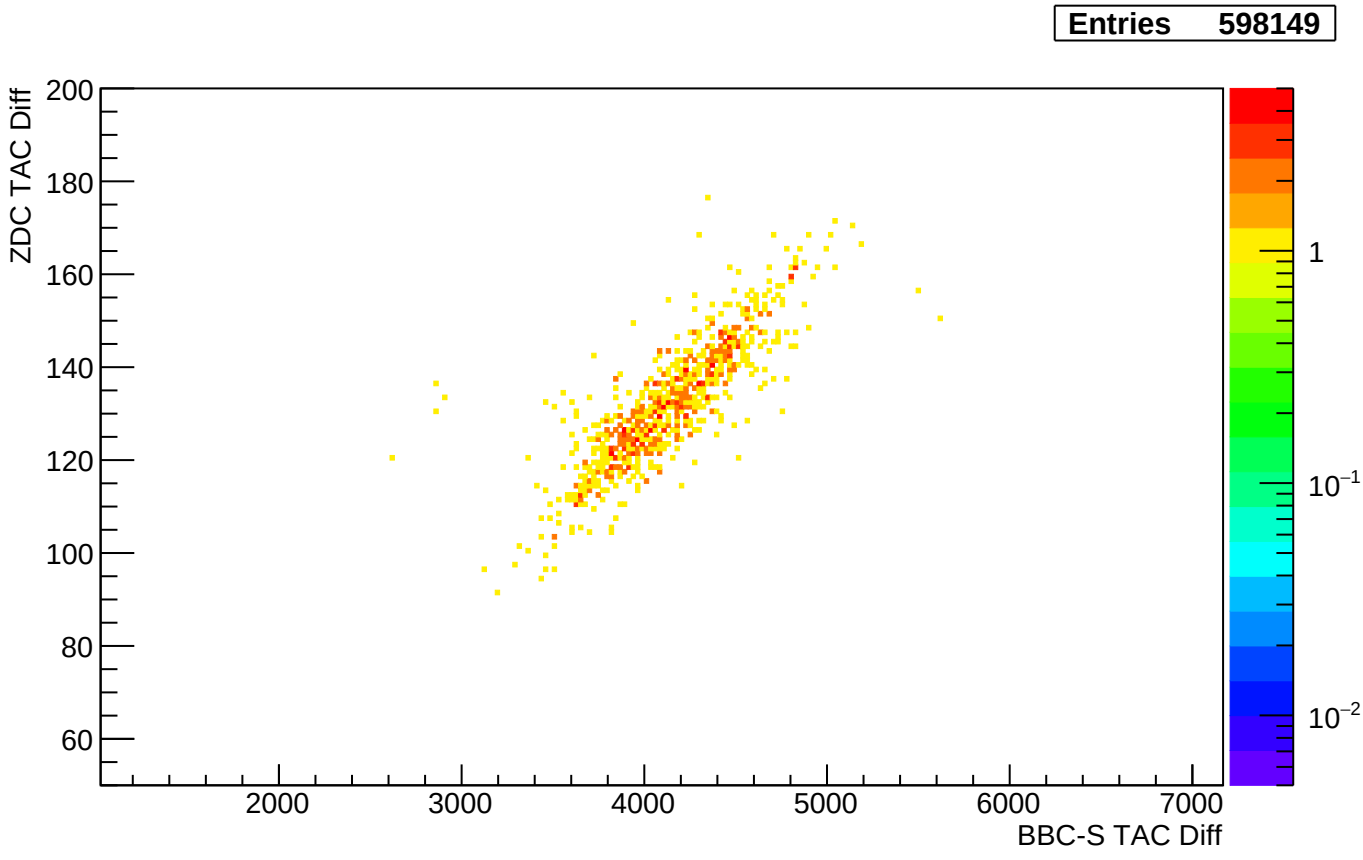

Entries 598149
TOF-Mult
EPD-West Hit Cnt

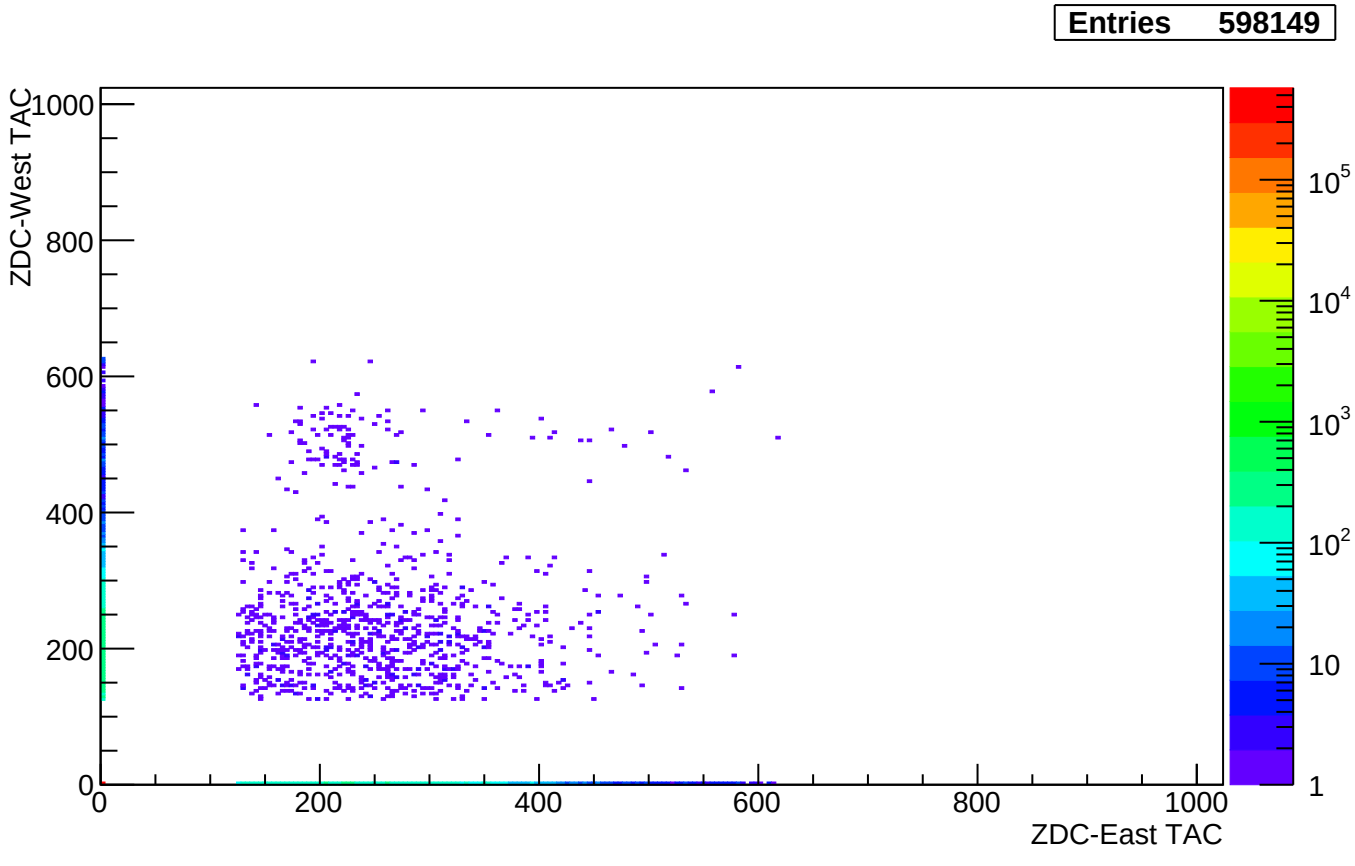

Entries 598149
TOF-Mult
VPD-East ADC Sum

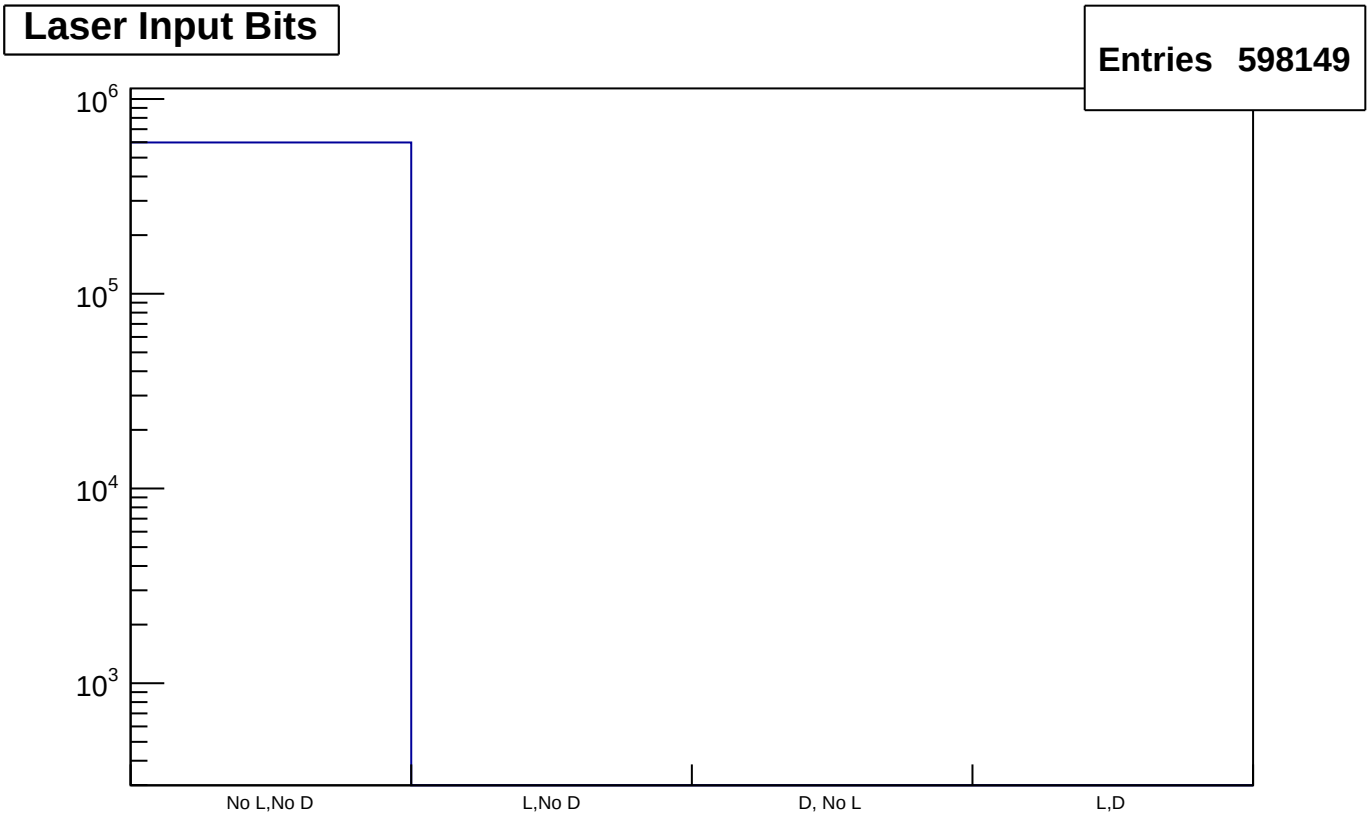

Entries 598149
TOF-Mult
VPD-West ADC Sum

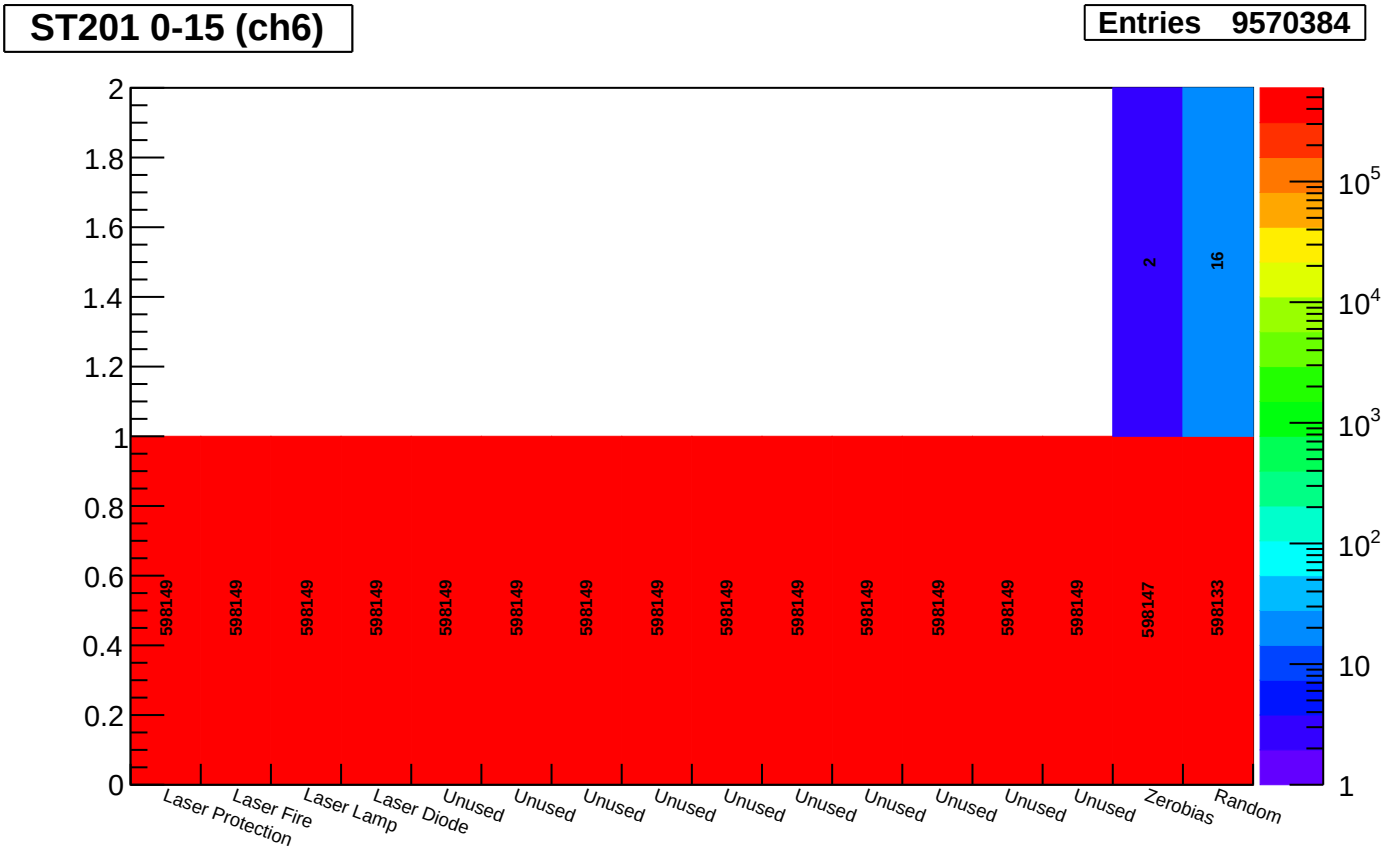

Entries 598149
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

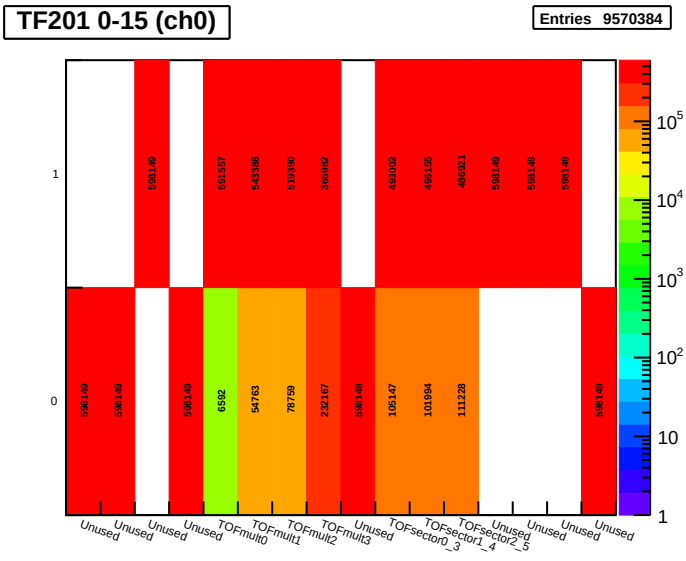

Entries 598149
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

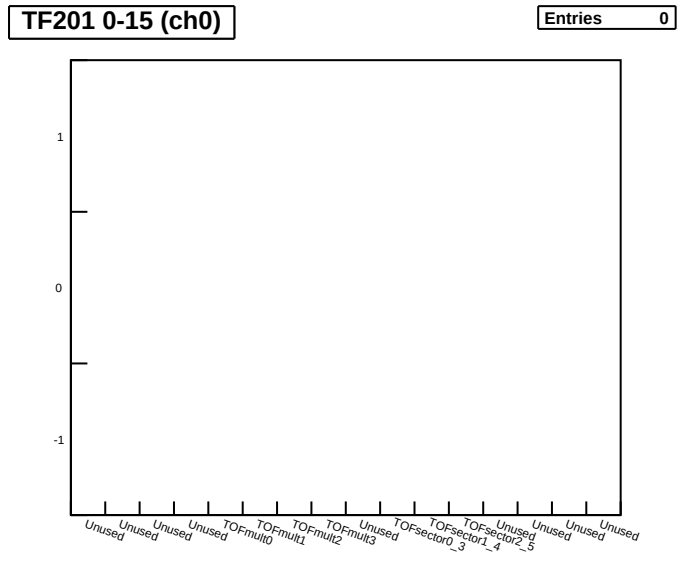

Entries 598149
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

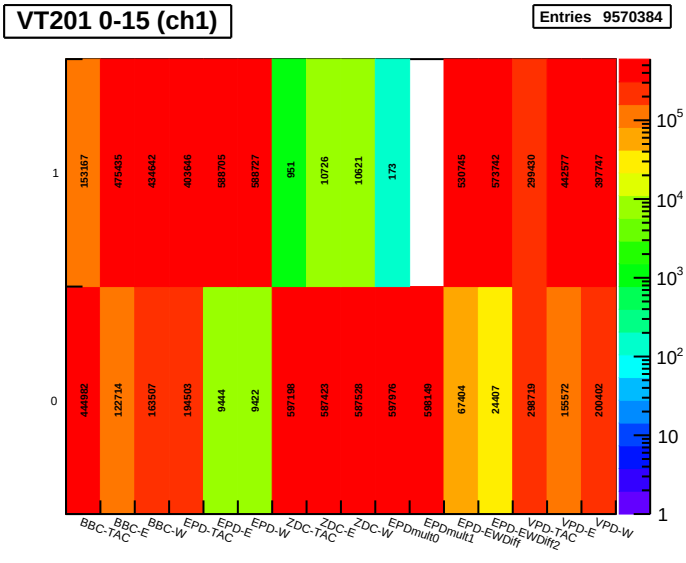

Entries 598149
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

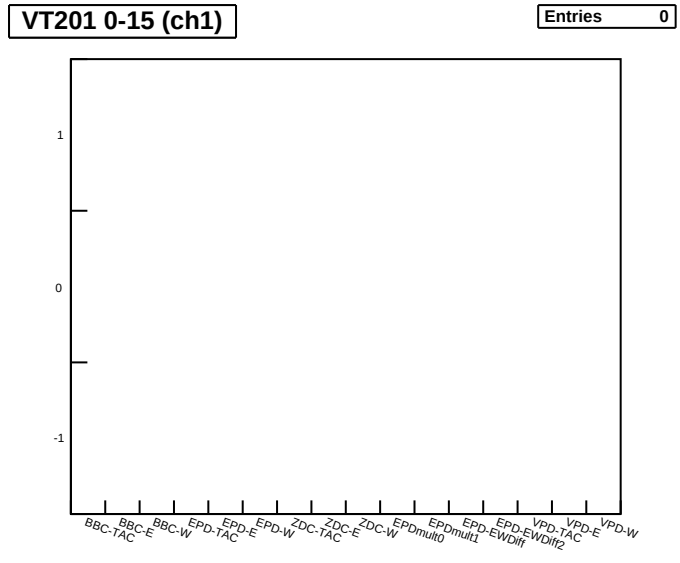

Laser Input Bits
Entries 598149
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

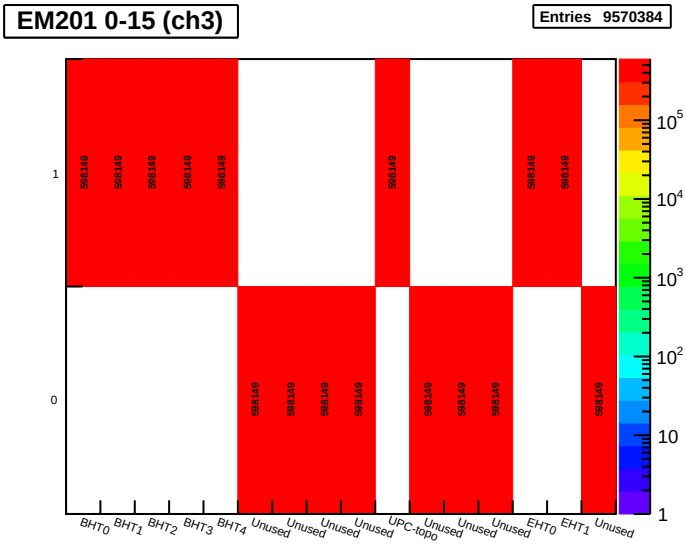

ST201 0-15 (ch6)
Entries 9570384
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598147
598133
2
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

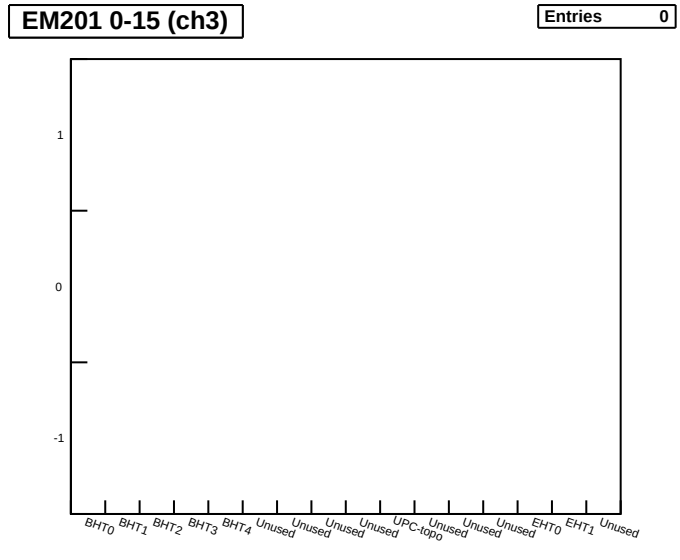

TF201 0-15 (ch0)
Entries 9570384
1
0
598149
598149
598149
598149
501557
543386
519390
365982
433002
496155
486921
598149
598149
598149
598149
6592
54763
78759
232167
598149
105147
101994
111228
598149
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
$10^5$
$10^4$
$10^3$
$10^2$
10
1


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


VT201 0-15 (ch1)
Entries 9570384
1
0
153167
475435
434642
403646
588705
588727
951
10726
10621
173
530745
573742
299450
442577
397747
444982
122714
163507
194503
9444
9422
597198
587423
587528
597976
598149
67404
24407
298719
155572
200402
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 9570384
1
0
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
598149
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
$10^5$
$10^4$
$10^3$
$10^2$
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused