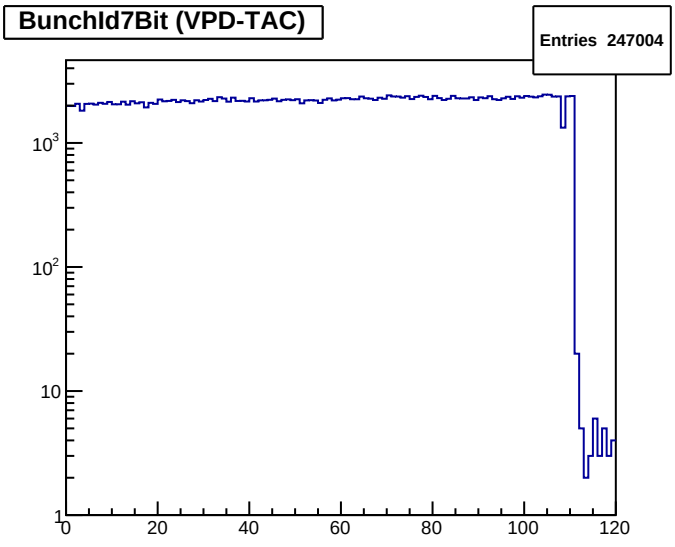
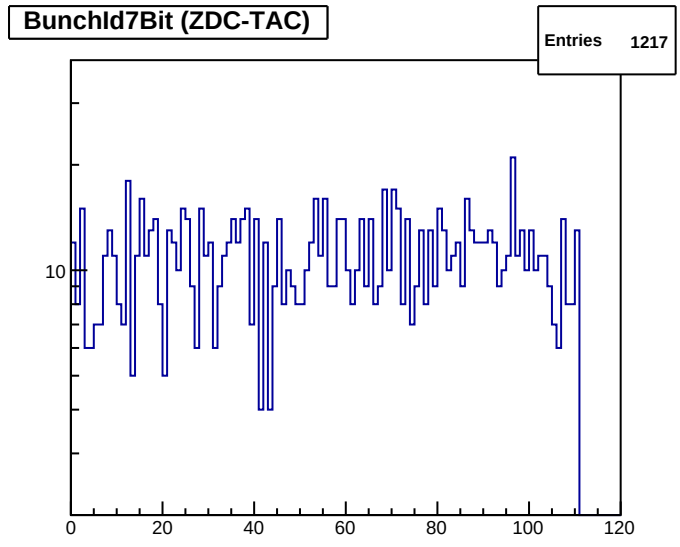
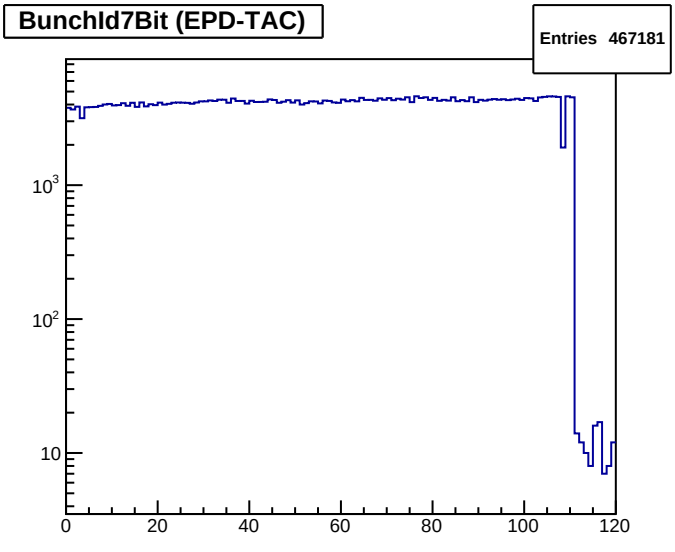
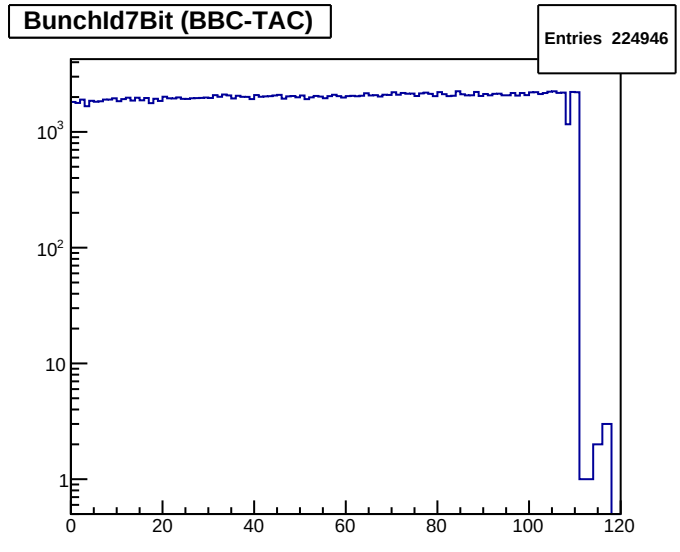
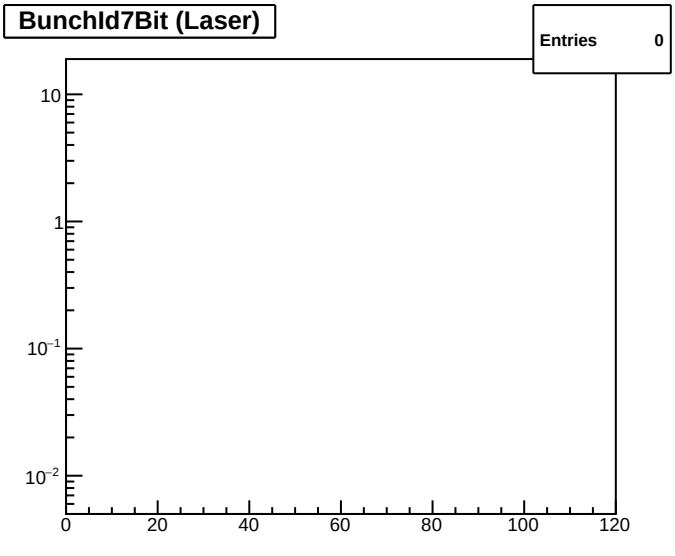
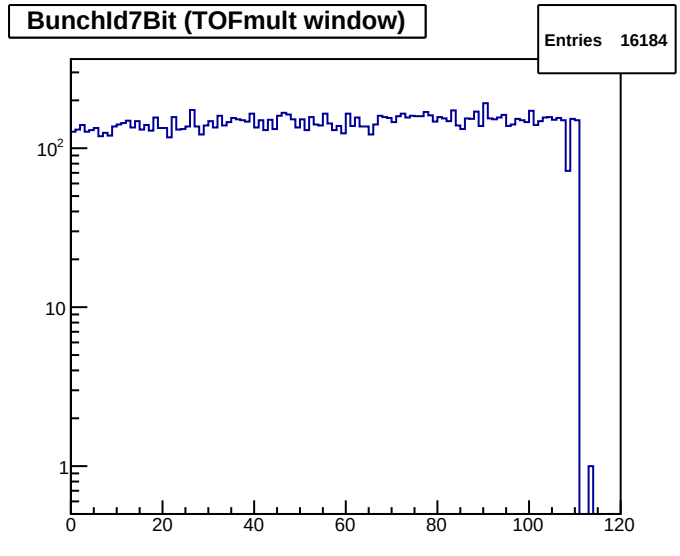

BunchId7Bit (VPD-TAC)
Entries 247004

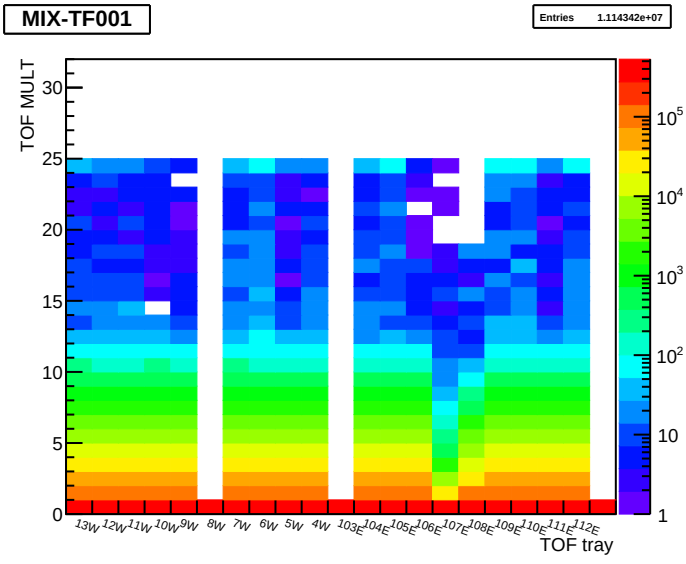

BunchId7Bit (ZDC-TAC)
Entries 1217

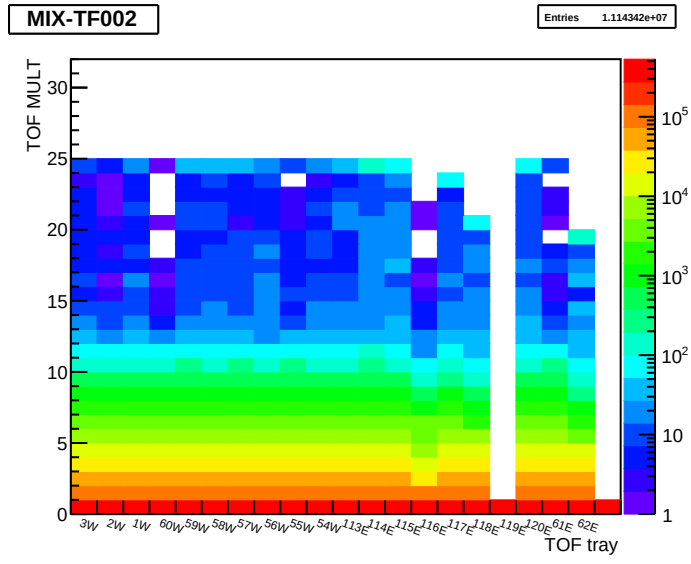

BunchId7Bit (EPD-TAC)
Entries 467181

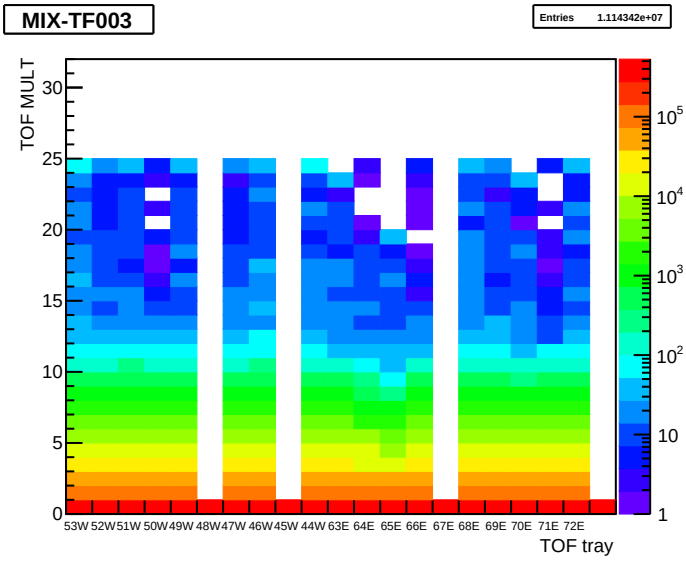

BunchId7Bit (BBC-TAC)
Entries 224946

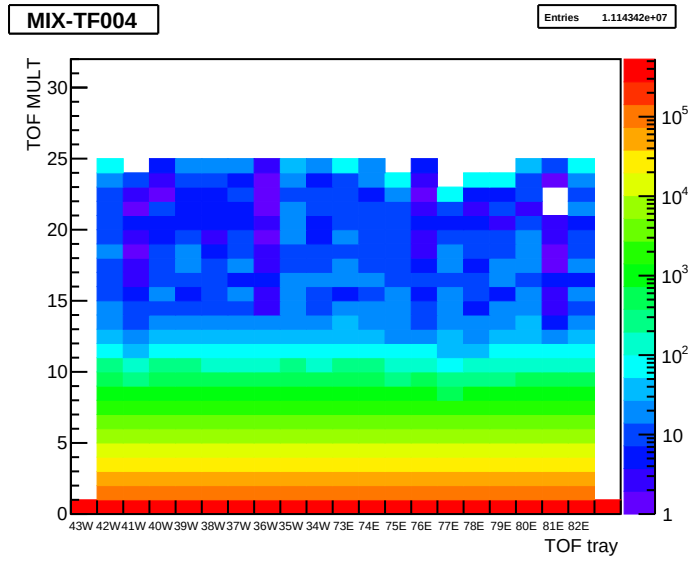

BunchId7Bit (Laser)
Entries 0

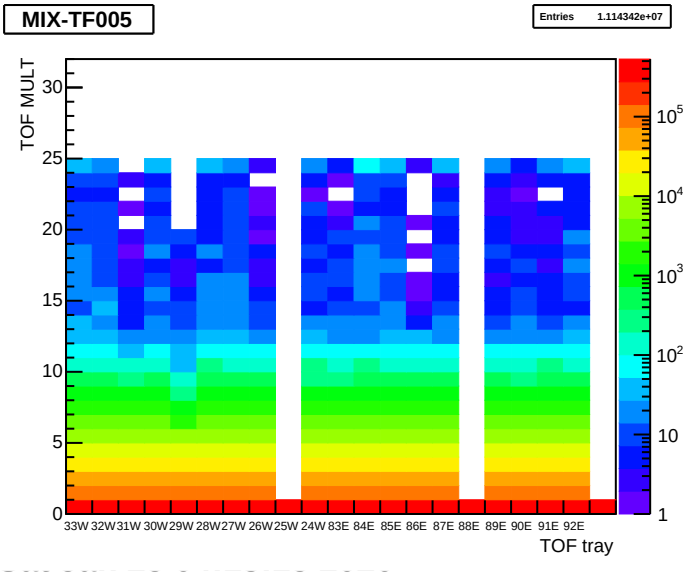

BunchId7Bit (TOFmult window)
Entries 16184

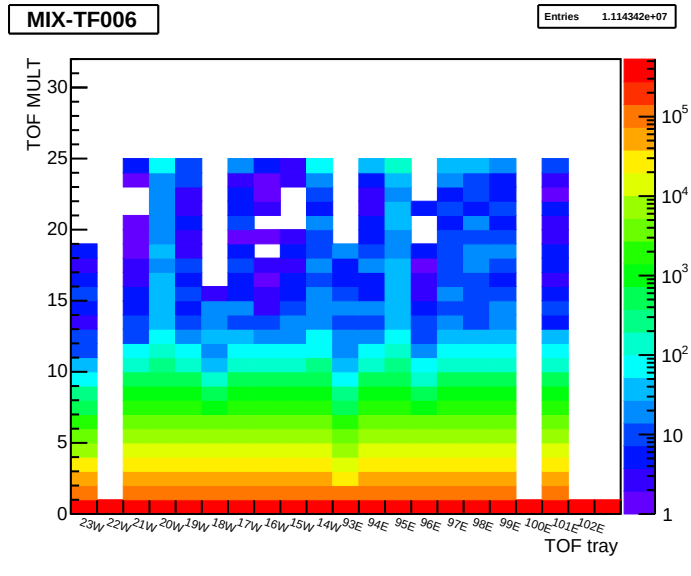

MIX-TF001
Entries 1.114342e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

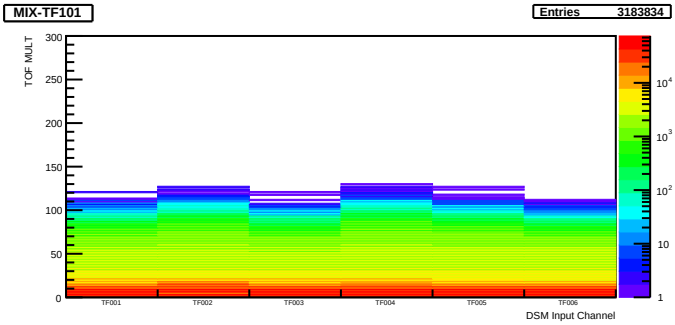

MIX-TF002
Entries 1.114342e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

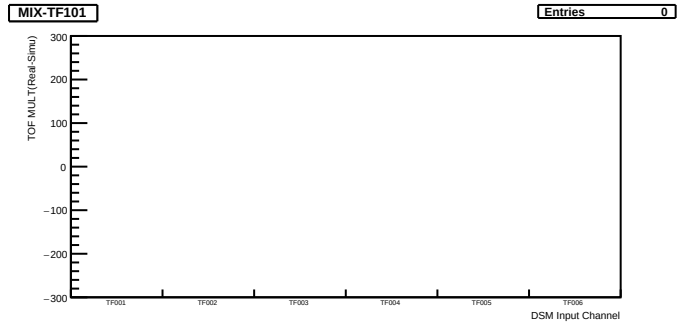

MIX-TF003
Entries 1.114342e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

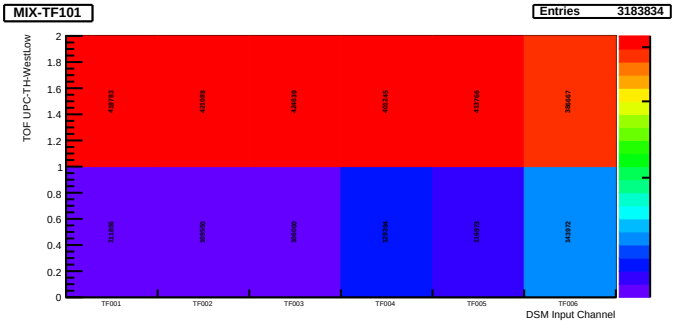

MIX-TF004
Entries 1.114342e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

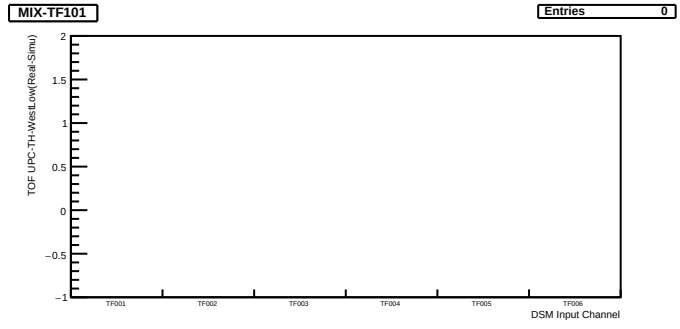

MIX-TF005
Entries 1.114342e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

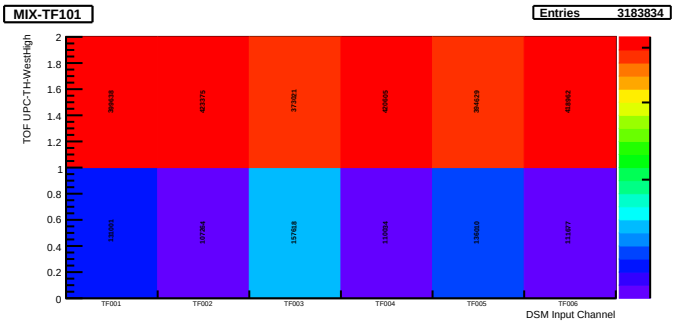

MIX-TF006
Entries 1.114342e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

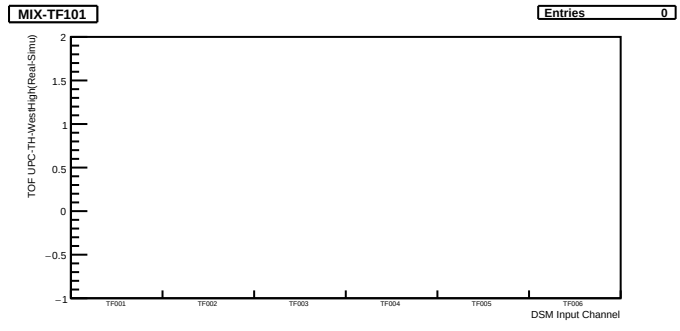

MIX-TF101
Entries 3183834
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

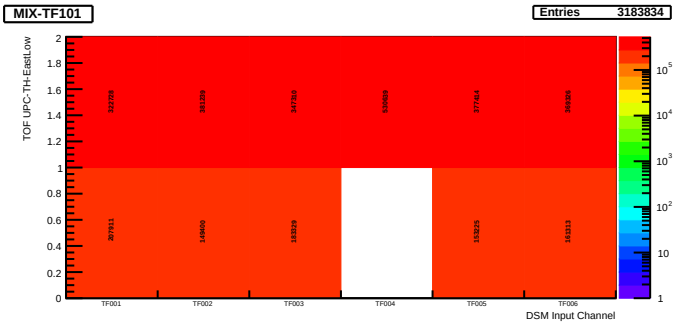

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

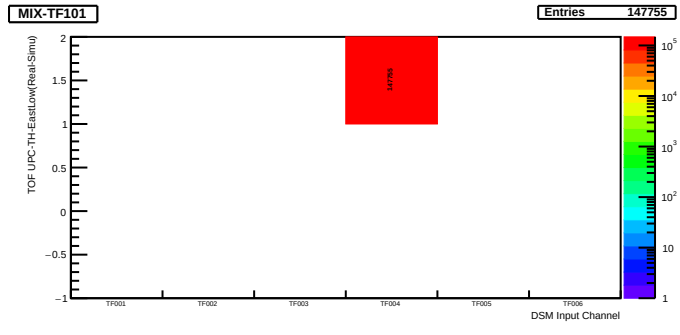

MIX-TF101
Entries 3183834
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

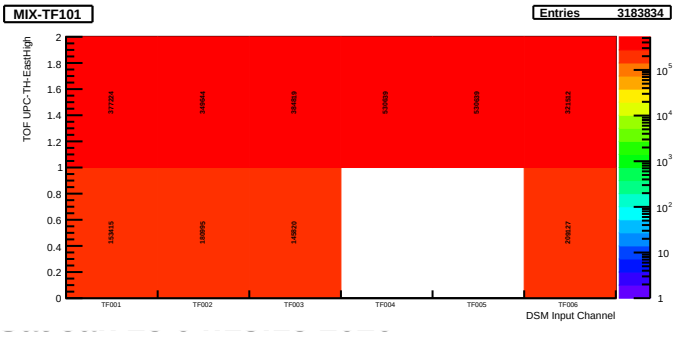

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

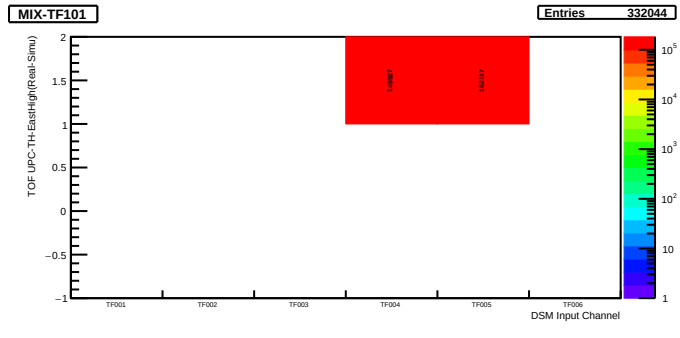

MIX-TF101
Entries 3183834
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

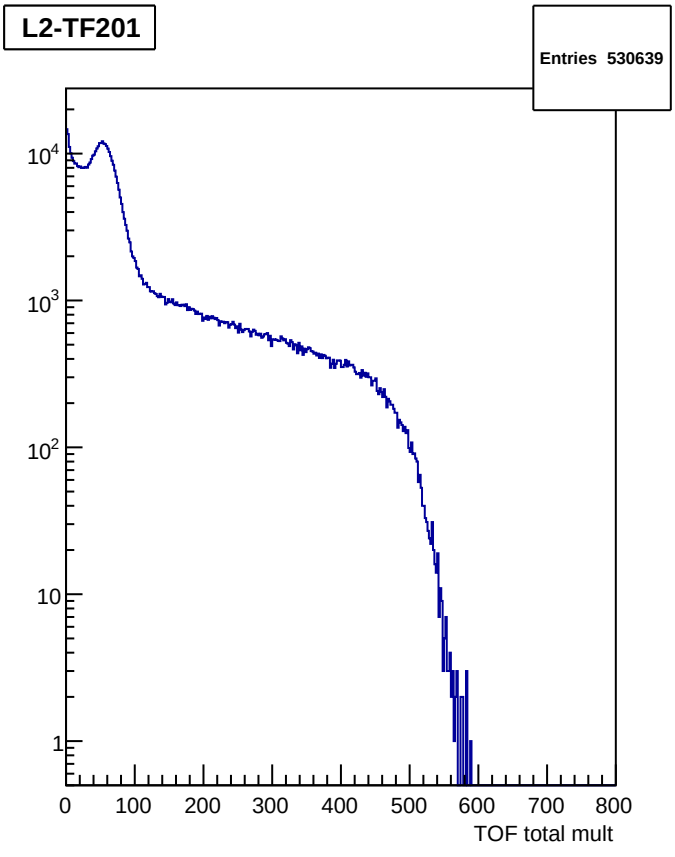

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

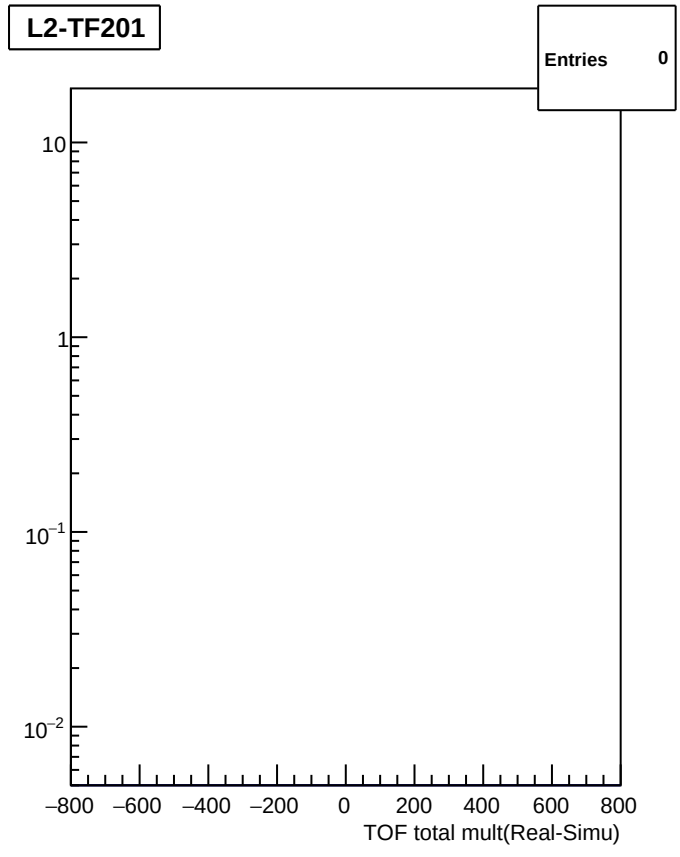

MIX-TF101
Entries 3183834
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

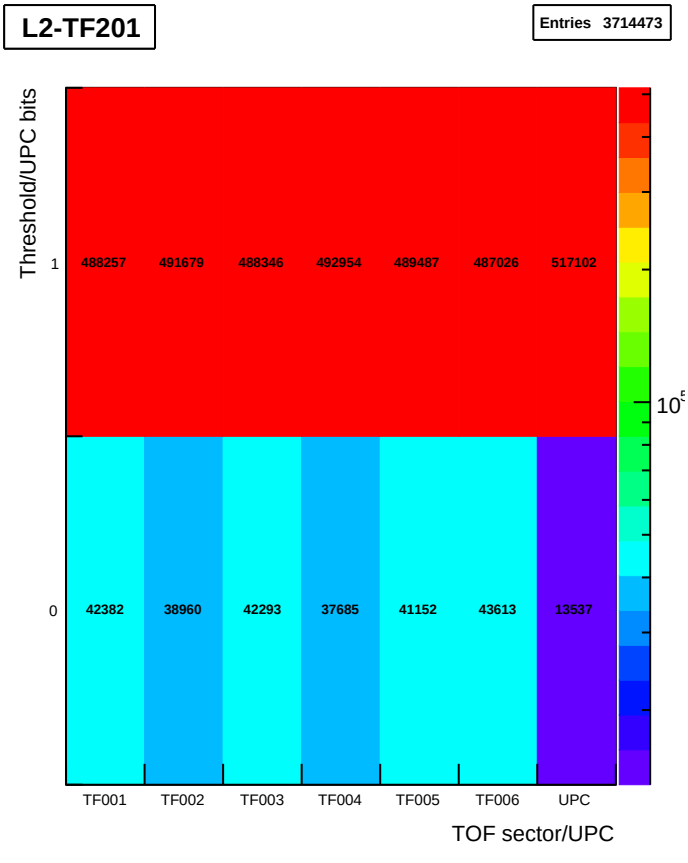

MIX-TF101
Entries 147755
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

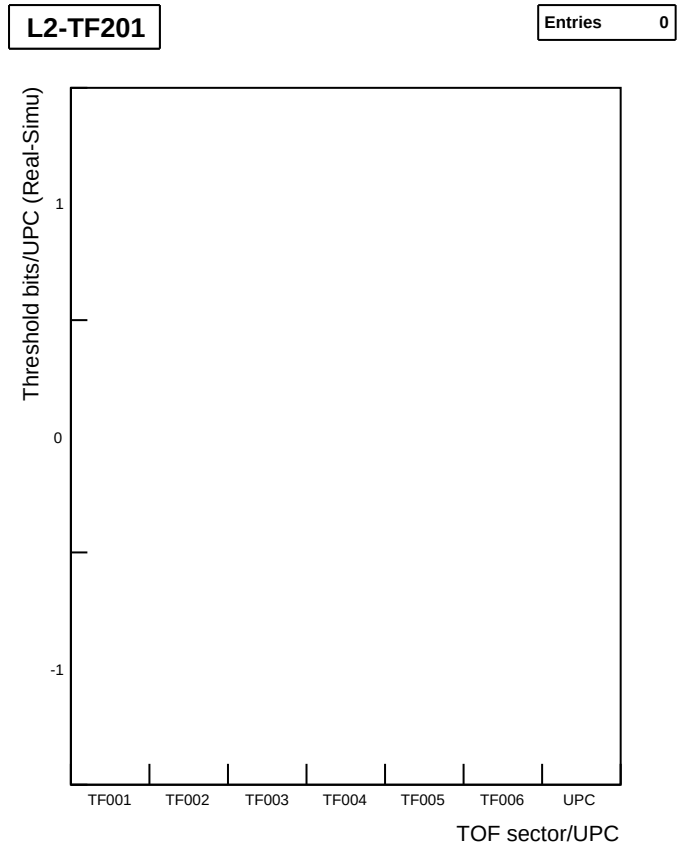

MIX-TF101
Entries 3183834
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

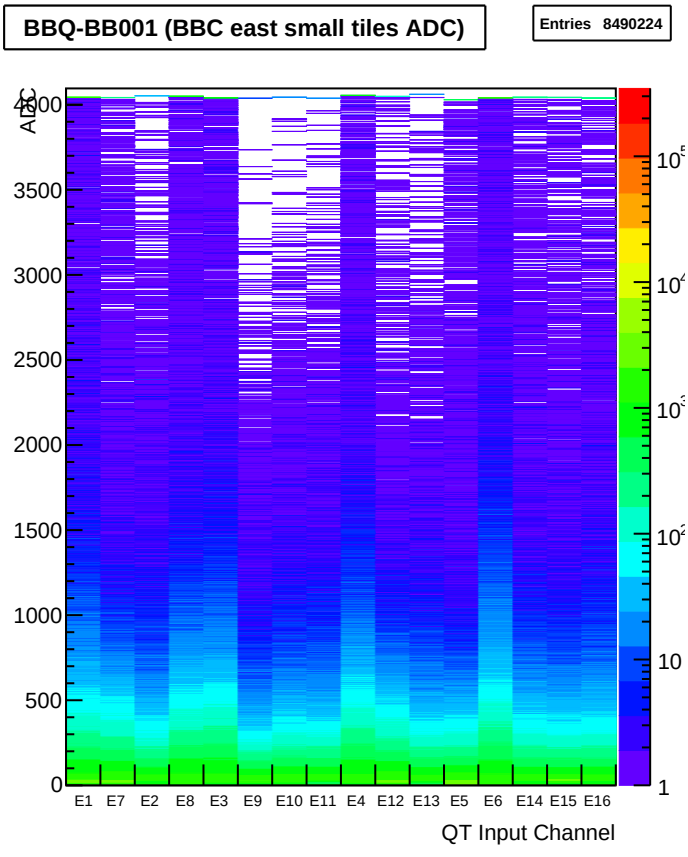

MIX-TF101
Entries 332044
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

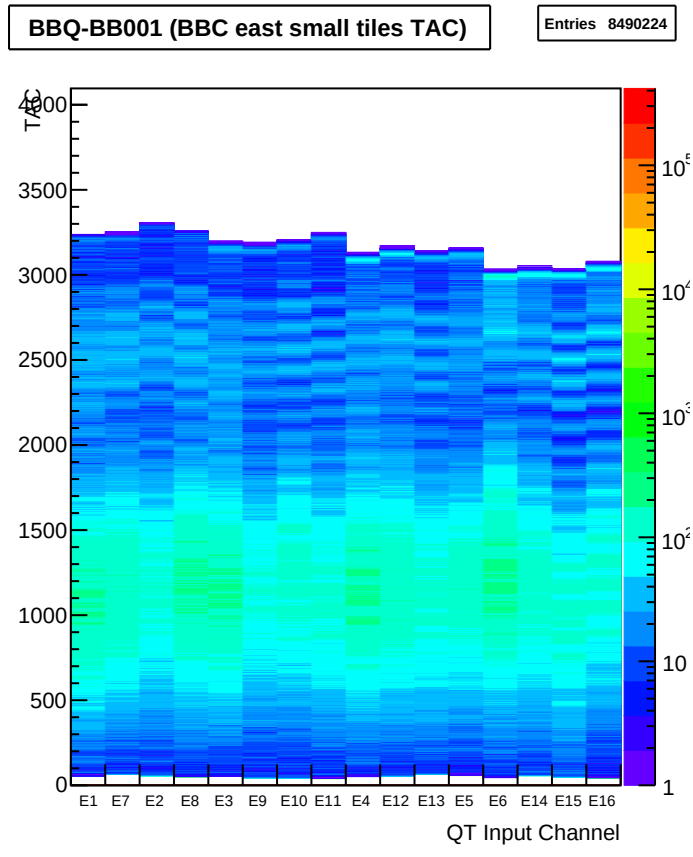

L2-TF201
Entries 530639
TOF total mult

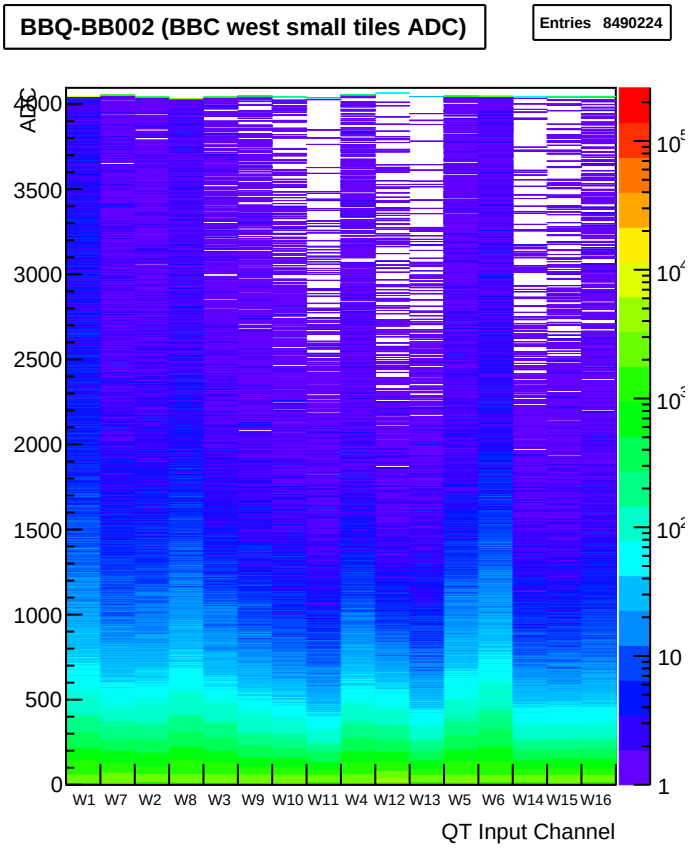

L2-TF201
Entries 0
TOF total mult(Real-Simu)

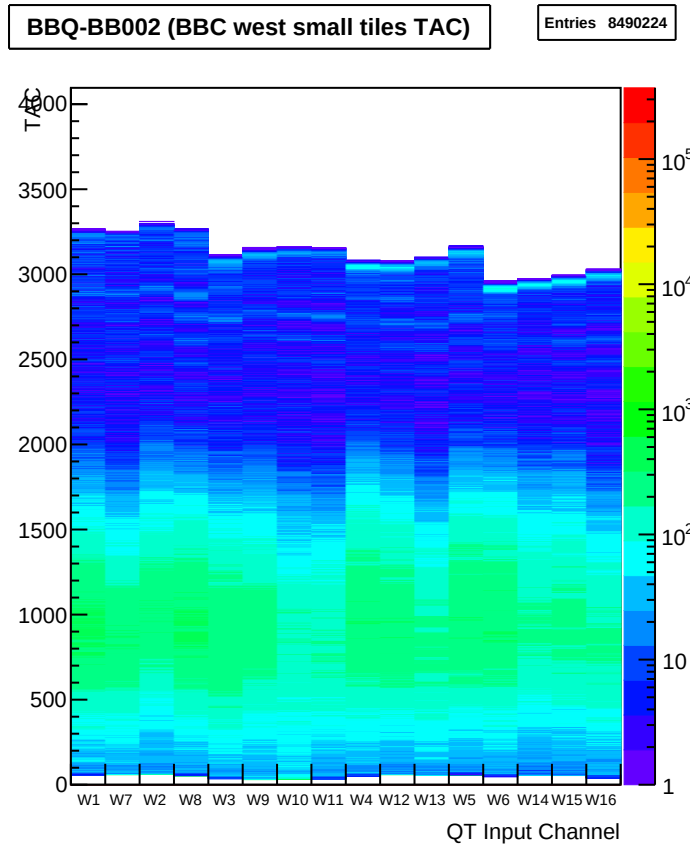

L2-TF201
Entries 3714473
Threshold/UPC bits
488257
491679
488346
492954
489487
487026
517102
42382
38960
42293
37685
41152
43613
13537
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

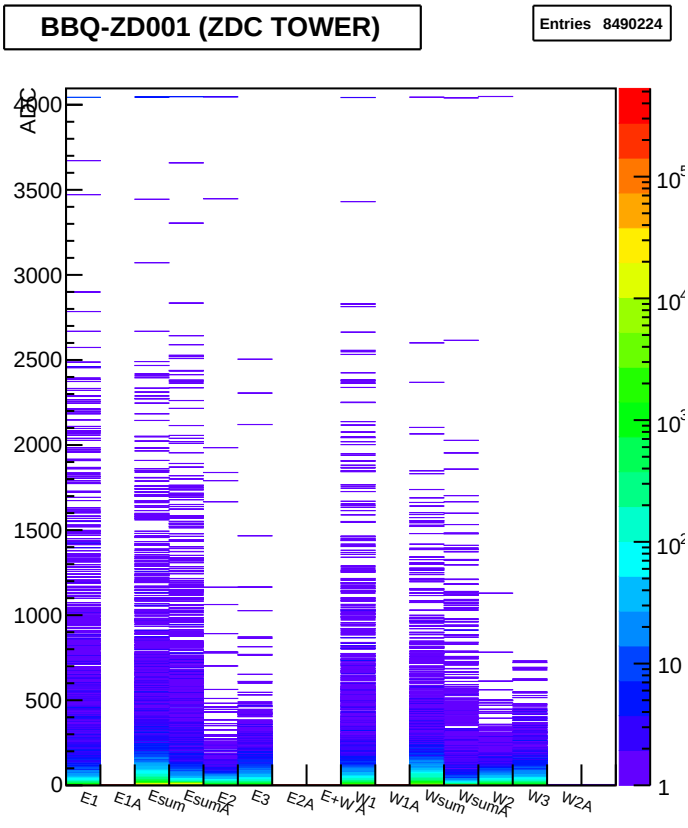

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

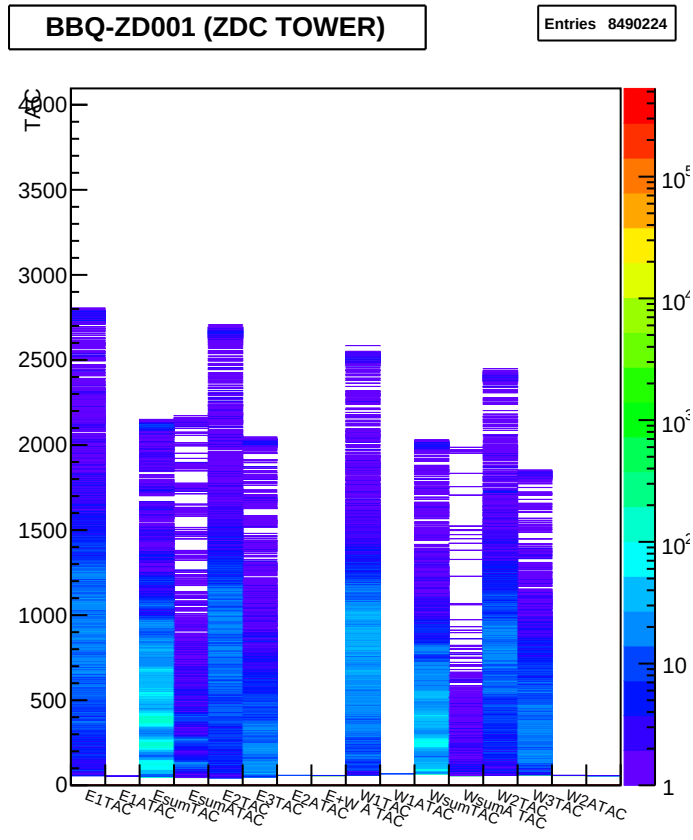

BBQ-BB001 (BBC east small tiles ADC)
Entries 8490224
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

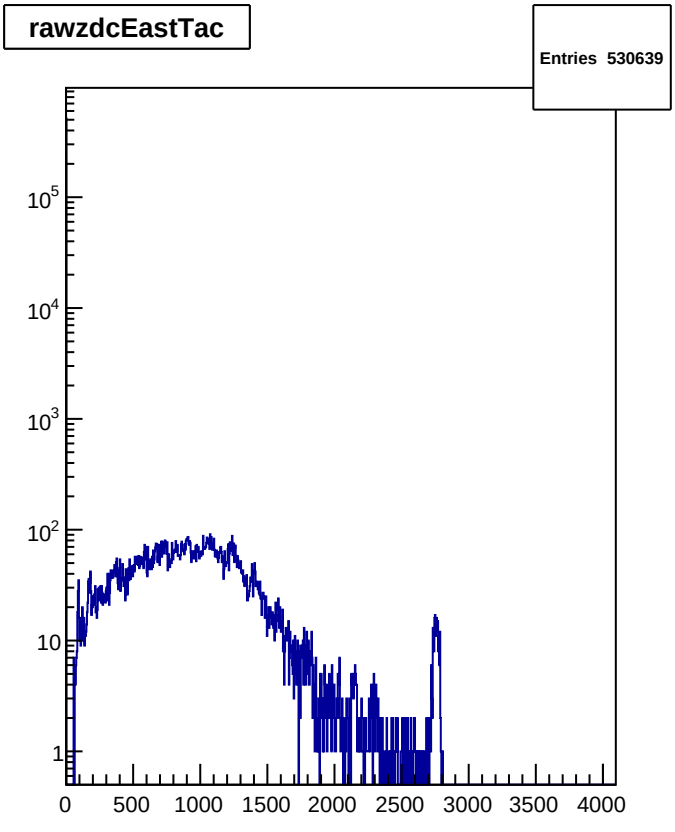

BBQ-BB001 (BBC east small tiles TAC)
Entries 8490224
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

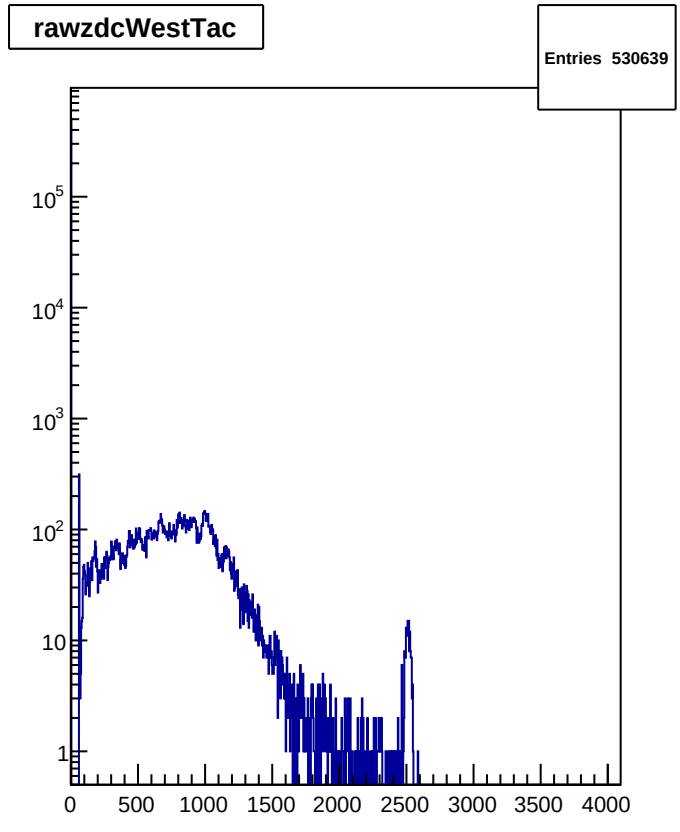

BBQ-BB002 (BBC west small tiles ADC)
Entries 8490224
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

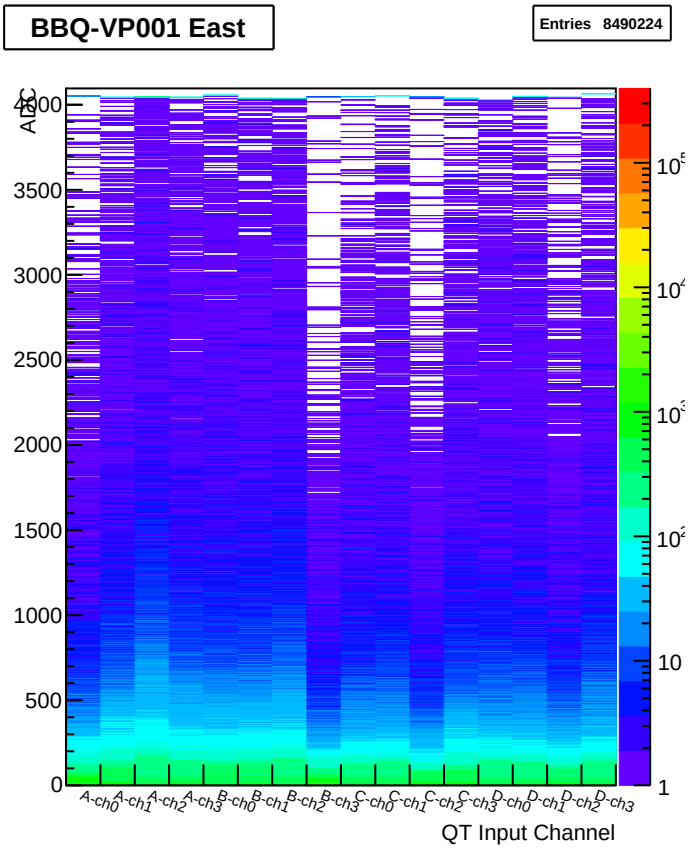

BBQ-BB002 (BBC west small tiles TAC)
Entries 8490224
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

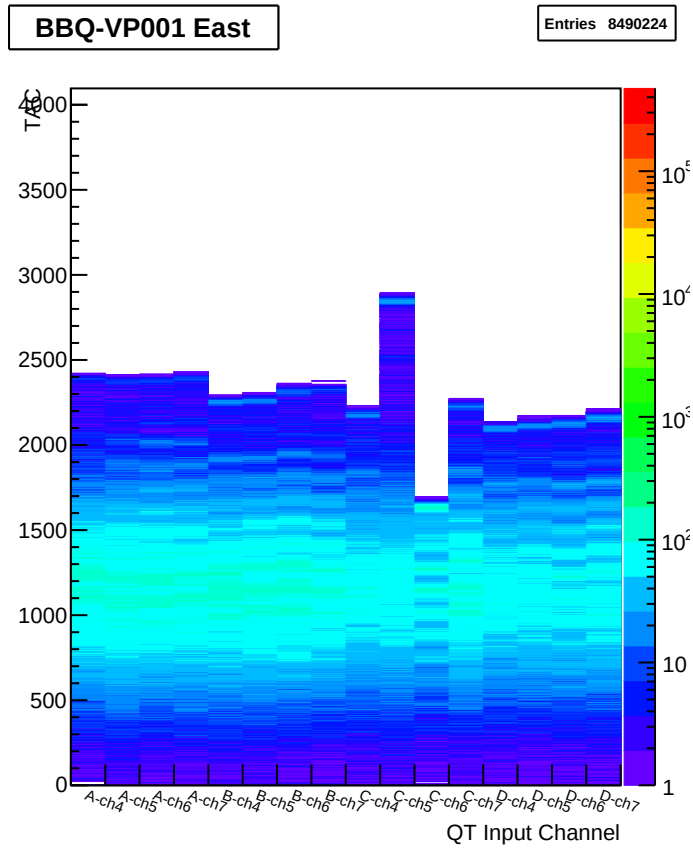

BBQ-ZD001 (ZDC TOWER)
Entries 8490224
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

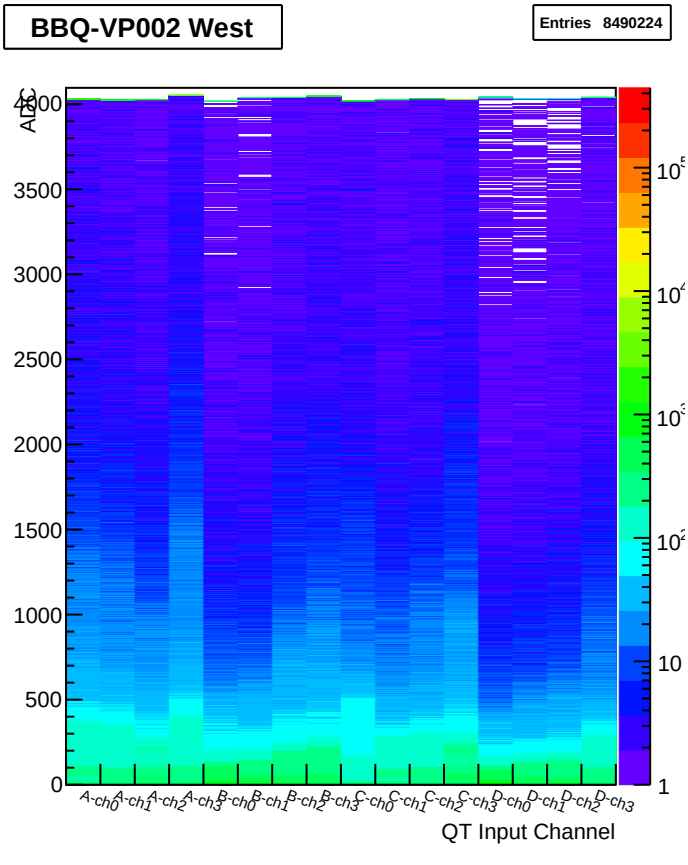

BBQ-ZD001 (ZDC TOWER)
Entries 8490224
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

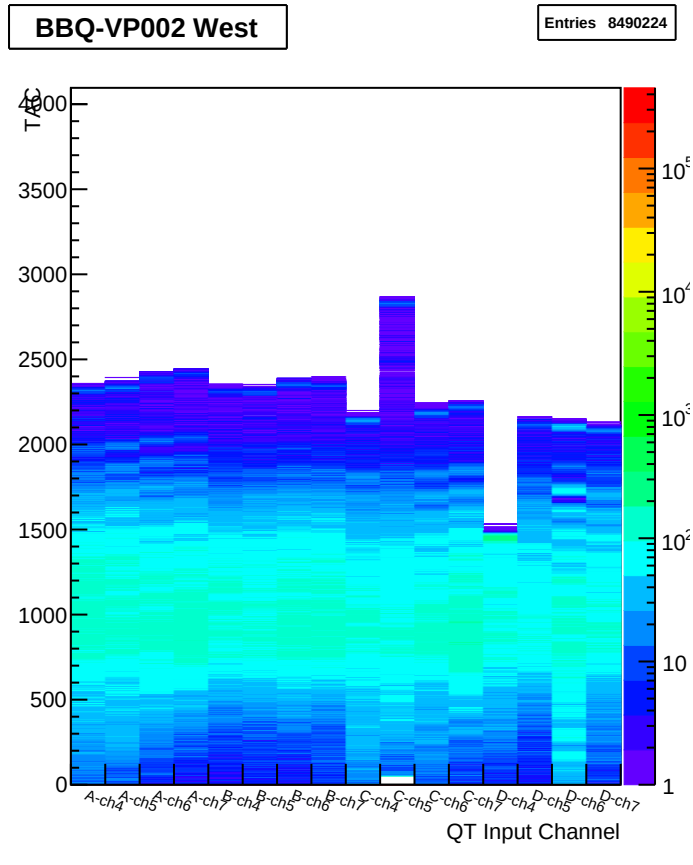

rawzdcEastTac
Entries 530639

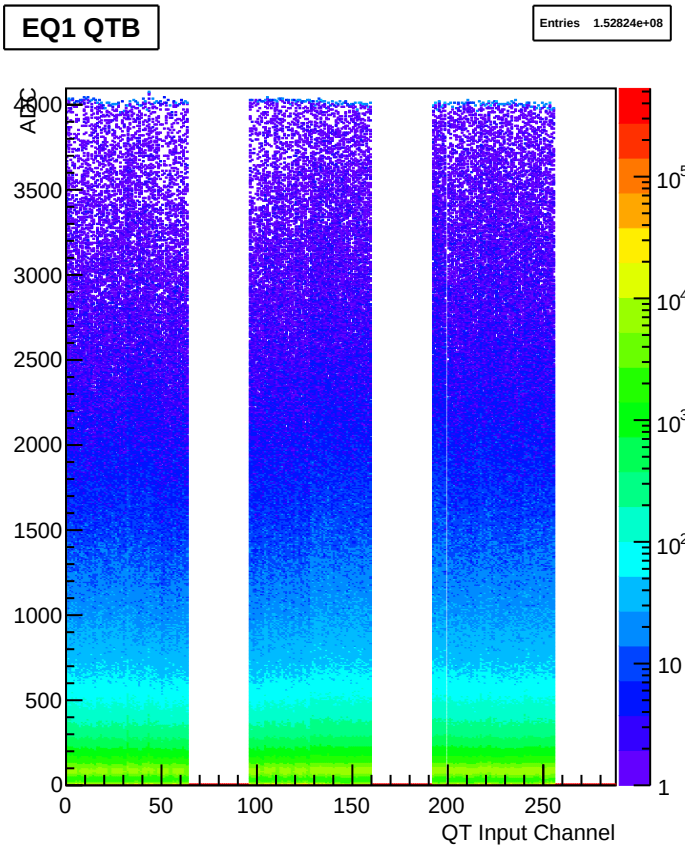

rawzdcWestTac
Entries 530639

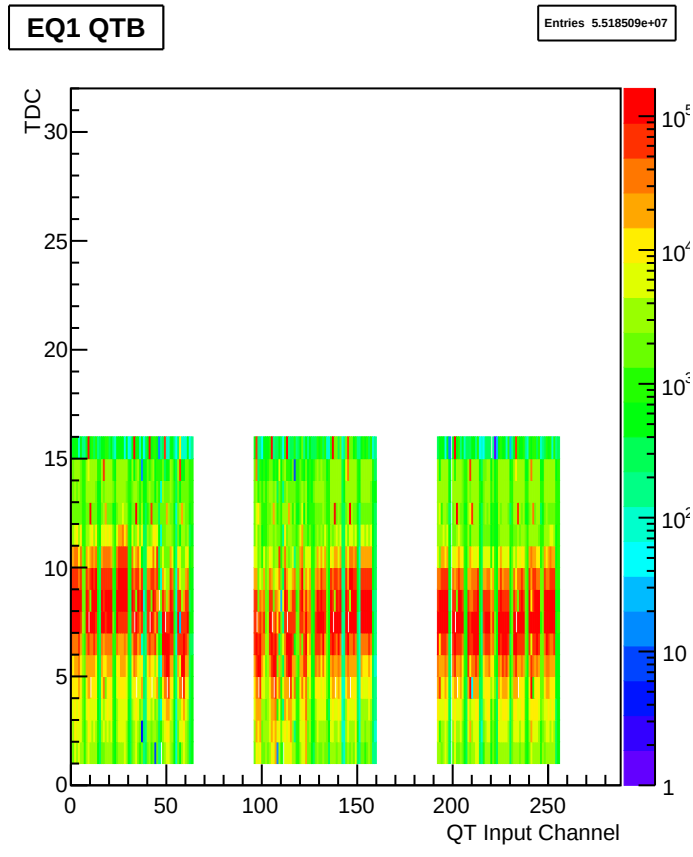

BBQ-VP001 East
Entries 8490224
ADC
QT Input Channel

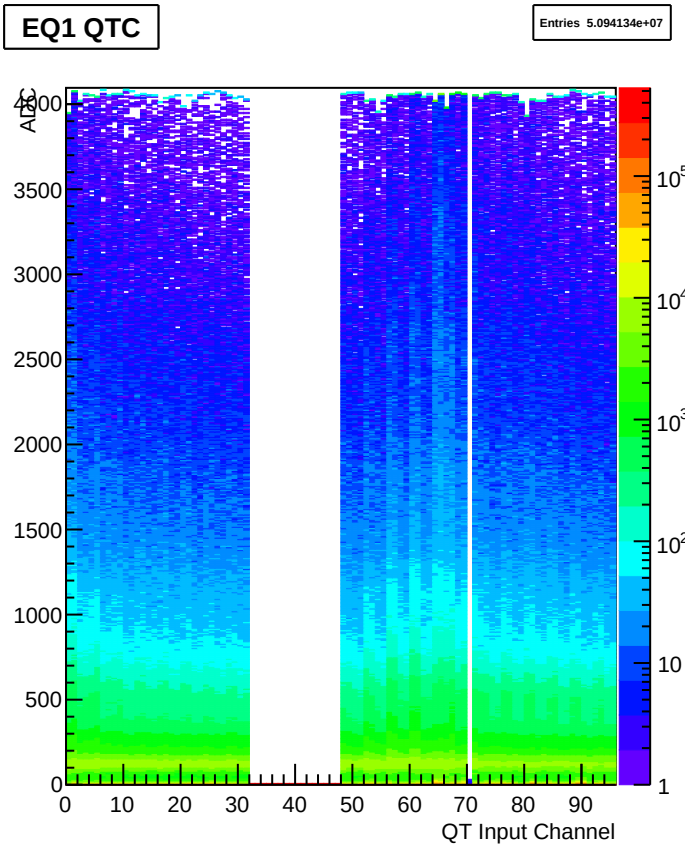

BBQ-VP001 East
Entries 8490224
ADC
QT Input Channel

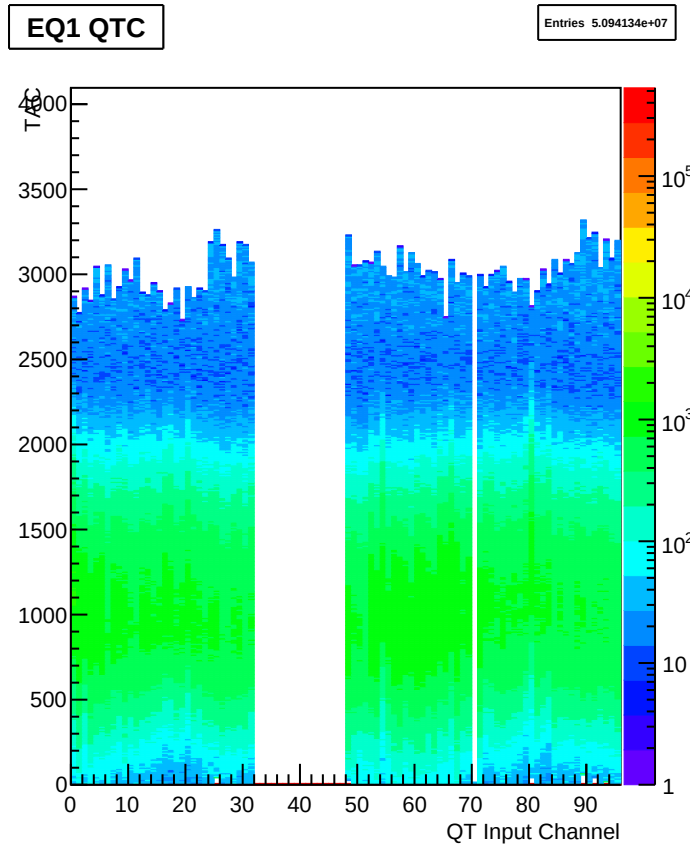

BBQ-VP002 West
Entries 8490224
ADC
QT Input Channel

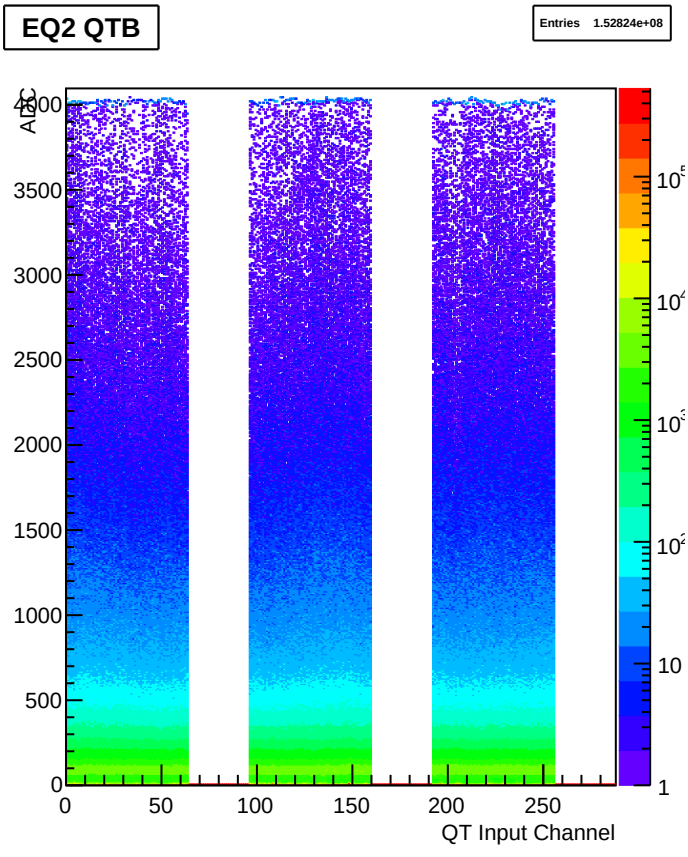

BBQ-VP002 West
Entries 8490224
ADC
QT Input Channel

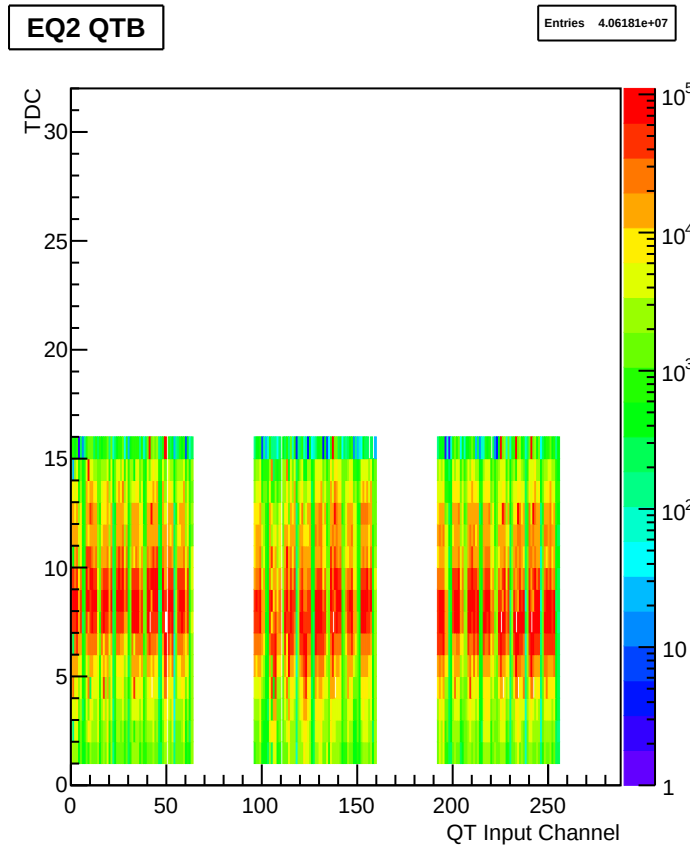

EQ1 QTB
Entries 1.52824e+08
ADC
QT Input Channel

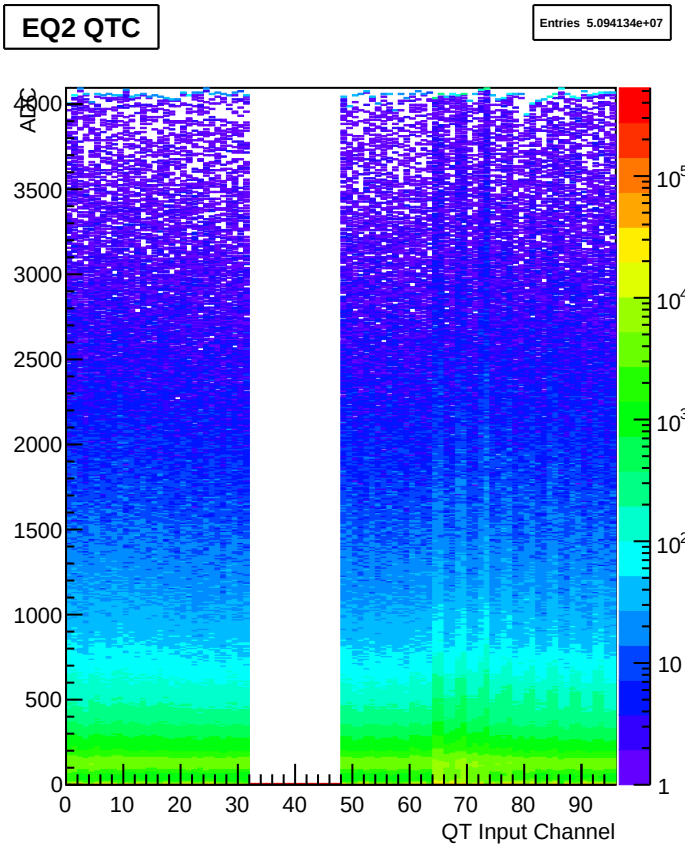

EQ1 QTB
Entries 5.518509e+07
TDC
QT Input Channel

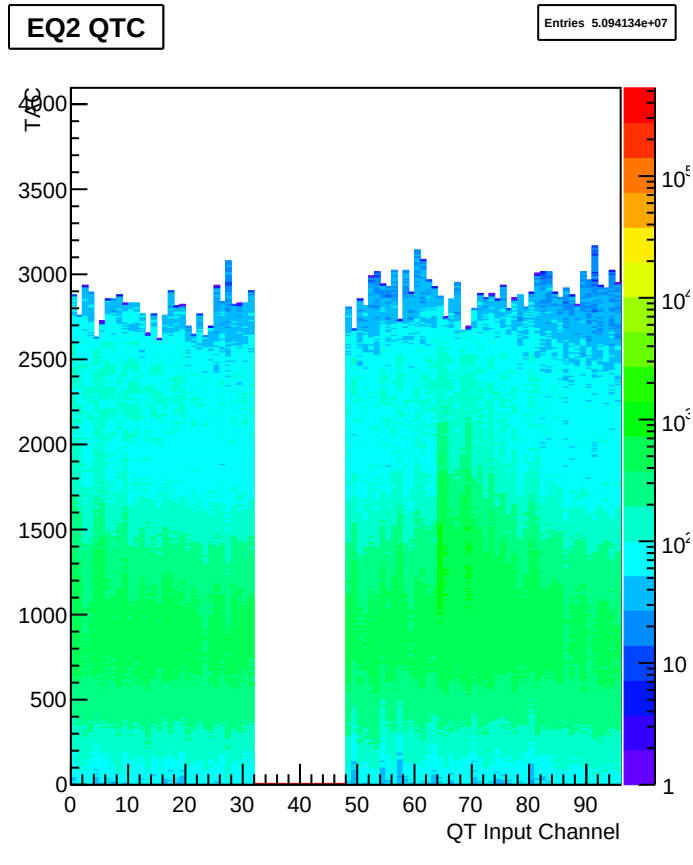

EQ1 QTC
Entries 5.094134e+07
ADC
QT Input Channel

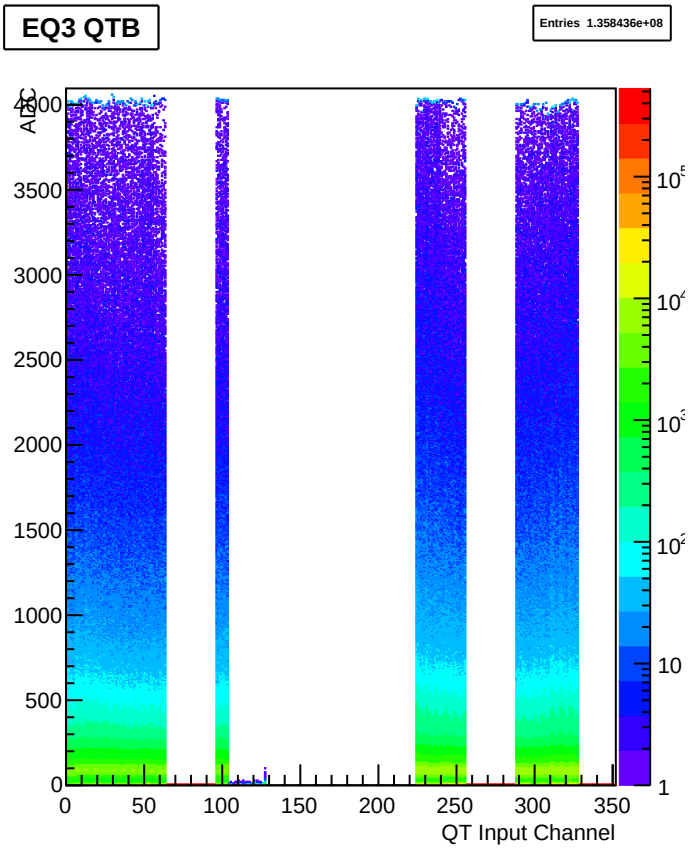

EQ1 QTC
Entries 5.094134e+07
TADC
QT Input Channel

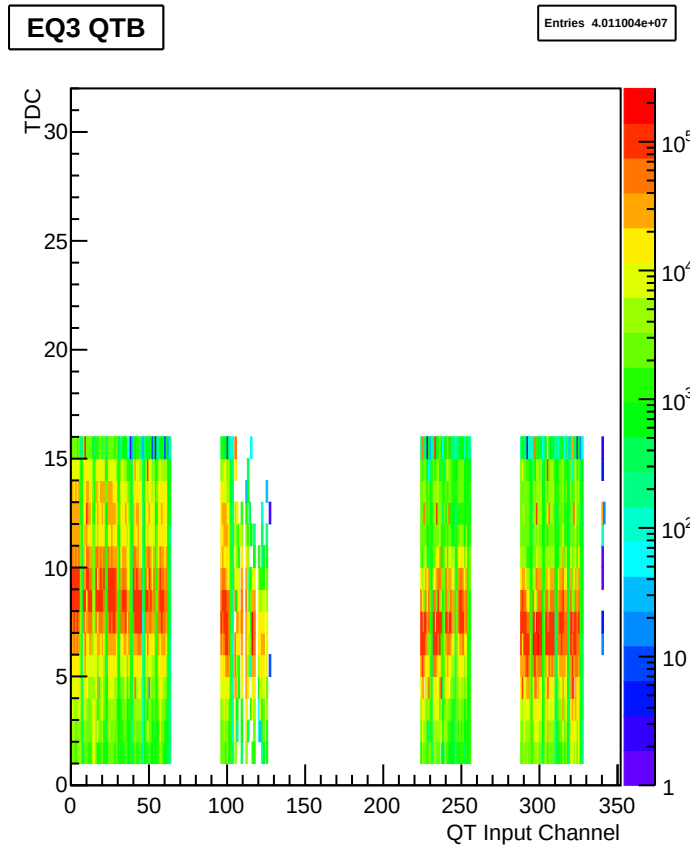

EQ2 QTB
Entries 1.52824e+08
ADC
QT Input Channel


EQ2 QTB
Entries 4.06181e+07
TDC
QT Input Channel


EQ2 QTC
Entries 5.094134e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.094134e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.358436e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.011004e+07
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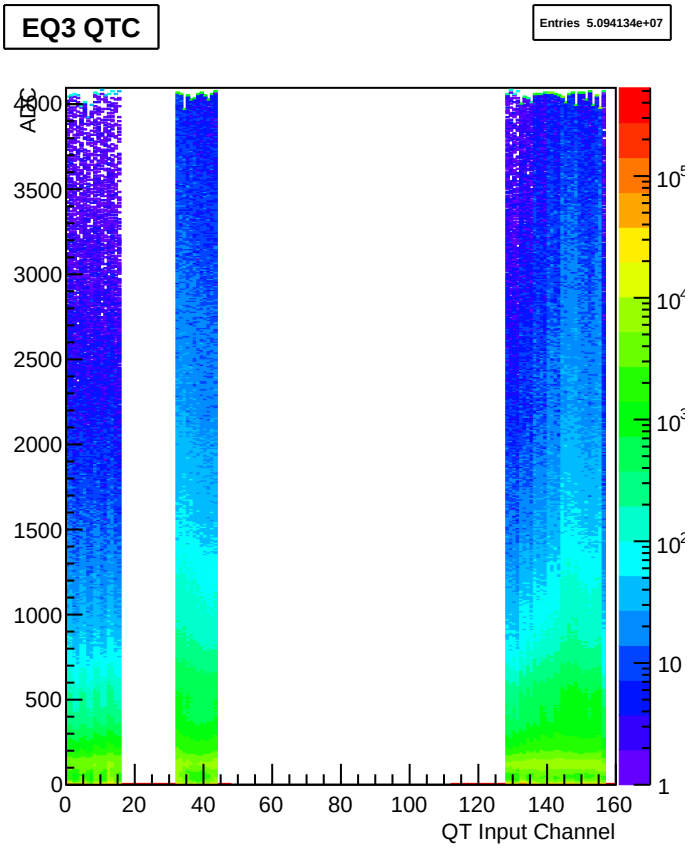
QT Input Channel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Entries 5.094134e+07
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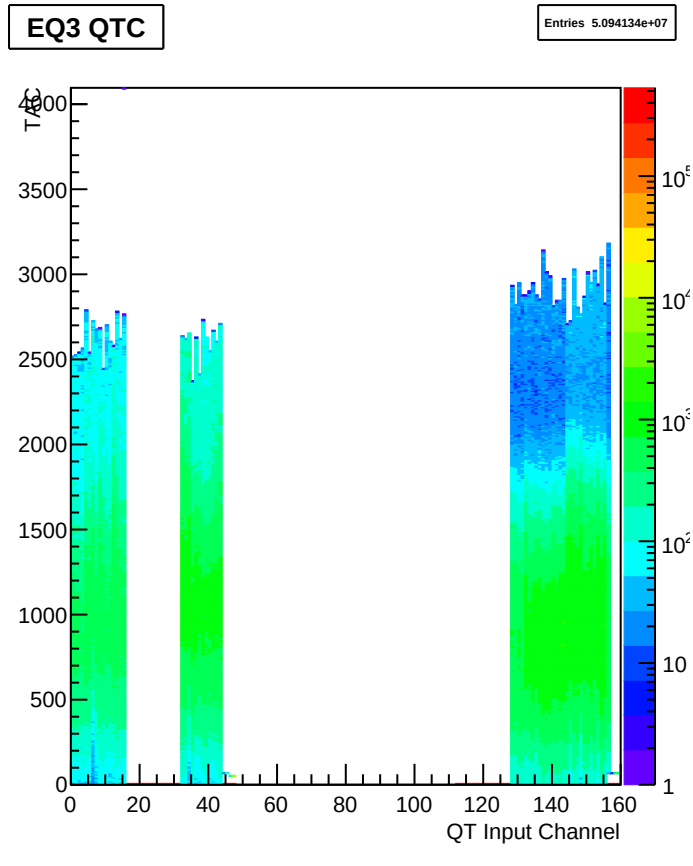
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Entries 5.094134e+07
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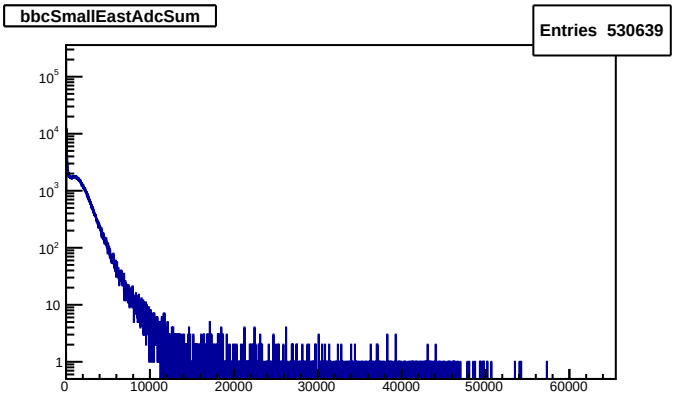
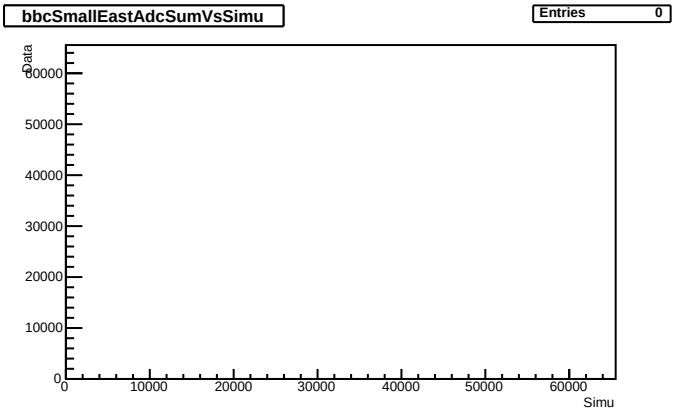
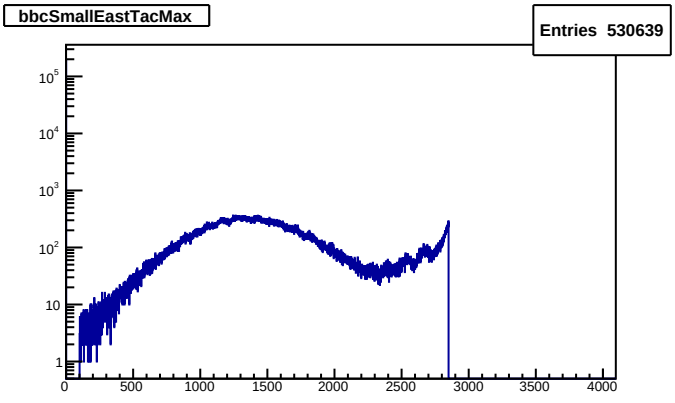
QT Input Channel


bbcSmallEastAdcSum
Entries 530639


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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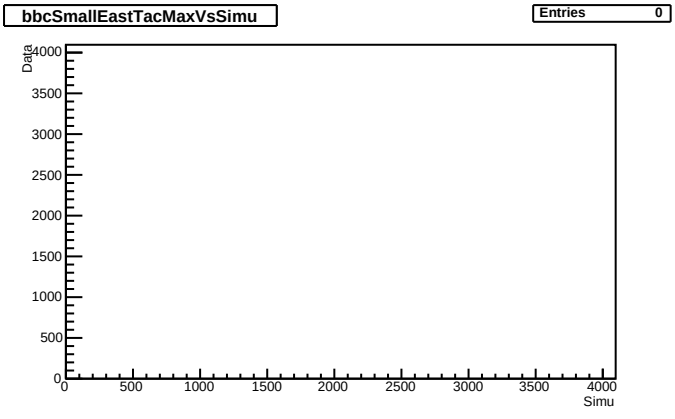
Entries 530639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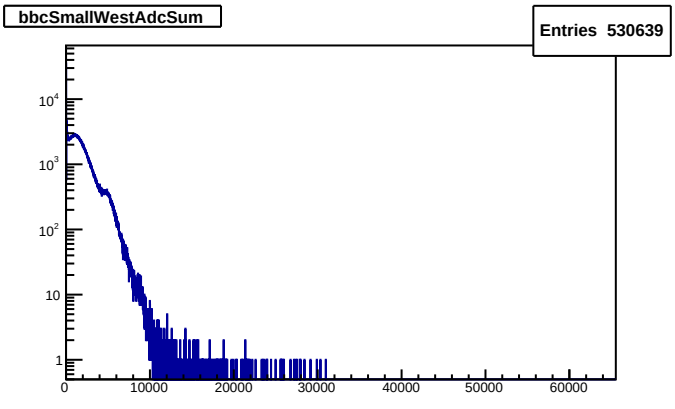
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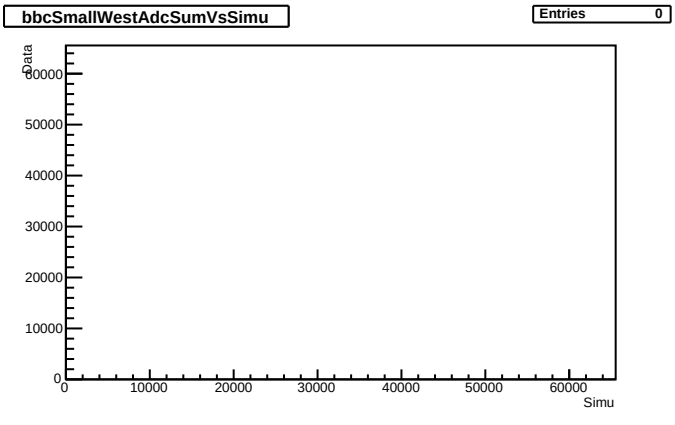
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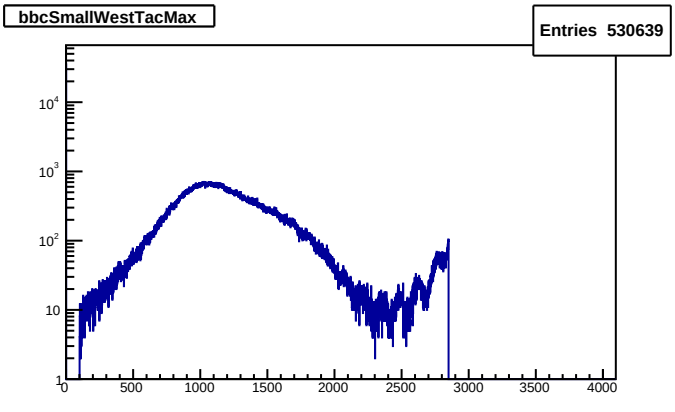
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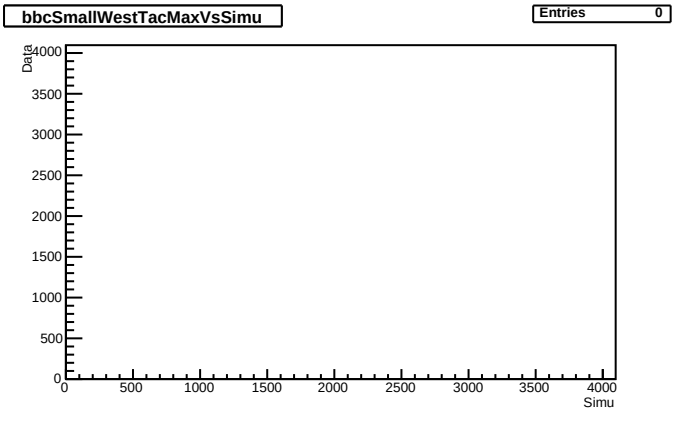
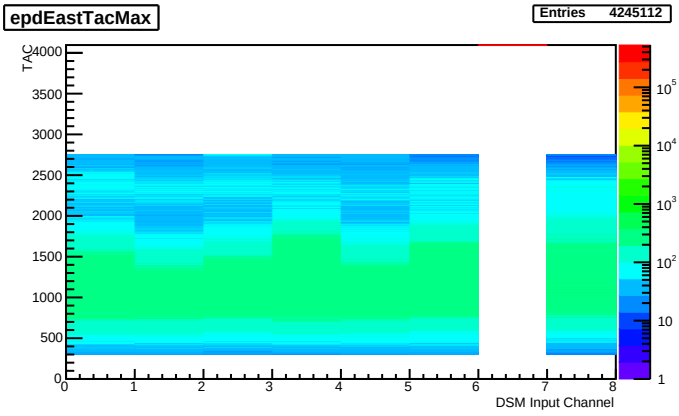
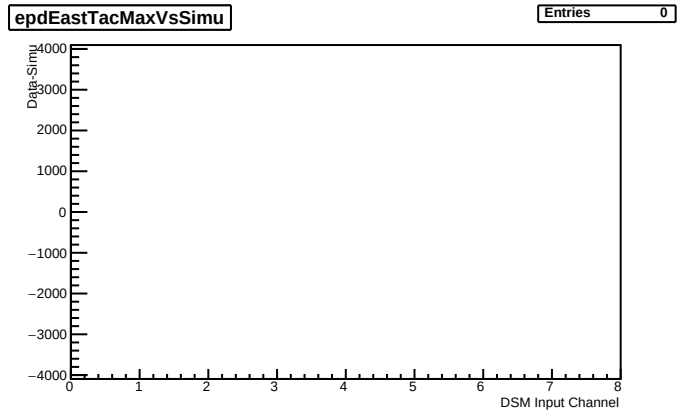
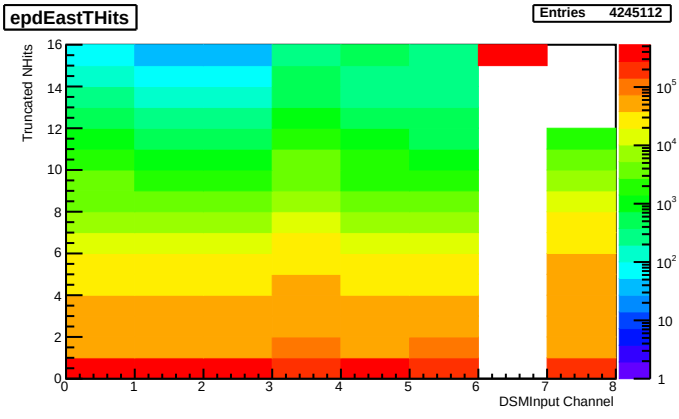
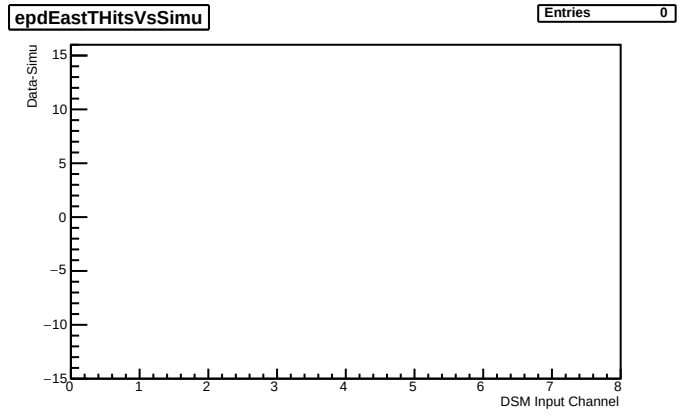
Entries 530639


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 4245112
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4245112
Truncated NHits
DSMInput Channel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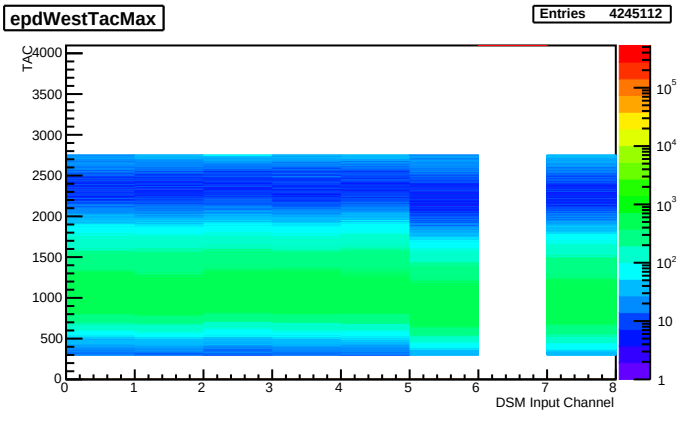
DSM Input Channel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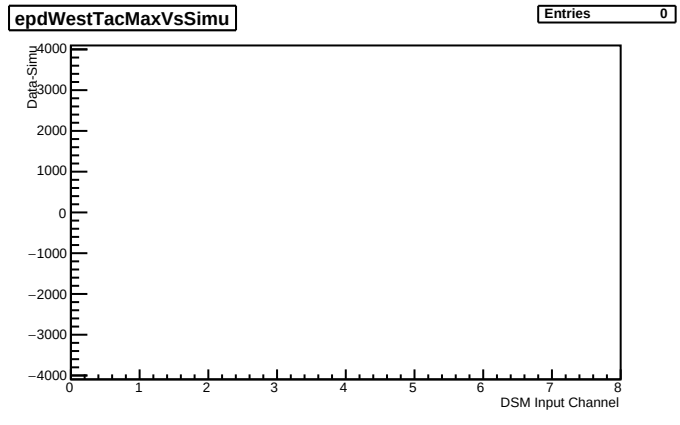
Entries 4245112
TAC
DSM Input Channel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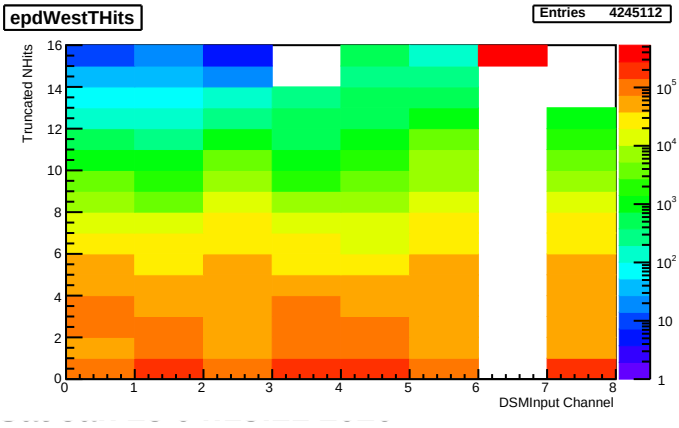
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Entries 4245112
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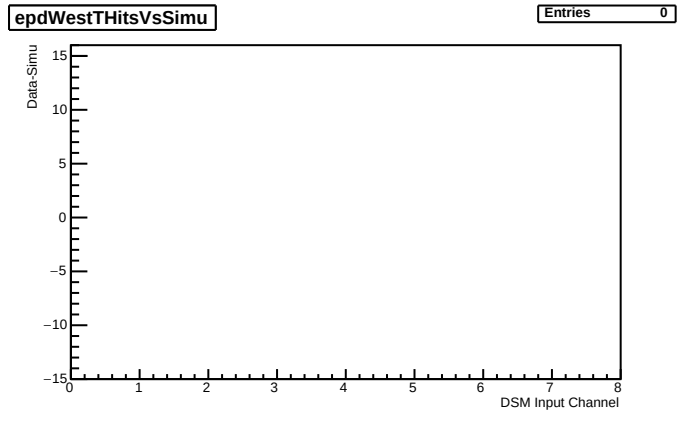
DSMInput Channel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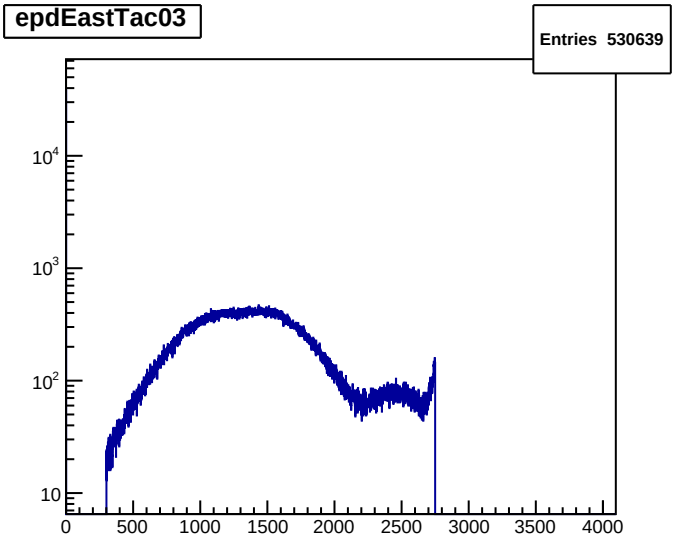
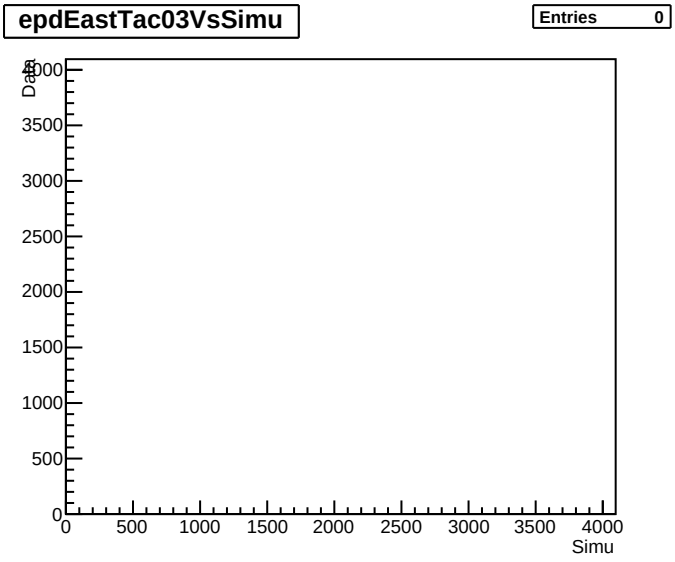
DSM Input Channel


epdEastTac03
Entries 530639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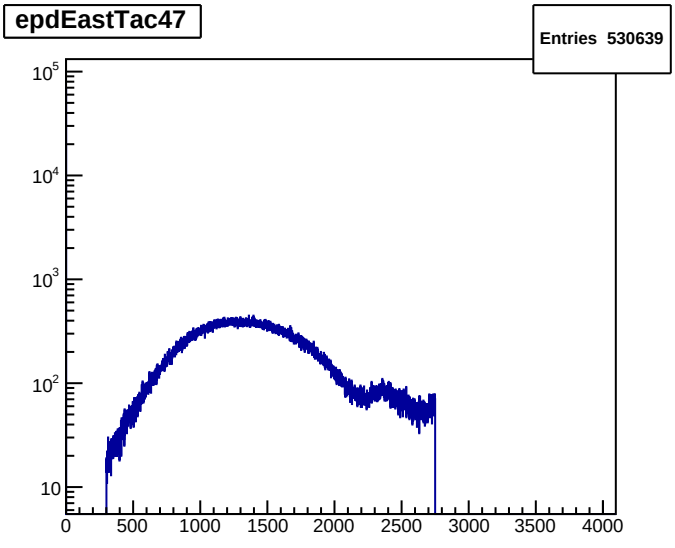
Entries 0
Data
Simu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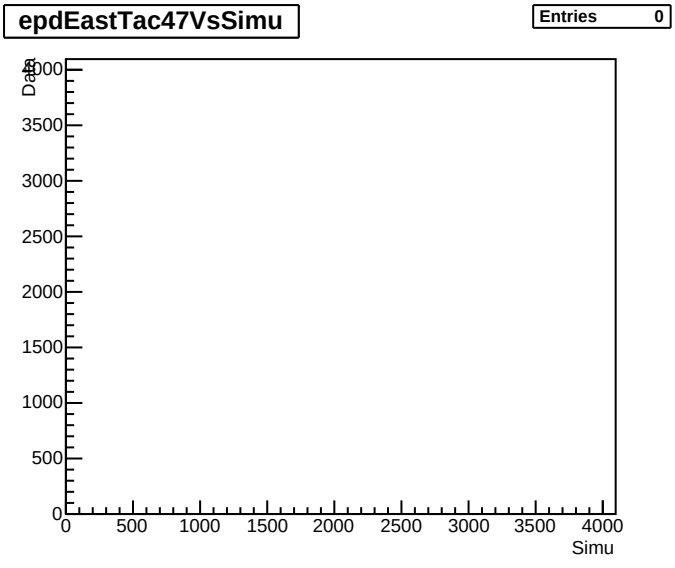
Entries 530639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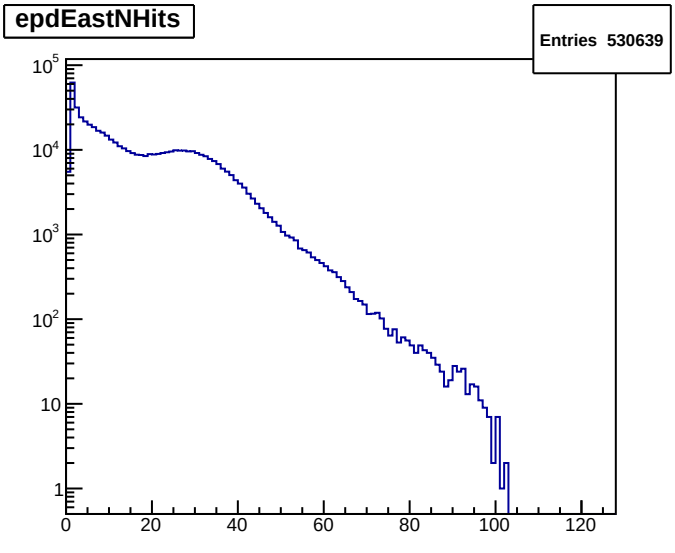
Entries 0
Data
Simu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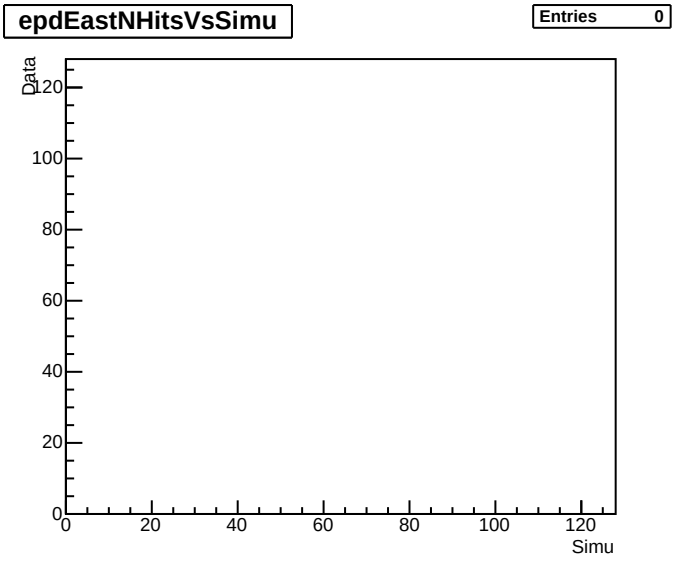
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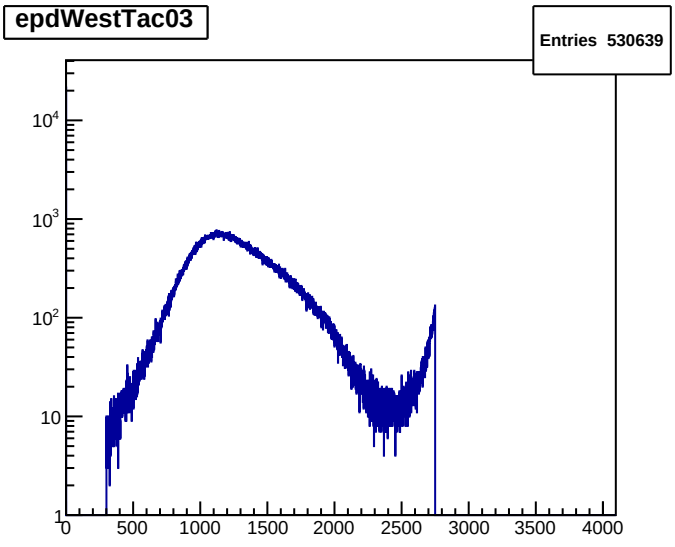
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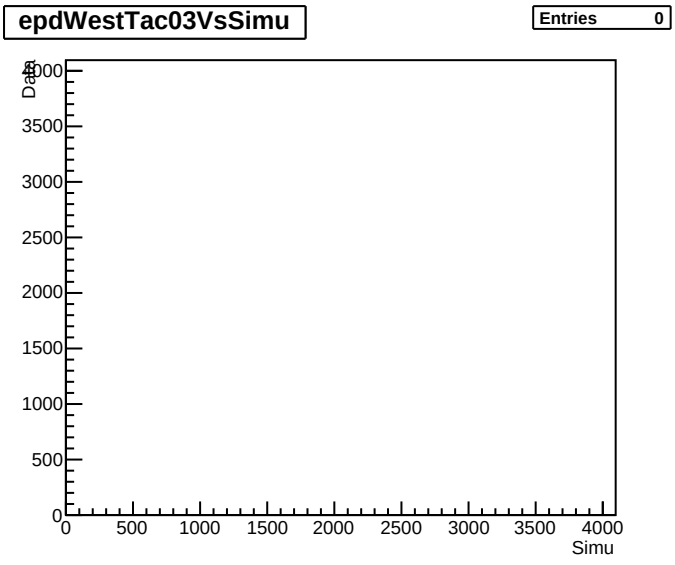
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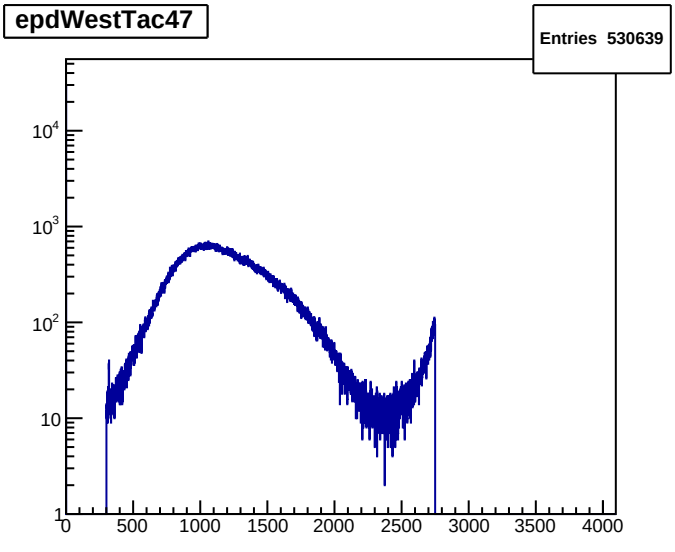
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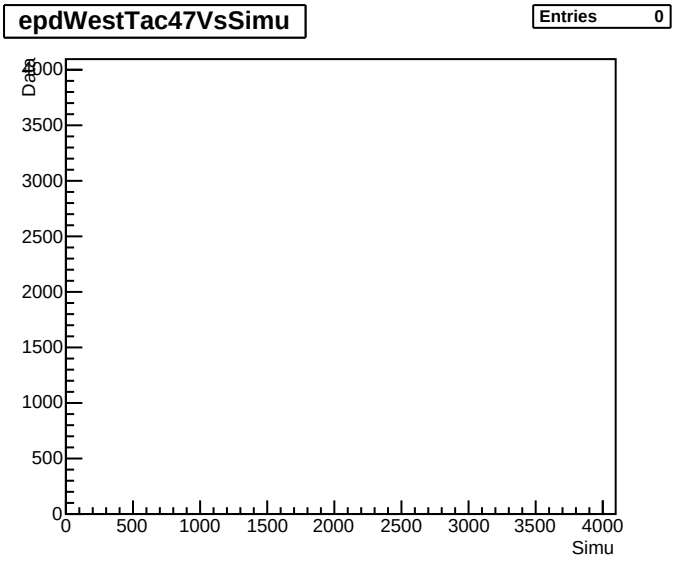
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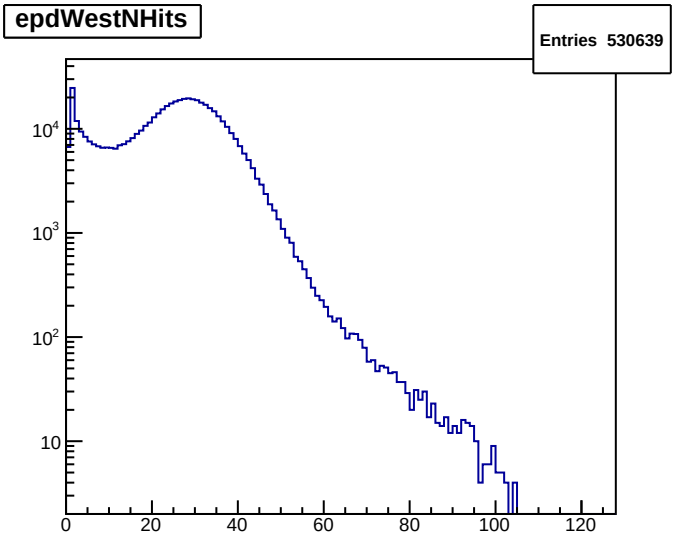
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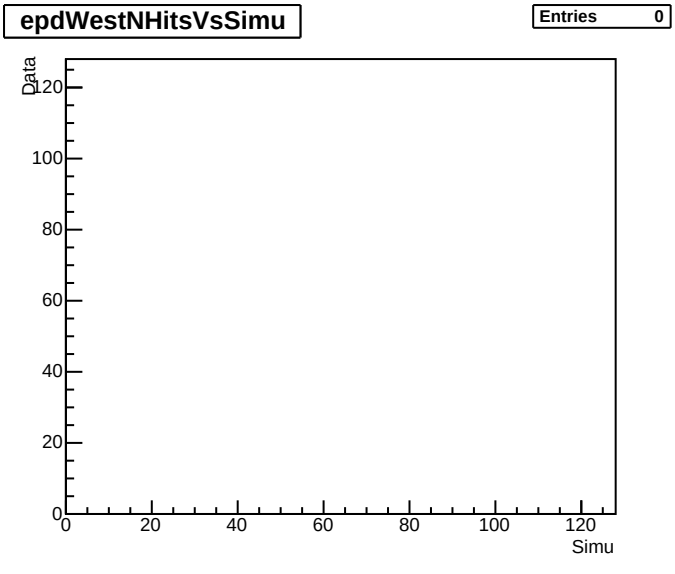
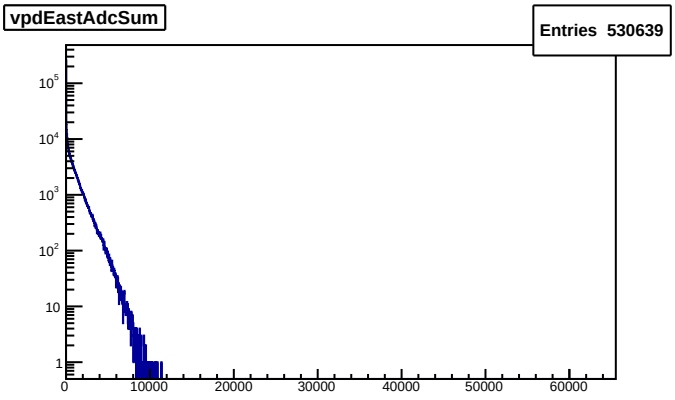
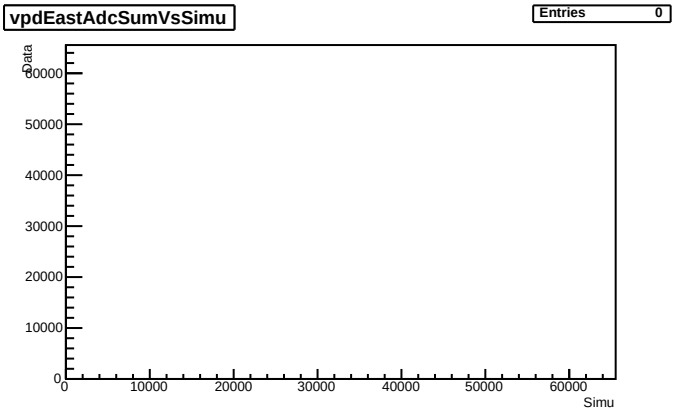
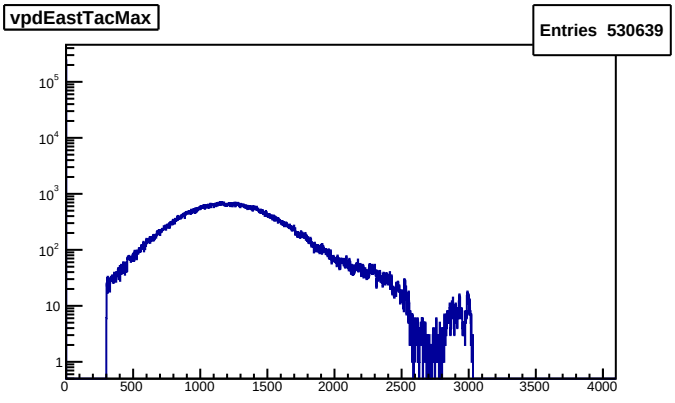
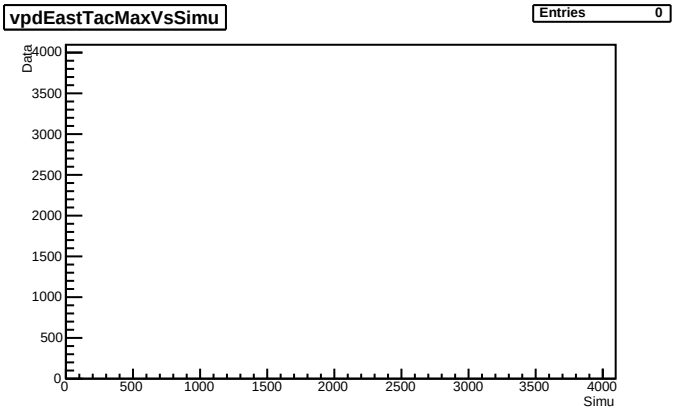

epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 530639


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 530639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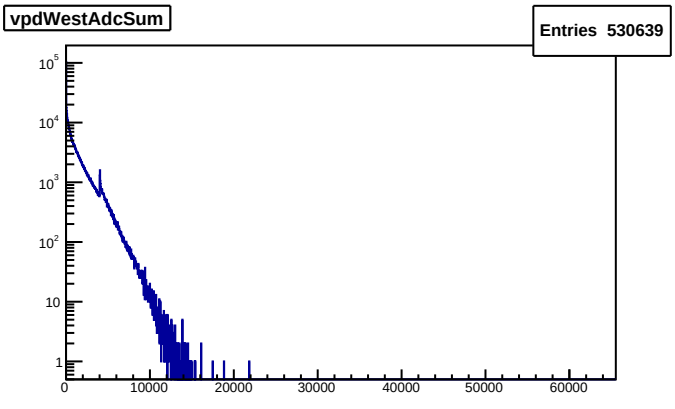
Entries 0
Data
Simu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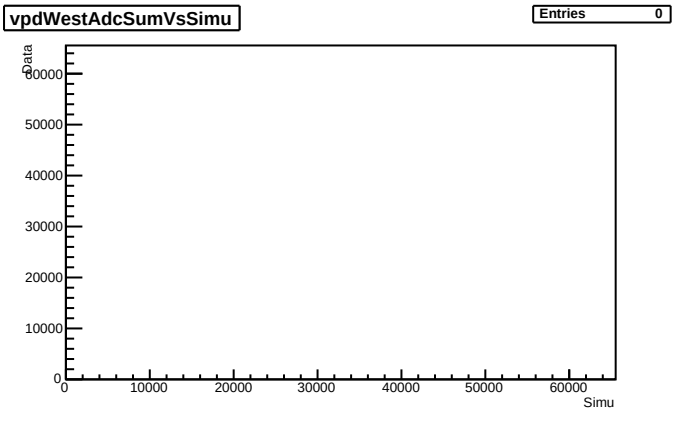
Entries 530639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Entries 0
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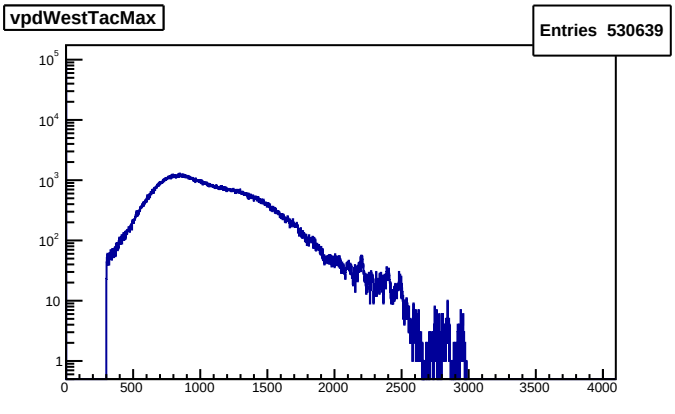
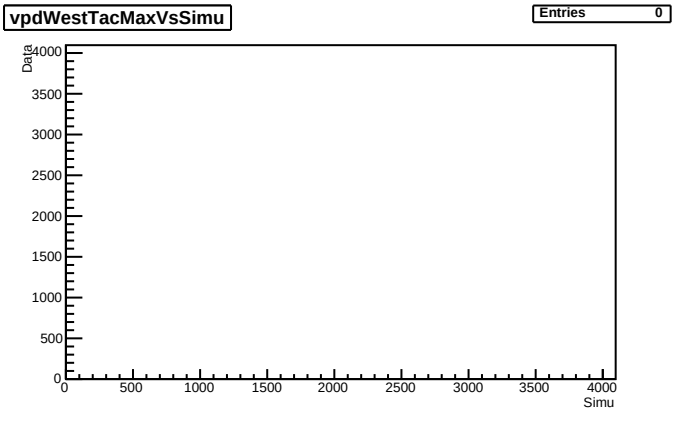
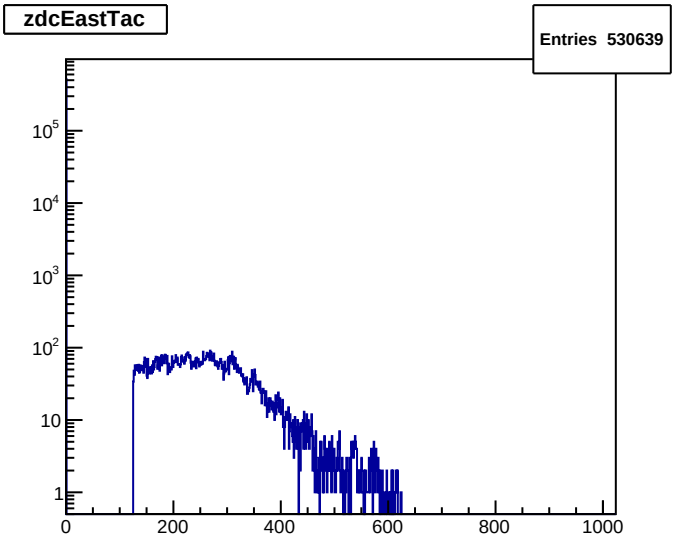
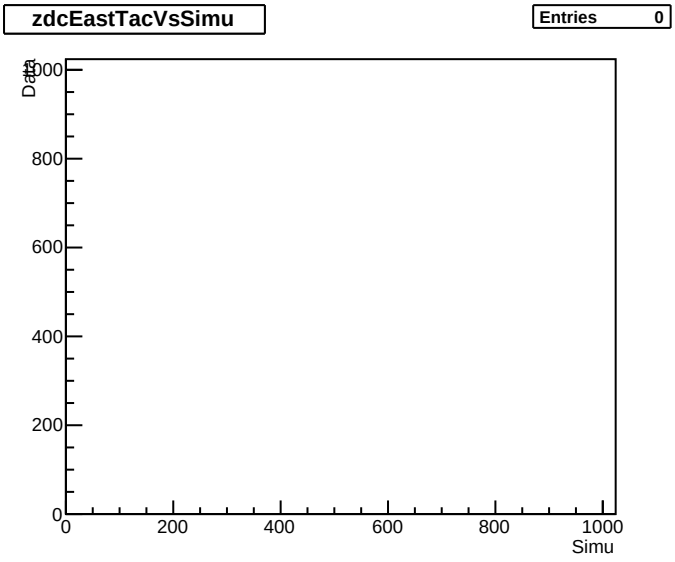
Simu


vpdWestTacMax
Entries 530639


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 530639


zdcEastTacVsSimu
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Data
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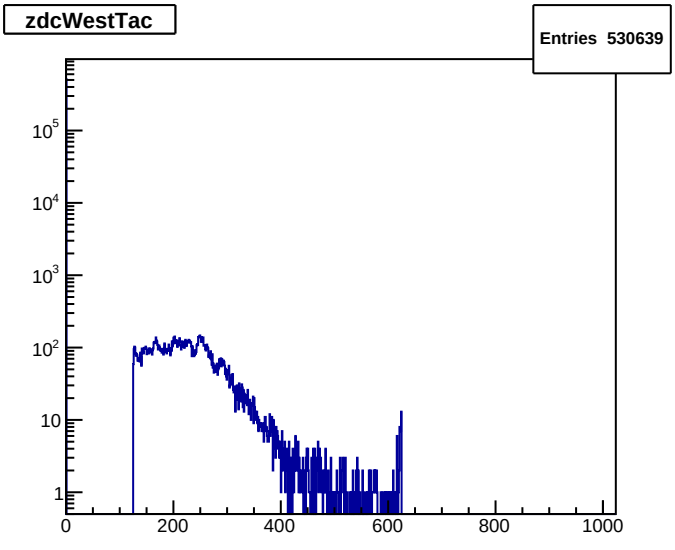
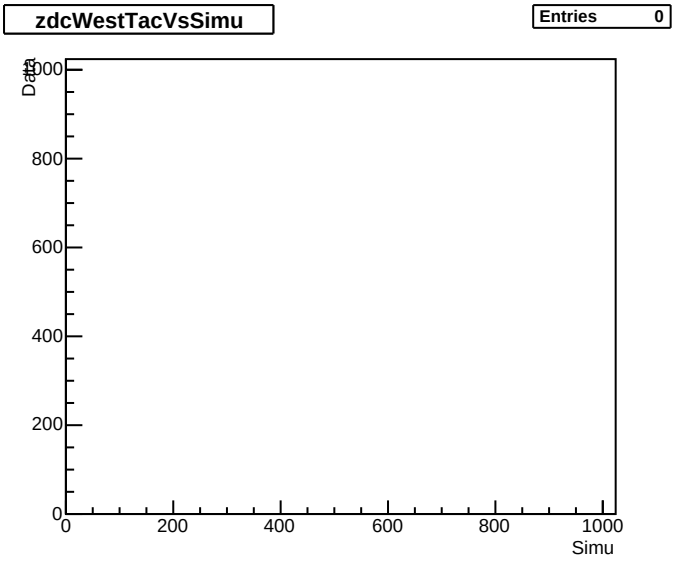
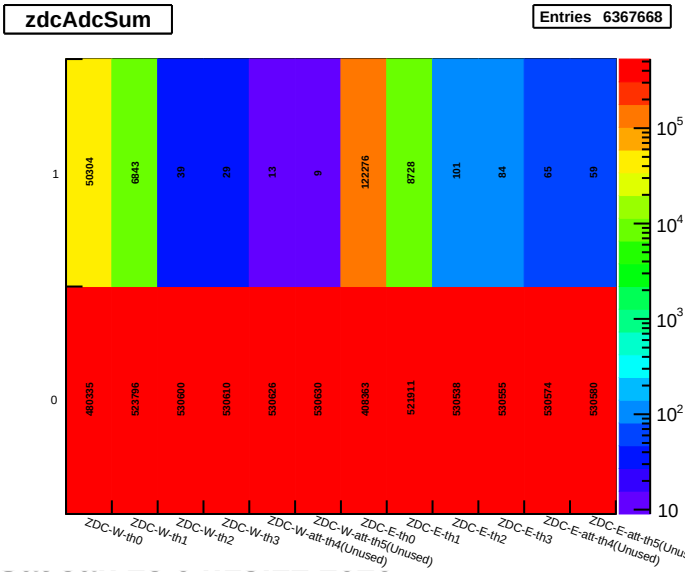
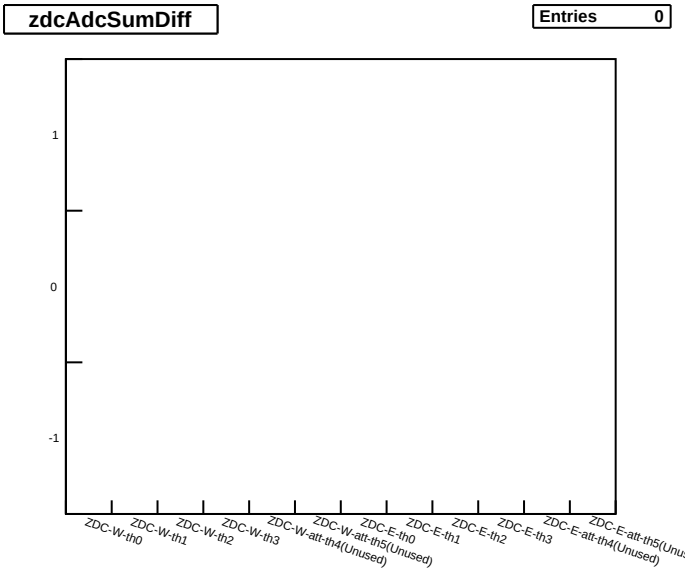

zdcWestTac
Entries 530639


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 6367668
50304
6843
39
29
13
9
122276
8728
101
84
65
59
480335
523796
530600
530610
530626
530630
408363
521911
530538
530555
530574
530580
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)
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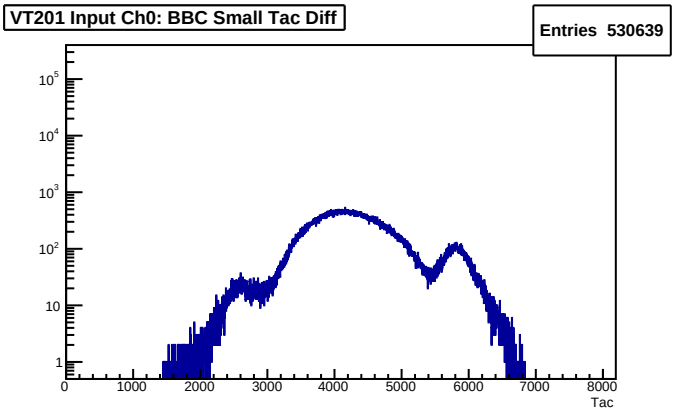
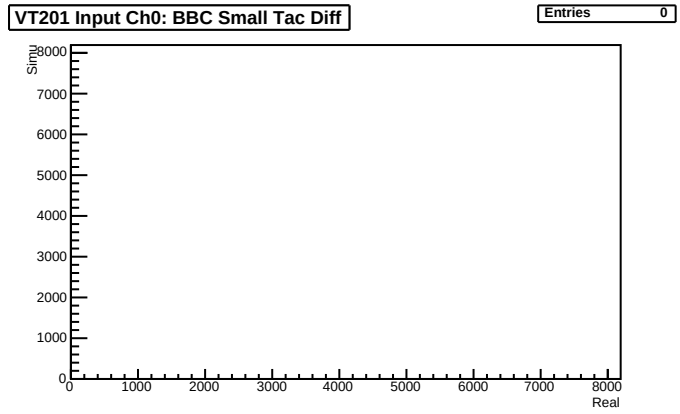
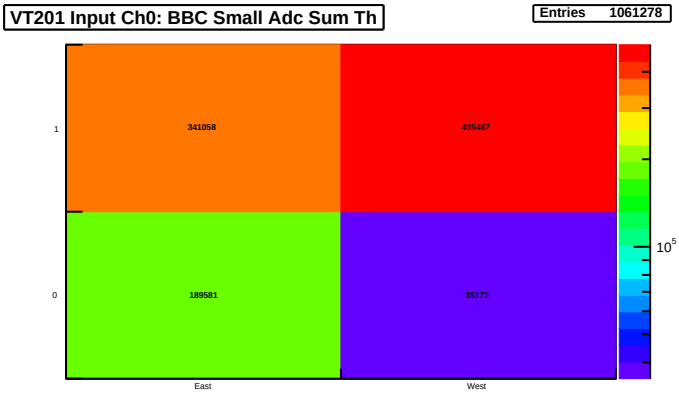
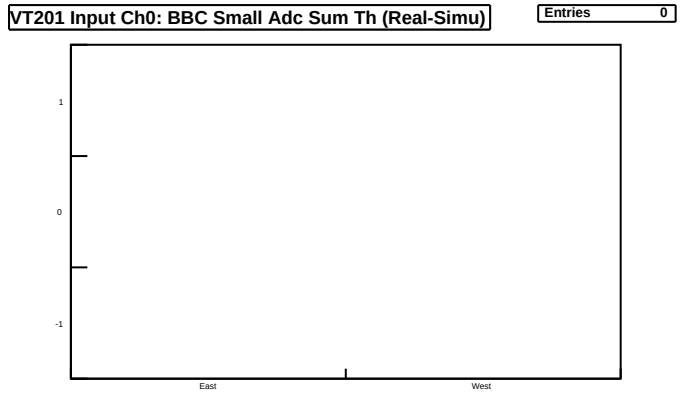
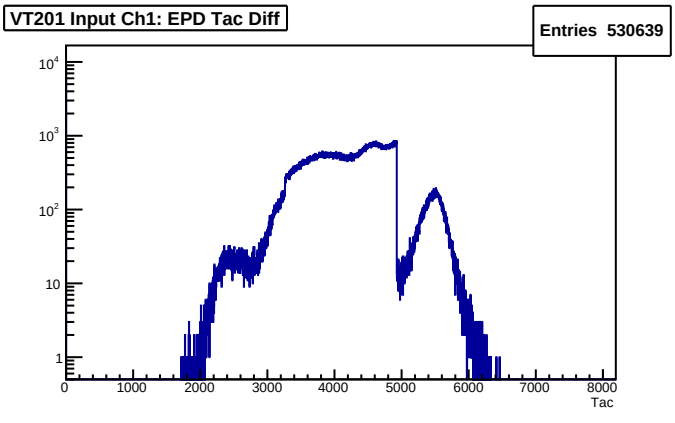
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

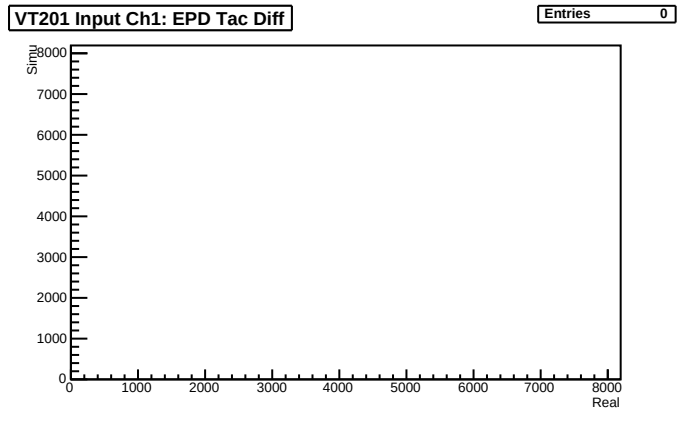

VT201 Input Ch0: BBC Small Tac Diff
Entries 530639
Tac

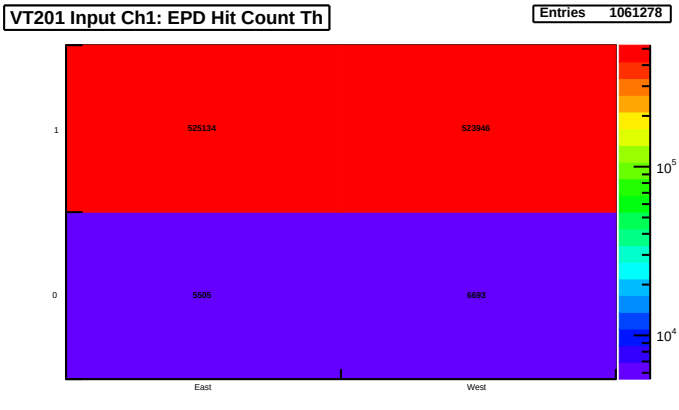

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

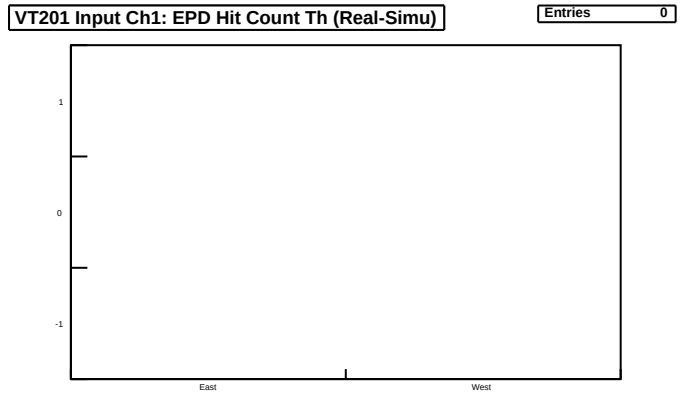

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1061278
341058
495467
189581
35172
East
West

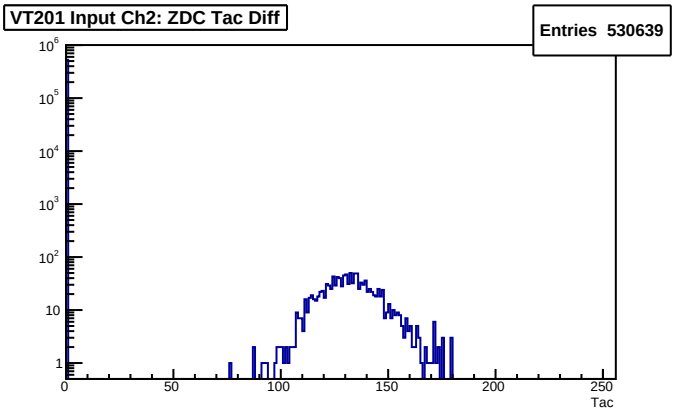

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

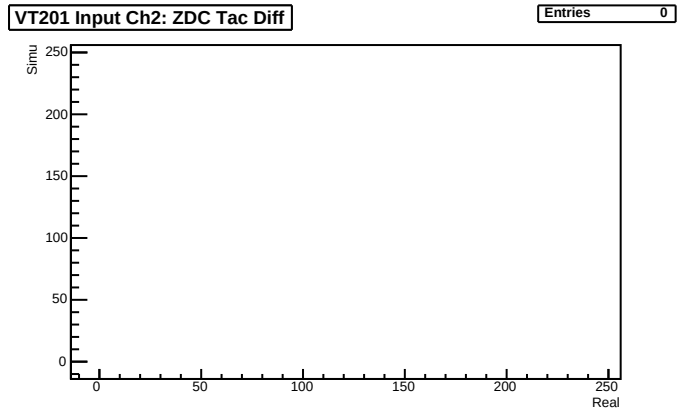

VT201 Input Ch1: EPD Tac Diff
Entries 530639
Tac

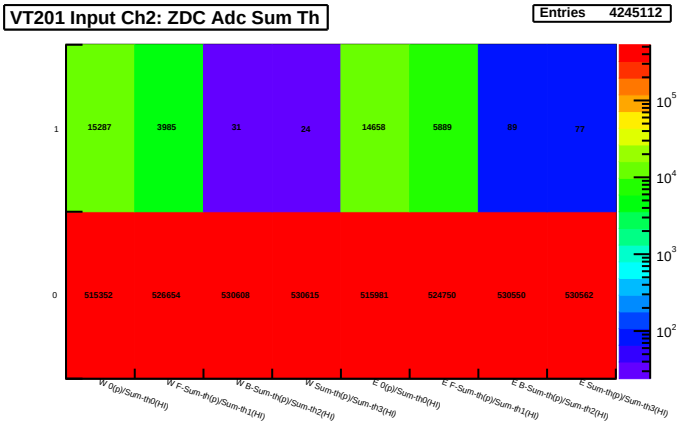

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

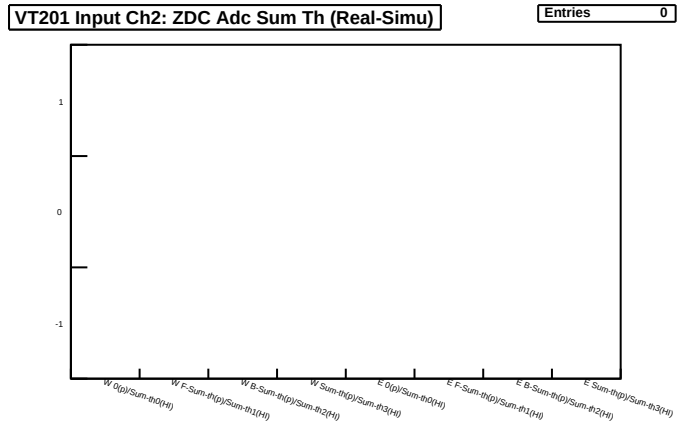

VT201 Input Ch1: EPD Hit Count Th
Entries 1061278
525134
523946
5505
6693
East
West

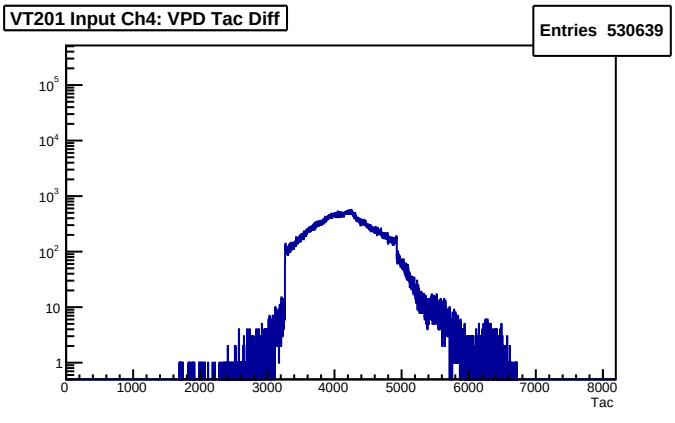

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

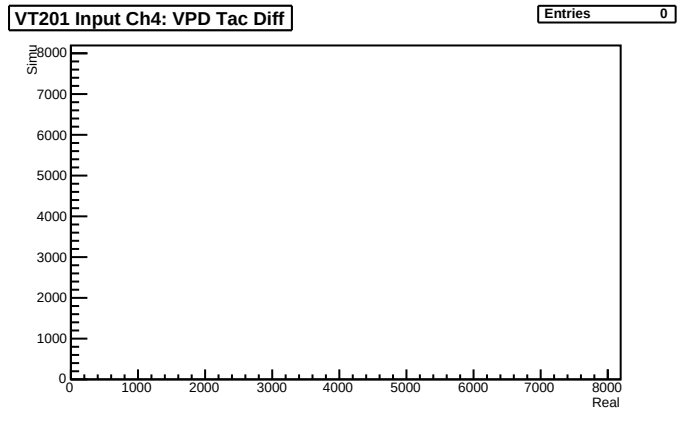

VT201 Input Ch2: ZDC Tac Diff
Entries 530639
Tac

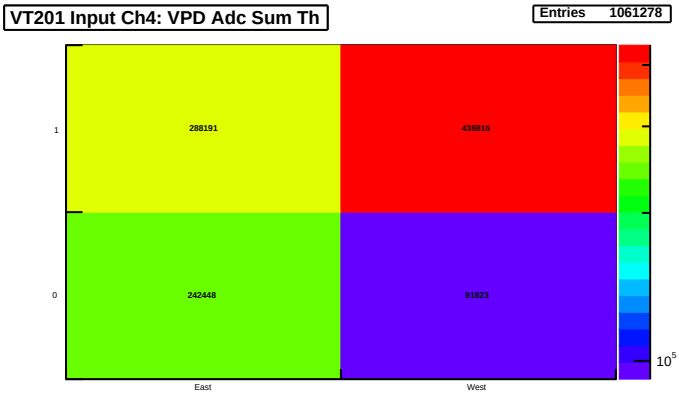

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

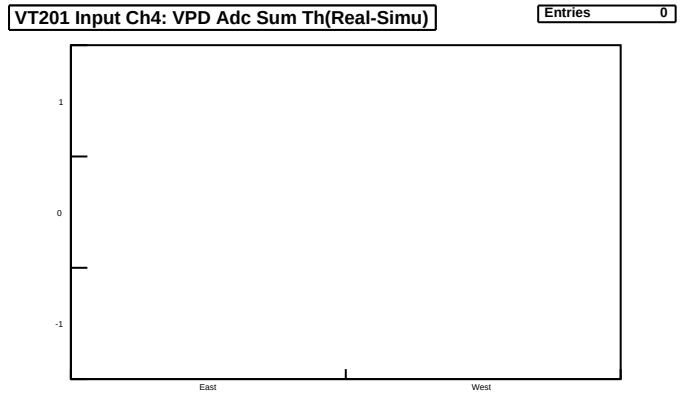

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4245112
15287
3985
31
24
14658
5889
89
77
515352
526654
530608
530615
515981
524750
530550
530562
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

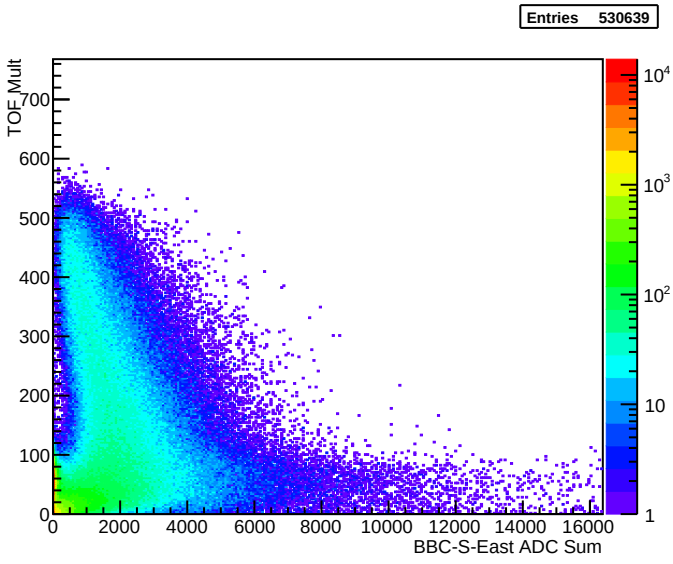

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

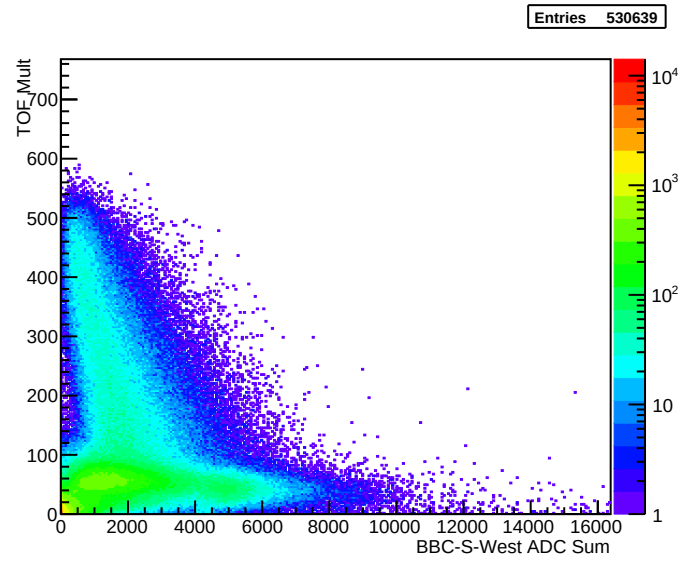

VT201 Input Ch4: VPD Tac Diff
Entries 530639
Tac

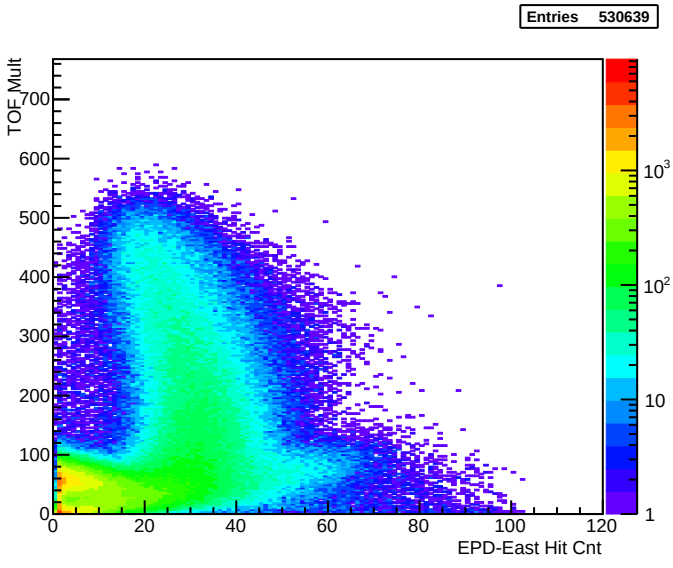

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

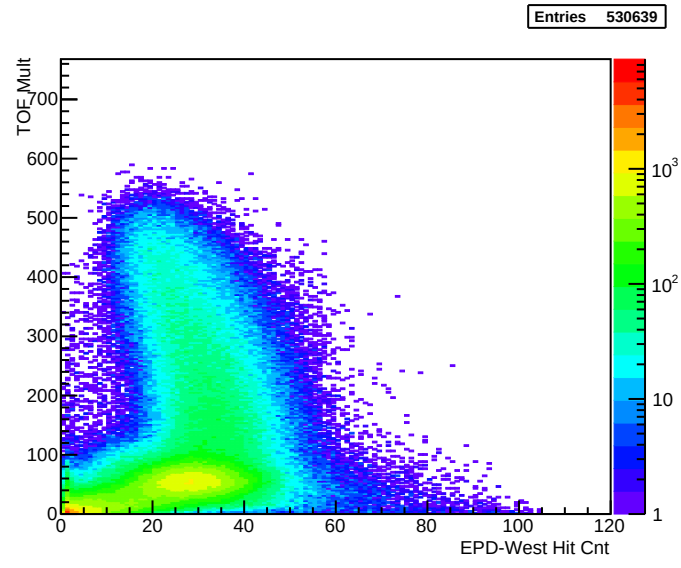

VT201 Input Ch4: VPD Adc Sum Th
Entries 1061278
288191
438816
242448
91823
East
West

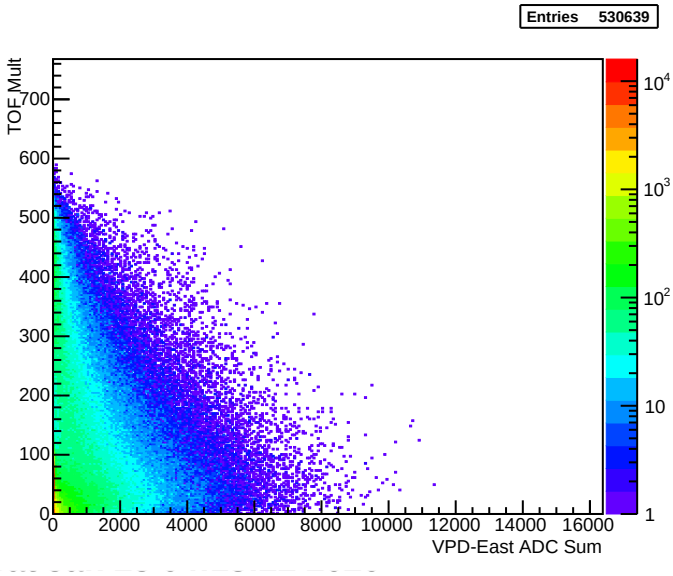

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

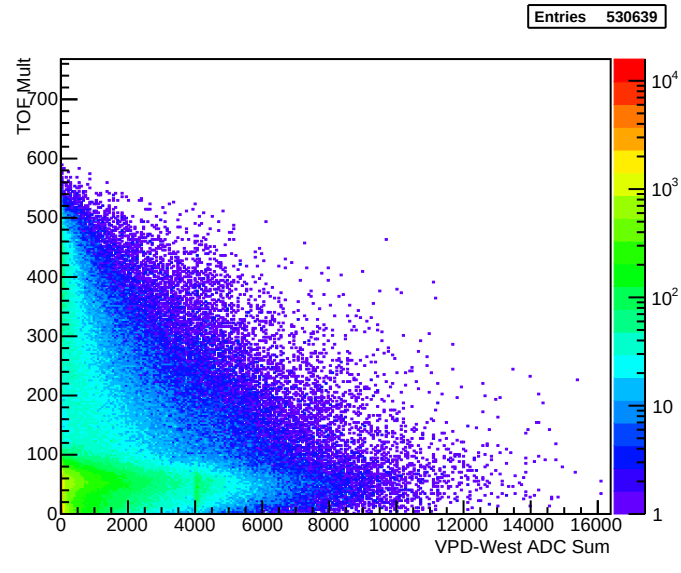

Entries 530639
TOF_Mult
BBC-S-East ADC Sum

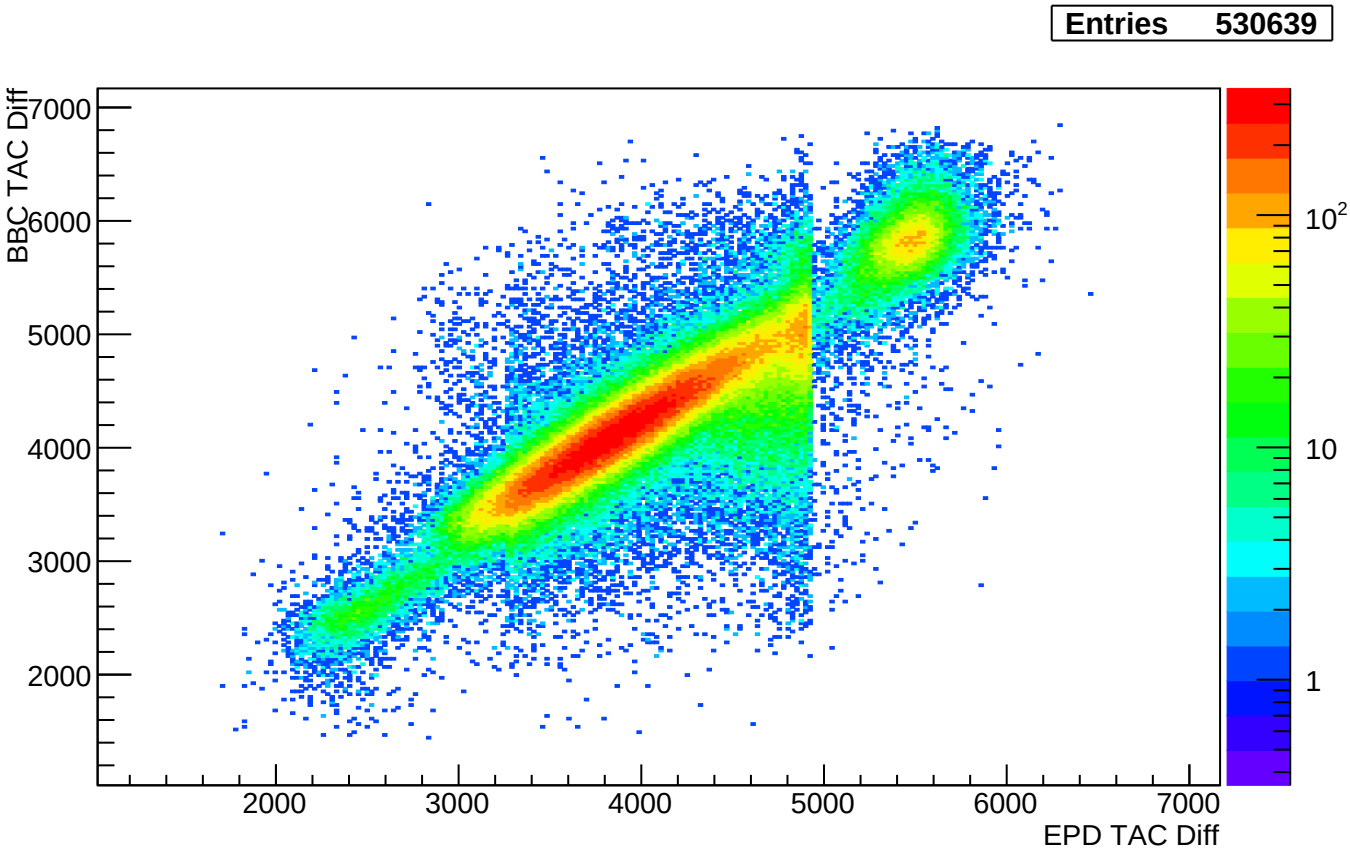

Entries 530639
TOF_Mult
BBC-S-West ADC Sum

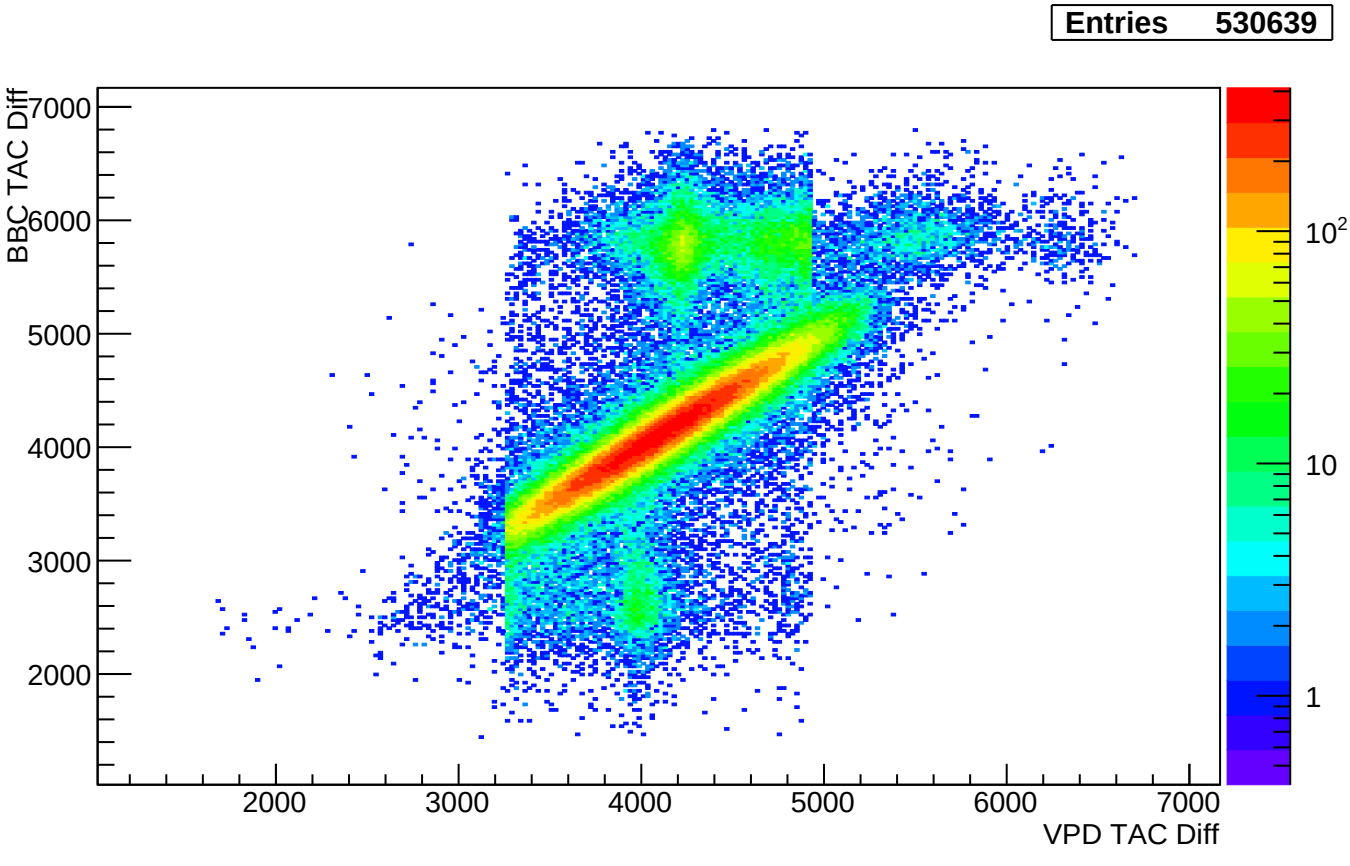

Entries 530639
TOF_Mult
EPD-East Hit Cnt

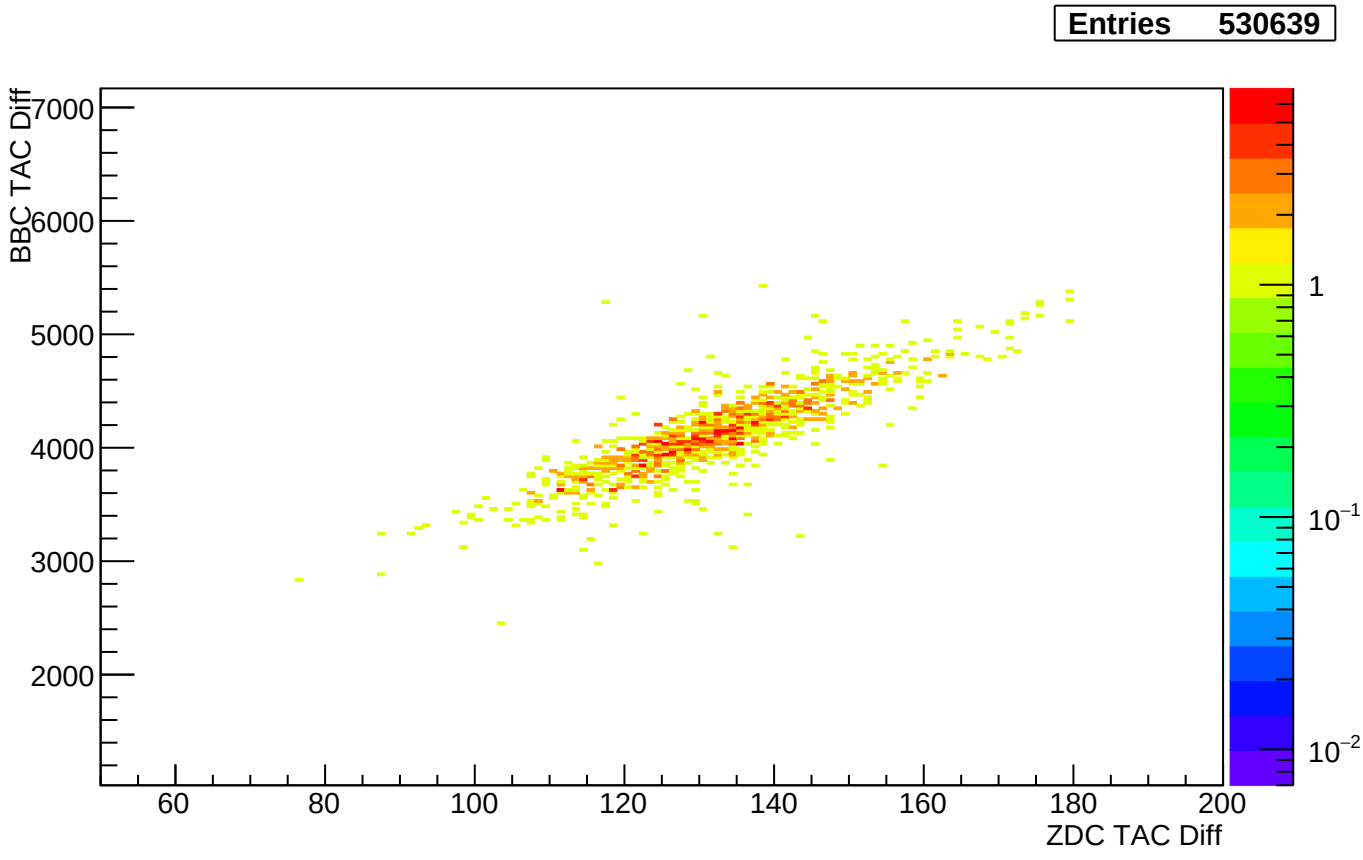

Entries 530639
TOF_Mult
EPD-West Hit Cnt

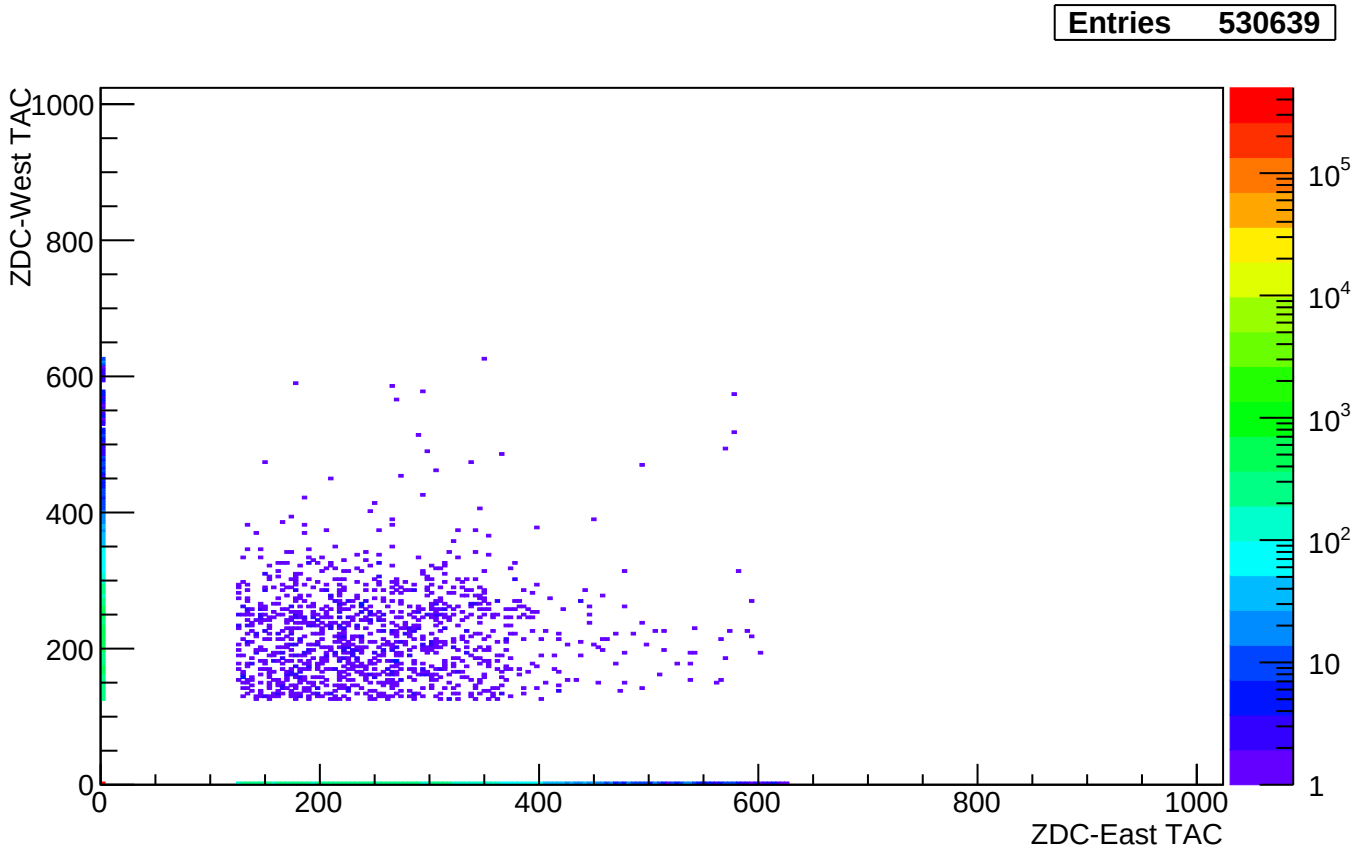

Entries 530639
TOF_Mult
VPD-East ADC Sum

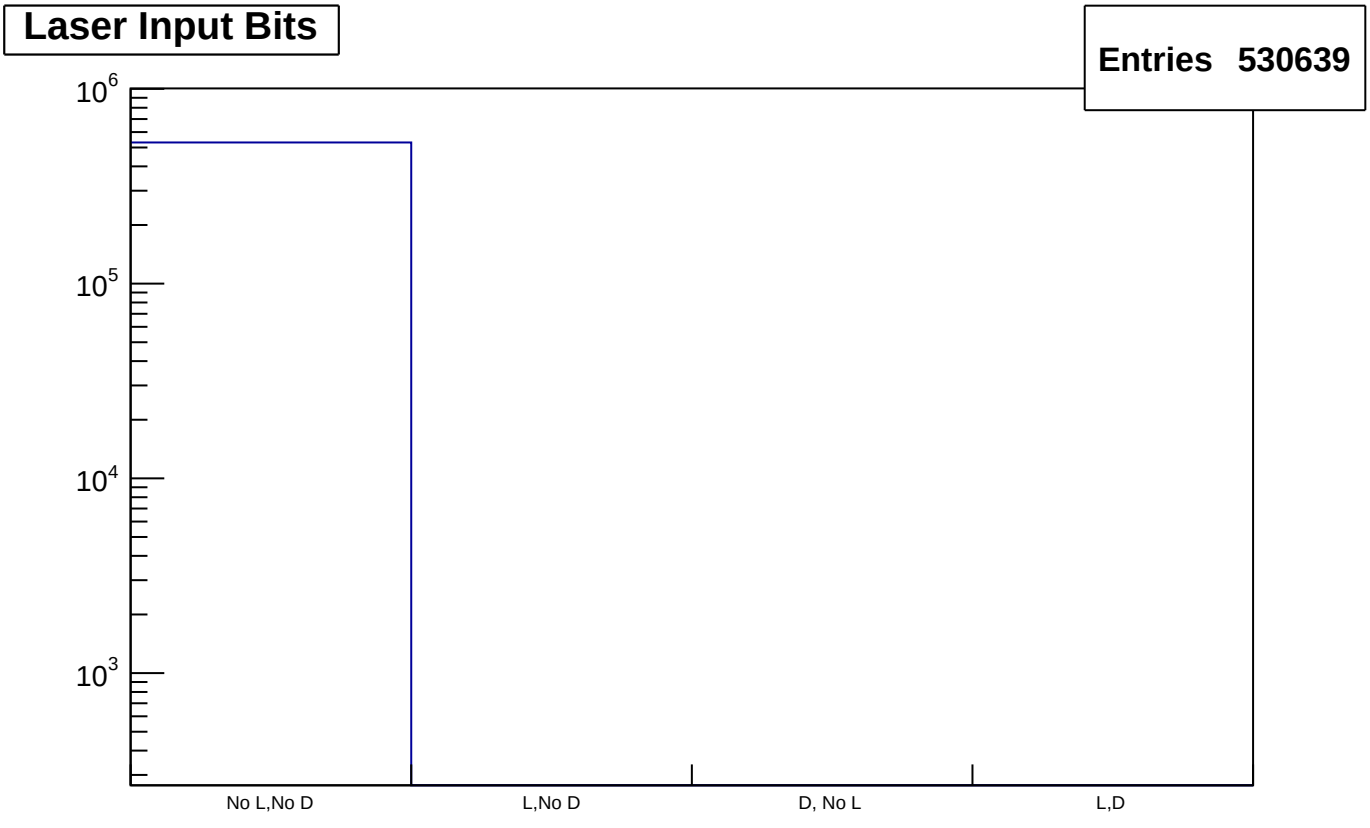

Entries 530639
TOF_Mult
VPD-West ADC Sum

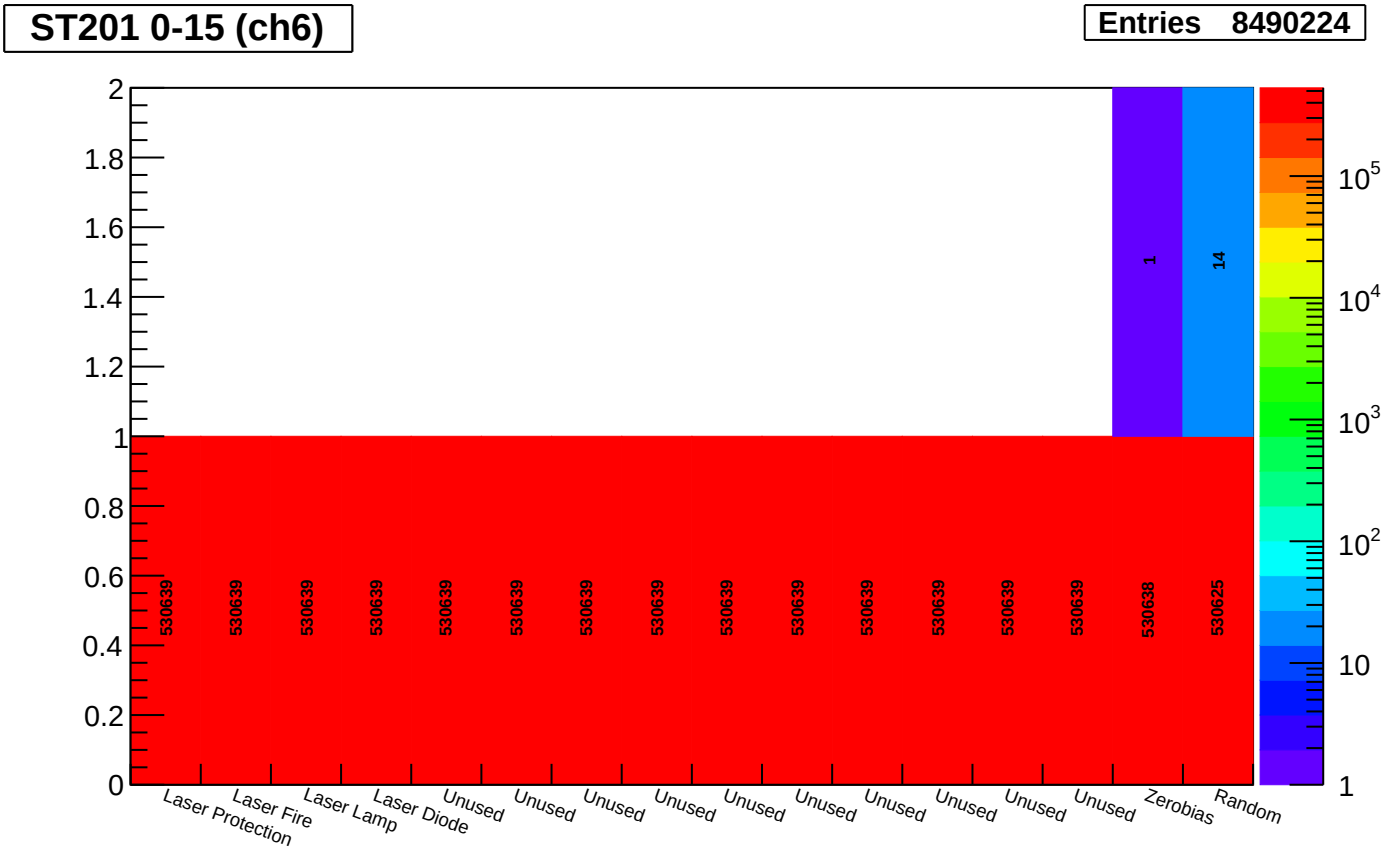

Entries 530639
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
$10^2$
10
1

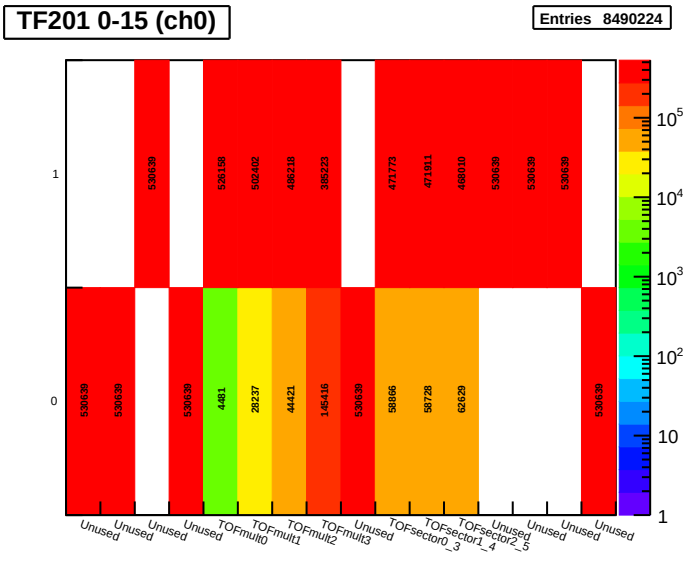

Entries 530639
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
$10^2$
10
1

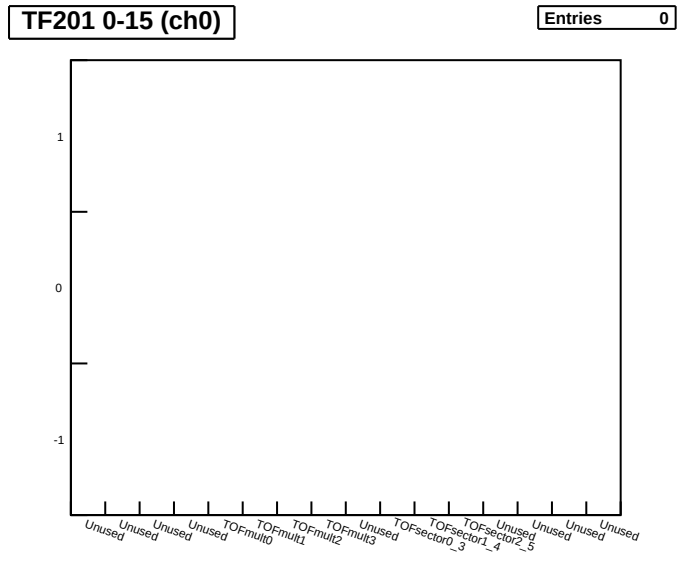

Entries 530639
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
$10^{-1}$
$10^{-2}$

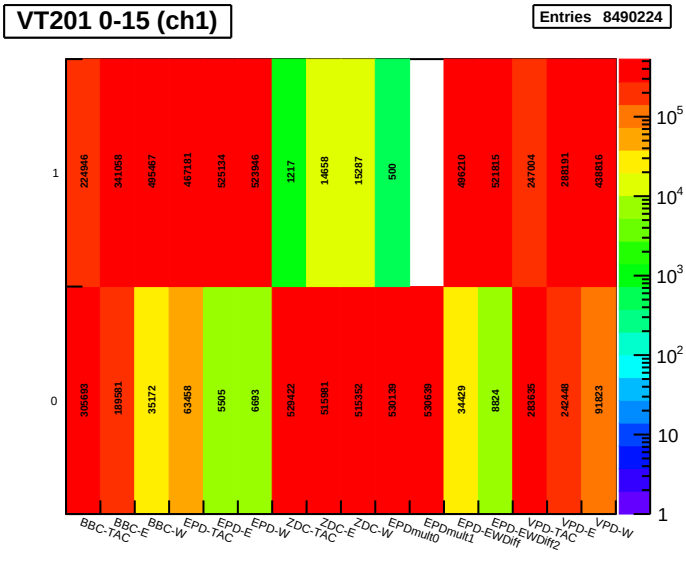

Entries 530639
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

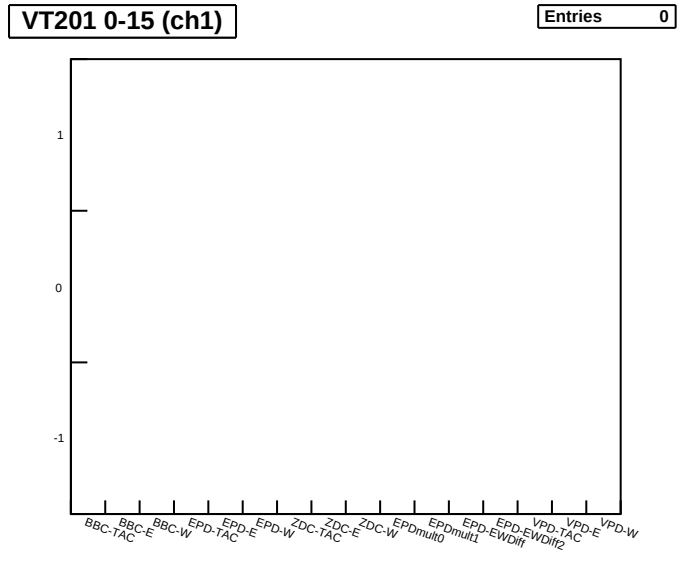

Laser Input Bits
Entries 530639
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

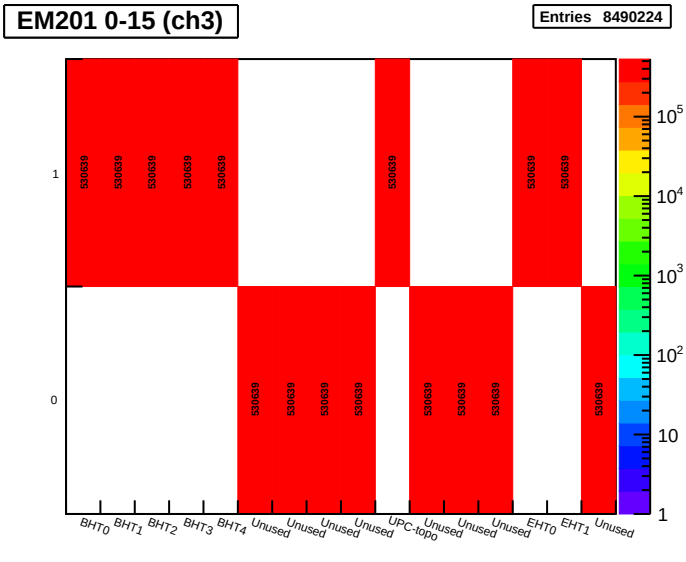

ST201 0-15 (ch6)
Entries 8490224
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530638
530625
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

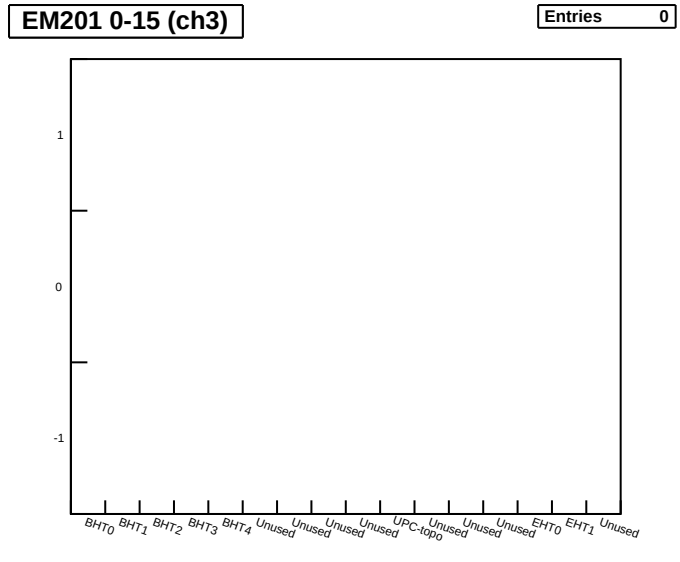

TF201 0-15 (ch0)
Entries 8490224
1
0
530639
526158
502402
486218
385223
471773
471911
468010
530639
530639
530639
530639
530639
4481
28237
44421
145416
530639
58866
58728
62629
530639
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
$10^5$
$10^4$
$10^3$
$10^2$
10
1


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 8490224
1
0
224946
341058
495467
497181
525134
523946
1217
14658
15287
500
496210
521815
247004
288191
438816
306693
189581
35172
63468
5505
6693
529422
515981
515352
530139
530639
34429
8824
283635
242448
91823
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 8490224
1
0
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
530639
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