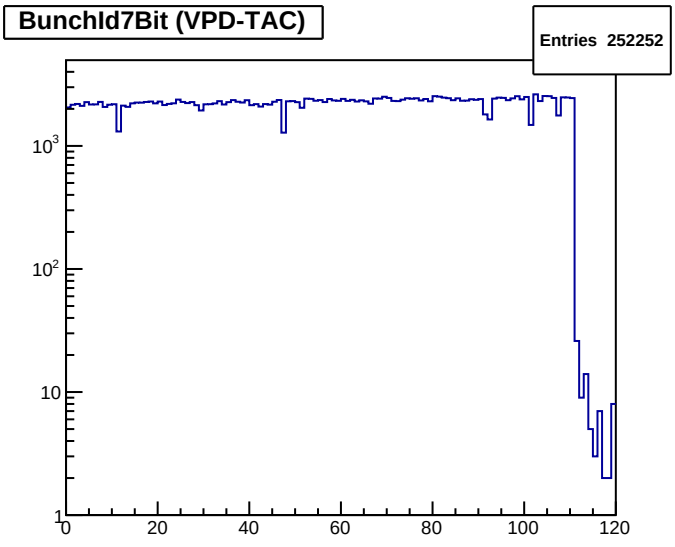
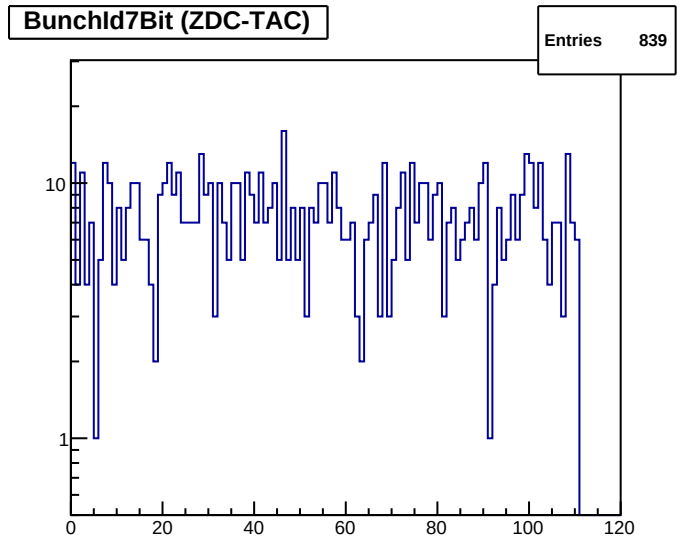
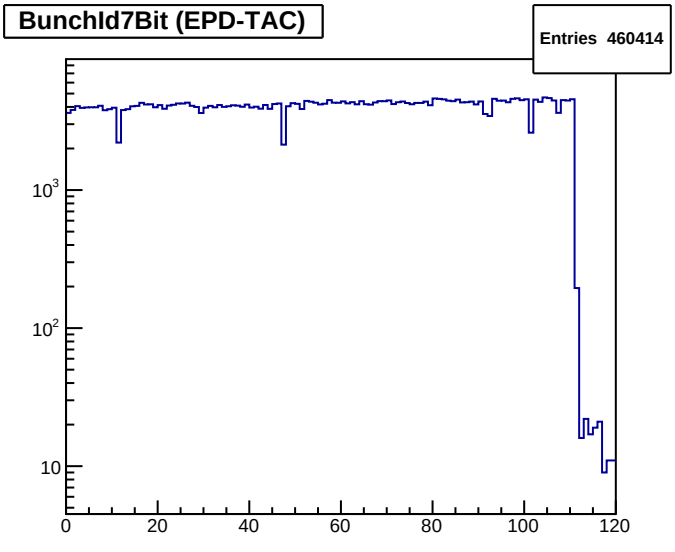
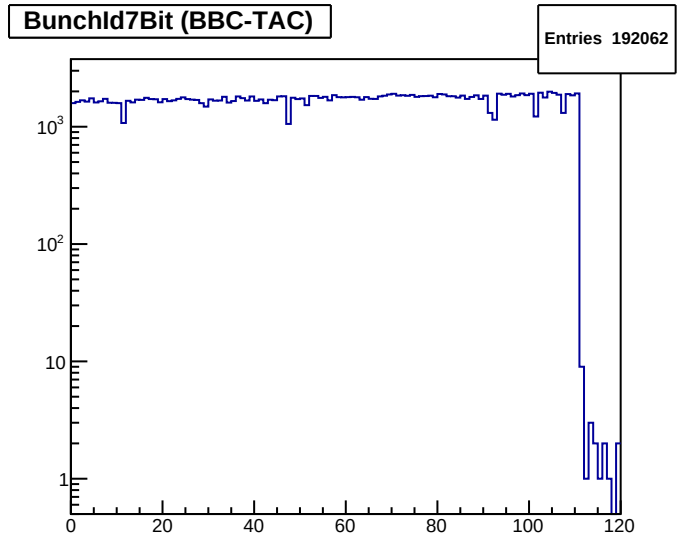
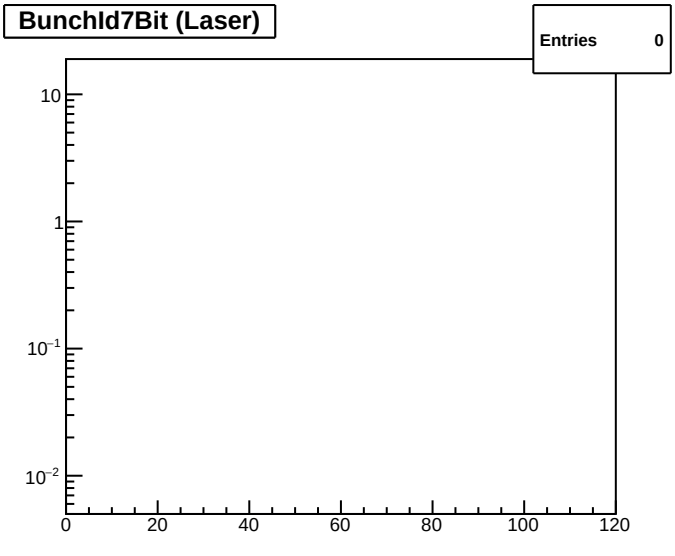
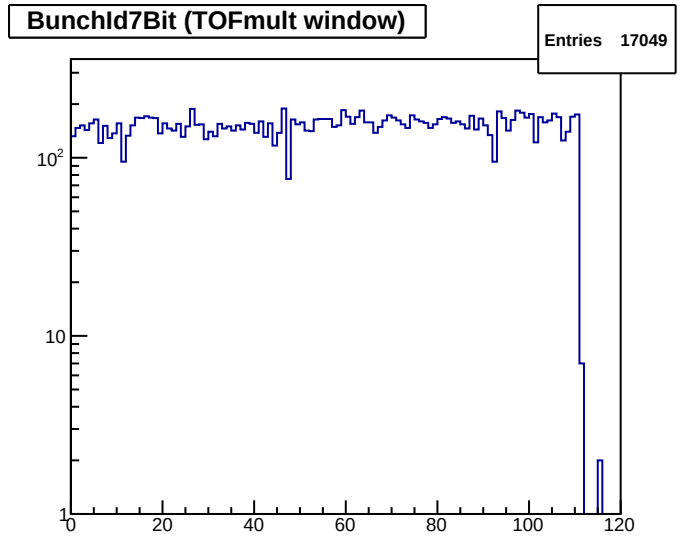

BunchId7Bit (VPD-TAC)
Entries 252252

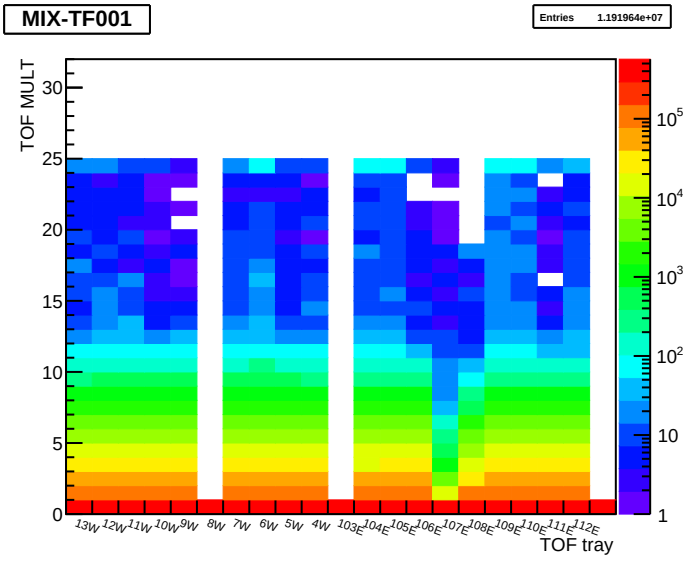

BunchId7Bit (ZDC-TAC)
Entries 839

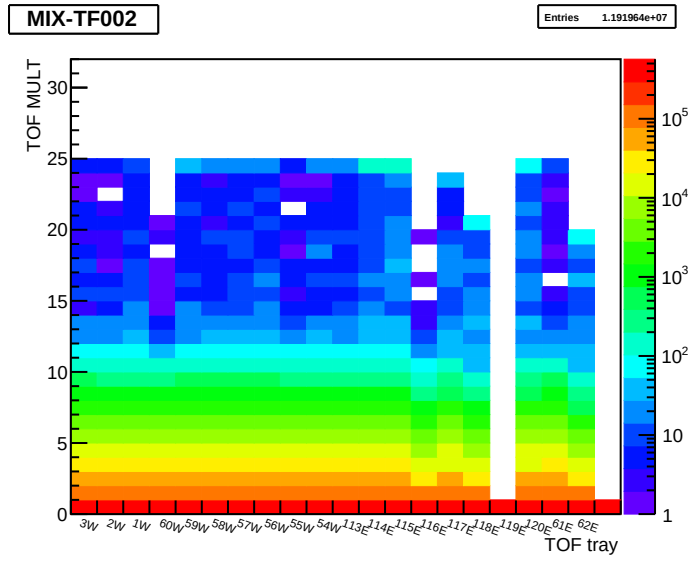

BunchId7Bit (EPD-TAC)
Entries 460414

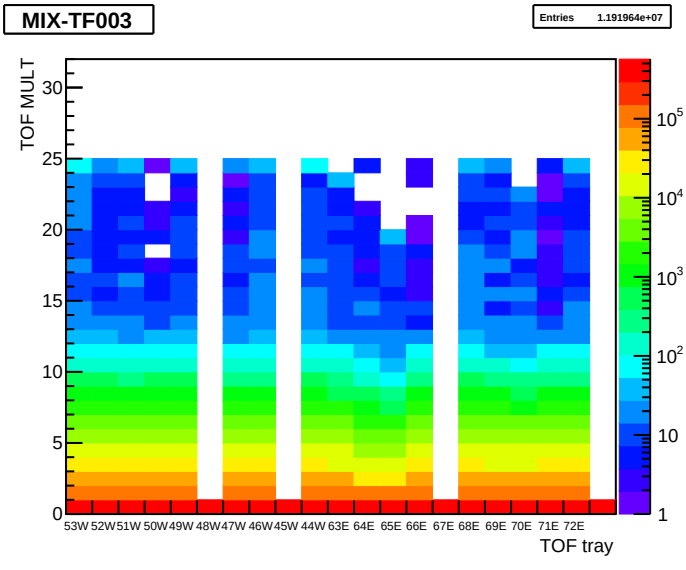

BunchId7Bit (BBC-TAC)
Entries 192062

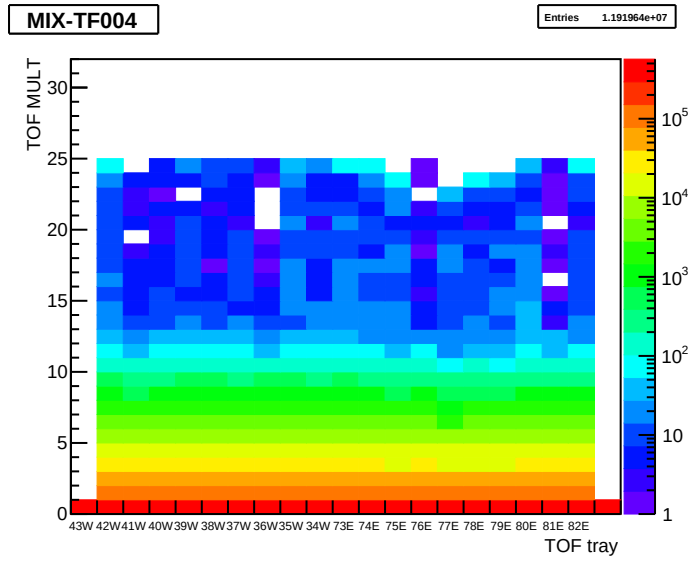

BunchId7Bit (Laser)
Entries 0

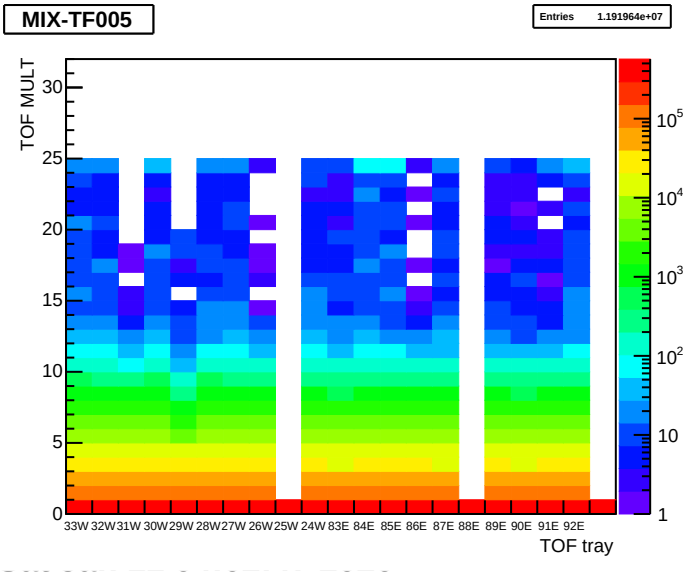

BunchId7Bit (TOFmult window)
Entries 17049

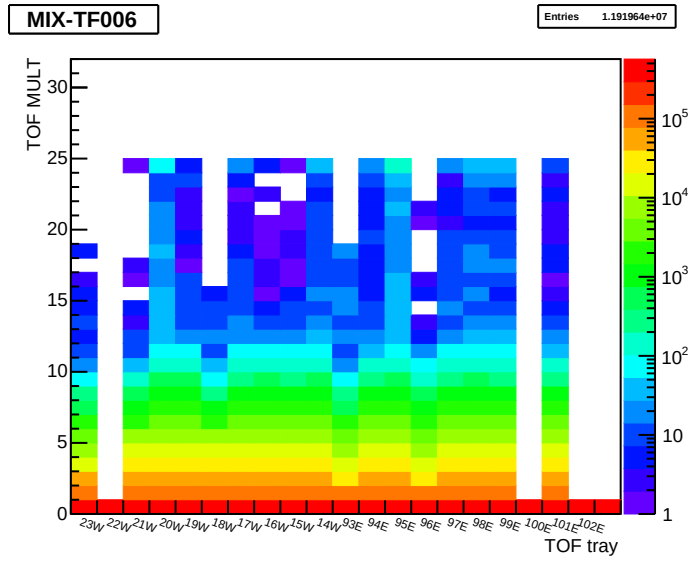

MIX-TF001
Entries 1.191964e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

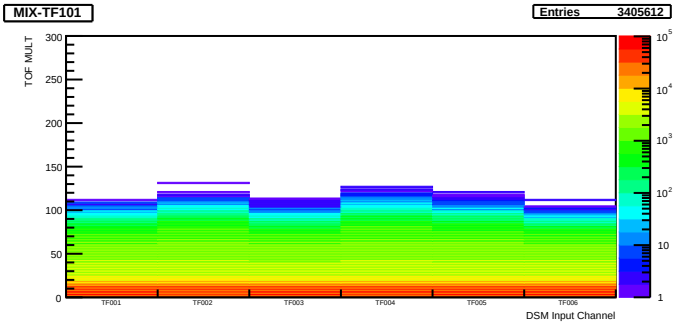

MIX-TF002
Entries 1.191964e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

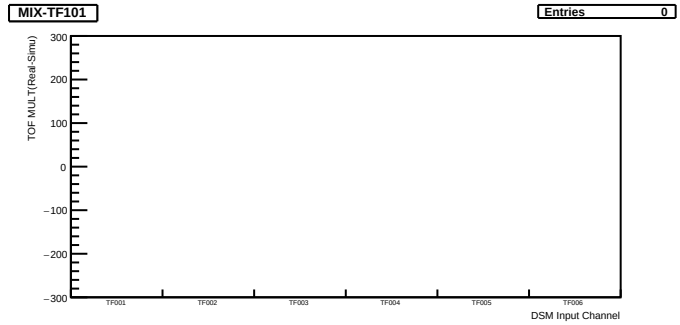

MIX-TF003
Entries 1.191964e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

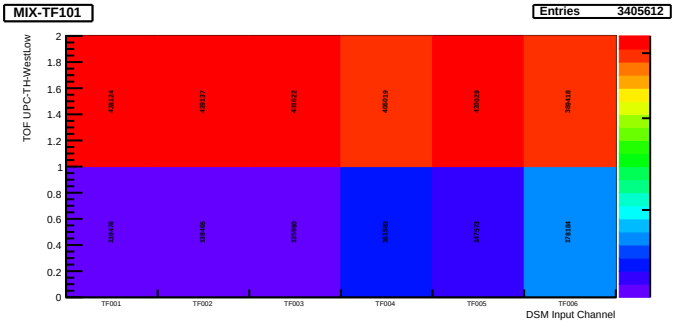

MIX-TF004
Entries 1.191964e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

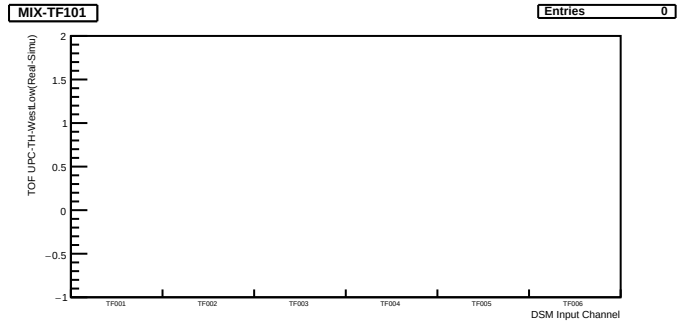

MIX-TF005
Entries 1.191964e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

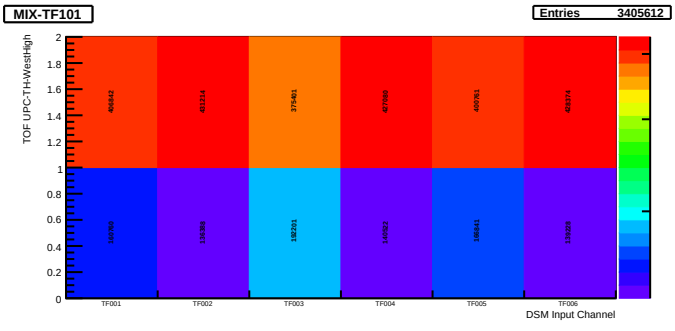

MIX-TF006
Entries 1.191964e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

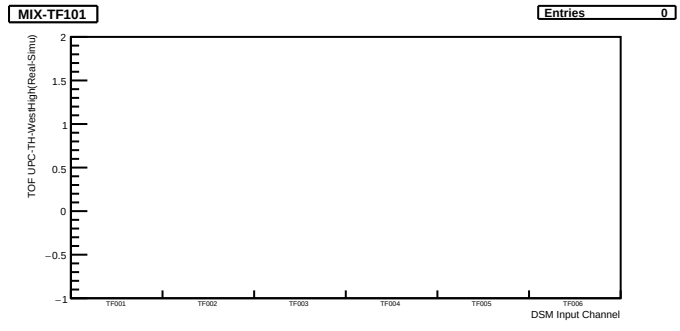

MIX-TF101
Entries 3405612
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

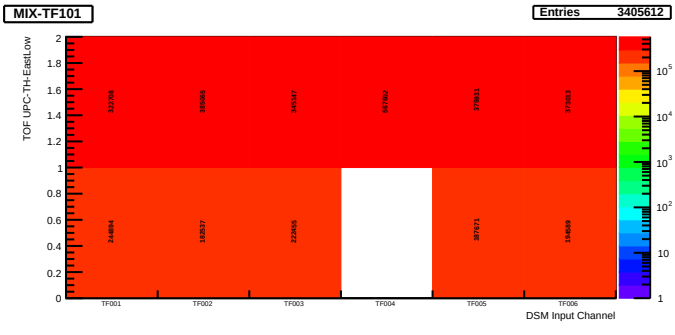

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

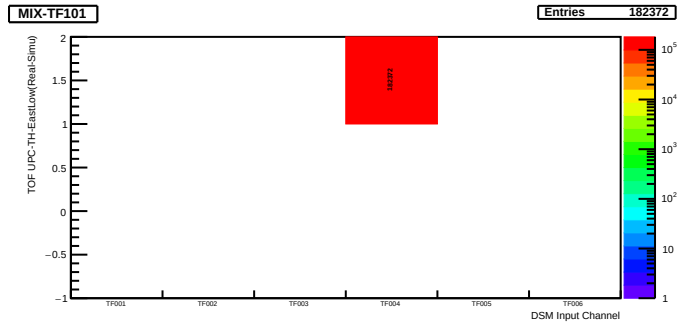

MIX-TF101
Entries 3405612
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

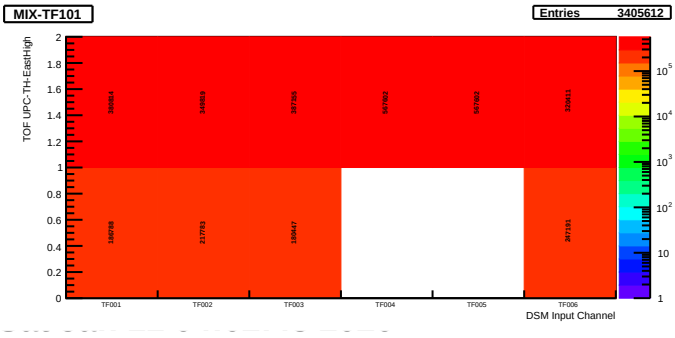

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

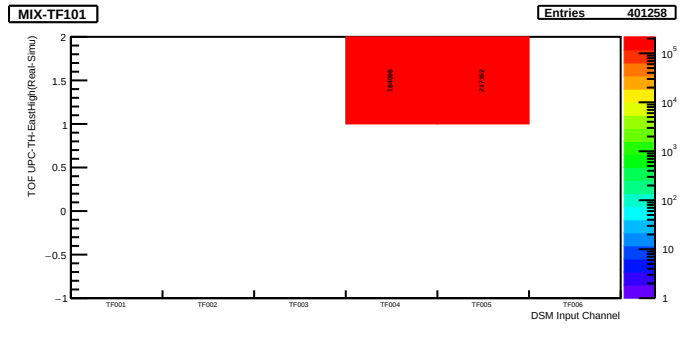

MIX-TF101
Entries 3405612
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

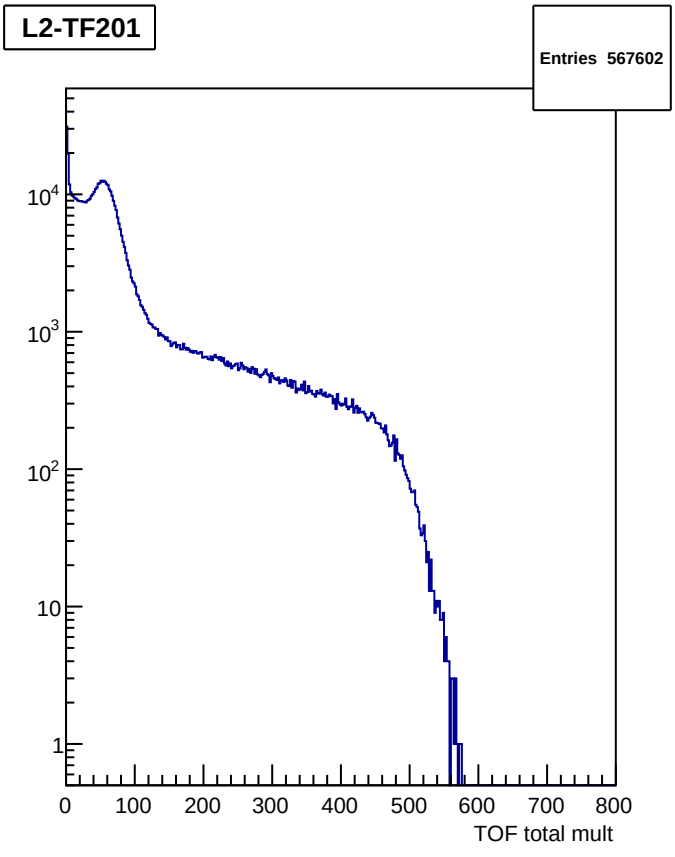

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

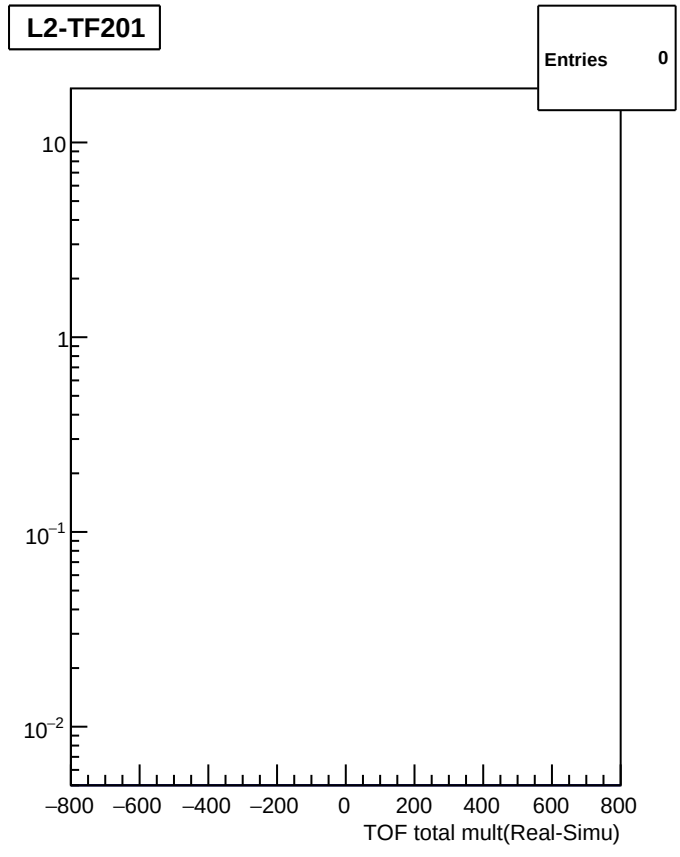

MIX-TF101
Entries 3405612
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

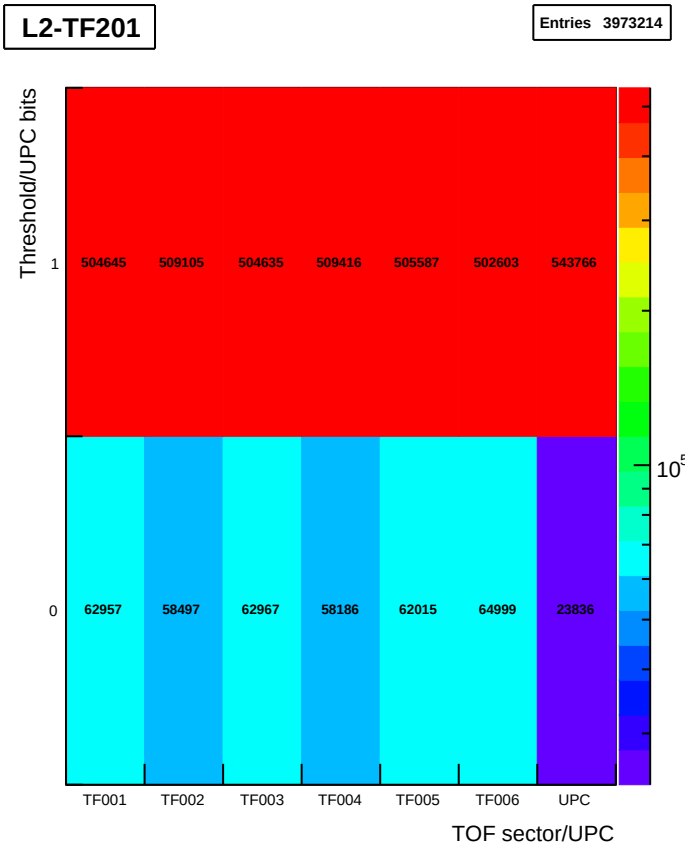

MIX-TF101
Entries 182372
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

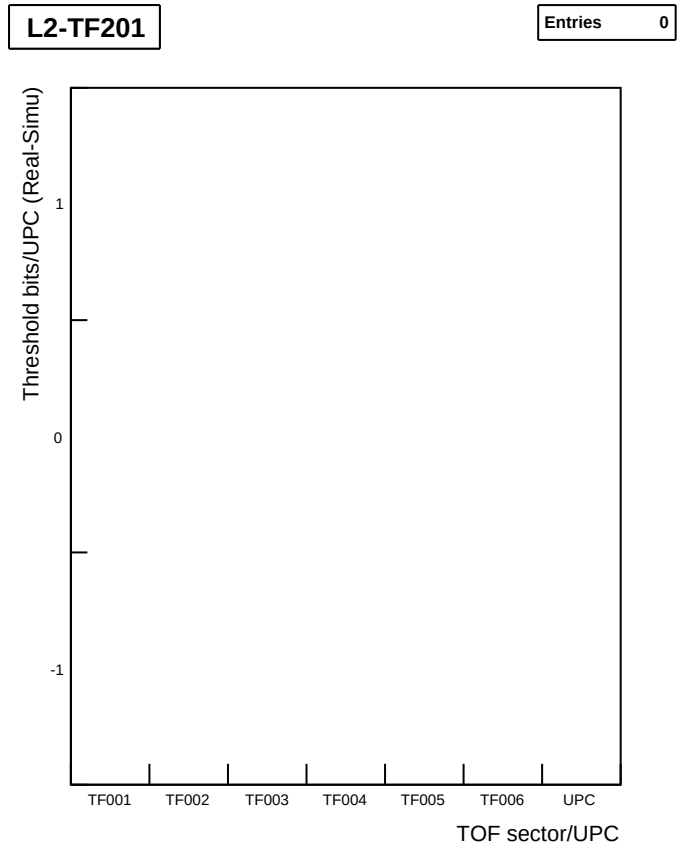

MIX-TF101
Entries 3405612
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

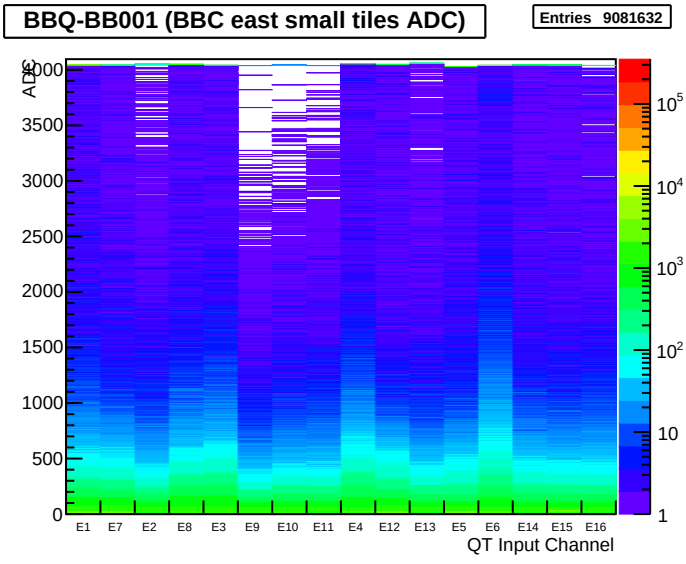

MIX-TF101
Entries 401258
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

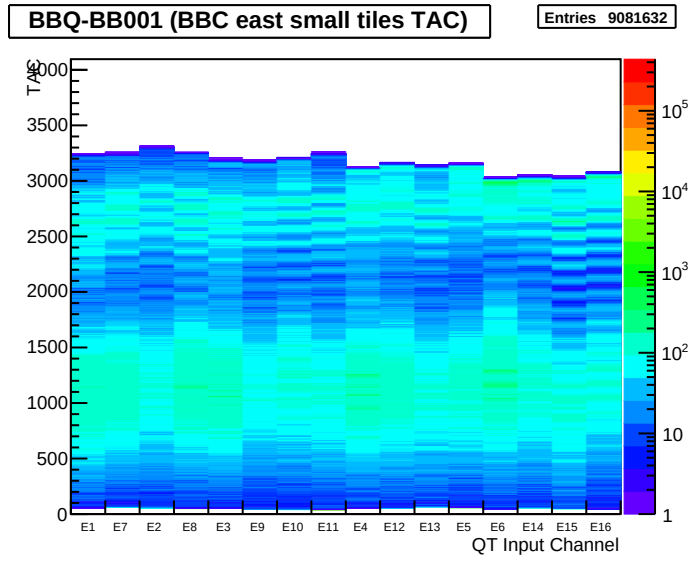

L2-TF201
Entries 567602
TOF total mult

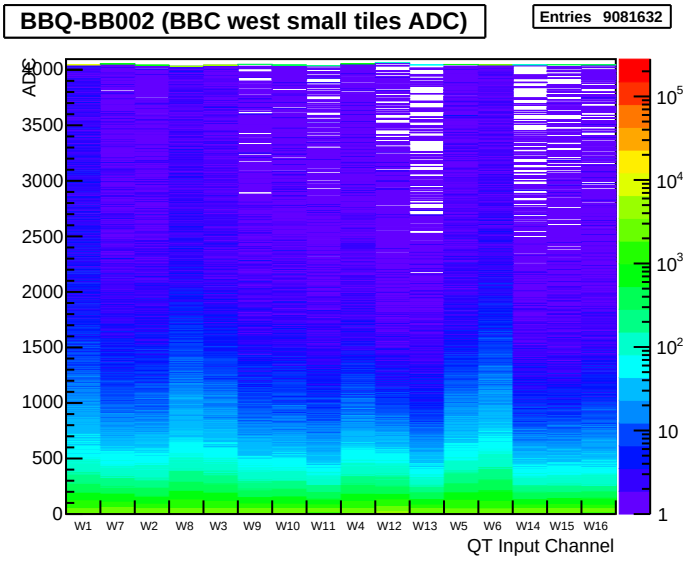

L2-TF201
Entries 0
TOF total mult(Real-Simu)

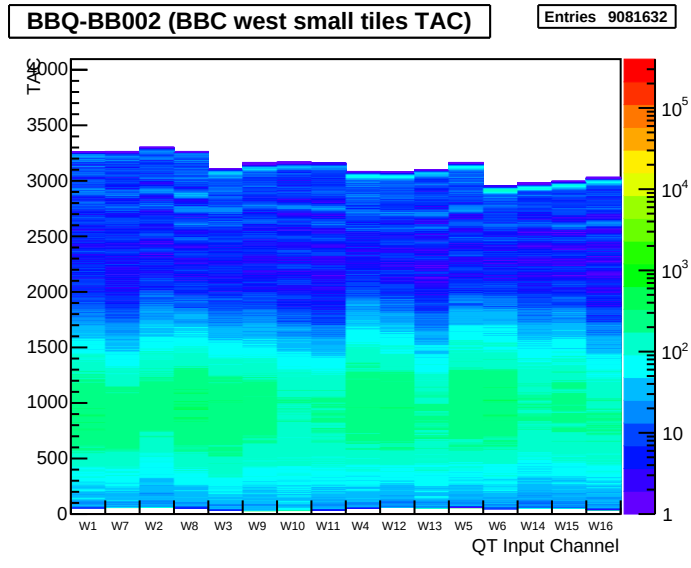

L2-TF201
Entries 3973214
Threshold/UPC bits
504645
509105
504635
509416
505587
502603
543766
62957
58497
62967
58186
62015
64999
23836
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

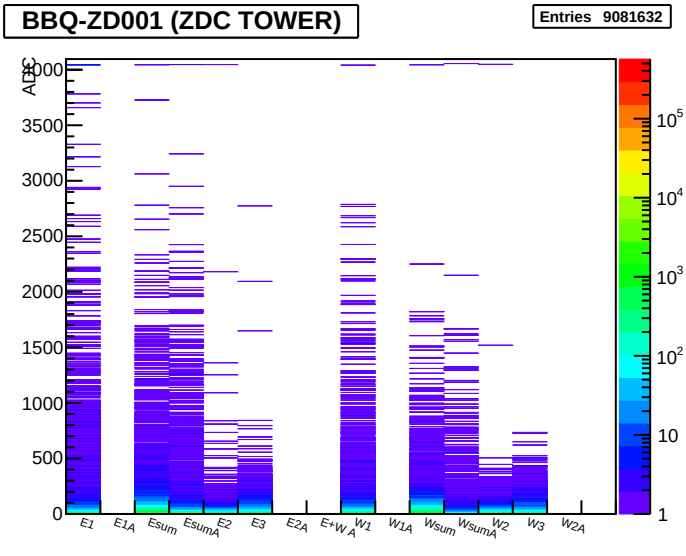

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

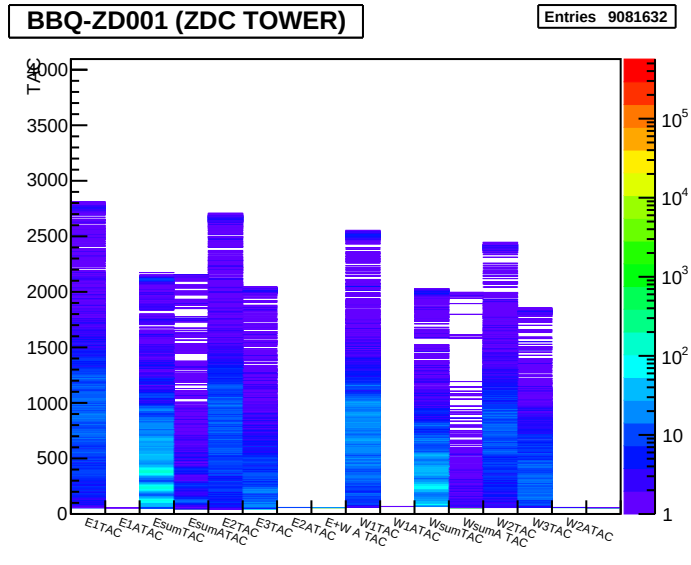

BBQ-BB001 (BBC east small tiles ADC)
Entries 9081632
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

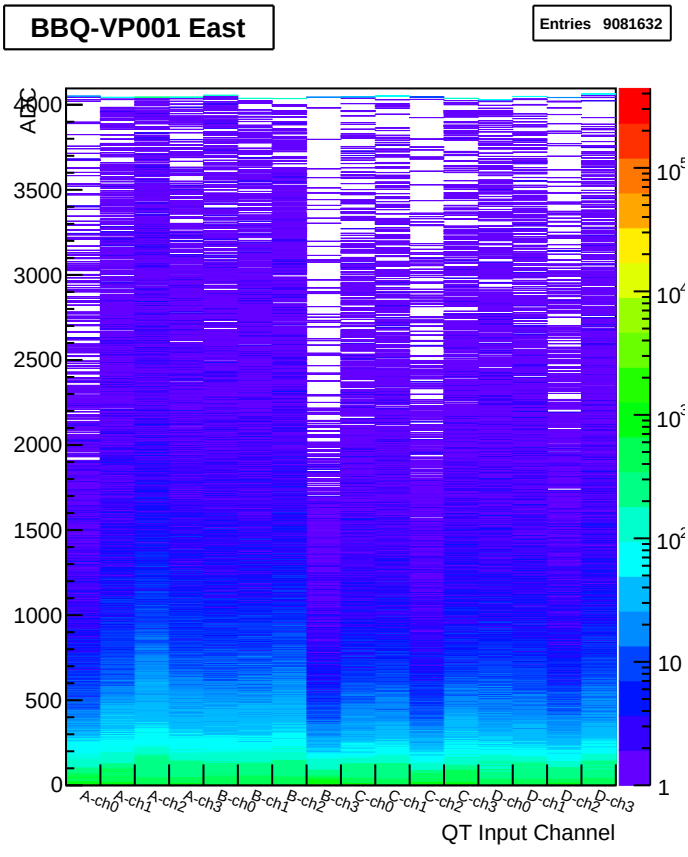

BBQ-BB001 (BBC east small tiles TAC)
Entries 9081632
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

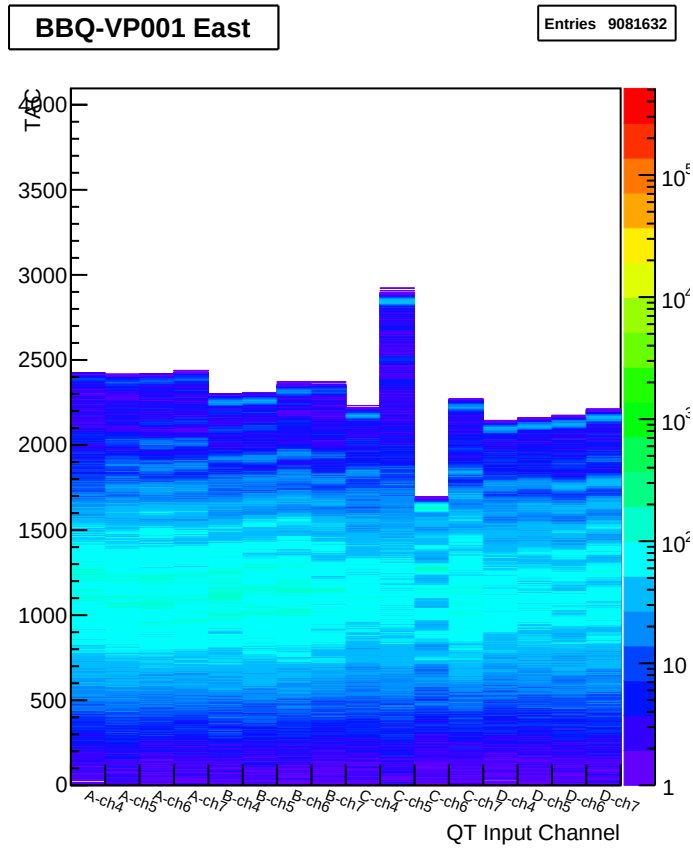

BBQ-BB002 (BBC west small tiles ADC)
Entries 9081632
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

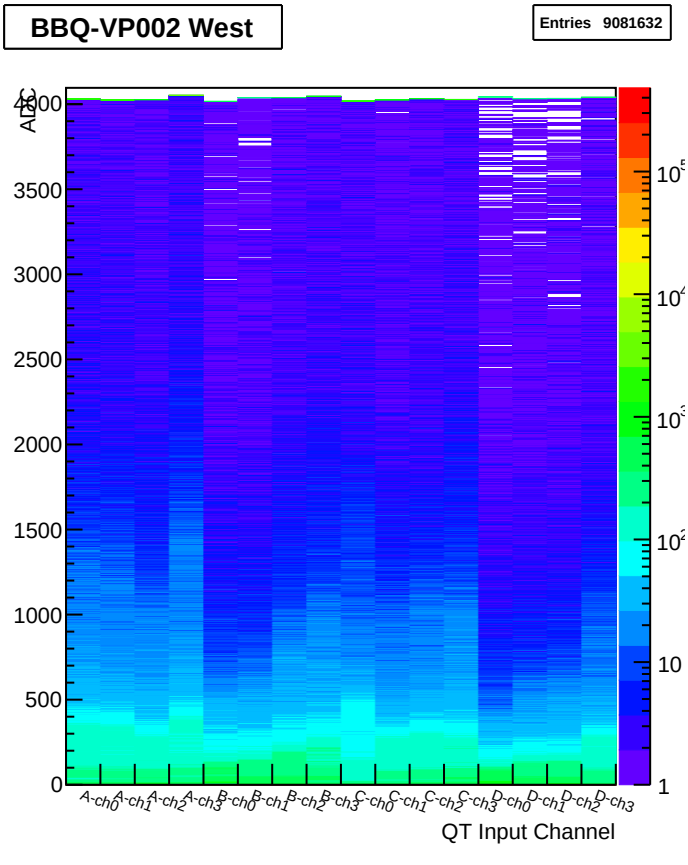

BBQ-BB002 (BBC west small tiles TAC)
Entries 9081632
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

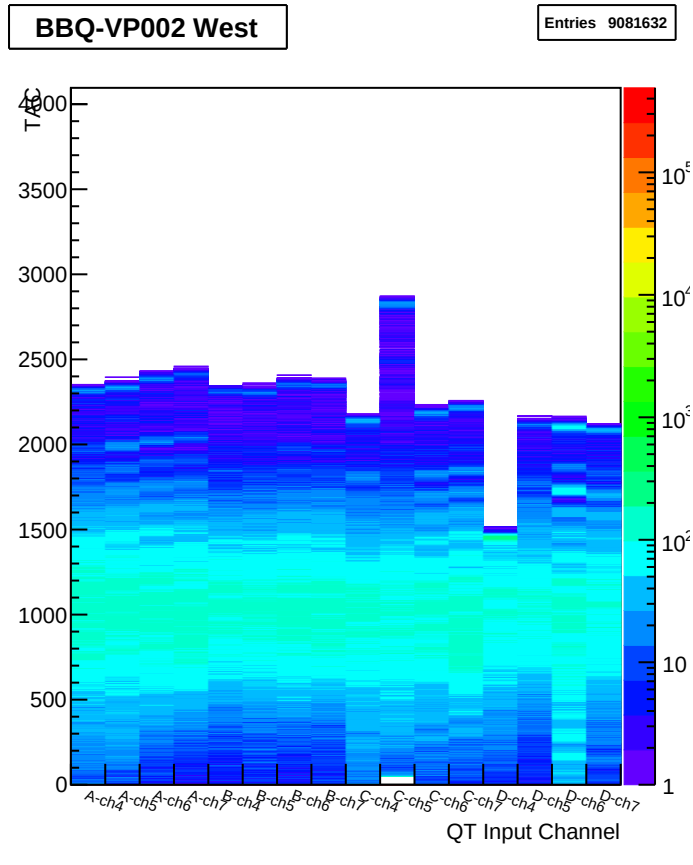

BBQ-ZD001 (ZDC TOWER)
Entries 9081632
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

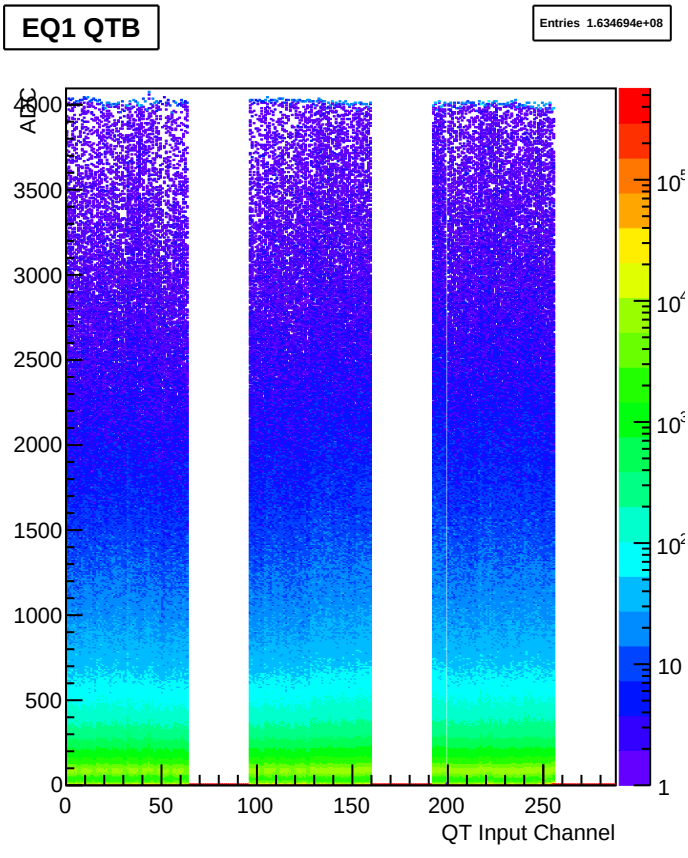

BBQ-ZD001 (ZDC TOWER)
Entries 9081632
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

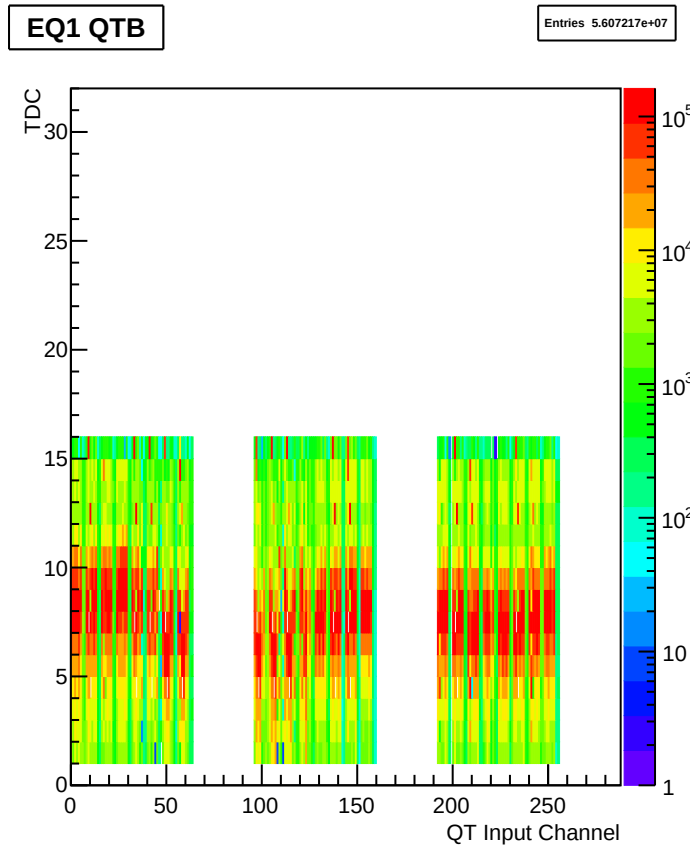

BBQ-VP001 East
Entries 9081632
ADC
QT Input Channel

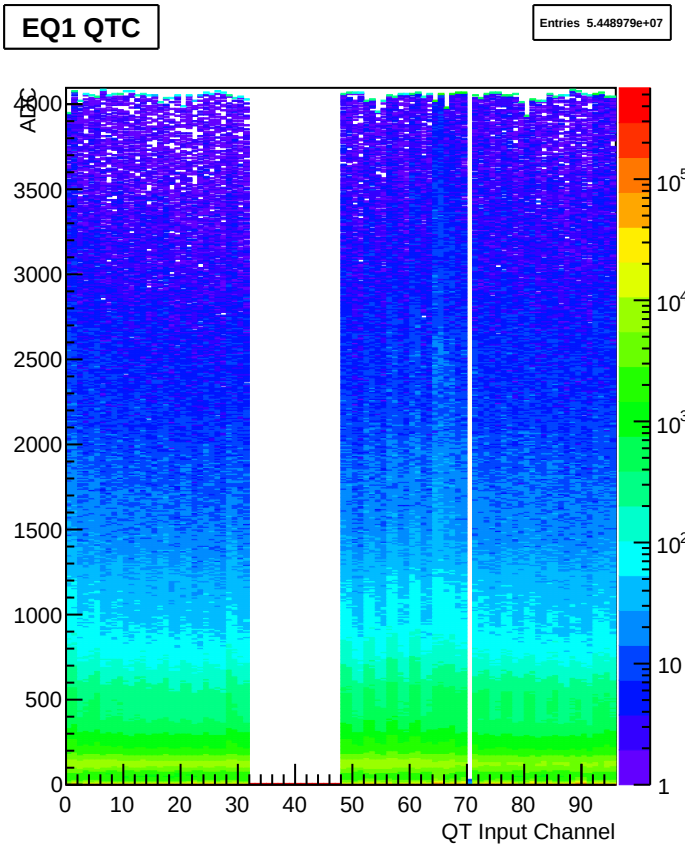

BBQ-VP001 East
Entries 9081632
TADC
QT Input Channel

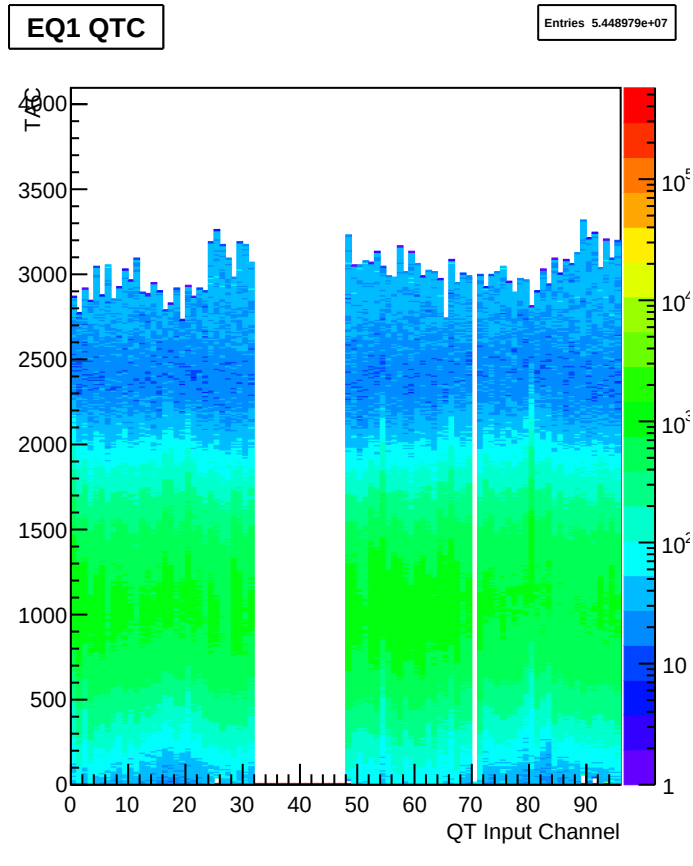

BBQ-VP002 West
Entries 9081632
ADC
QT Input Channel

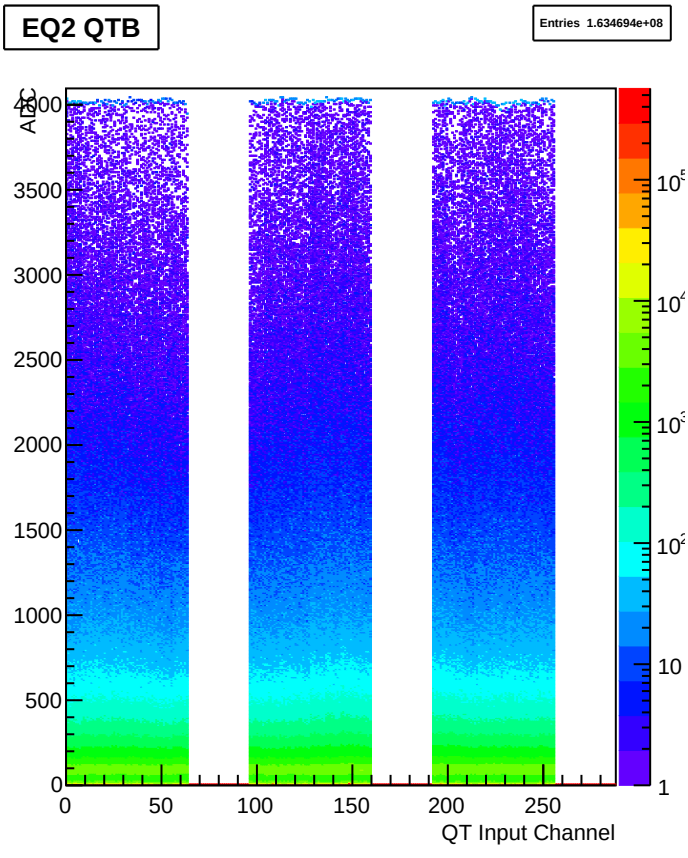

BBQ-VP002 West
Entries 9081632
TADC
QT Input Channel

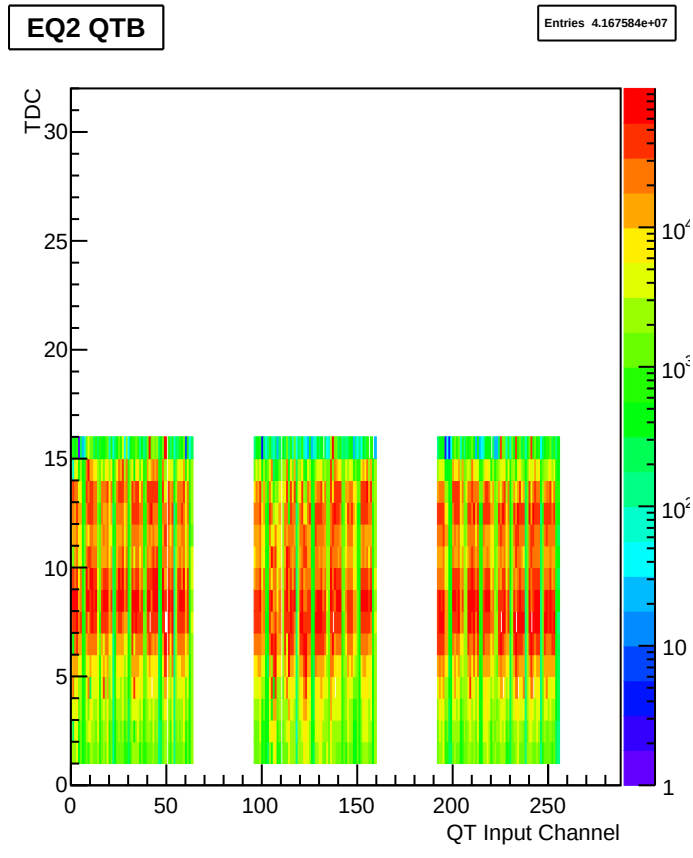

EQ1 QTB
Entries 1.634694e+08
ADC
QT Input Channel

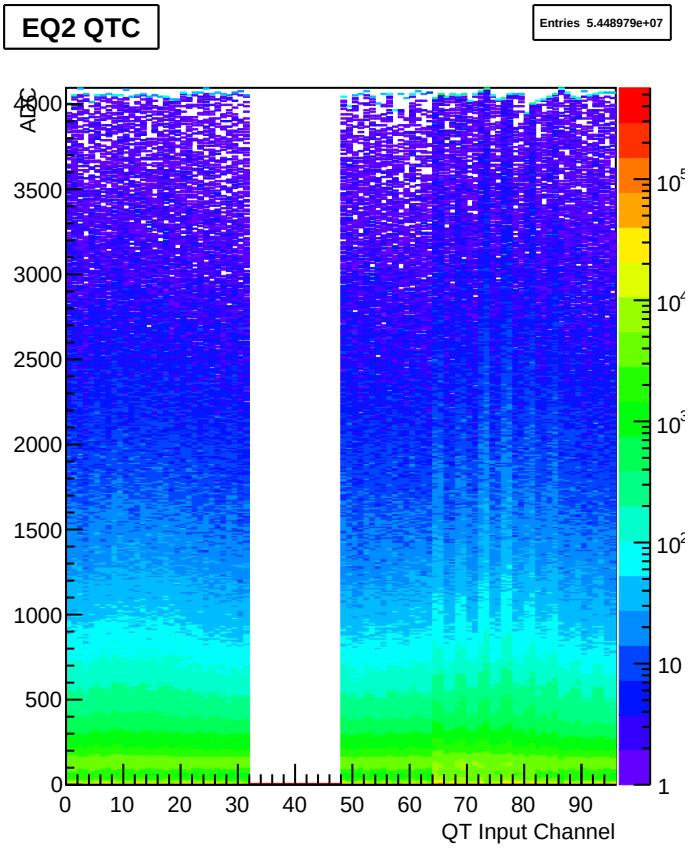

EQ1 QTB
Entries 5.607217e+07
TDC
QT Input Channel

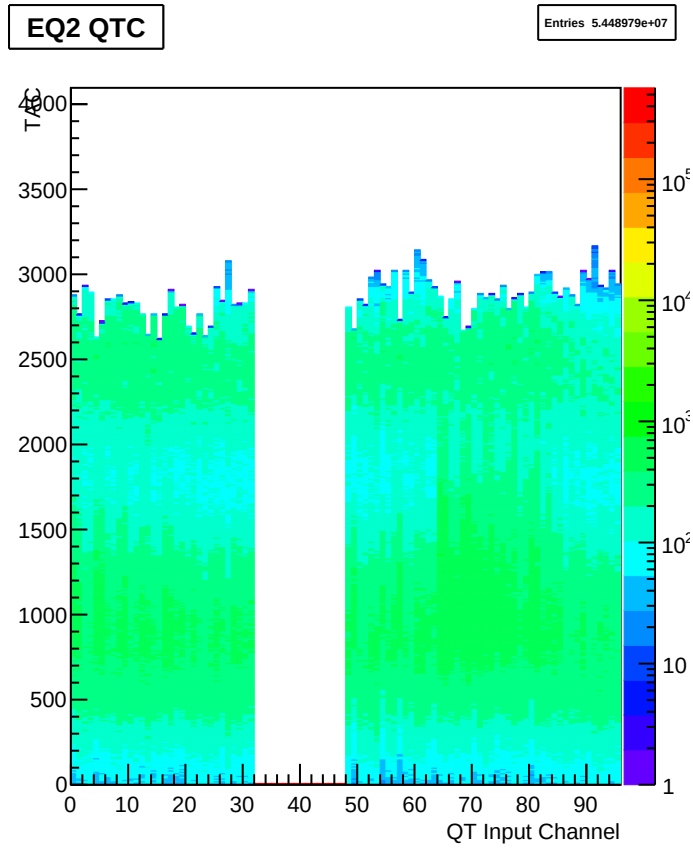

EQ1 QTC
Entries 5.448979e+07
ADC
QT Input Channel

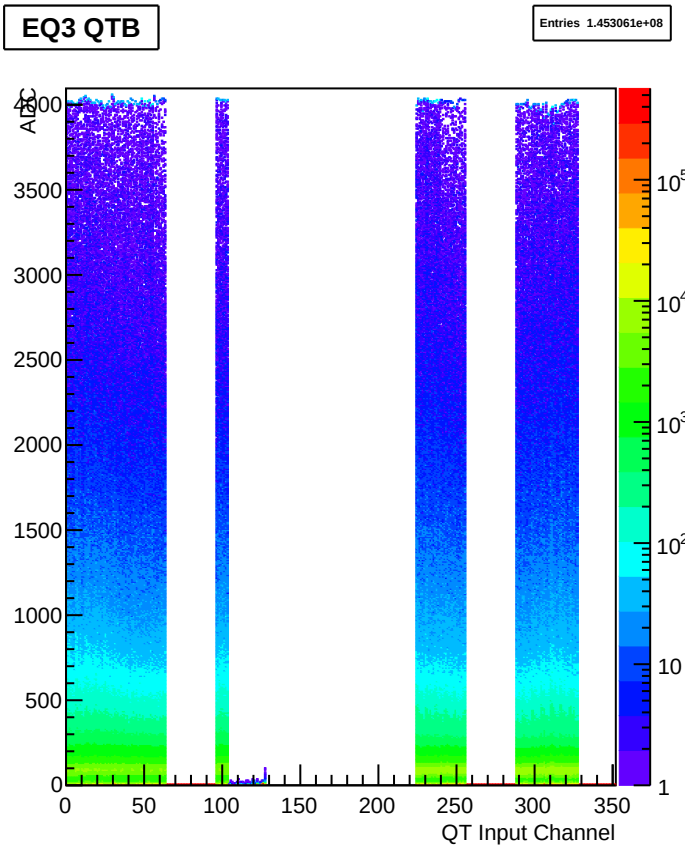

EQ1 QTC
Entries 5.448979e+07
TADC
QT Input Channel

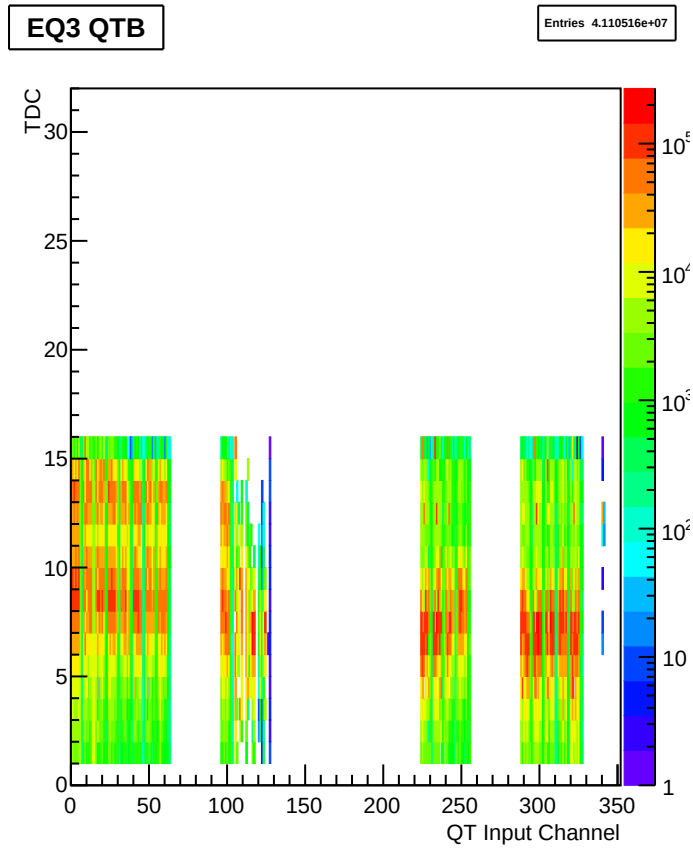

EQ2 QTB
Entries 1.634694e+08
ADC
QT Input Channel

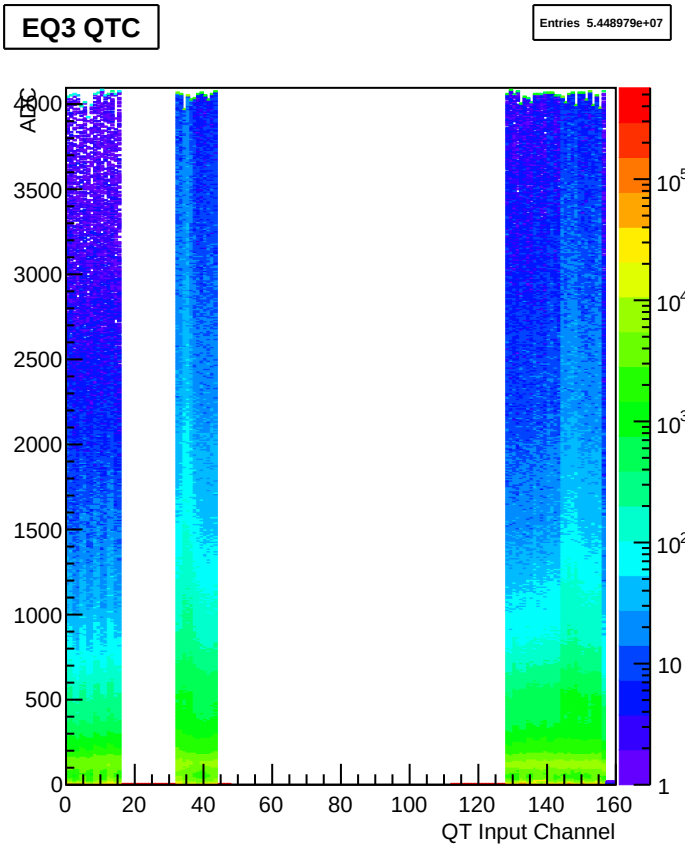

EQ2 QTB
Entries 4.167584e+07
TDC
QT Input Channel

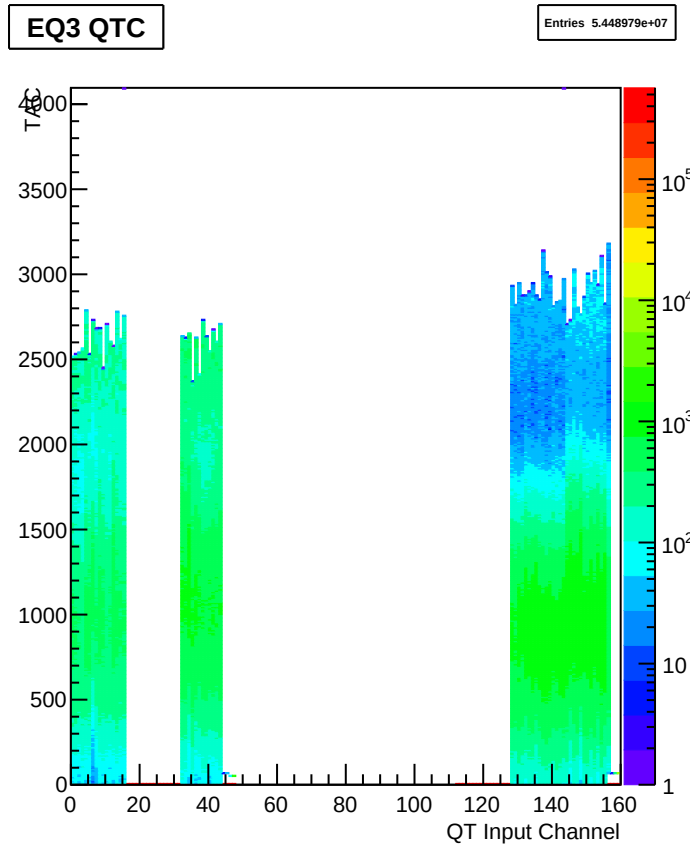

EQ2 QTC
Entries 5.448979e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.448979e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.453061e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.110516e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.448979e+07
ADC
QT Input Channel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Entries 5.448979e+07
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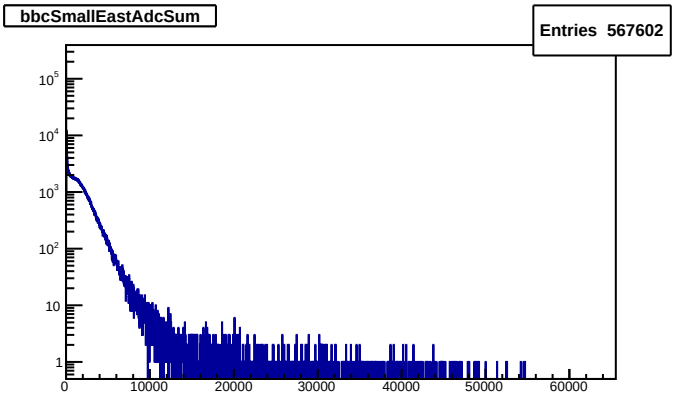
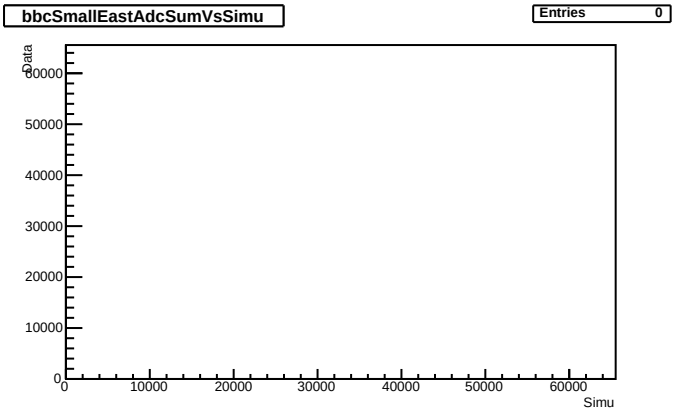

bbcSmallEastAdcSum
Entries 567602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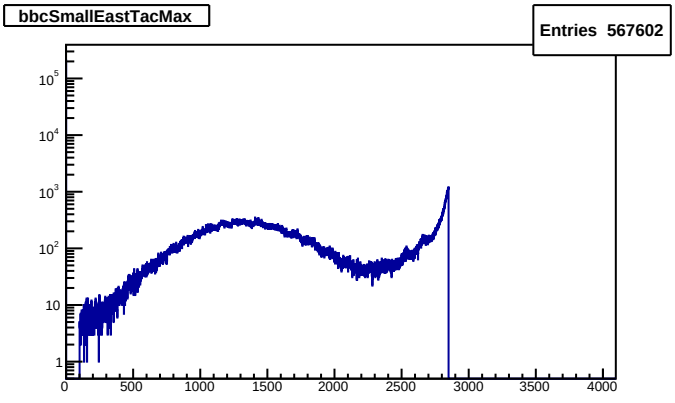
Data
Simu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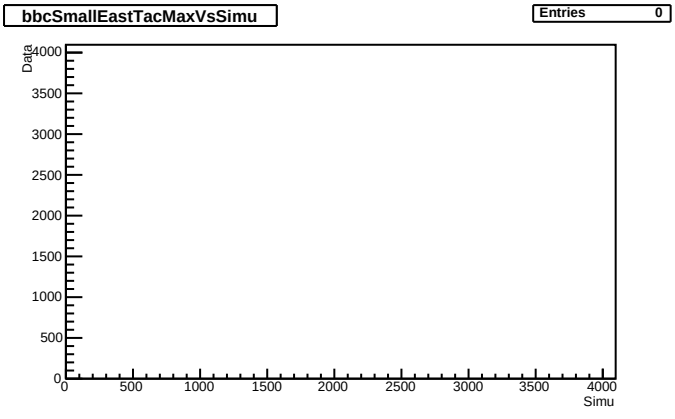
Entries 567602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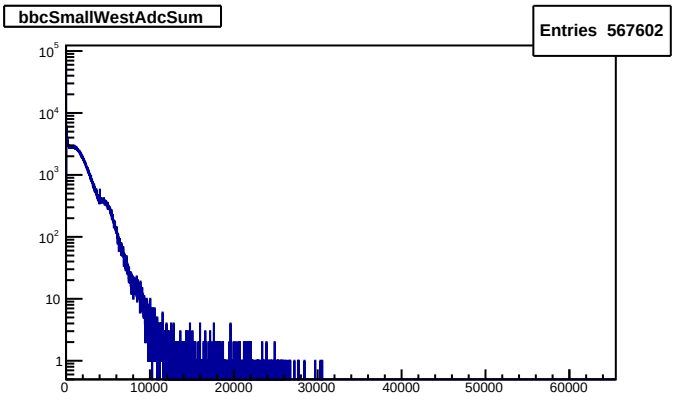
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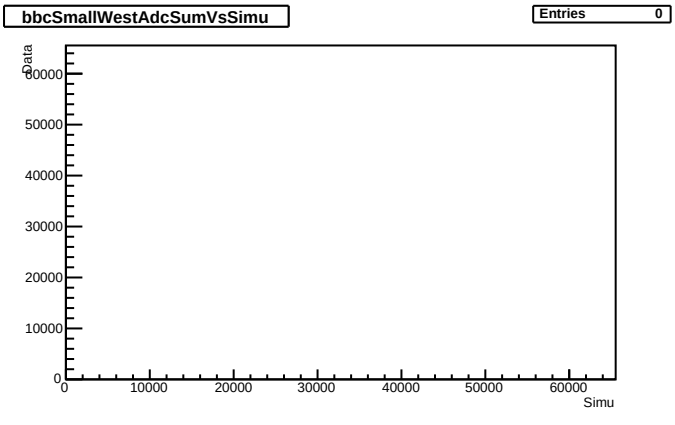
Entries 567602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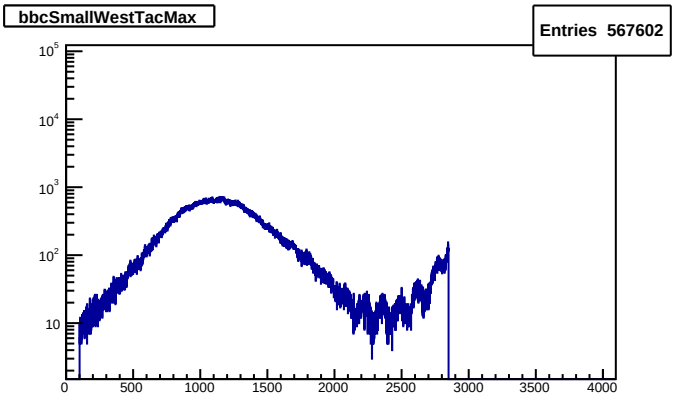
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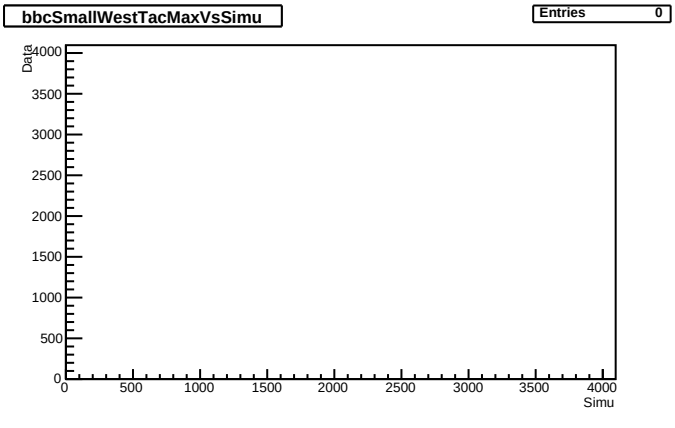
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Entries 0
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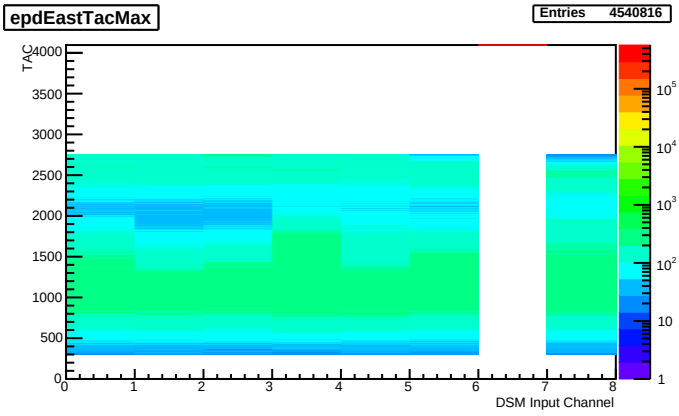
Simu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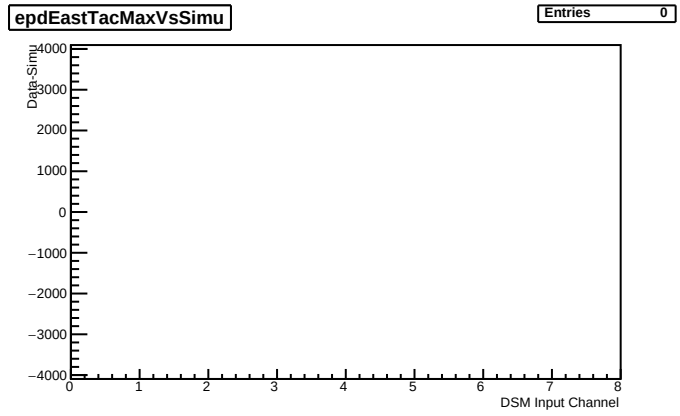
Entries 4540816
TAC
DSM Input Channel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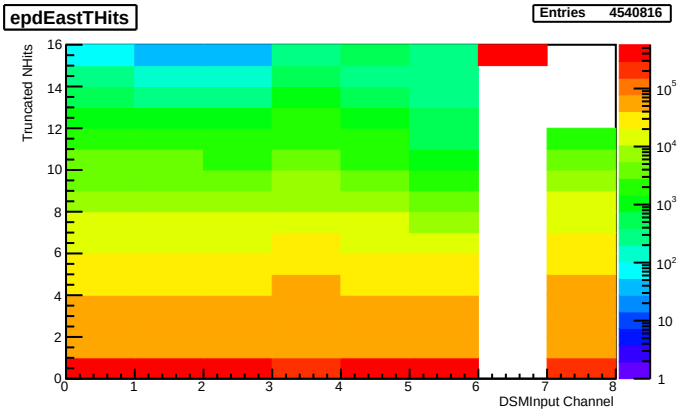
Entries 0
Data-Simu
DSM Input Channel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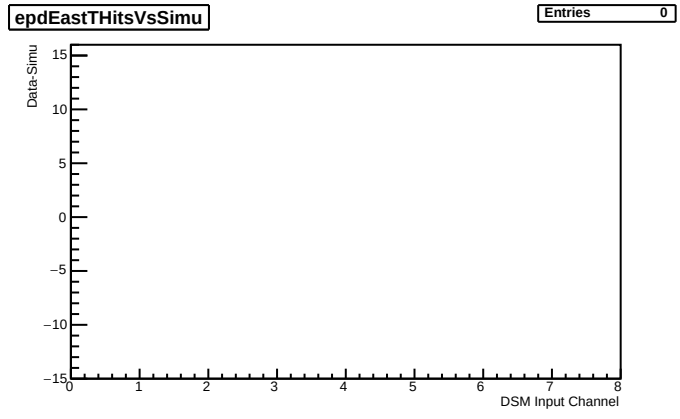
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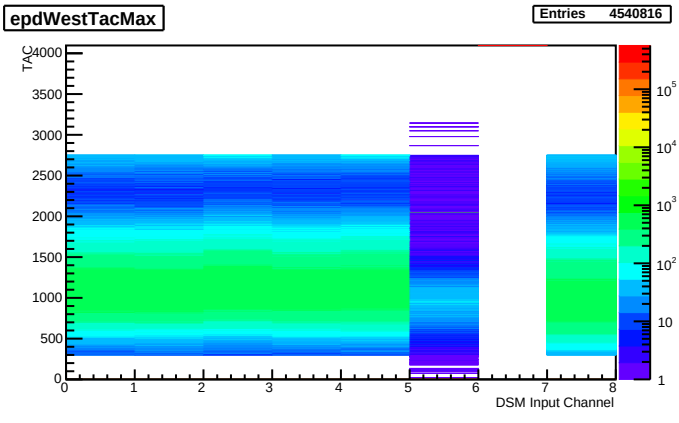
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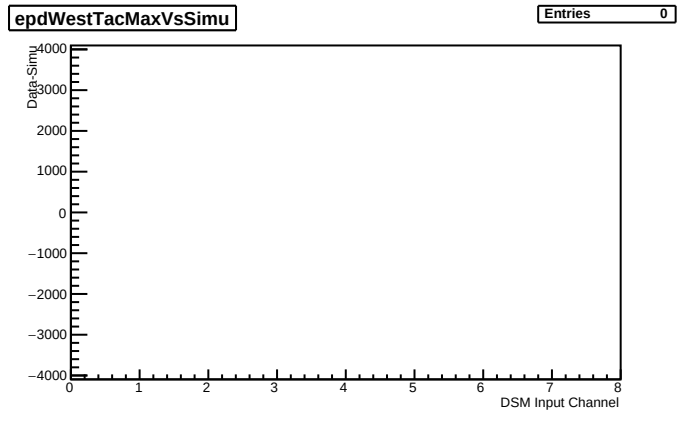
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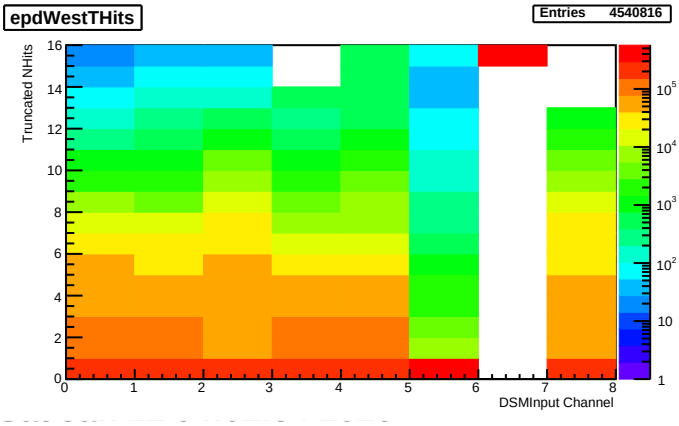
DSM Input Channel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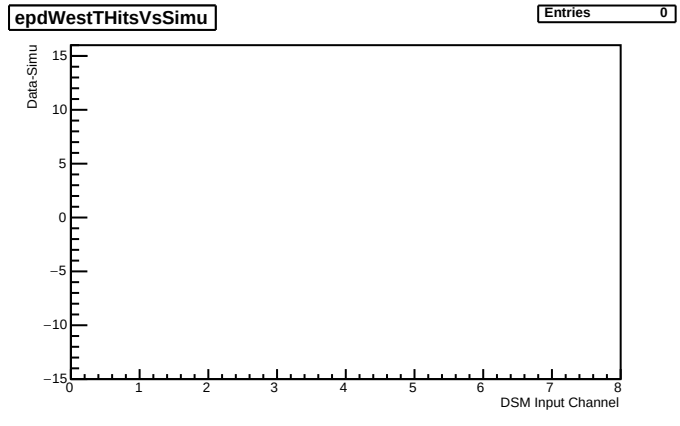
Entries 4540816
Truncated NHits
DSMInput Channel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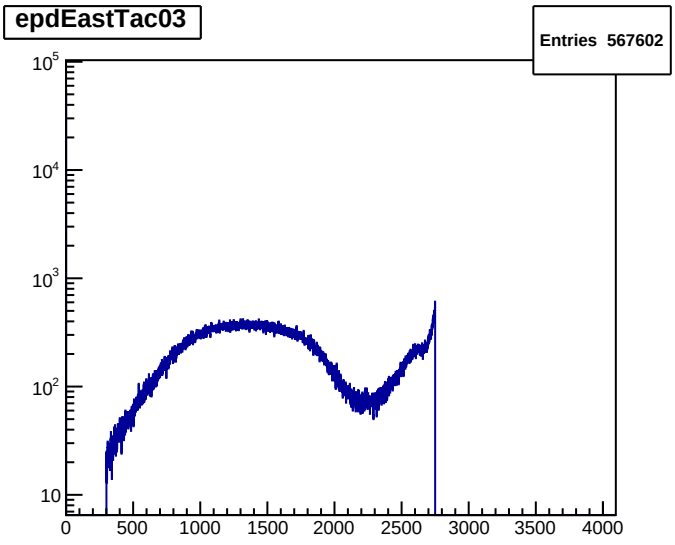
DSM Input Channel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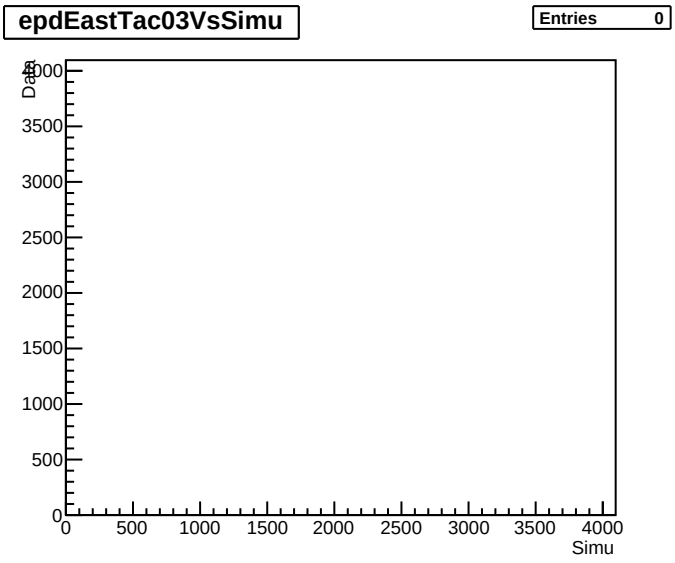
Entries 567602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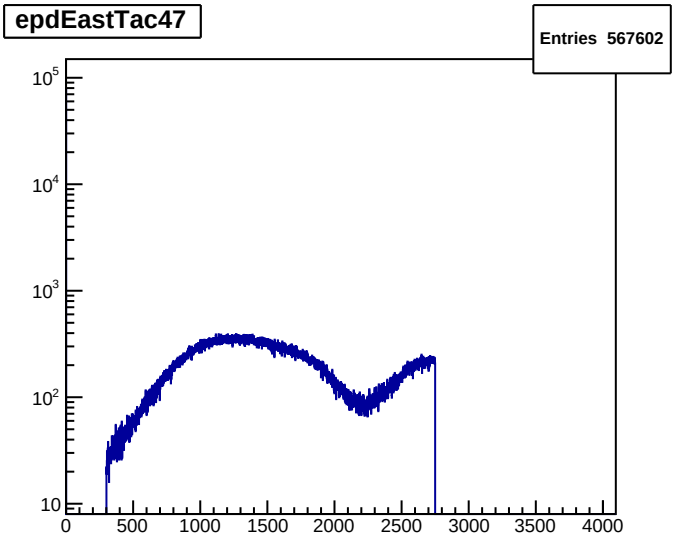
Data
Simu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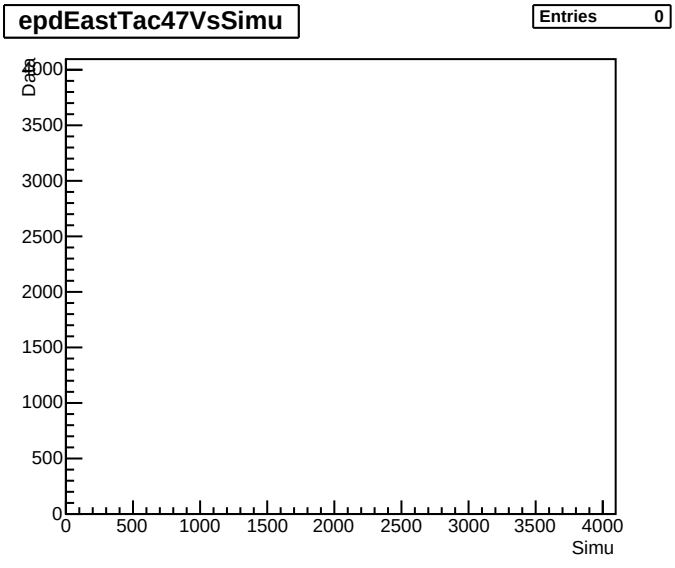
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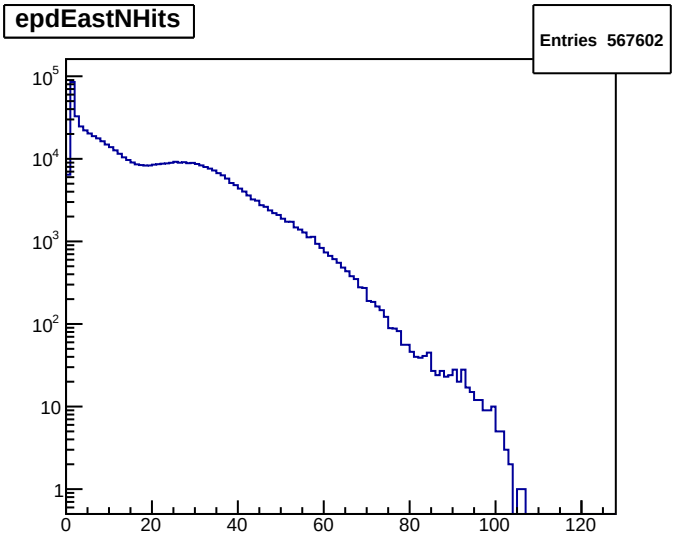
Entries 0
Data
Simu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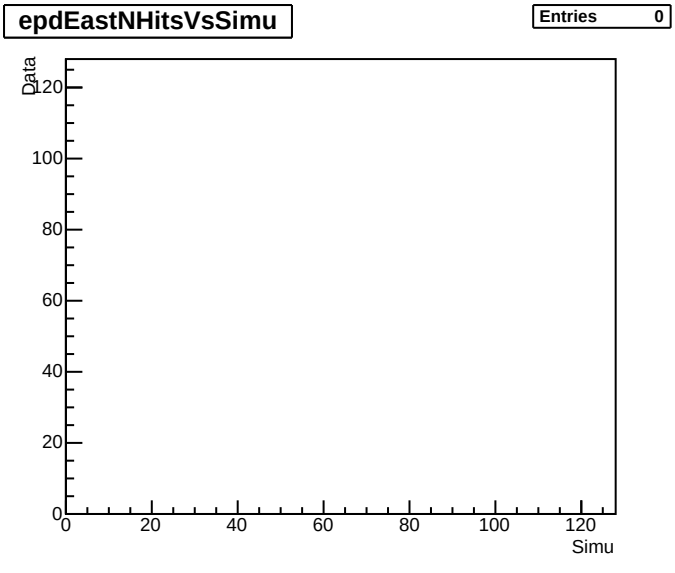
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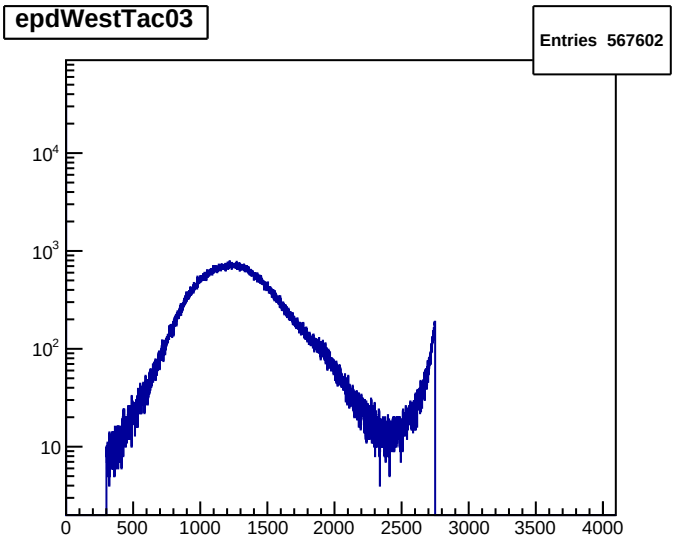
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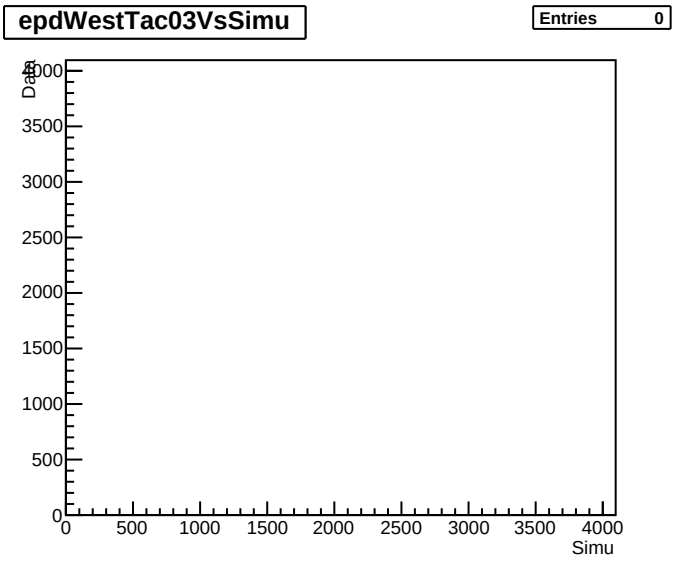
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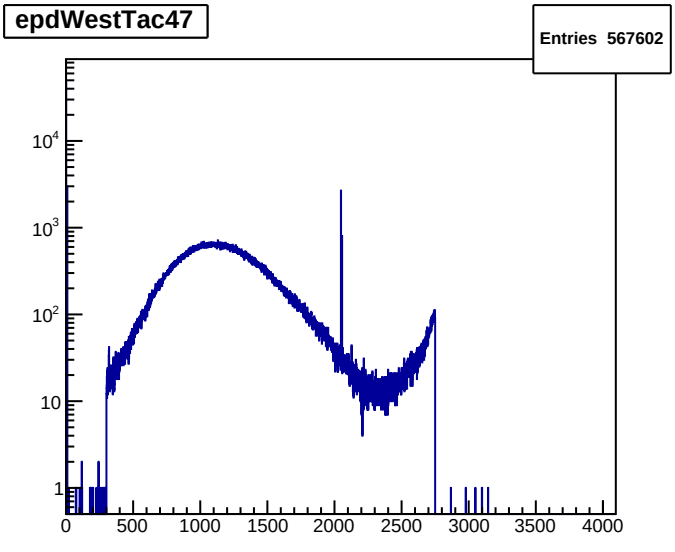
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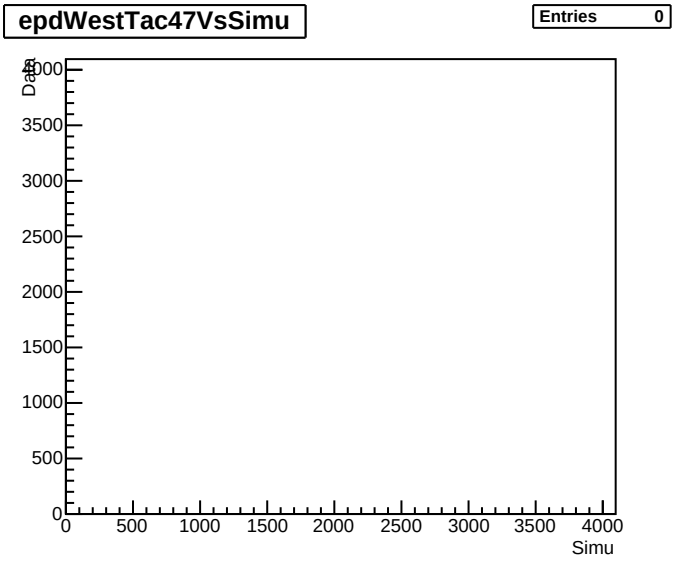
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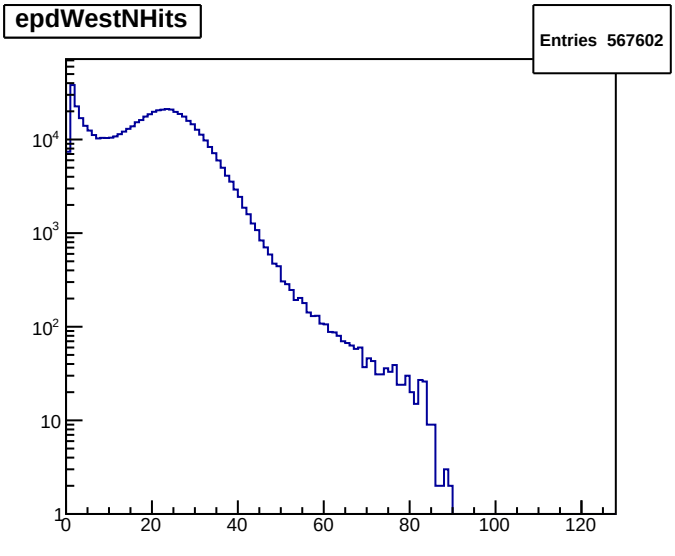
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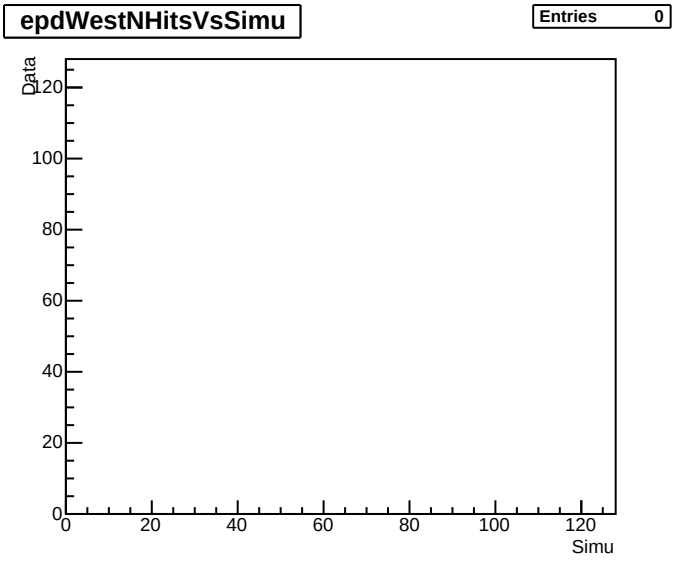
Entries 567602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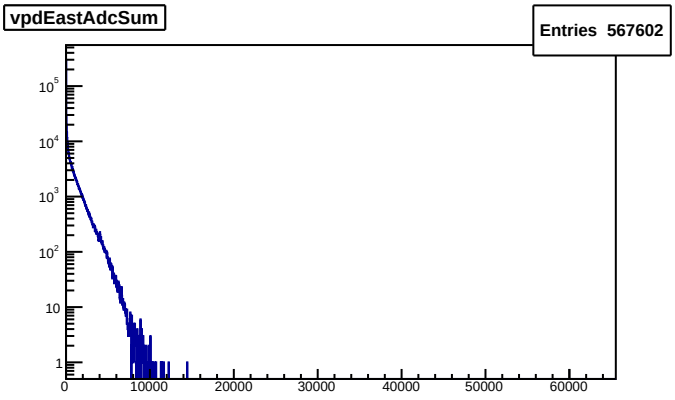
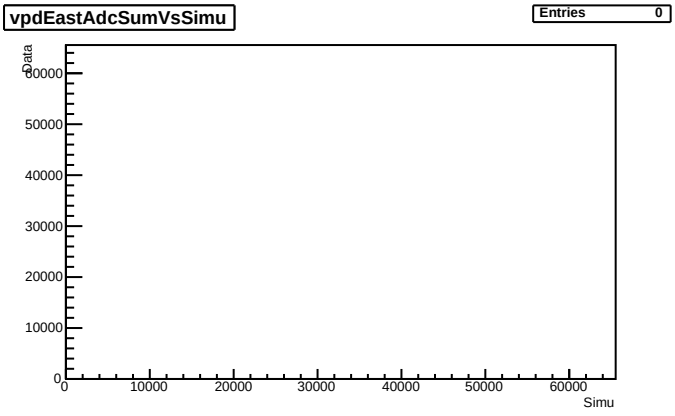
Entries 0
Data
Simu


vpdEastAdcSum
Entries 567602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Entries 0
Data
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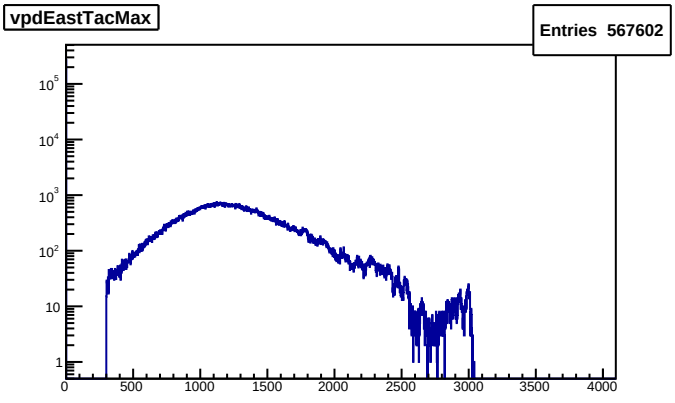
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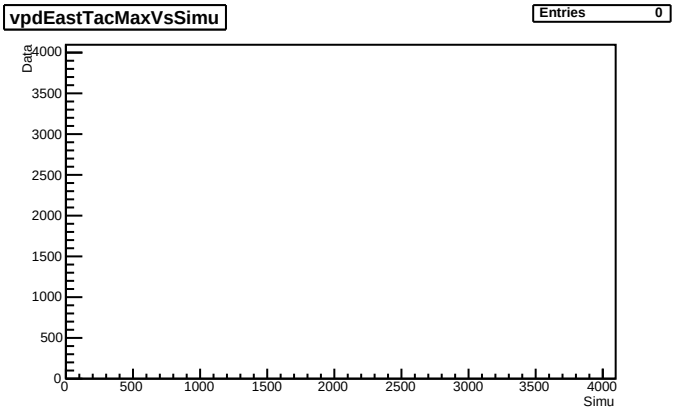
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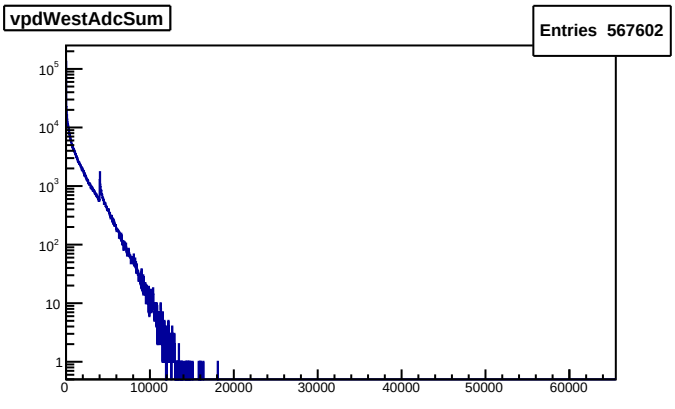
Data
Simu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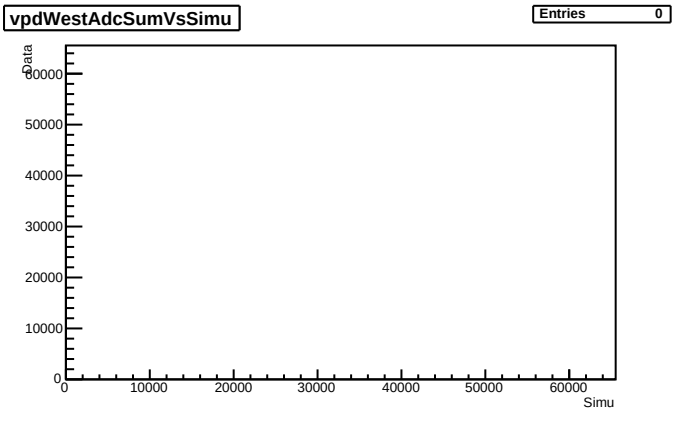
Entries 567602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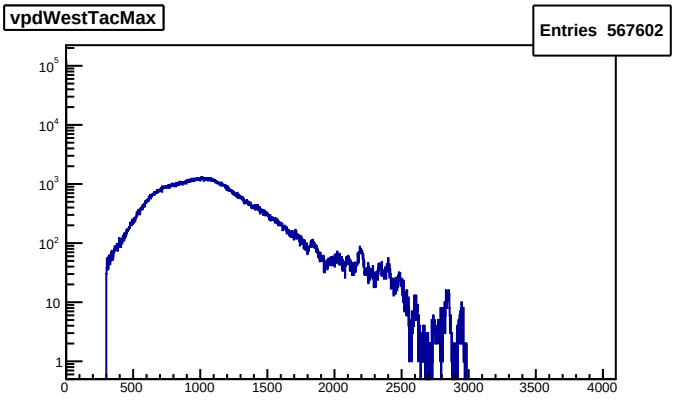
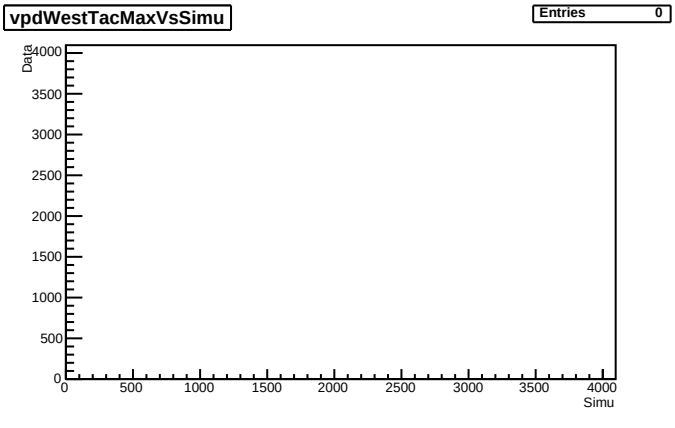
Entries 0
Data
Simu


vpdWestTacMax
Entries 567602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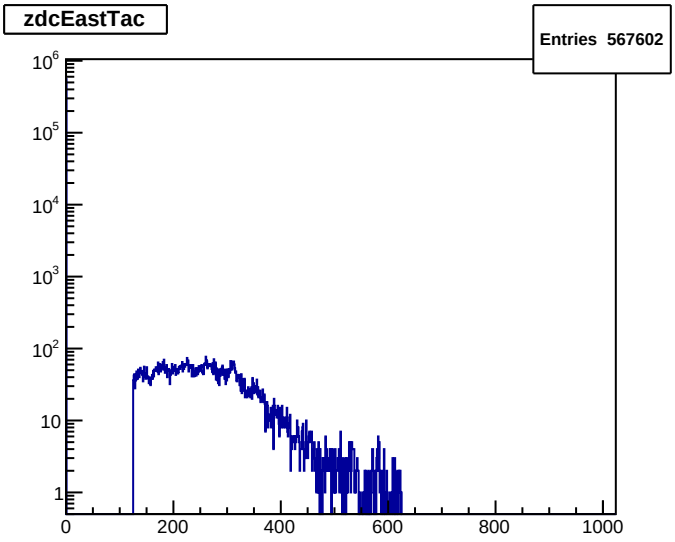
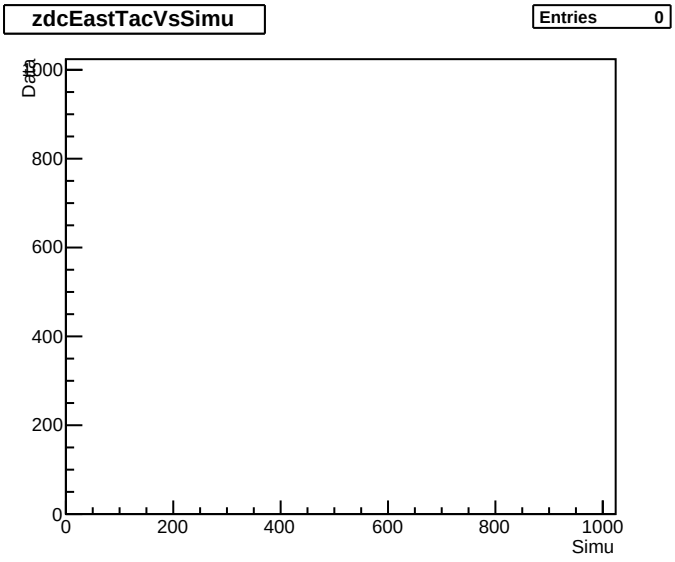
Entries 0
Data
Simu


zdcEastTac
Entries 567602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Entries 0
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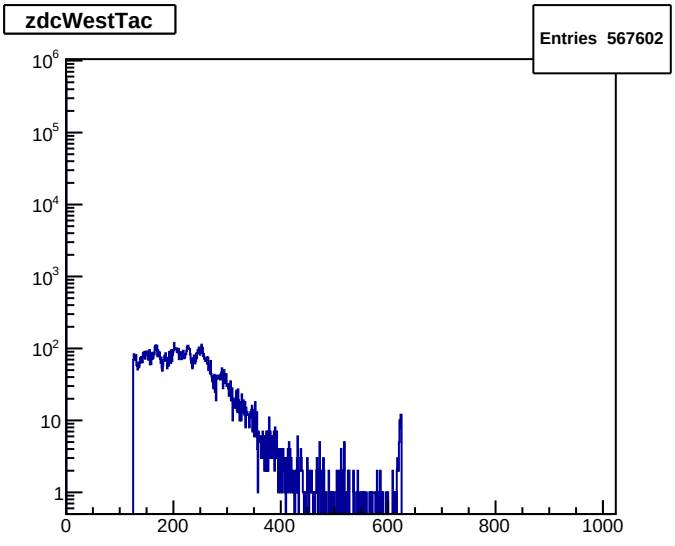
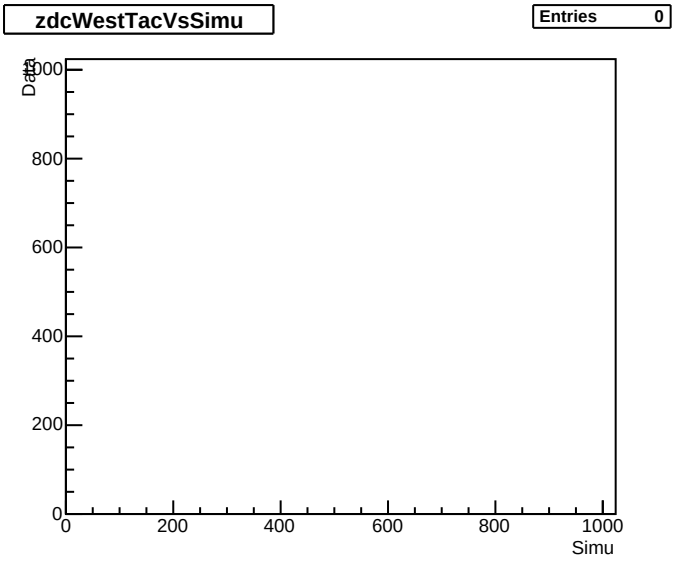

zdcWestTac
Entries 567602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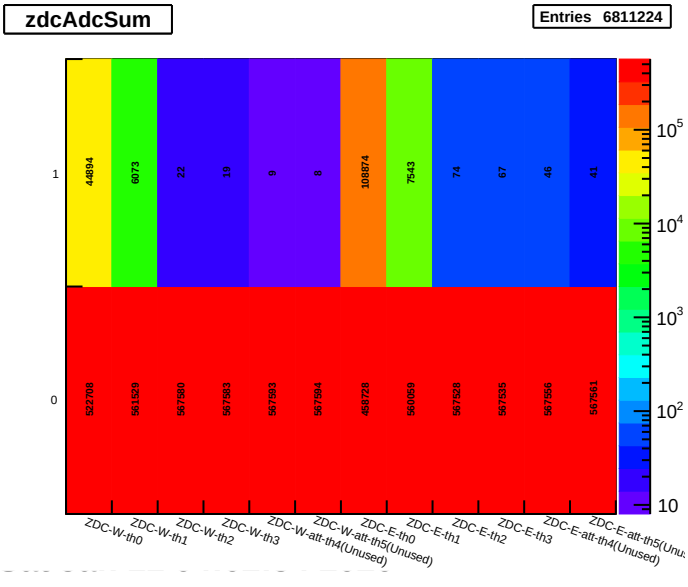
Entries 0
Data
Simu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Entries 6811224
44894
6073
22
19
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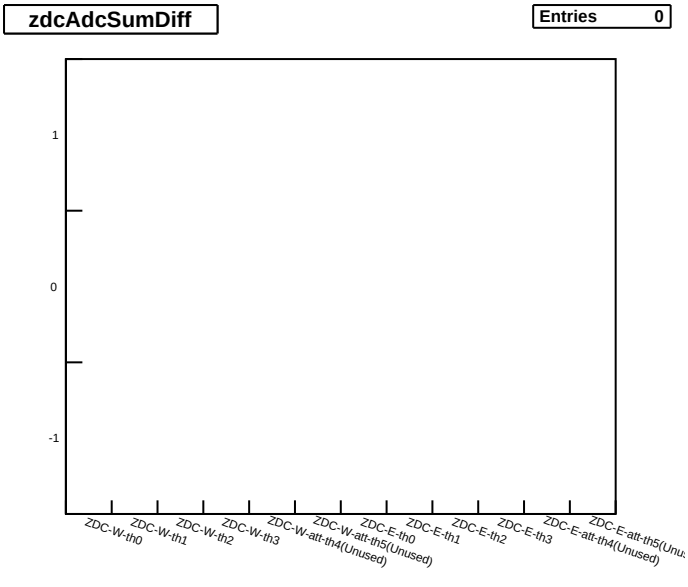
7543
74
67
46
41
522708
561529
567580
567583
567593
567594
458728
560069
567528
567535
567556
567561
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)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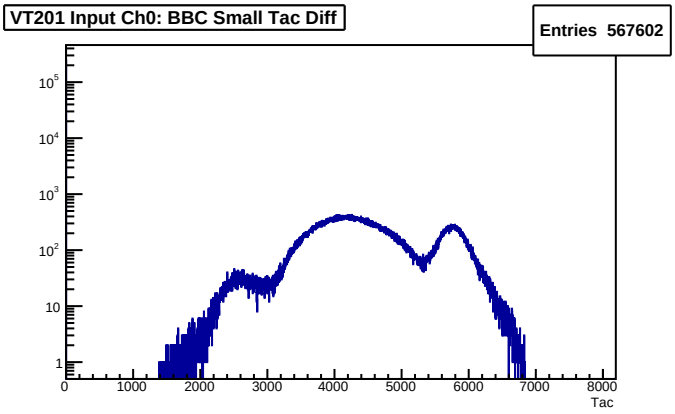
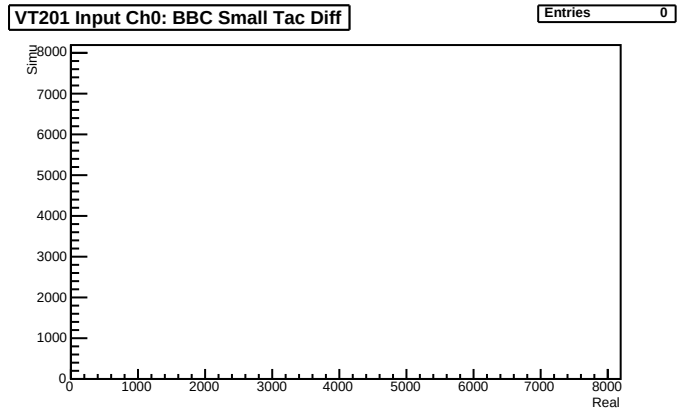
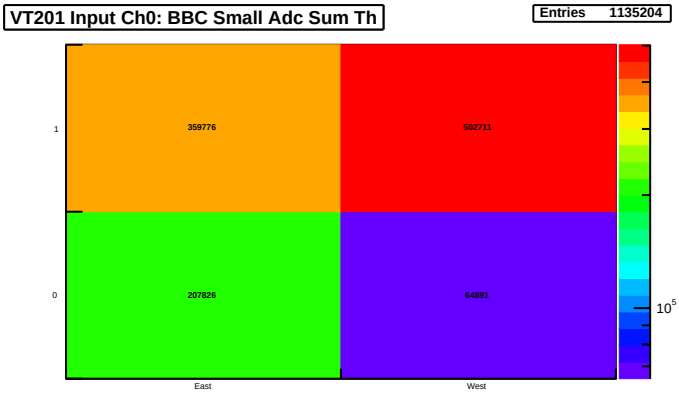
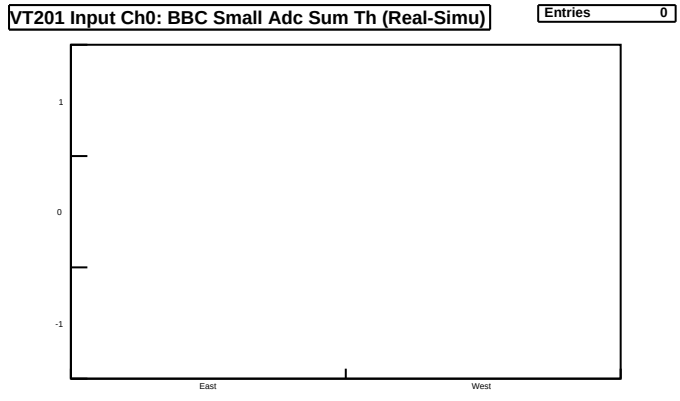
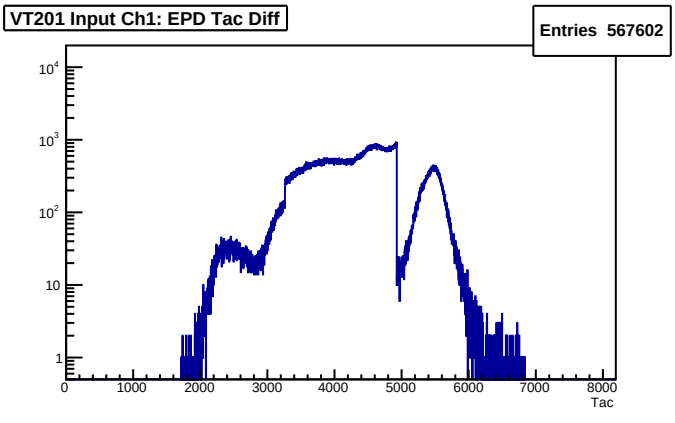
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

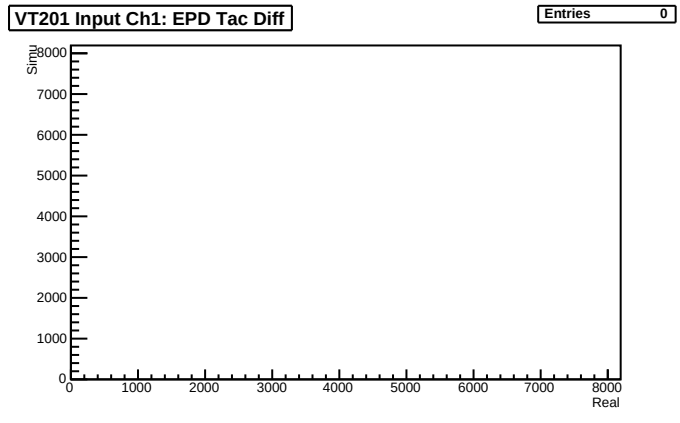

VT201 Input Ch0: BBC Small Tac Diff
Entries 567602
Tac

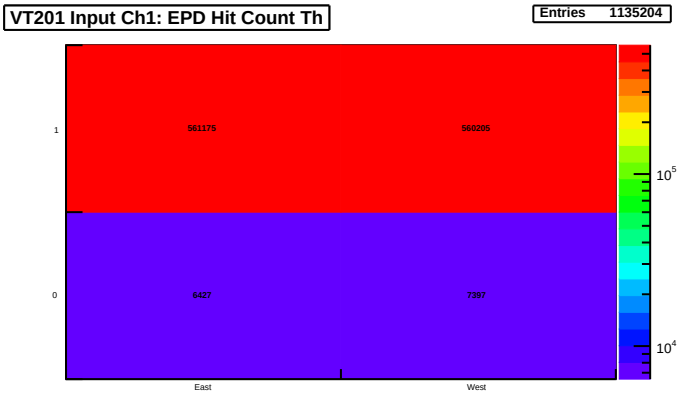

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

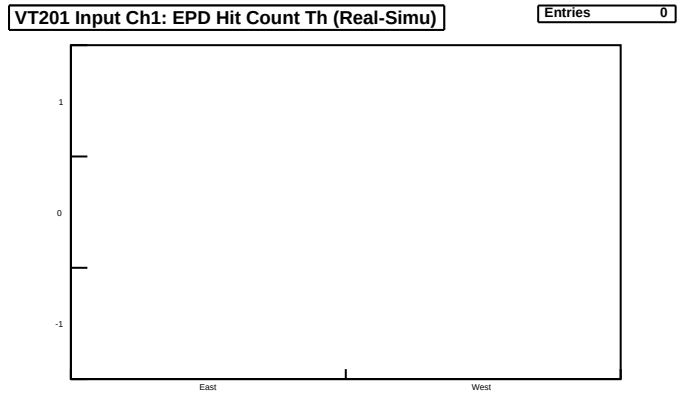

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1135204
359776
502711
207826
64891
East
West

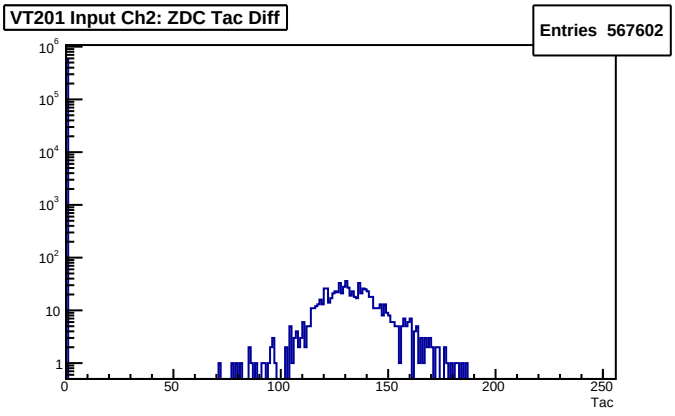

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

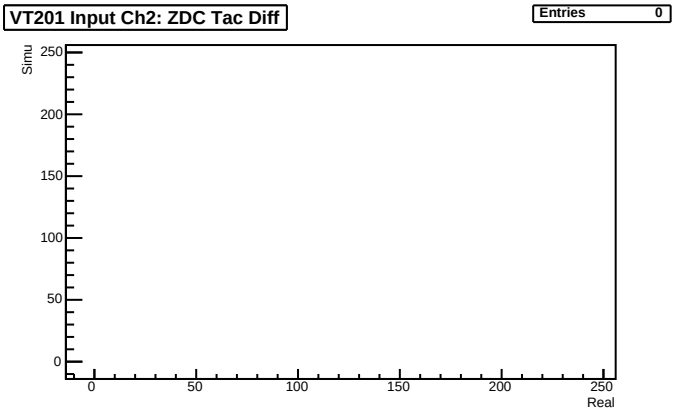

VT201 Input Ch1: EPD Tac Diff
Entries 567602
Tac

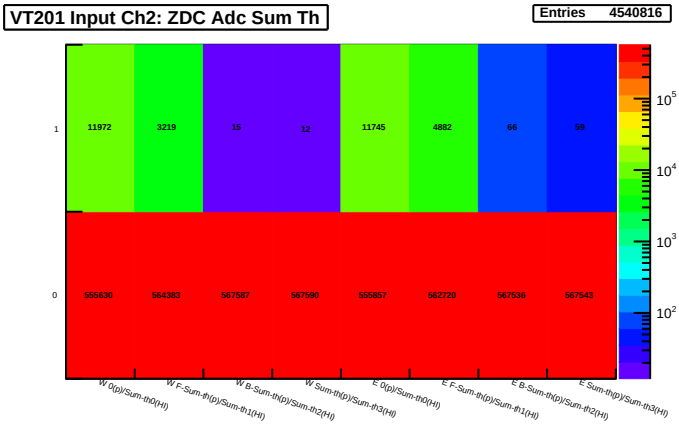

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

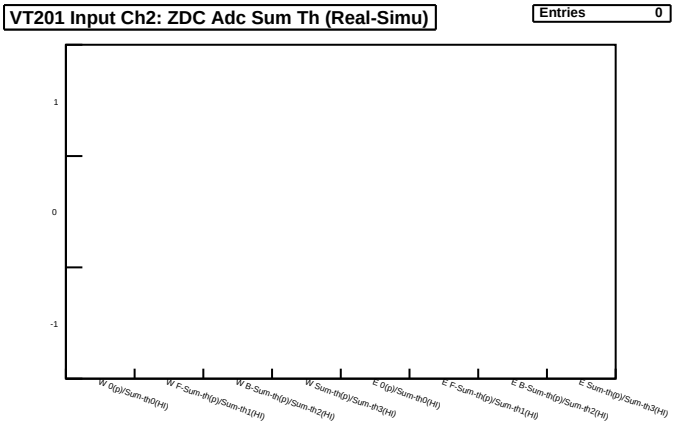

VT201 Input Ch1: EPD Hit Count Th
Entries 1135204
561175
560205
6427
7397
East
West

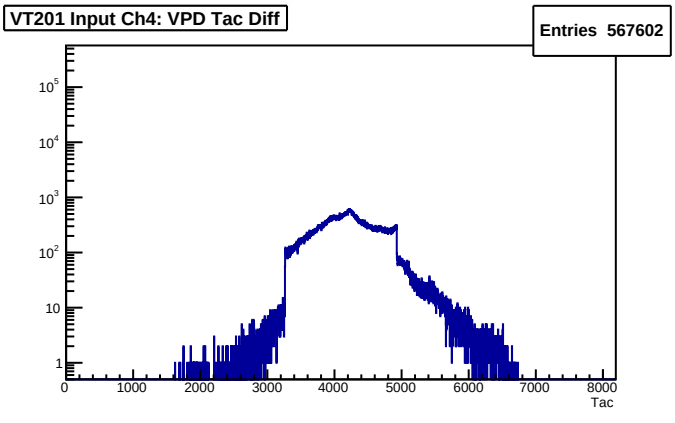

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

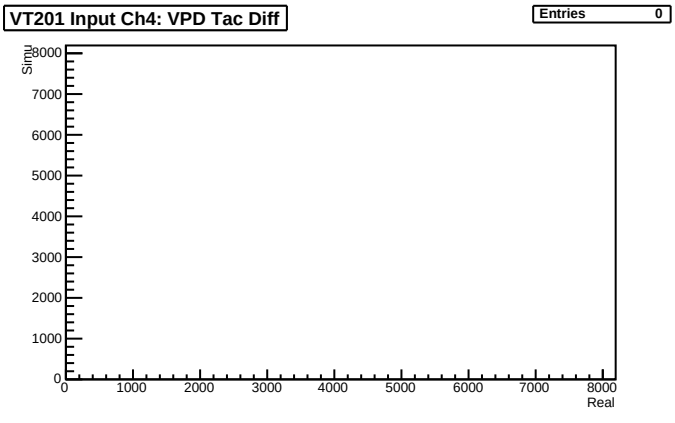

VT201 Input Ch2: ZDC Tac Diff
Entries 567602
Tac

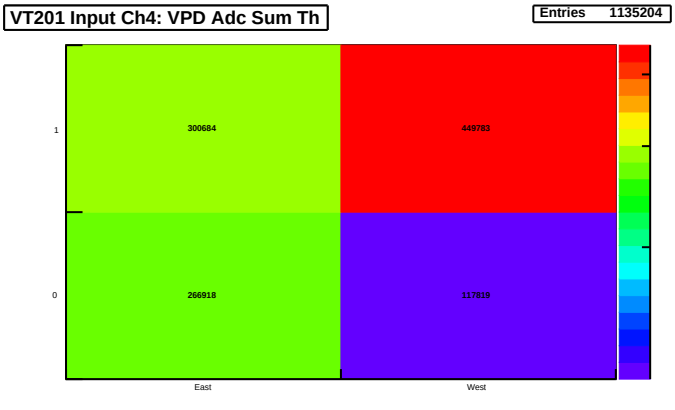

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

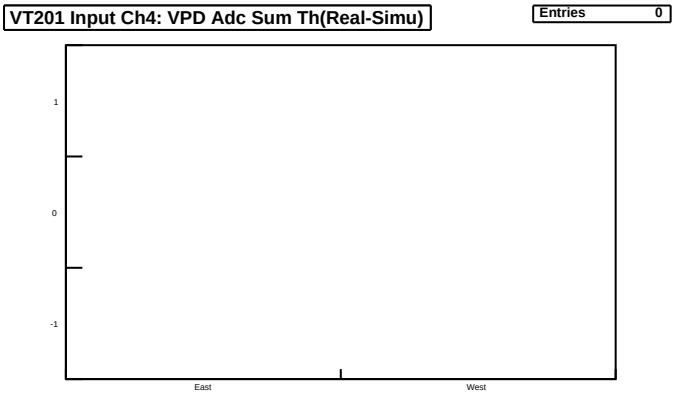

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4540816
11972
3219
15
12
11745
4882
66
59
555630
564383
567587
567590
555857
562720
567536
567543
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

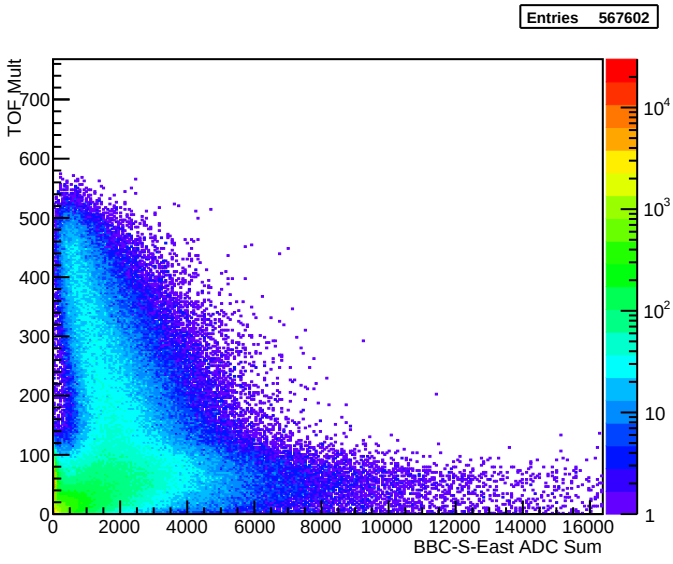

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

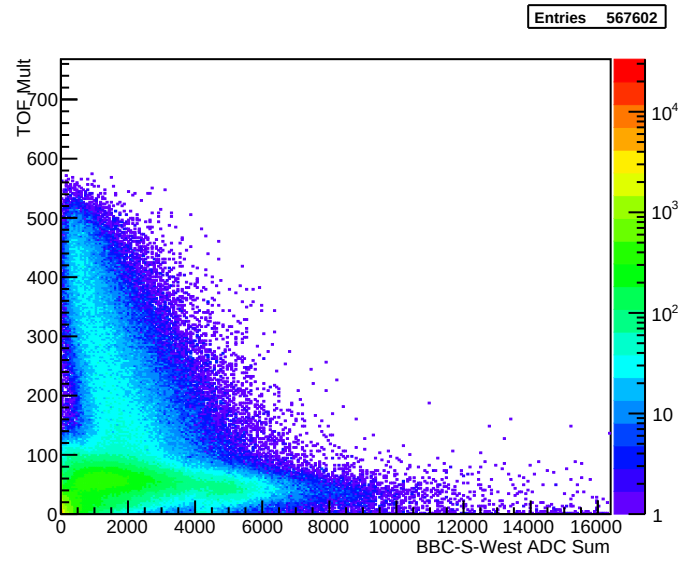

VT201 Input Ch4: VPD Tac Diff
Entries 567602
Tac

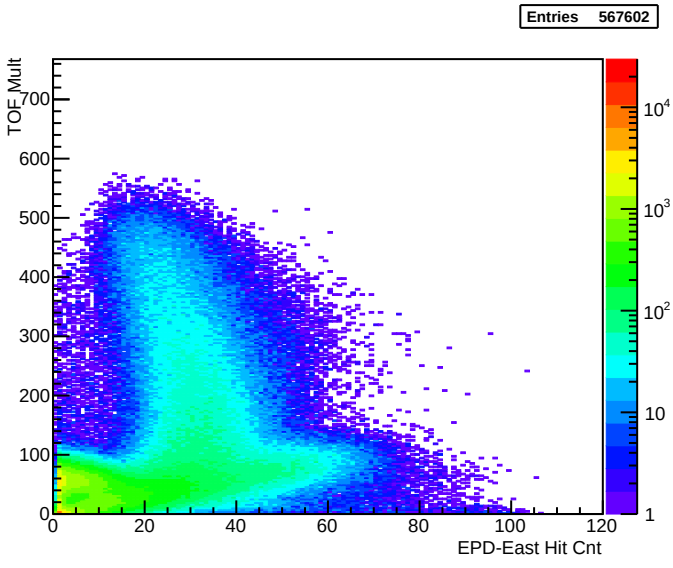

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

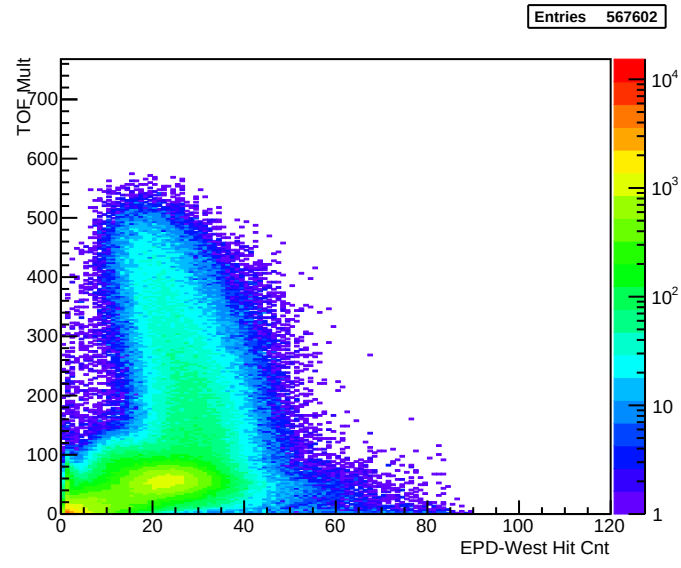

VT201 Input Ch4: VPD Adc Sum Th
Entries 1135204
300684
449783
266918
117819
East
West

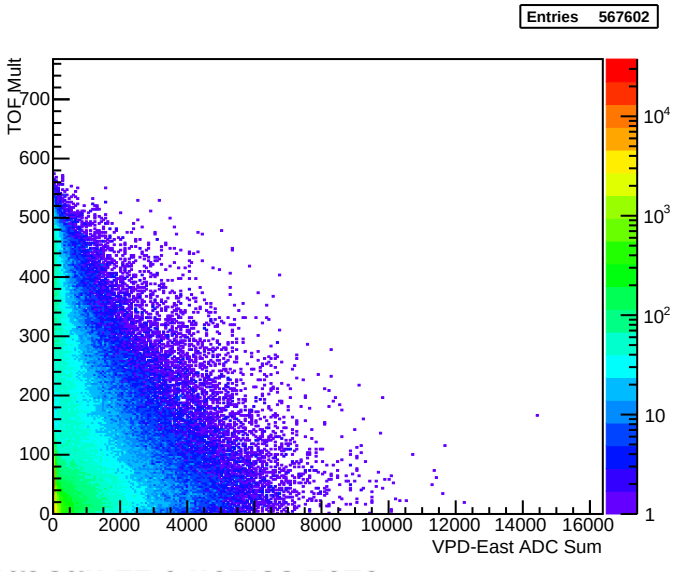

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

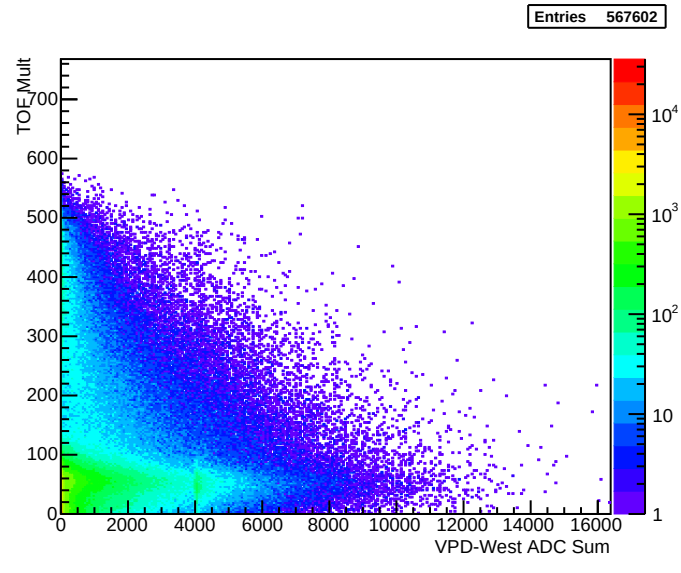

Entries 567602
TOF_Mult
BBC-S-East ADC Sum

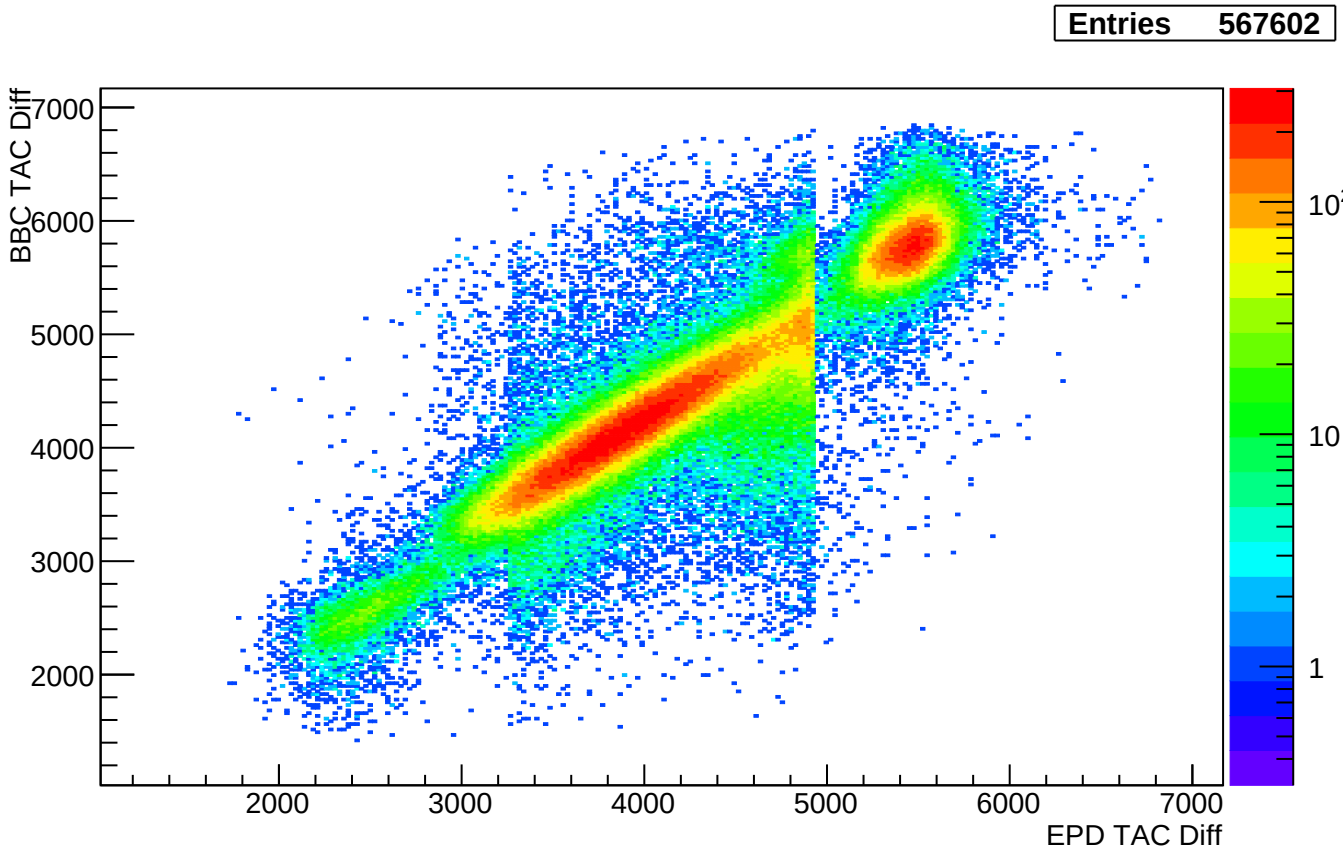

Entries 567602
TOF_Mult
BBC-S-West ADC Sum

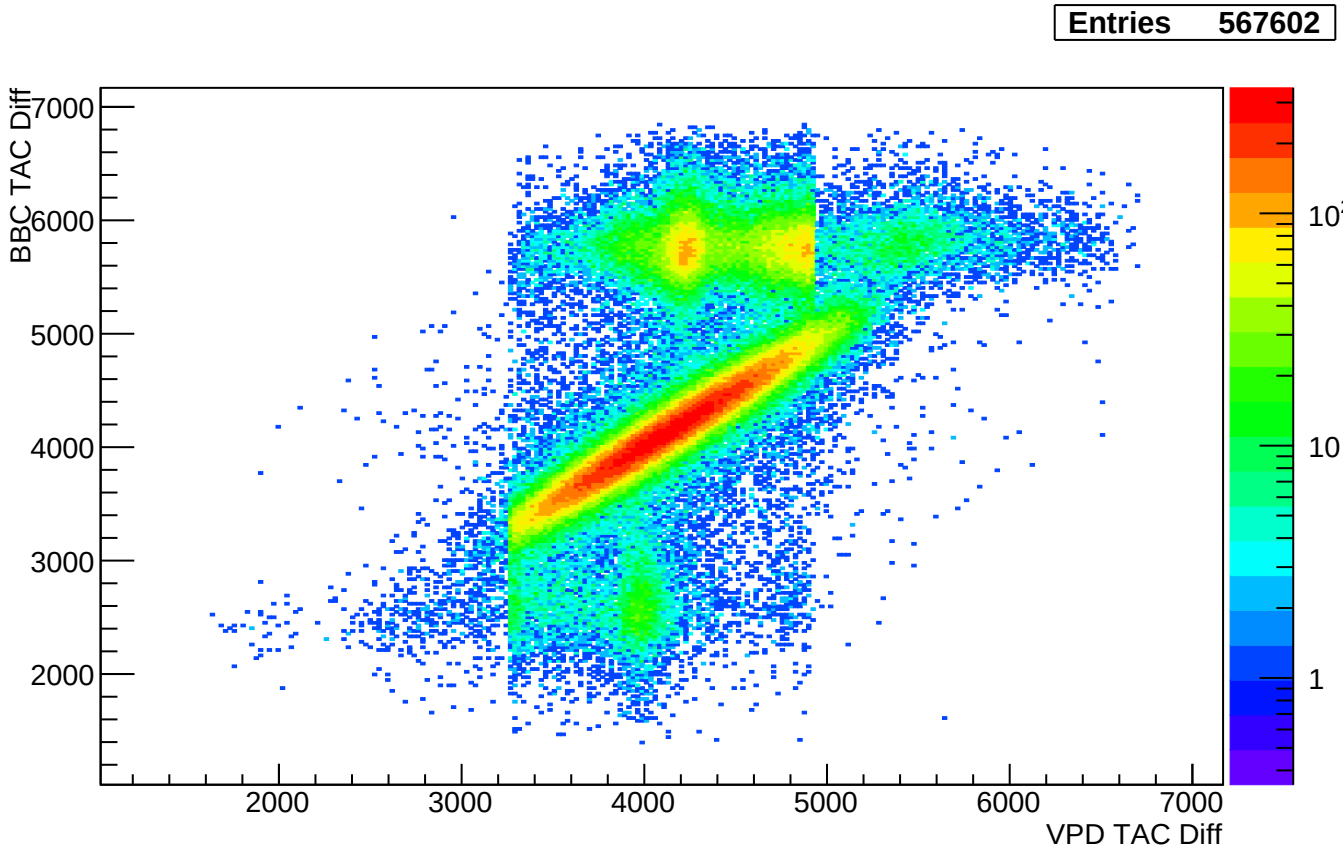

Entries 567602
TOF_Mult
EPD-East Hit Cnt

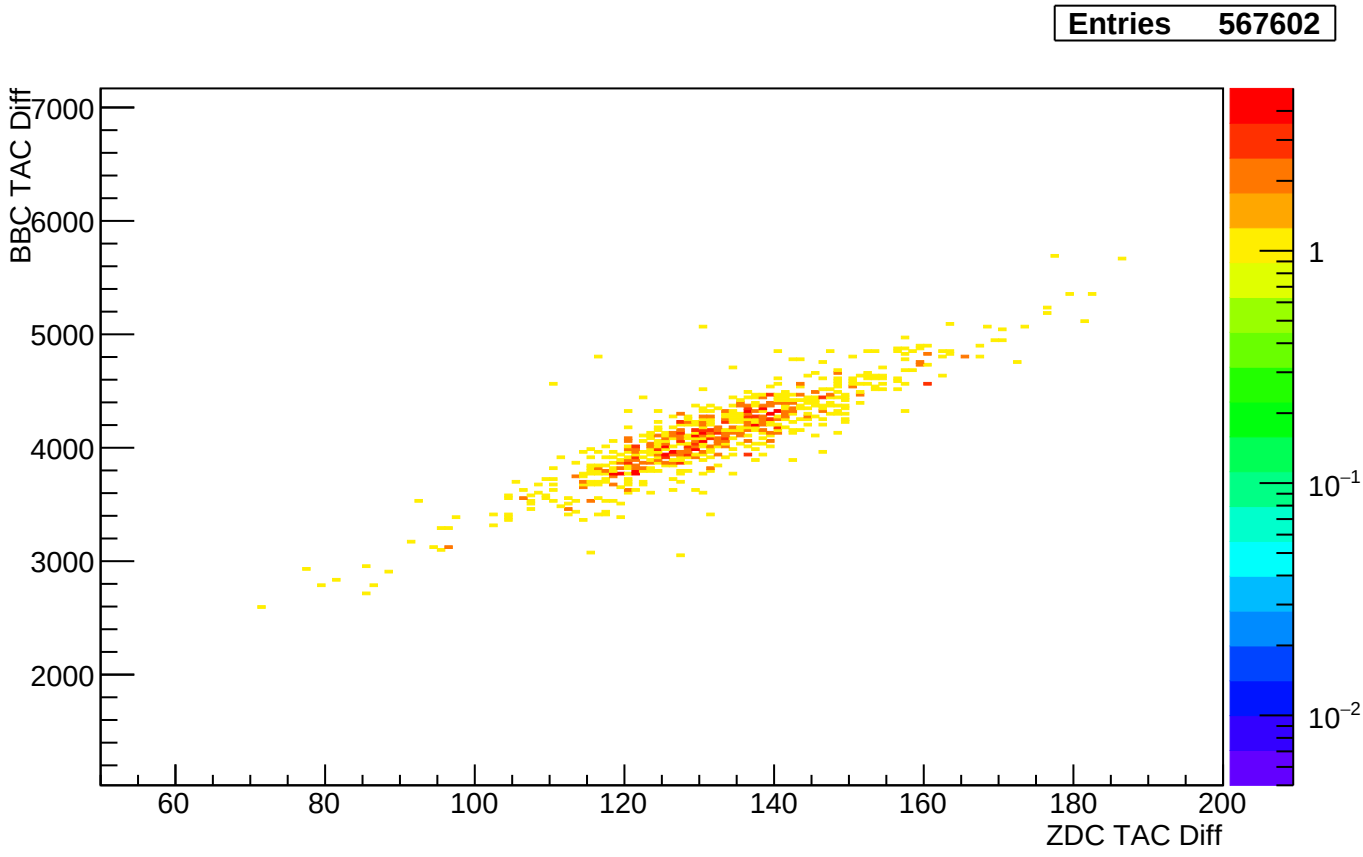

Entries 567602
TOF_Mult
EPD-West Hit Cnt

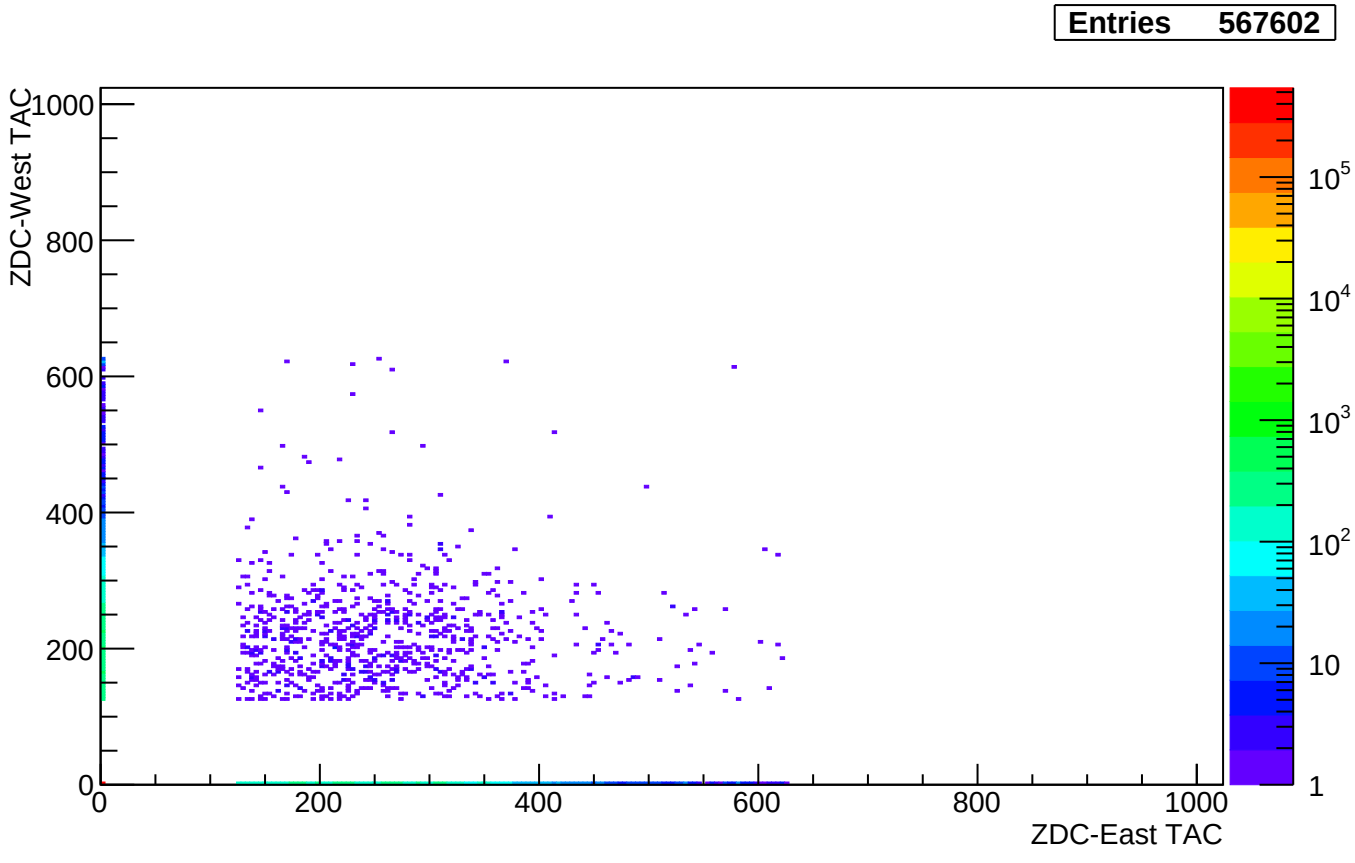

Entries 567602
TOF_Mult
VPD-East ADC Sum

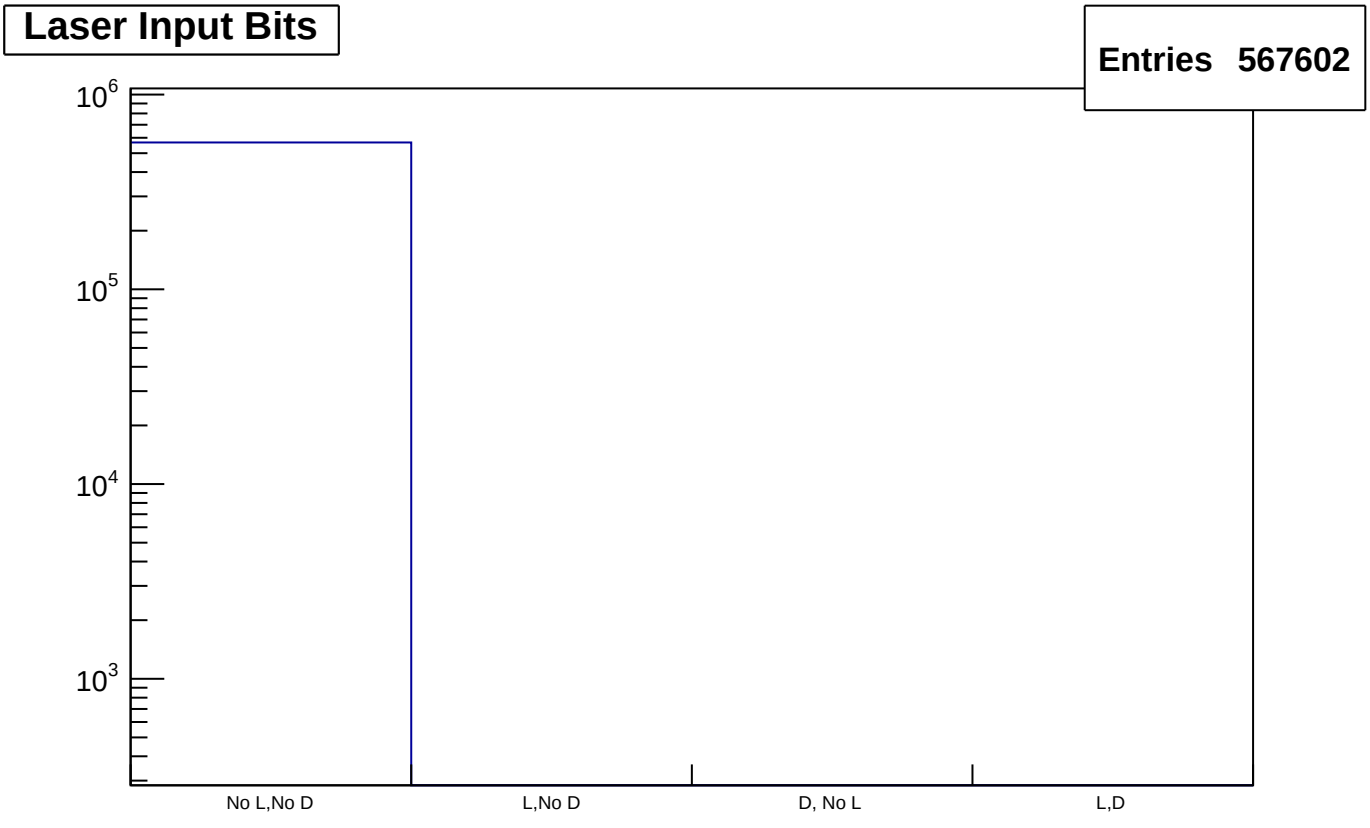

Entries 567602
TOF_Mult
VPD-West ADC Sum

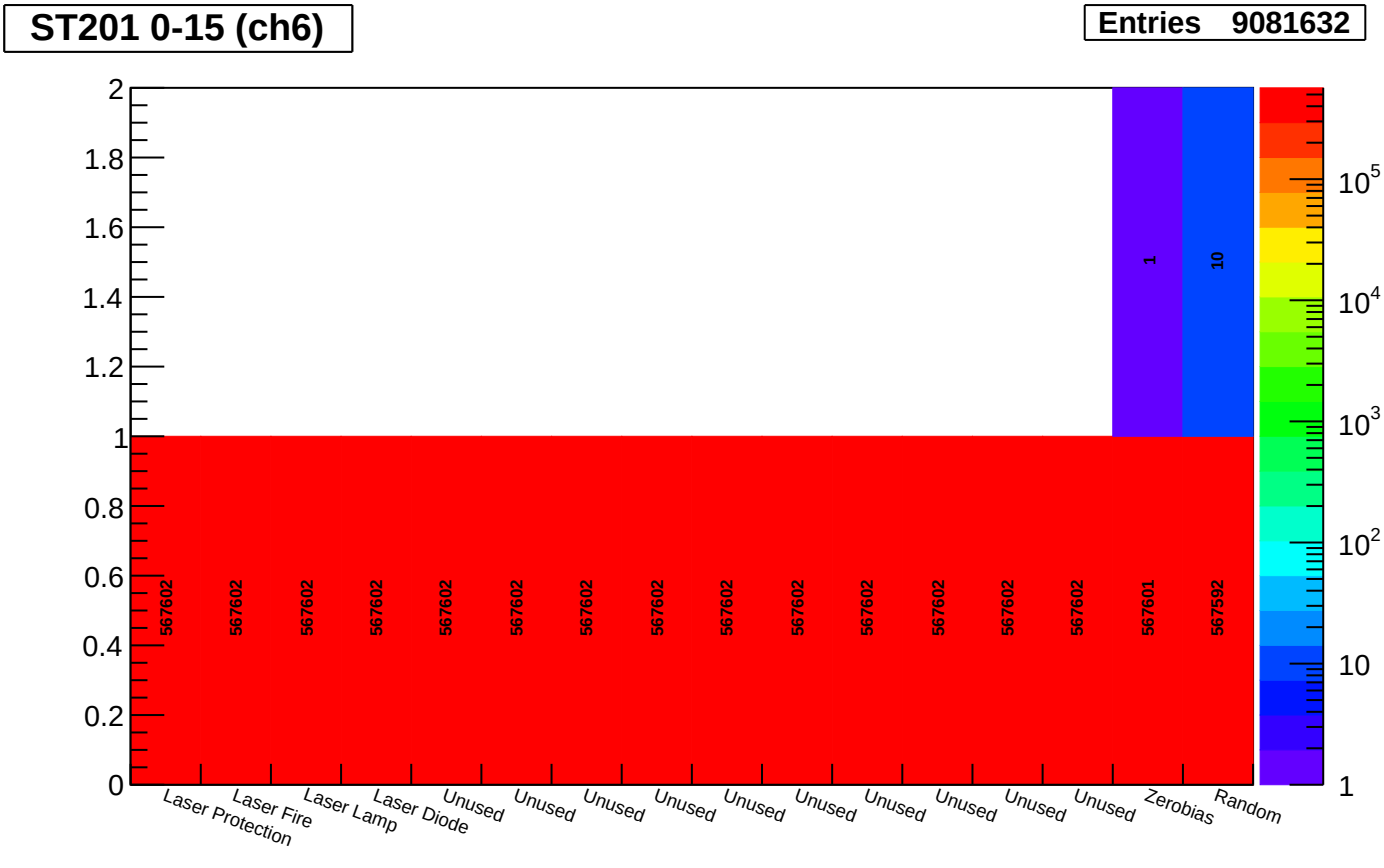

Entries 567602
BBC TAC Diff
EPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
$10^2$

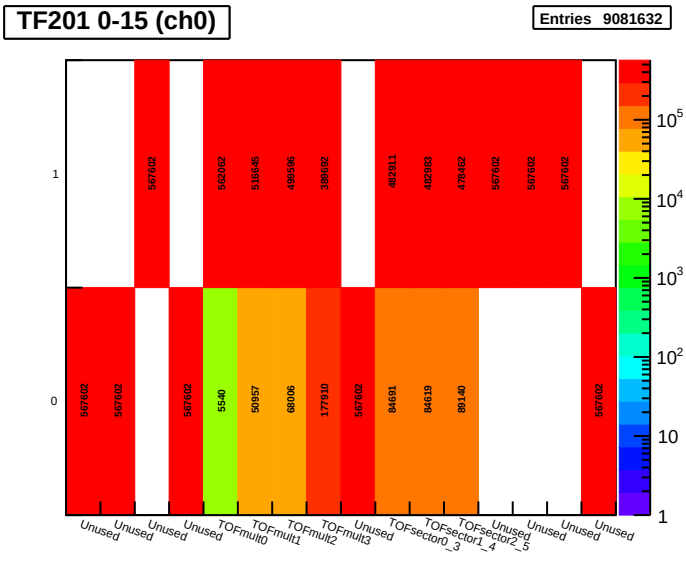

Entries 567602
BBC TAC Diff
VPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
$10^2$

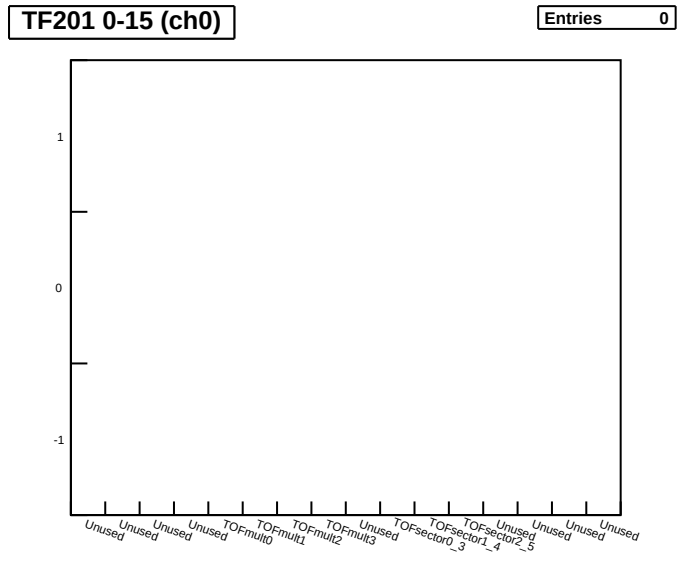

Entries 567602
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
$10^{-1}$
$10^{-2}$

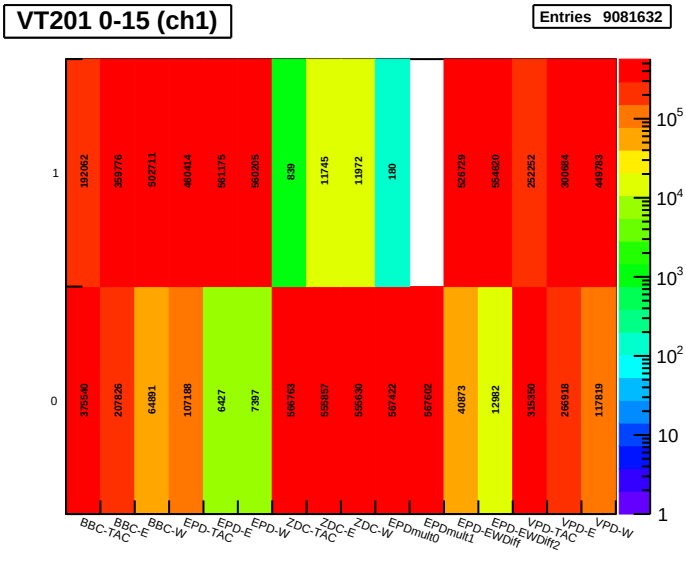

Entries 567602
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

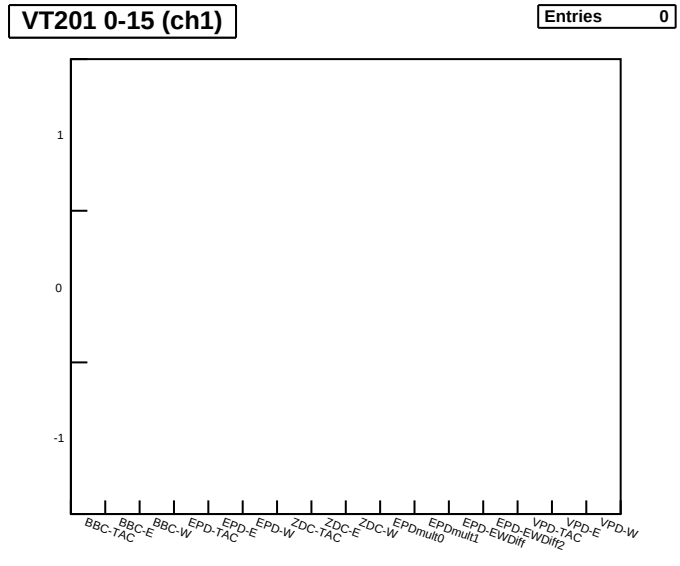

Laser Input Bits
Entries 567602
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

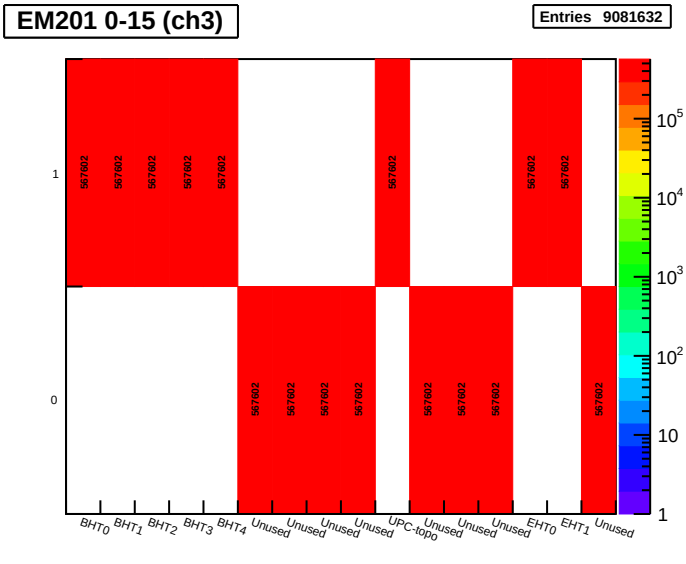

ST201 0-15 (ch6)
Entries 9081632
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567601
567592
1
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

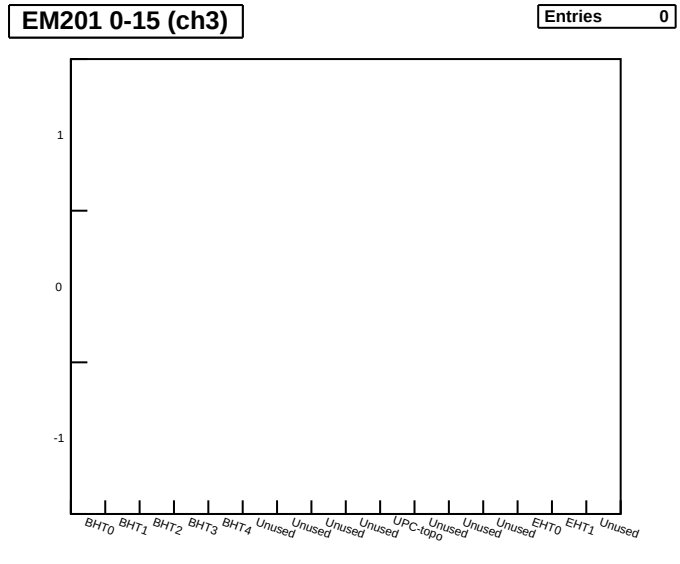

TF201 0-15 (ch0)
Entries 9081632
1
0
567602
562062
516645
499596
389682
492911
492983
478482
567602
567602
567602
567602
567602
5540
50957
68006
177910
567602
84691
84619
89140
567602
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
$10^5$
$10^4$
$10^3$
$10^2$
10
1


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 9081632
1
0
192062
359776
502711
460414
561175
560205
839
11745
11972
180
526729
554620
252252
300684
449783
375540
207826
64891
107188
6427
7397
566763
555957
555630
567422
567602
40873
12982
315350
266918
117819
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 9081632
1
0
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
567602
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