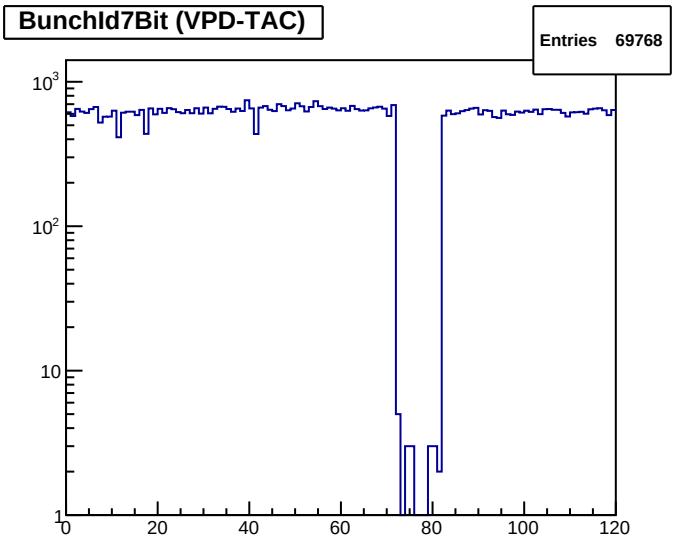
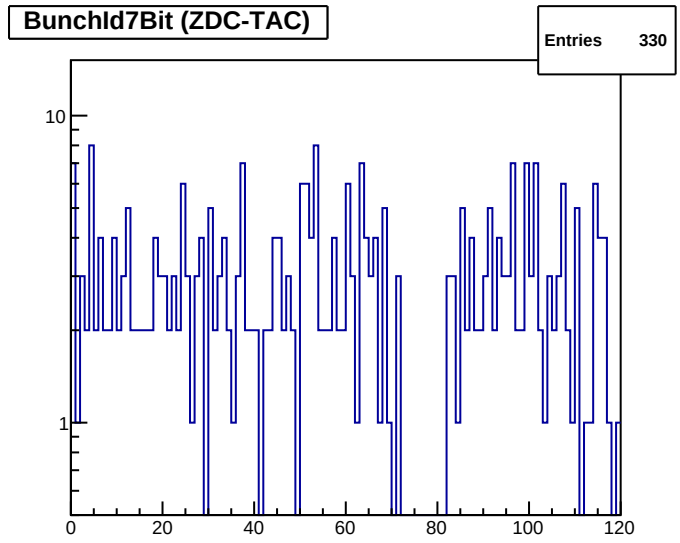
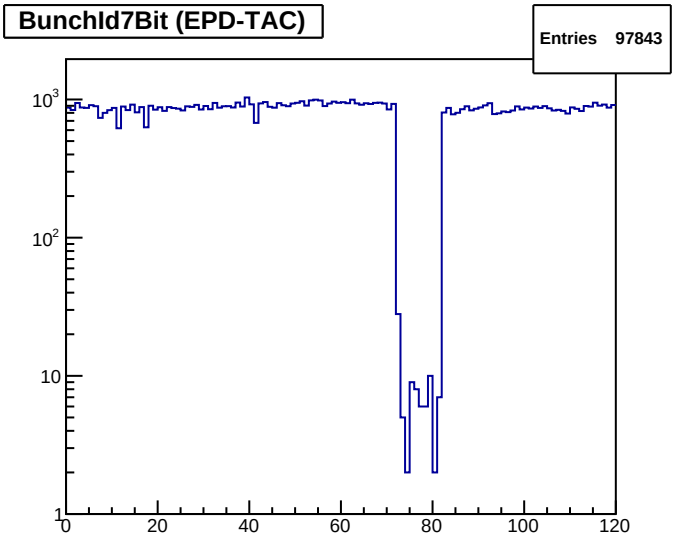
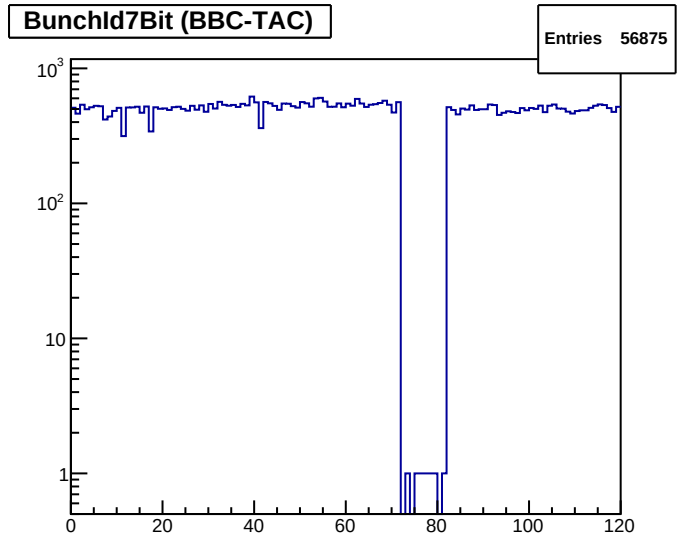
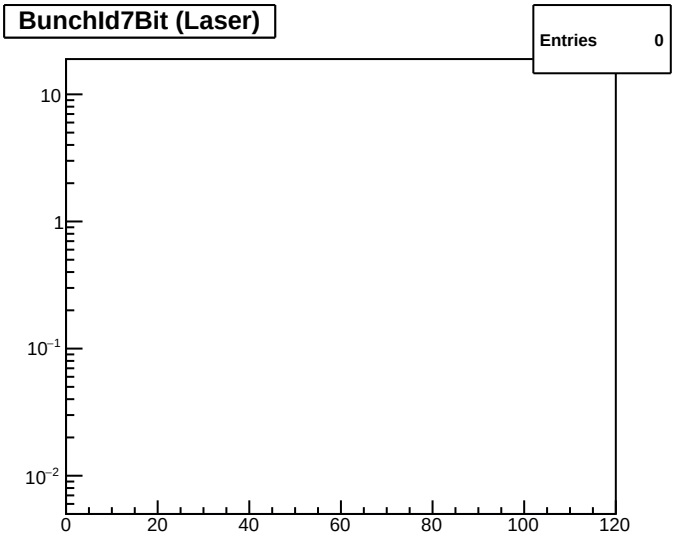
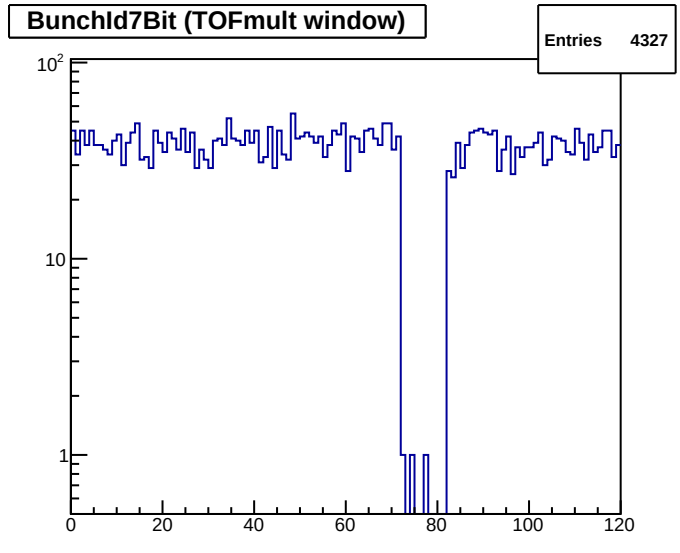

BunchId7Bit (VPD-TAC)
Entries 69768

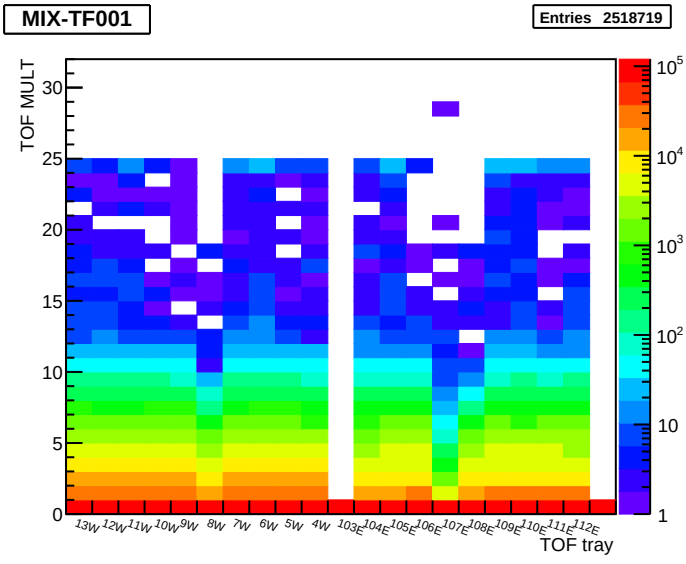

BunchId7Bit (ZDC-TAC)
Entries 330

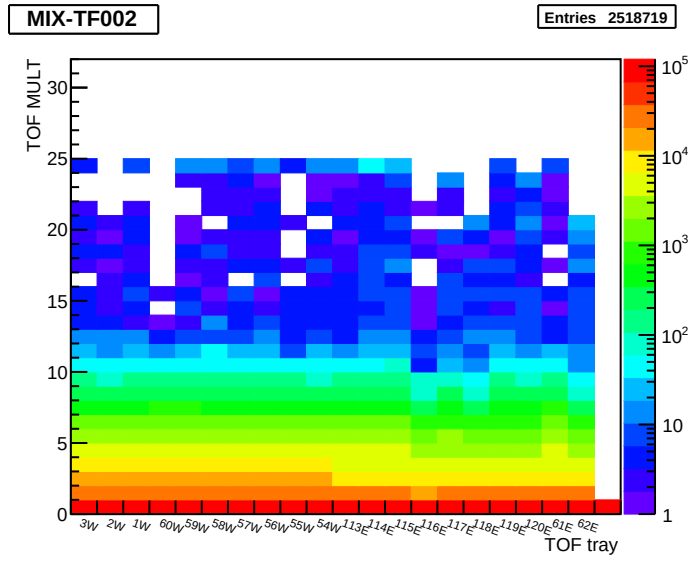

BunchId7Bit (EPD-TAC)
Entries 97843

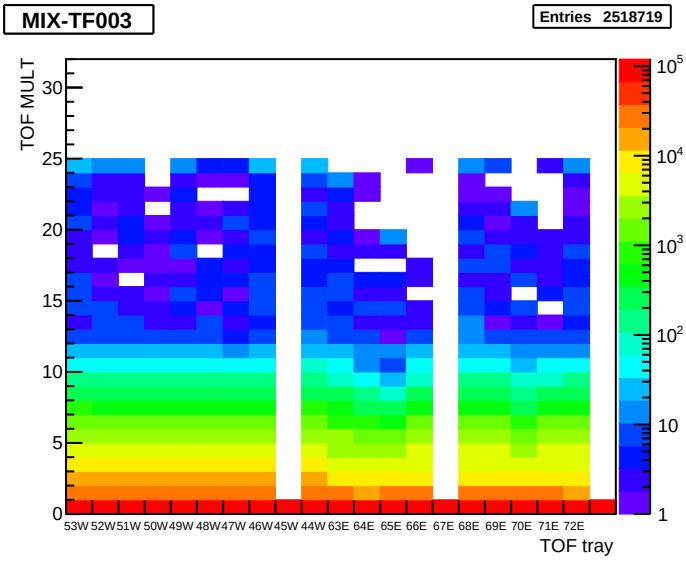

BunchId7Bit (BBC-TAC)
Entries 56875

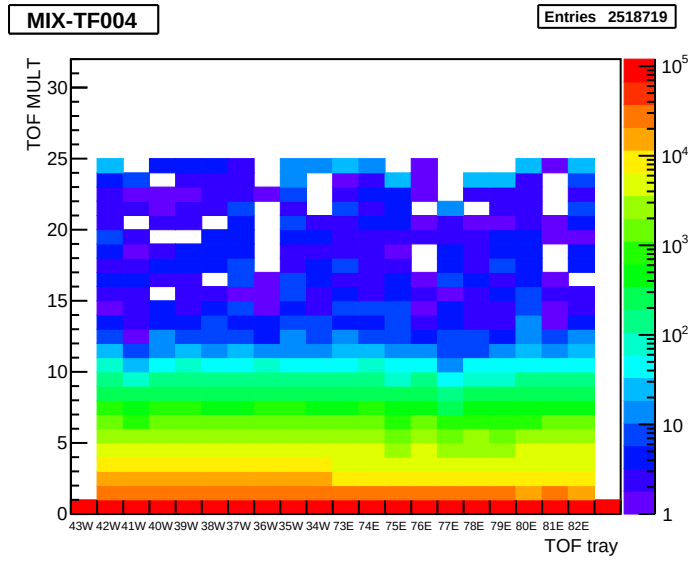

BunchId7Bit (Laser)
Entries 0

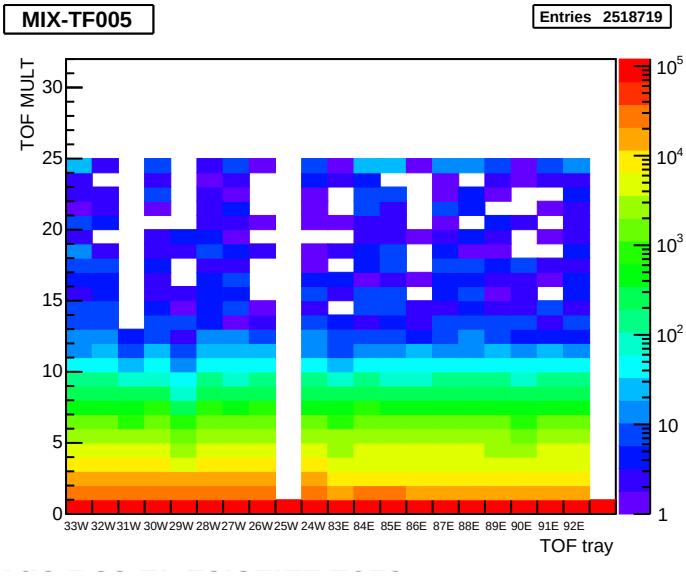

BunchId7Bit (TOFmult window)
Entries 4327

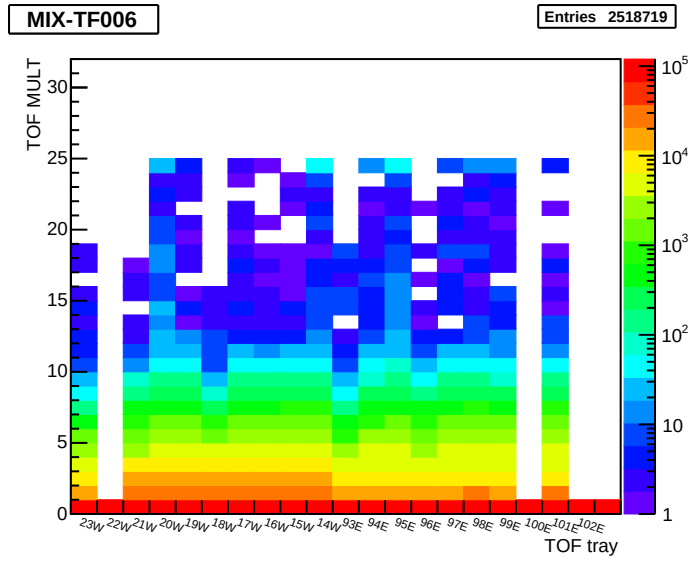

MIX-TF001
Entries 2518719
TOF MULT
TOF tray

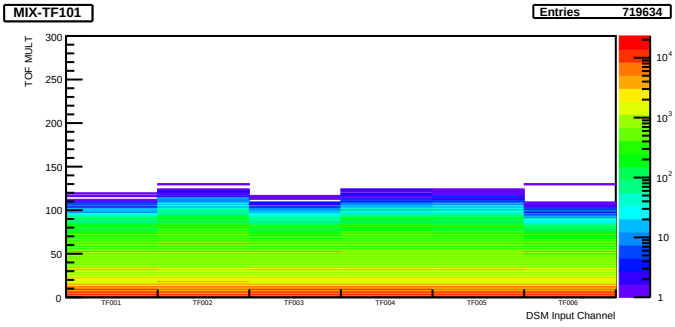

MIX-TF002
Entries 2518719
TOF MULT
TOF tray

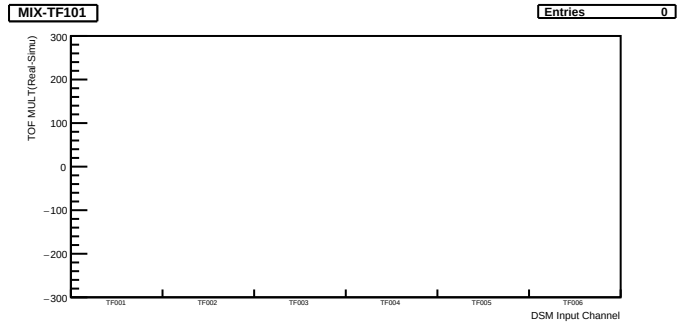

MIX-TF003
Entries 2518719
TOF MULT
TOF tray

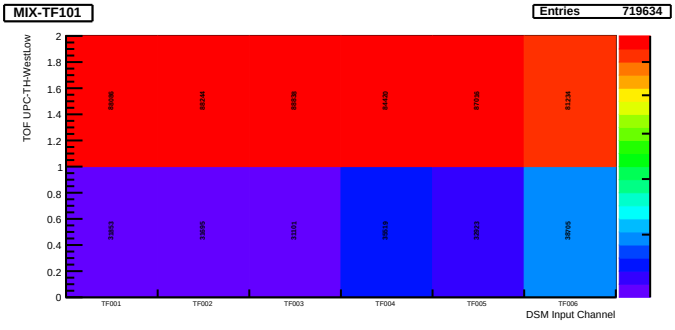

MIX-TF004
Entries 2518719
TOF MULT
TOF tray

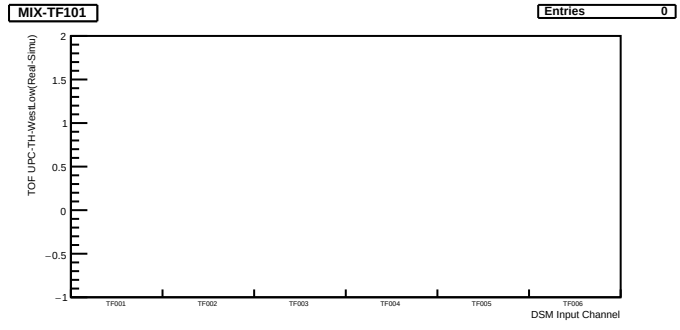

MIX-TF005
Entries 2518719
TOF MULT
TOF tray

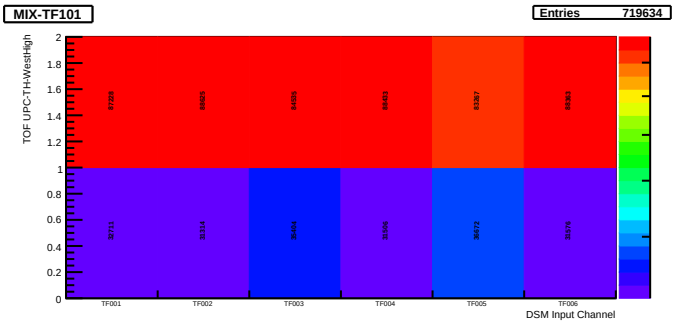

MIX-TF006
Entries 2518719
TOF MULT
TOF tray

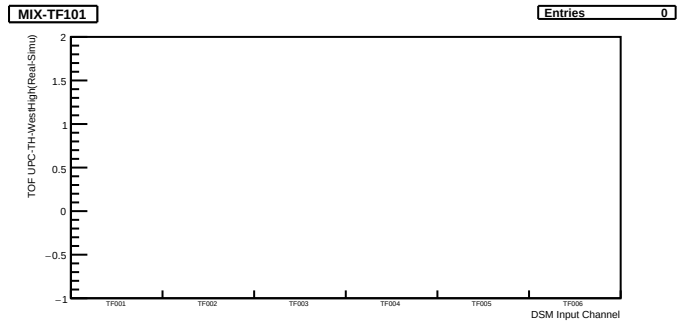

MIX-TF101
Entries 719634
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

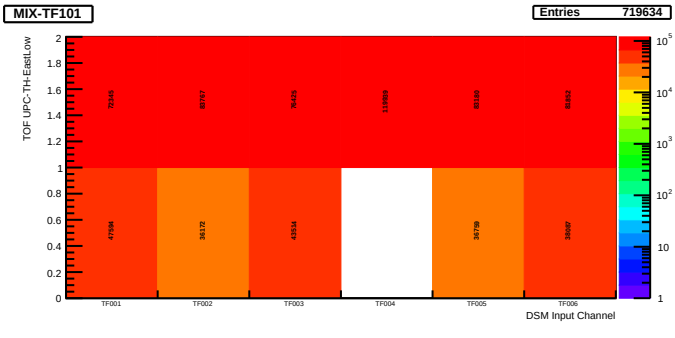

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

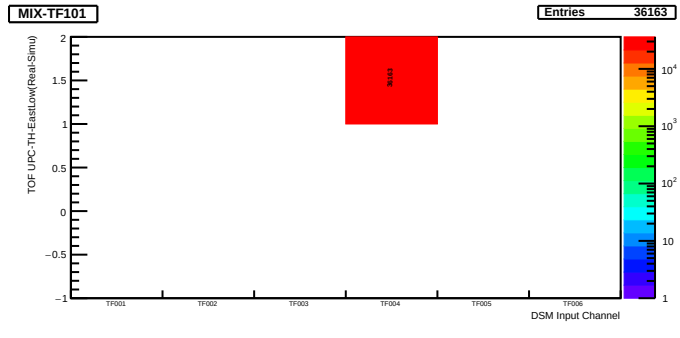

MIX-TF101
Entries 719634
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

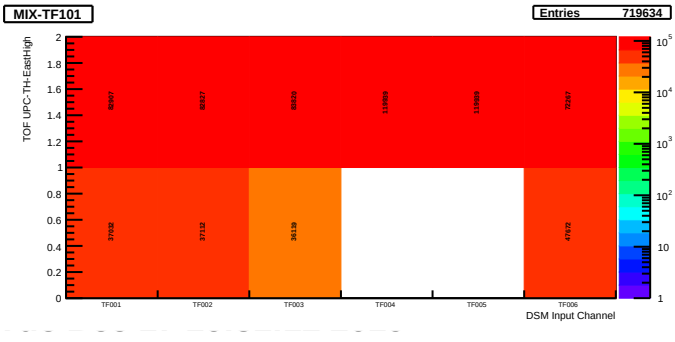

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

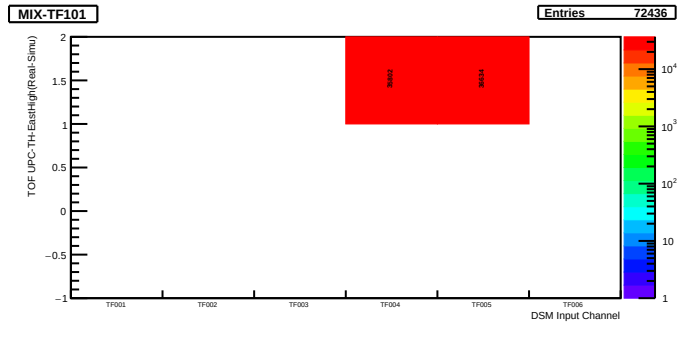

MIX-TF101
Entries 719634
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

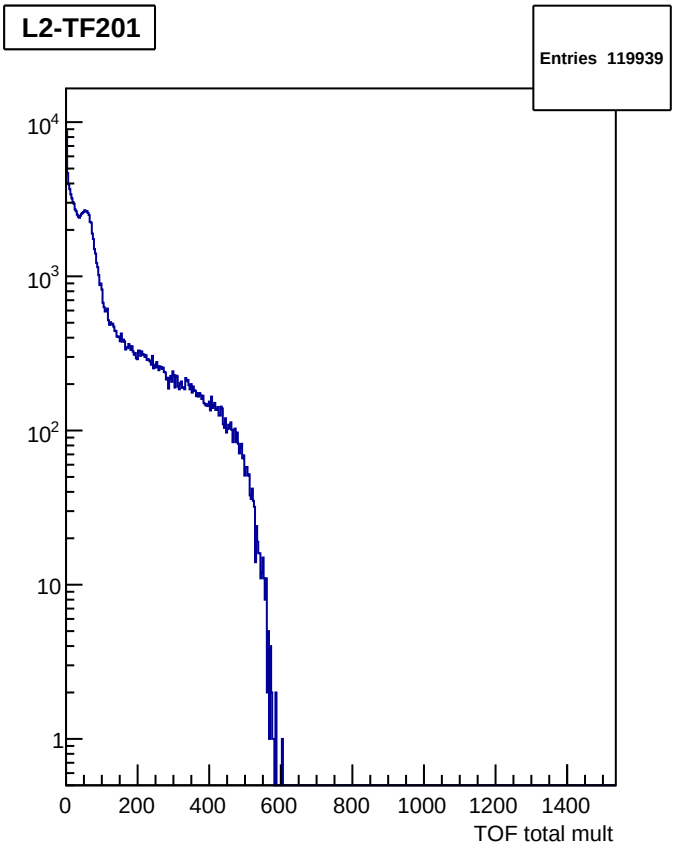

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

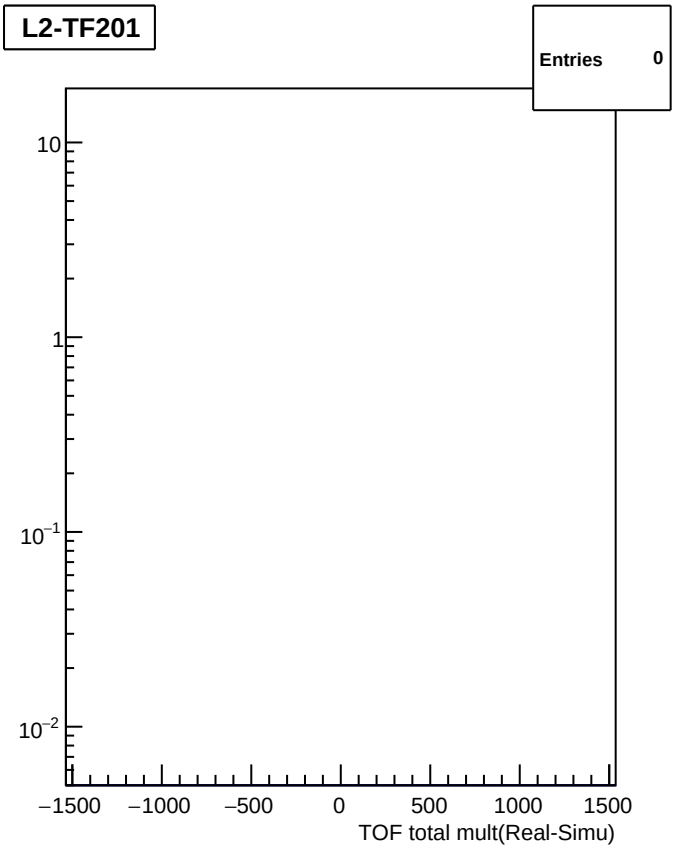

MIX-TF101
Entries 719634
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

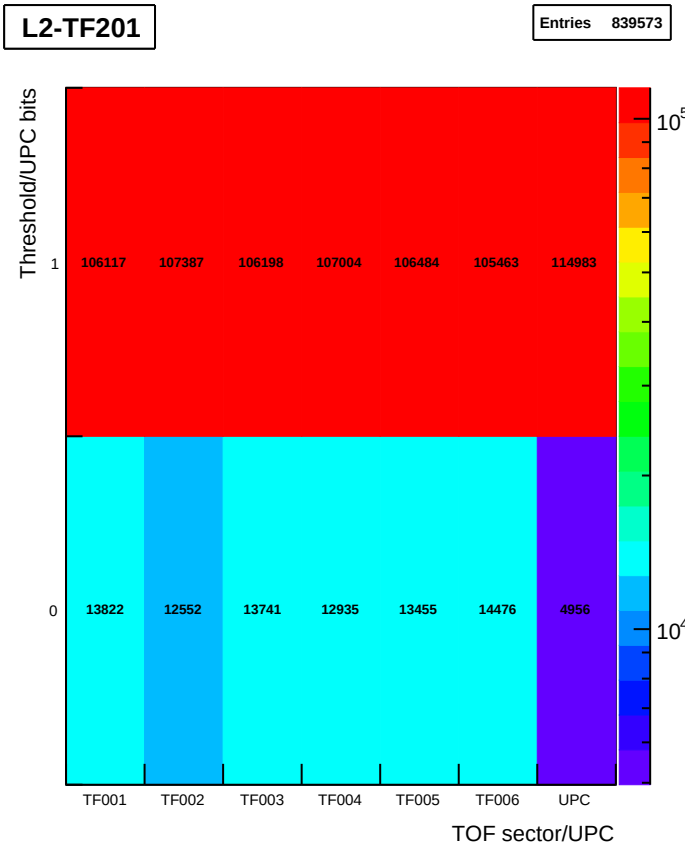

MIX-TF101
Entries 36163
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

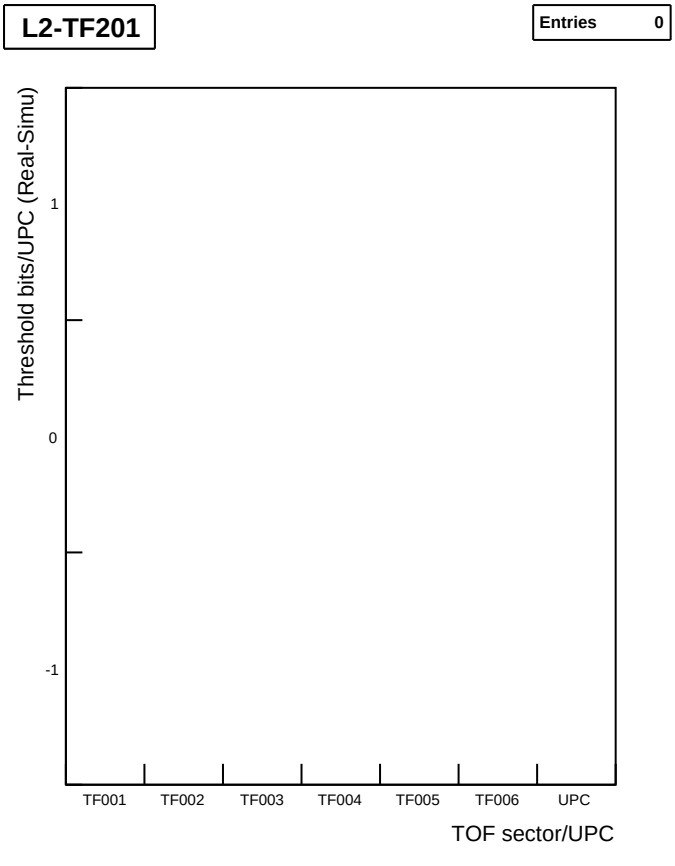

MIX-TF101
Entries 719634
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

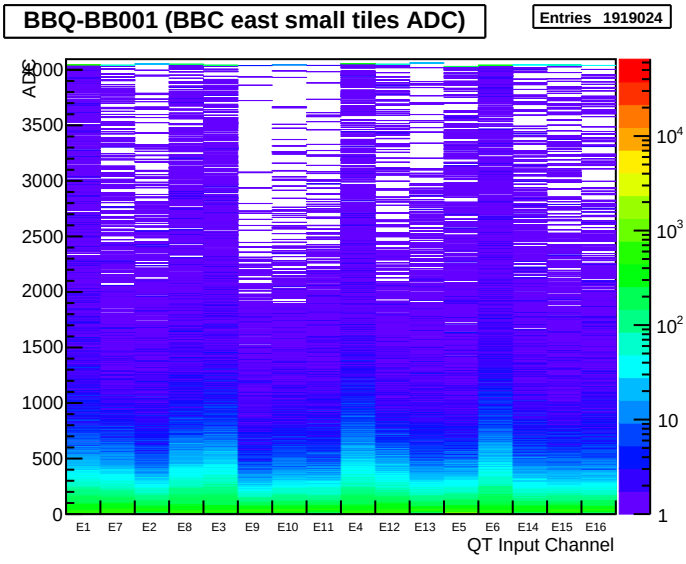

MIX-TF101
Entries 72436
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

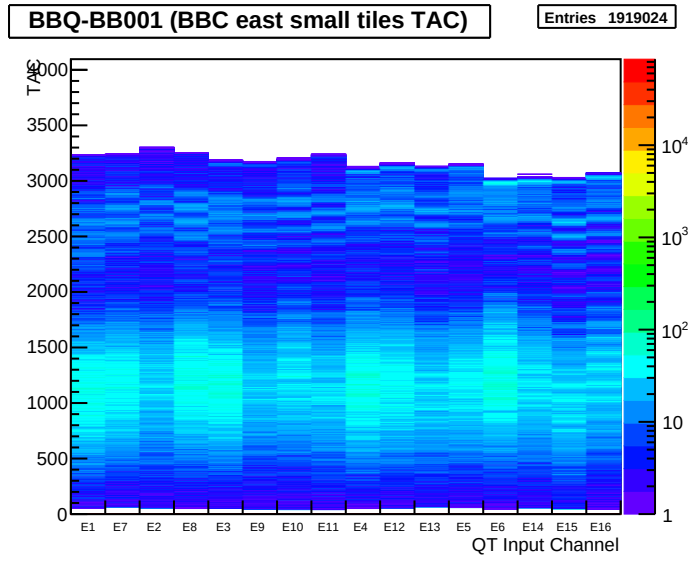

L2-TF201
Entries 119939
TOF total mult

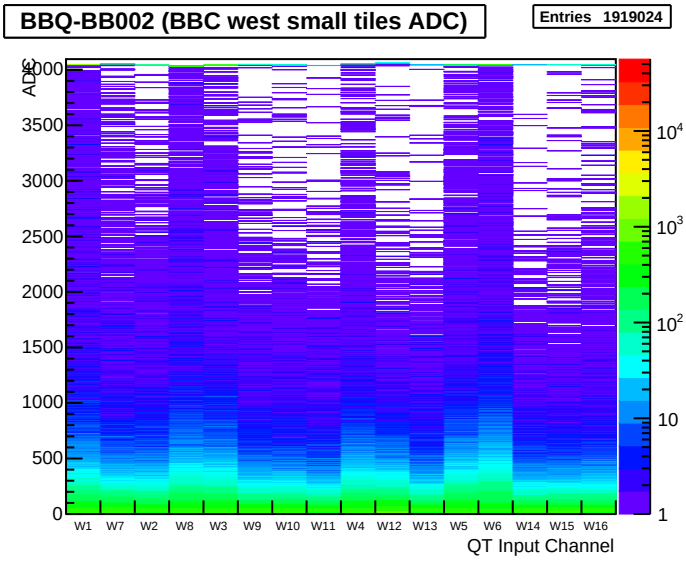

L2-TF201
Entries 0
TOF total mult(Real-Simu)

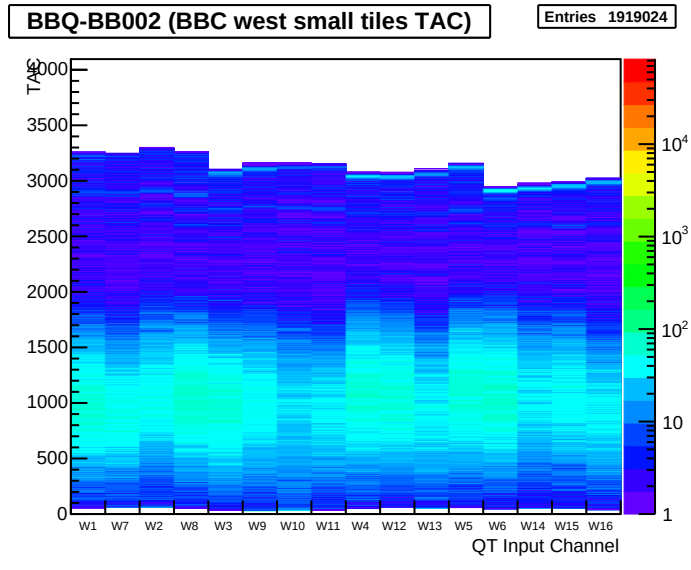

L2-TF201
Entries 839573
Threshold/UPC bits
106117
107387
106198
107004
106484
105463
114983
13822
12552
13741
12935
13455
14476
4956
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

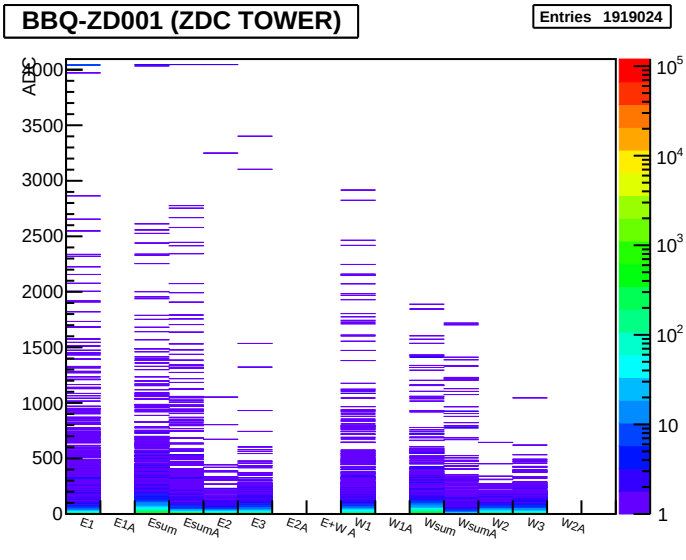

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

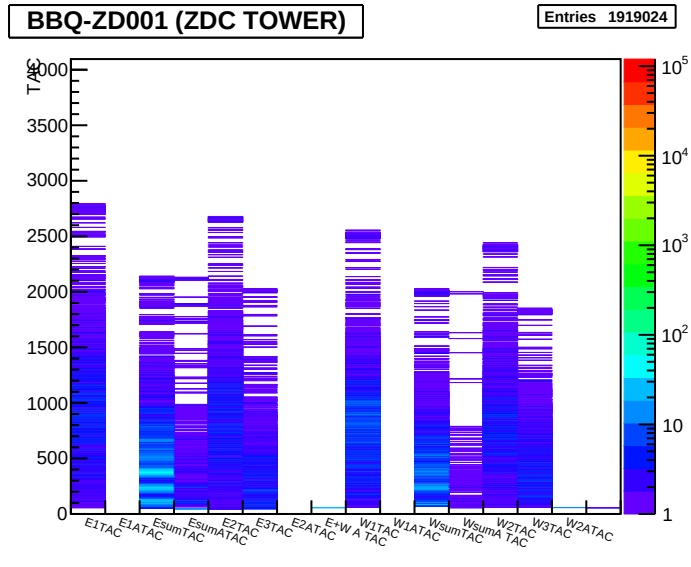

BBQ-BB001 (BBC east small tiles ADC)
Entries 1919024
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

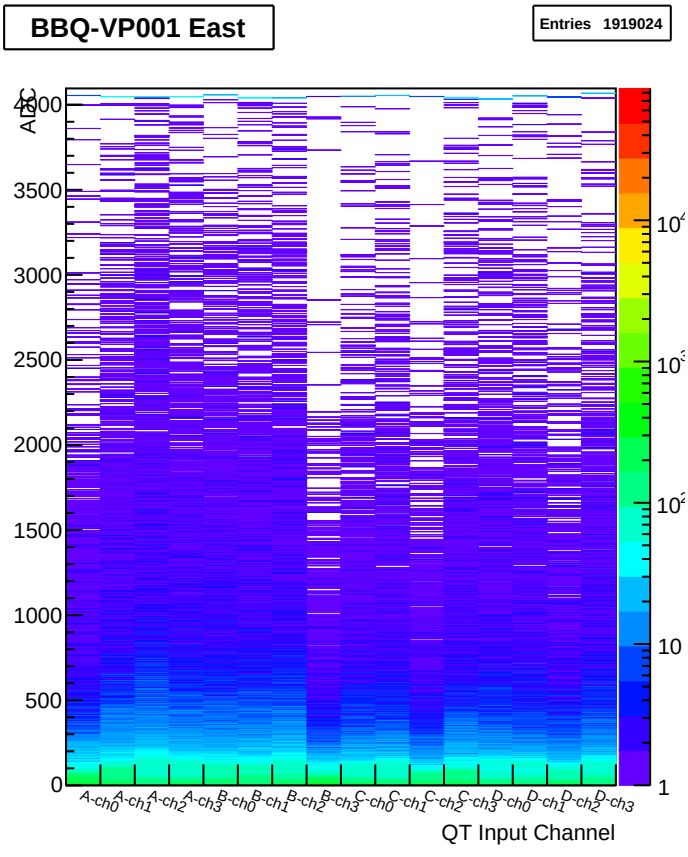

BBQ-BB001 (BBC east small tiles TAC)
Entries 1919024
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

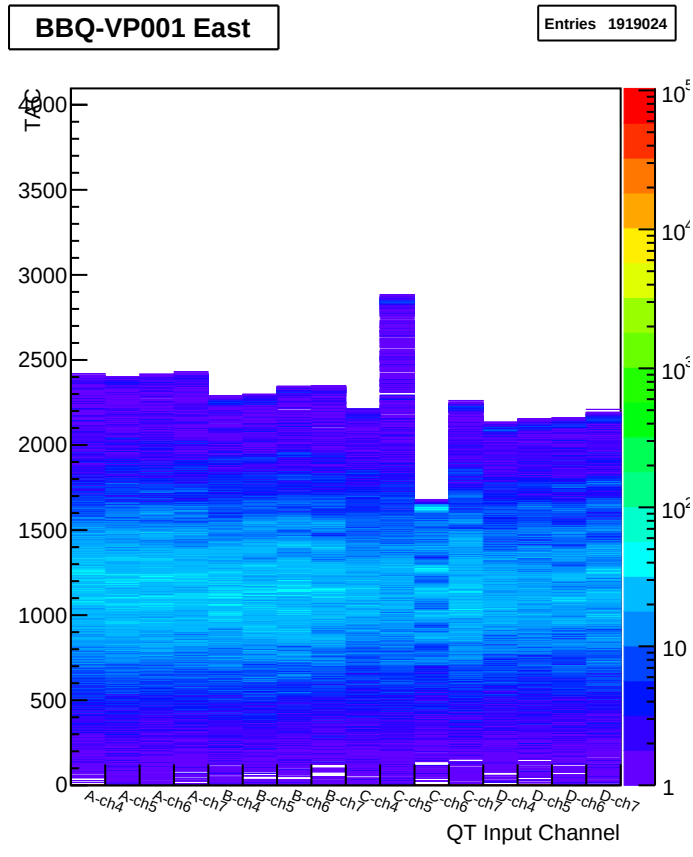

BBQ-BB002 (BBC west small tiles ADC)
Entries 1919024
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

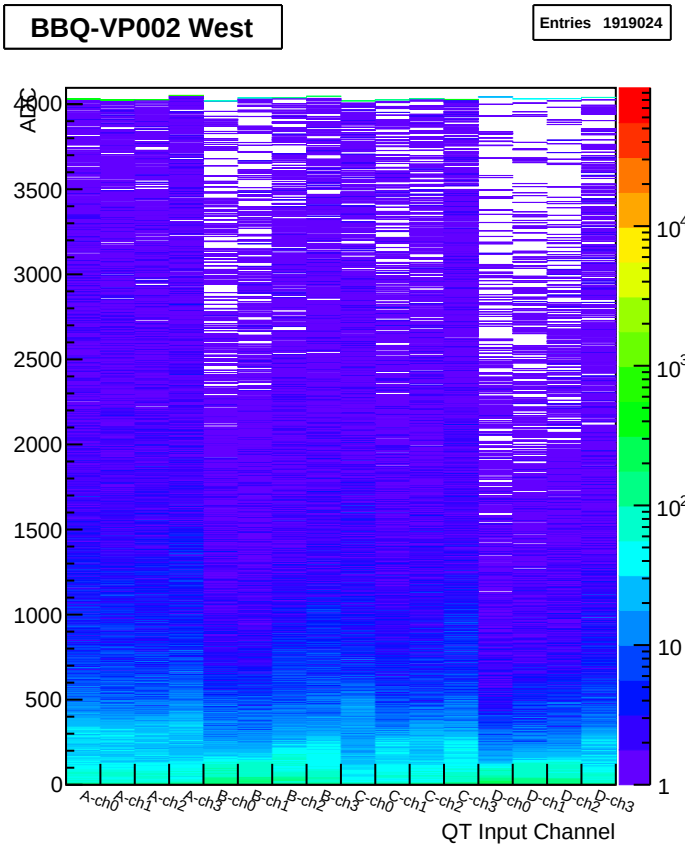

BBQ-BB002 (BBC west small tiles TAC)
Entries 1919024
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

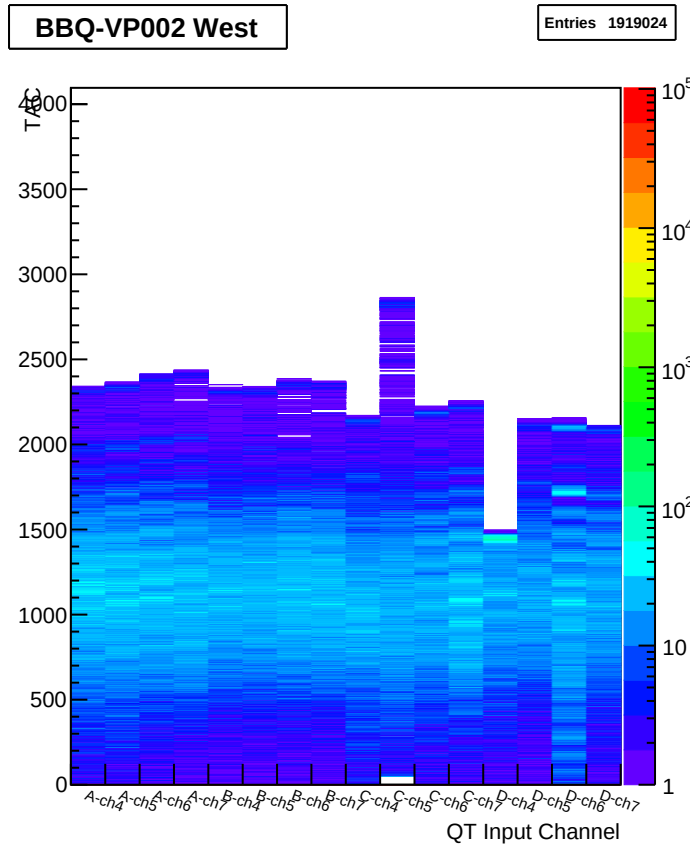

BBQ-ZD001 (ZDC TOWER)
Entries 1919024
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

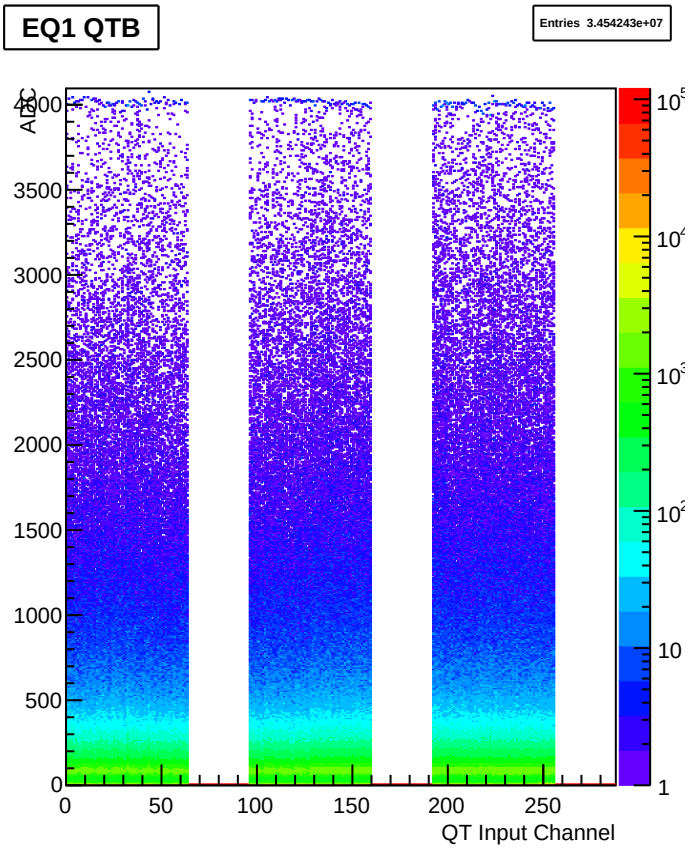

BBQ-ZD001 (ZDC TOWER)
Entries 1919024
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

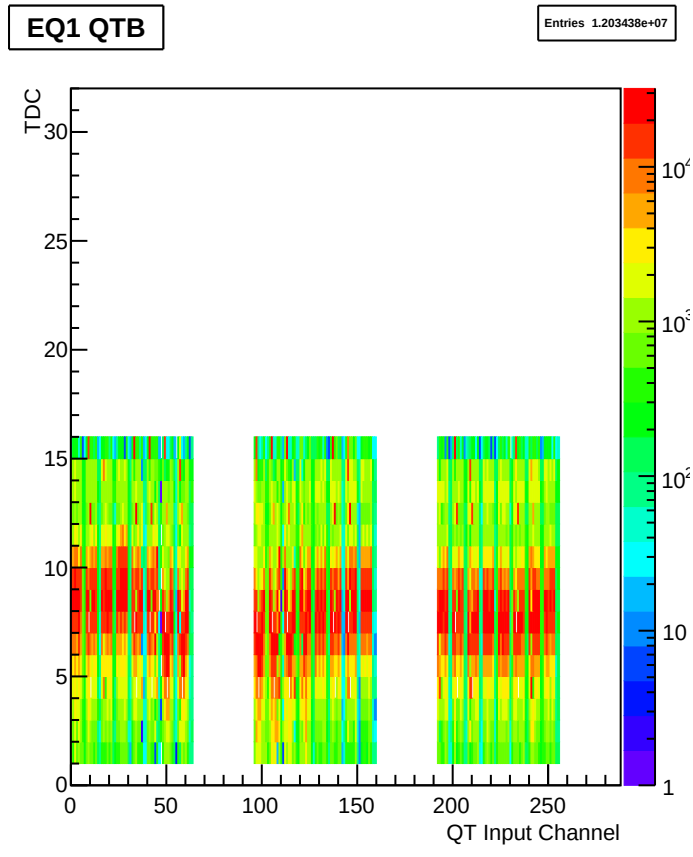

BBQ-VP001 East
Entries 1919024
ADC
QT Input Channel

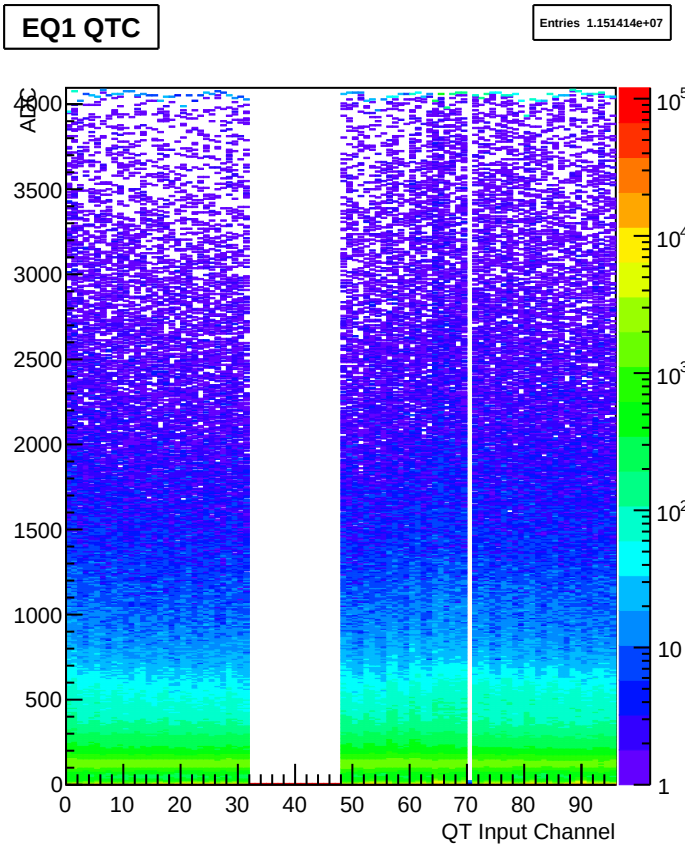

BBQ-VP001 East
Entries 1919024
TAC
QT Input Channel

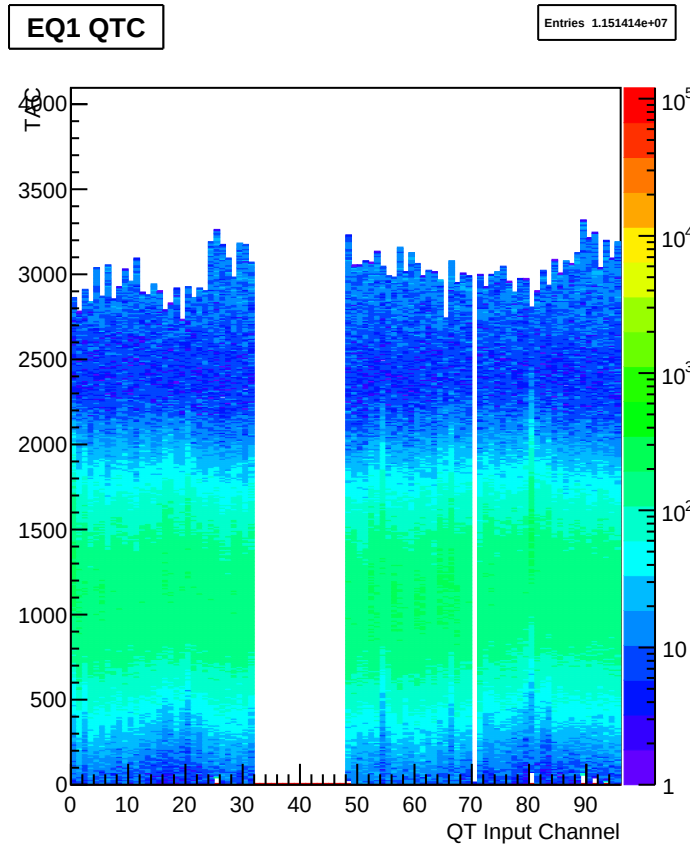

BBQ-VP002 West
Entries 1919024
ADC
QT Input Channel

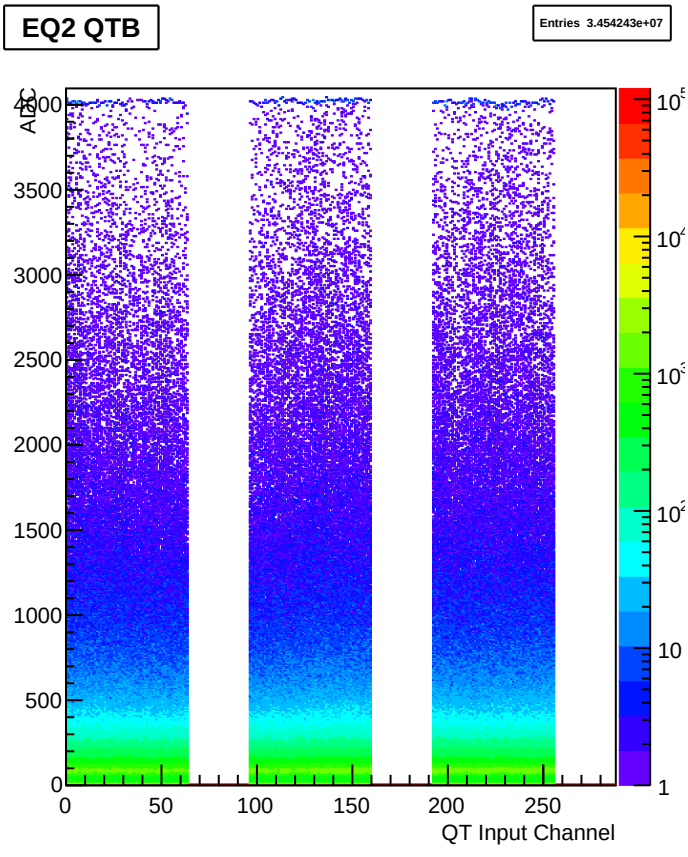

BBQ-VP002 West
Entries 1919024
TAC
QT Input Channel

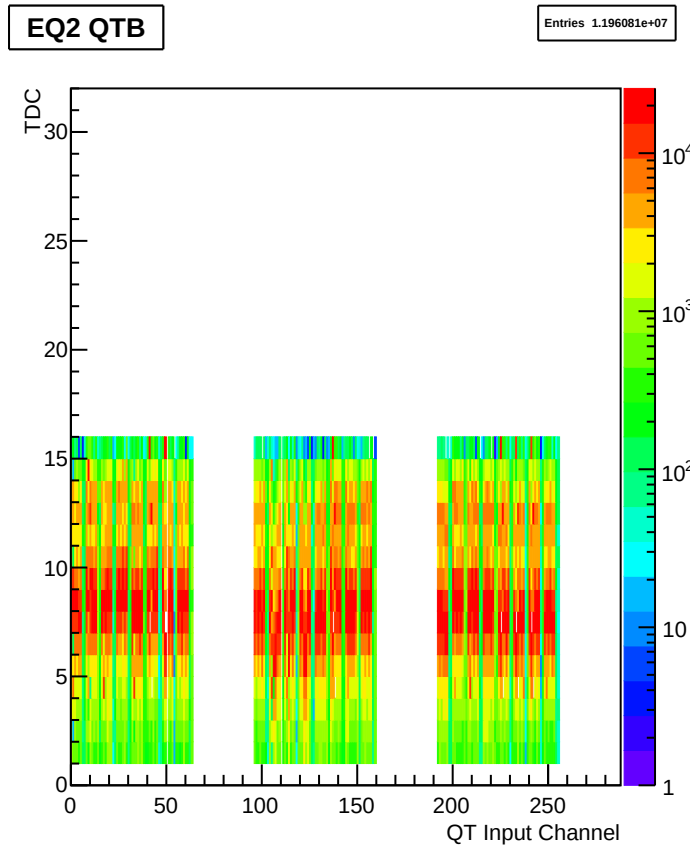

EQ1 QTB
Entries 3.454243e+07
ADC
QT Input Channel

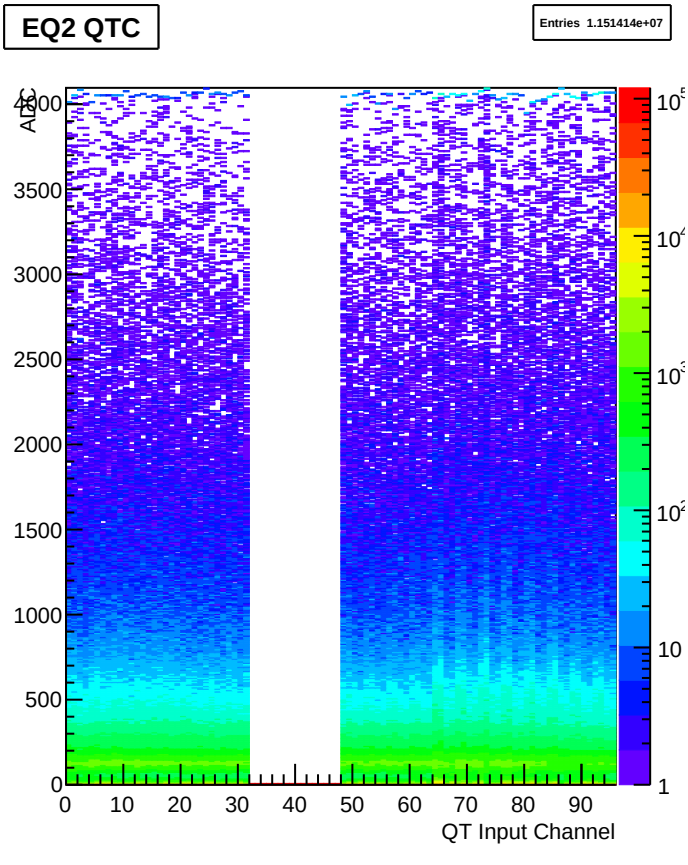

EQ1 QTB
Entries 1.203438e+07
TDC
QT Input Channel

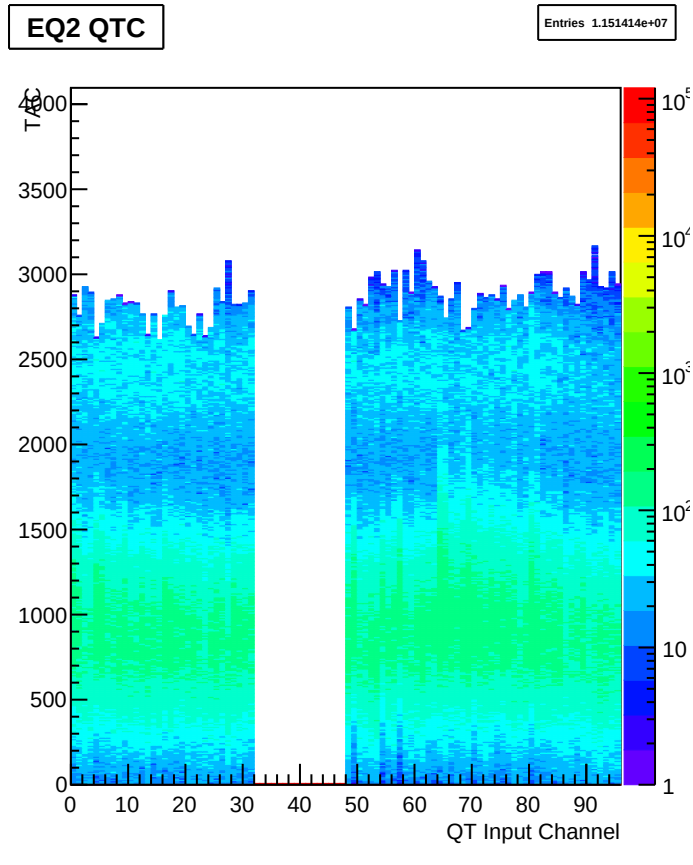

EQ1 QTC
Entries 1.151414e+07
ADC
QT Input Channel

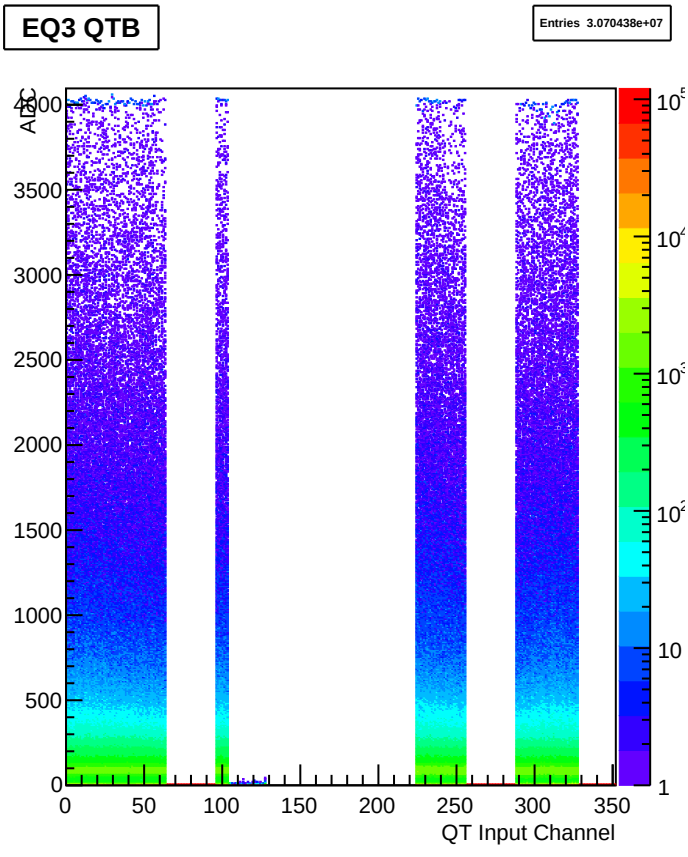

EQ1 QTC
Entries 1.151414e+07
TADC
QT Input Channel

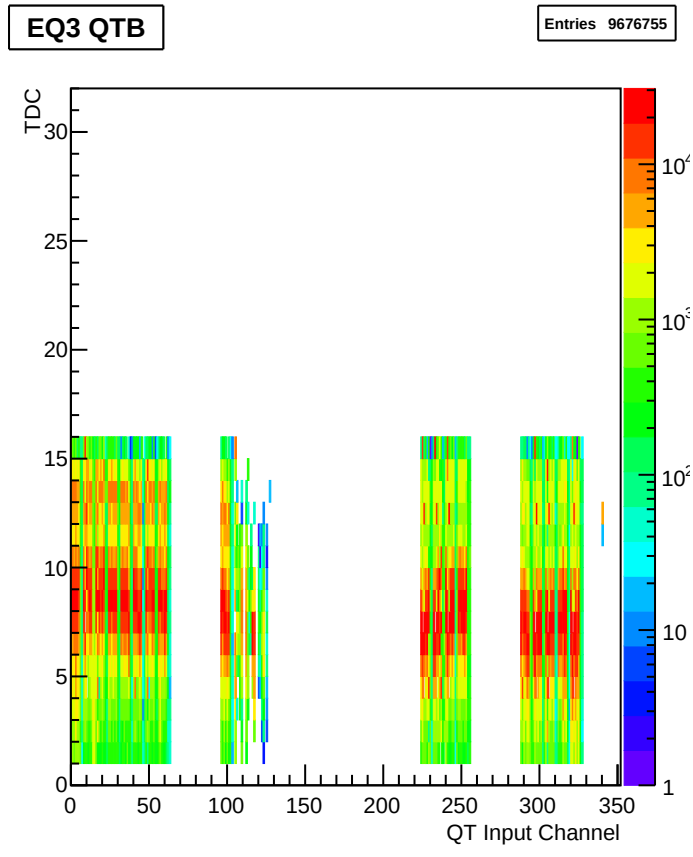

EQ2 QTB
Entries 3.454243e+07
ADC
QT Input Channel

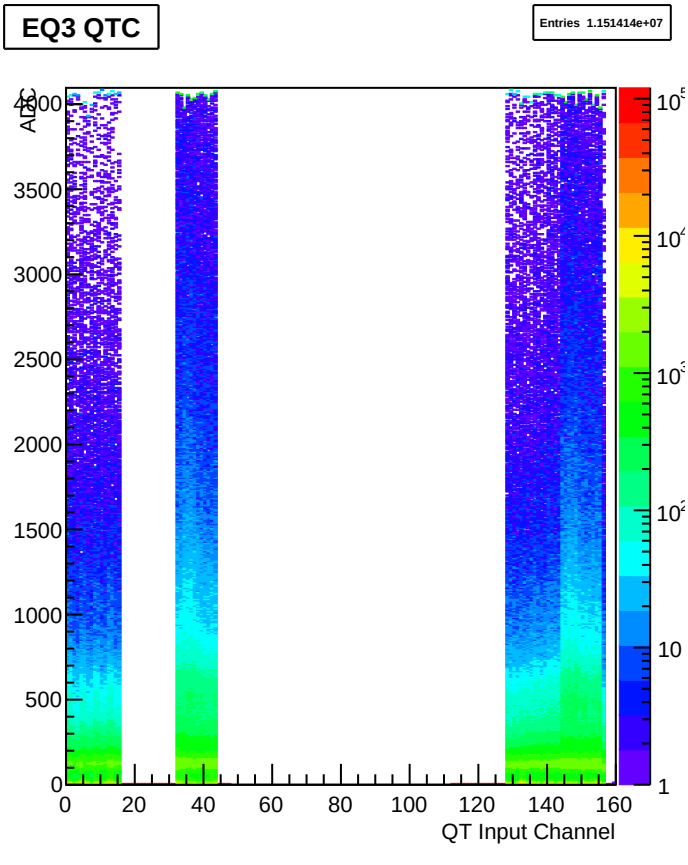

EQ2 QTB
Entries 1.196081e+07
TDC
QT Input Channel

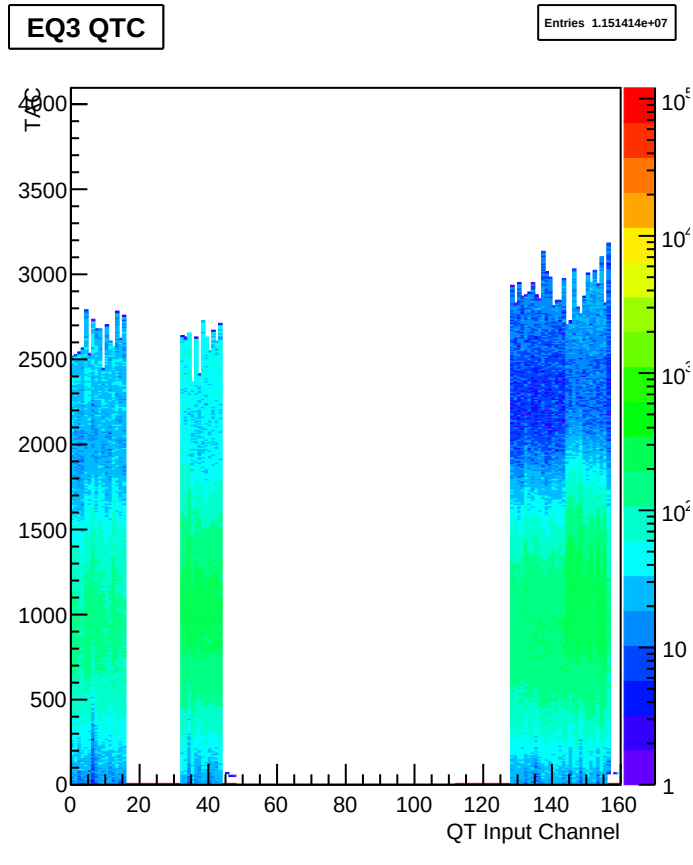

EQ2 QTC
Entries 1.151414e+07
ADC
QT Input Channel

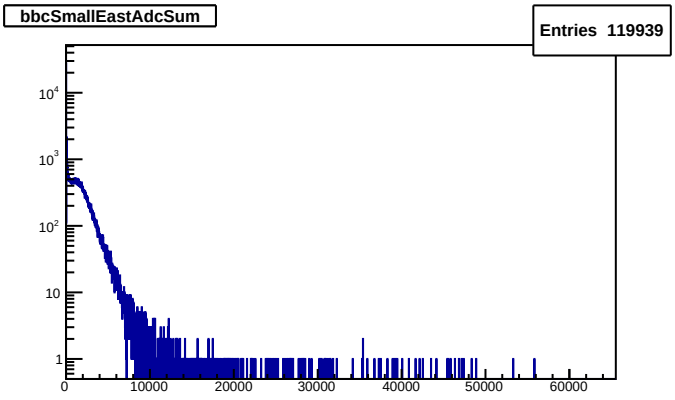

EQ2 QTC
Entries 1.151414e+07
TADC
QT Input Channel

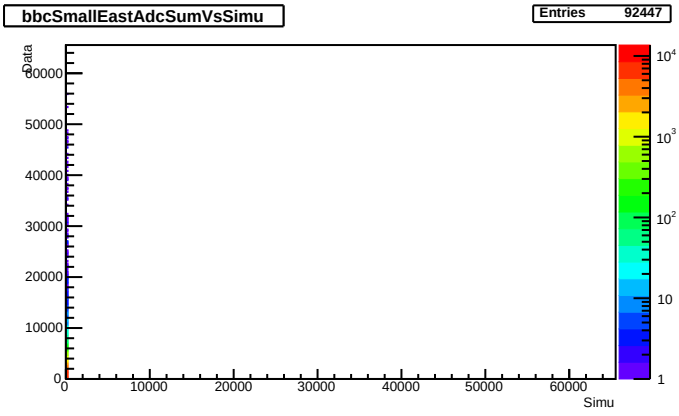

EQ3 QTB
Entries 3.070438e+07
ADC
QT Input Channel

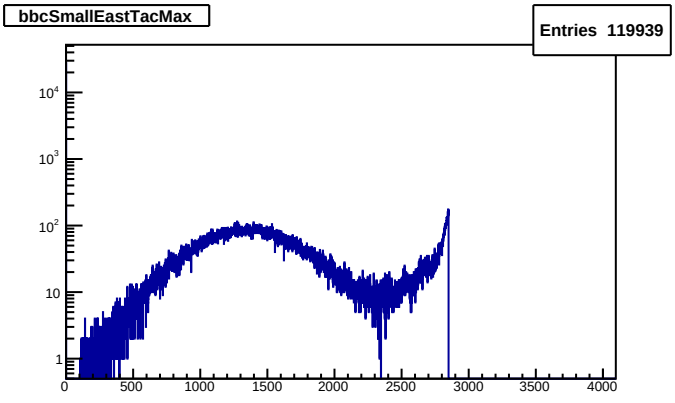

EQ3 QTB
Entries 9676755
TDC
QT Input Channel

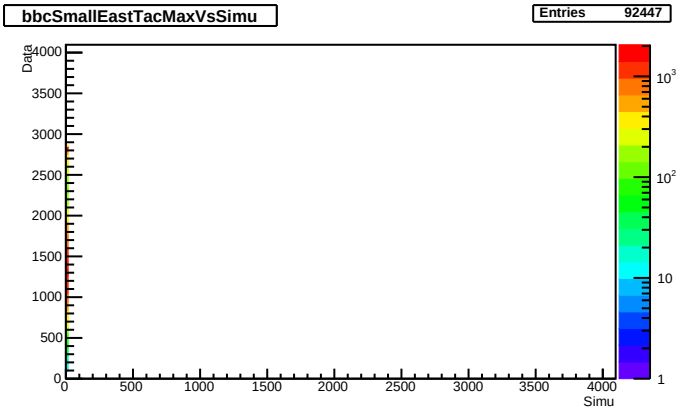

EQ3 QTC
Entries 1.151414e+07
ADC
QT Input Channel

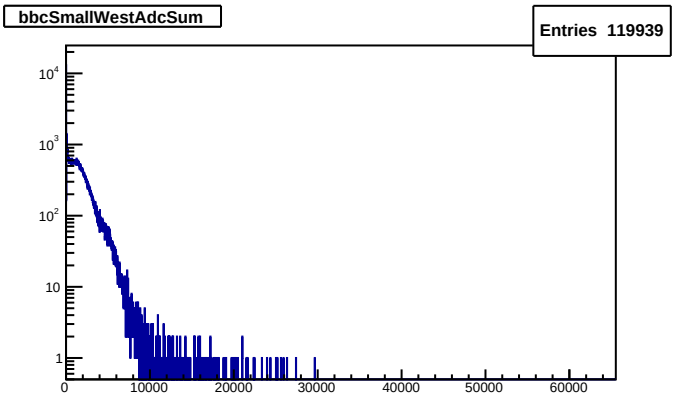

EQ3 QTC
Entries 1.151414e+07
TADC
QT Input Channel

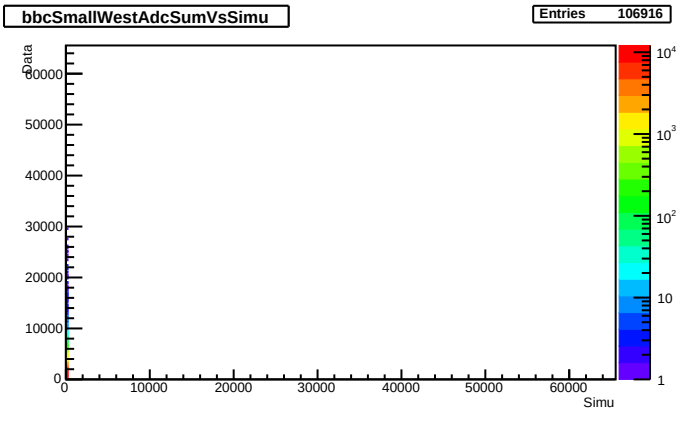

bbcSmallEastAdcSum
Entries 119939

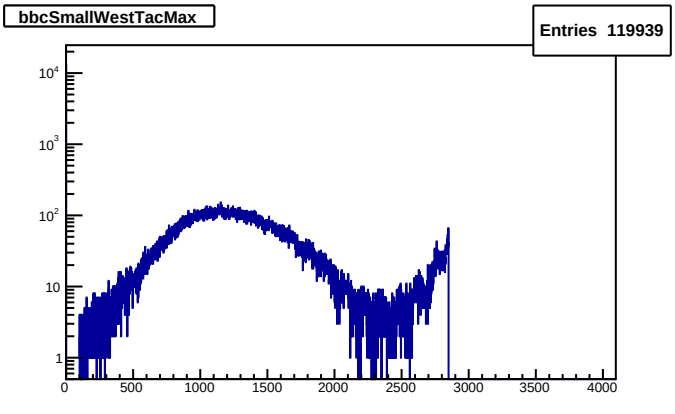

bbcSmallEastAdcSumVsSimu
Entries 92447
Data
Simu

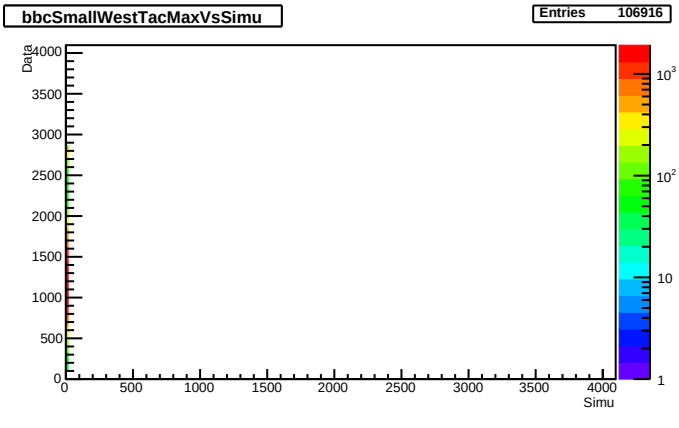

bbcSmallEastTacMax
Entries 119939

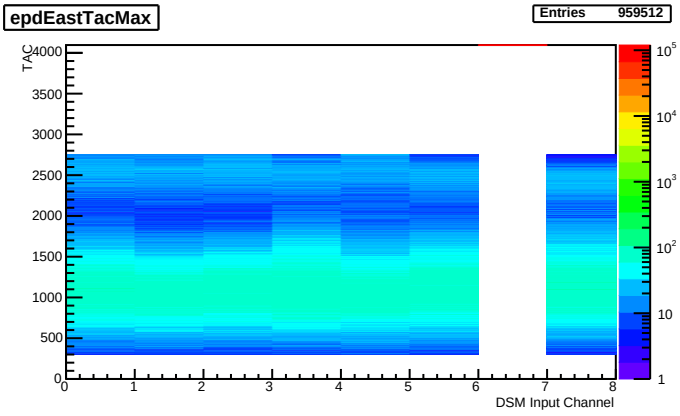

bbcSmallEastTacMaxVsSimu
Entries 92447
Data
Simu

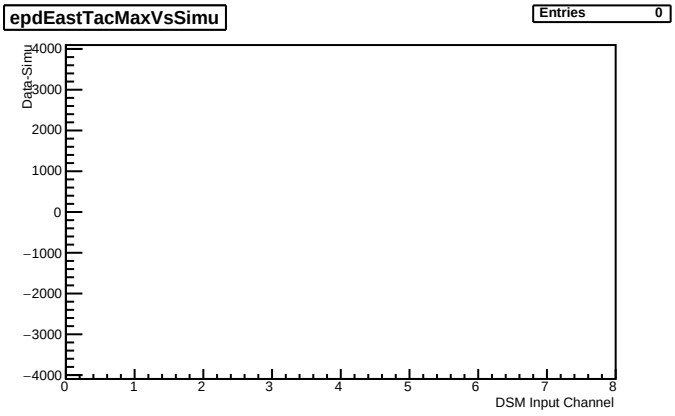

bbcSmallWestAdcSum
Entries 119939

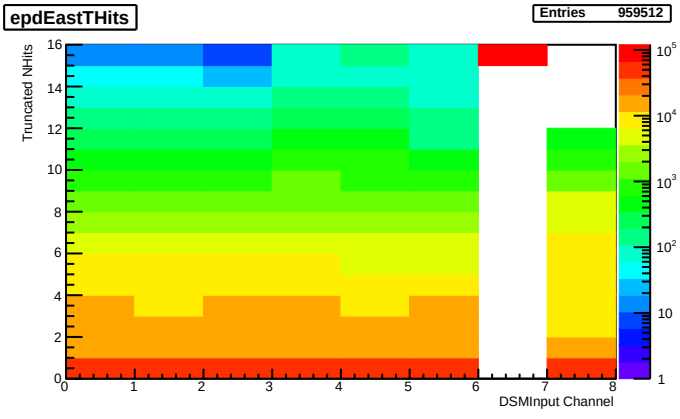

bbcSmallWestAdcSumVsSimu
Entries 106916
Data
Simu

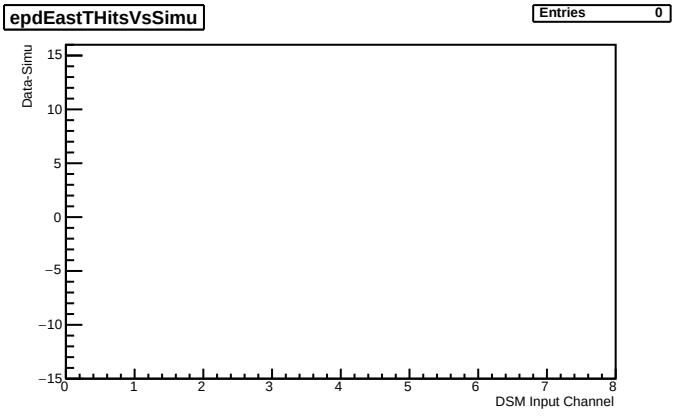

bbcSmallWestTacMax
Entries 119939

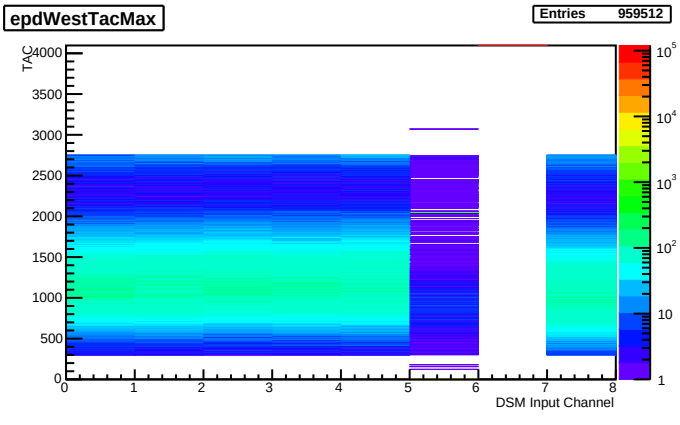

bbcSmallWestTacMaxVsSimu
Entries 106916
Data
Simu

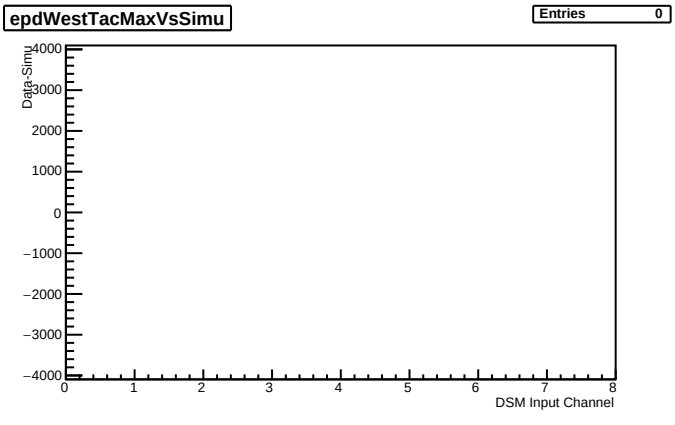

epdEastTacMax
Entries 959512
TAC
DSM Input Channel

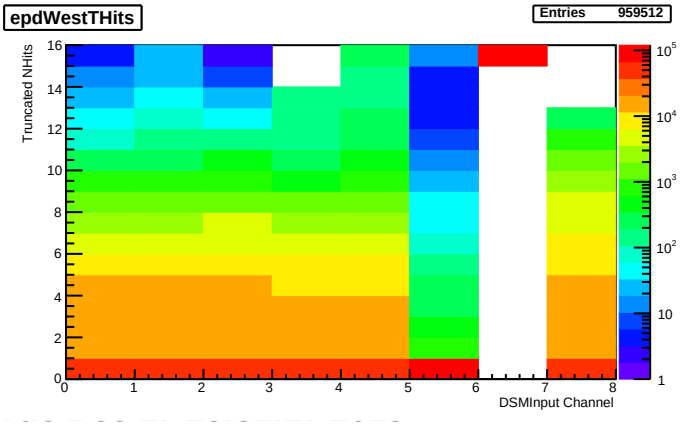

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

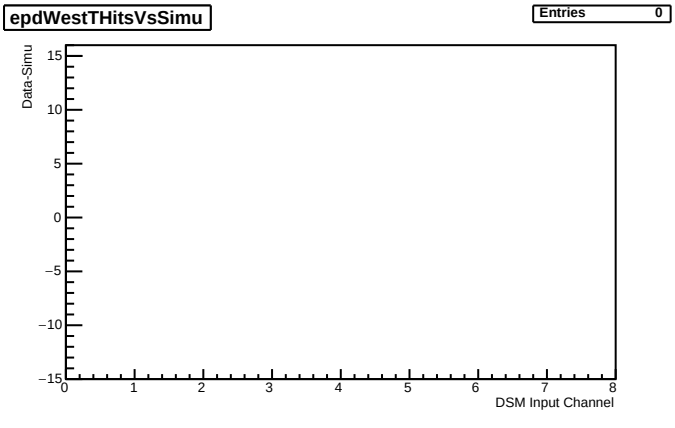

epdEastTHits
Entries 959512
Truncated NHits
DSMInput Channel

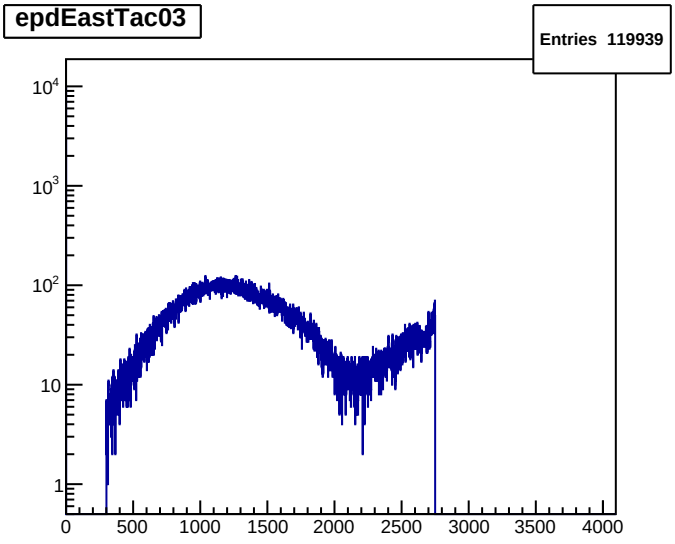

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

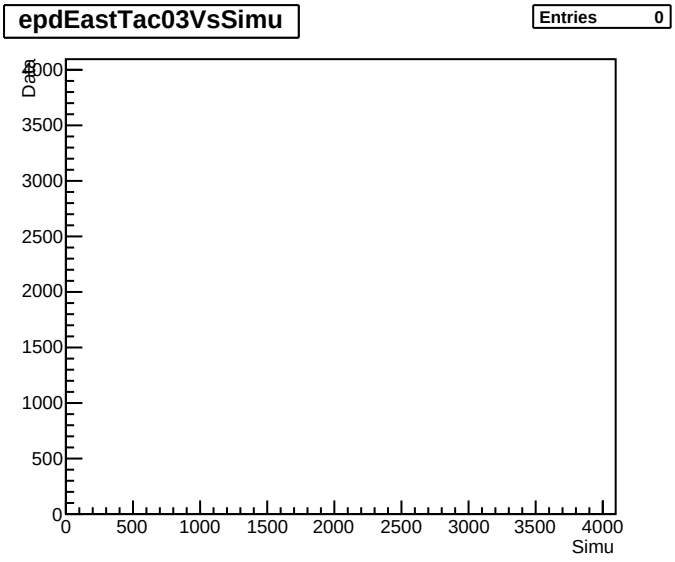

epdWestTacMax
Entries 959512
TAC
DSM Input Channel

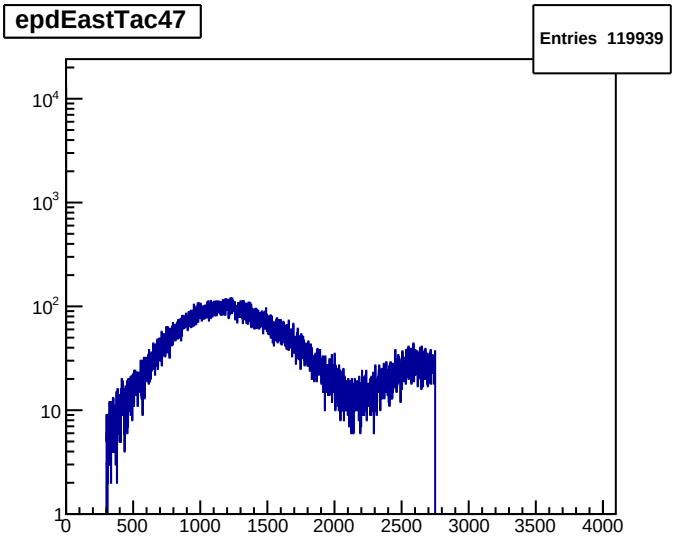

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

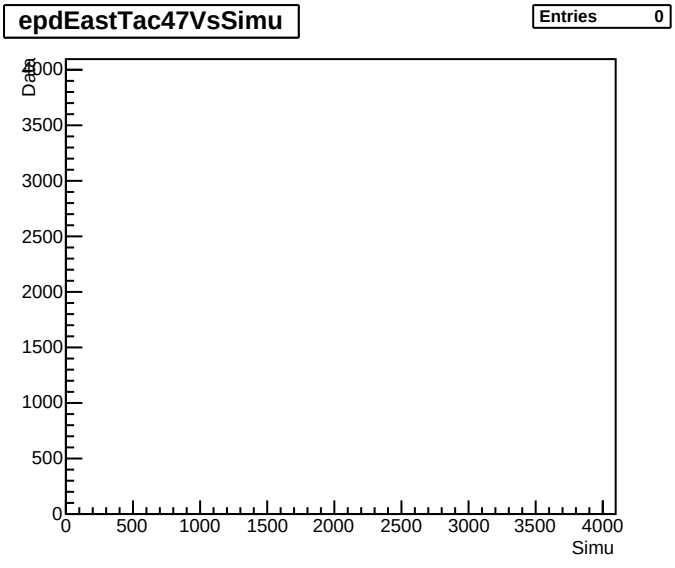

epdWestTHits
Entries 959512
Truncated NHits
DSMInput Channel

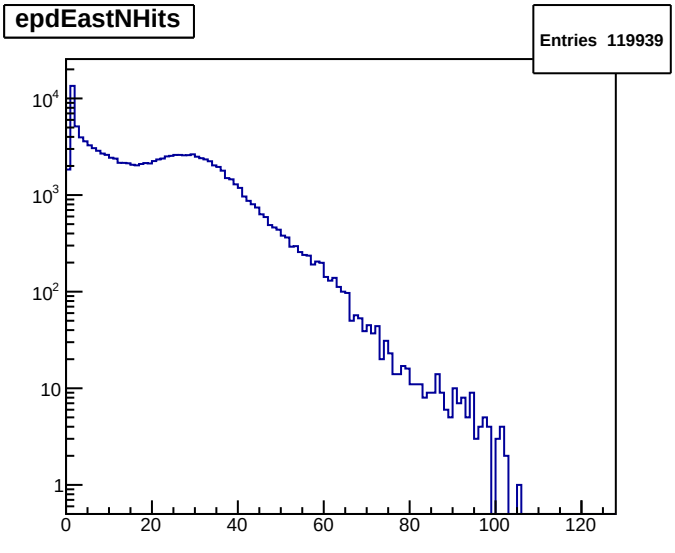

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

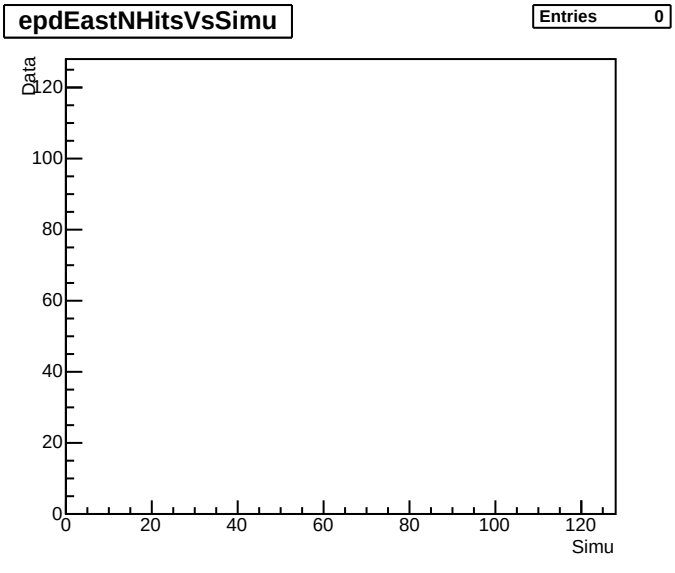

epdEastTac03
Entries 119939


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 119939


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 119939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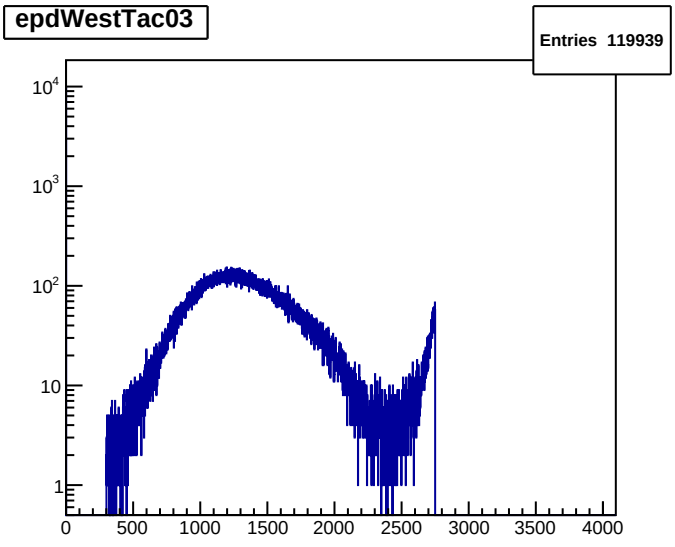
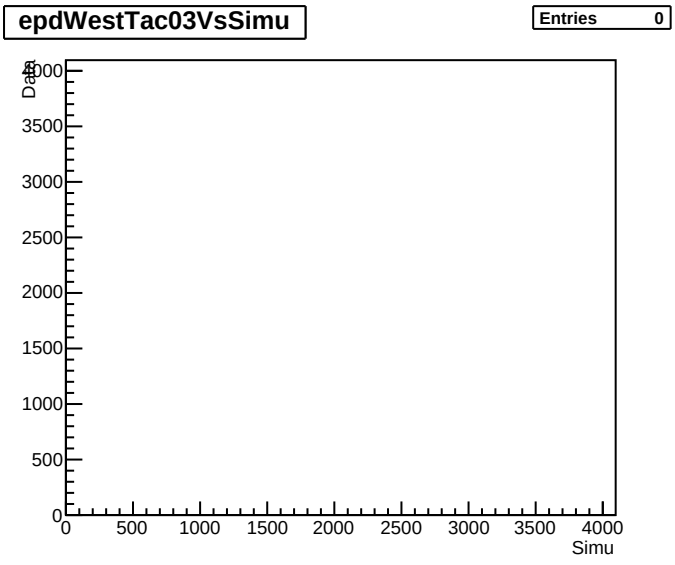
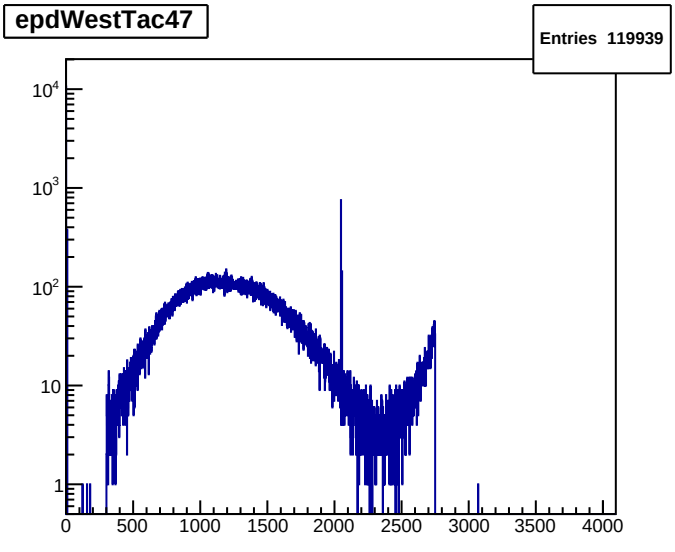
Entries 0
Data
Simu


epdWestTac03
Entries 119939


epdWestTac03VsSimu
Entries 0
Data
Simu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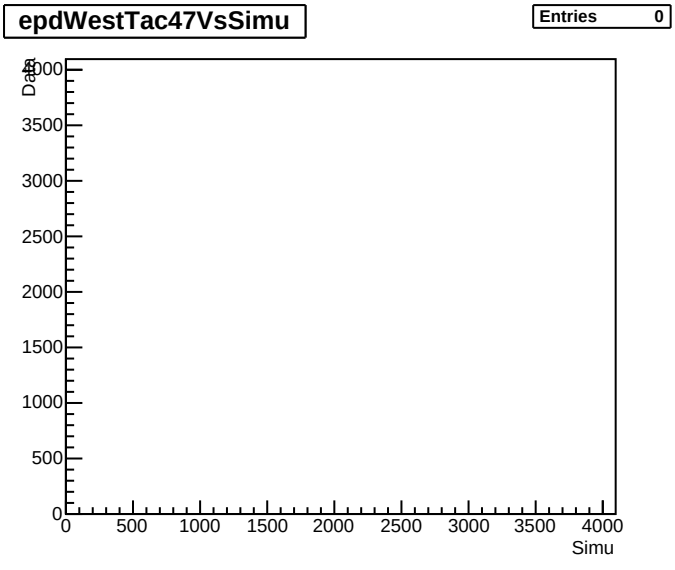
Entries 119939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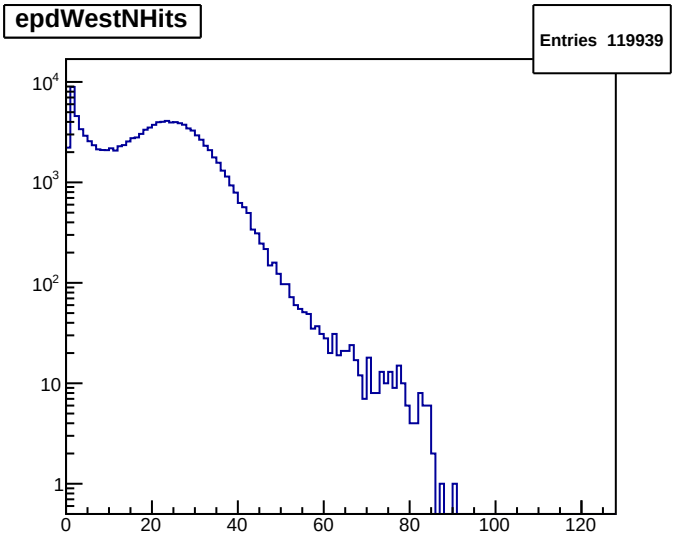
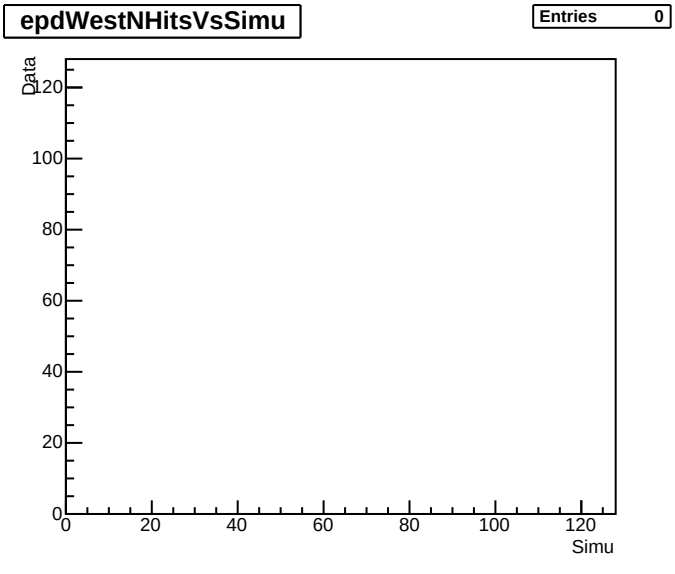
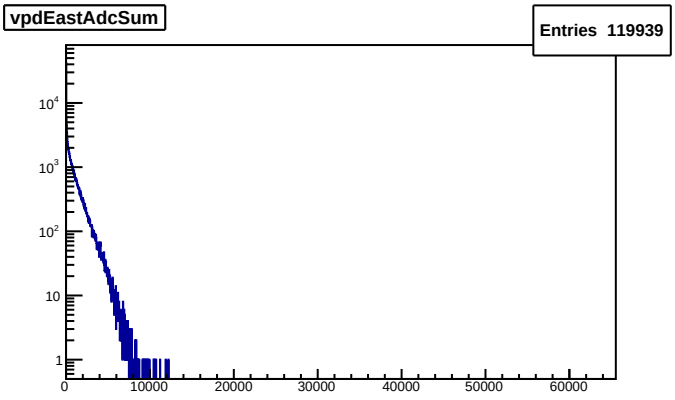
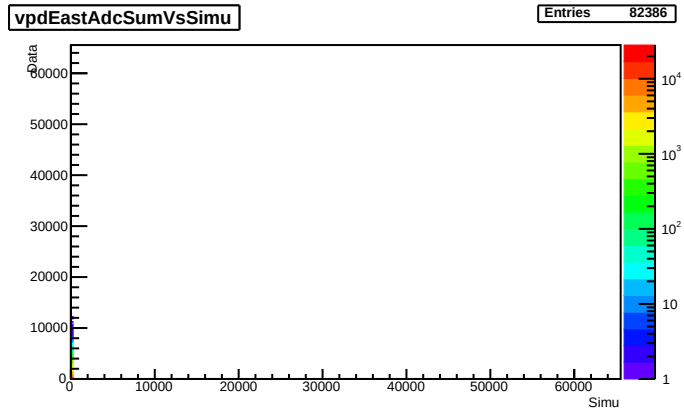
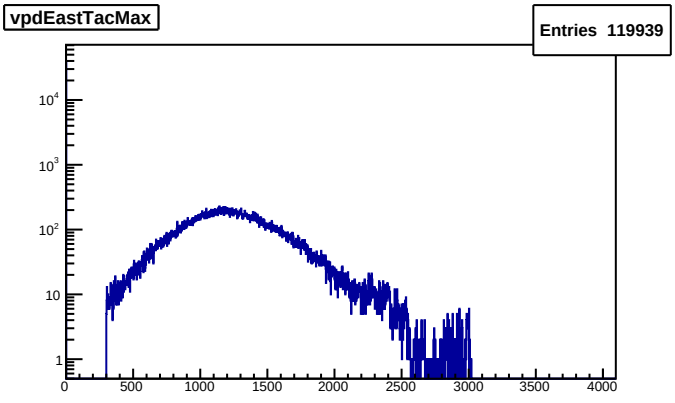
Entries 0
Data
Simu

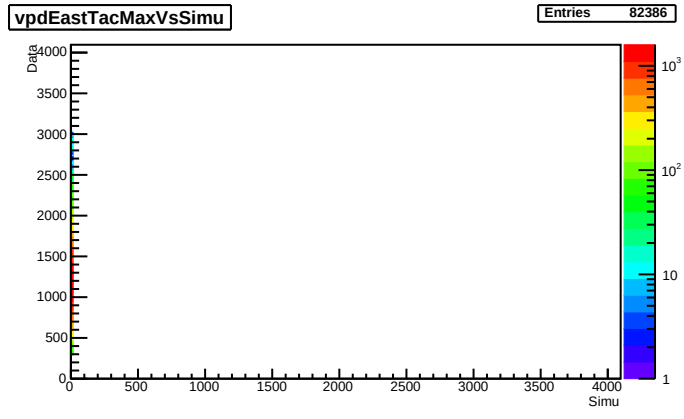

epdWestNHits
Entries 119939

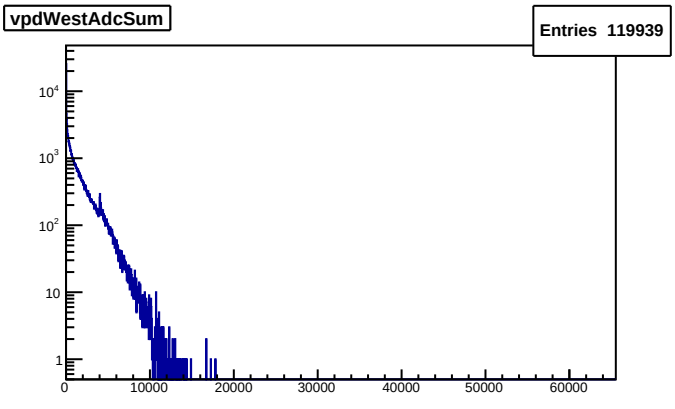

epdWestNHitsVsSimu
Entries 0
Data
Simu

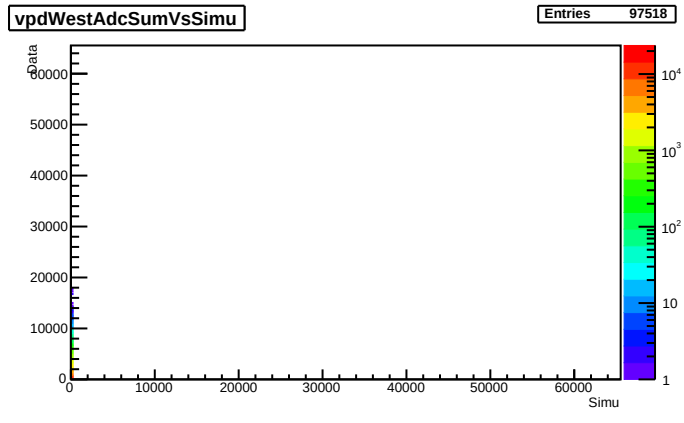

vpdEastAdcSum
Entries 119939

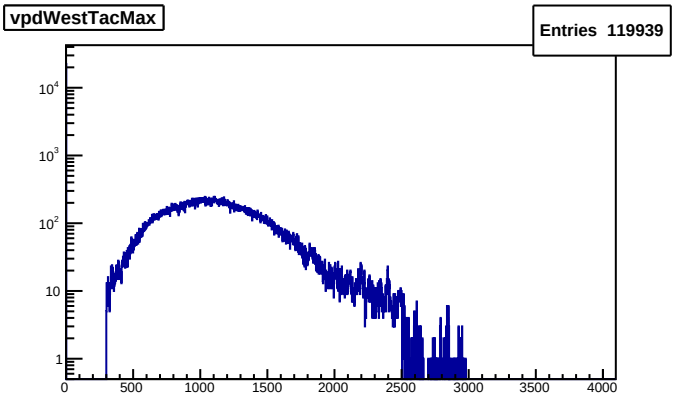

vpdEastAdcSumVsSimu
Entries 82386
Data
Simu

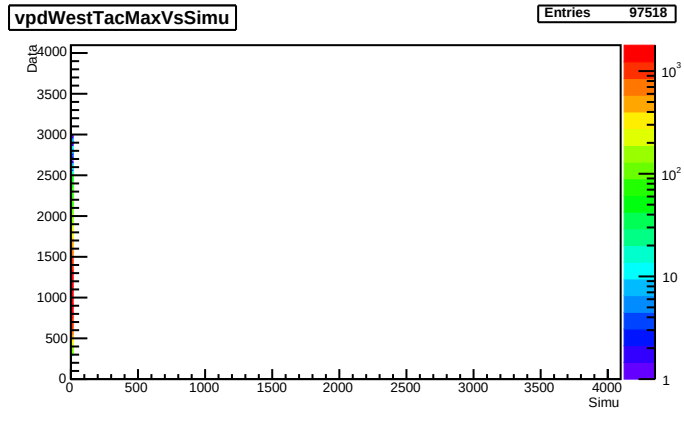

vpdEastTacMax
Entries 119939

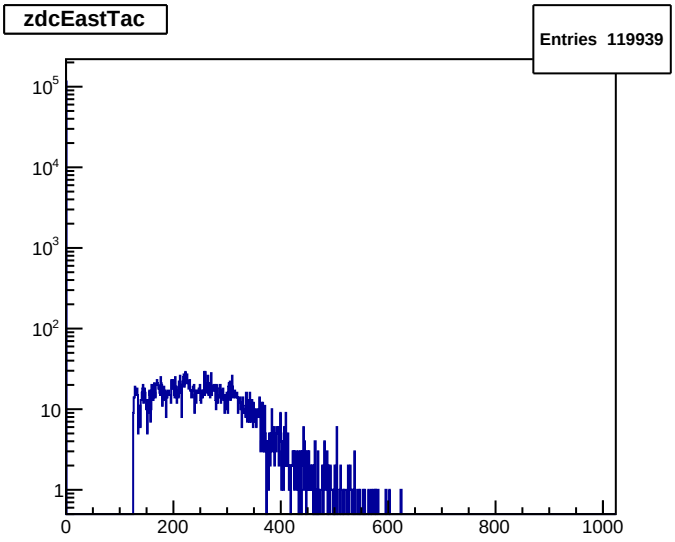

vpdEastTacMaxVsSimu
Entries 82386
Data
Simu

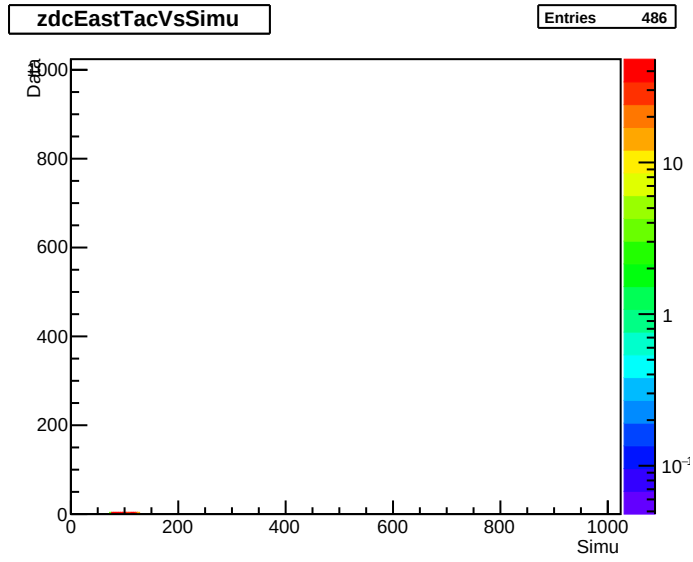

vpdWestAdcSum
Entries 119939

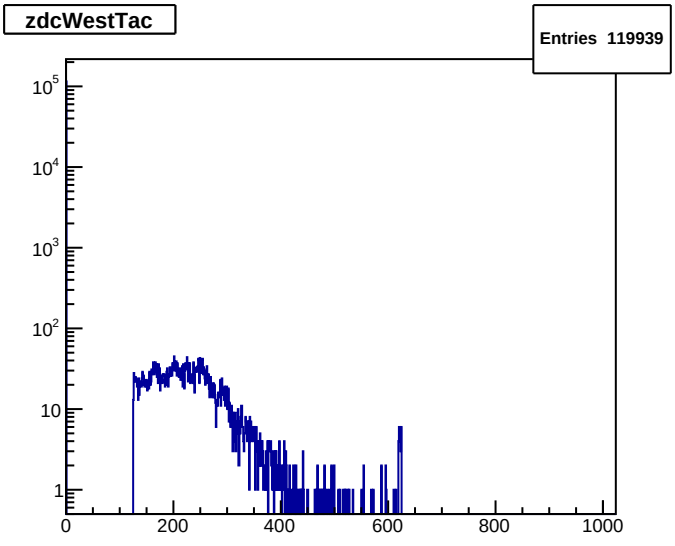

vpdWestAdcSumVsSimu
Entries 97518
Data
Simu

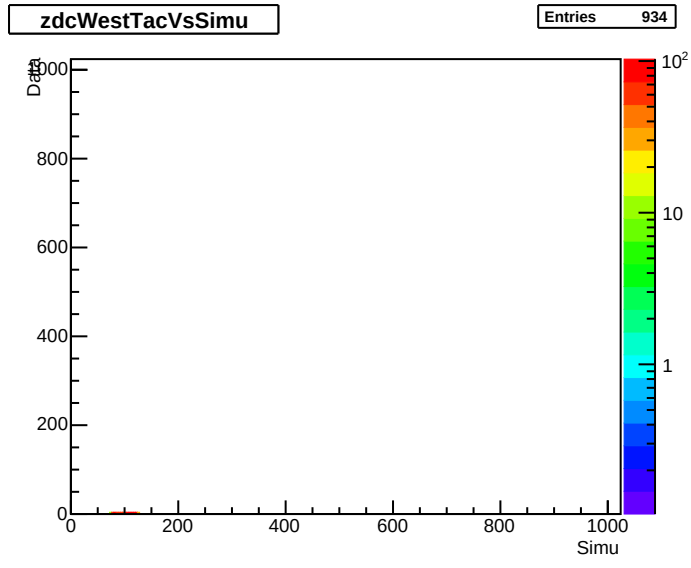

vpdWestTacMax
Entries 119939

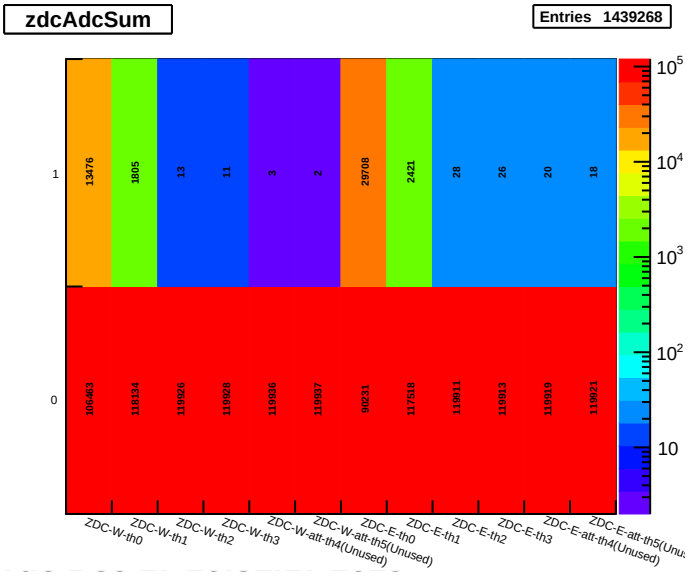

vpdWestTacMaxVsSimu
Entries 97518
Data
Simu

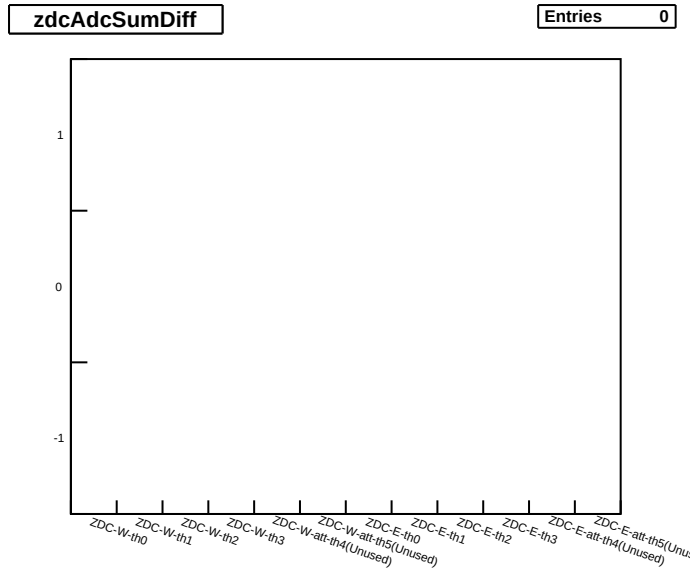

zdcEastTac
Entries 119939

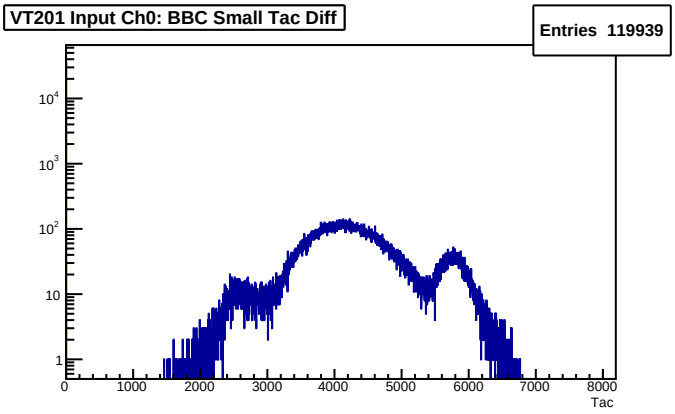

zdcEastTacVsSimu
Entries 486
Data
Simu

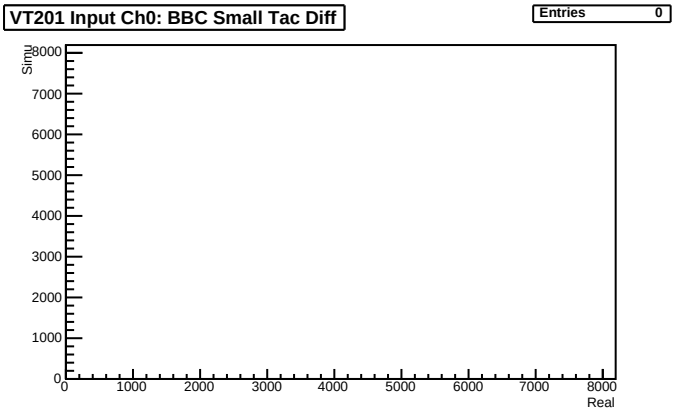

zdcWestTac
Entries 119939

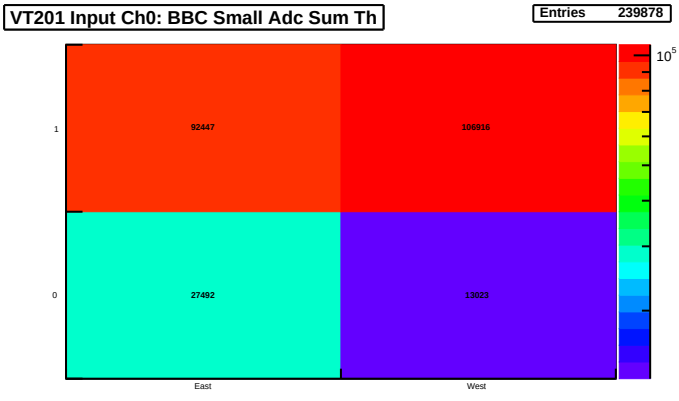

zdcWestTacVsSimu
Entries 934
Data
Simu

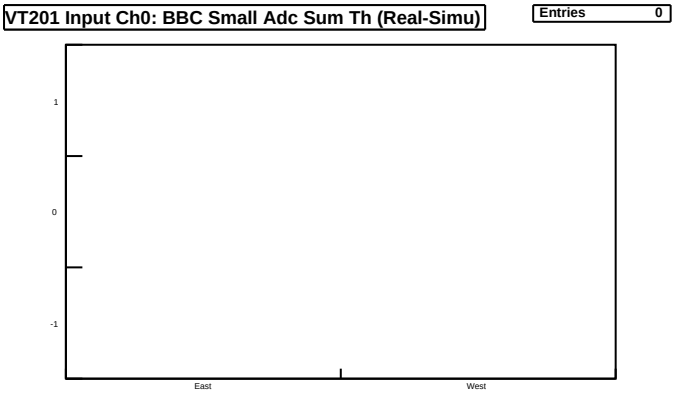

zdcAdcSum
Entries 1439268
13476
1805
13
11
3
2
29708
2421
28
26
20
18
106463
118134
119926
119928
119936
119937
90231
117518
119911
119913
119919
119921
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

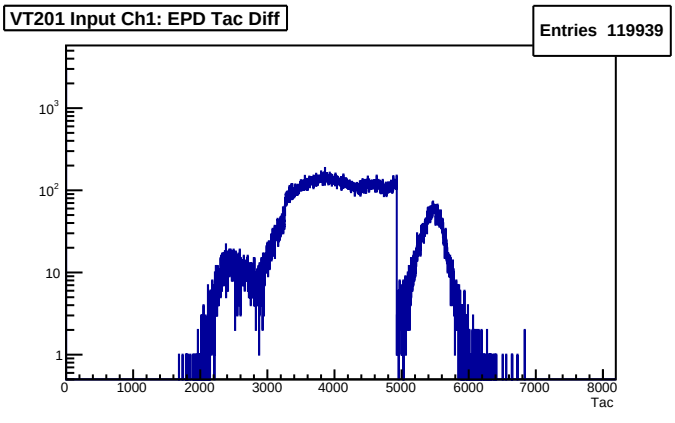

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

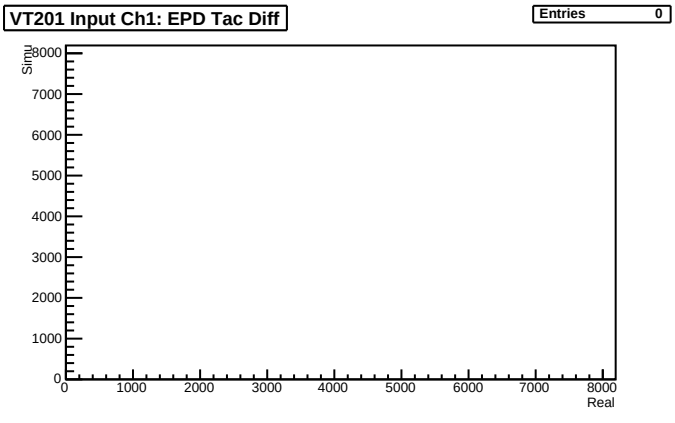

VT201 Input Ch0: BBC Small Tac Diff
Entries 119939
Tac

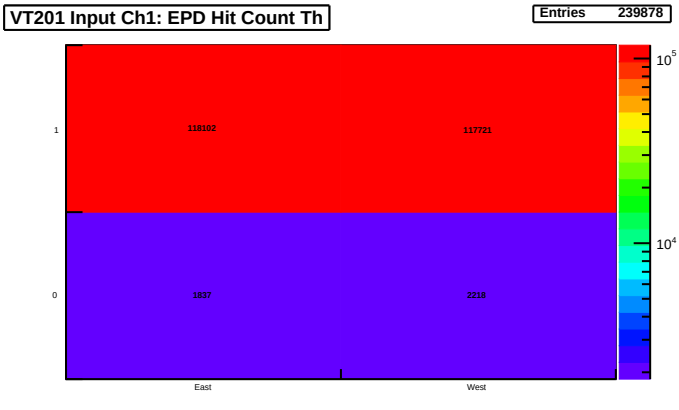

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

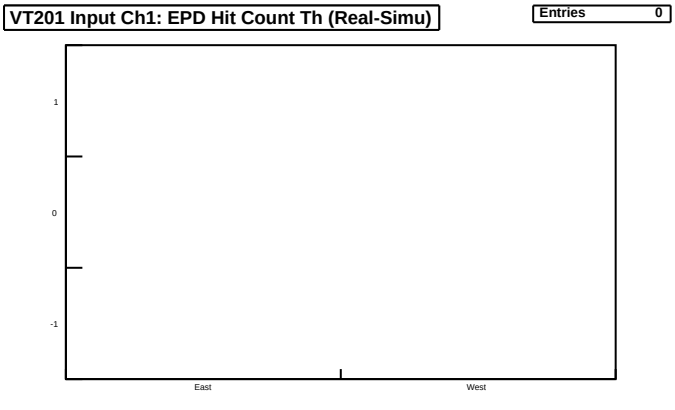

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 239878
92447
106916
27492
13023
East
West

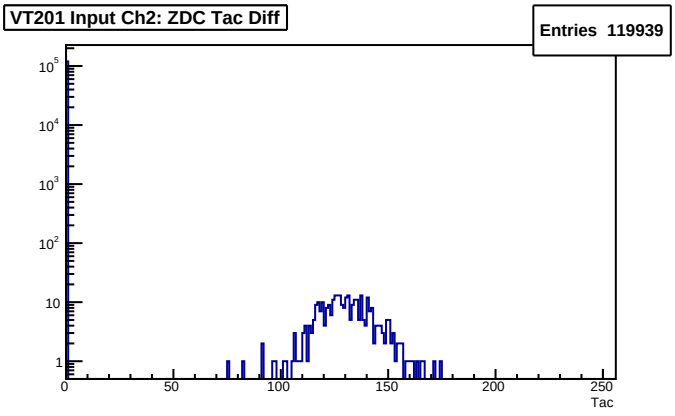

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

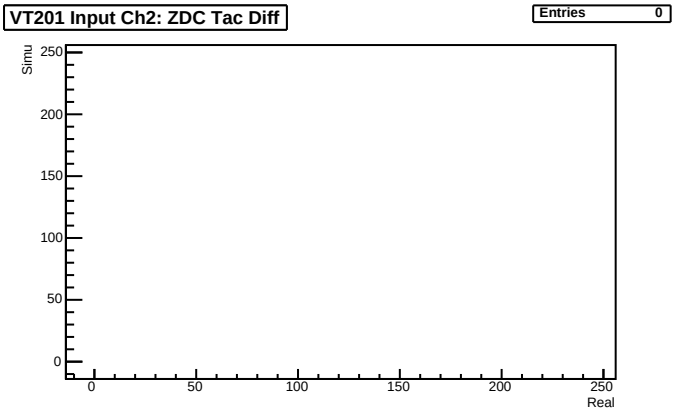

VT201 Input Ch1: EPD Tac Diff
Entries 119939
Tac

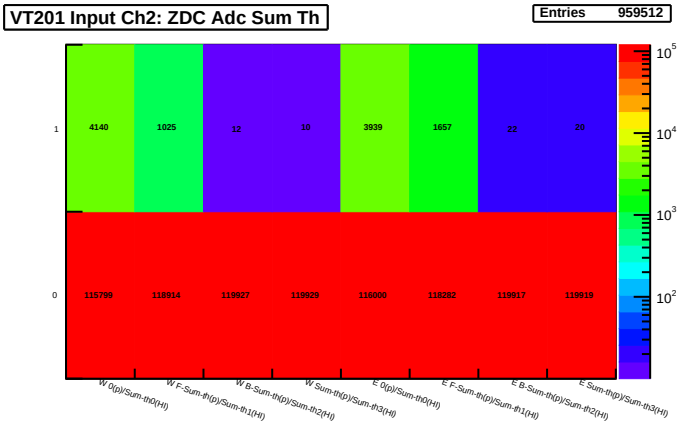

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

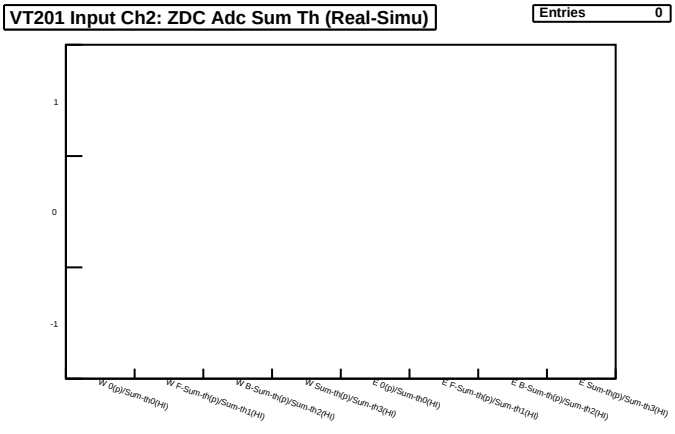

VT201 Input Ch1: EPD Hit Count Th
Entries 239878
118102
117721
1837
2218
East
West

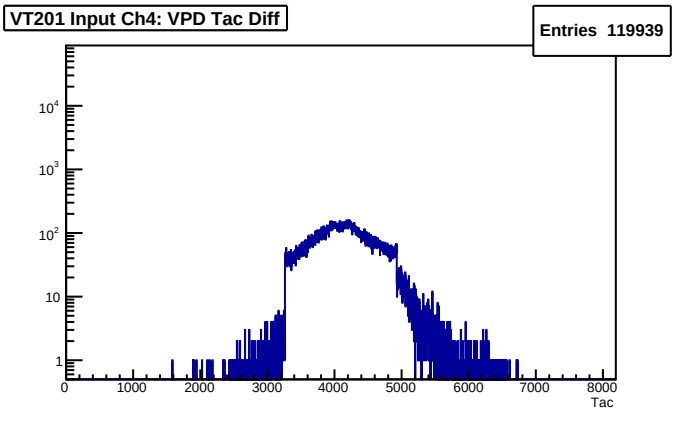

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

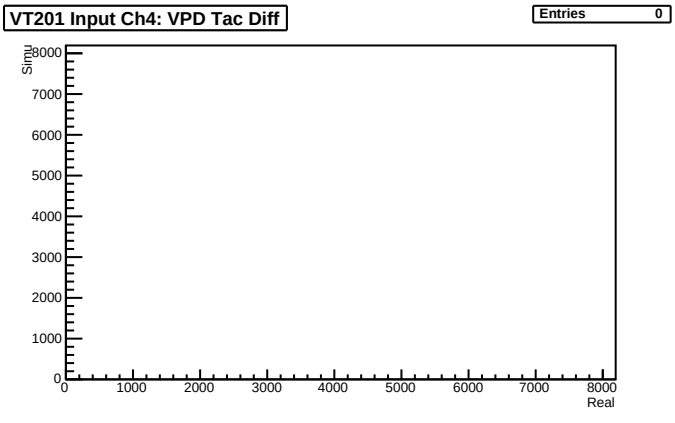

VT201 Input Ch2: ZDC Tac Diff
Entries 119939
Tac

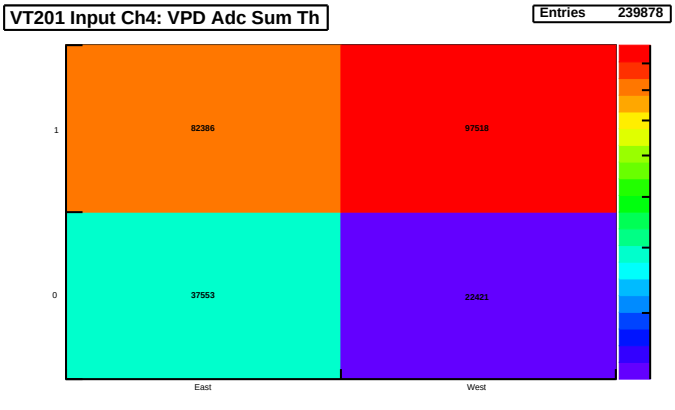

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

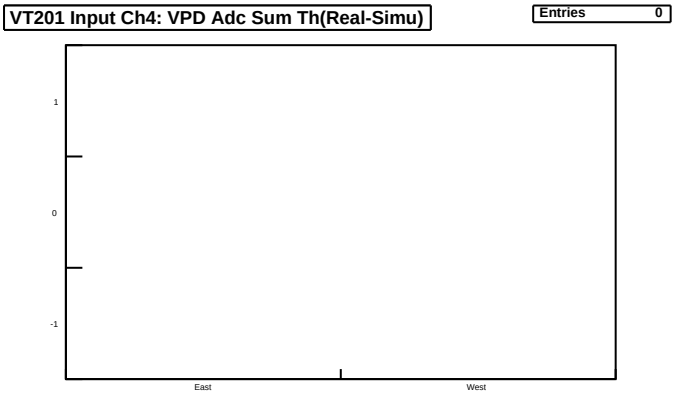

VT201 Input Ch2: ZDC Adc Sum Th
Entries 959512
4140
1025
12
10
3939
1657
22
20
115799
118914
119927
119929
116000
118282
119917
119919
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

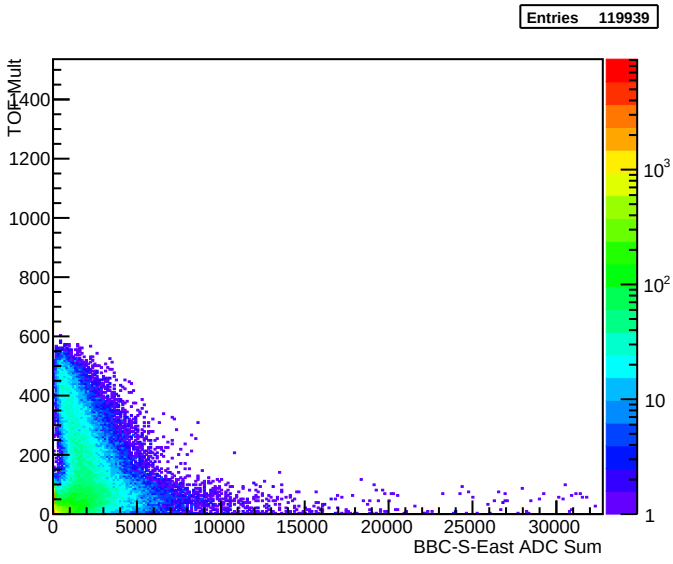

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

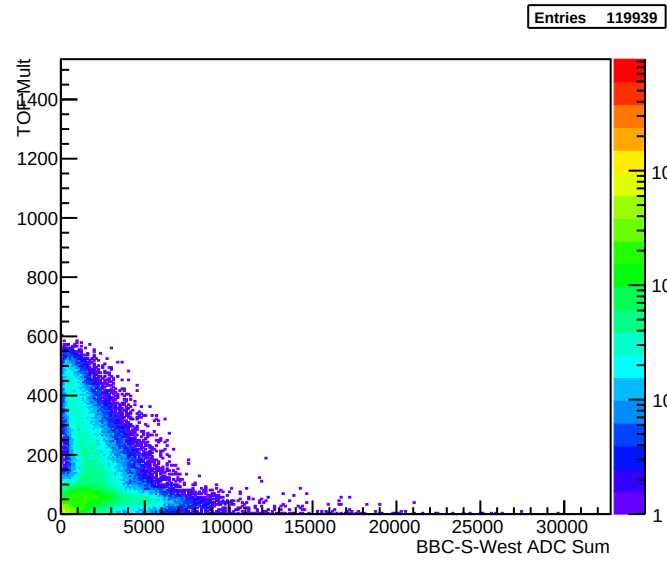

VT201 Input Ch4: VPD Tac Diff
Entries 119939
Tac

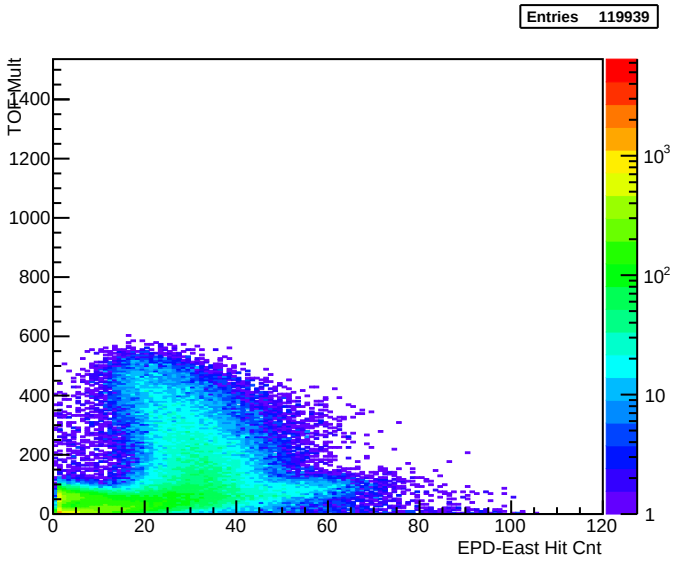

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

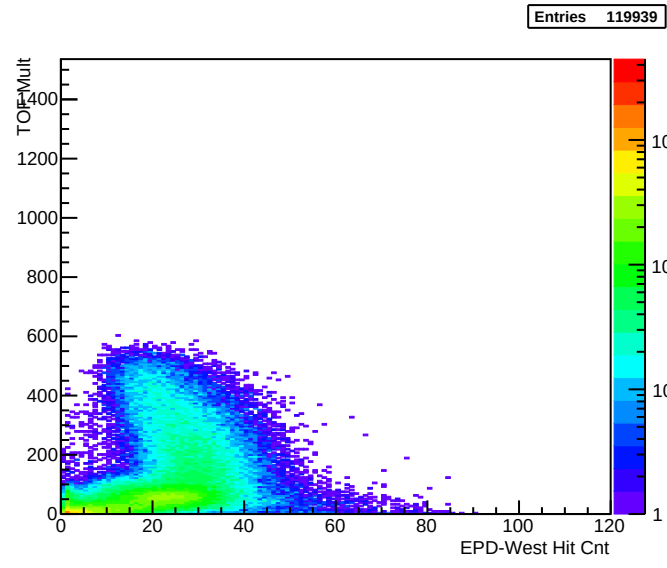

VT201 Input Ch4: VPD Adc Sum Th
Entries 239878
82386
97518
37553
22421
East
West

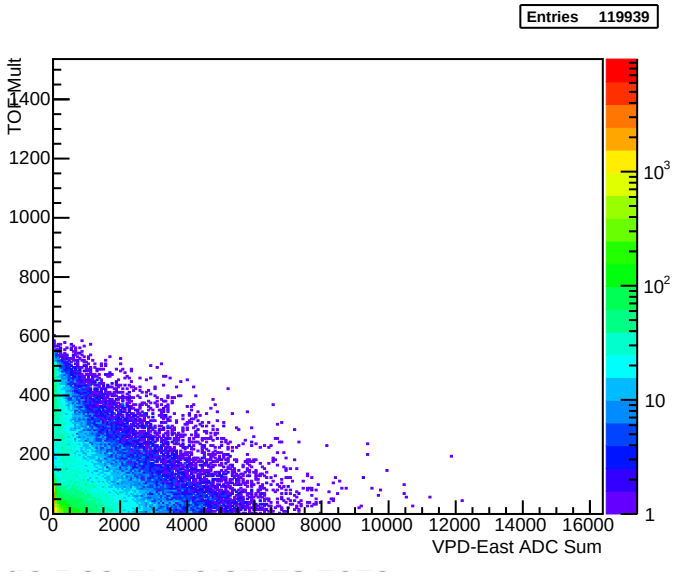

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

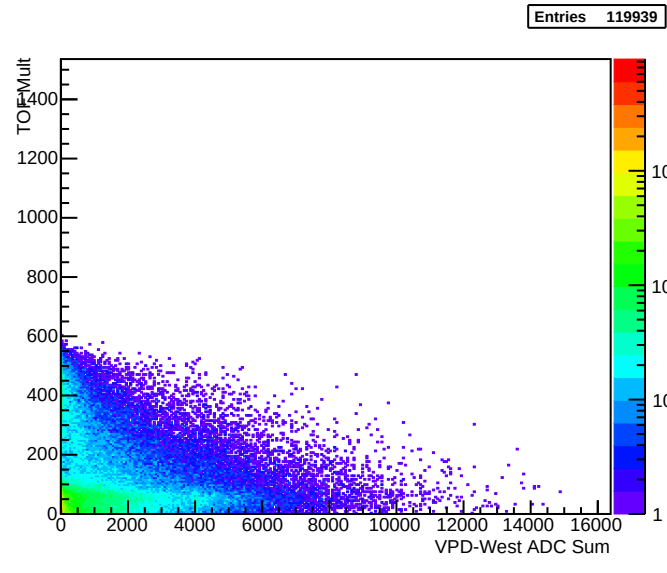

Entries 119939
TOF-Mult
BBC-S-East ADC Sum

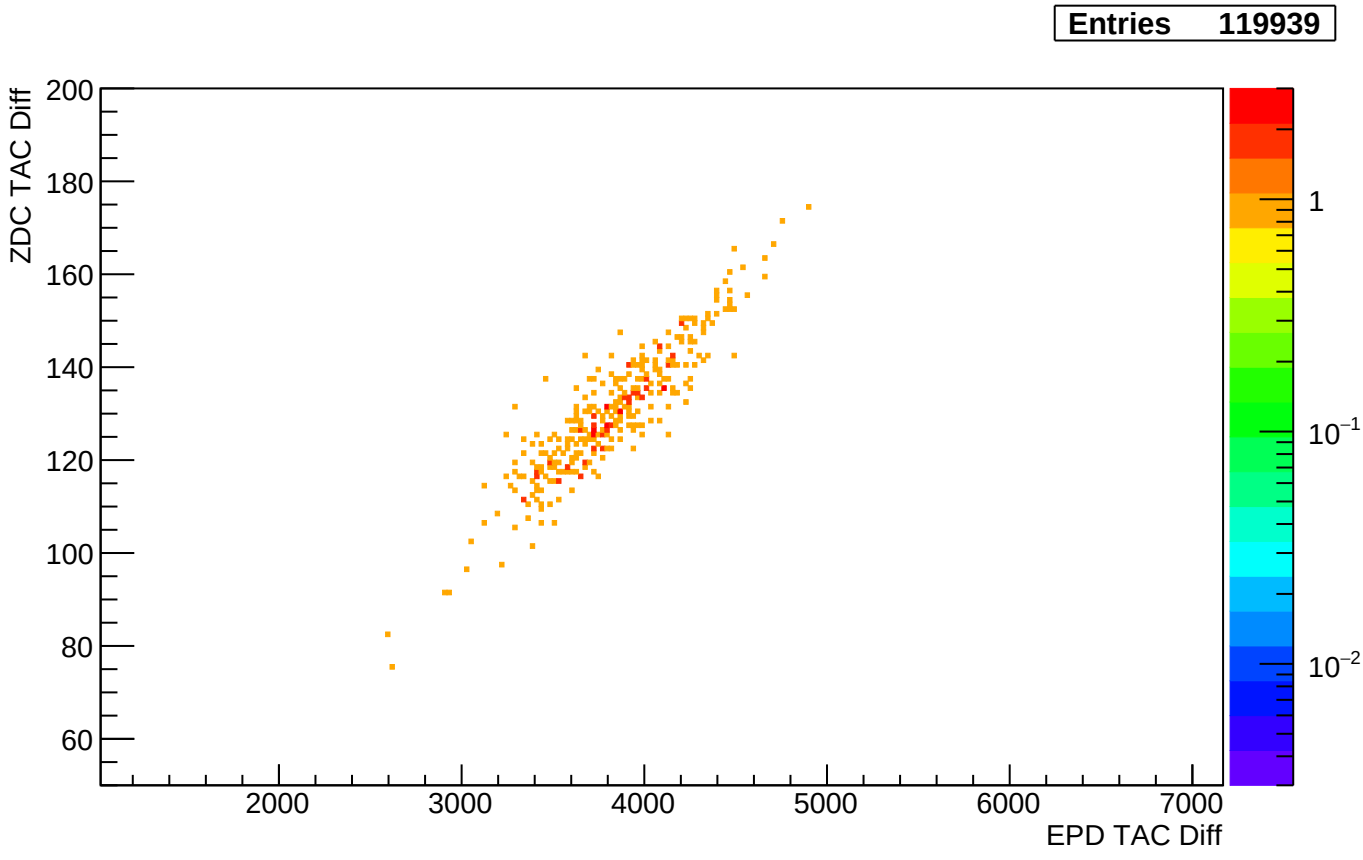

Entries 119939
TOF-Mult
BBC-S-West ADC Sum

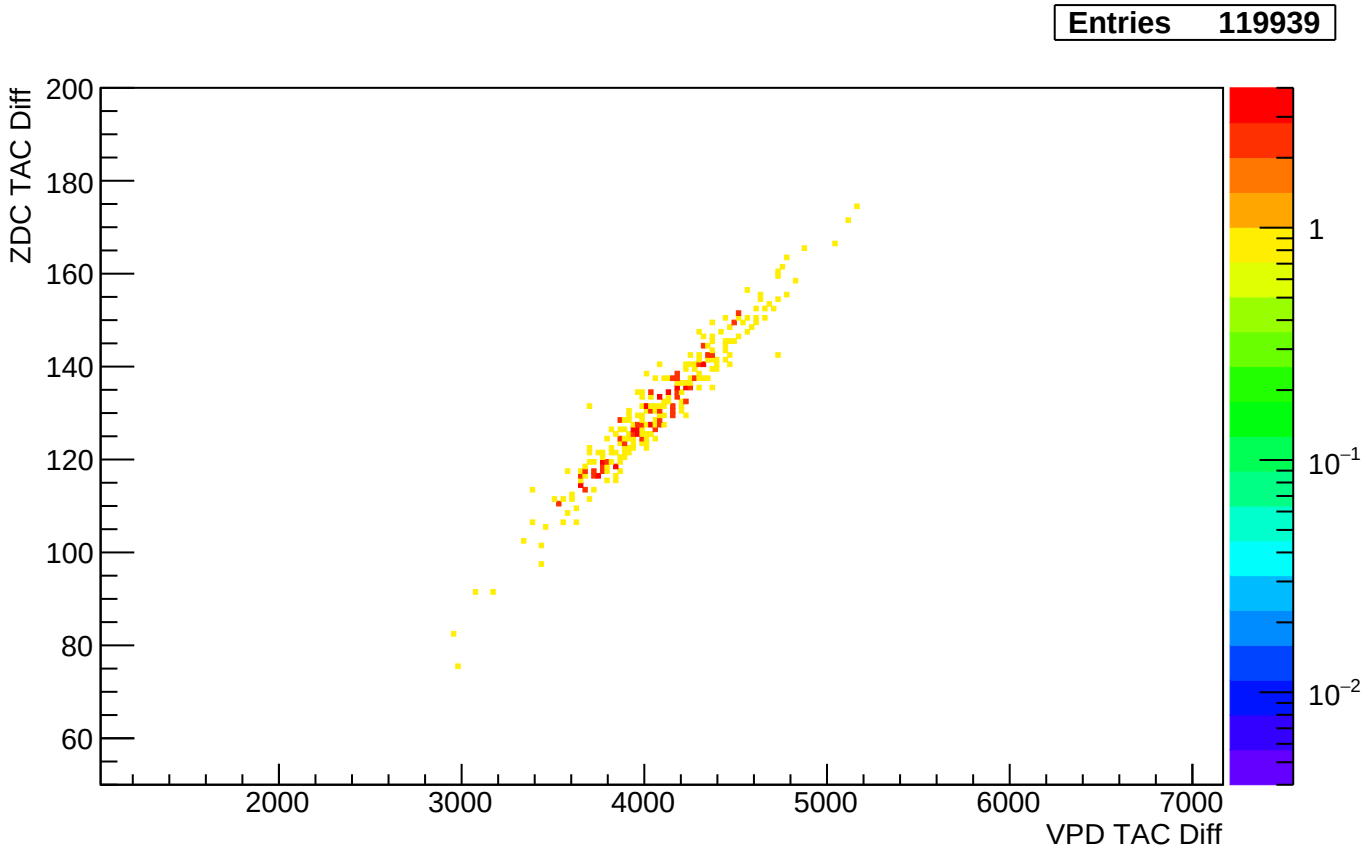

Entries 119939
TOF-Mult
EPD-East Hit Cnt

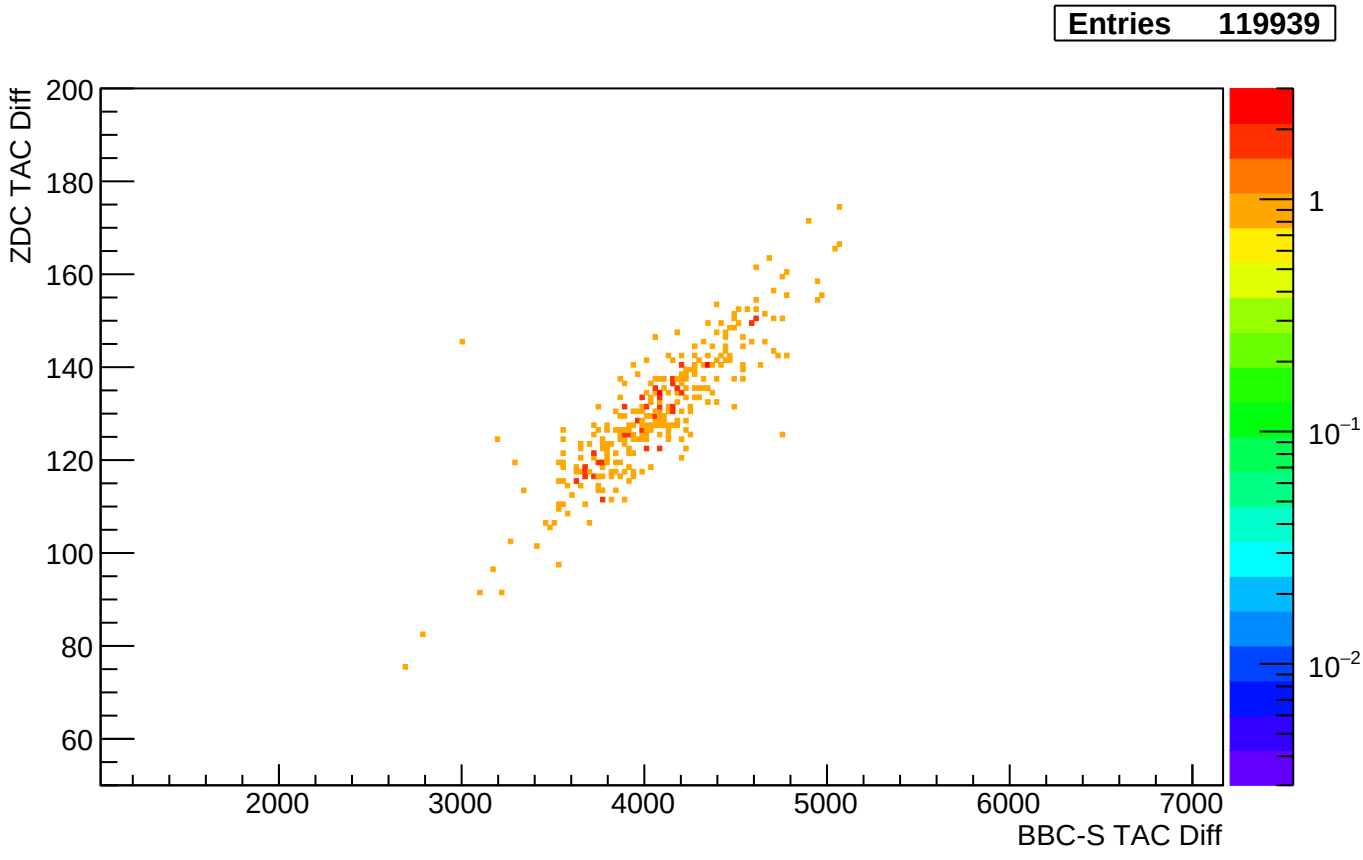

Entries 119939
TOF-Mult
EPD-West Hit Cnt

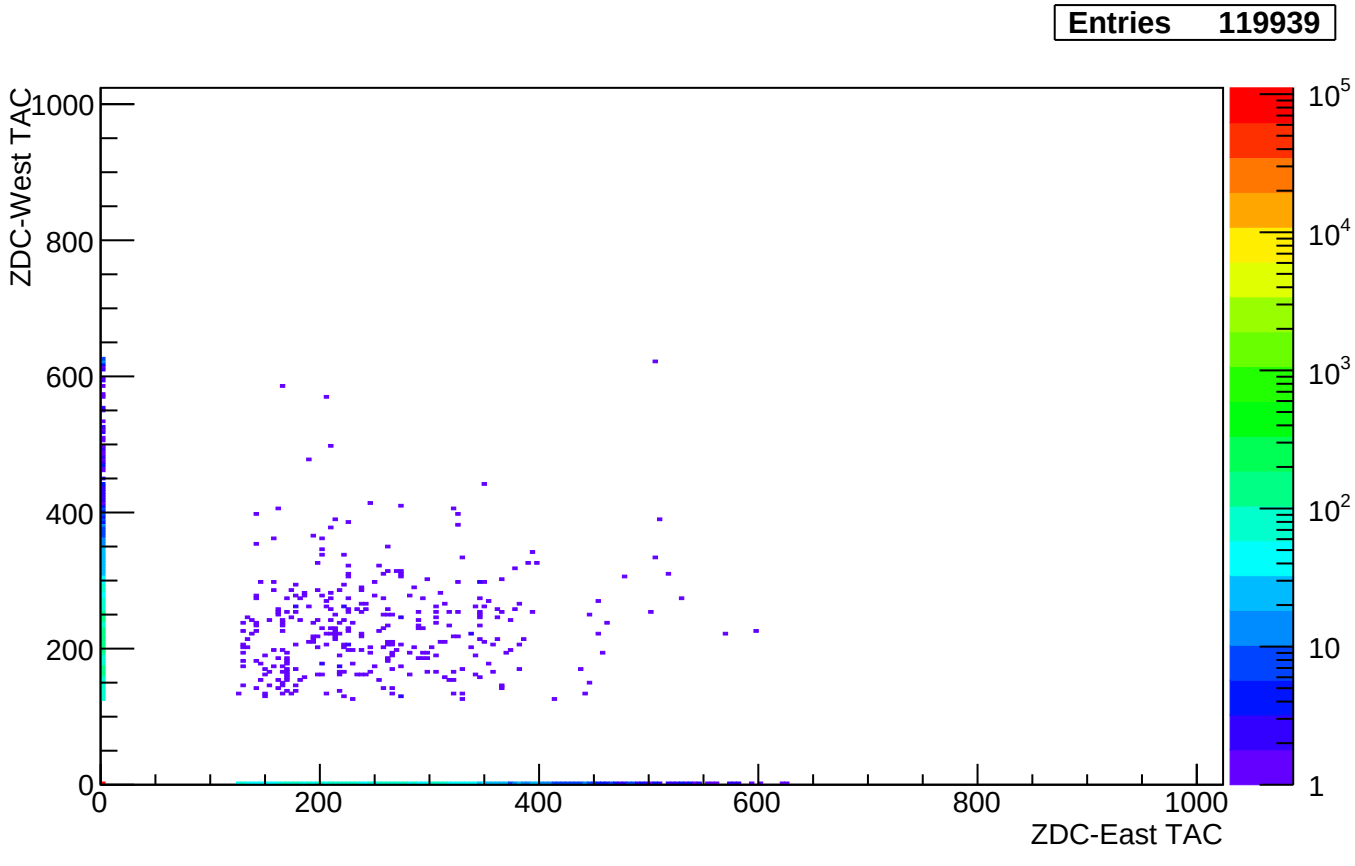

Entries 119939
TOF-Mult
VPD-East ADC Sum

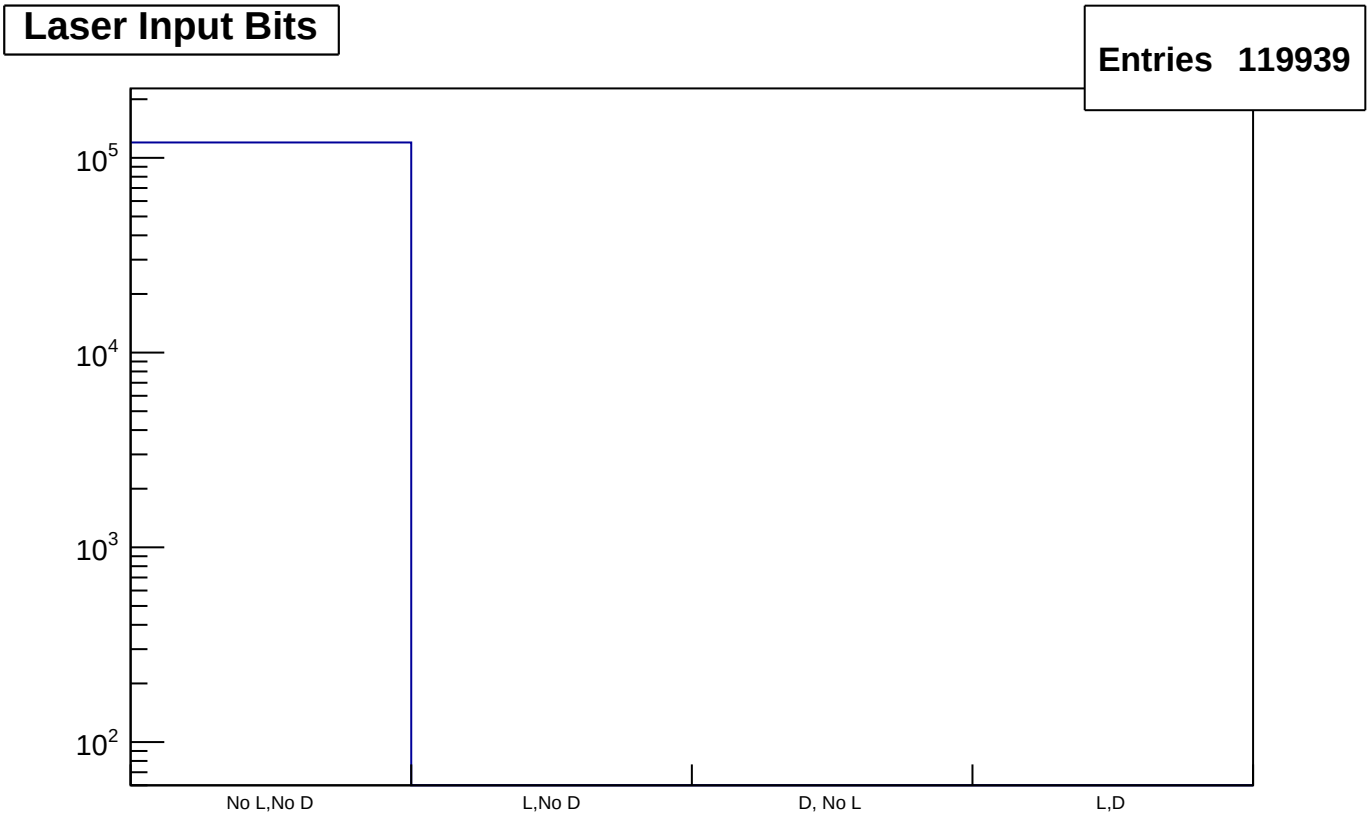

Entries 119939
TOF-Mult
VPD-West ADC Sum

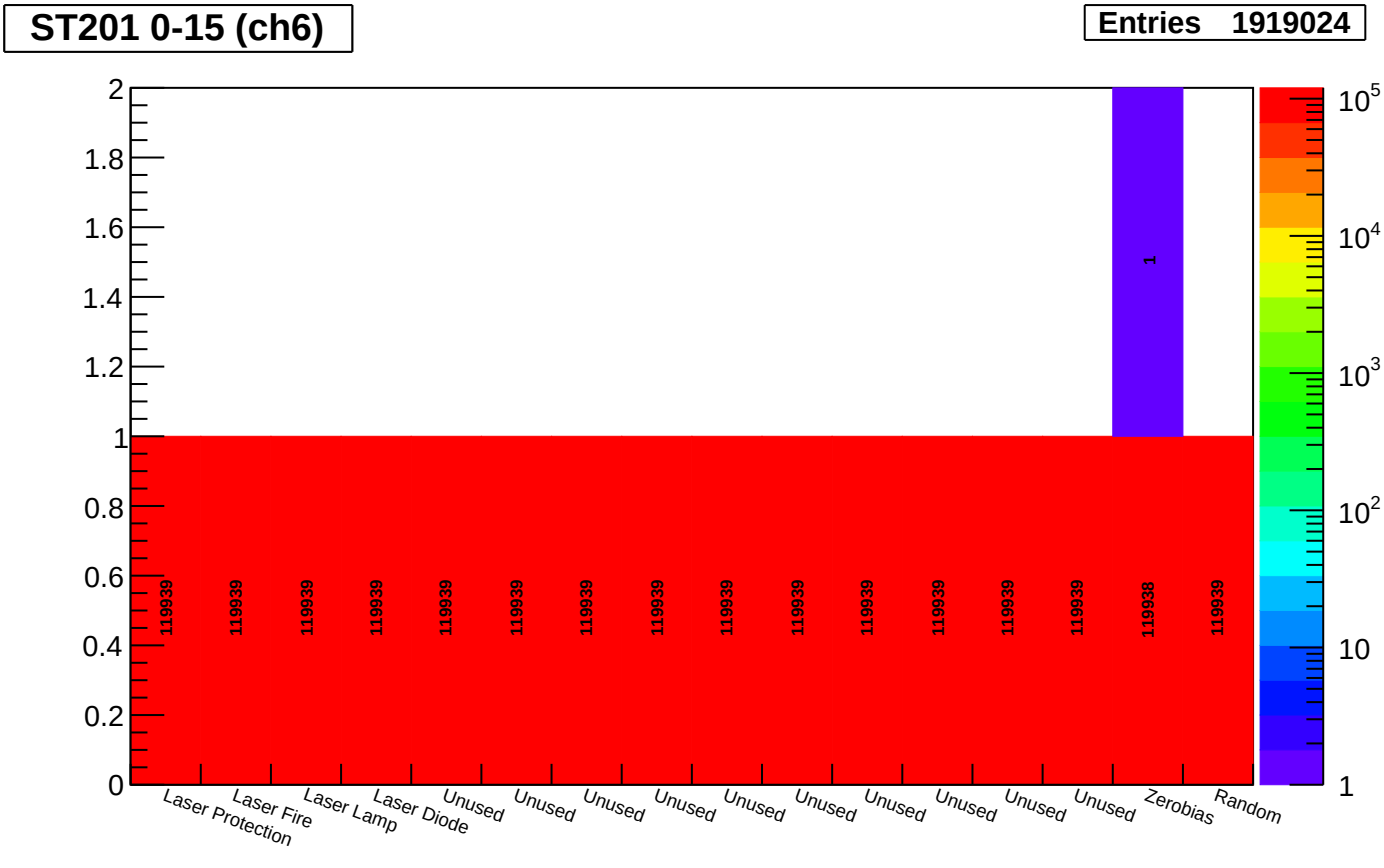

Entries 119939
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

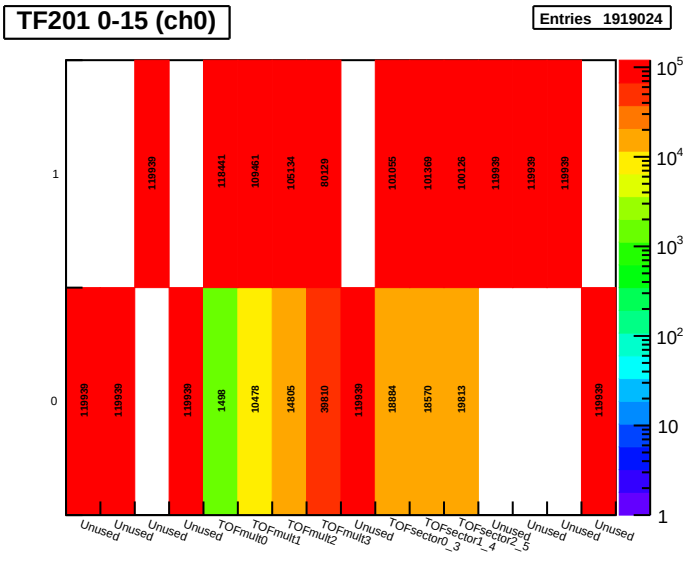

Entries 119939
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

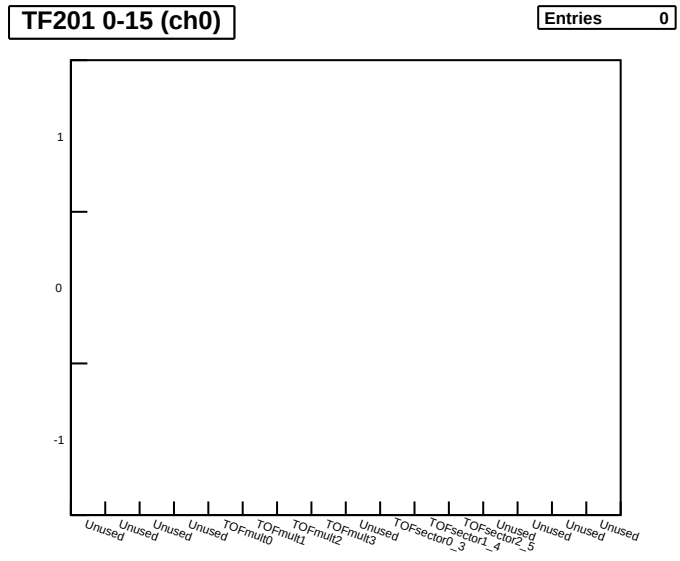

Entries 119939
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

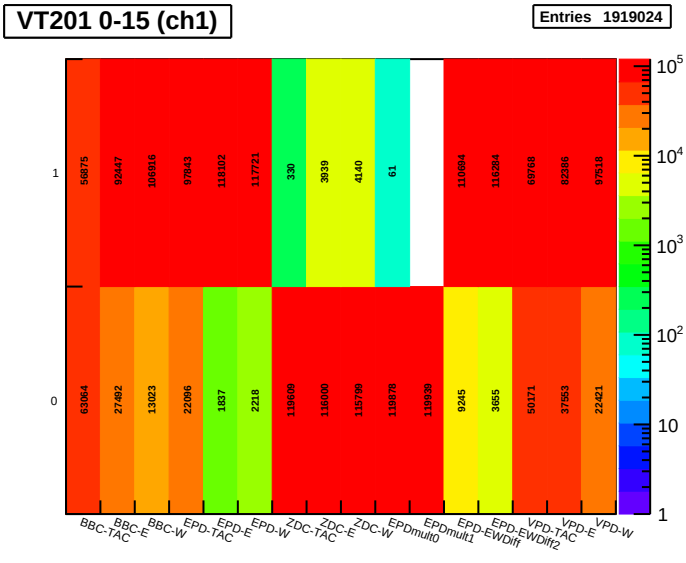

Entries 119939
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

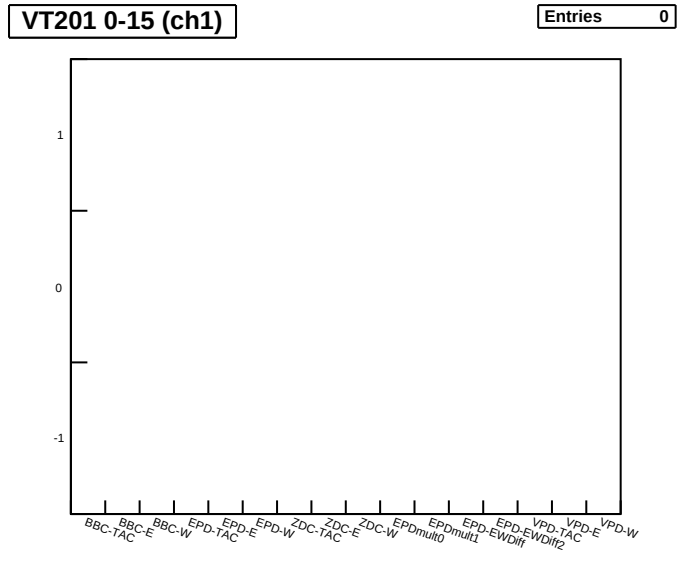

Laser Input Bits
Entries 119939
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

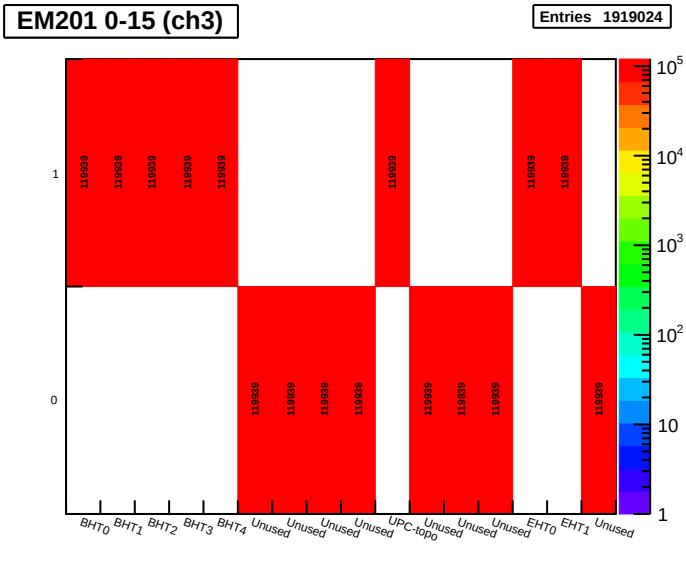

ST201 0-15 (ch6)
Entries 1919024
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1
119939
119938
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

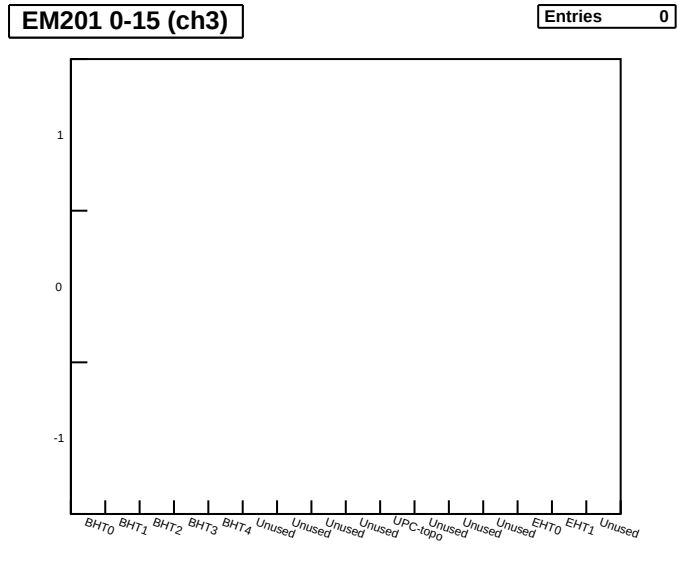

TF201 0-15 (ch0)
Entries 1919024
1
0
119939
118441
109461
105134
80129
101055
101369
100126
119939
119939
119939
119939
119939
119939
1498
10478
14805
39810
18884
18570
19813
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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 1919024
1
0
58875
92447
106916
97643
118102
117721
330
3939
4140
61
110694
116284
69768
82386
97518
63064
27492
13023
22086
1837
2218
119609
116000
115799
119878
119939
9245
3655
50171
37553
22421
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


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 1919024
1
0
119939
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


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