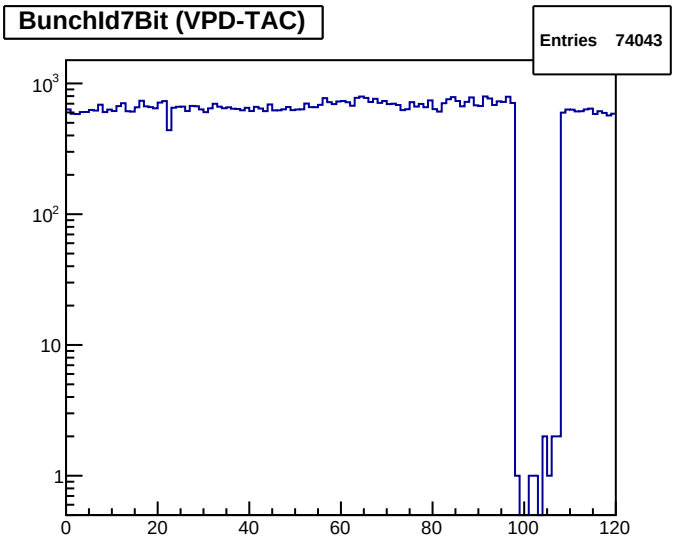
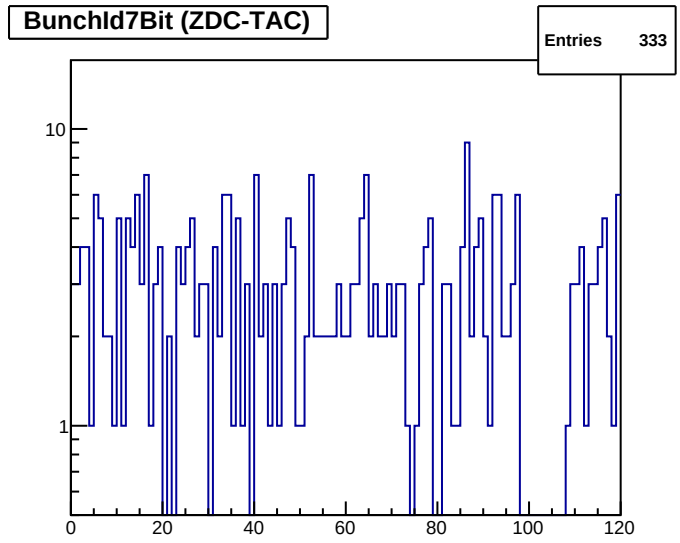
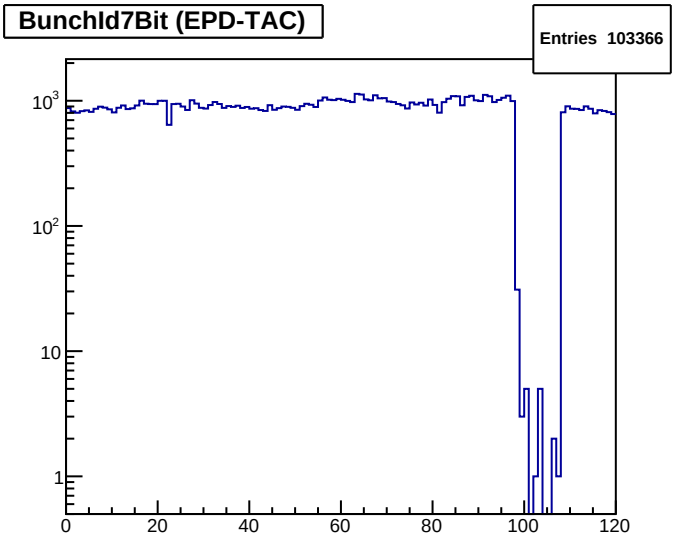
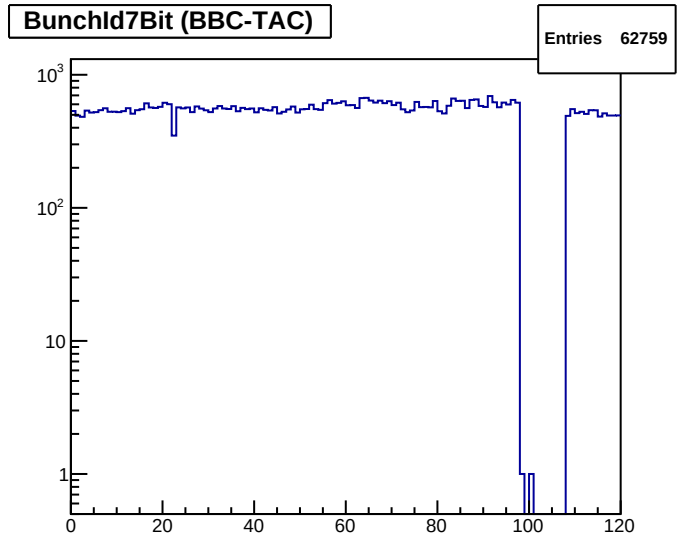
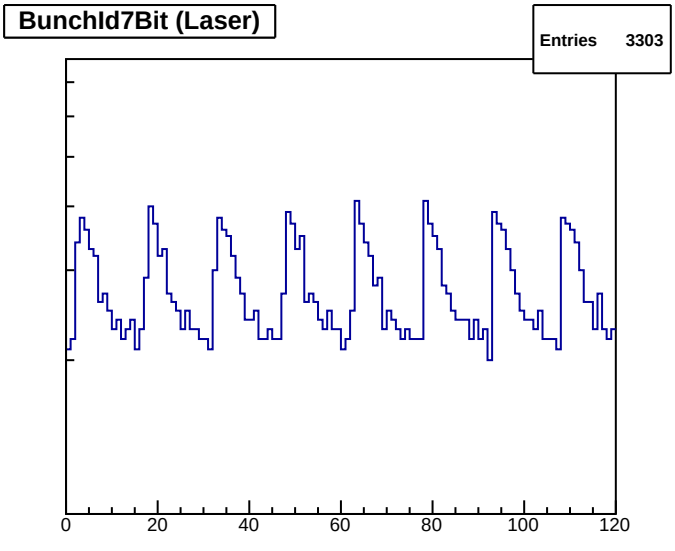
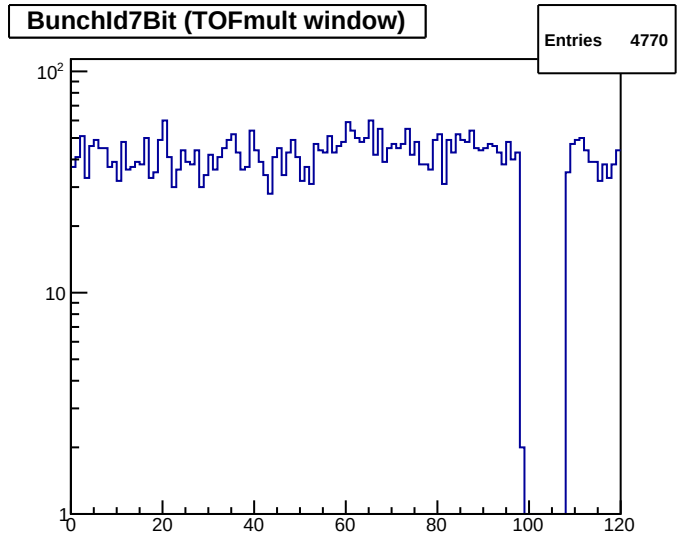

BunchId7Bit (VPD-TAC)
Entries 74043

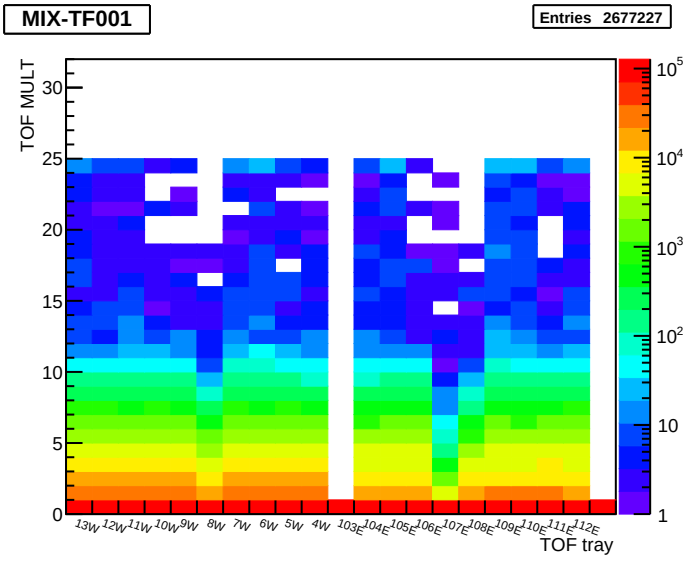

BunchId7Bit (ZDC-TAC)
Entries 333

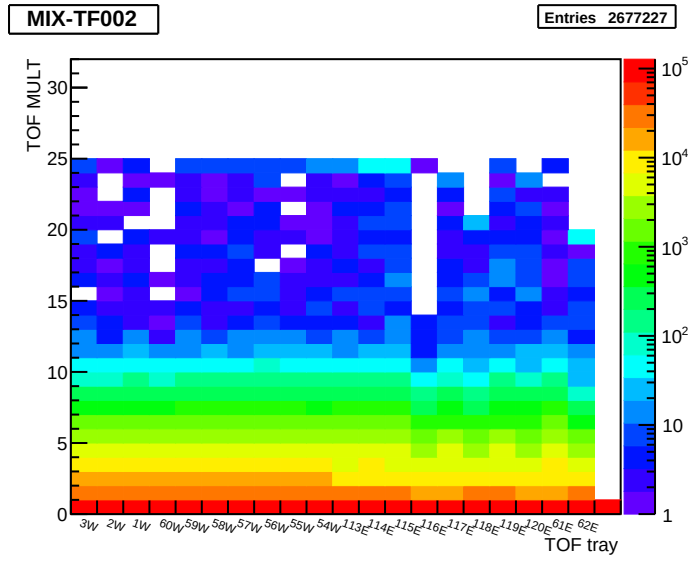

BunchId7Bit (EPD-TAC)
Entries 103366

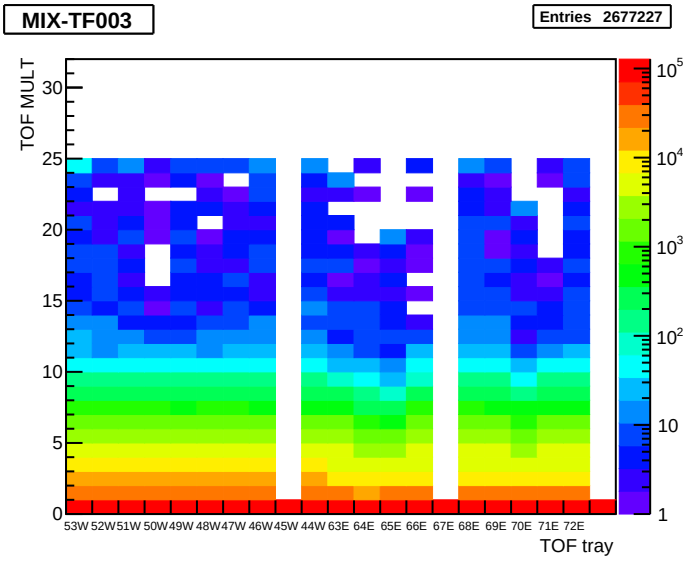

BunchId7Bit (BBC-TAC)
Entries 62759

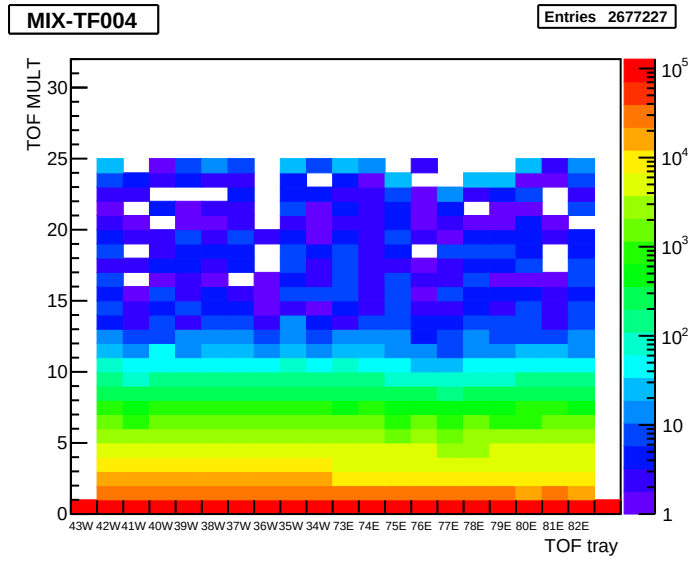

BunchId7Bit (Laser)
Entries 3303

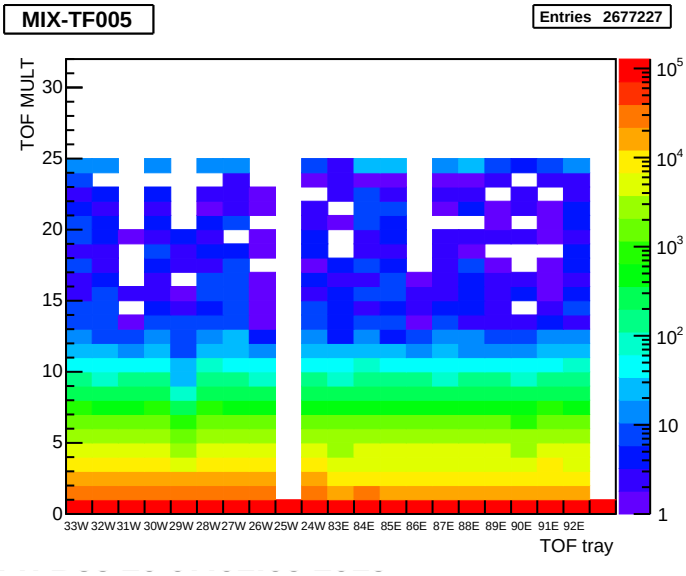

BunchId7Bit (TOFmult window)
Entries 4770

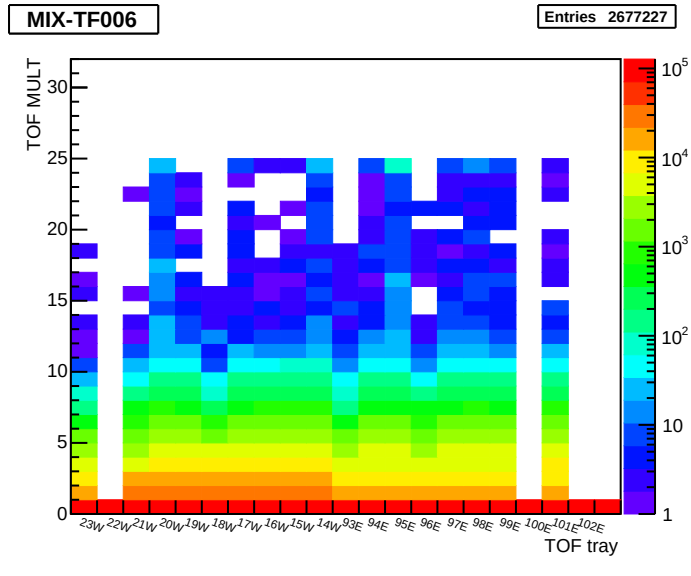

MIX-TF001
Entries 2677227
TOF MULT
TOF tray

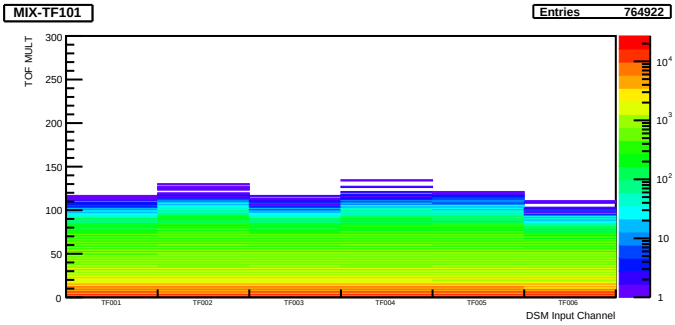

MIX-TF002
Entries 2677227
TOF MULT
TOF tray

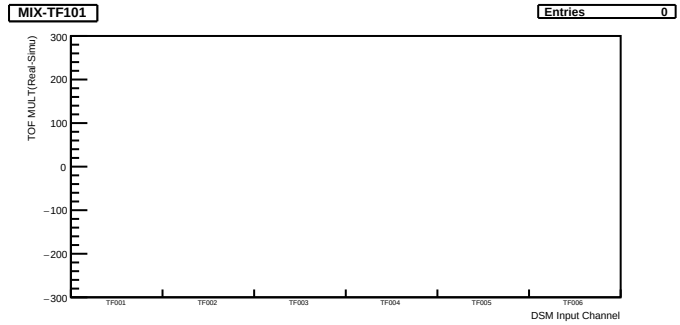

MIX-TF003
Entries 2677227
TOF MULT
TOF tray

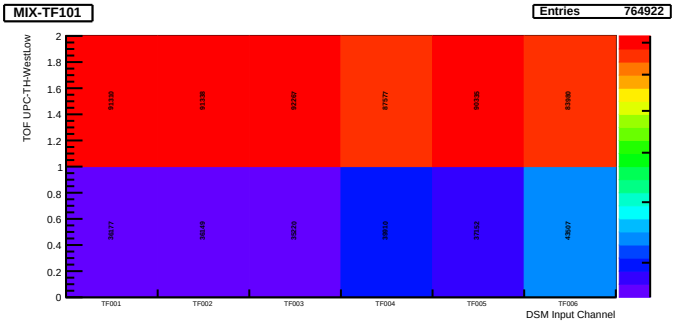

MIX-TF004
Entries 2677227
TOF MULT
TOF tray

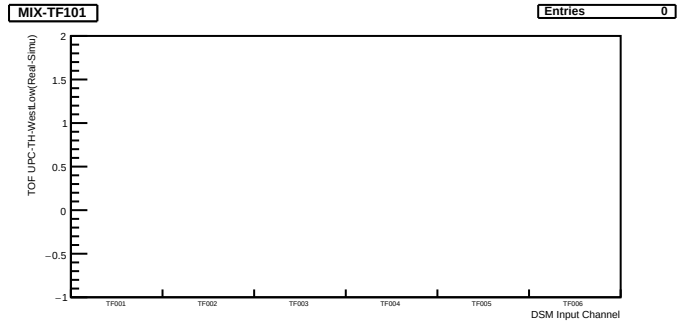

MIX-TF005
Entries 2677227
TOF MULT
TOF tray

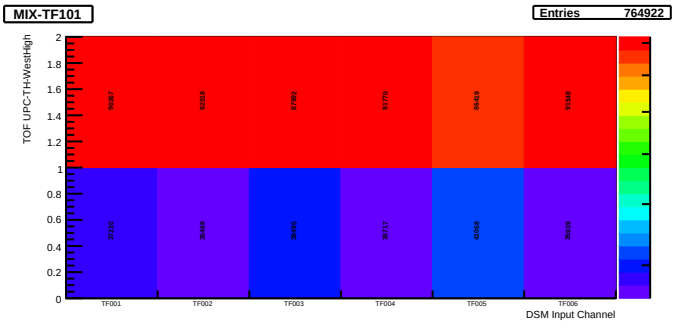

MIX-TF006
Entries 2677227
TOF MULT
TOF tray

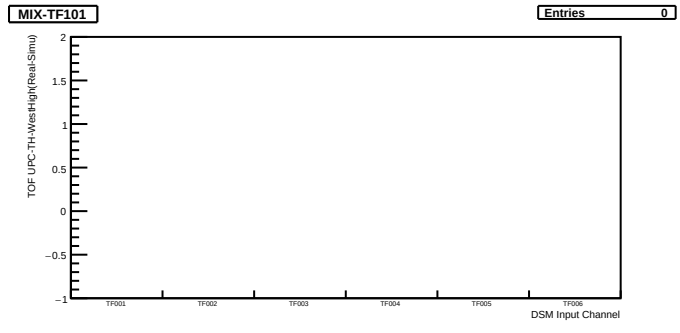

MIX-TF101
Entries 764922
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

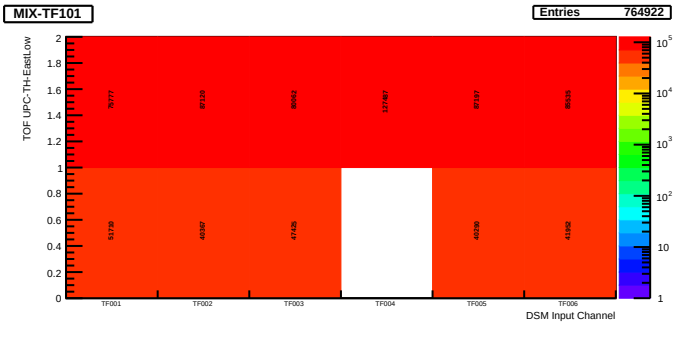

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

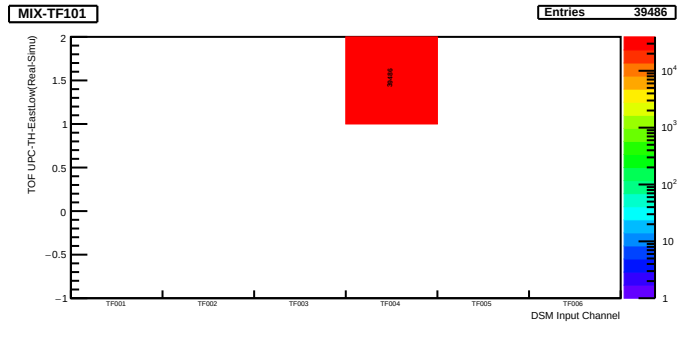

MIX-TF101
Entries 764922
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

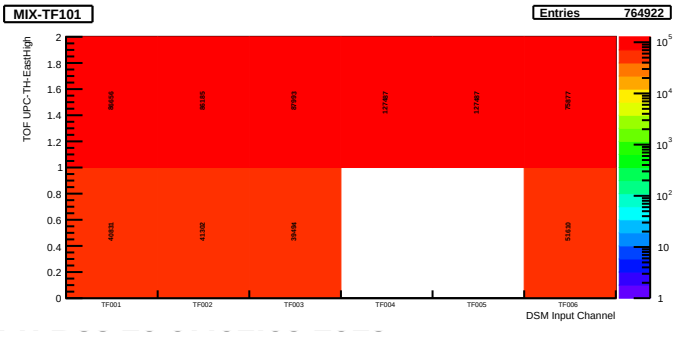

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

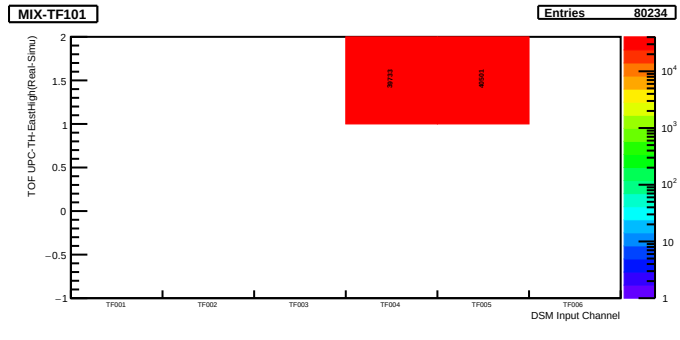

MIX-TF101
Entries 764922
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

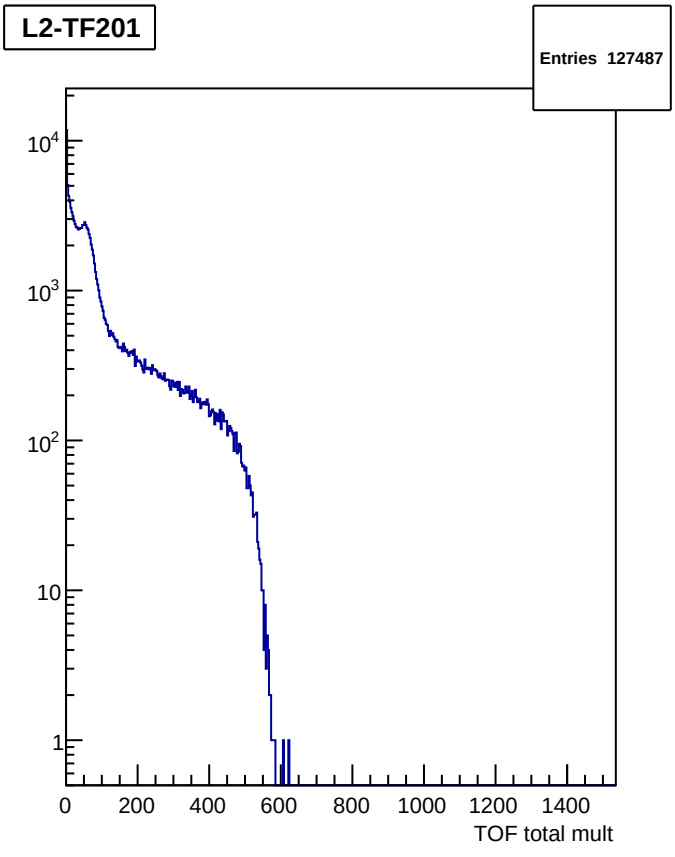

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

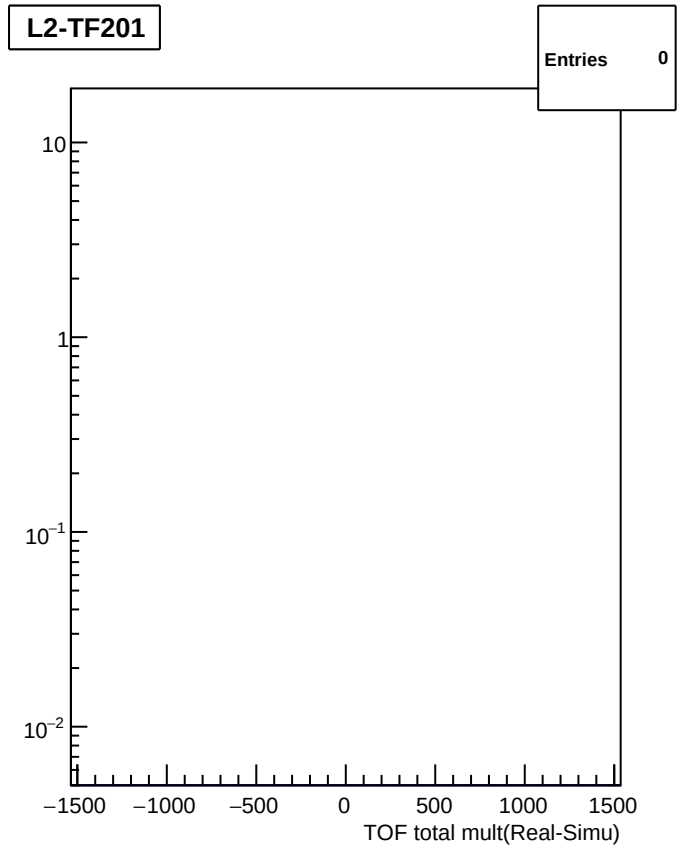

MIX-TF101
Entries 764922
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

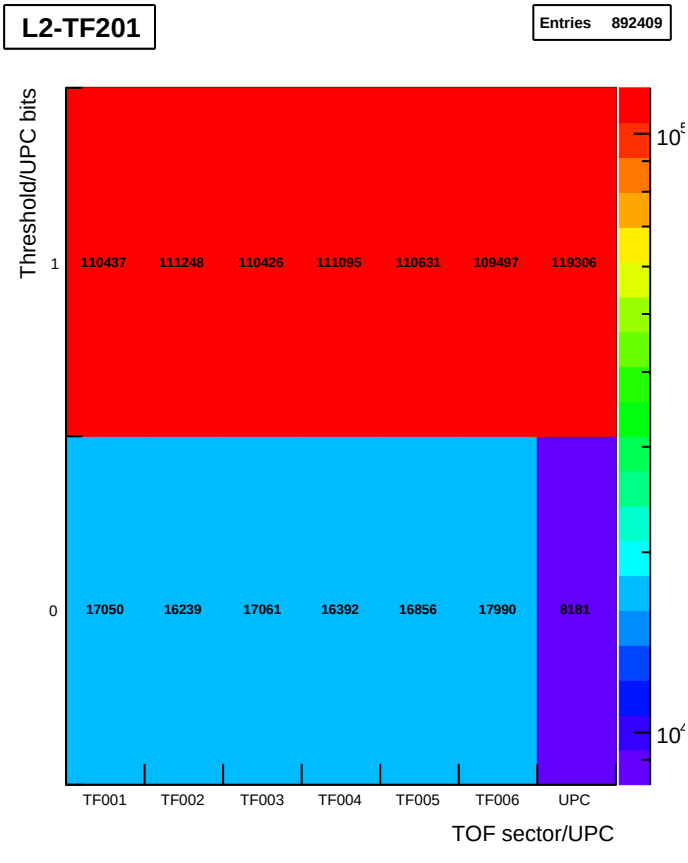

MIX-TF101
Entries 39486
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

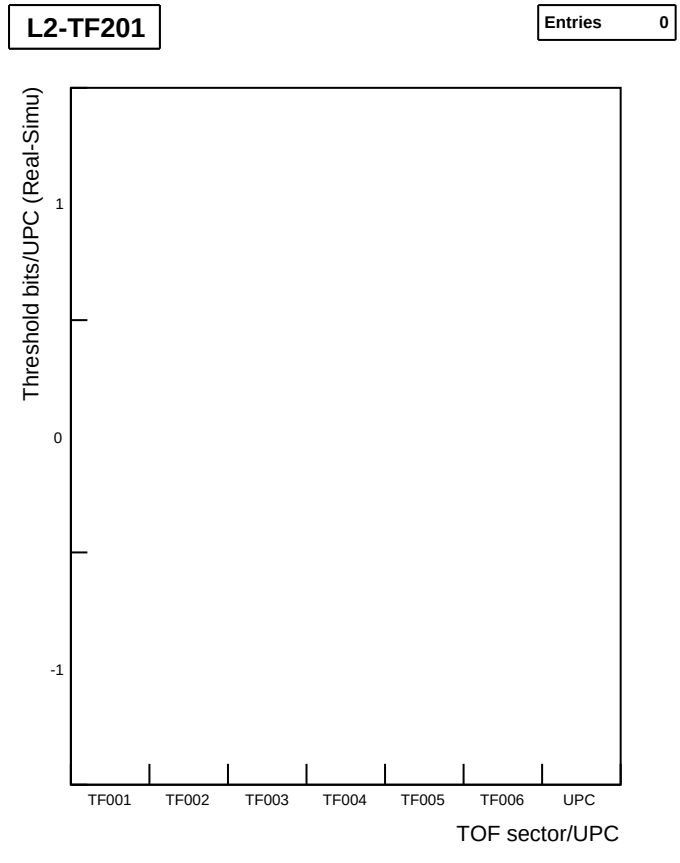

MIX-TF101
Entries 764922
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

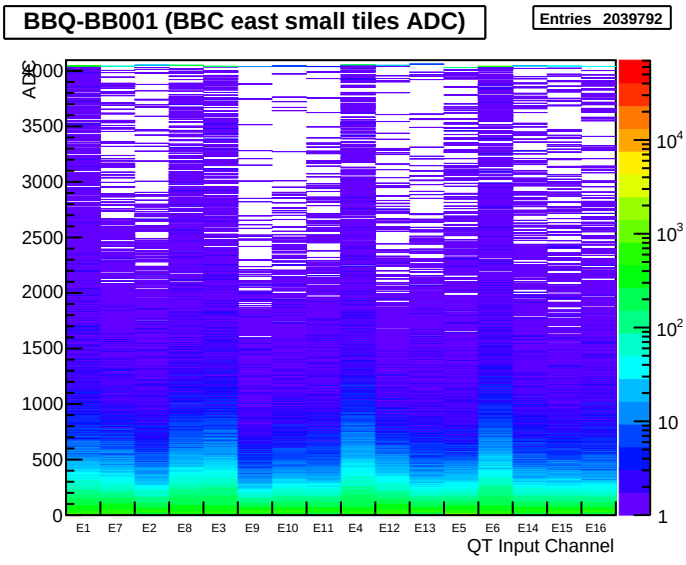

MIX-TF101
Entries 80234
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

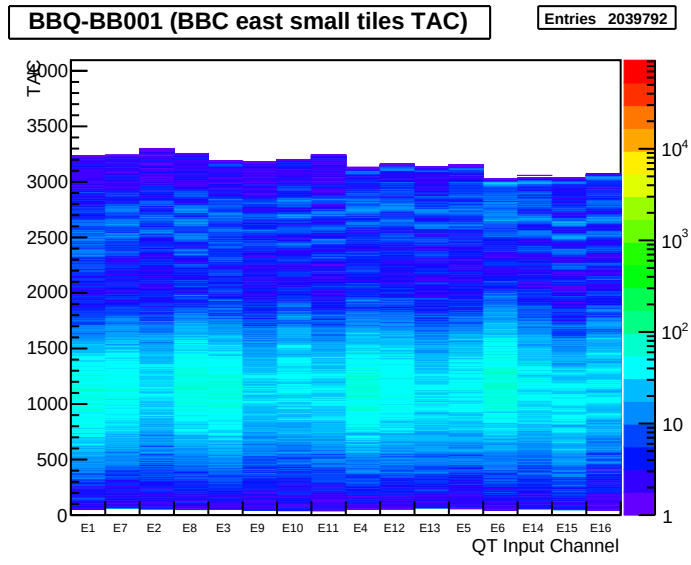

L2-TF201
Entries 127487
TOF total mult

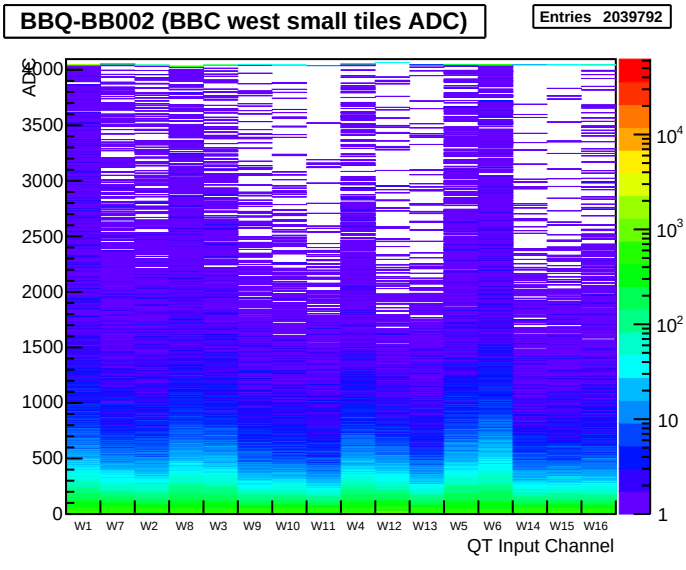

L2-TF201
Entries 0
TOF total mult(Real-Simu)

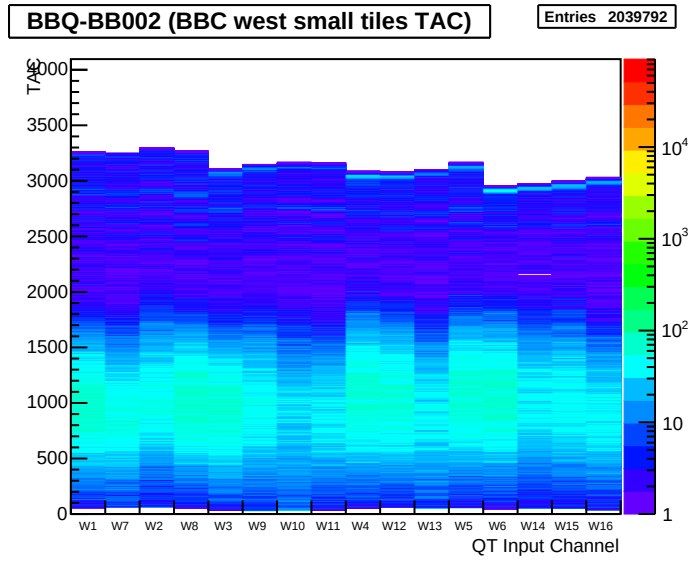

L2-TF201
Entries 892409
Threshold/UPC bits
110437
111248
110426
111095
110631
109497
119306
17050
16239
17061
16392
16856
17990
8181
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

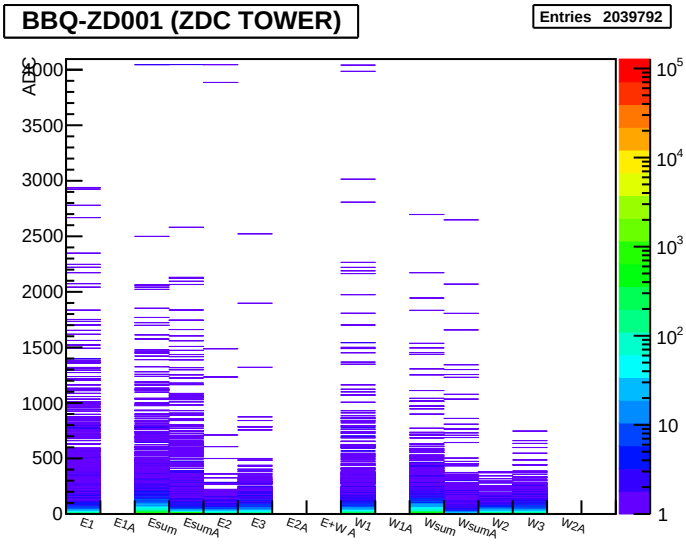

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

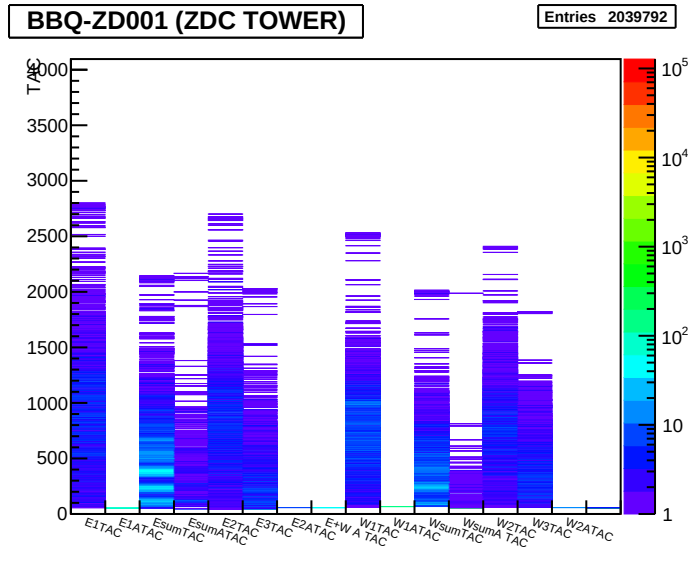

BBQ-BB001 (BBC east small tiles ADC)
Entries 2039792
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

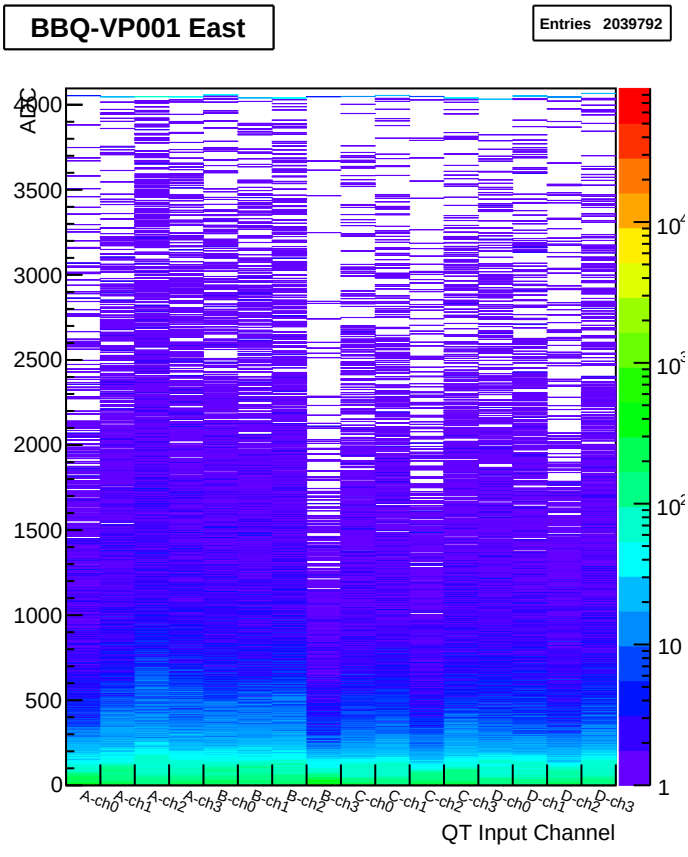

BBQ-BB001 (BBC east small tiles TAC)
Entries 2039792
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

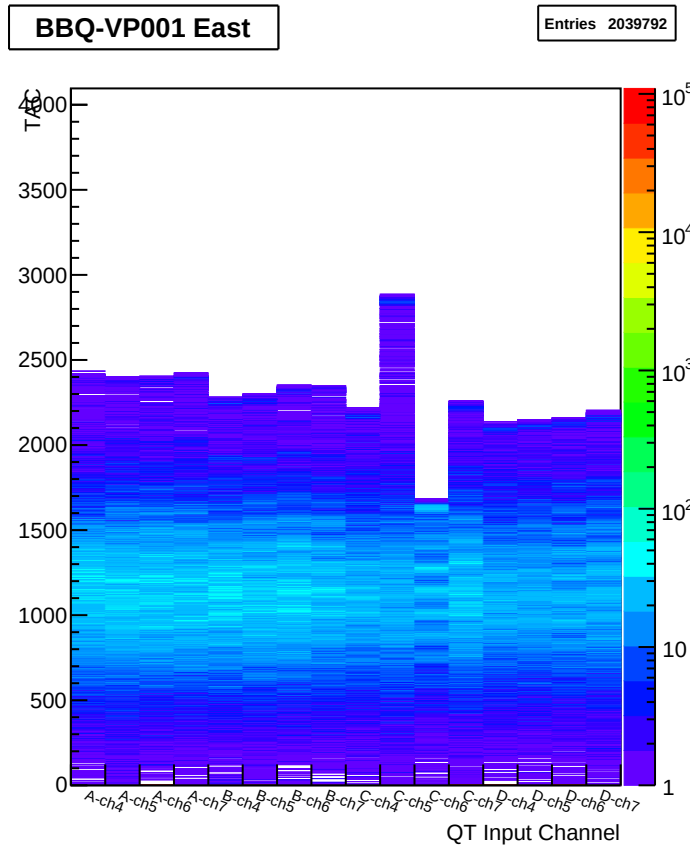

BBQ-BB002 (BBC west small tiles ADC)
Entries 2039792
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

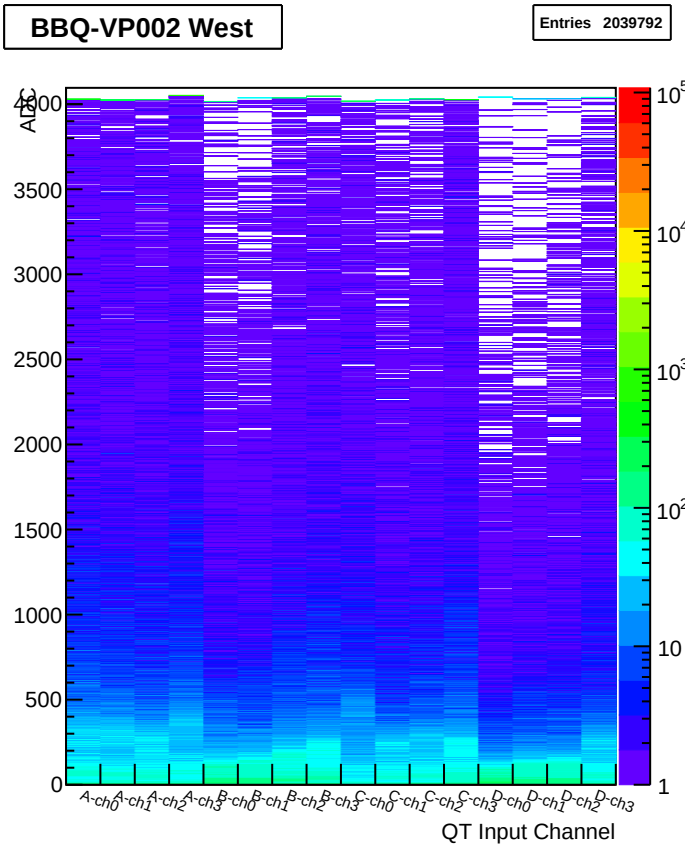

BBQ-BB002 (BBC west small tiles TAC)
Entries 2039792
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

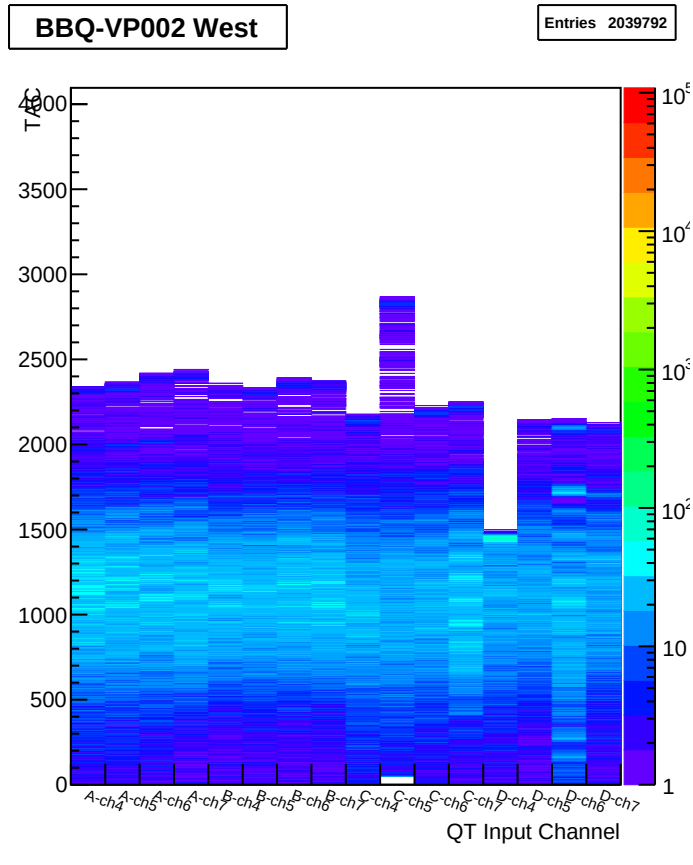

BBQ-ZD001 (ZDC TOWER)
Entries 2039792
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

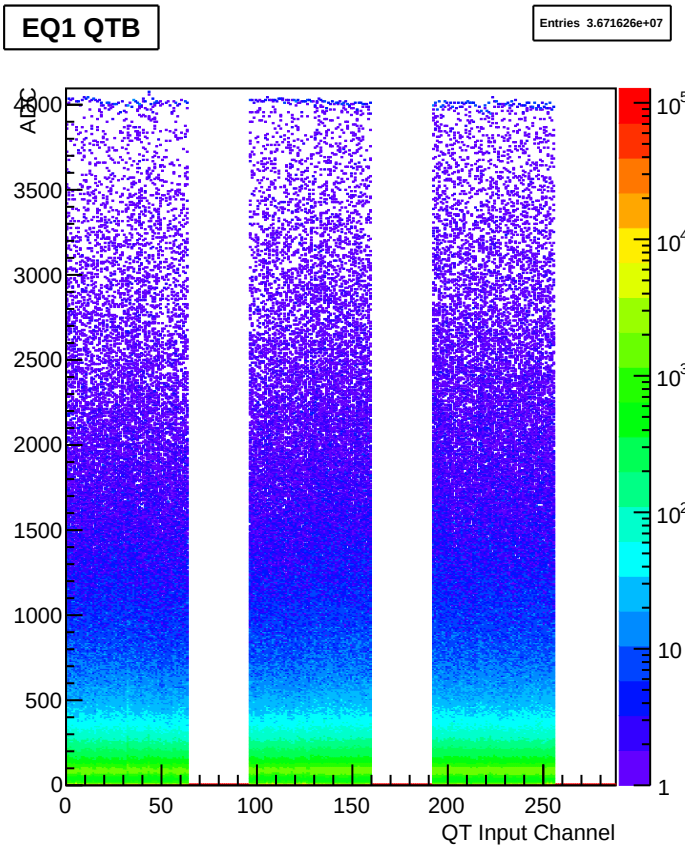

BBQ-ZD001 (ZDC TOWER)
Entries 2039792
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

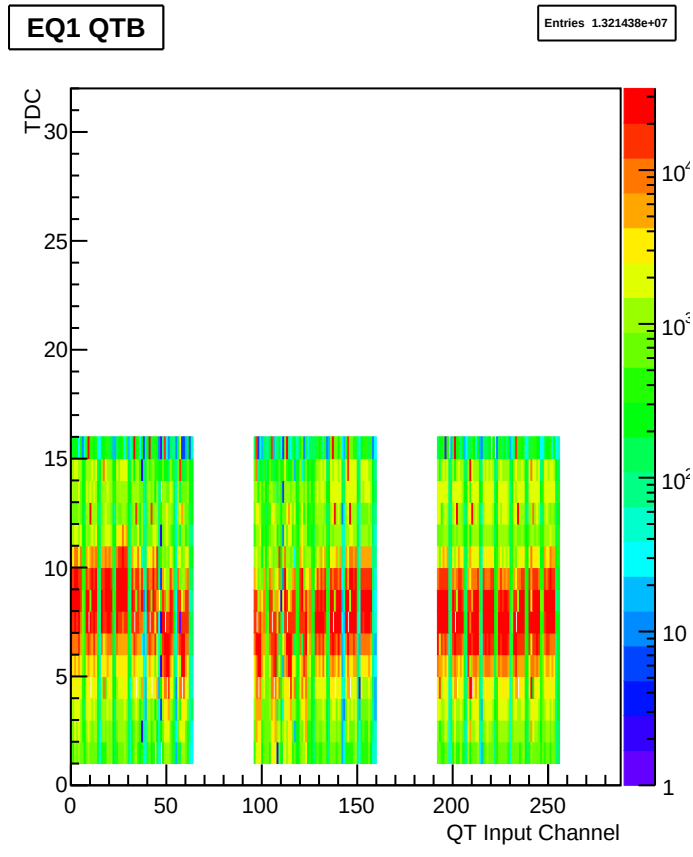

BBQ-VP001 East
Entries 2039792
ADC
QT Input Channel

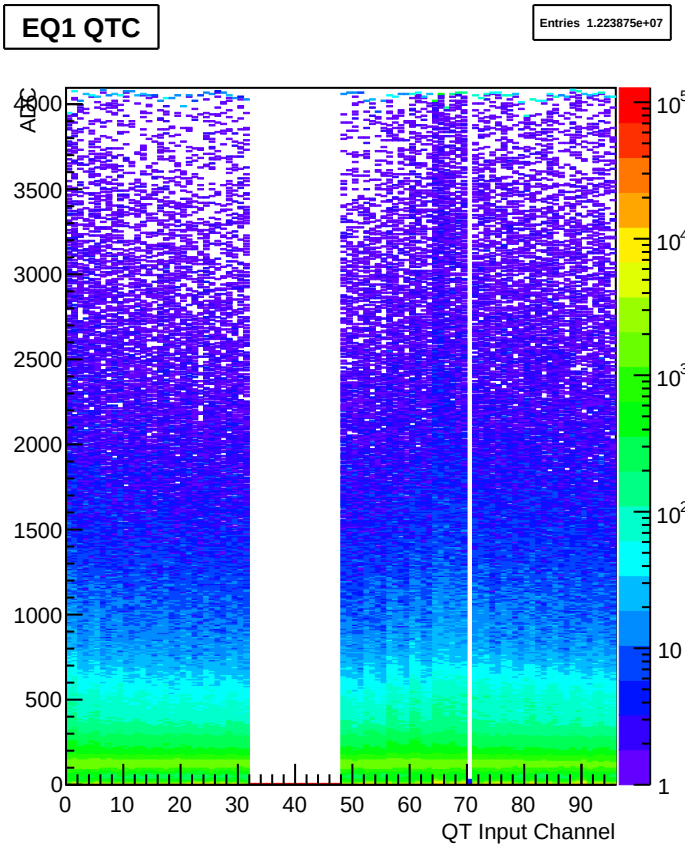

BBQ-VP001 East
Entries 2039792
TADC
QT Input Channel

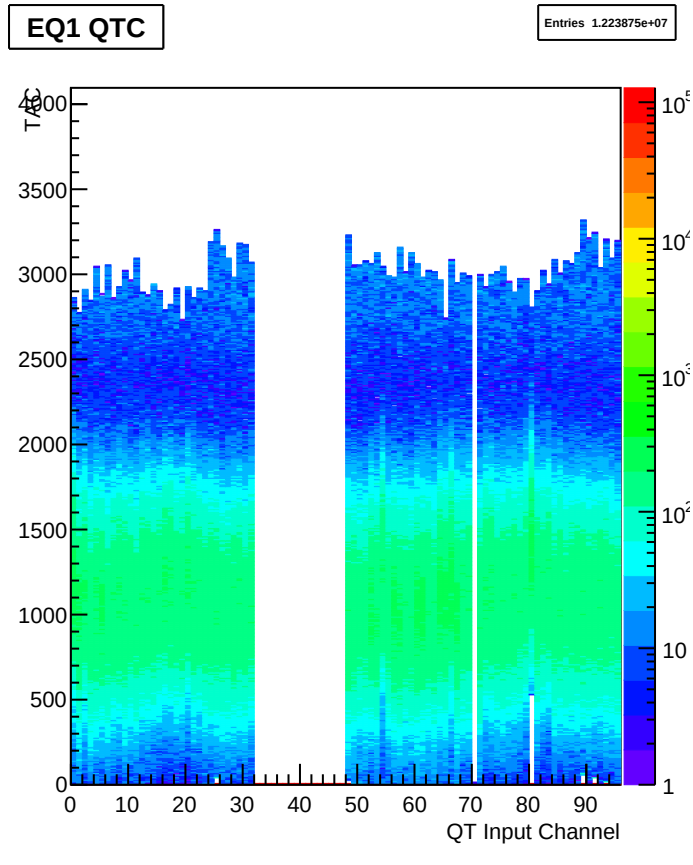

BBQ-VP002 West
Entries 2039792
ADC
QT Input Channel

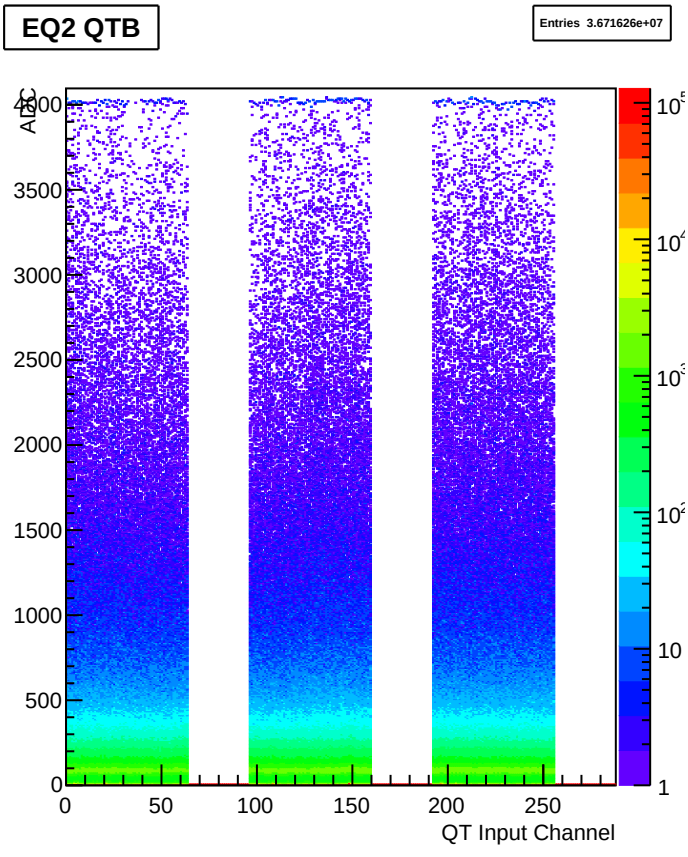

BBQ-VP002 West
Entries 2039792
TADC
QT Input Channel

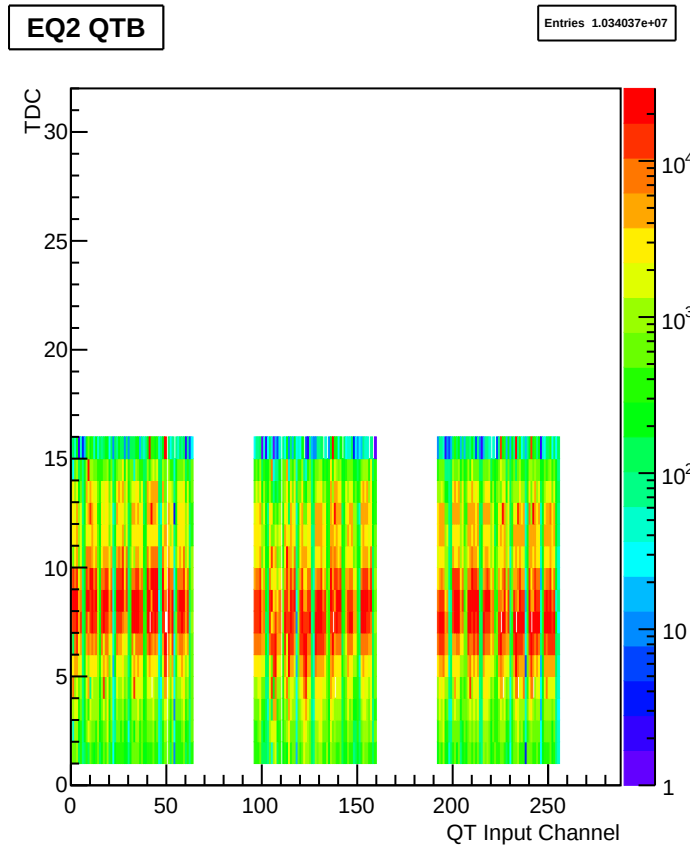

EQ1 QTB
Entries 3.671626e+07
ADC
QT Input Channel

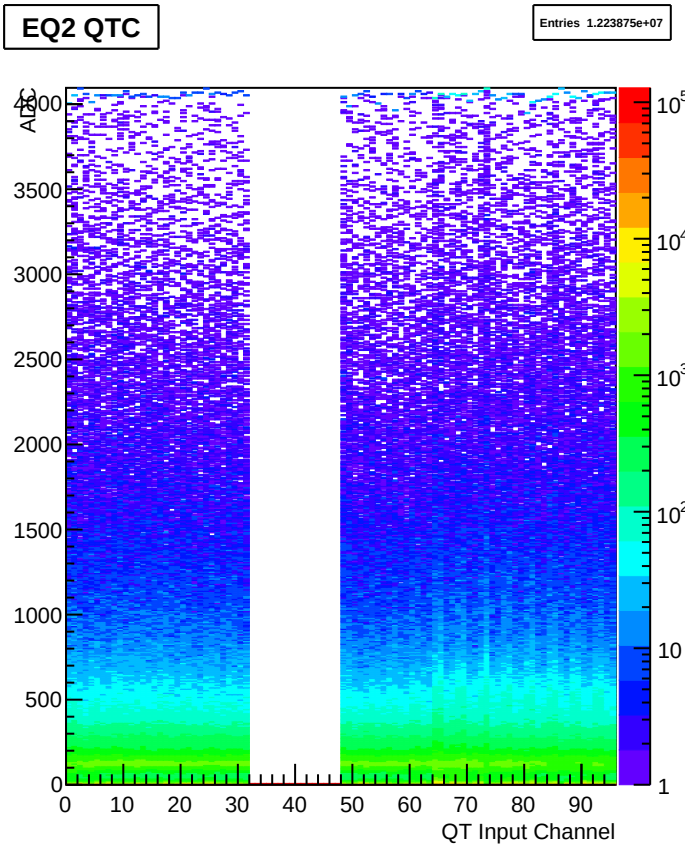

EQ1 QTB
Entries 1.321438e+07
TDC
QT Input Channel

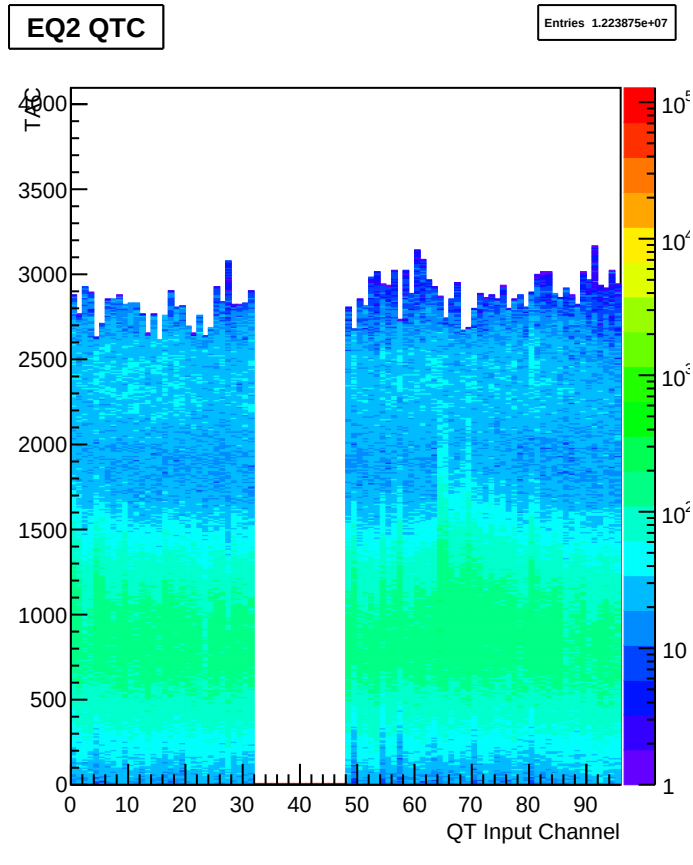

EQ1 QTC
Entries 1.223875e+07
ADC
QT Input Channel

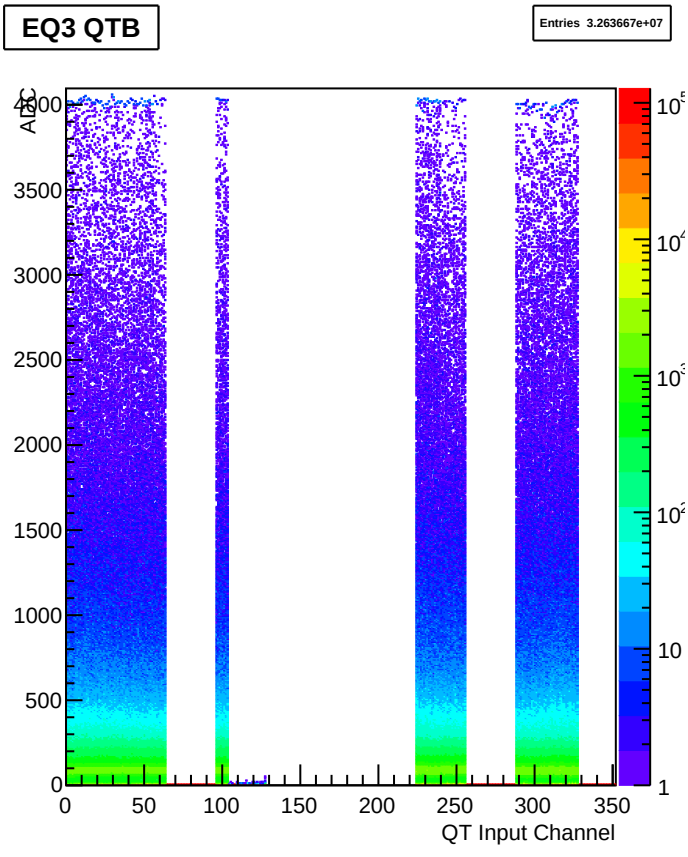

EQ1 QTC
Entries 1.223875e+07
TADC
QT Input Channel

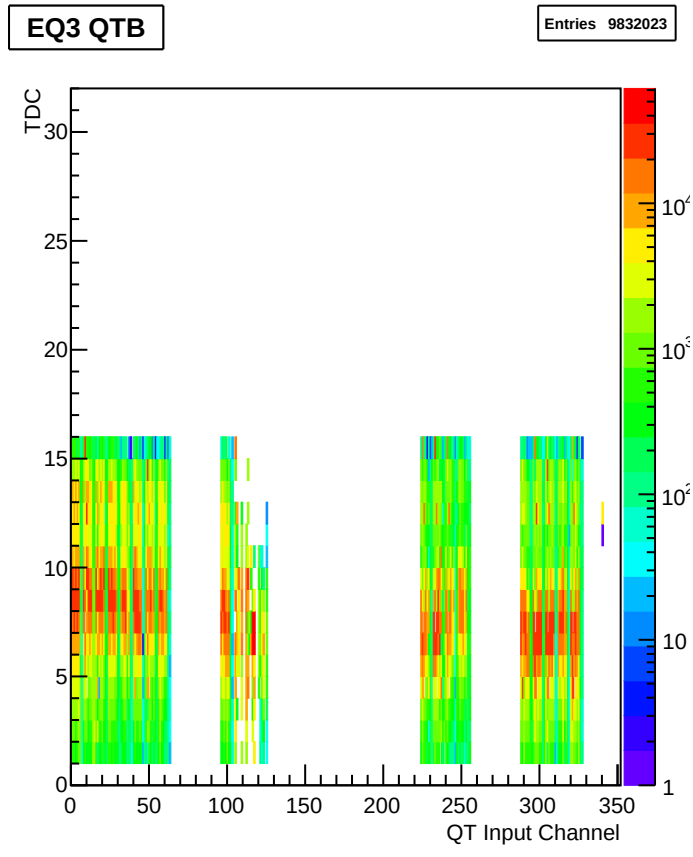

EQ2 QTB
Entries 3.671626e+07
ADC
QT Input Channel

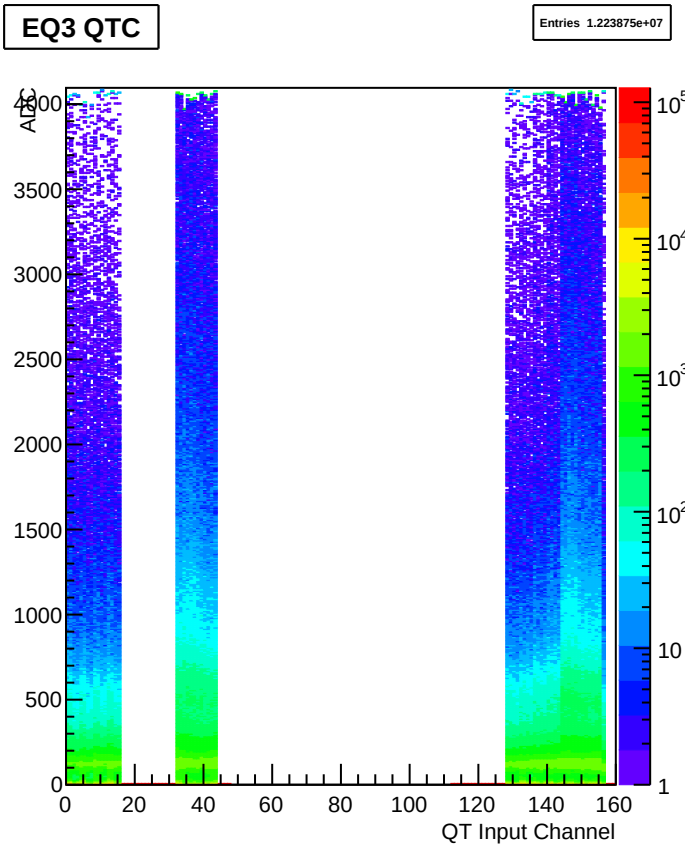

EQ2 QTB
Entries 1.034037e+07
TDC
QT Input Channel

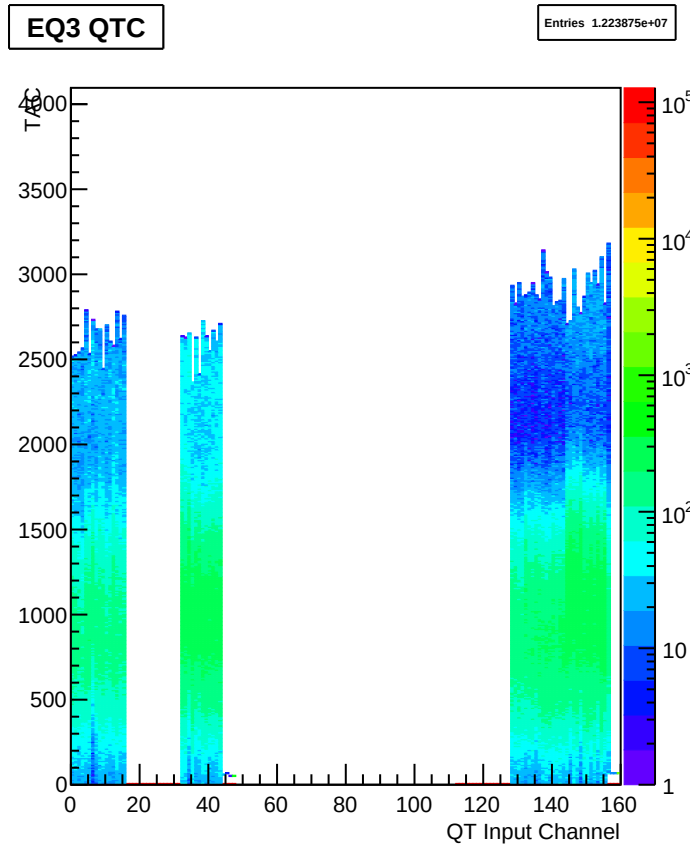

EQ2 QTC
Entries 1.223875e+07
ADC
QT Input Channel

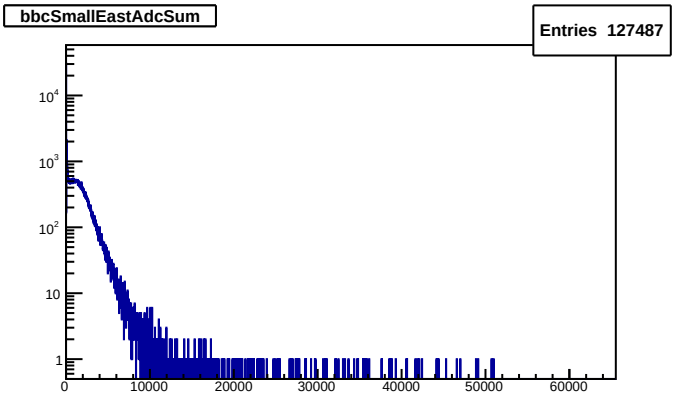

EQ2 QTC
Entries 1.223875e+07
TADC
QT Input Channel

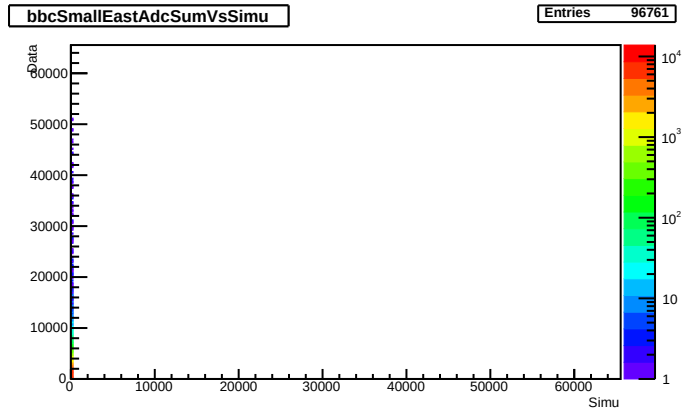

EQ3 QTB
Entries 3.263667e+07
ADC
QT Input Channel

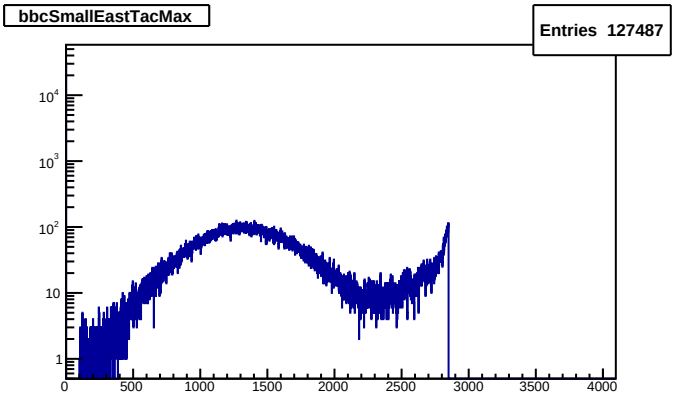

EQ3 QTB
Entries 9832023
TDC
QT Input Channel

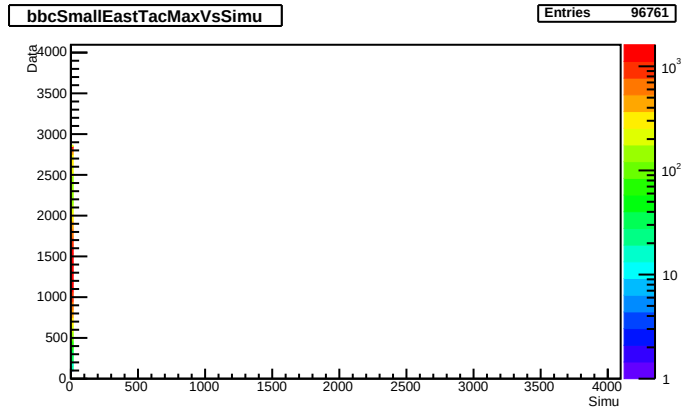

EQ3 QTC
Entries 1.223875e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.223875e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 127487


bbcSmallEastAdcSumVsSimu
Entries 96761
Data
Simu


bbcSmallEastTacMax
Entries 127487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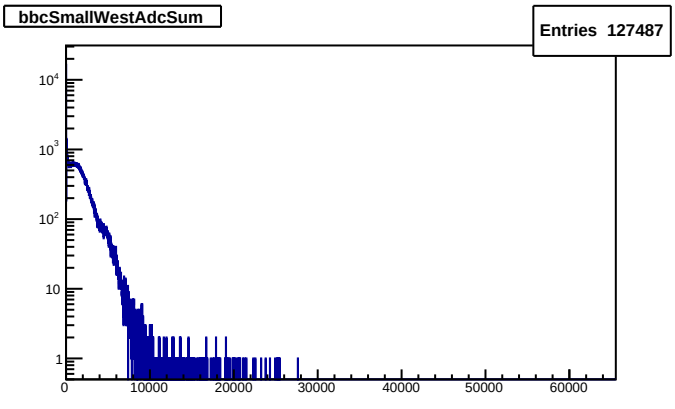
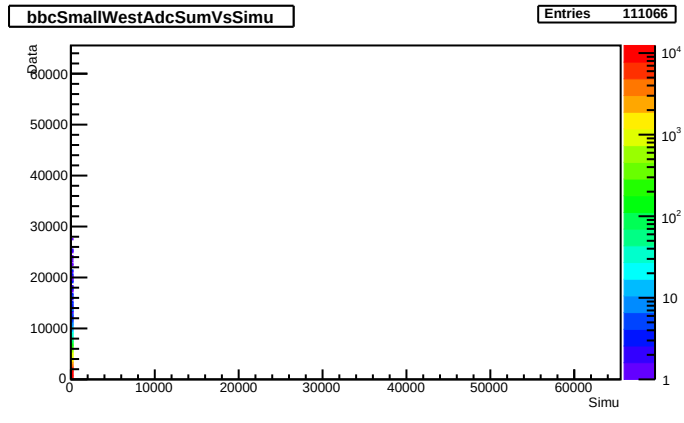
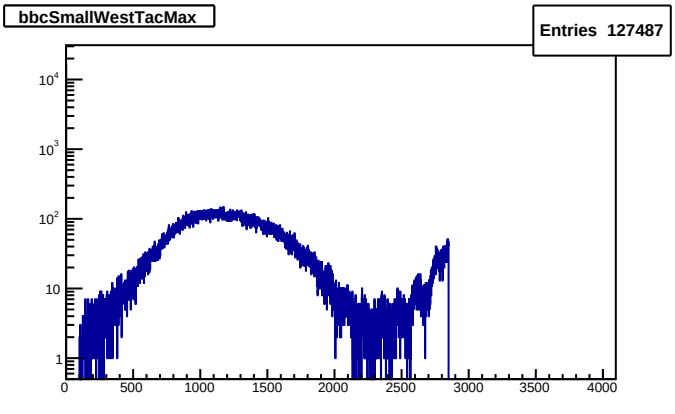
Entries 96761
Data
Simu


bbcSmallWestAdcSum
Entries 127487


bbcSmallWestAdcSumVsSimu
Entries 111066
Data
Simu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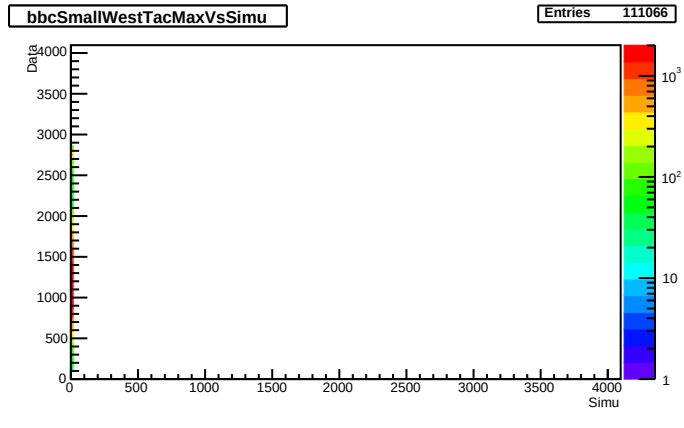
Entries 127487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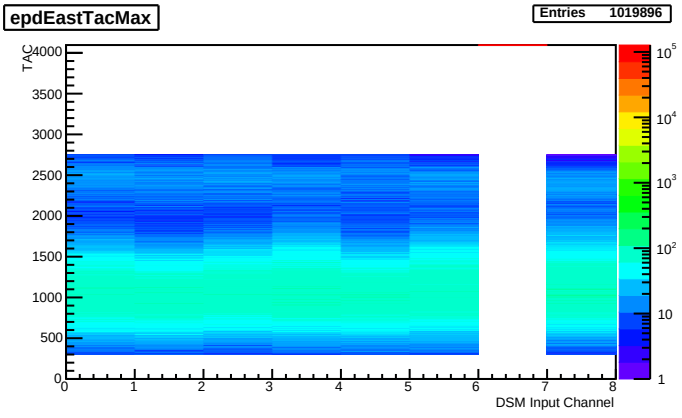
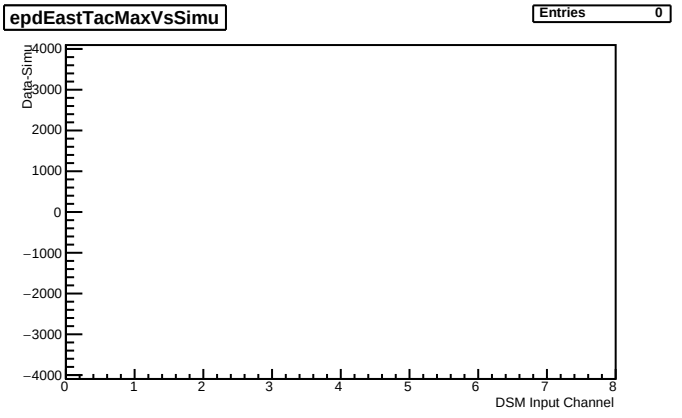
Entries 111066
Data
Simu


epdEastTacMax
Entries 1019896
TAC
DSM Input Channel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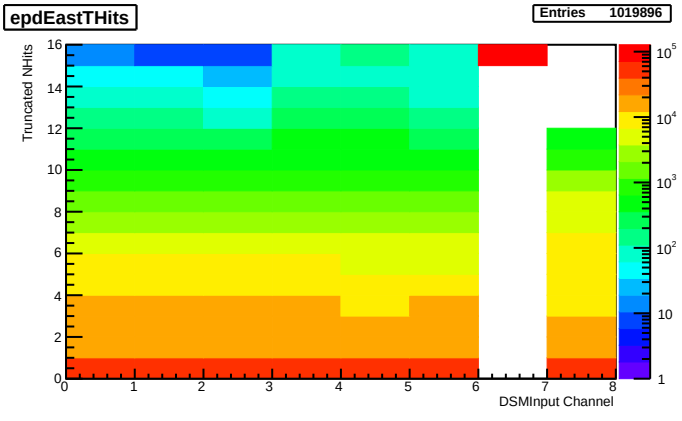
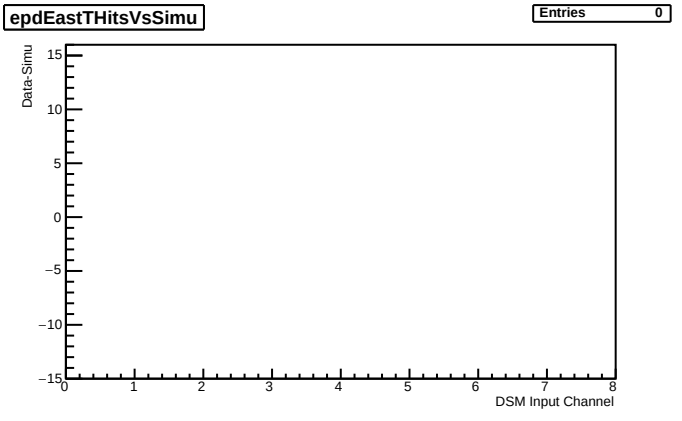
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1019896
Truncated NHits
DSMInput Channel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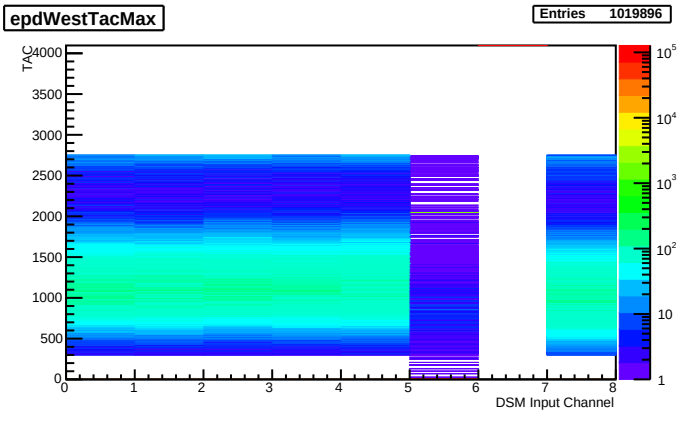
Data-Simu
DSM Input Channel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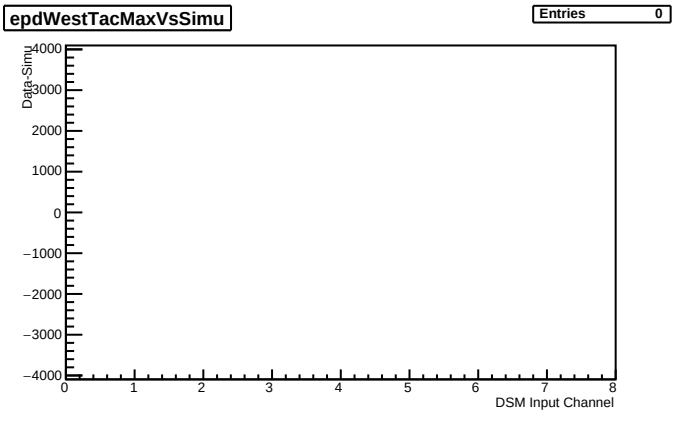
Entries 1019896
TAC
DSM Input Channel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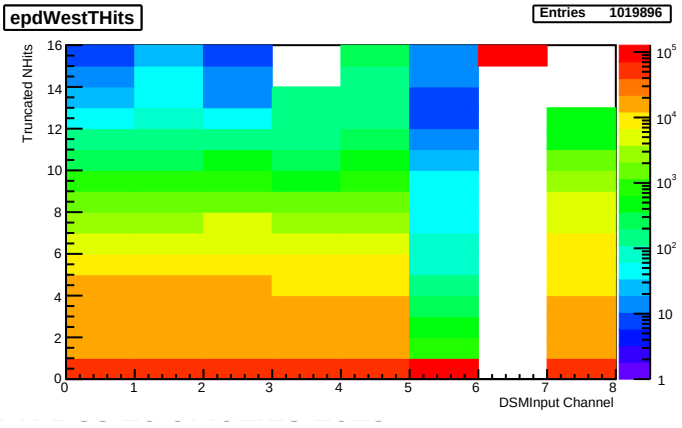
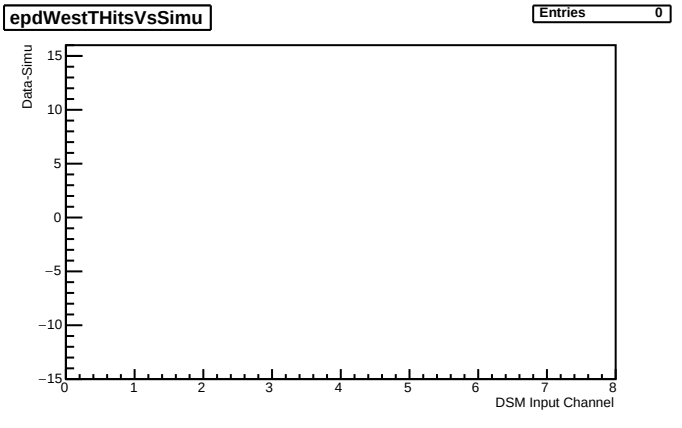
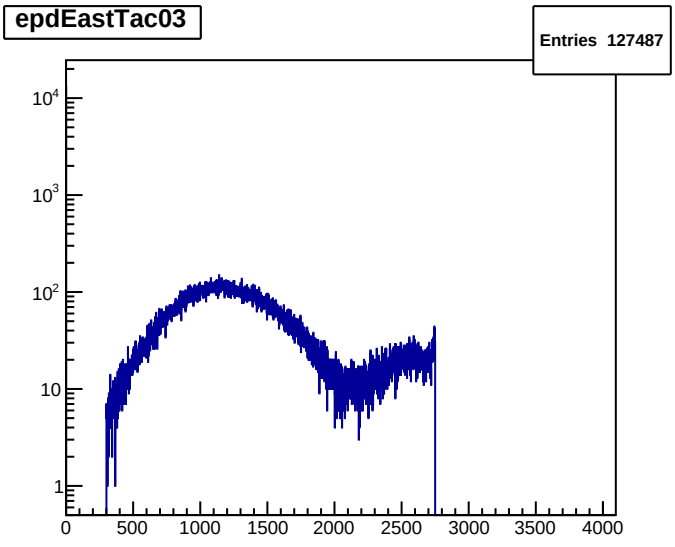
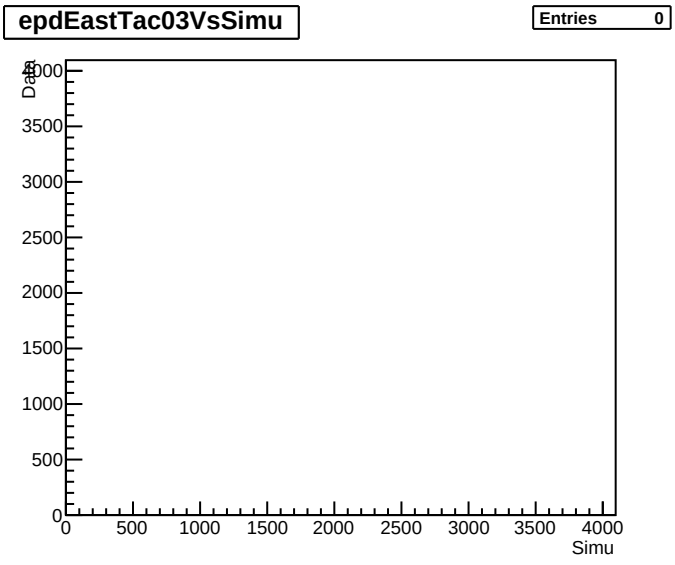
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1019896
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 127487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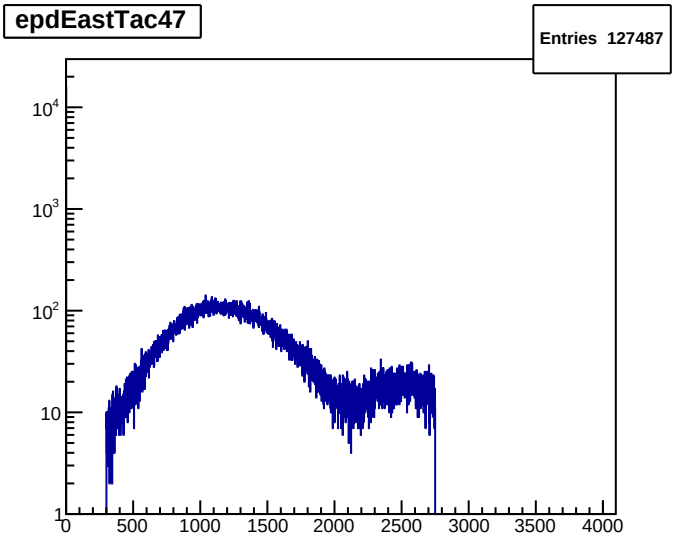
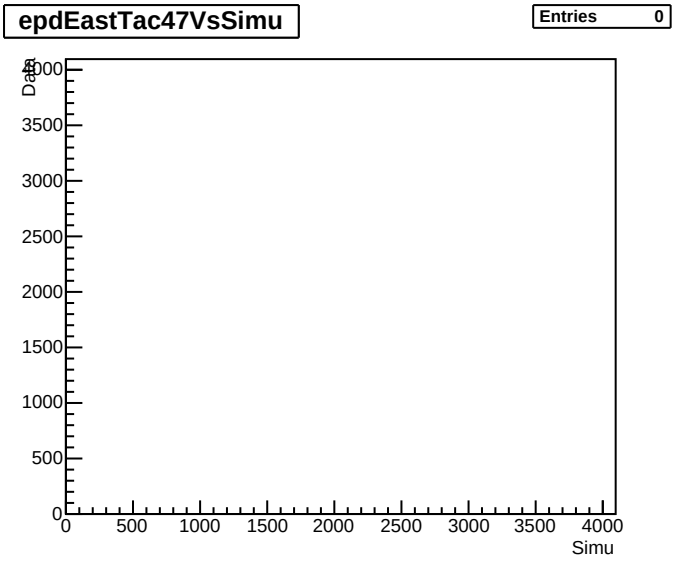
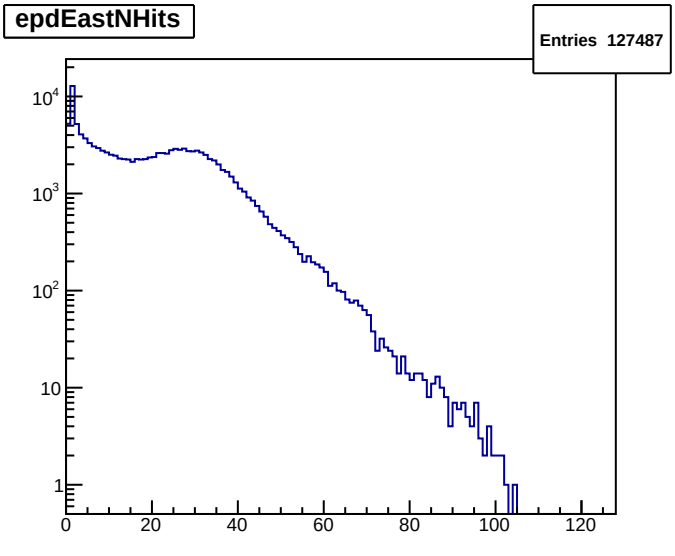
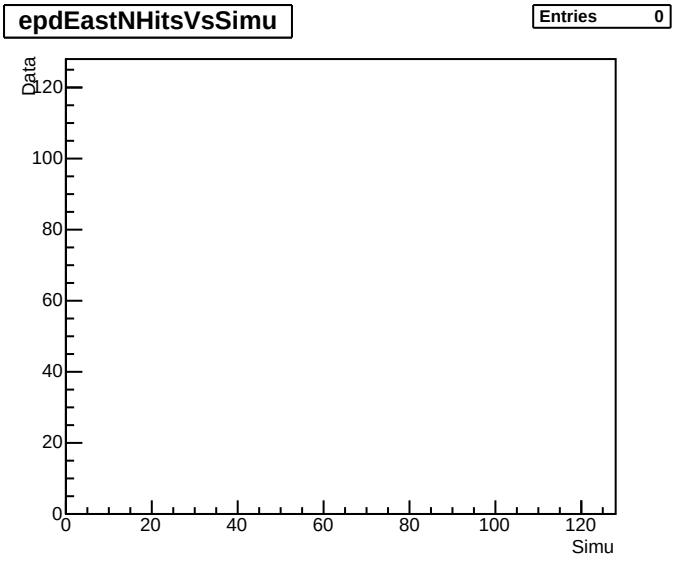
Entries 0
Data
Simu


epdEastTac47
Entries 127487


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 127487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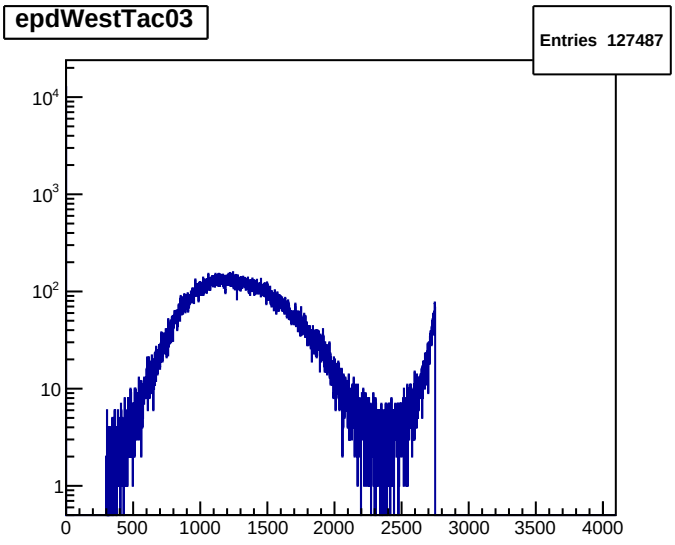
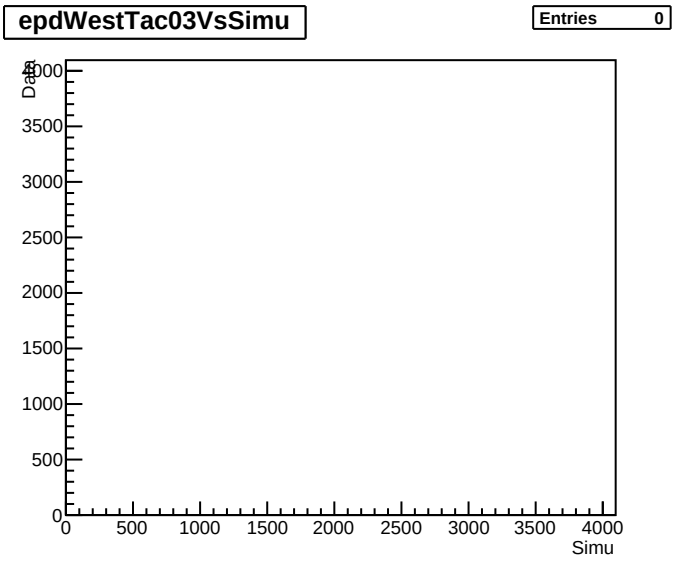
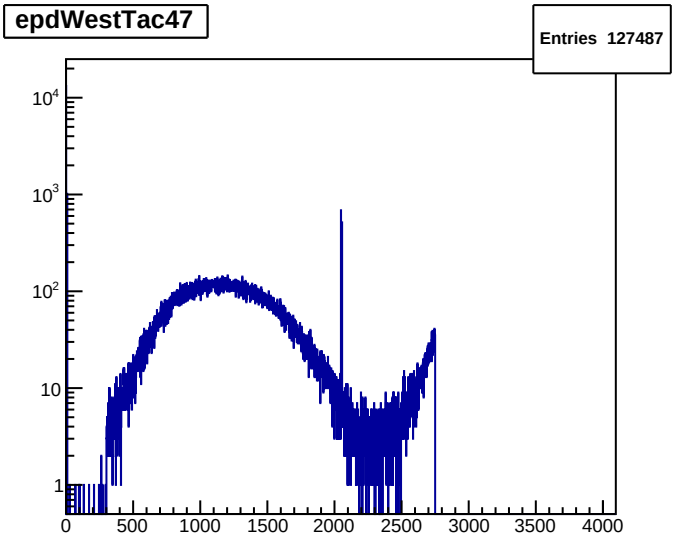
Entries 0
Data
Simu


epdWestTac03
Entries 127487


epdWestTac03VsSimu
Entries 0
Data
Simu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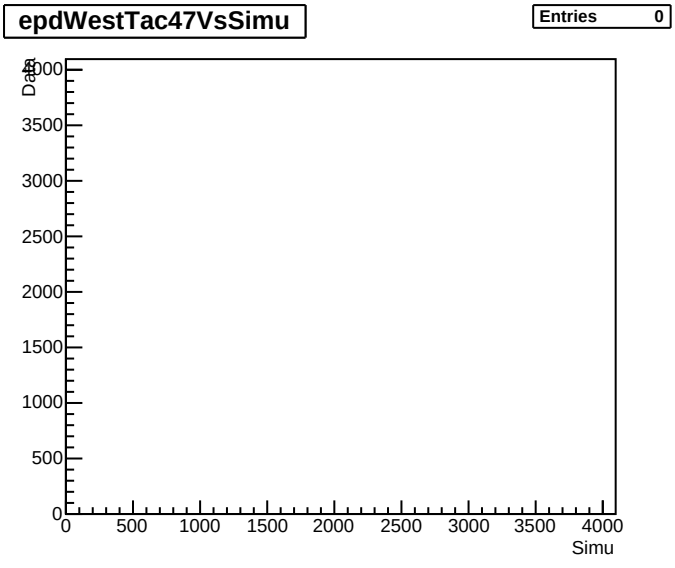
Entries 127487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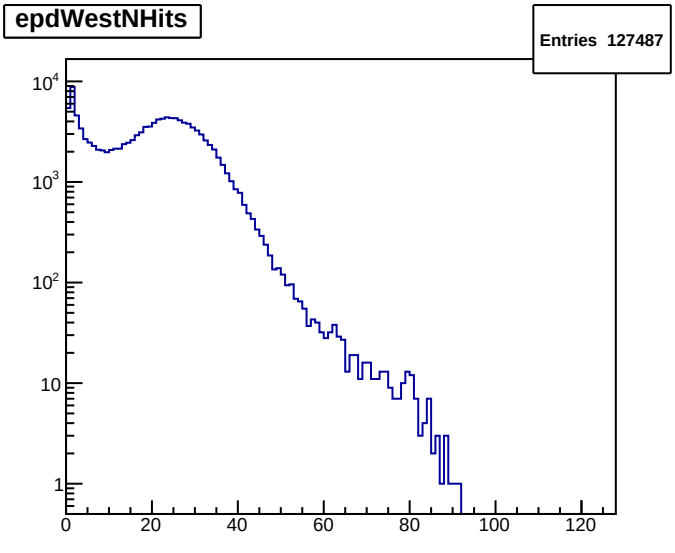
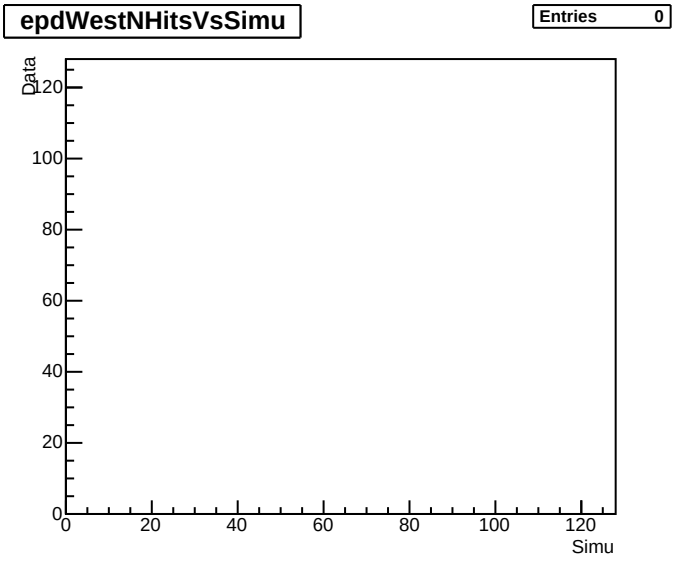
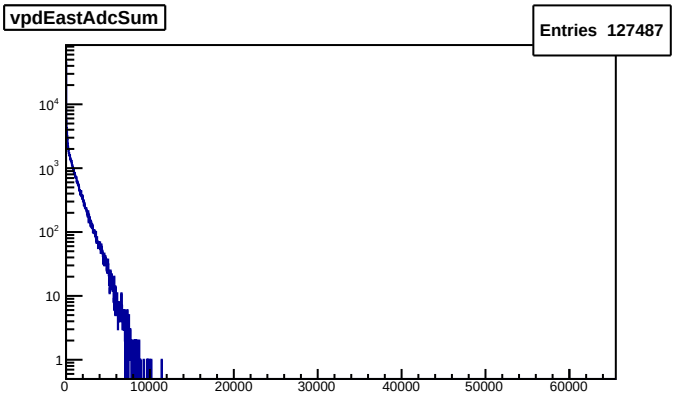
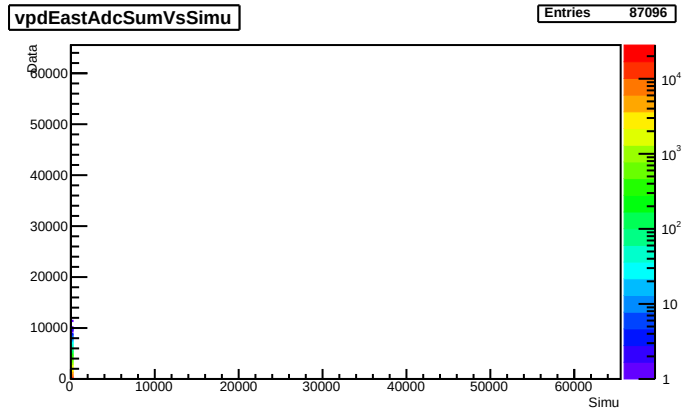
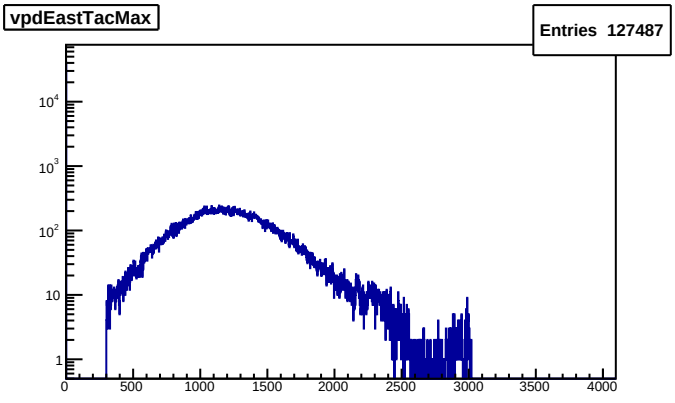
Entries 0
Data
Simu

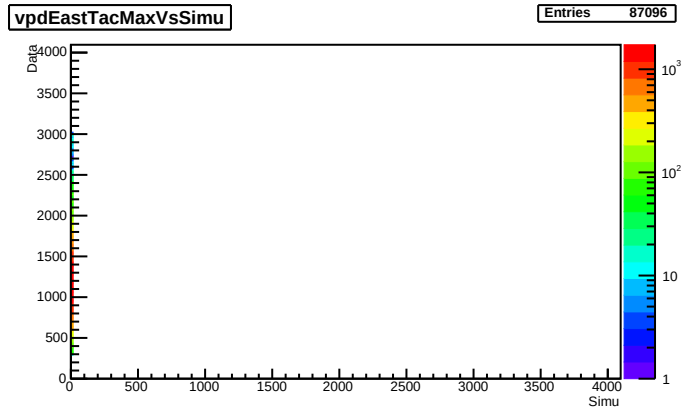

epdWestNHits
Entries 127487

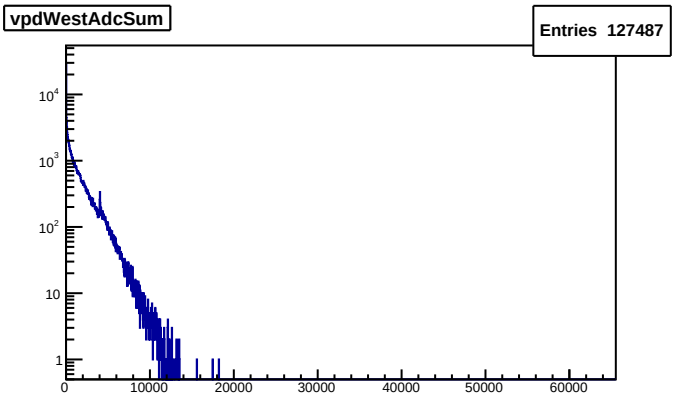

epdWestNHitsVsSimu
Entries 0
Data
Simu

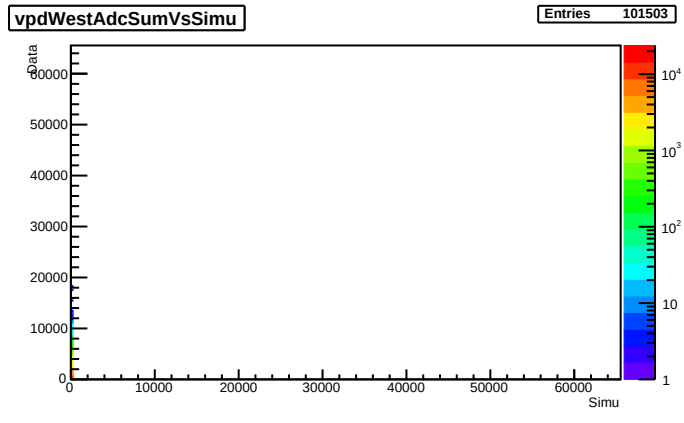

vpdEastAdcSum
Entries 127487

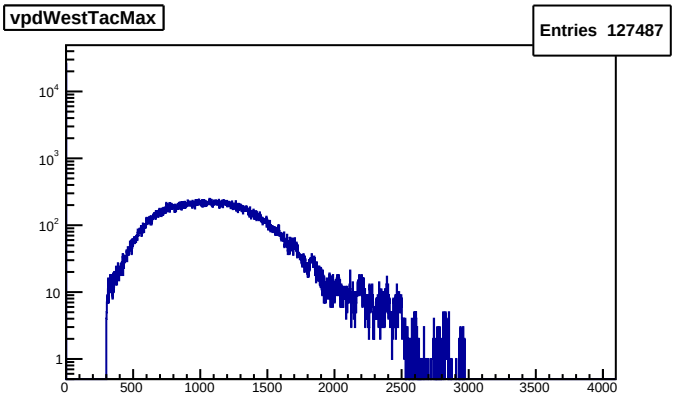

vpdEastAdcSumVsSimu
Entries 87096
Data
Simu

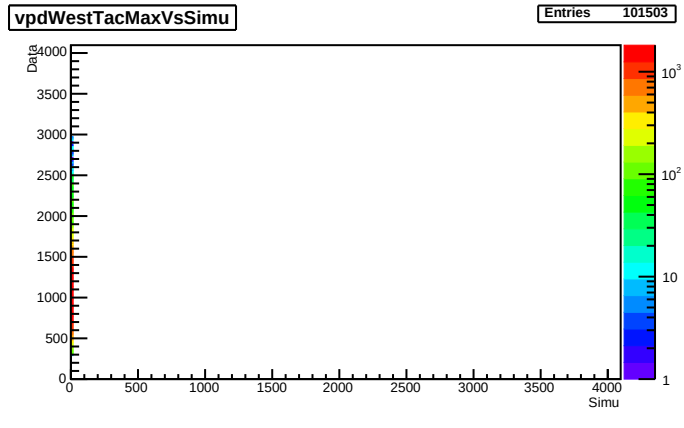

vpdEastTacMax
Entries 127487

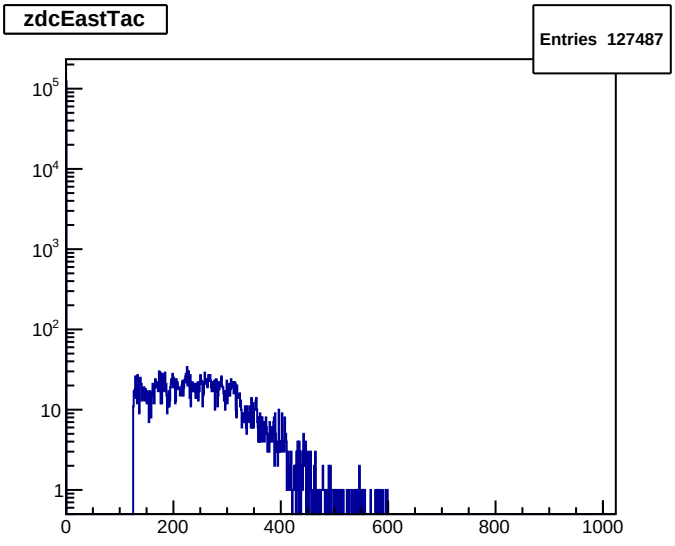

vpdEastTacMaxVsSimu
Entries 87096
Data
Simu

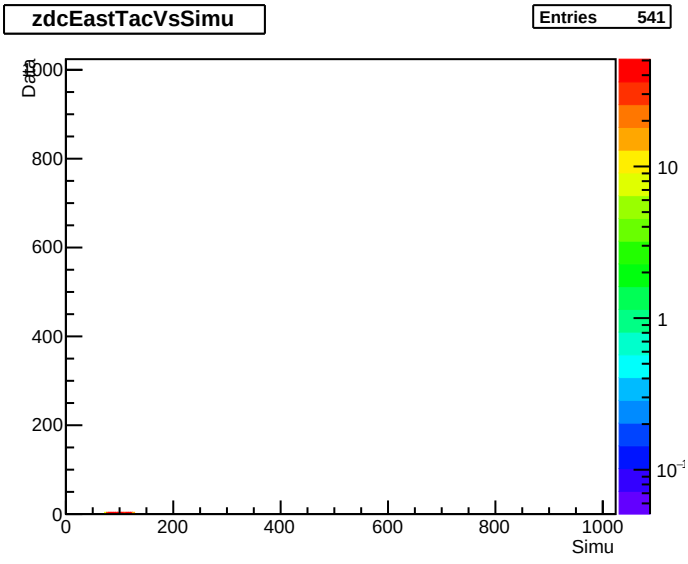

vpdWestAdcSum
Entries 127487

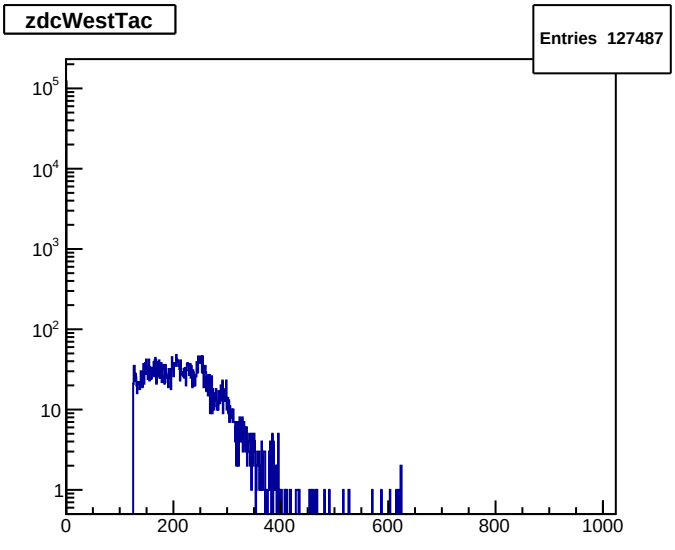

vpdWestAdcSumVsSimu
Entries 101503
Data
Simu

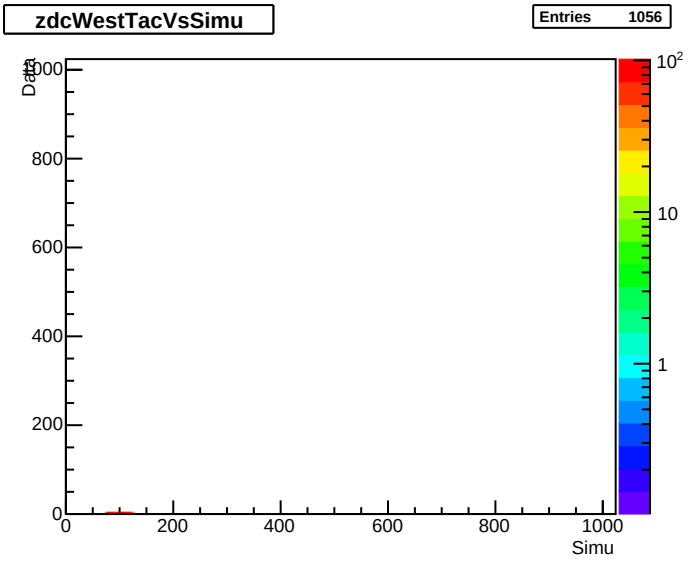

vpdWestTacMax
Entries 127487

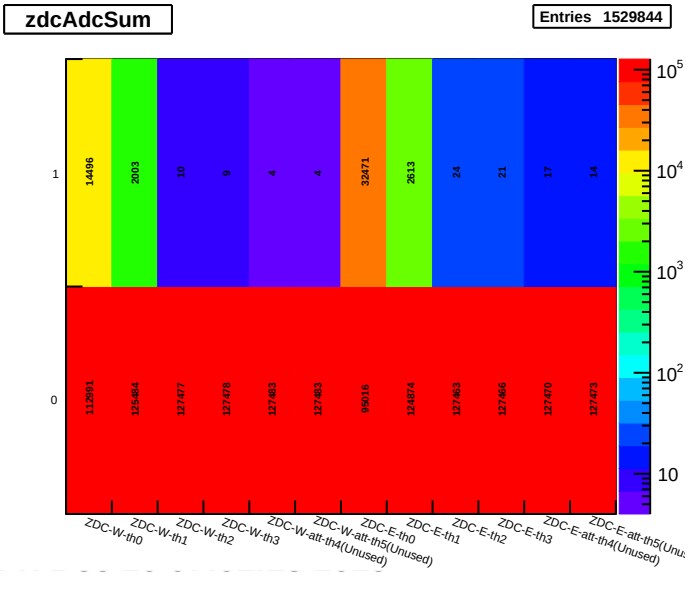

vpdWestTacMaxVsSimu
Entries 101503
Data
Simu

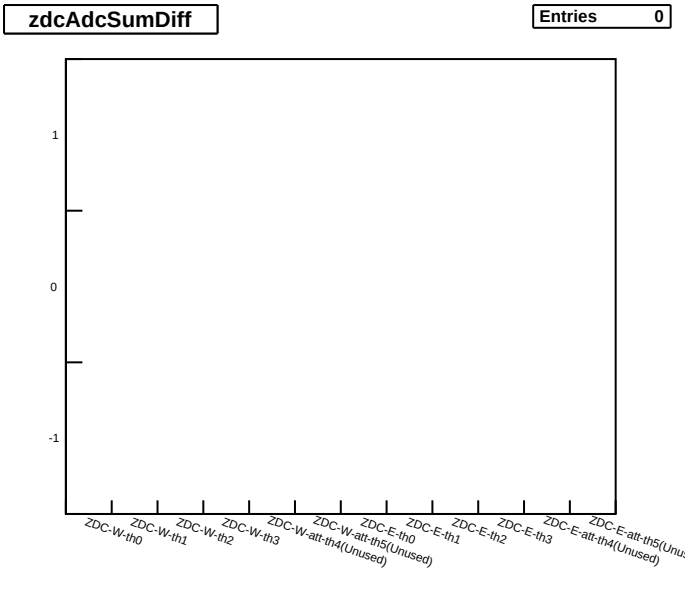

zdcEastTac
Entries 127487

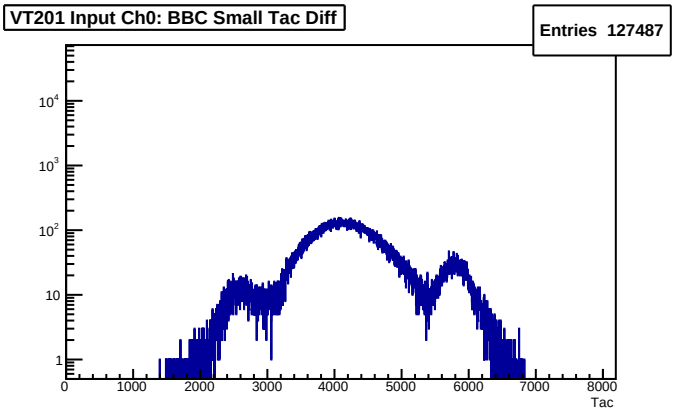

zdcEastTacVsSimu
Entries 541
Data
Simu

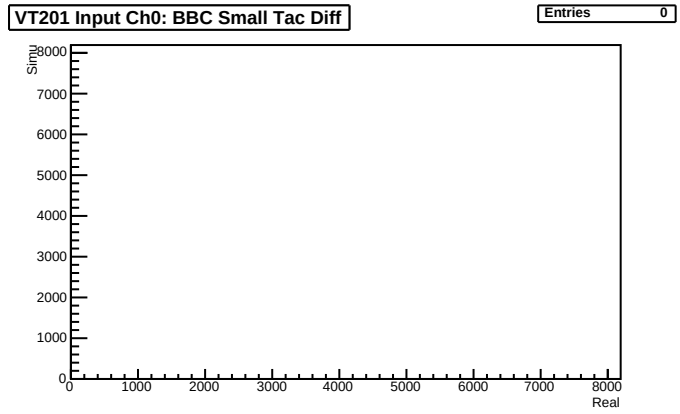

zdcWestTac
Entries 127487

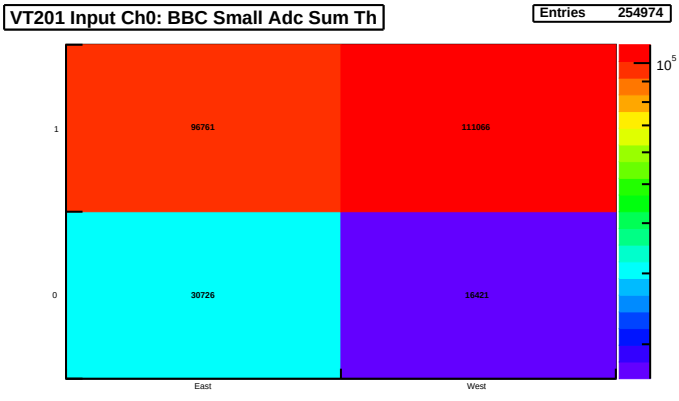

zdcWestTacVsSimu
Entries 1056
Data
Simu

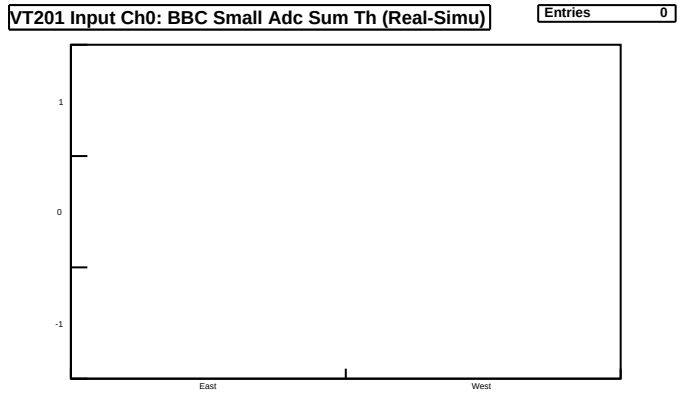

zdcAdcSum
Entries 1529844
14496
2003
10
9
4
4
32471
2613
24
21
17
14
112991
125484
127477
127478
127483
127483
99016
124674
127463
127466
127470
127473
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

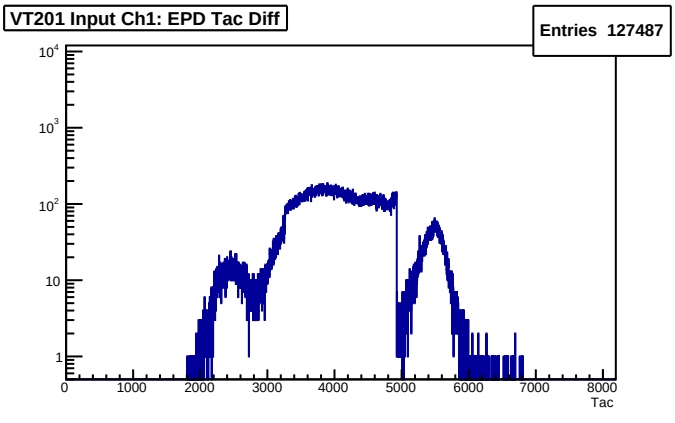

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

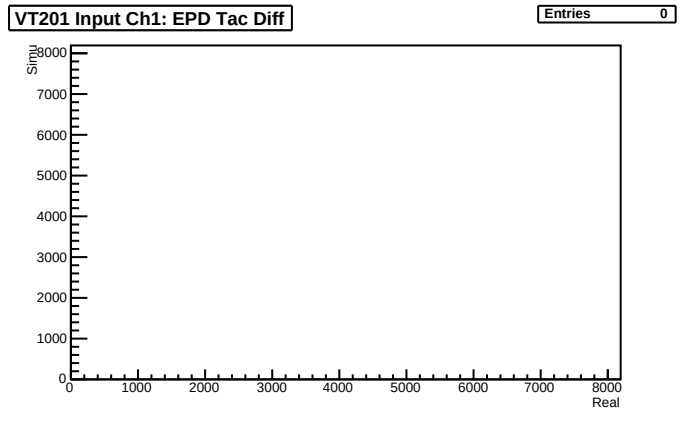

VT201 Input Ch0: BBC Small Tac Diff
Entries 127487
Tac

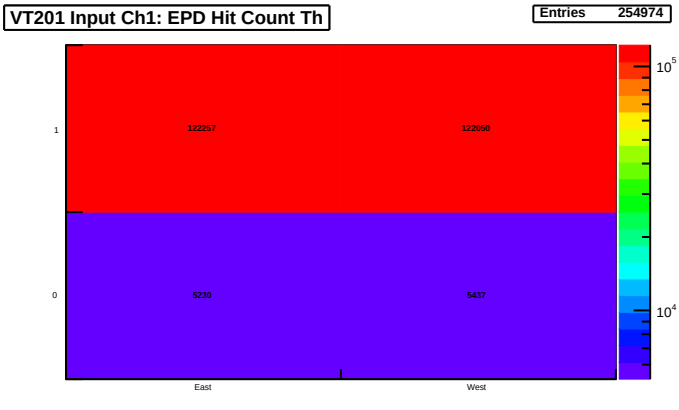

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

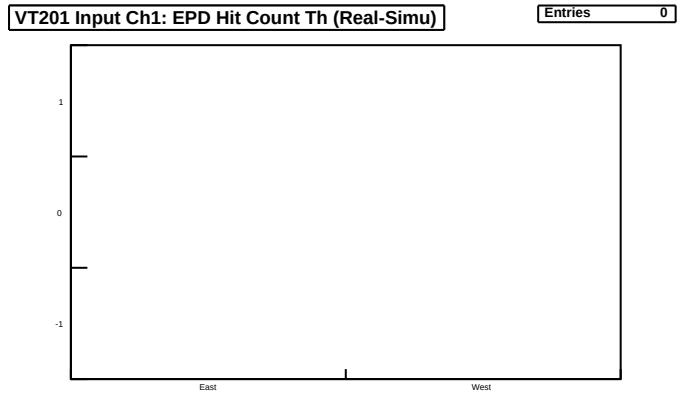

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 254974
96761
111066
30726
16421
East
West

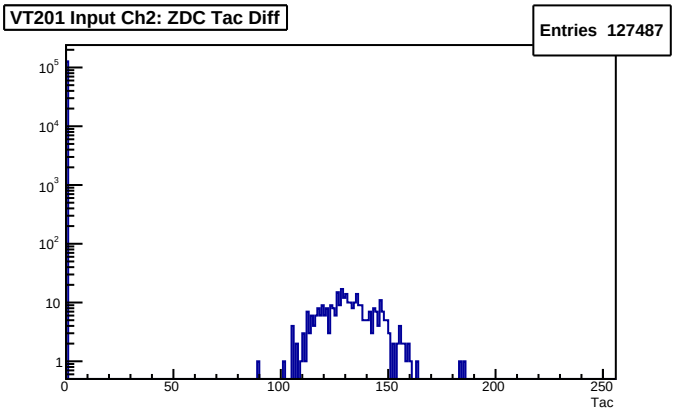

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

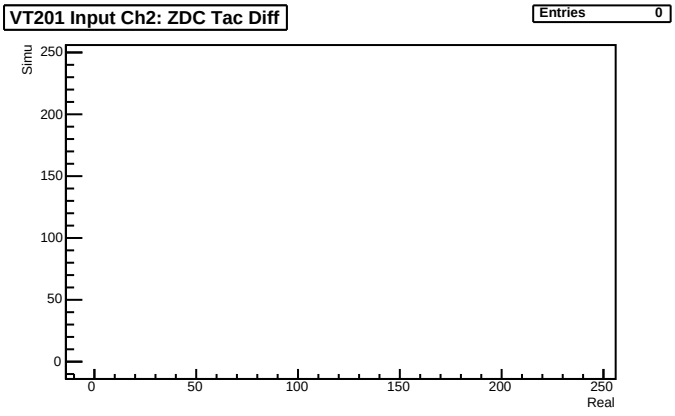

VT201 Input Ch1: EPD Tac Diff
Entries 127487
Tac

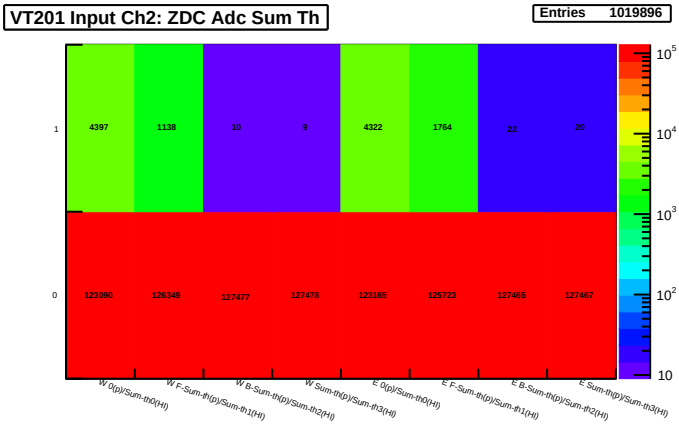

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

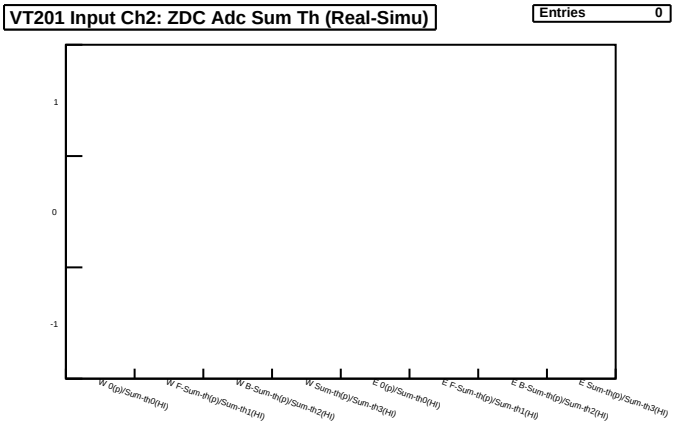

VT201 Input Ch1: EPD Hit Count Th
Entries 254974
122257
122050
5230
5437
East
West

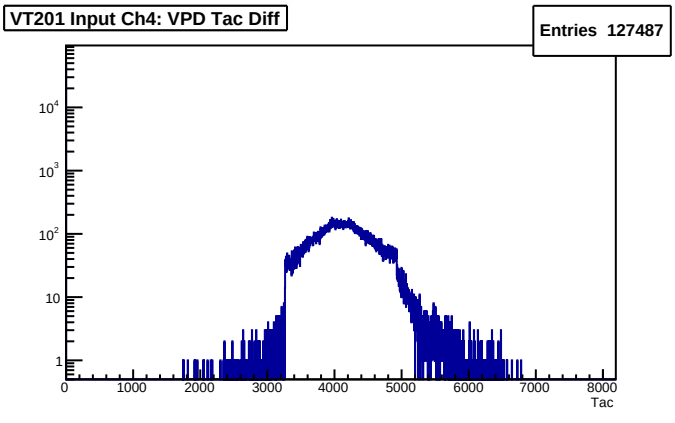

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

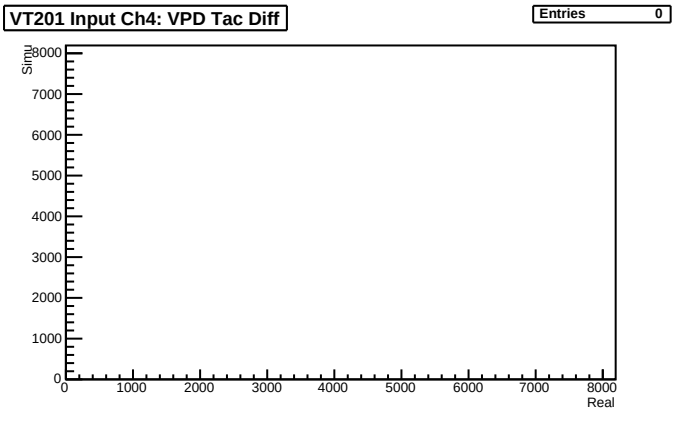

VT201 Input Ch2: ZDC Tac Diff
Entries 127487
Tac

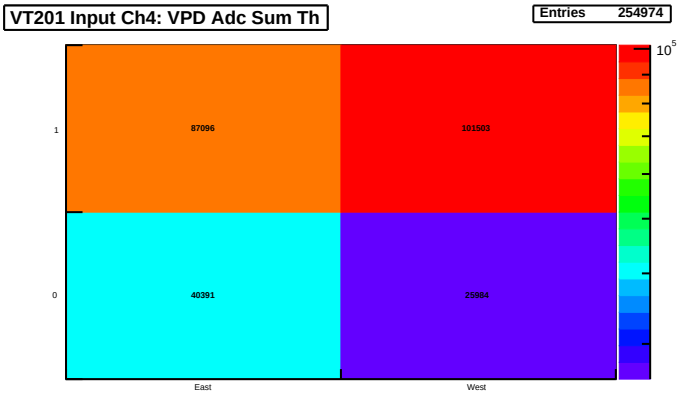

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

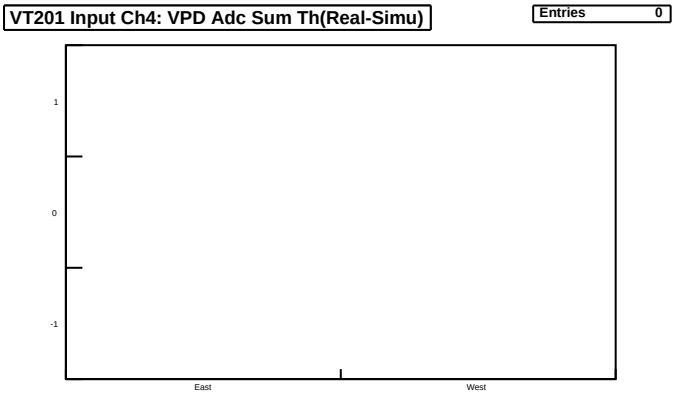

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1019896
4397
1138
10
9
4322
1764
22
20
123090
126349
127477
127478
123165
125723
127465
127467
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

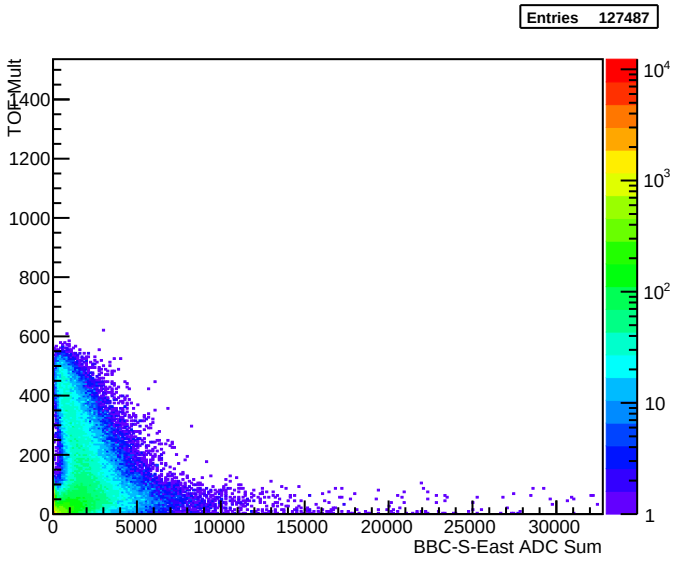

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

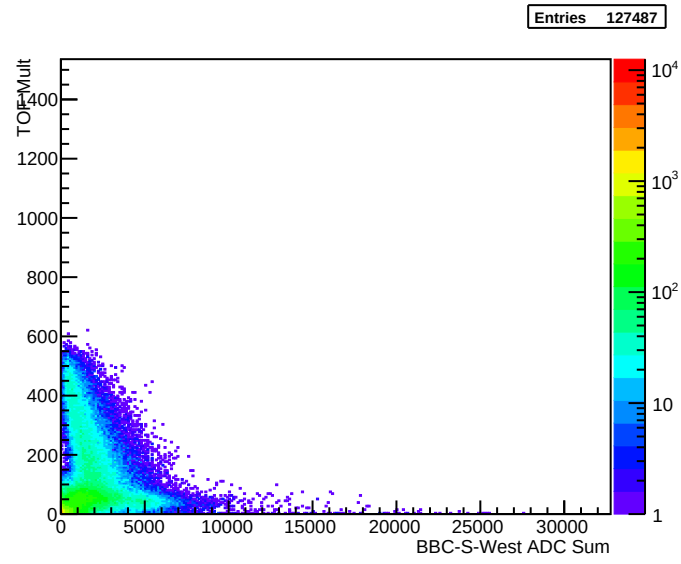

VT201 Input Ch4: VPD Tac Diff
Entries 127487
Tac

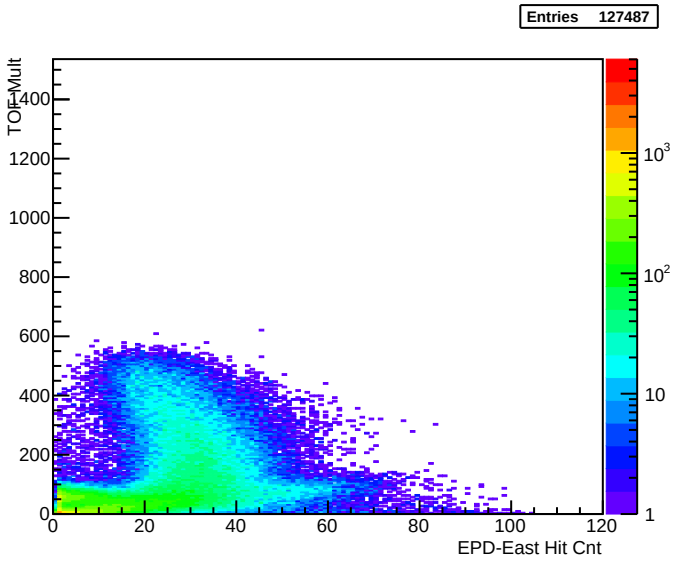

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

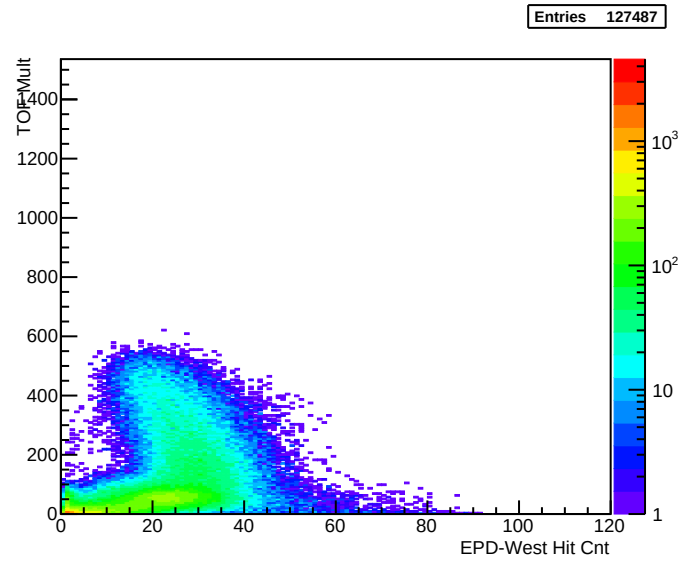

VT201 Input Ch4: VPD Adc Sum Th
Entries 254974
87096
101503
40391
25984
East
West

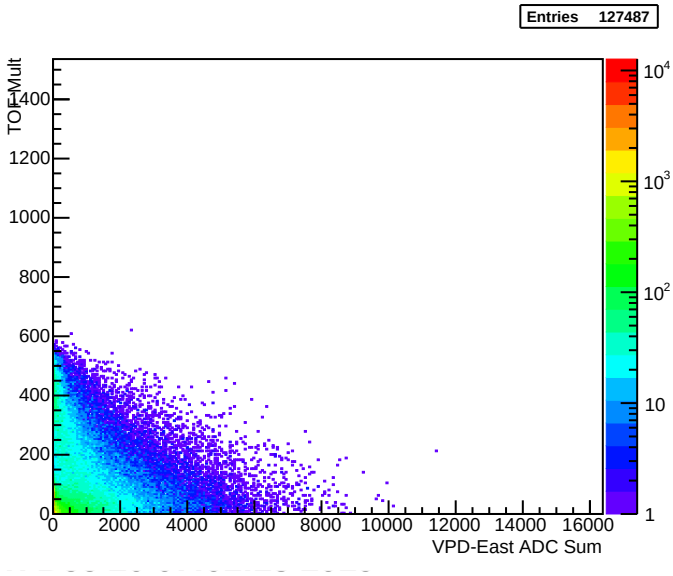

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

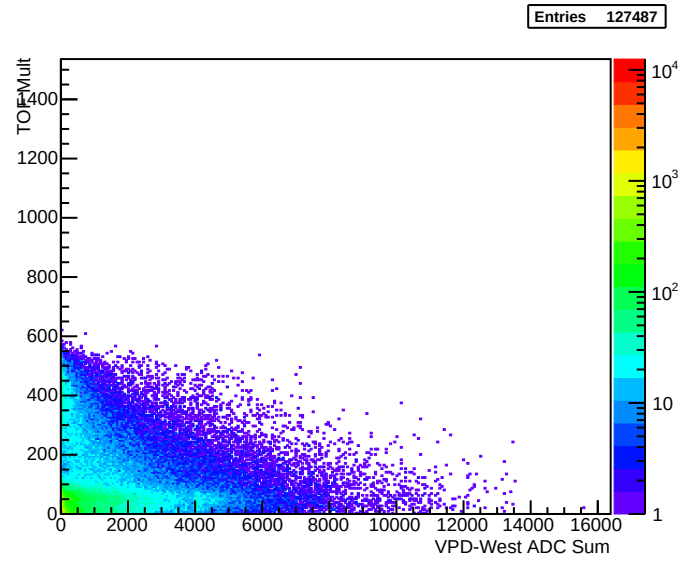

Entries 127487
TOF-Mult
BBC-S-East ADC Sum

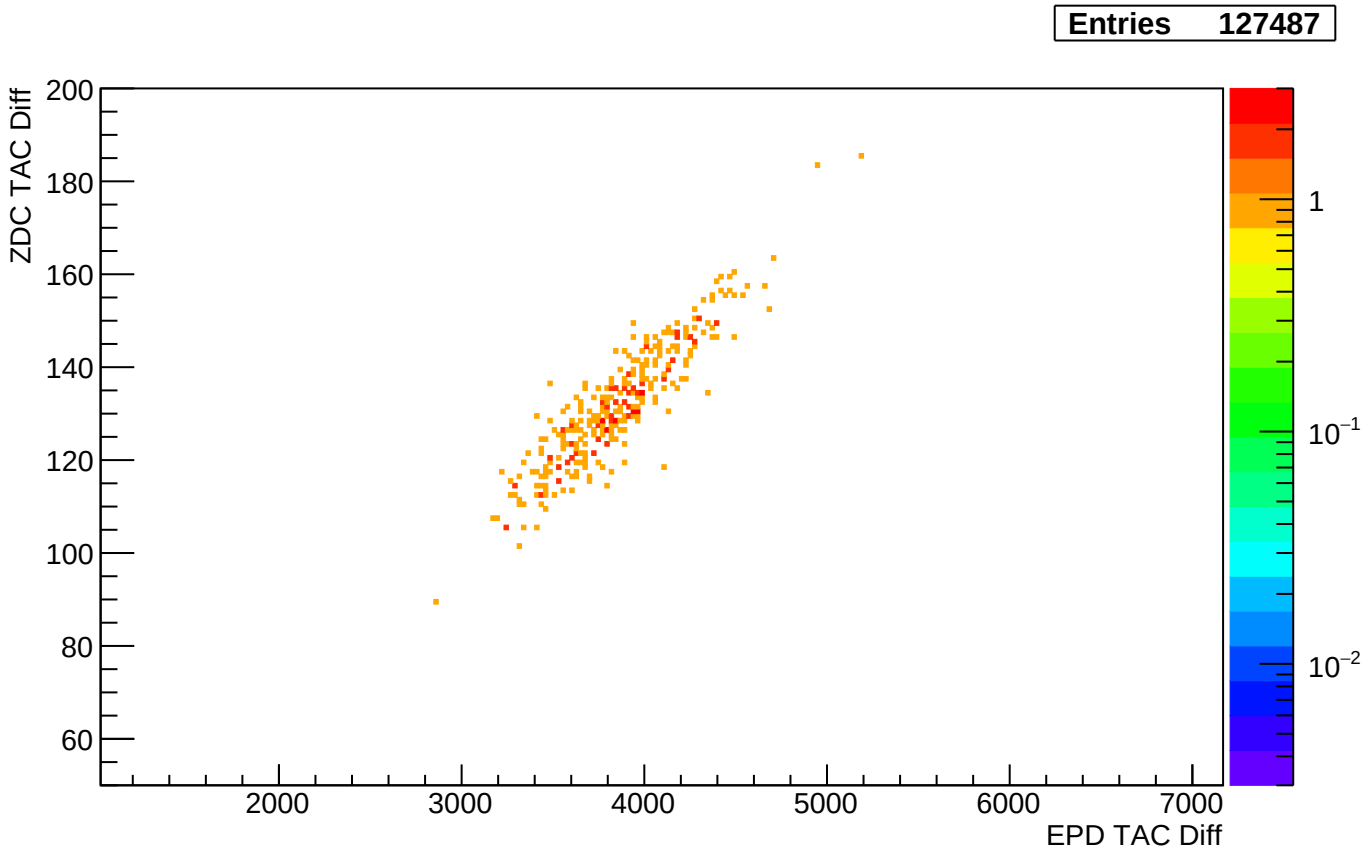

Entries 127487
TOF-Mult
BBC-S-West ADC Sum

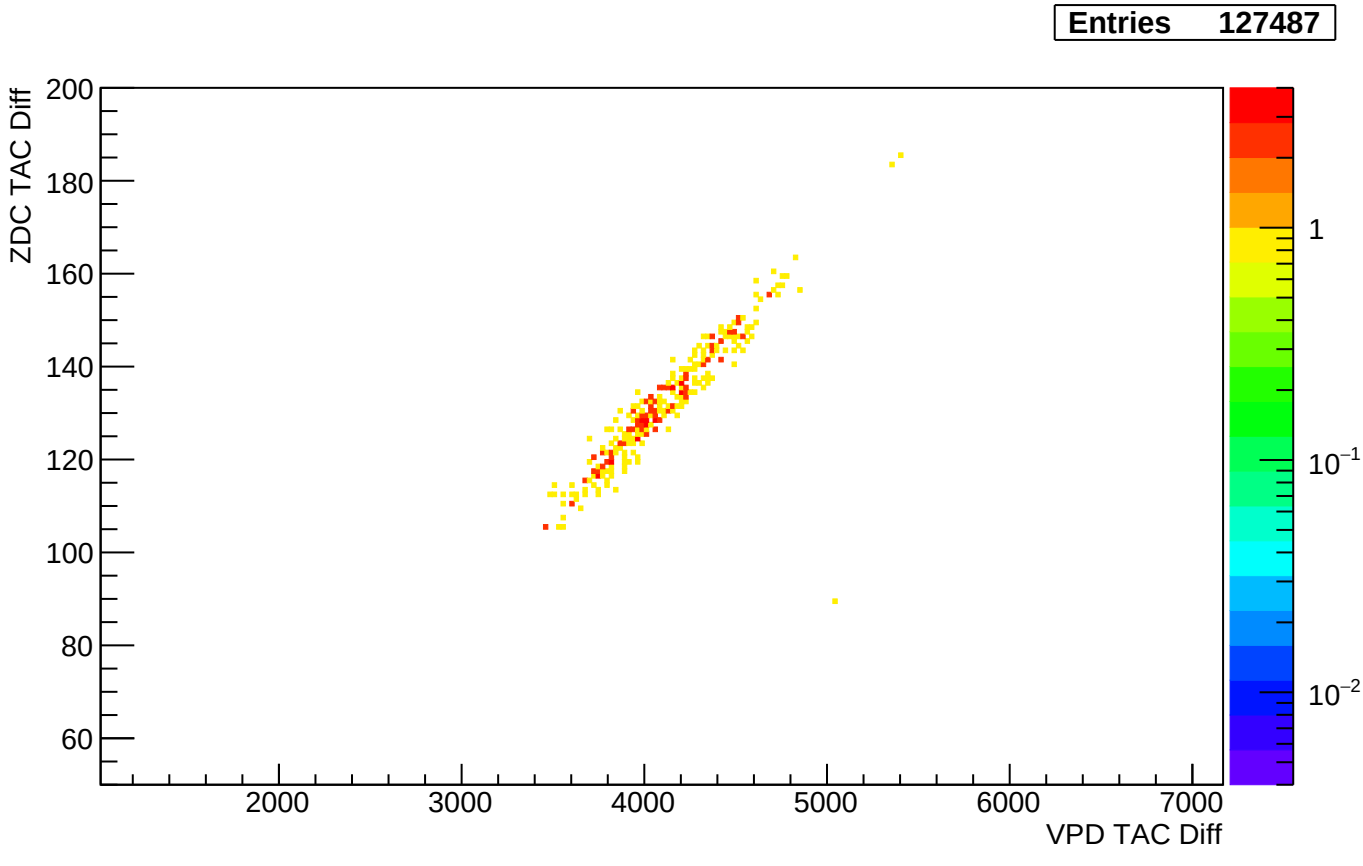

Entries 127487
TOF-Mult
EPD-East Hit Cnt

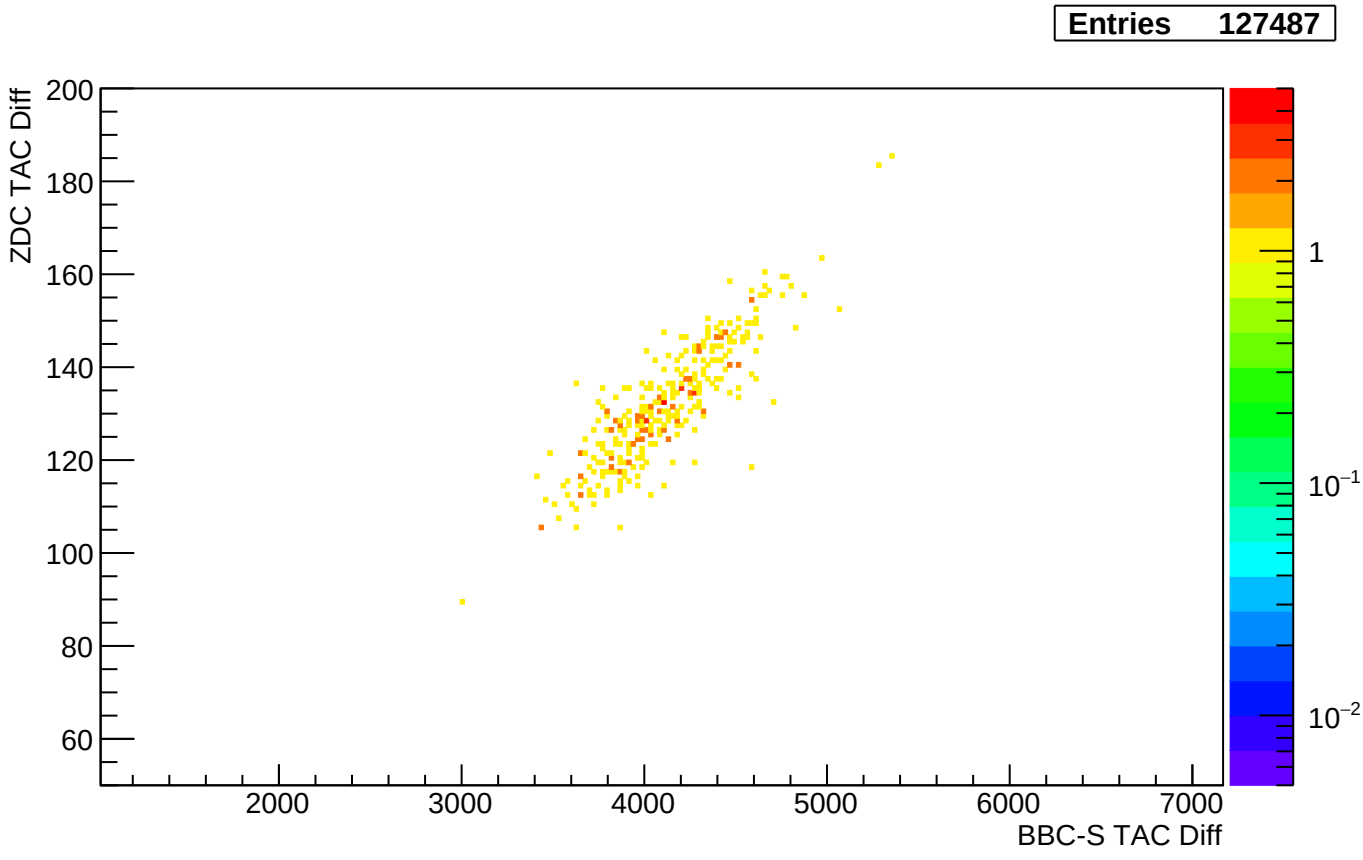

Entries 127487
TOF-Mult
EPD-West Hit Cnt

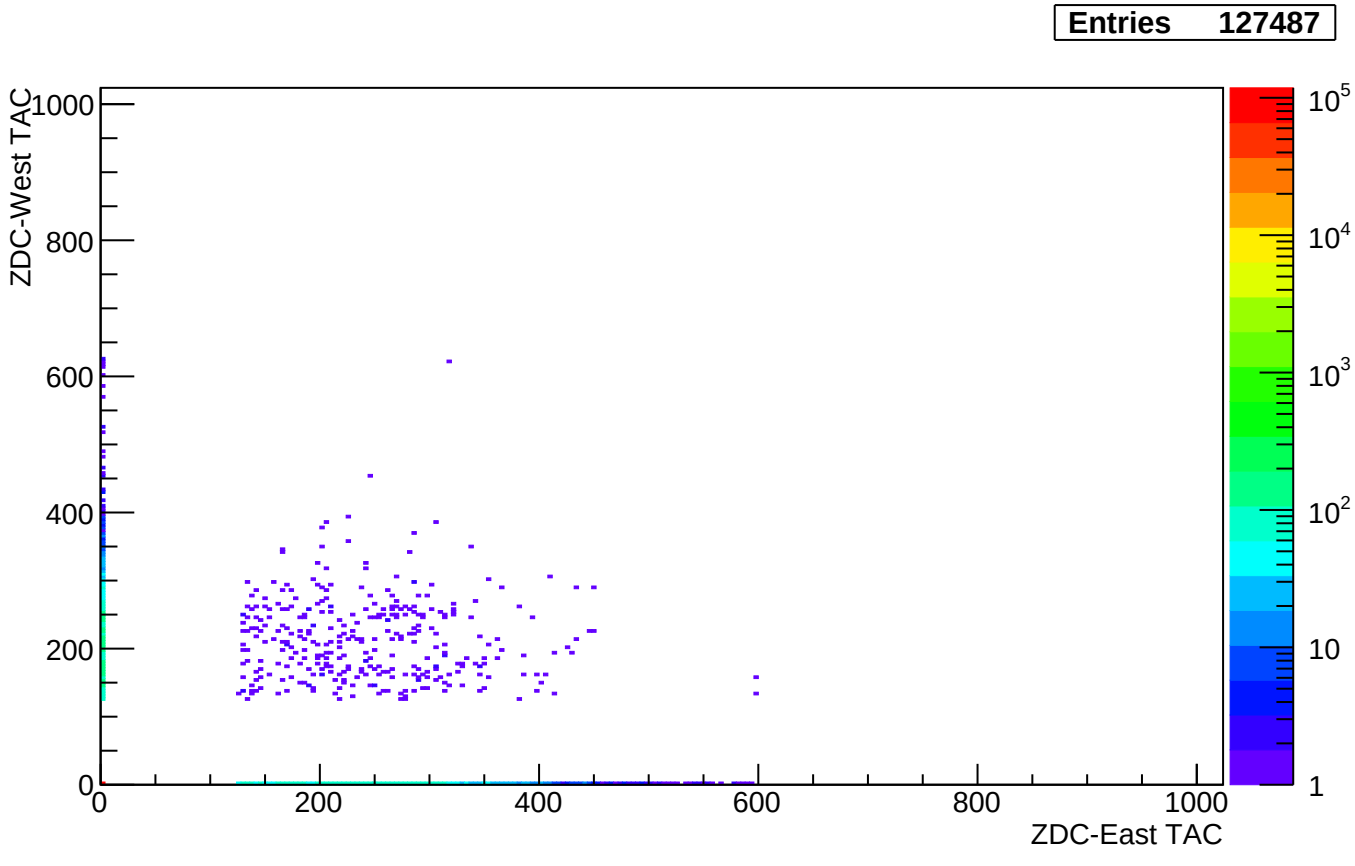

Entries 127487
TOF-Mult
VPD-East ADC Sum

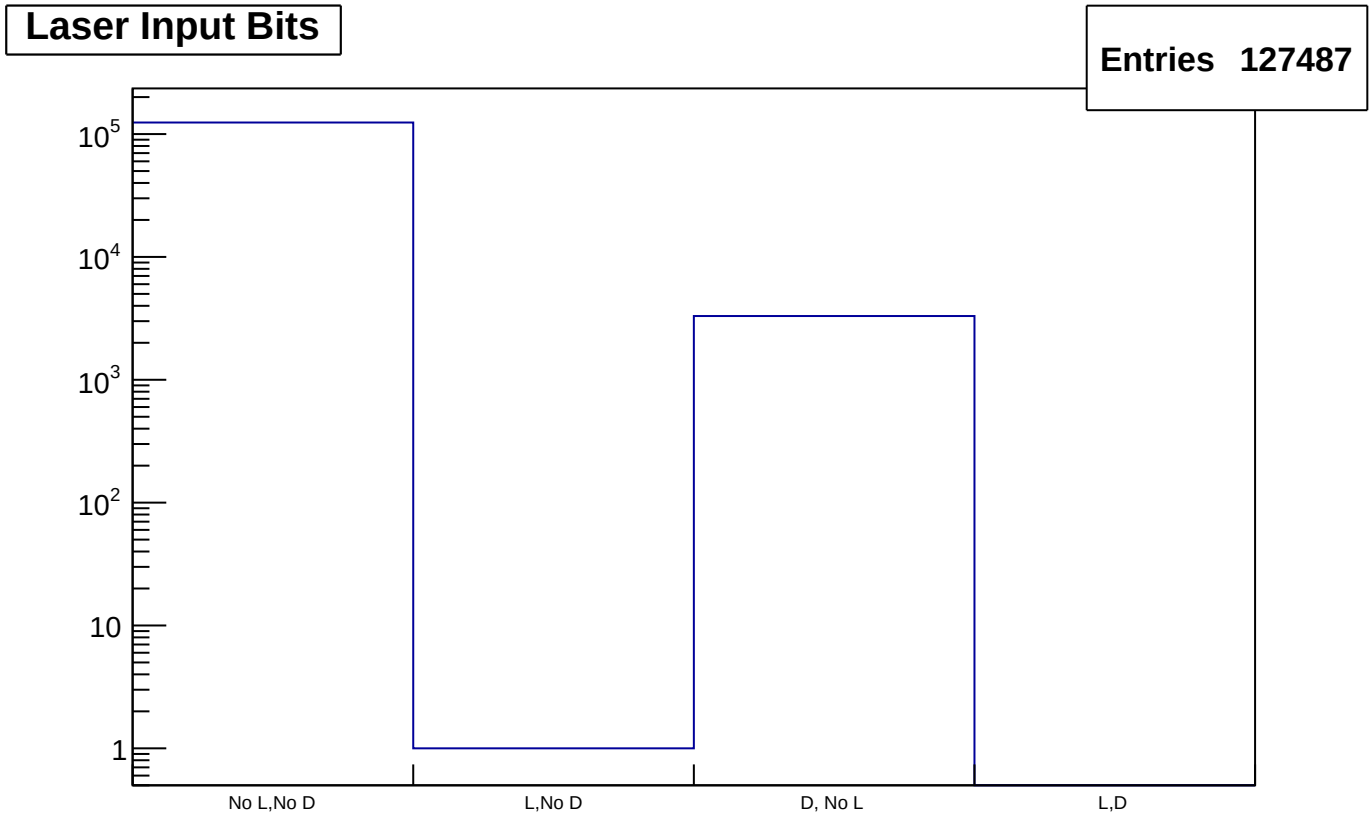

Entries 127487
TOF-Mult
VPD-West ADC Sum

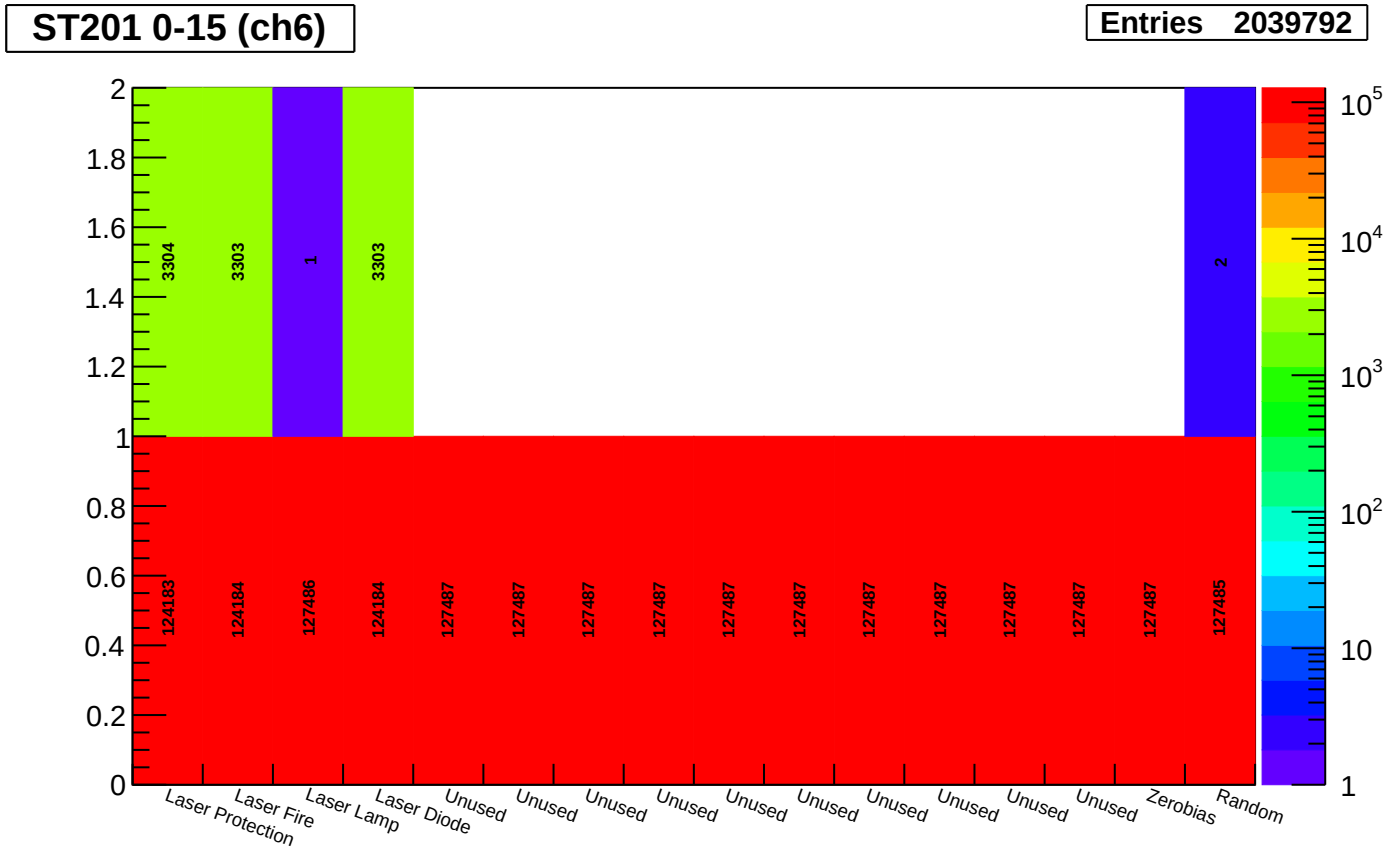

Entries 127487
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

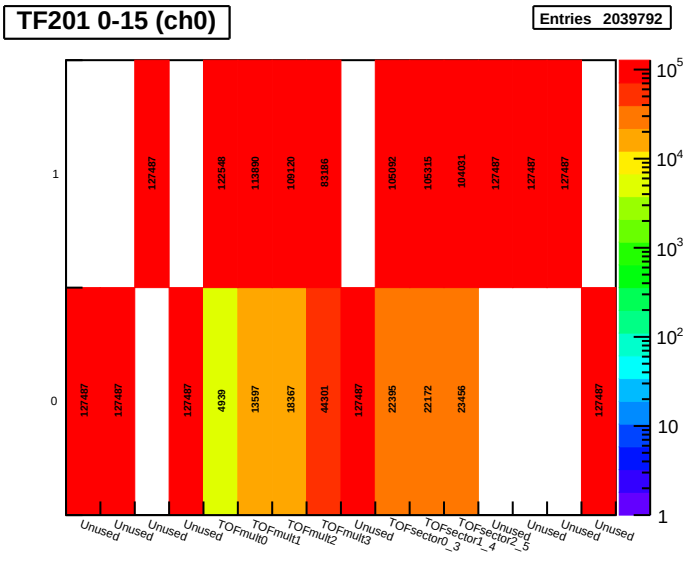

Entries 127487
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

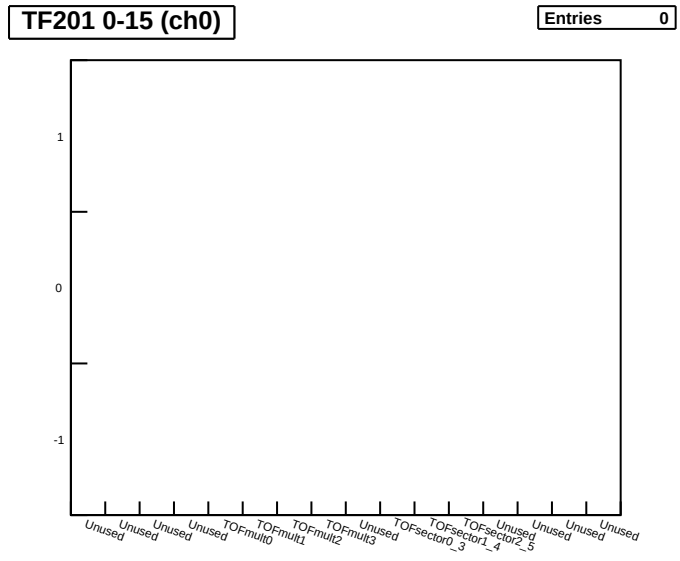

Entries 127487
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

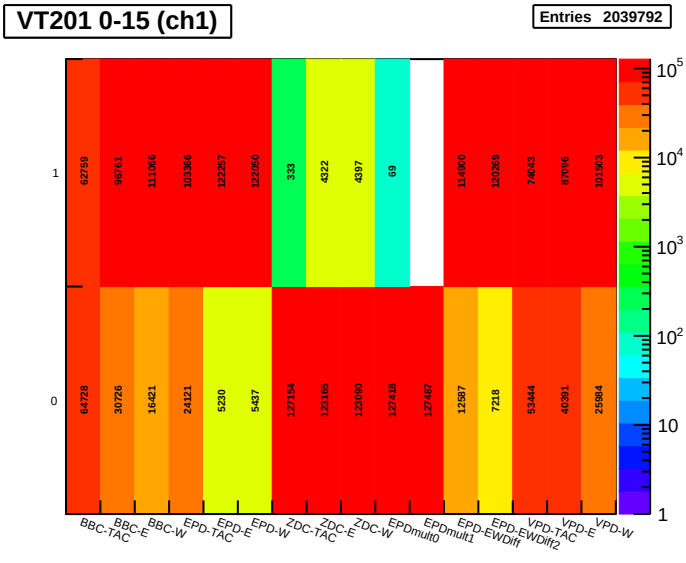

Entries 127487
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

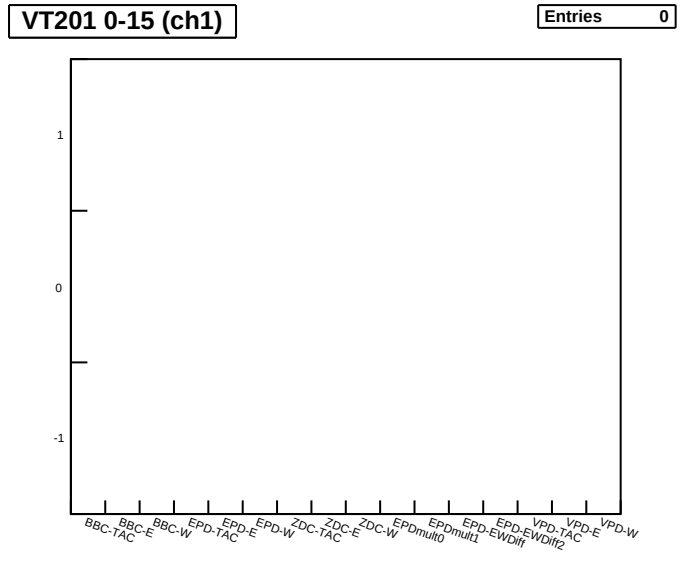

Laser Input Bits
Entries 127487
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

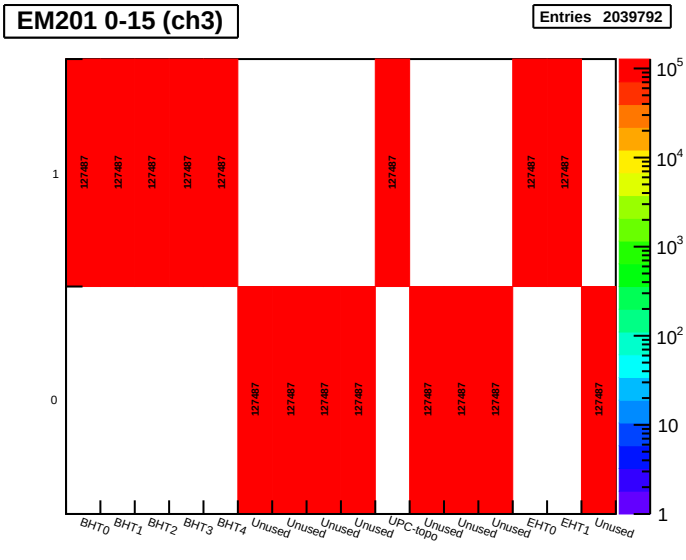

ST201 0-15 (ch6)
Entries 2039792
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3304
3303
1
3303
2
124183
124184
127486
124184
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127485
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

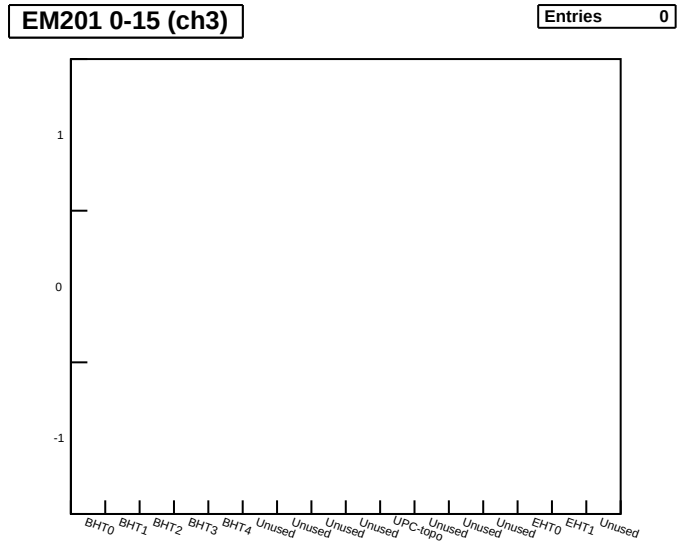

TF201 0-15 (ch0)
Entries 2039792
1
0
127487
122548
113890
109120
83186
105092
105315
104031
127487
127487
127487
127487
127487
127487
127487
4939
13597
18367
44301
127487
22395
22172
23456
127487
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 2039792
1
0
62759
95761
111066
103366
122257
122050
333
4322
4397
69
114900
120269
74043
87096
101503
64728
30726
16421
24121
5230
5437
127154
123165
123090
127418
127487
125877
7218
53444
40391
25984
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 2039792
1
0
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
127487
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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