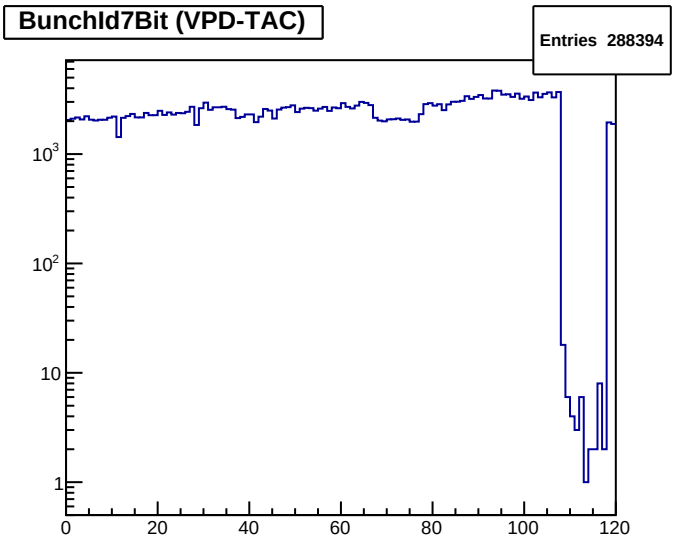
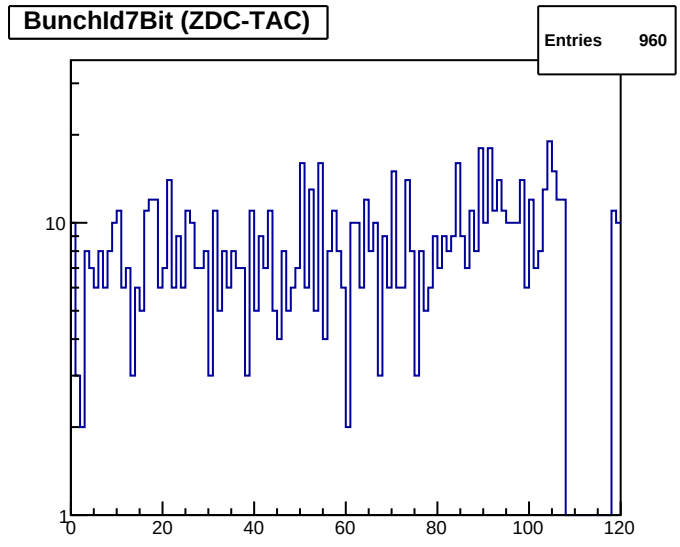
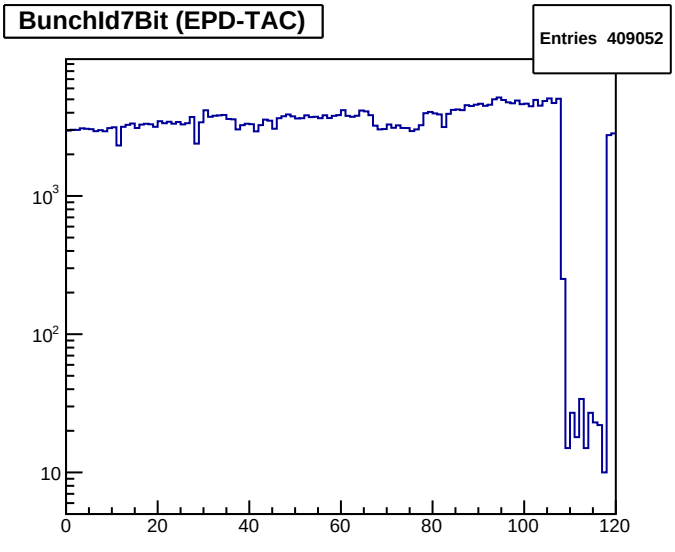
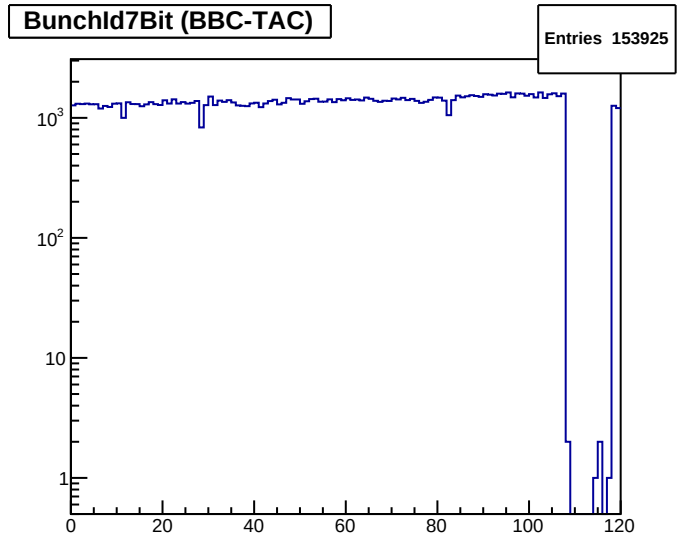
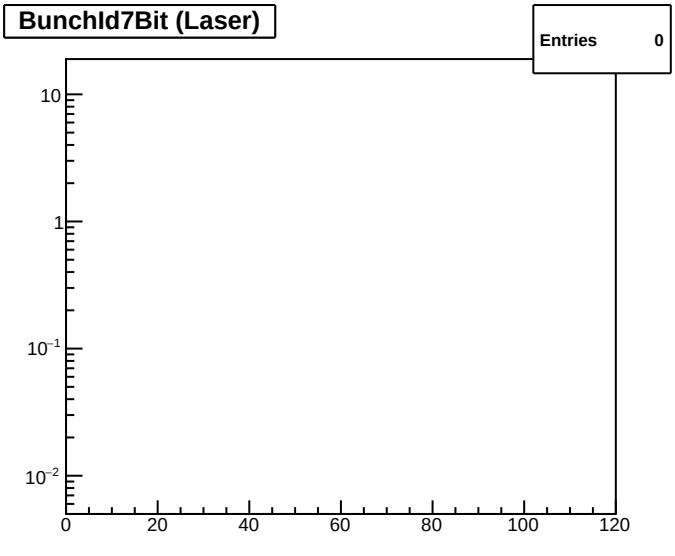
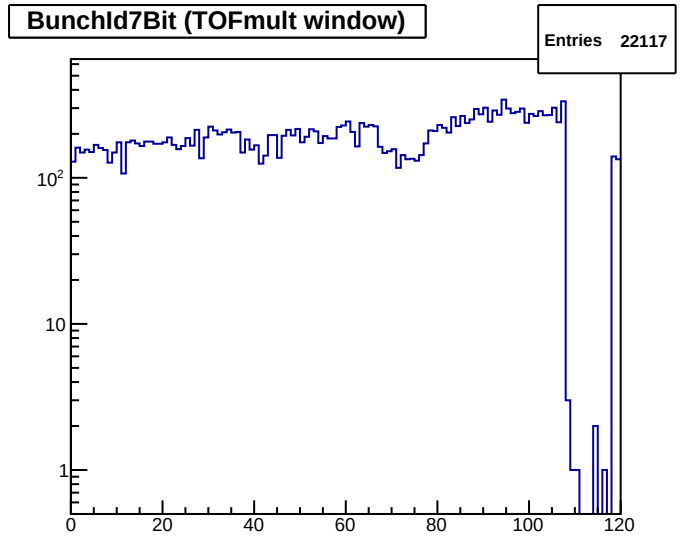

BunchId7Bit (VPD-TAC)
Entries 288394

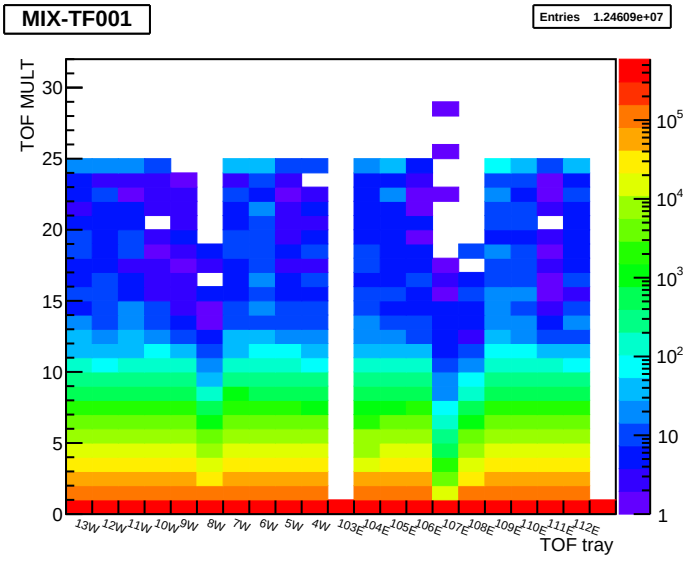

BunchId7Bit (ZDC-TAC)
Entries 960

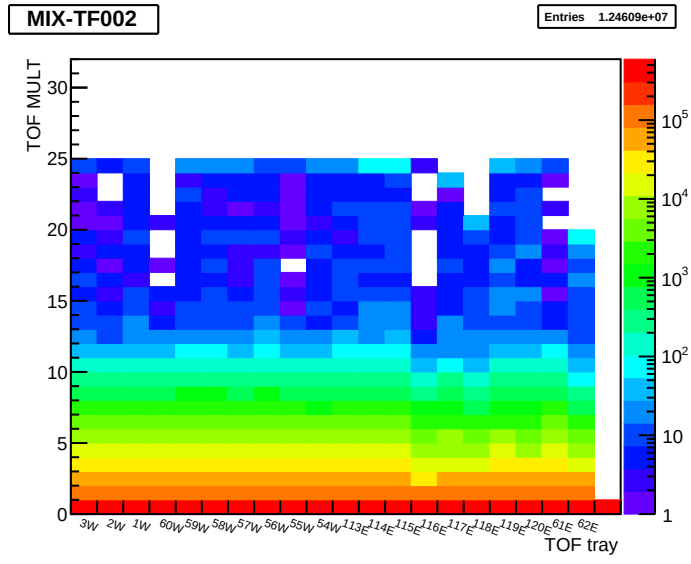

BunchId7Bit (EPD-TAC)
Entries 409052

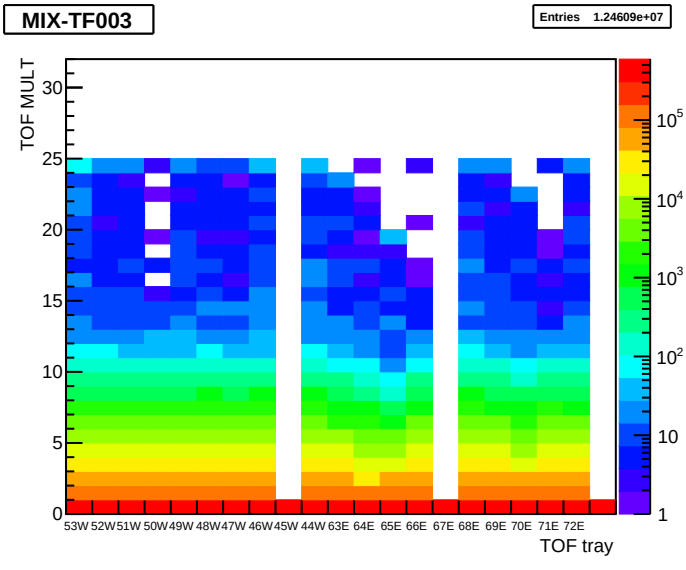

BunchId7Bit (BBC-TAC)
Entries 153925

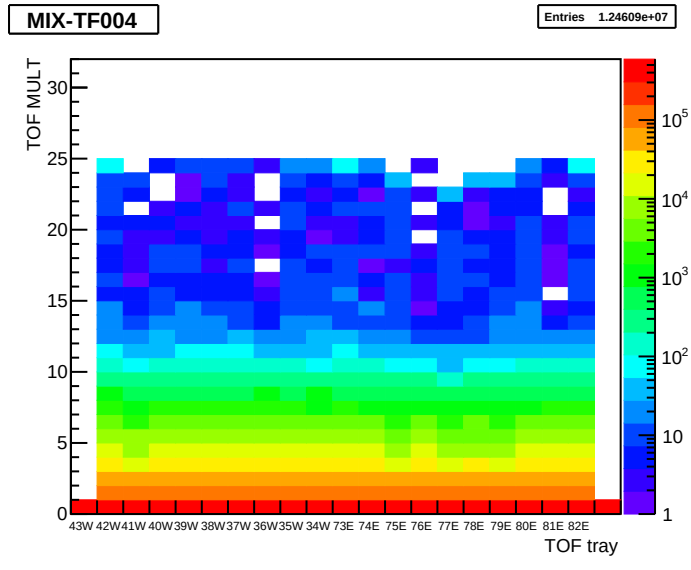

BunchId7Bit (Laser)
Entries 0

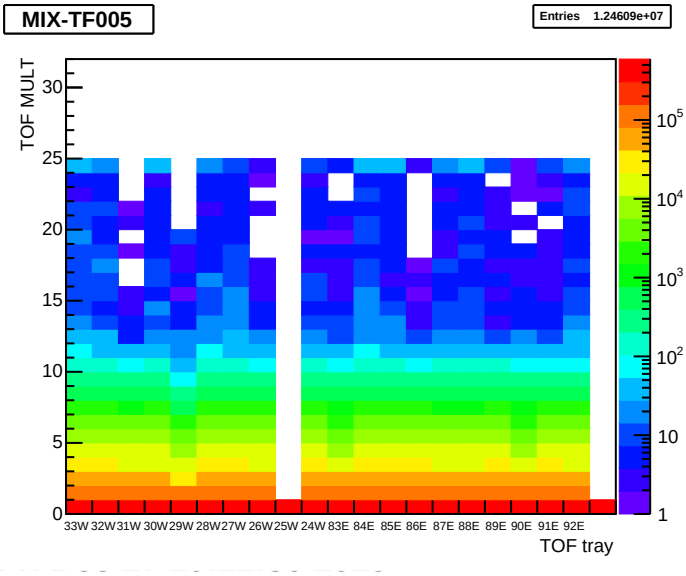

BunchId7Bit (TOFmult window)
Entries 22117

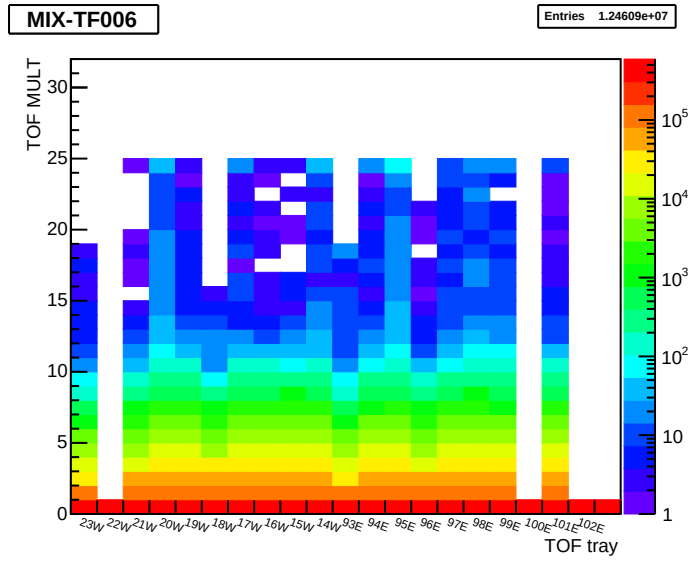

MIX-TF001
Entries 1.24609e+07
TOF MULT
TOF tray

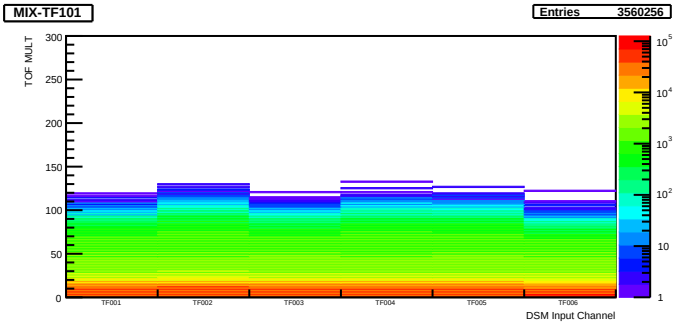

MIX-TF002
Entries 1.24609e+07
TOF MULT
TOF tray

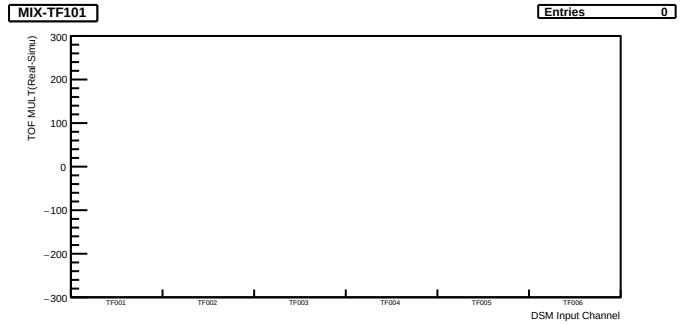

MIX-TF003
Entries 1.24609e+07
TOF MULT
TOF tray

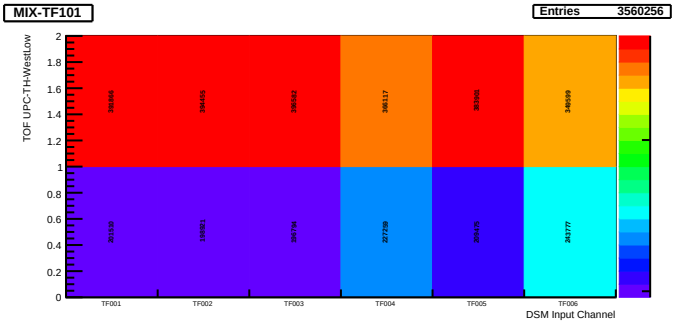

MIX-TF004
Entries 1.24609e+07
TOF MULT
TOF tray

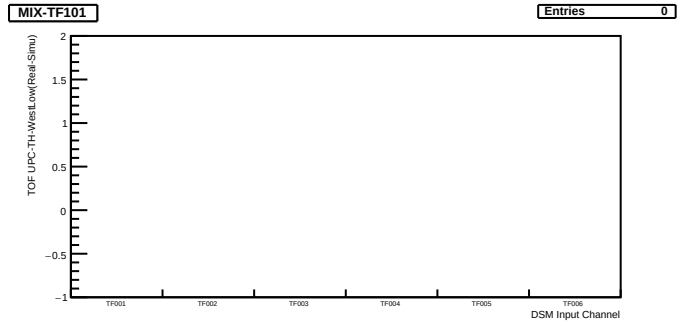

MIX-TF005
Entries 1.24609e+07
TOF MULT
TOF tray

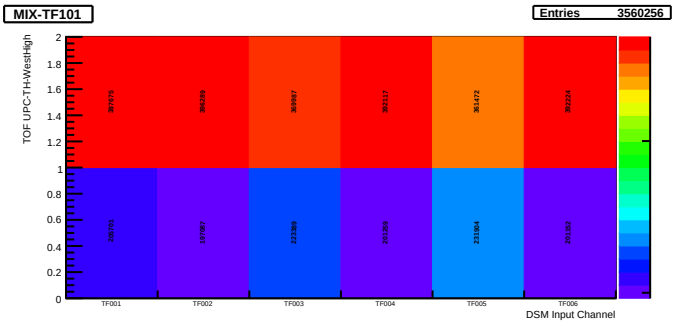

MIX-TF006
Entries 1.24609e+07
TOF MULT
TOF tray

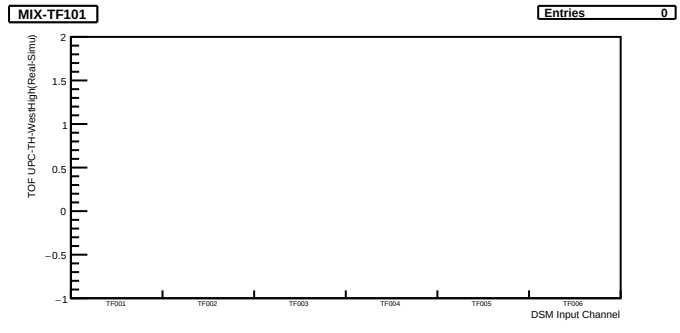

MIX-TF101
Entries 3560256
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

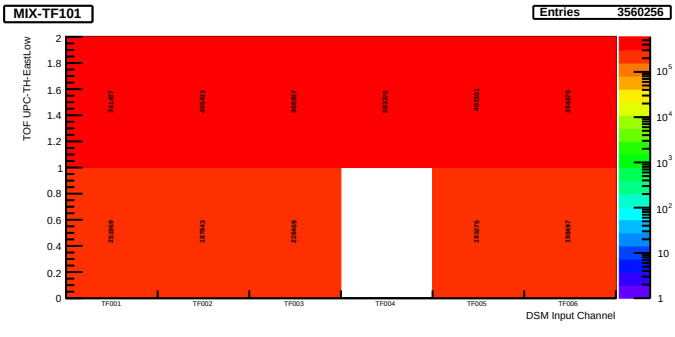

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

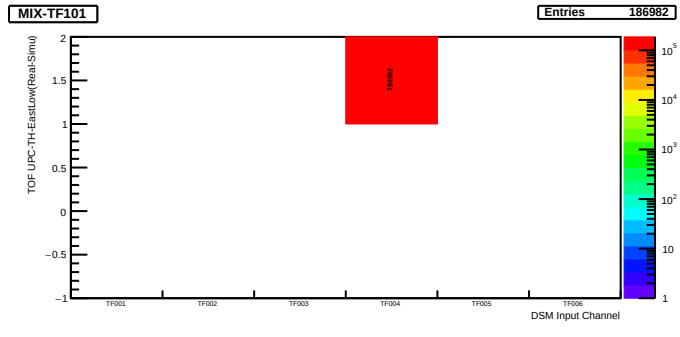

MIX-TF101
Entries 3560256
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

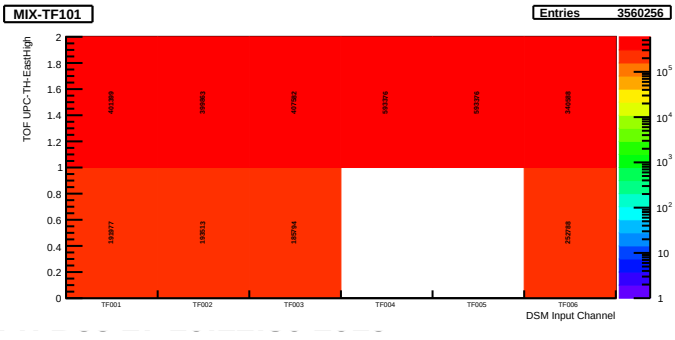

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

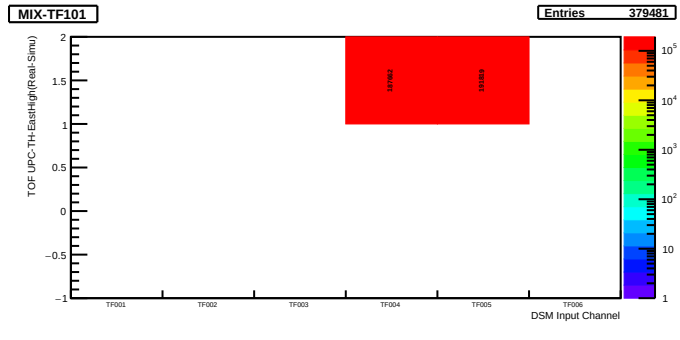

MIX-TF101
Entries 3560256
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

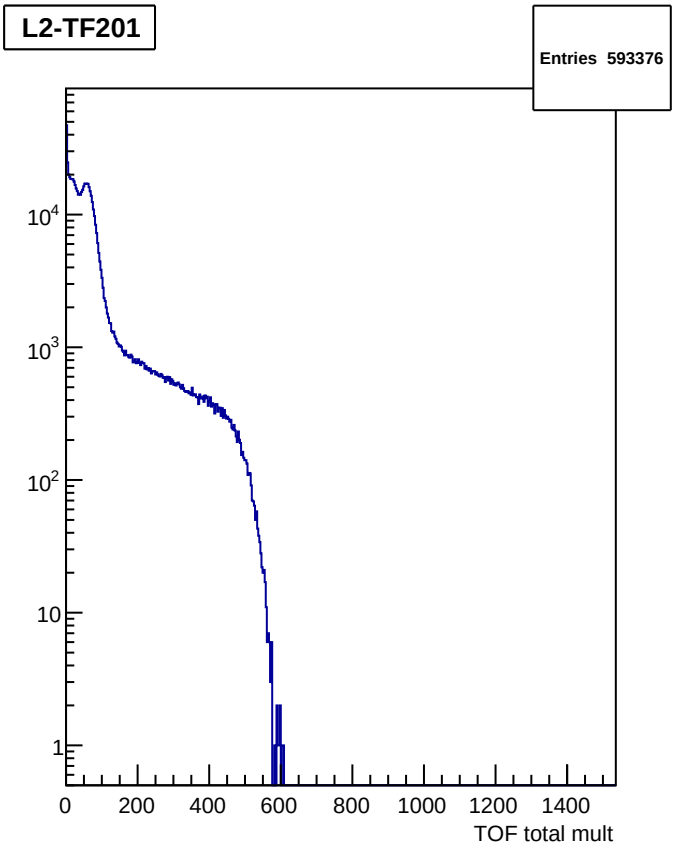

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

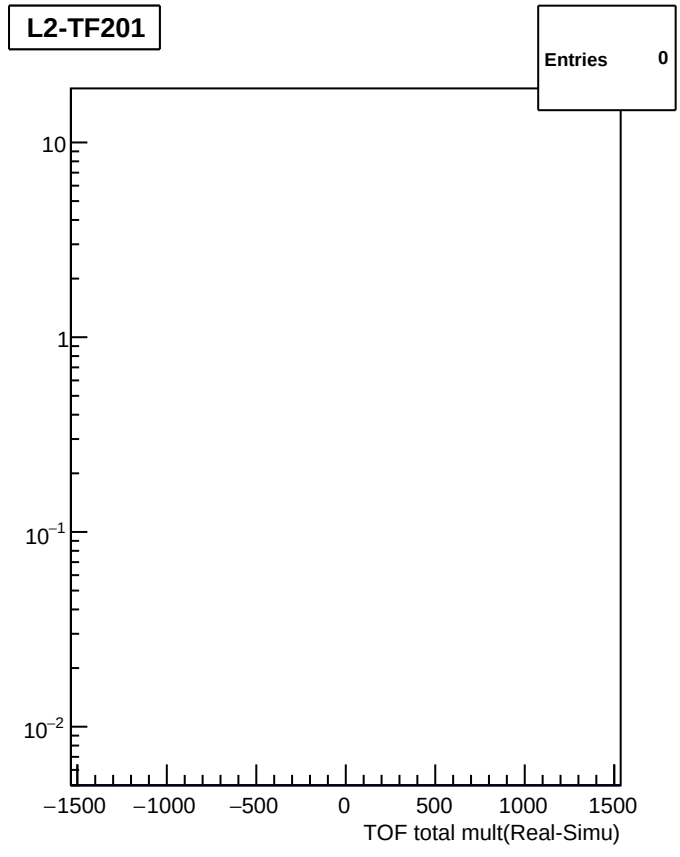

MIX-TF101
Entries 3560256
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

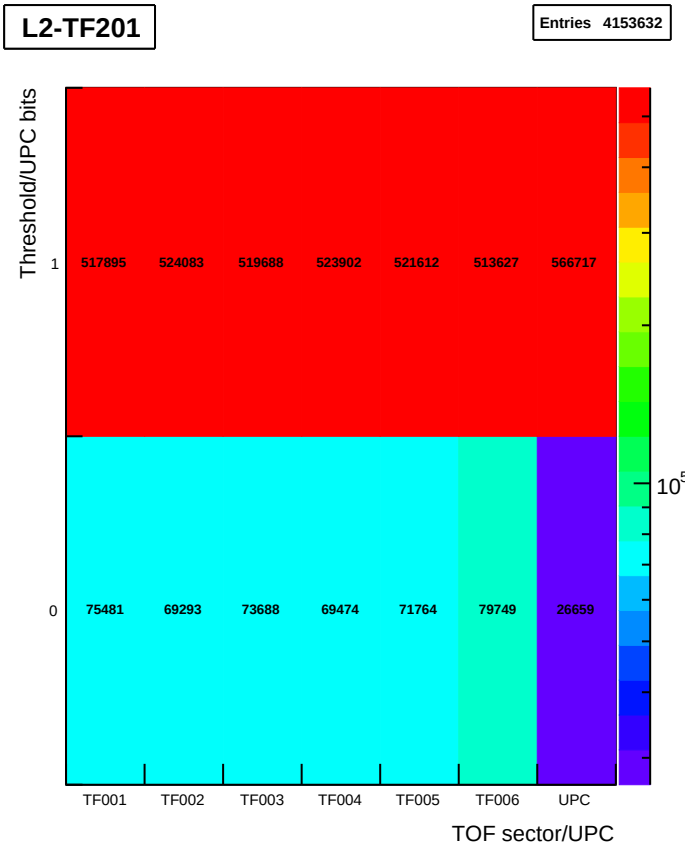

MIX-TF101
Entries 186982
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

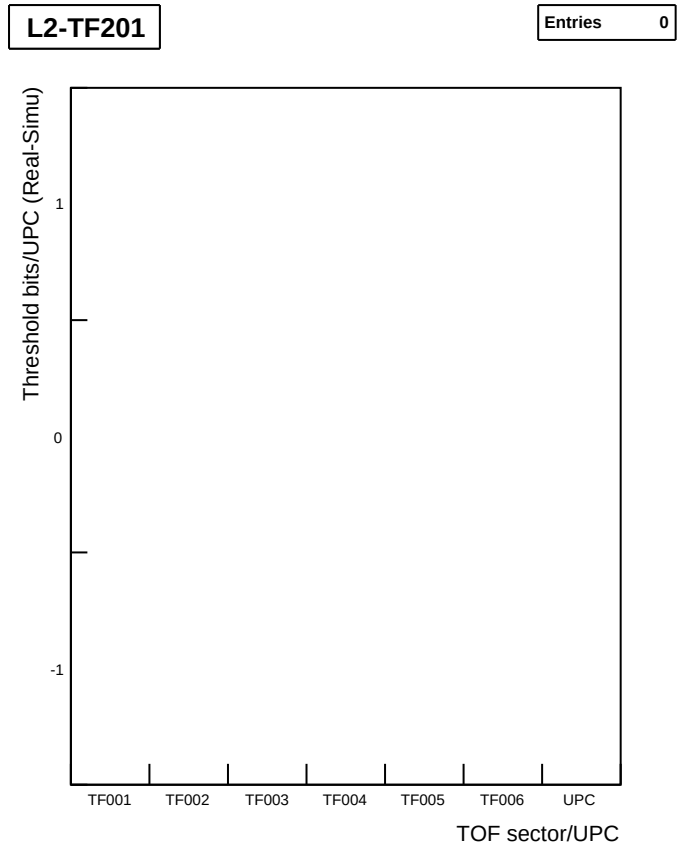

MIX-TF101
Entries 3560256
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

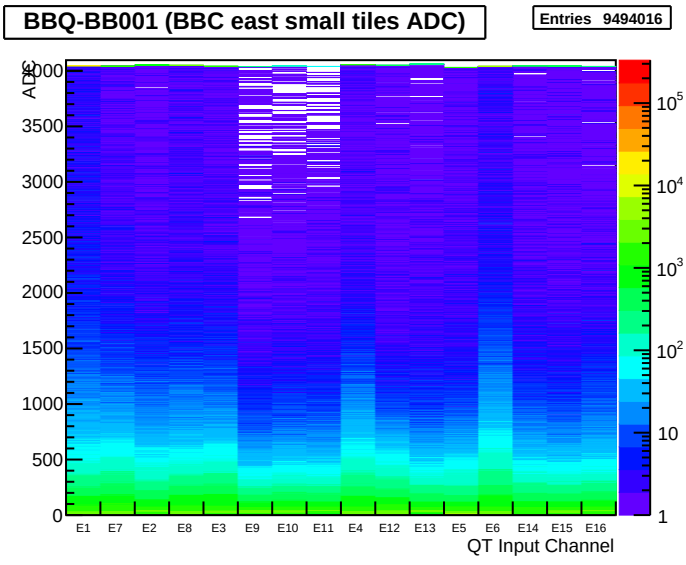

MIX-TF101
Entries 379481
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

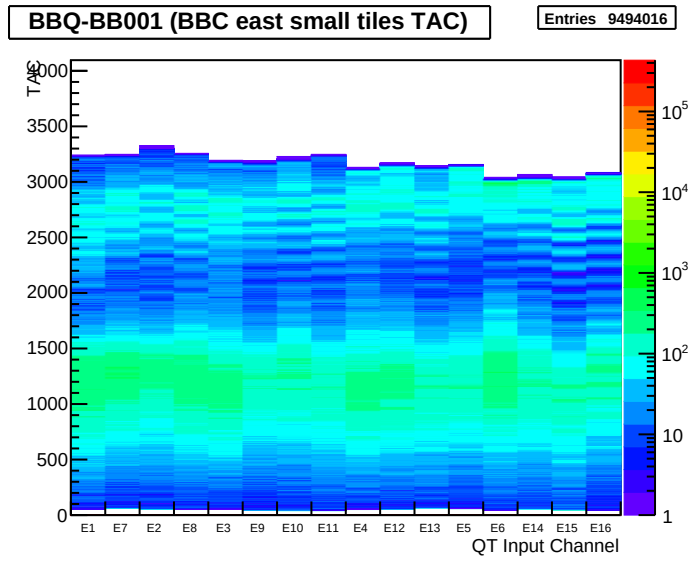

L2-TF201
Entries 593376
TOF total mult

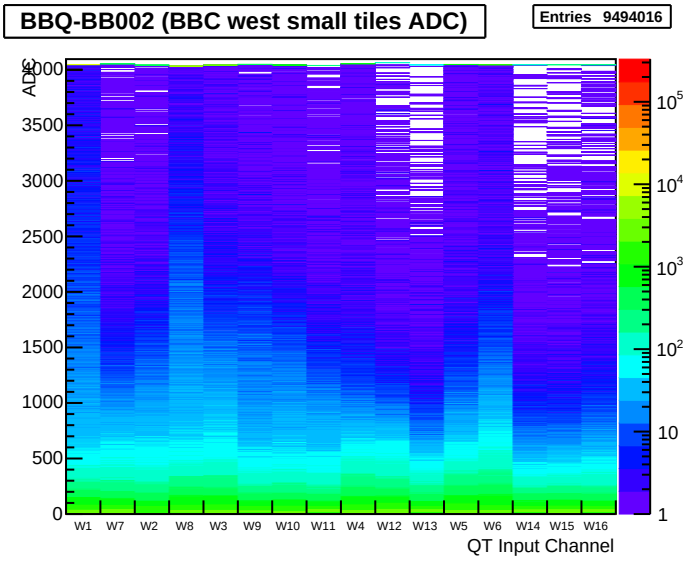

L2-TF201
Entries 0
TOF total mult(Real-Simu)

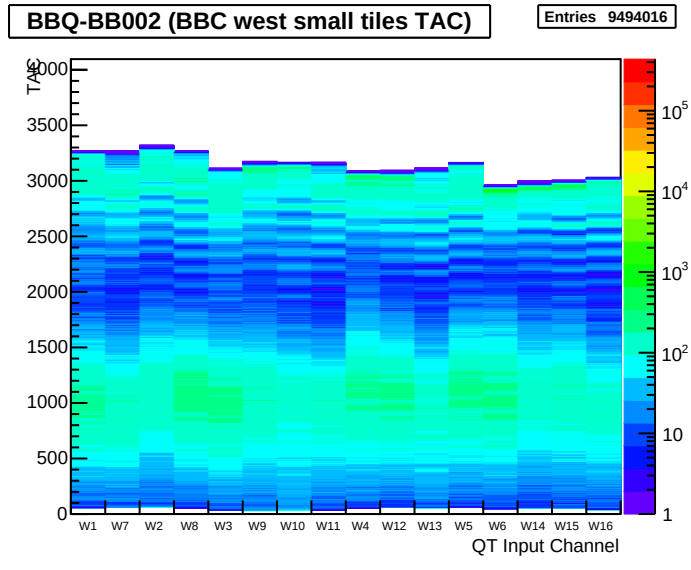

L2-TF201
Entries 4153632
Threshold/UPC bits
517895 524083 519688 523902 521612 513627 566717
75481 69293 73688 69474 71764 79749 26659
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

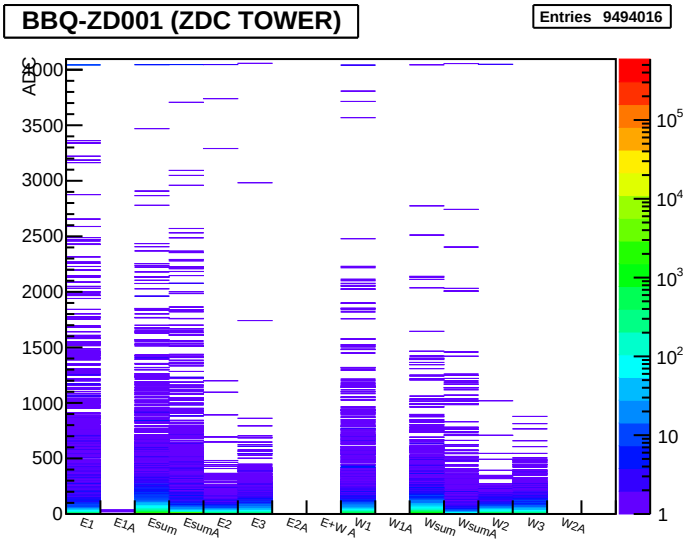

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

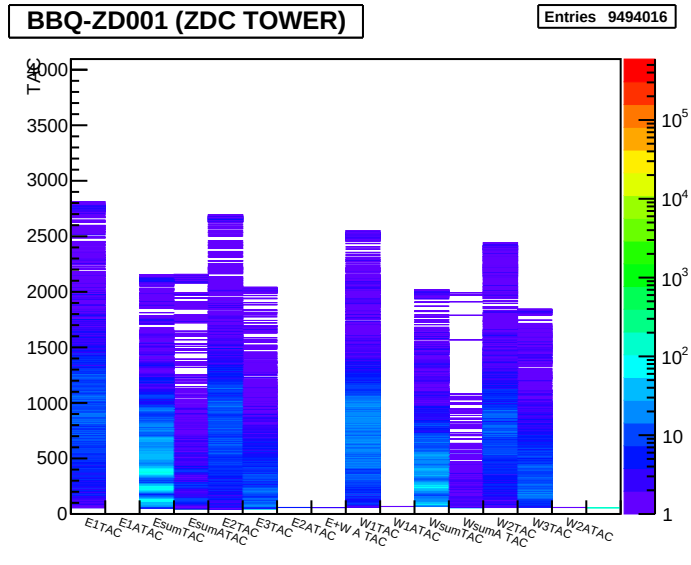

BBQ-BB001 (BBC east small tiles ADC)
Entries 9494016
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

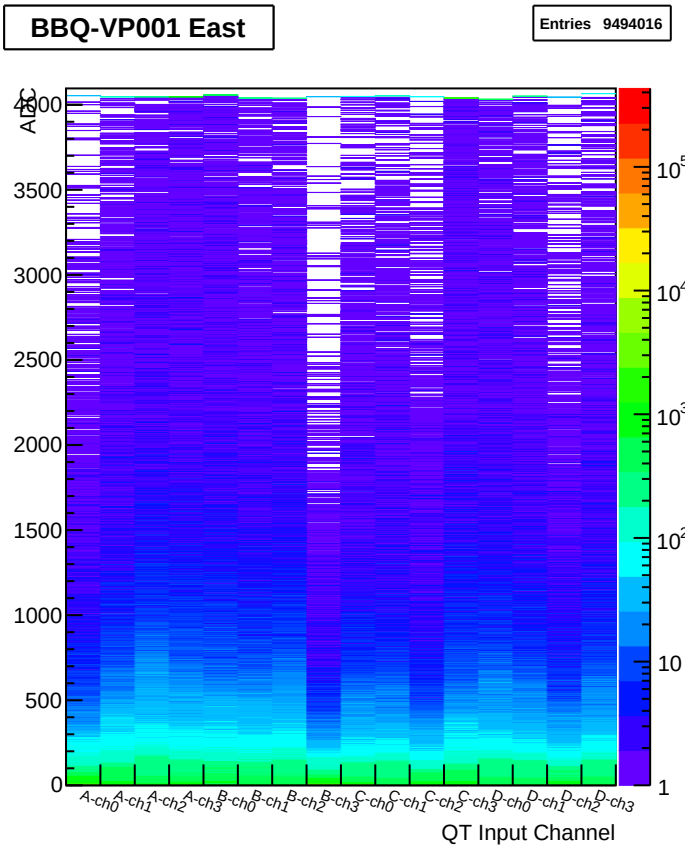

BBQ-BB001 (BBC east small tiles TAC)
Entries 9494016
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

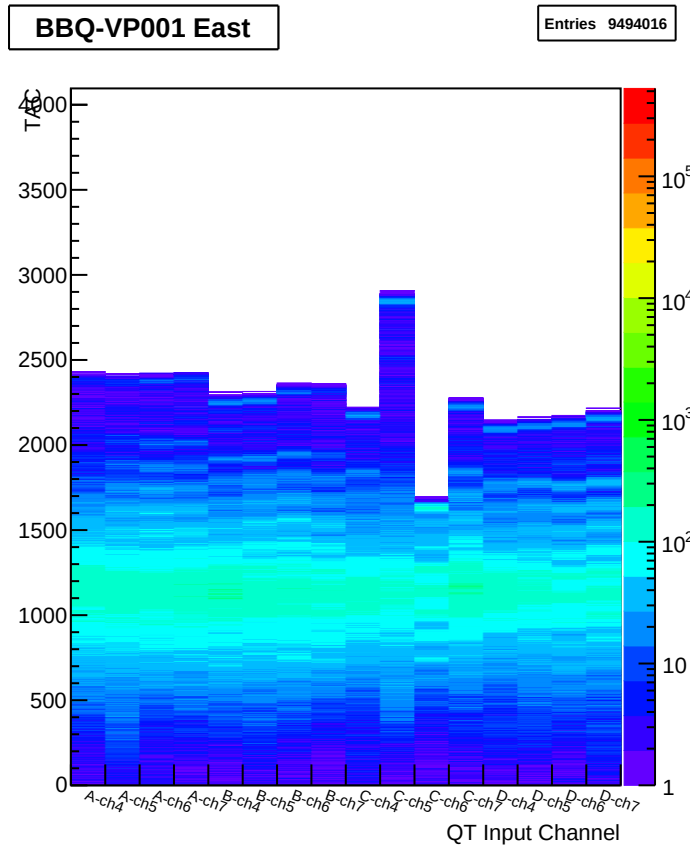

BBQ-BB002 (BBC west small tiles ADC)
Entries 9494016
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

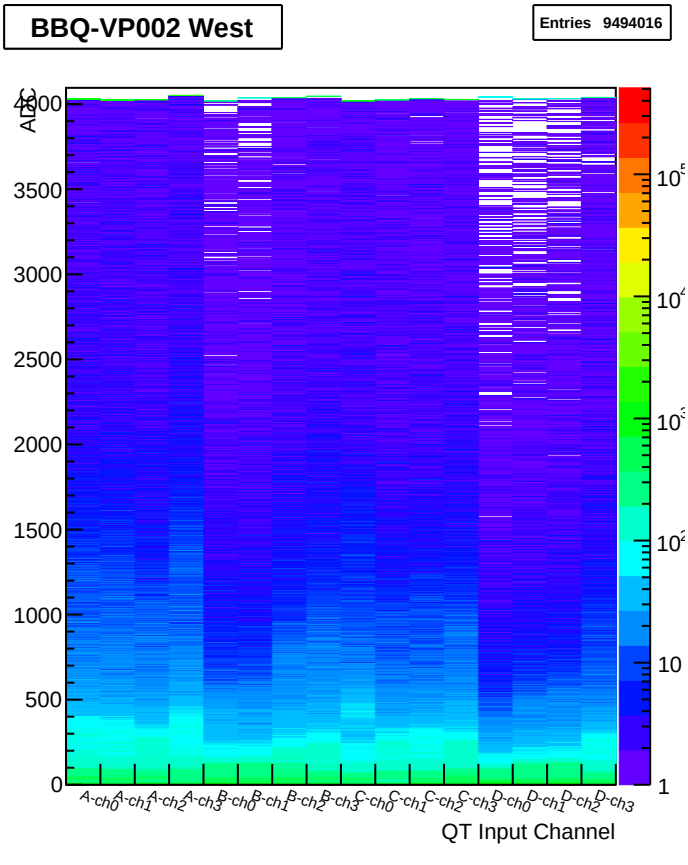

BBQ-BB002 (BBC west small tiles TAC)
Entries 9494016
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

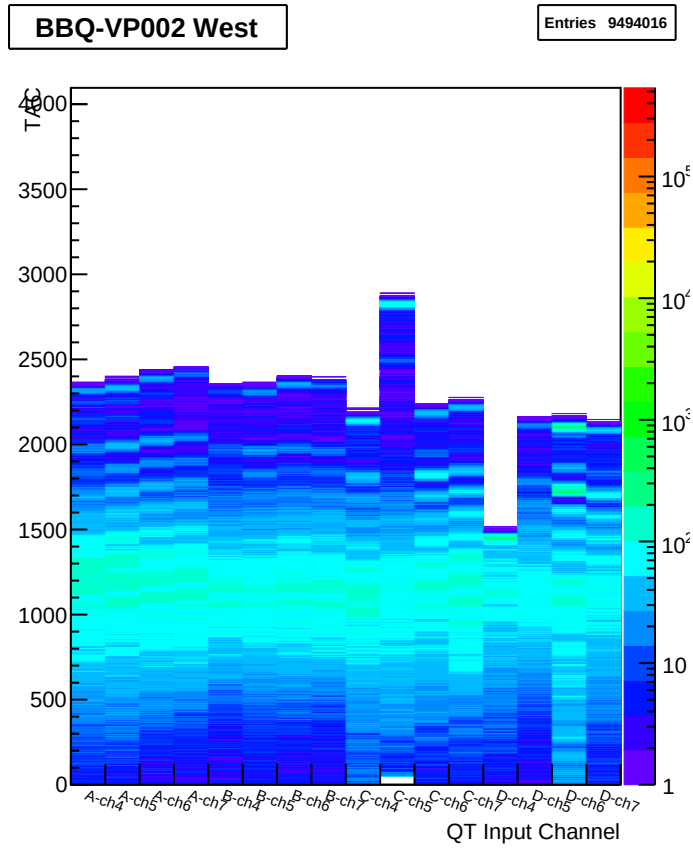

BBQ-ZD001 (ZDC TOWER)
Entries 9494016
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

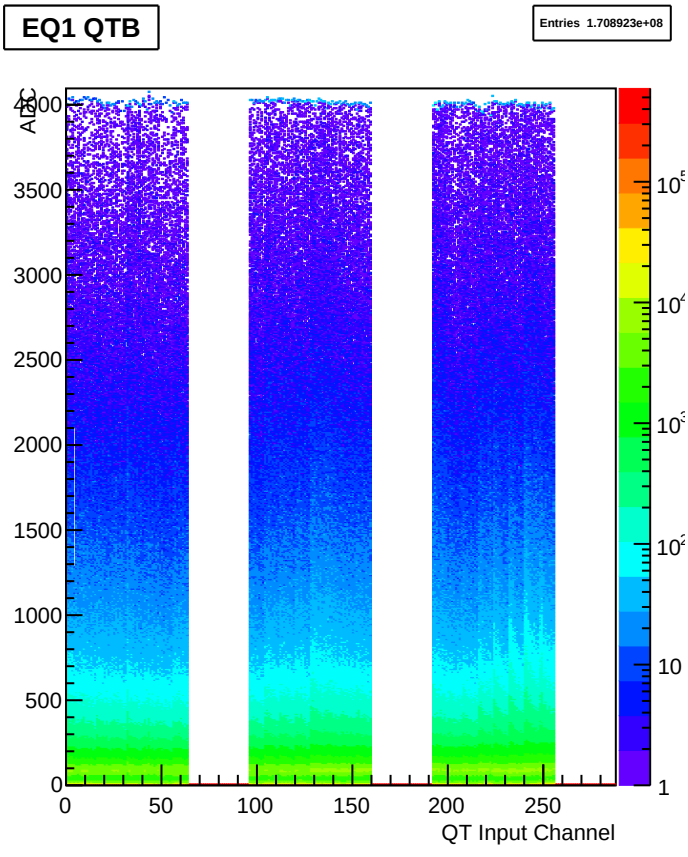

BBQ-ZD001 (ZDC TOWER)
Entries 9494016
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

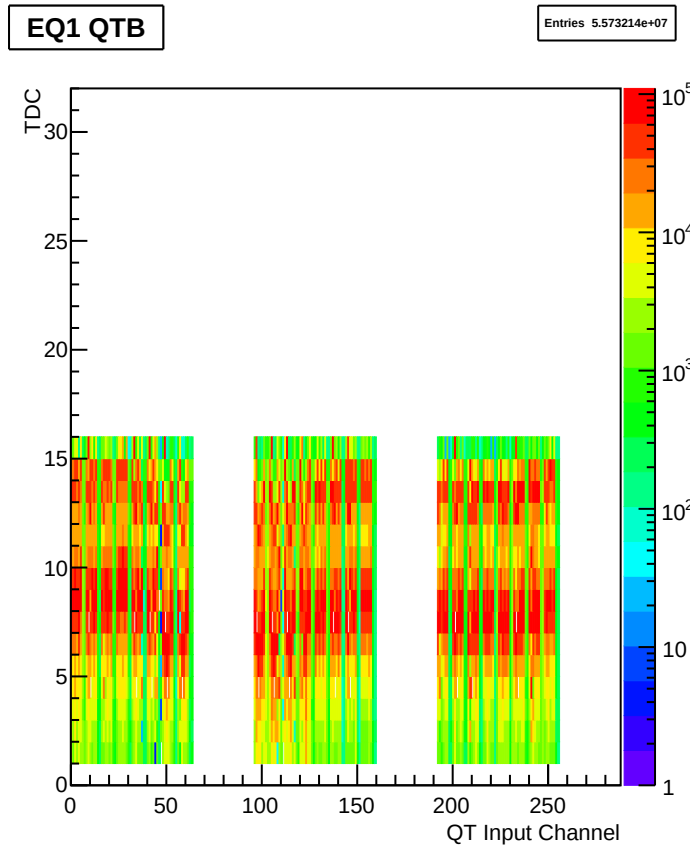

BBQ-VP001 East
Entries 9494016
ADC
QT Input Channel

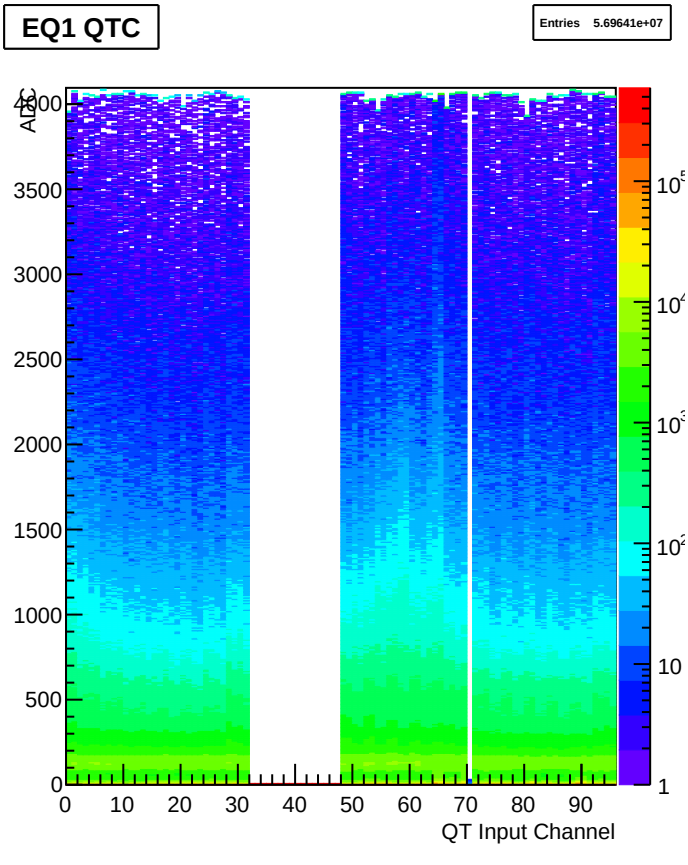

BBQ-VP001 East
Entries 9494016
TADC
QT Input Channel

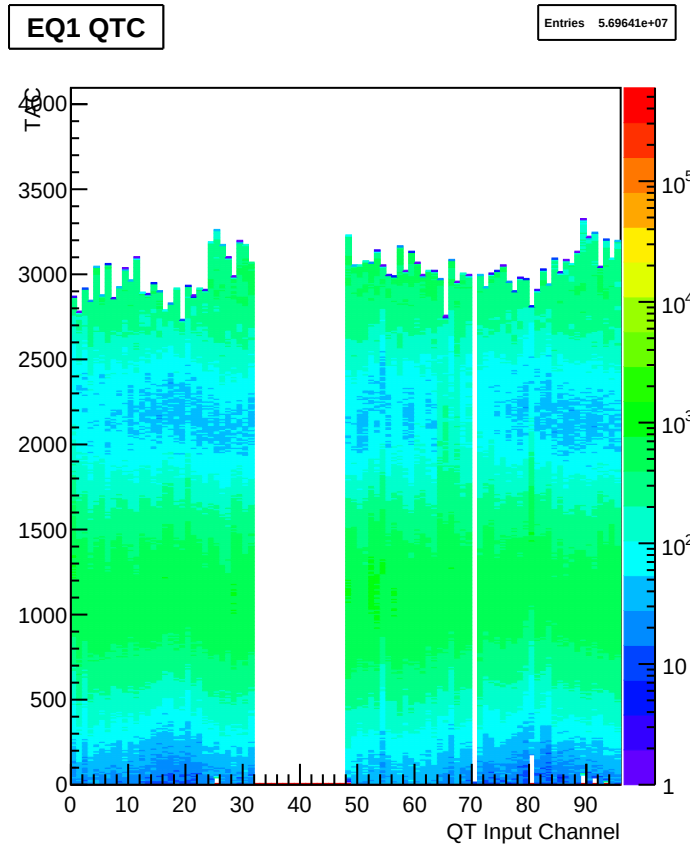

BBQ-VP002 West
Entries 9494016
ADC
QT Input Channel

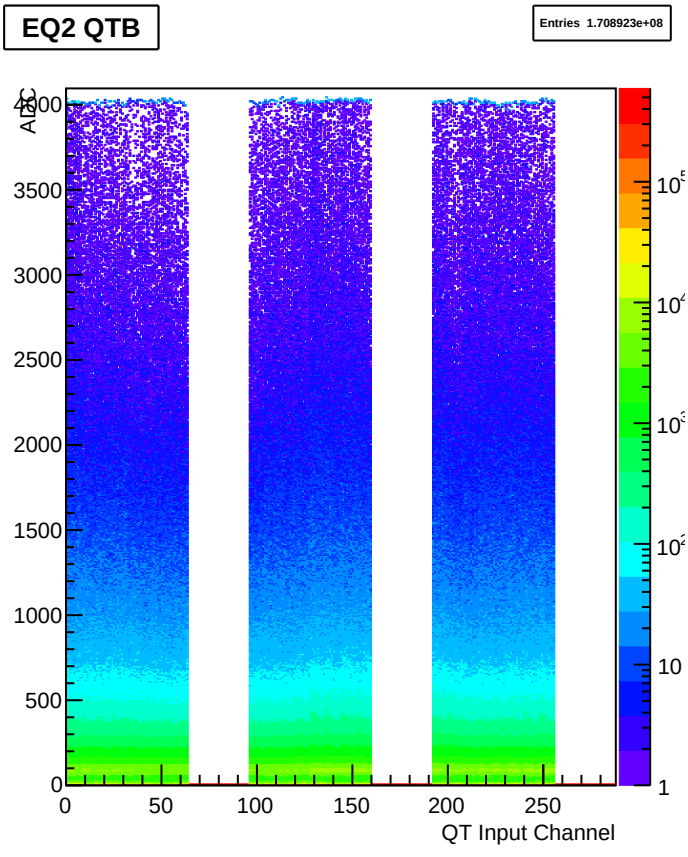

BBQ-VP002 West
Entries 9494016
TADC
QT Input Channel

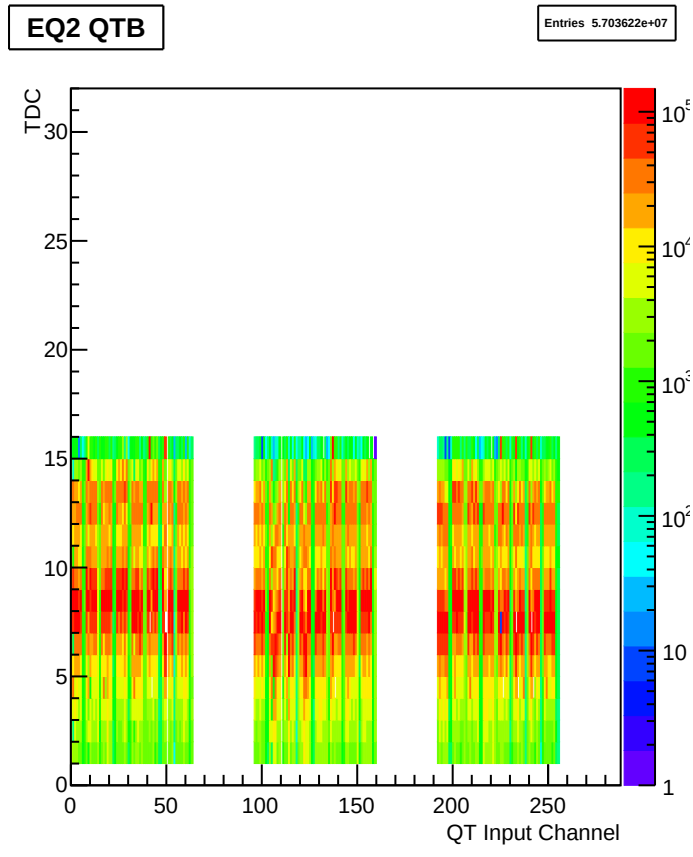

EQ1 QTB
Entries 1.708923e+08
ADC
QT Input Channel

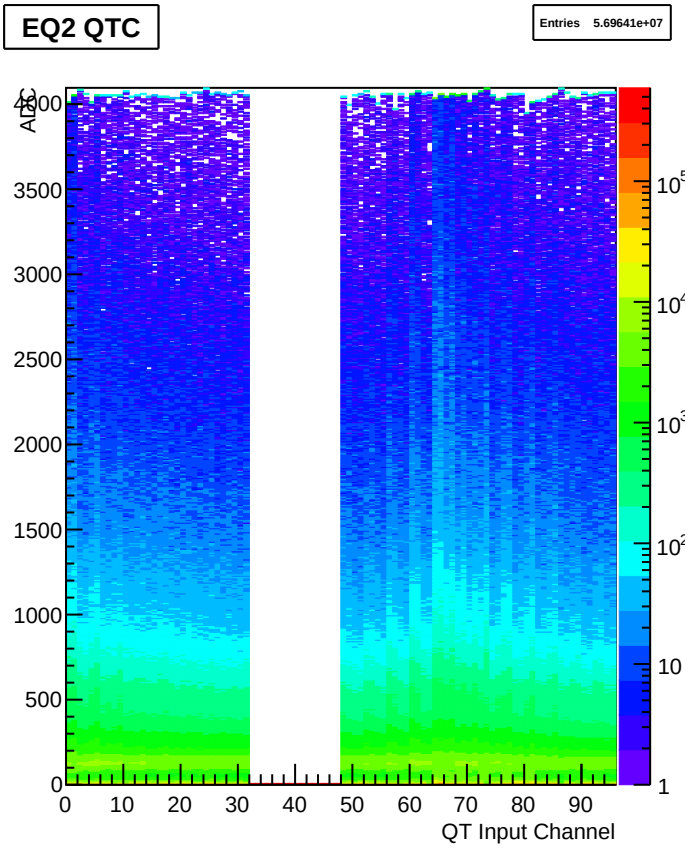

EQ1 QTB
Entries 5.573214e+07
TDC
QT Input Channel

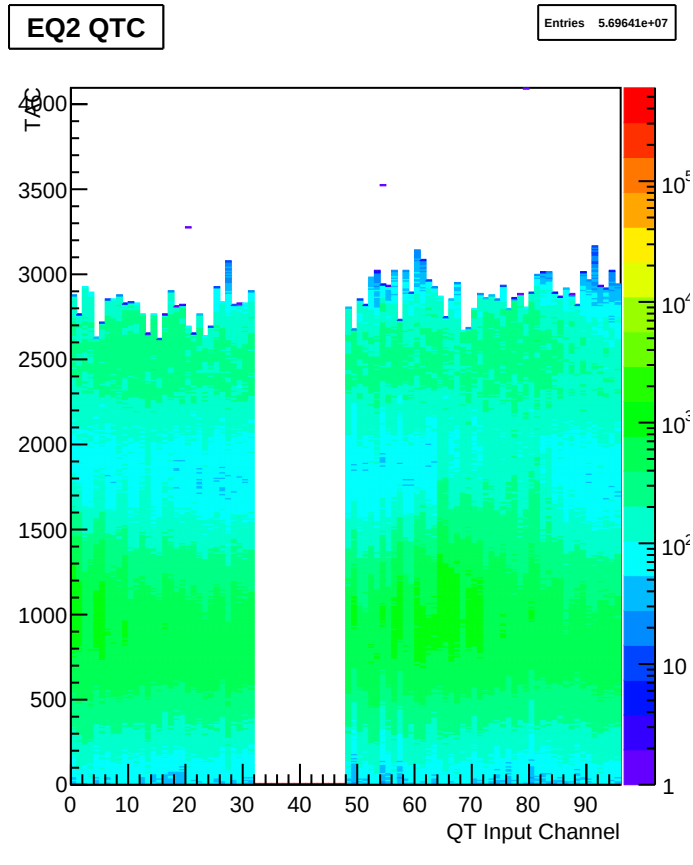

EQ1 QTC
Entries 5.69641e+07
ADC
QT Input Channel

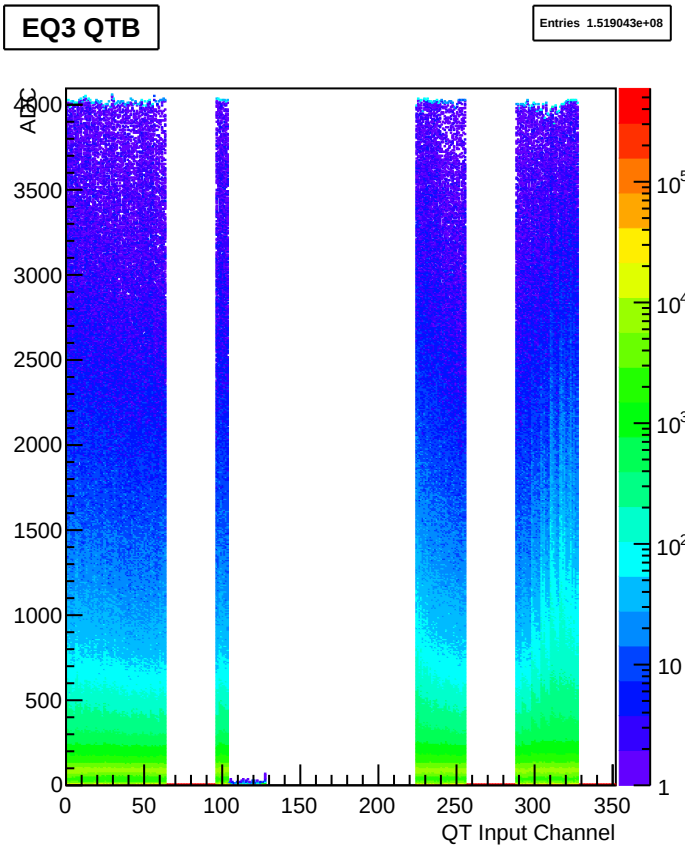

EQ1 QTC
Entries 5.69641e+07
TADC
QT Input Channel

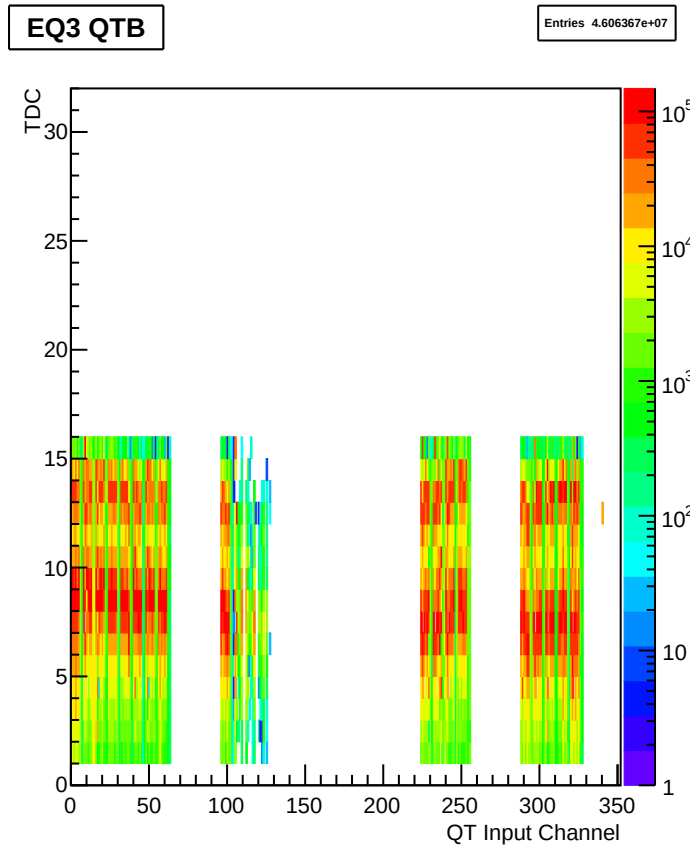

EQ2 QTB
Entries 1.708923e+08
ADC
QT Input Channel

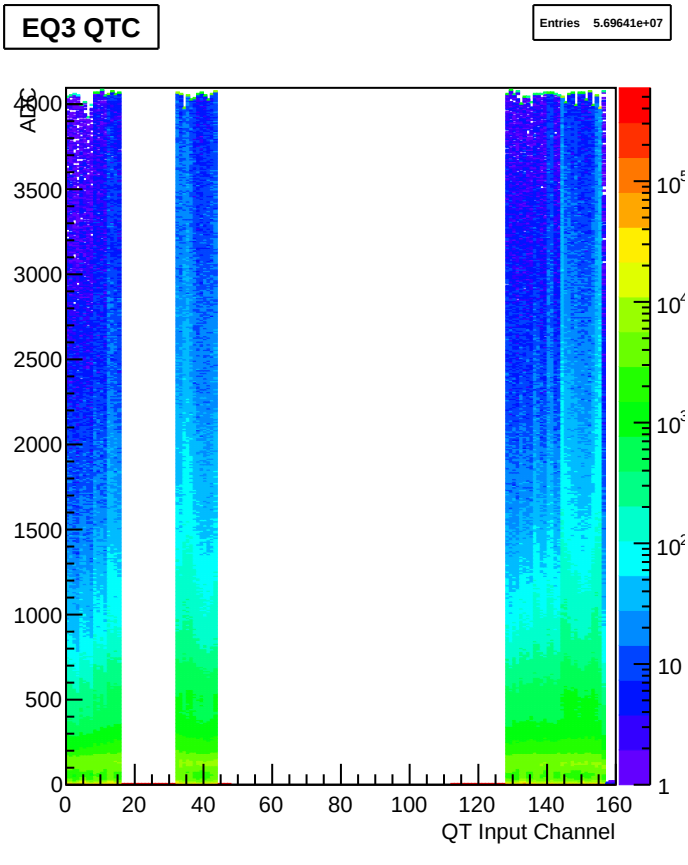

EQ2 QTB
Entries 5.703622e+07
TDC
QT Input Channel

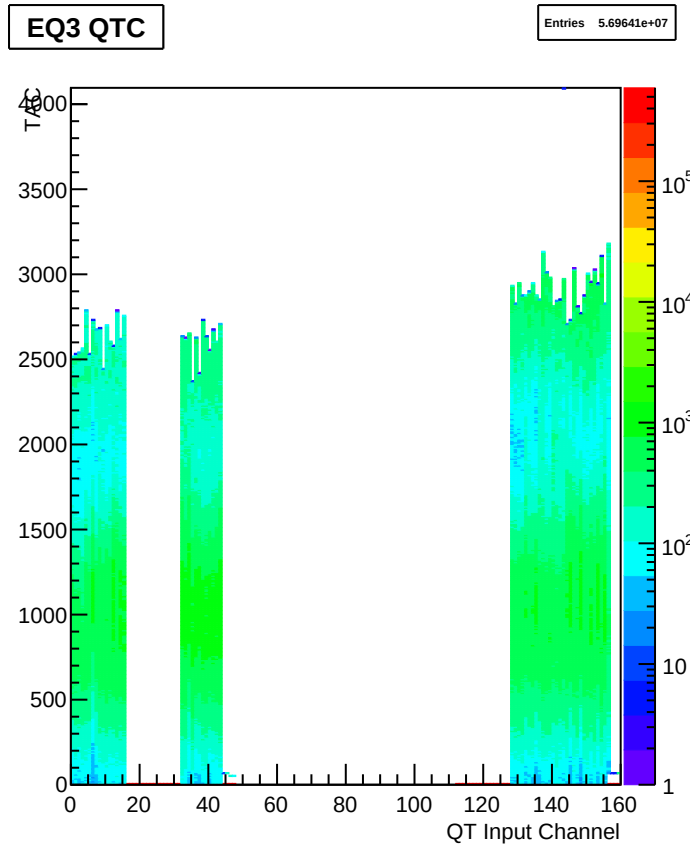

EQ2 QTC
Entries 5.69641e+07
ADC
QT Input Channel

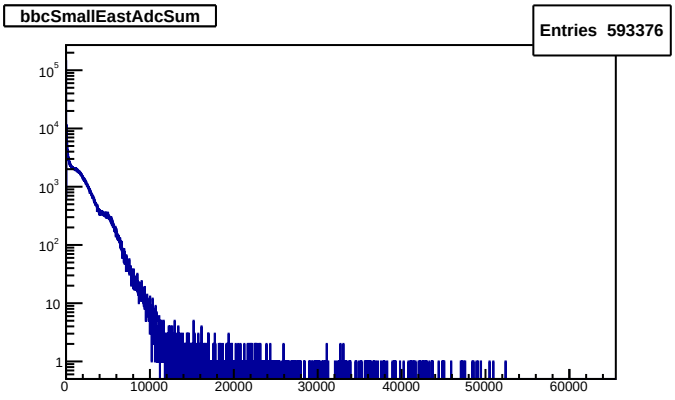

EQ2 QTC
Entries 5.69641e+07
TADC
QT Input Channel

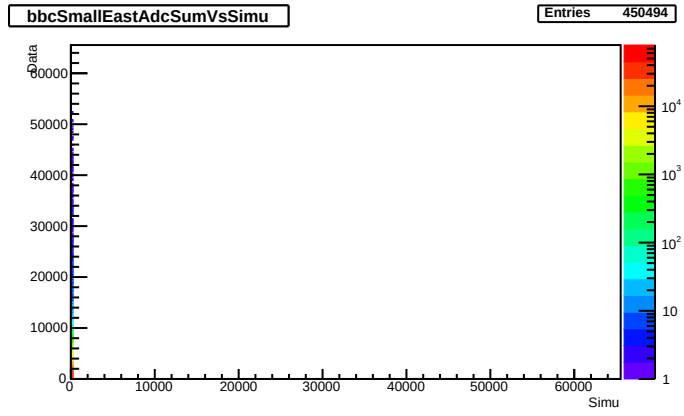

EQ3 QTB
Entries 1.519043e+08
ADC
QT Input Channel

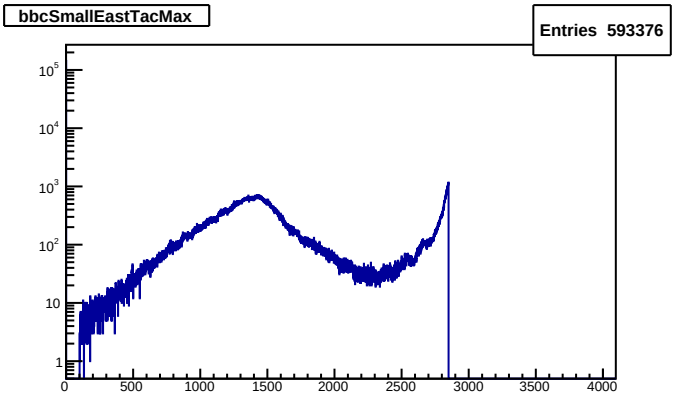

EQ3 QTB
Entries 4.606367e+07
TDC
QT Input Channel

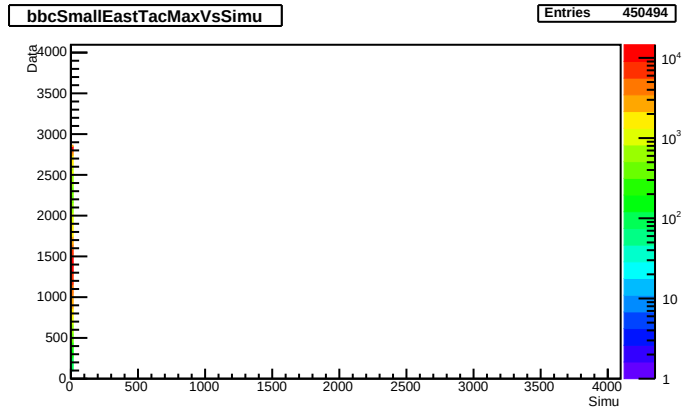

EQ3 QTC
Entries 5.69641e+07
ADC
QT Input Channel

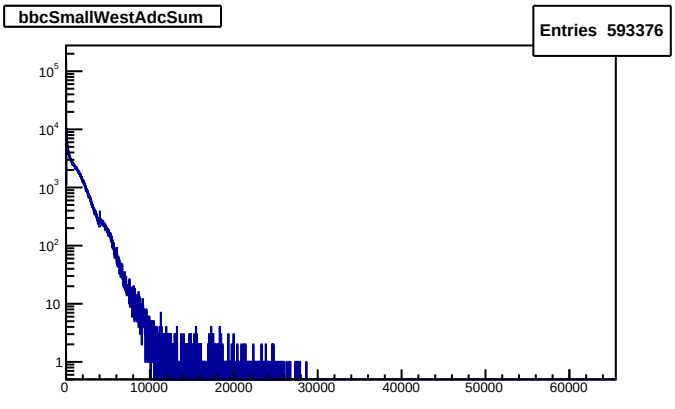

EQ3 QTC
Entries 5.69641e+07
TADC
QT Input Channel

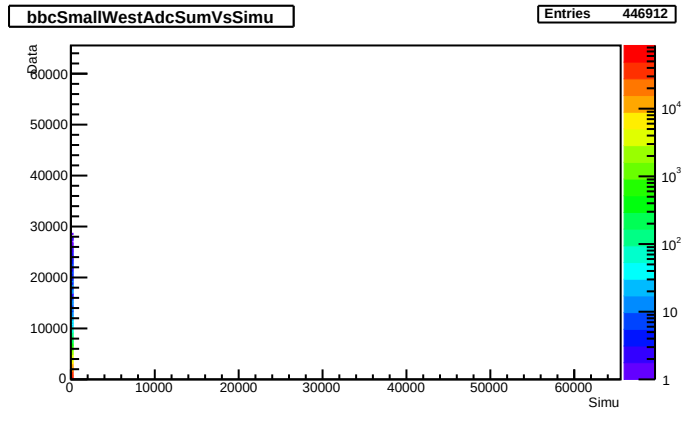

bbcSmallEastAdcSum
Entries 593376

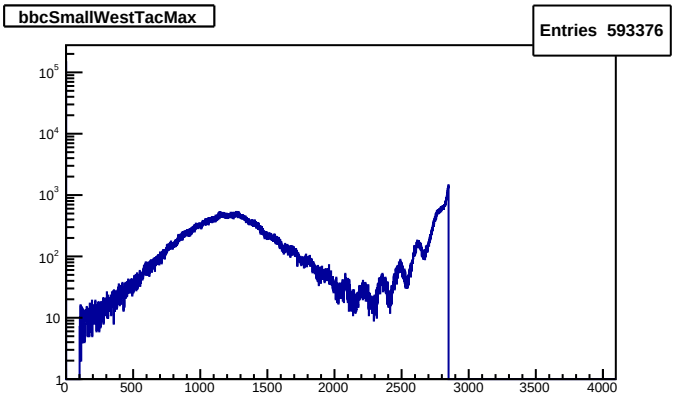

bbcSmallEastAdcSumVsSimu
Entries 450494
Data
Simu

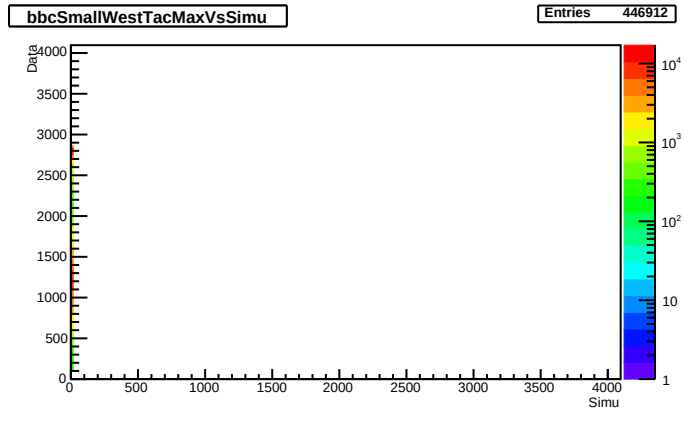

bbcSmallEastTacMax
Entries 593376

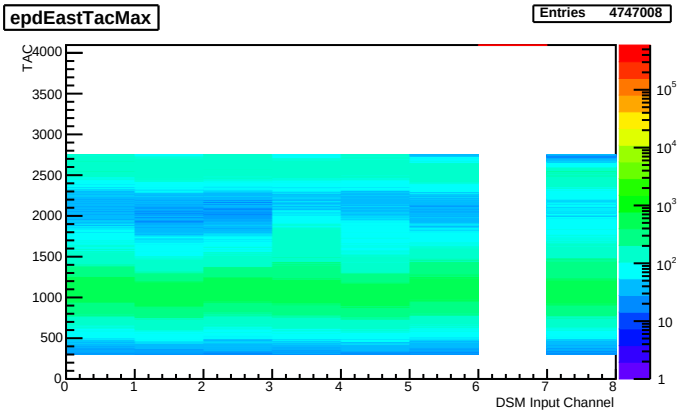

bbcSmallEastTacMaxVsSimu
Entries 450494
Data
Simu

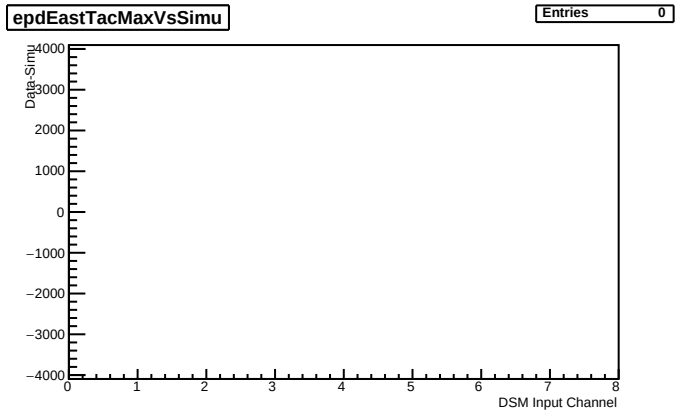

bbcSmallWestAdcSum
Entries 593376


bbcSmallWestAdcSumVsSimu
Entries 446912
Data
Simu


bbcSmallWestTacMax
Entries 593376


bbcSmallWestTacMaxVsSimu
Entries 446912
Data
Simu


epdEastTacMax
Entries 4747008
TAC
DSM Input Channel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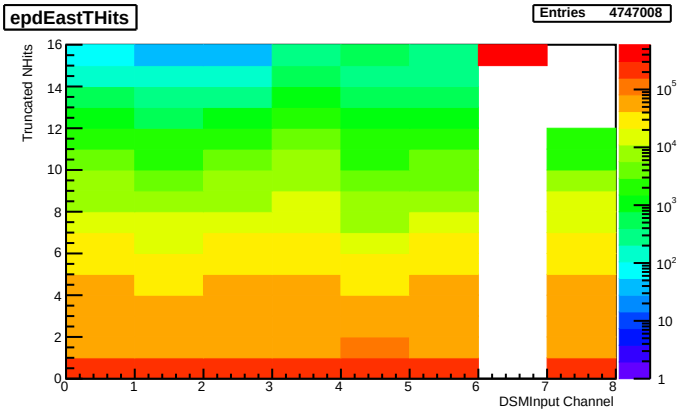
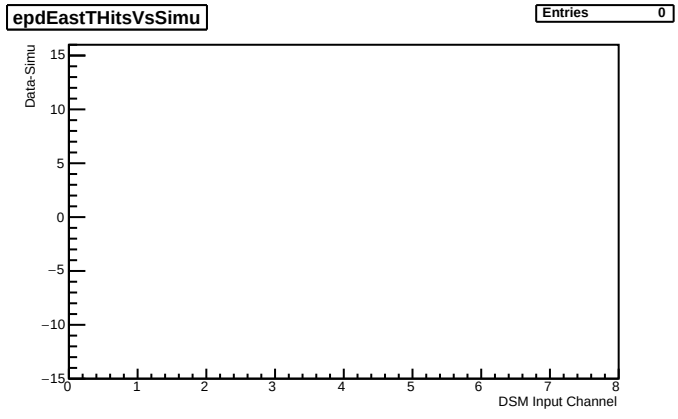
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4747008
Truncated NHits
DSMInput Channel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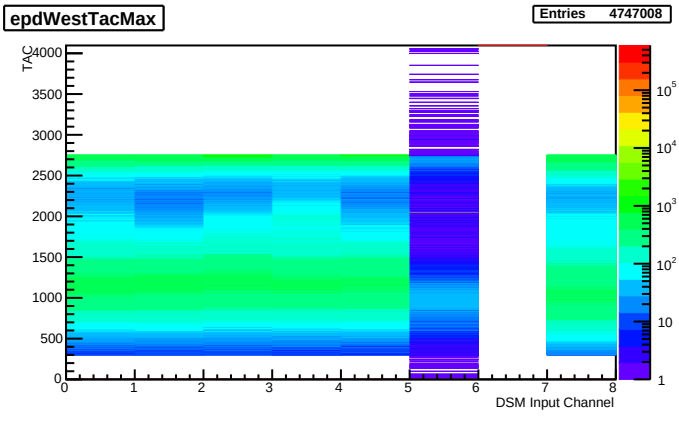
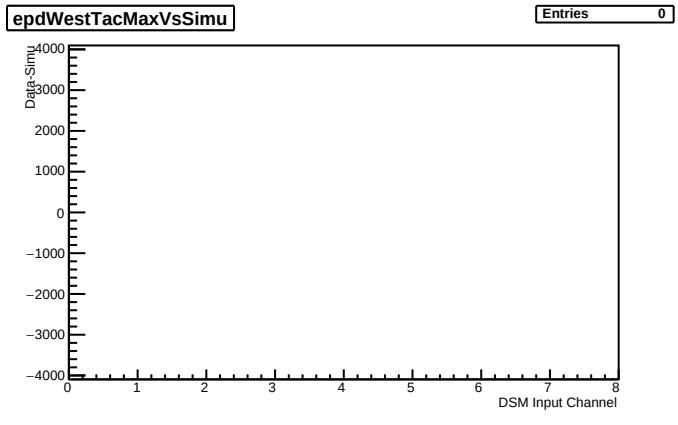
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4747008
TAC
DSM Input Channel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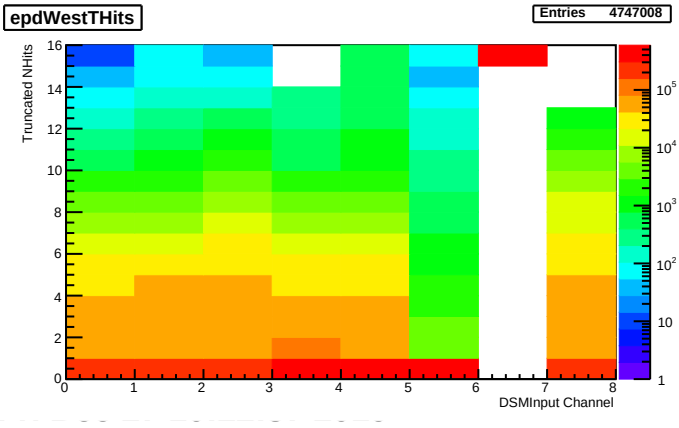
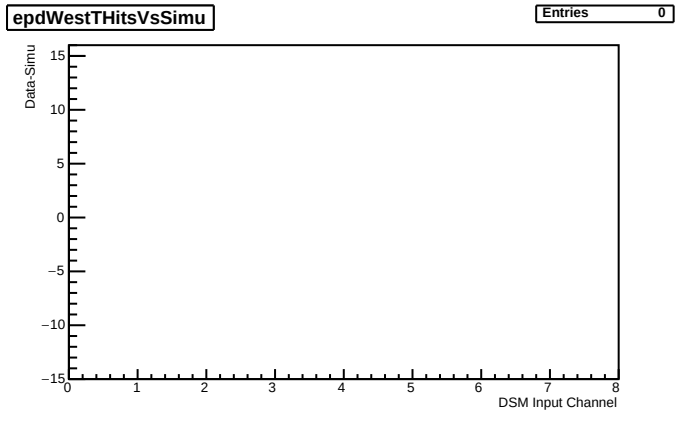
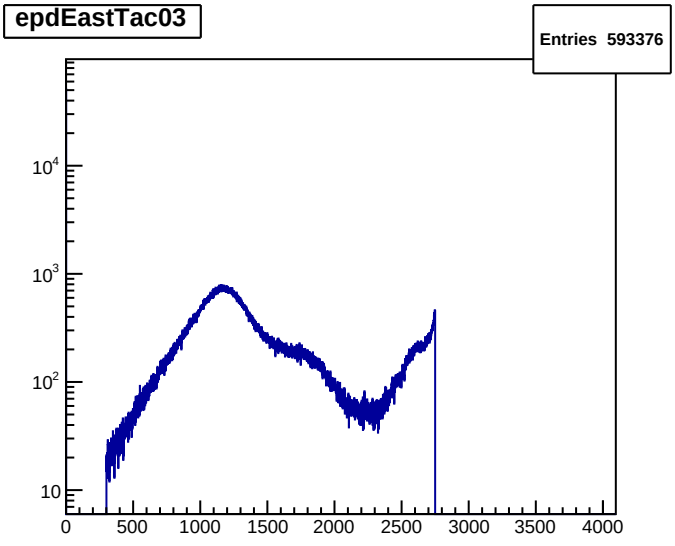
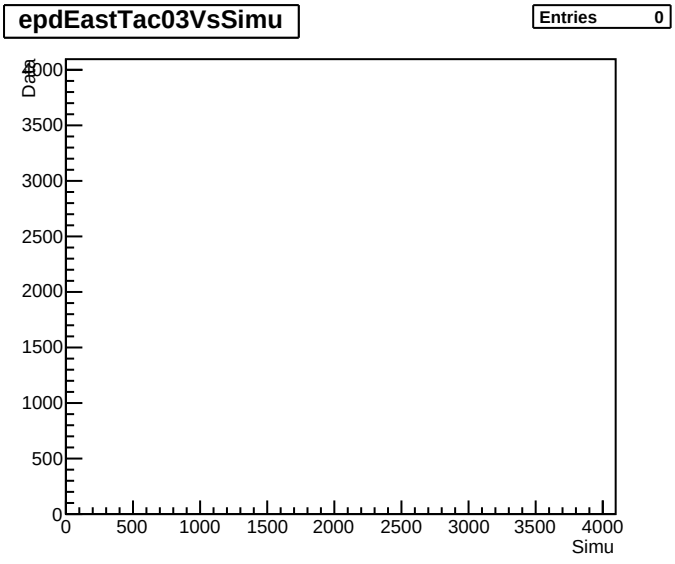
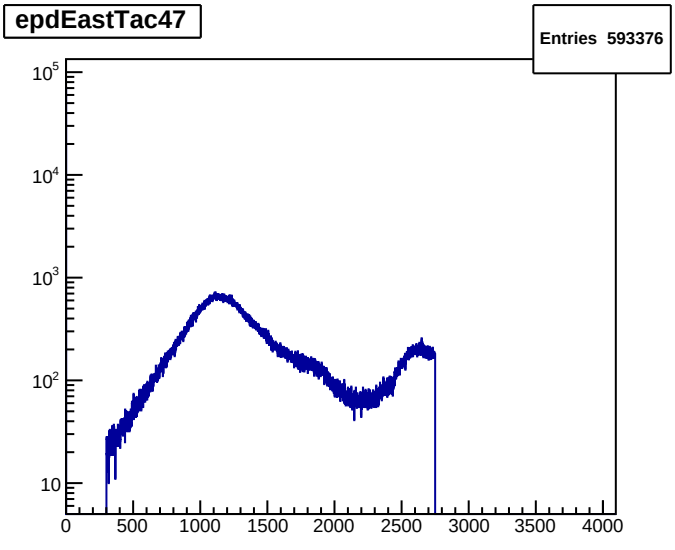
Data-Simu
DSM Input Channel

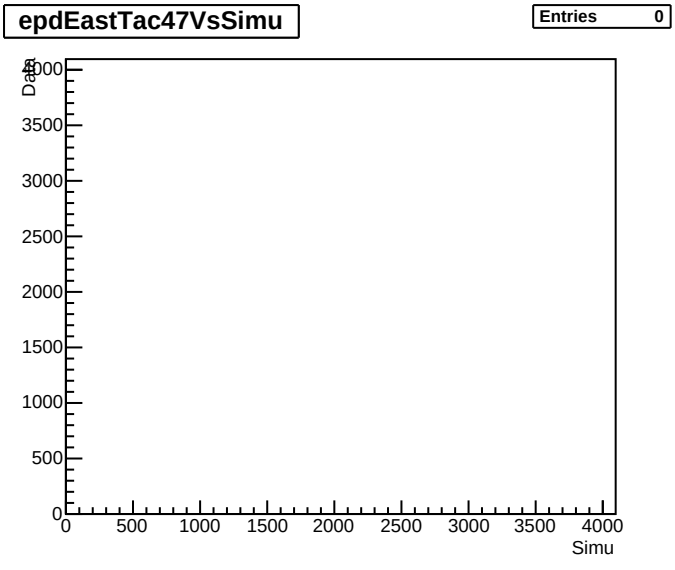

epdWestTHits
Entries 4747008
Truncated NHits
DSMInput Channel

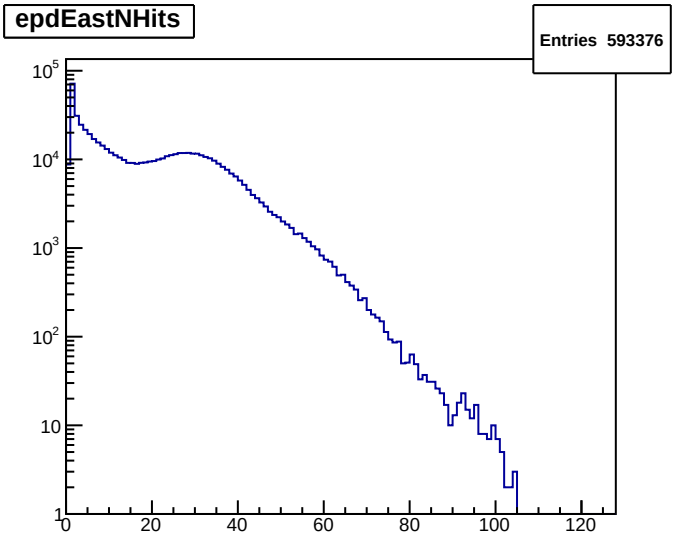

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

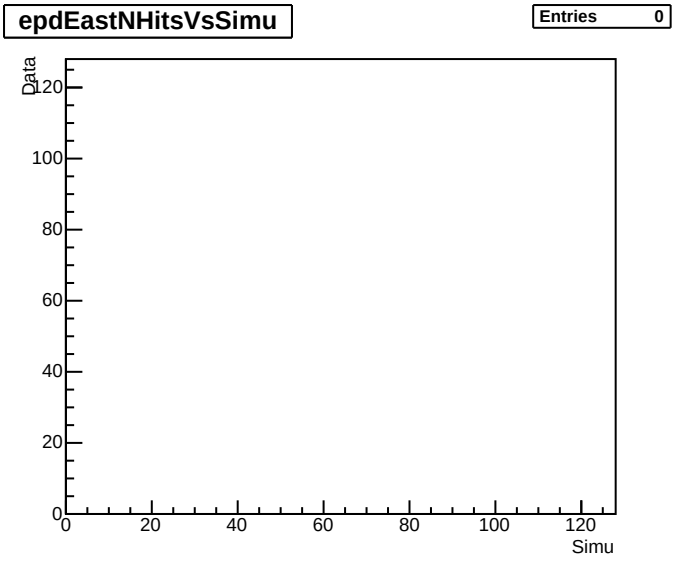

epdEastTac03
Entries 593376


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 593376


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 593376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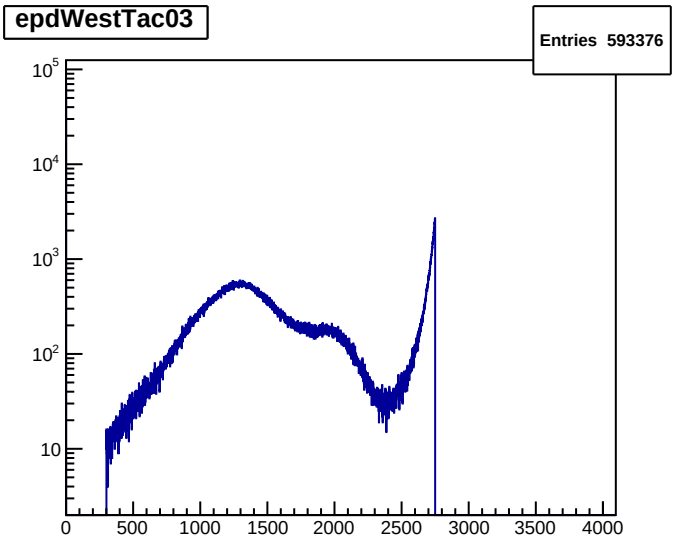
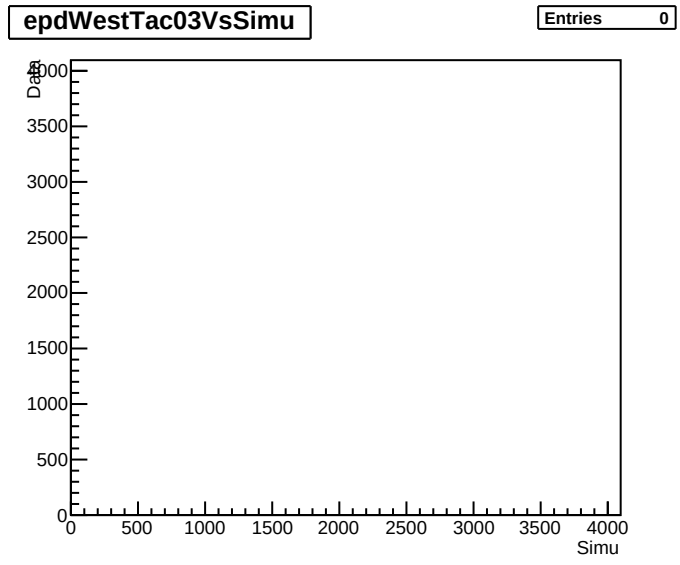
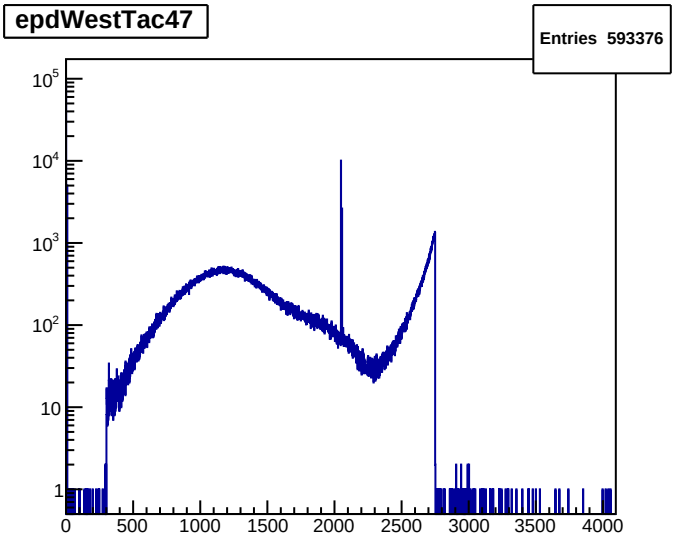
Entries 0
Data
Simu


epdWestTac03
Entries 593376


epdWestTac03VsSimu
Entries 0
Data
Simu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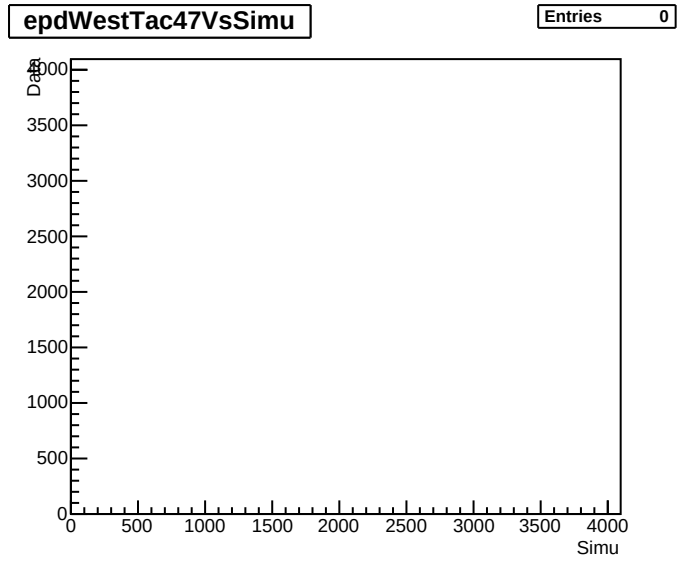
Entries 593376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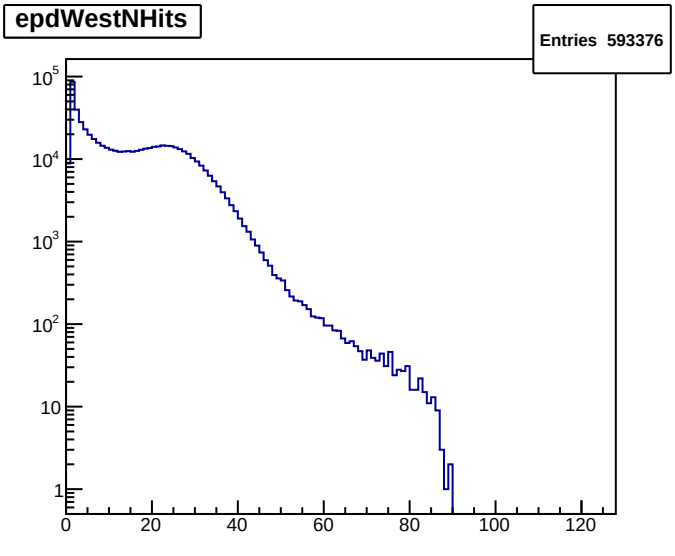
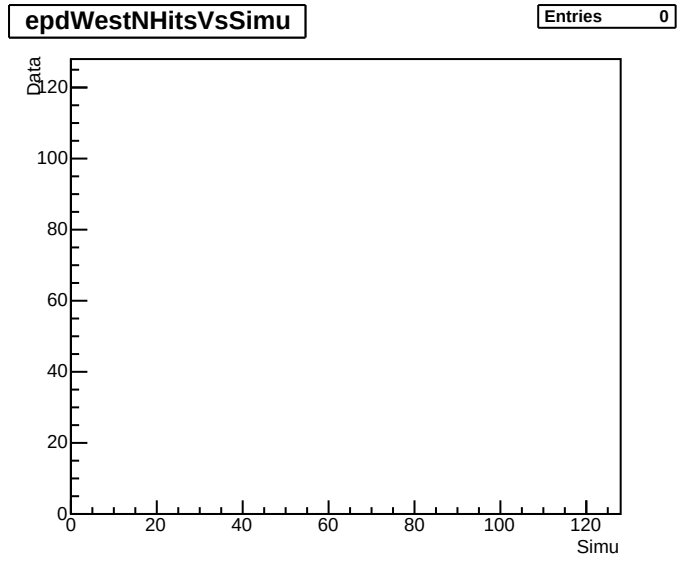
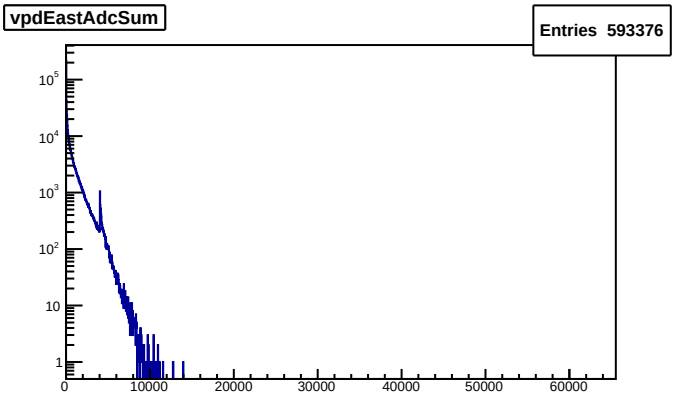
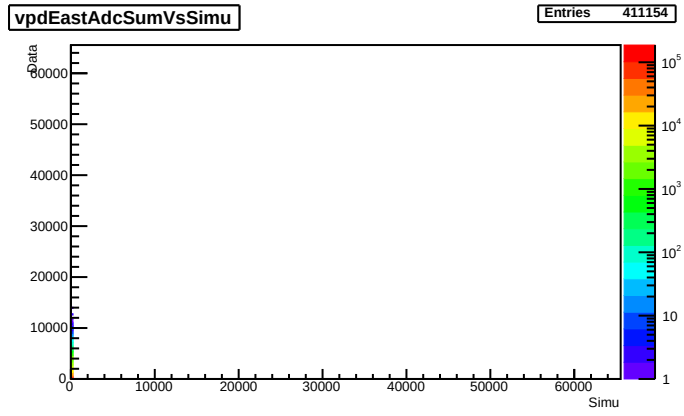
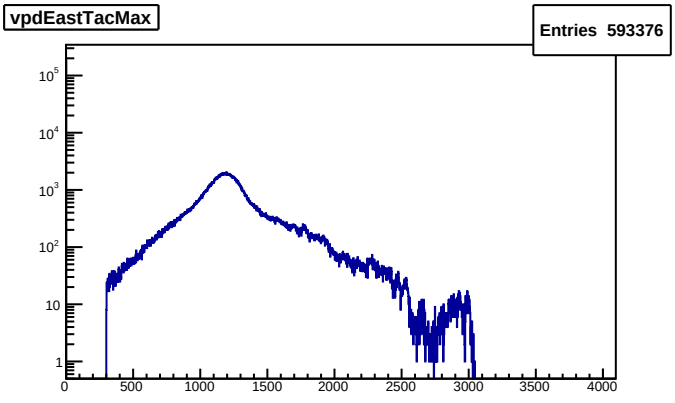
Entries 0
Data
Simu

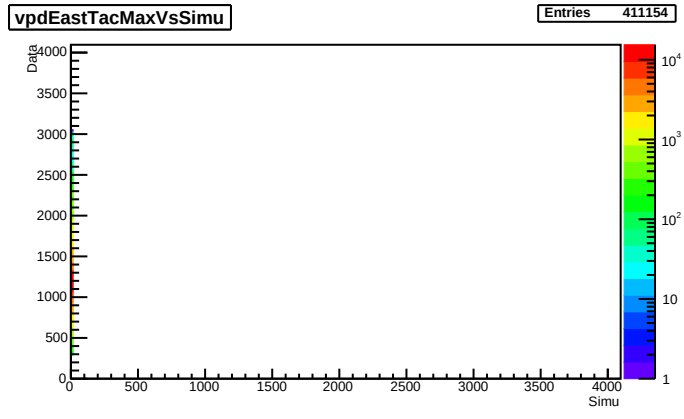

epdWestNHits
Entries 593376

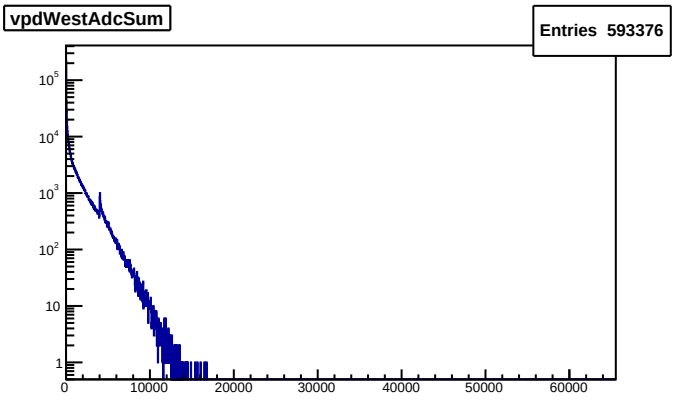

epdWestNHitsVsSimu
Entries 0
Data
Simu

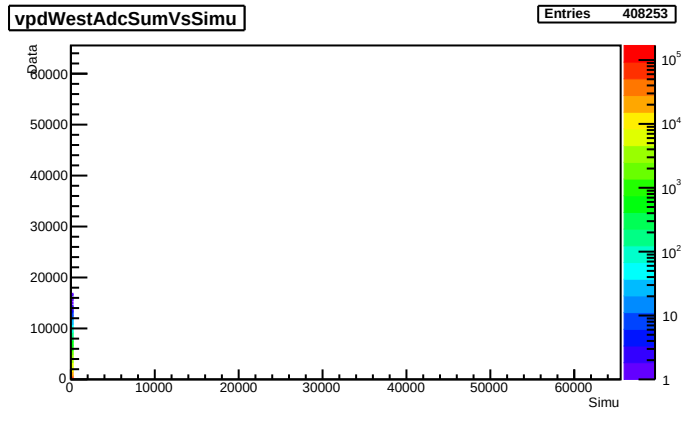

vpdEastAdcSum
Entries 593376

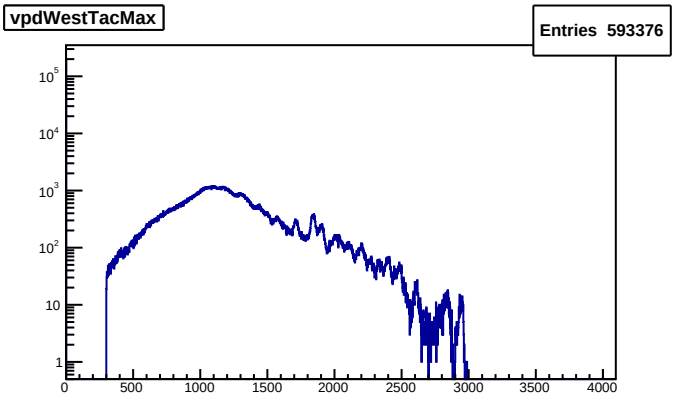

vpdEastAdcSumVsSimu
Entries 411154
Data
Simu

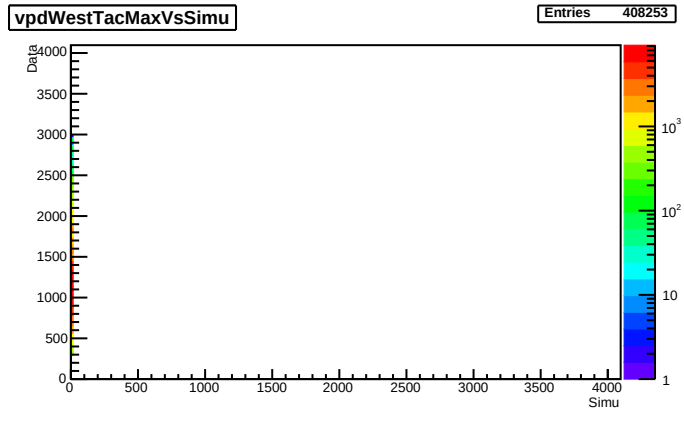

vpdEastTacMax
Entries 593376

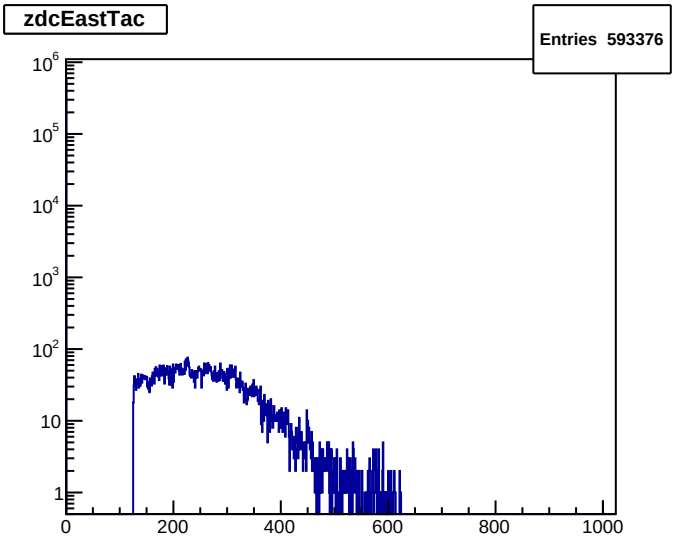

vpdEastTacMaxVsSimu
Entries 411154
Data
Simu

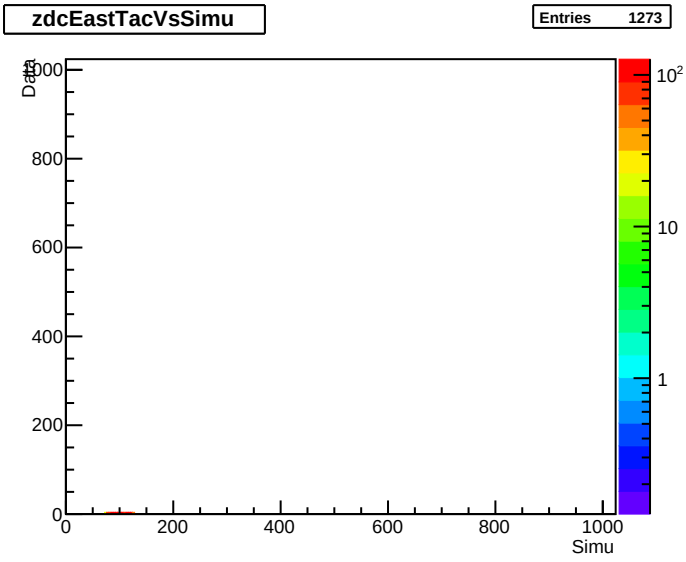

vpdWestAdcSum
Entries 593376

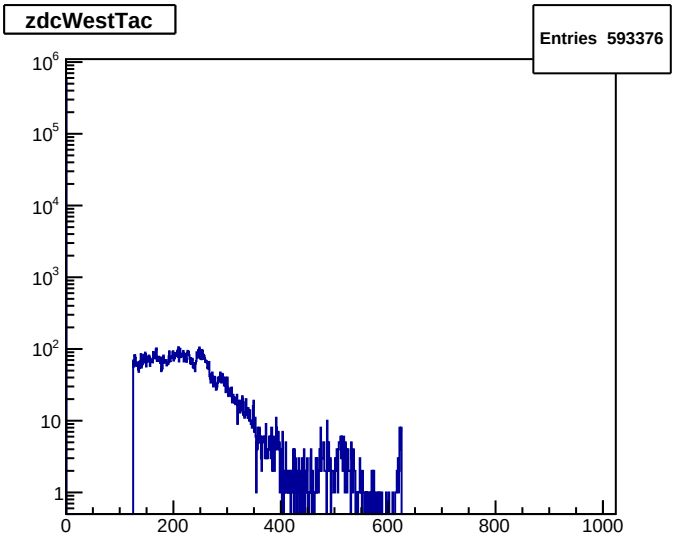

vpdWestAdcSumVsSimu
Entries 408253
Data
Simu

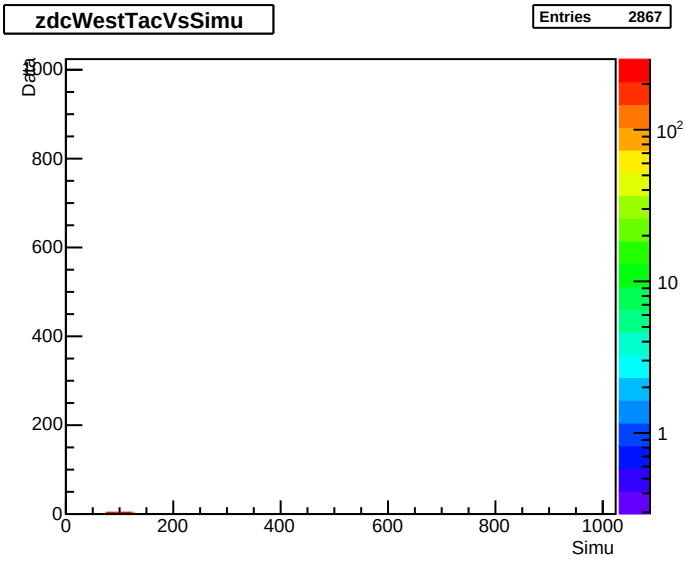

vpdWestTacMax
Entries 593376

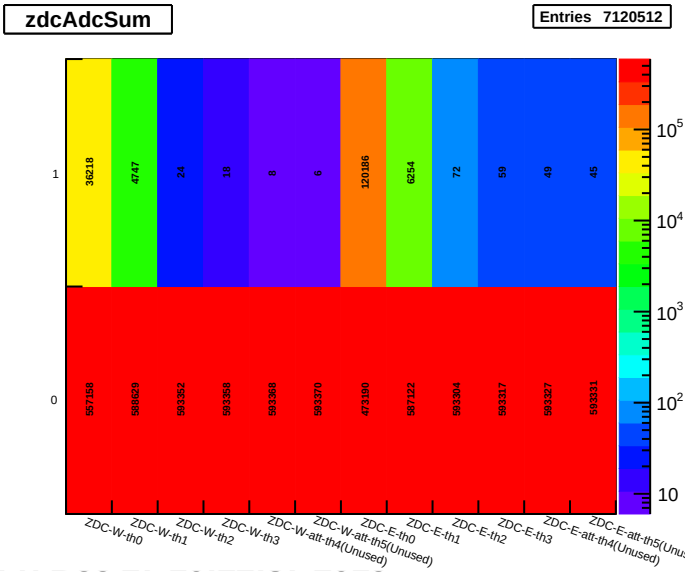

vpdWestTacMaxVsSimu
Entries 408253
Data
Simu

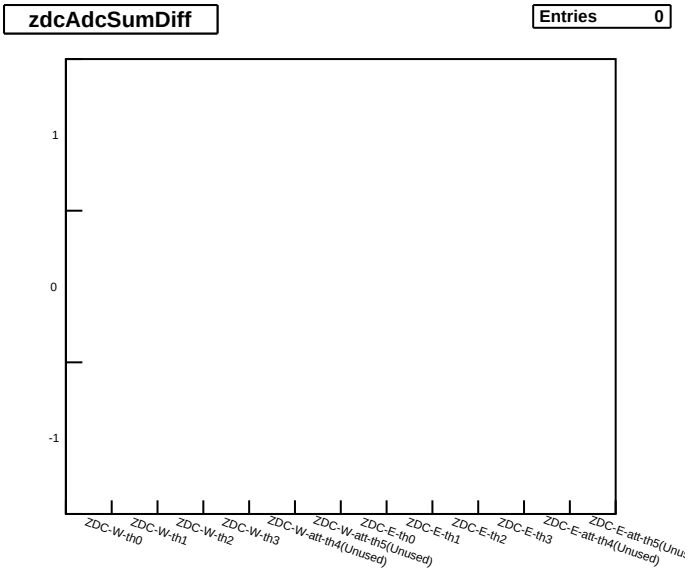

zdcEastTac
Entries 593376

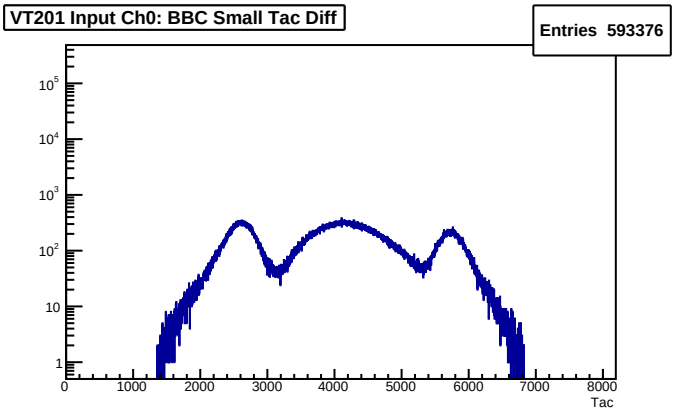

zdcEastTacVsSimu
Entries 1273
Data
Simu

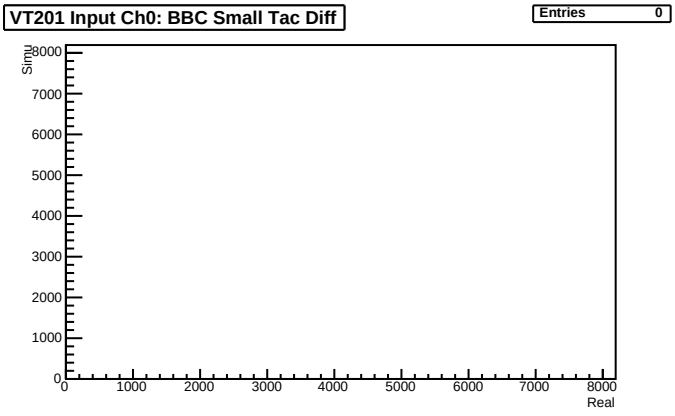

zdcWestTac
Entries 593376

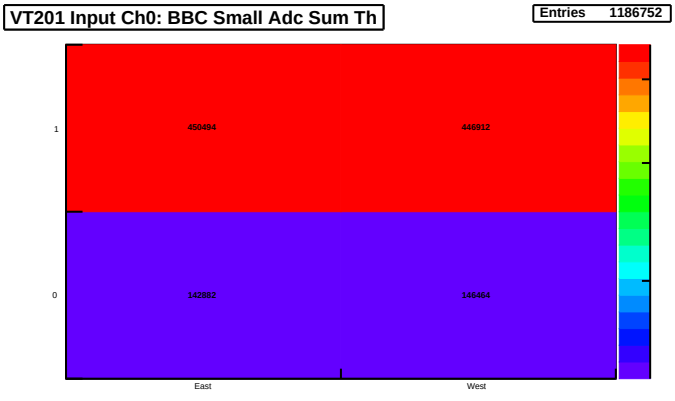

zdcWestTacVsSimu
Entries 2867
Data
Simu

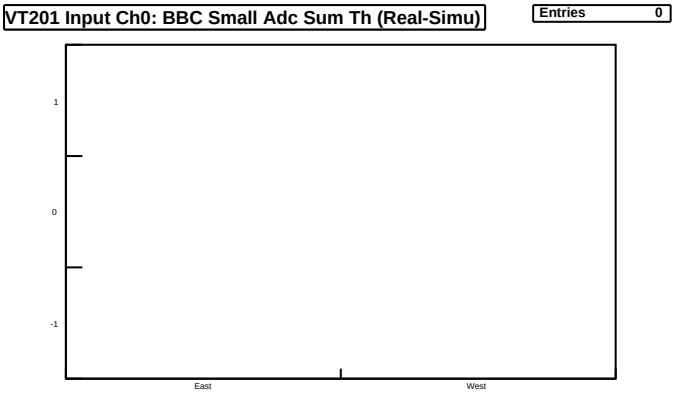

zdcAdcSum
Entries 7120512
36218
4747
24
18
8
6
120186
6254
72
59
49
45
557158
588629
593352
593358
593368
593370
473190
587122
593304
593317
593327
593331
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

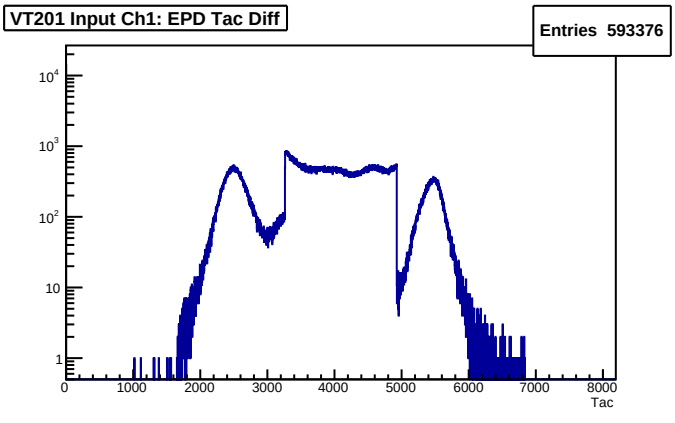

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

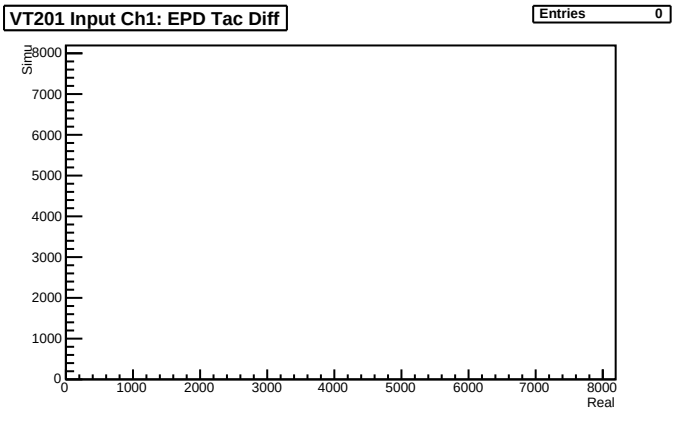

VT201 Input Ch0: BBC Small Tac Diff
Entries 593376
Tac

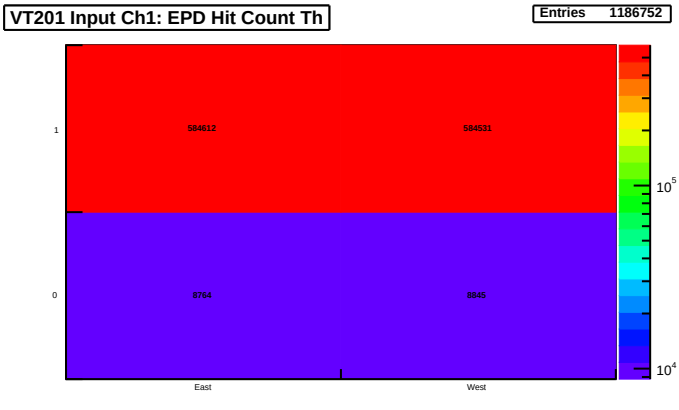

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

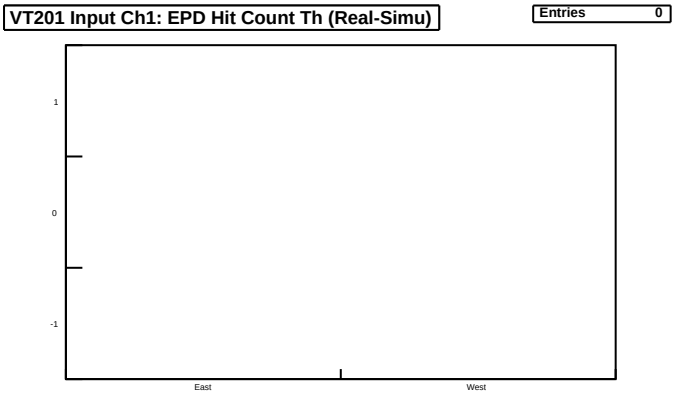

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1186752
450494
446912
142882
146464
East
West

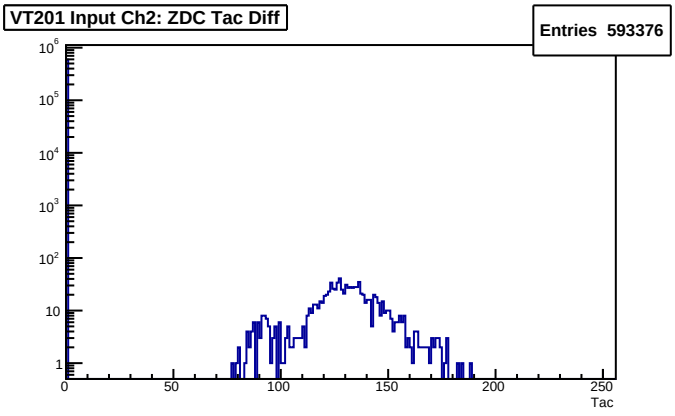

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

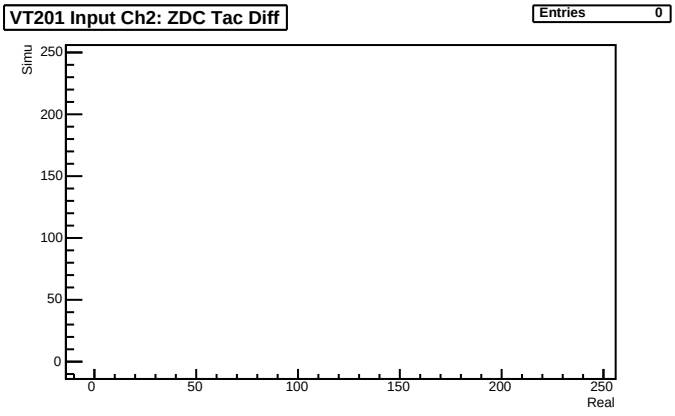

VT201 Input Ch1: EPD Tac Diff
Entries 593376
Tac

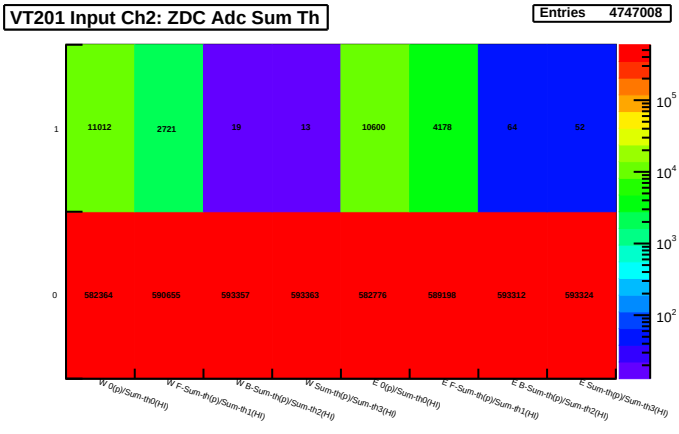

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

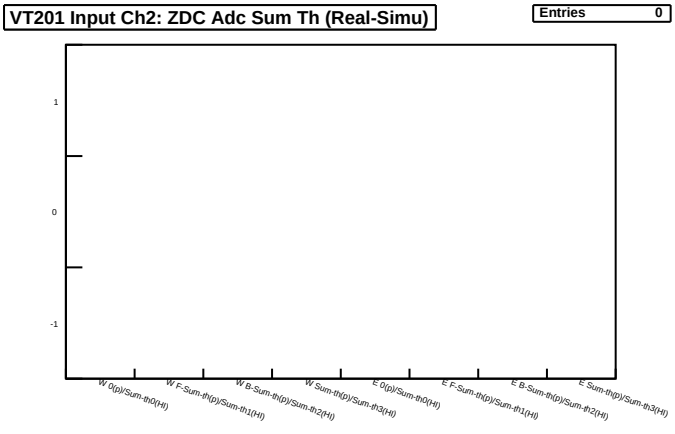

VT201 Input Ch1: EPD Hit Count Th
Entries 1186752
584612
584531
9764
8845
East
West

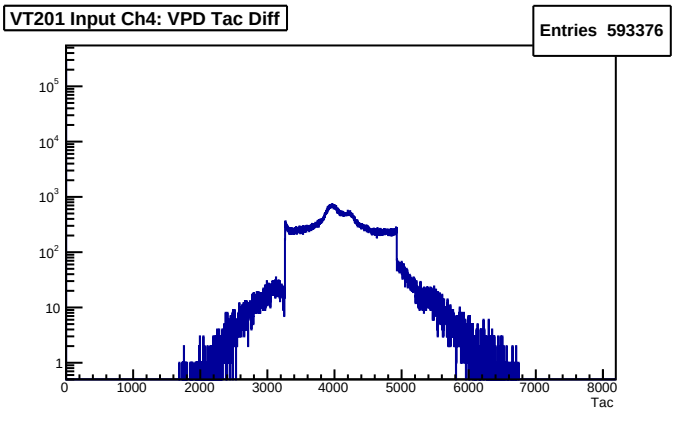

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

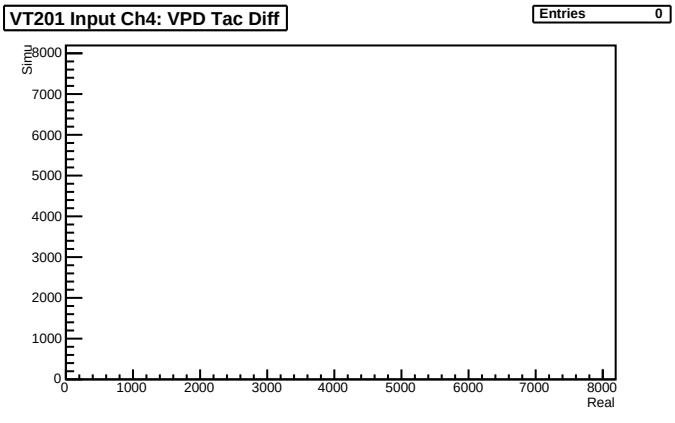

VT201 Input Ch2: ZDC Tac Diff
Entries 593376
Tac

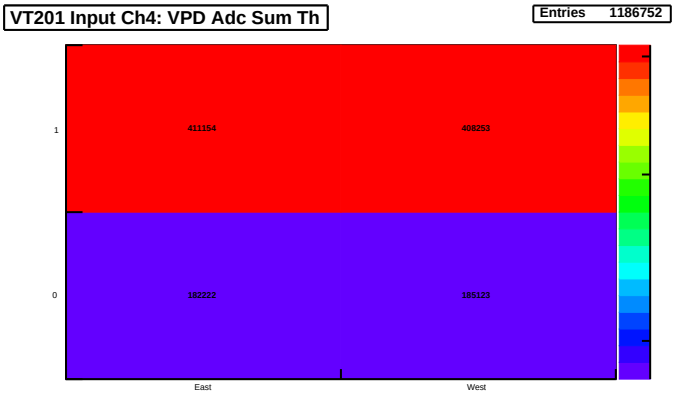

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

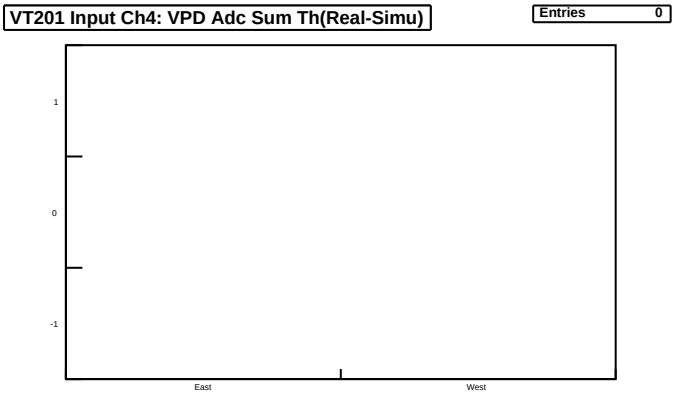

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4747008
11012
2721
19
13
10600
4178
64
52
582364
590655
593357
593363
582776
589198
593312
593324
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

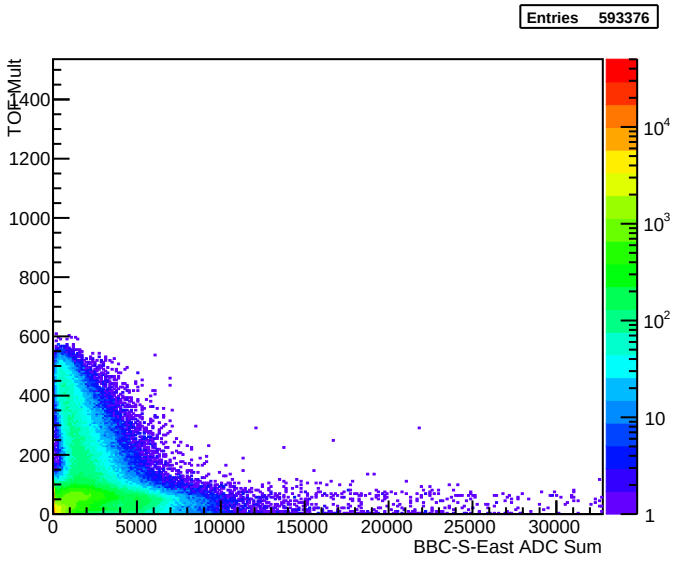

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

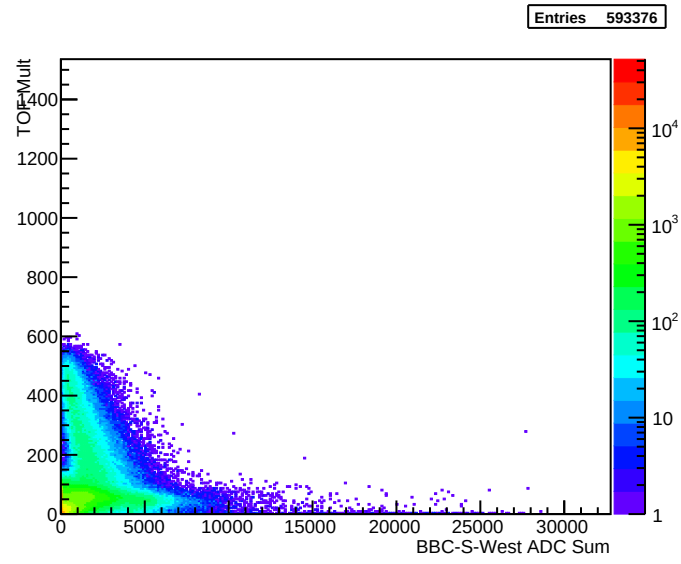

VT201 Input Ch4: VPD Tac Diff
Entries 593376
Tac

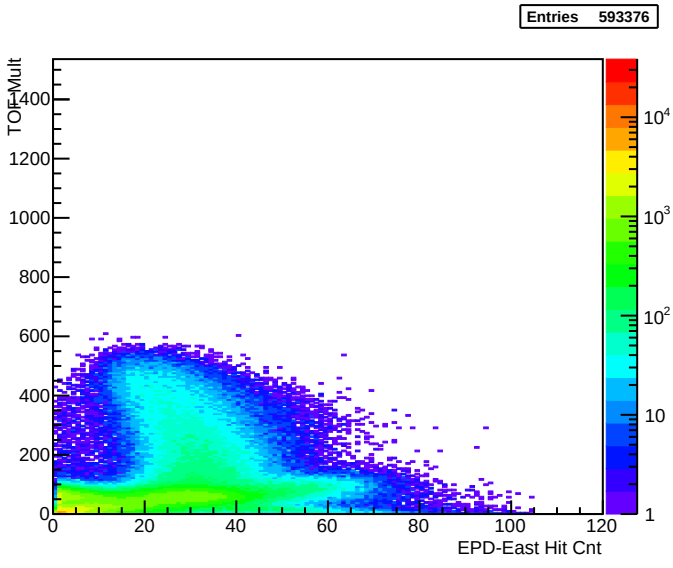

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

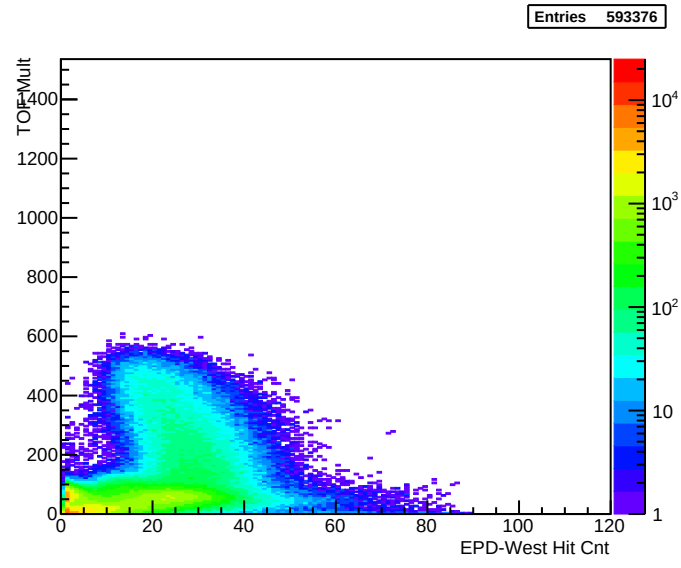

VT201 Input Ch4: VPD Adc Sum Th
Entries 1186752
411154
408253
182222
185123
East
West

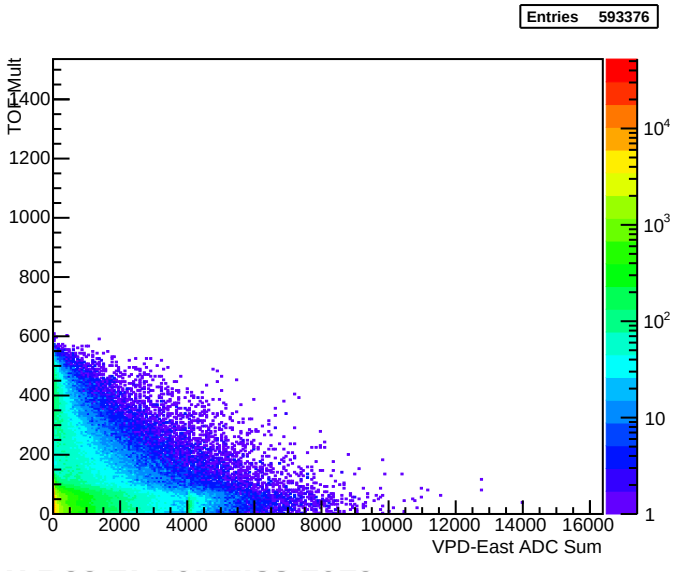

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

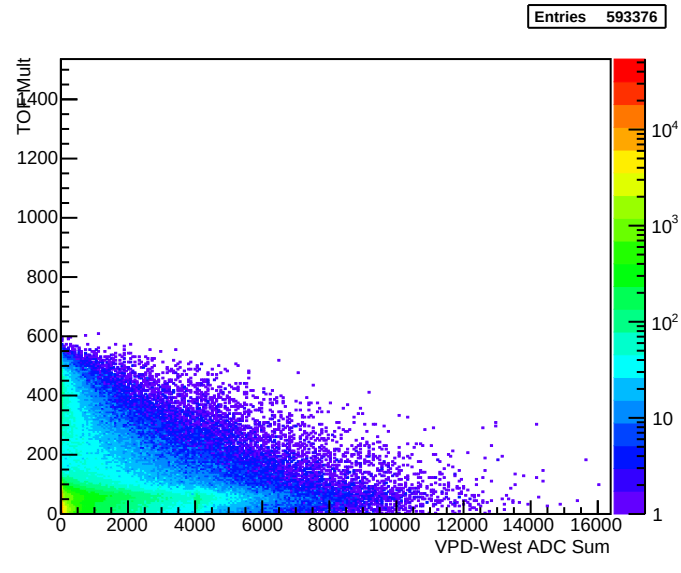

Entries 593376
TOF-Mult
BBC-S-East ADC Sum

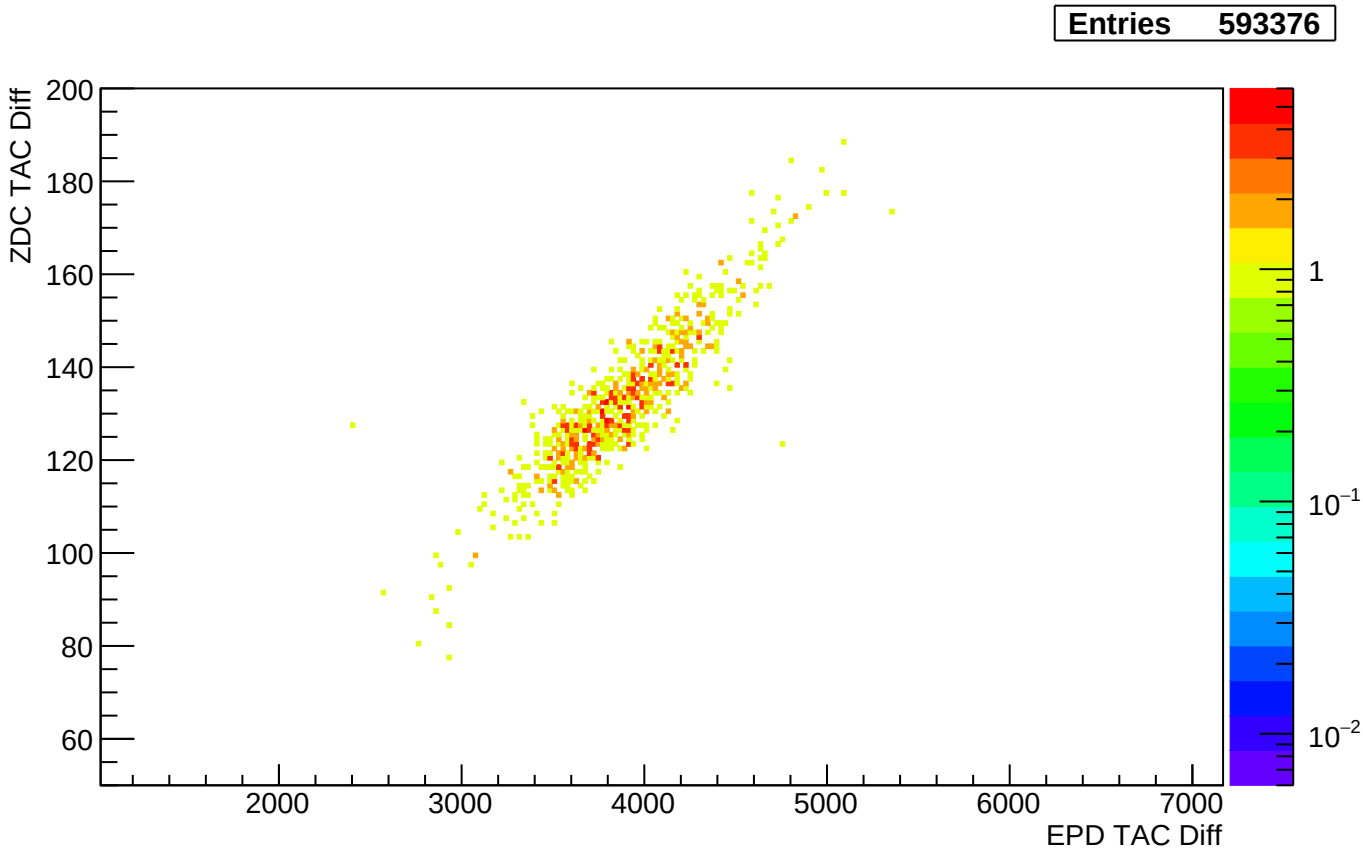

Entries 593376
TOF-Mult
BBC-S-West ADC Sum

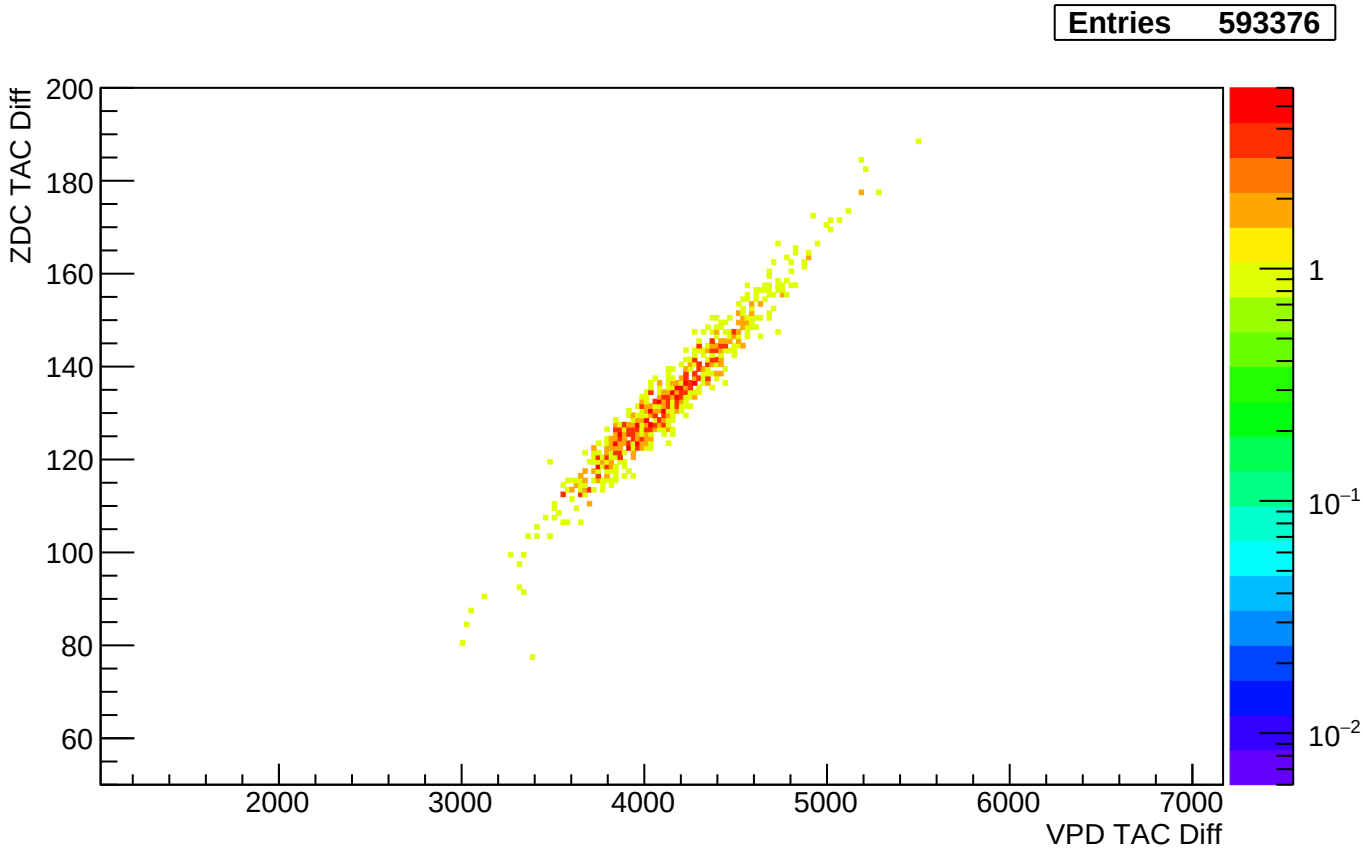

Entries 593376
TOF-Mult
EPD-East Hit Cnt

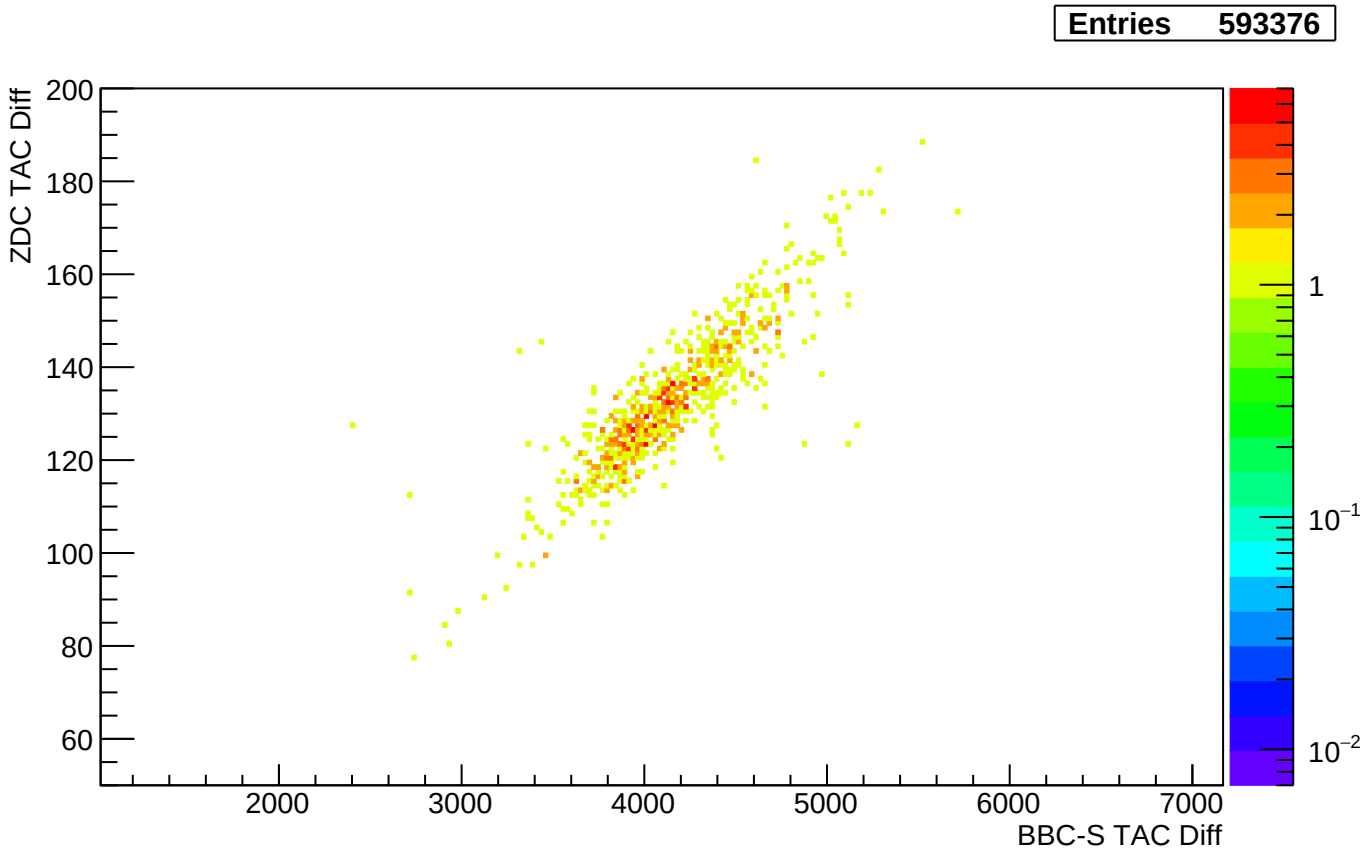

Entries 593376
TOF-Mult
EPD-West Hit Cnt

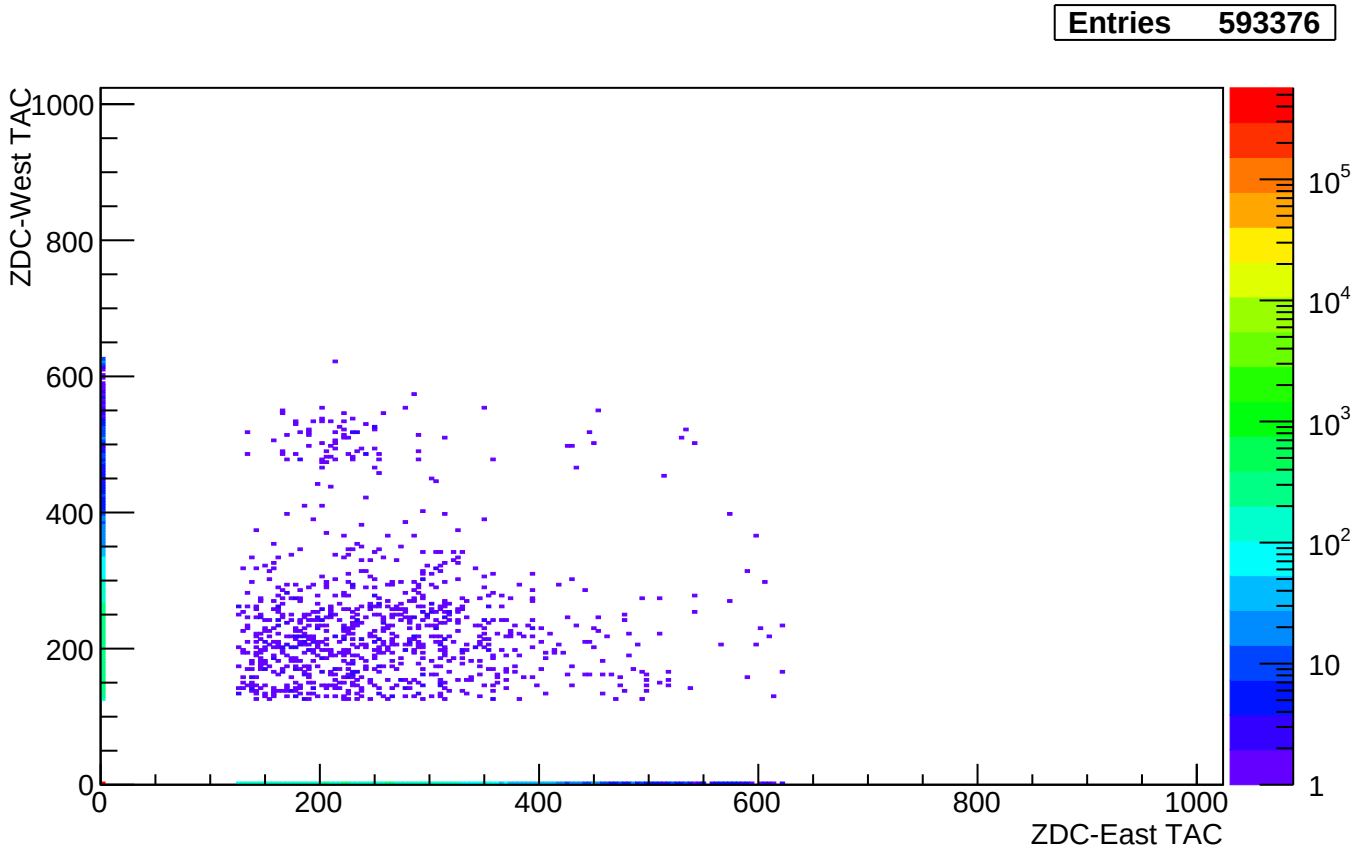

Entries 593376
TOF-Mult
VPD-East ADC Sum

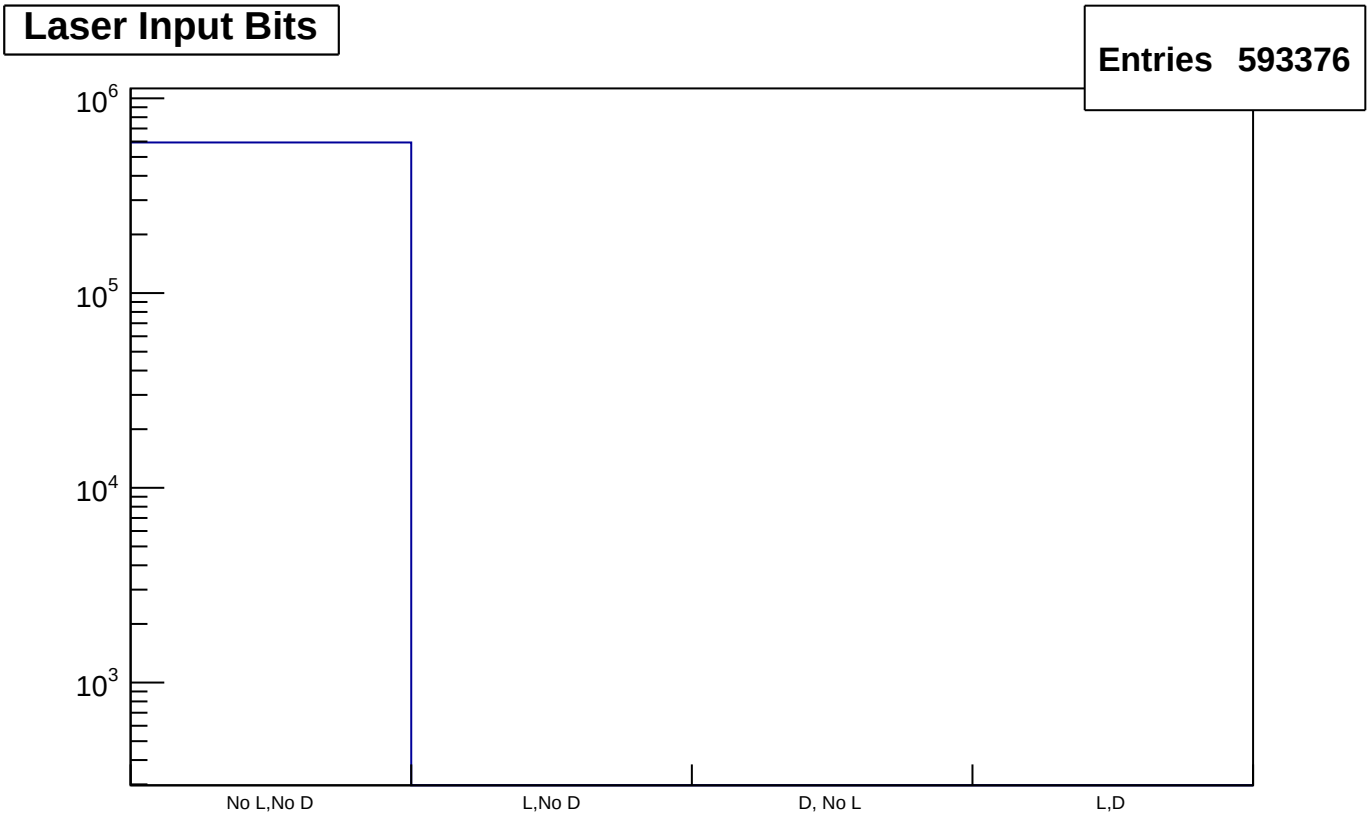

Entries 593376
TOF-Mult
VPD-West ADC Sum

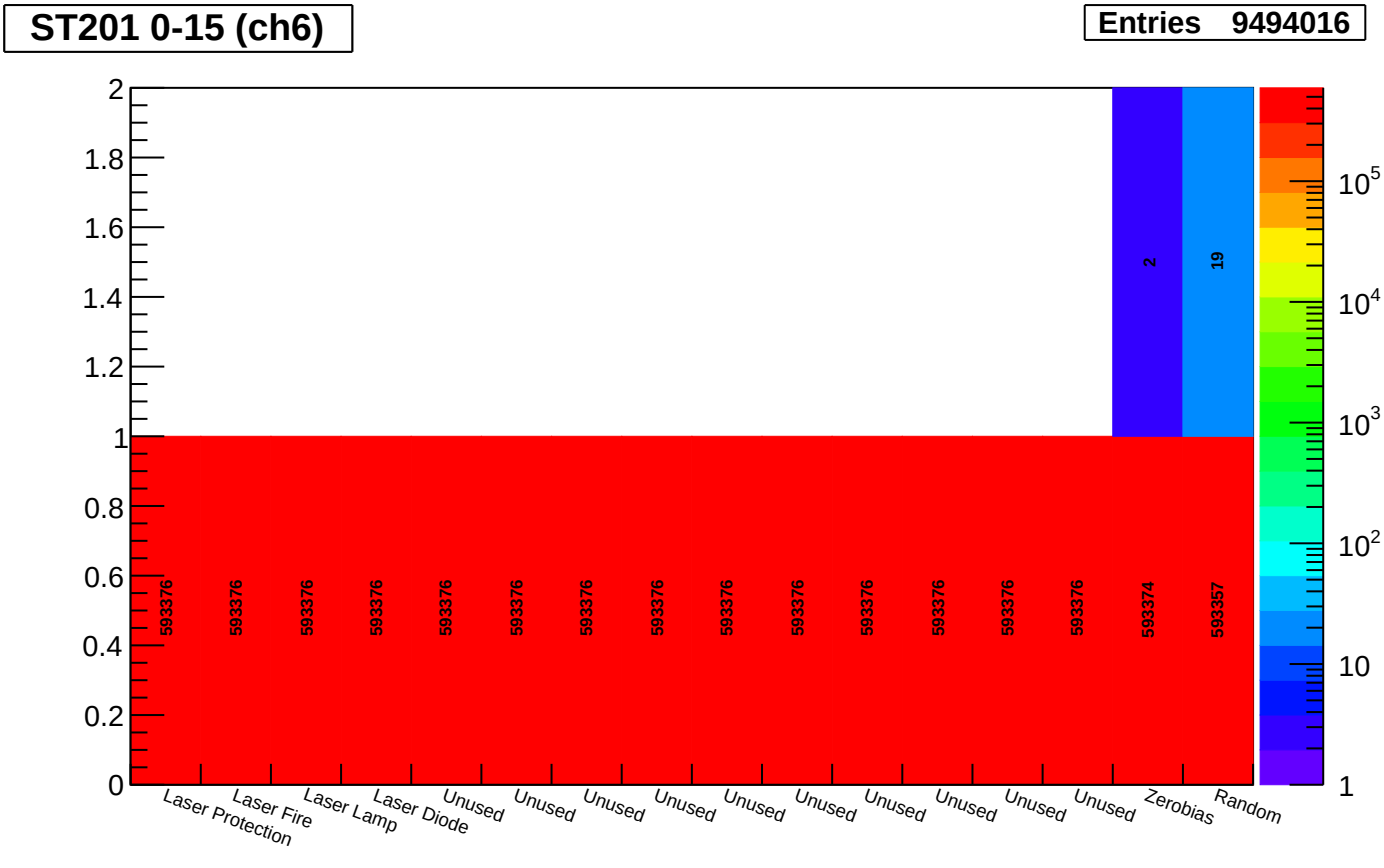

Entries 593376
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

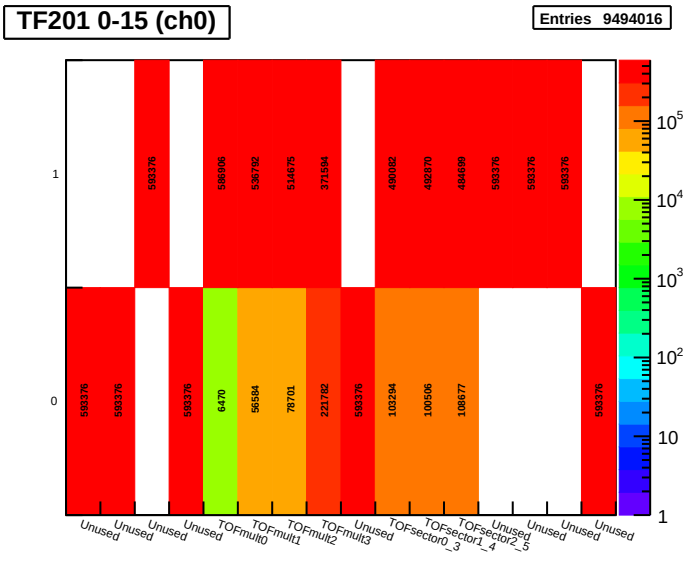

Entries 593376
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

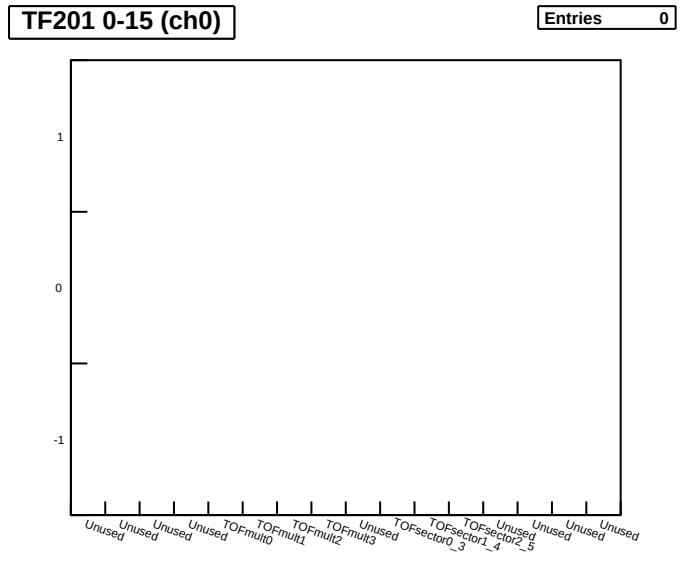

Entries 593376
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

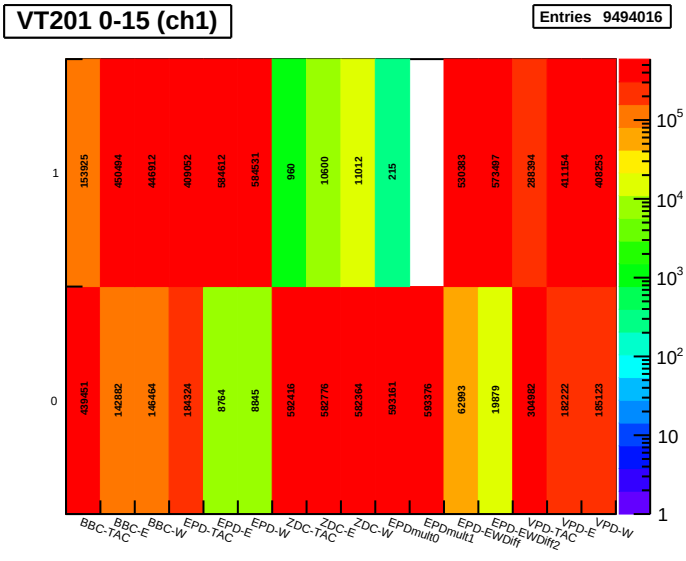

Entries 593376
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

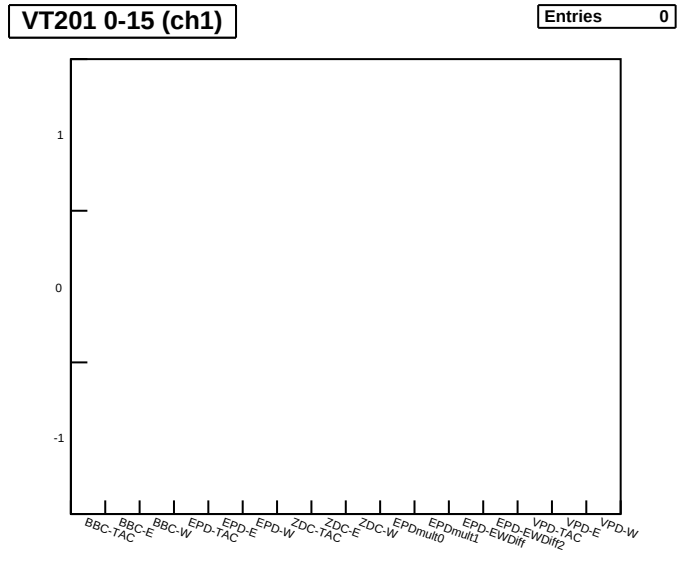

Laser Input Bits
Entries 593376
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

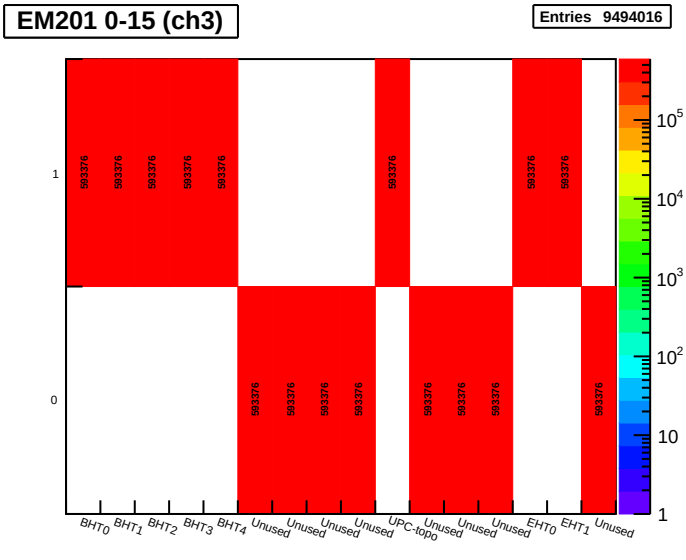

ST201 0-15 (ch6)
Entries 9494016
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593374
593357
2
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

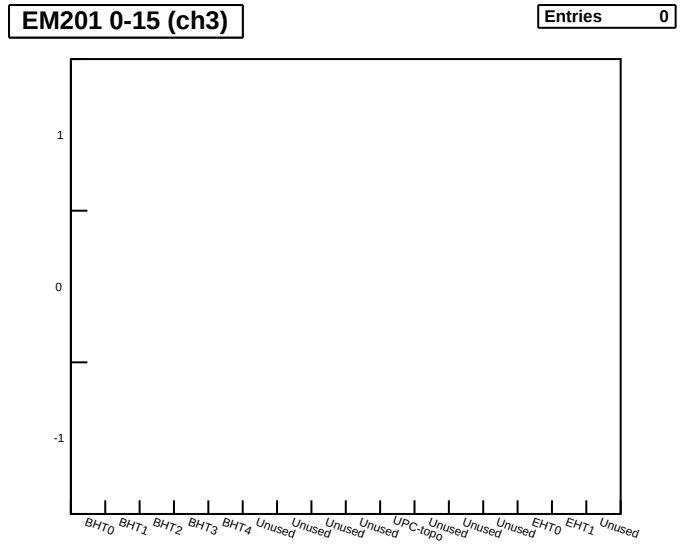

TF201 0-15 (ch0)
Entries 9494016
1
0
593376
586906
536792
514675
371594
490082
492870
494699
593376
593376
593376
593376
593376
593376
593376
6470
56584
78701
221782
593376
103294
100506
108677
593376
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 9494016
1
0
153925
450484
446912
409052
584612
594531
960
10600
11012
215
530383
573487
288394
411154
408253
439451
142882
146464
184324
8764
8845
592416
582776
582364
593161
593376
62993
19879
304982
182222
186123
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 9494016
1
0
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
593376
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