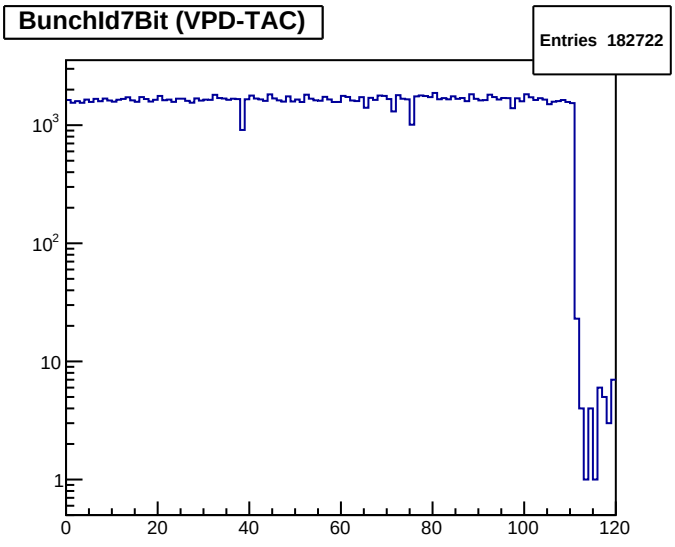
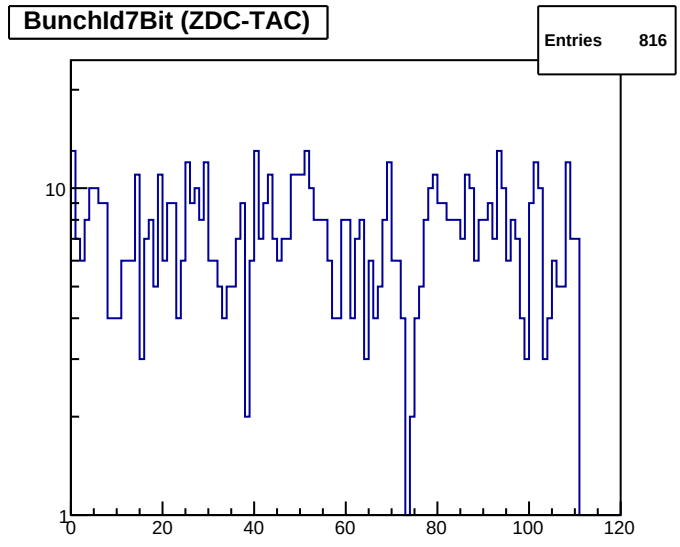
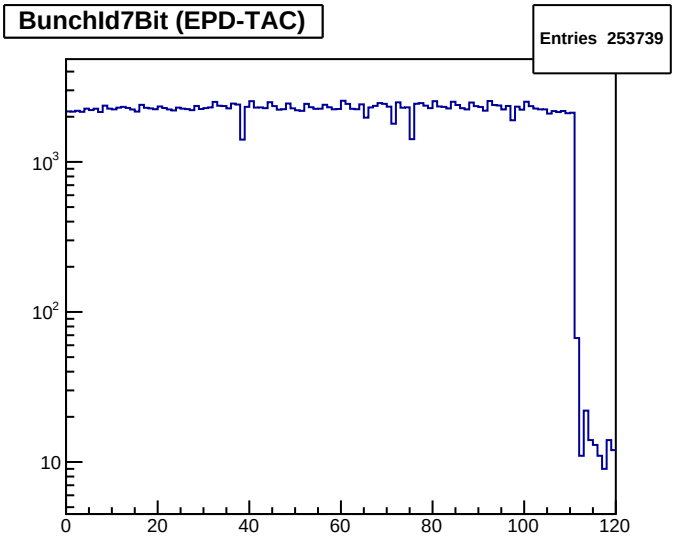
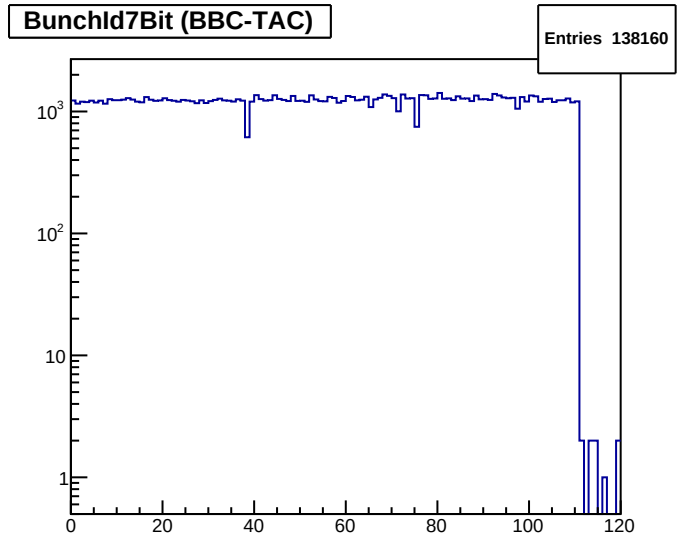
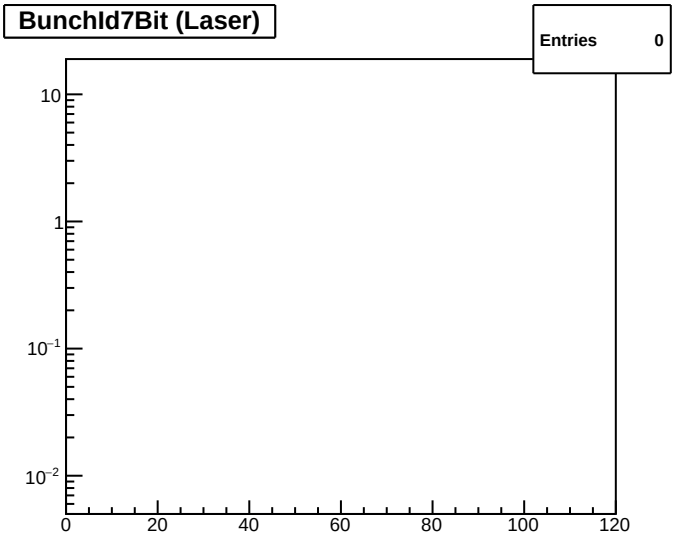
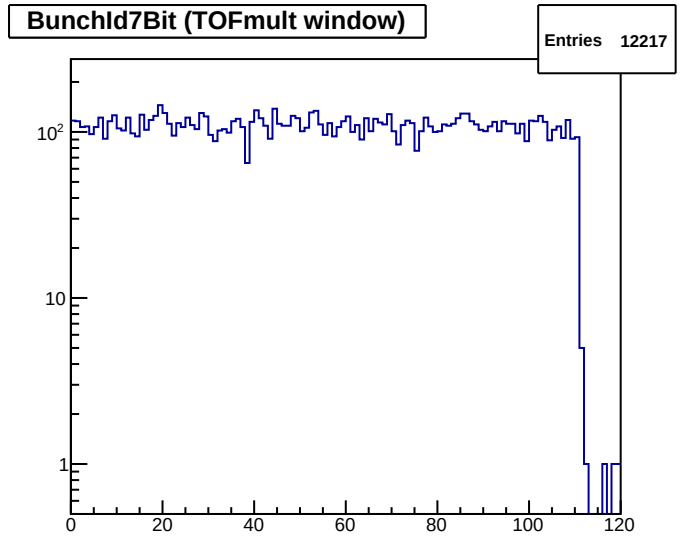

BunchId7Bit (VPD-TAC)
Entries 182722

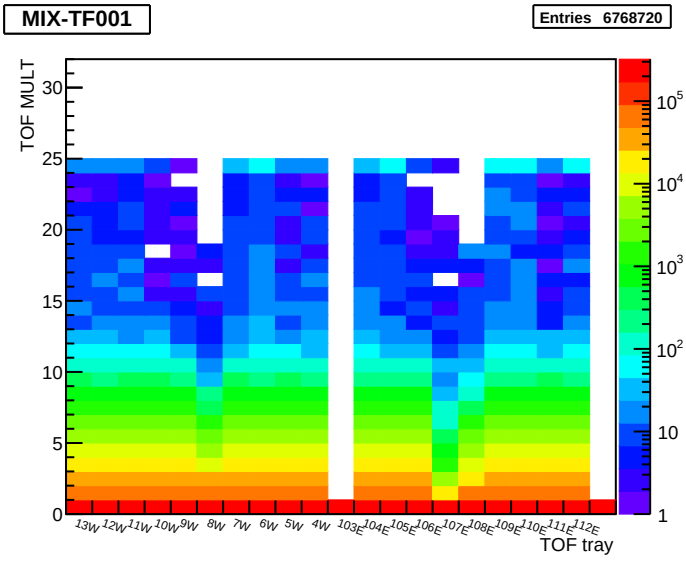

BunchId7Bit (ZDC-TAC)
Entries 816

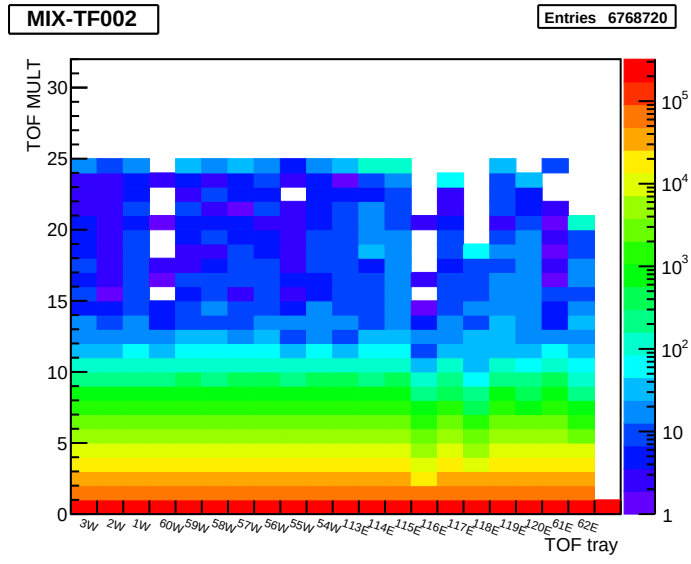

BunchId7Bit (EPD-TAC)
Entries 253739

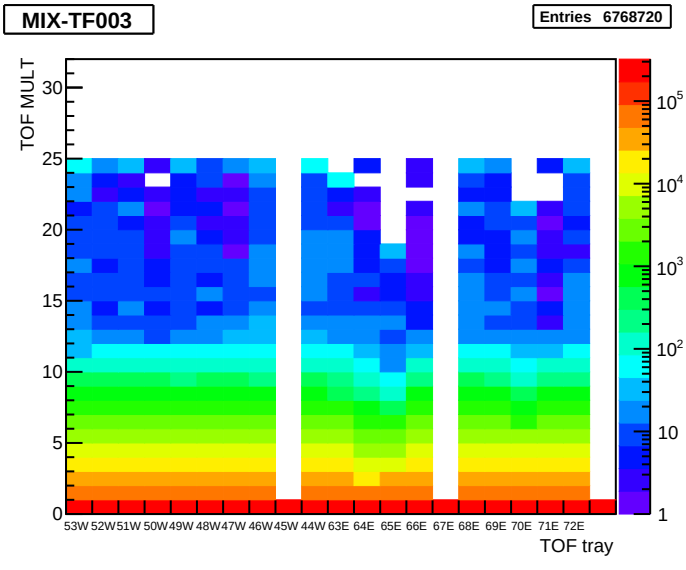

BunchId7Bit (BBC-TAC)
Entries 138160

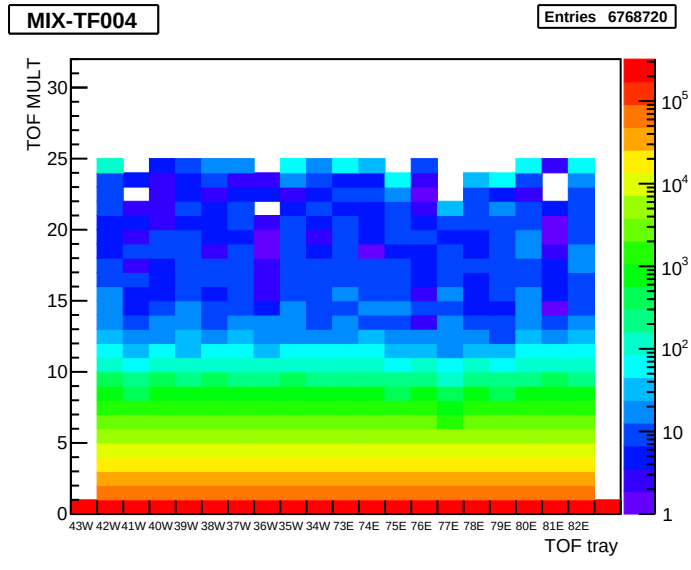

BunchId7Bit (Laser)
Entries 0

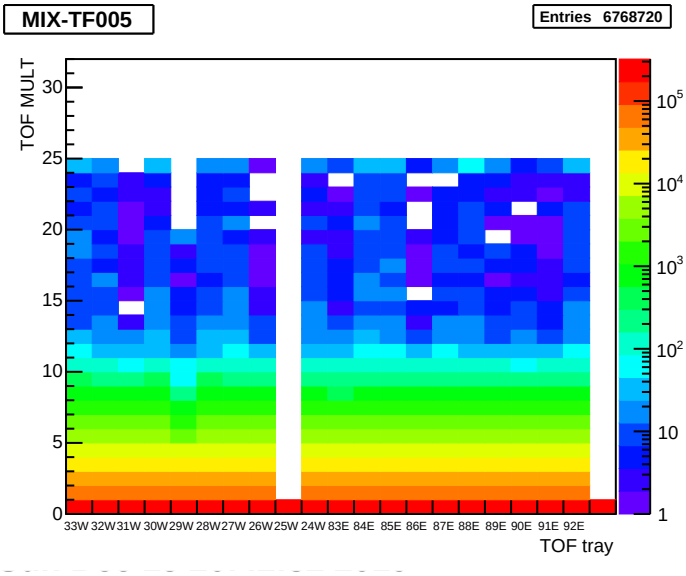

BunchId7Bit (TOFmult window)
Entries 12217

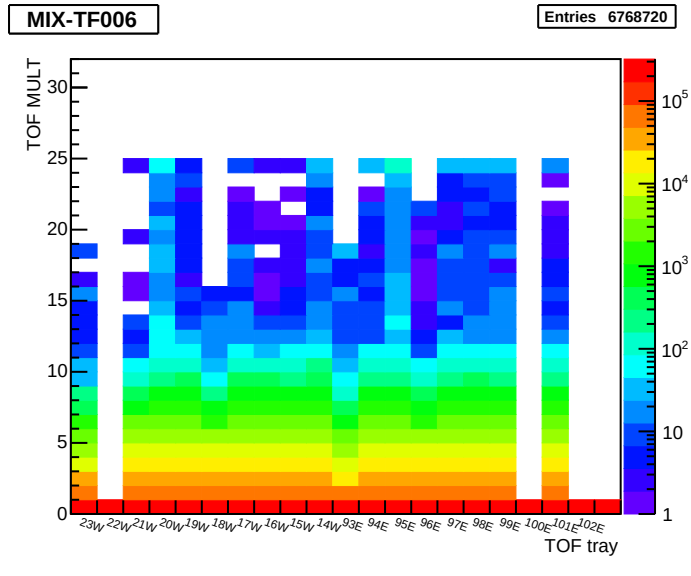

MIX-TF001
Entries 6768720
TOF MULT
TOF tray

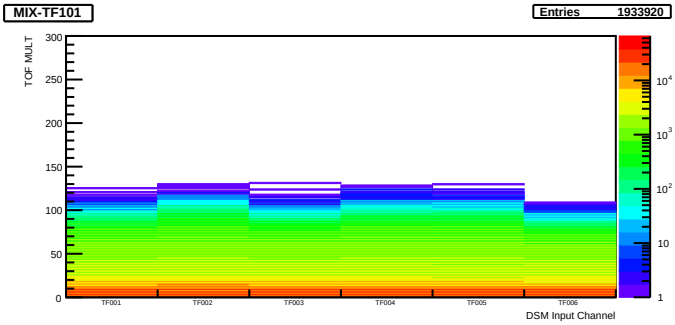

MIX-TF002
Entries 6768720
TOF MULT
TOF tray

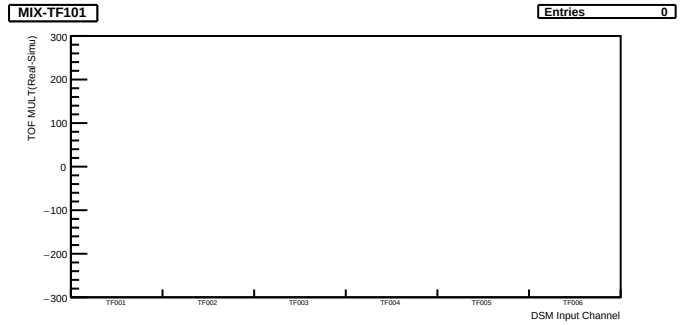

MIX-TF003
Entries 6768720
TOF MULT
TOF tray

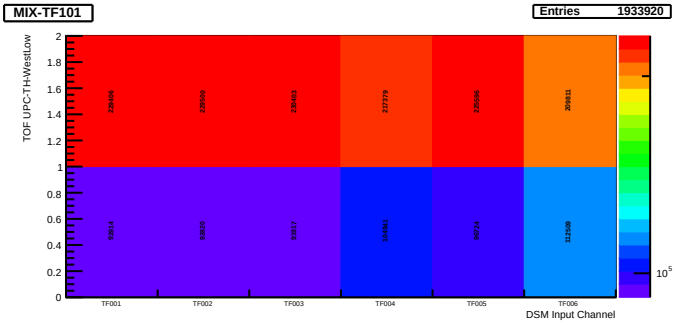

MIX-TF004
Entries 6768720
TOF MULT
TOF tray

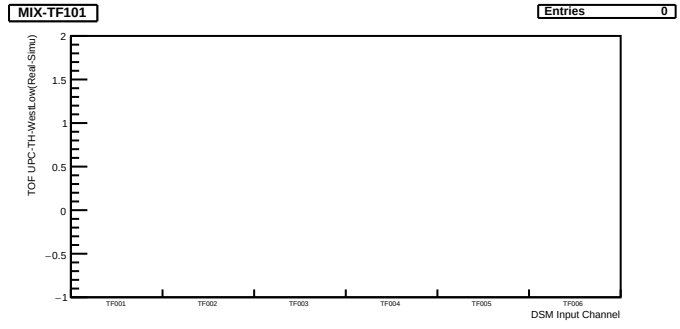

MIX-TF005
Entries 6768720
TOF MULT
TOF tray

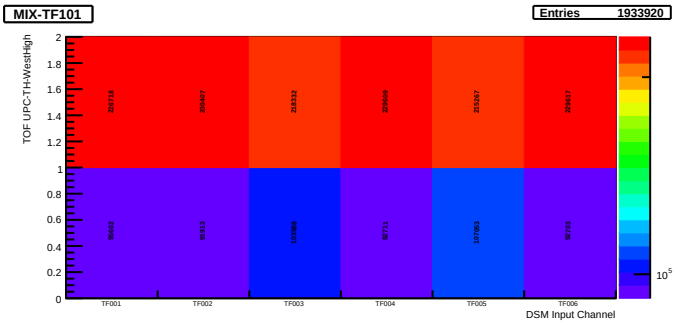

MIX-TF006
Entries 6768720
TOF MULT
TOF tray

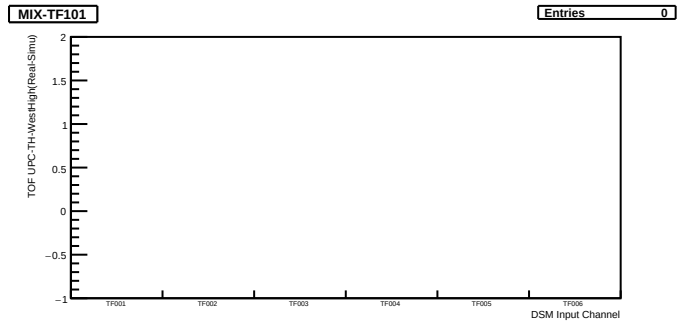

MIX-TF101
Entries 1933920
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

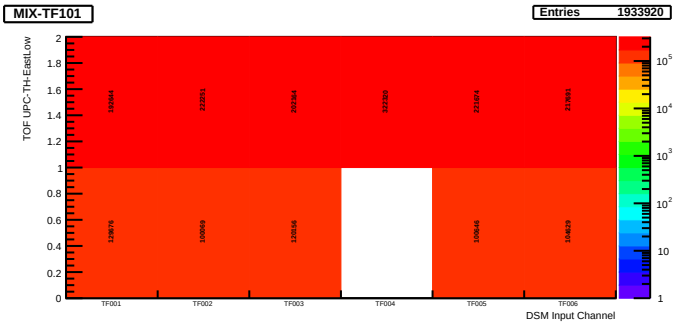

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

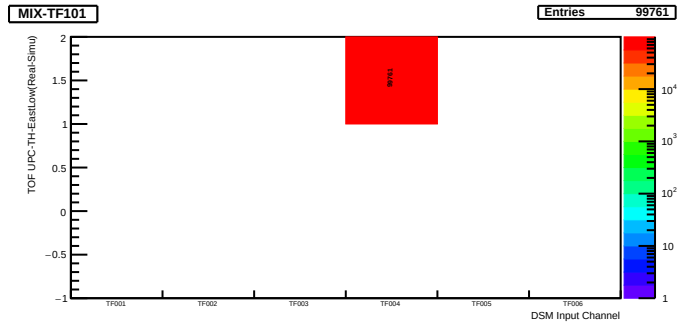

MIX-TF101
Entries 1933920
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

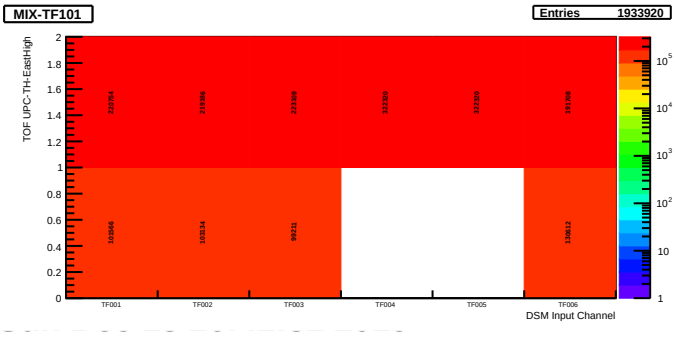

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

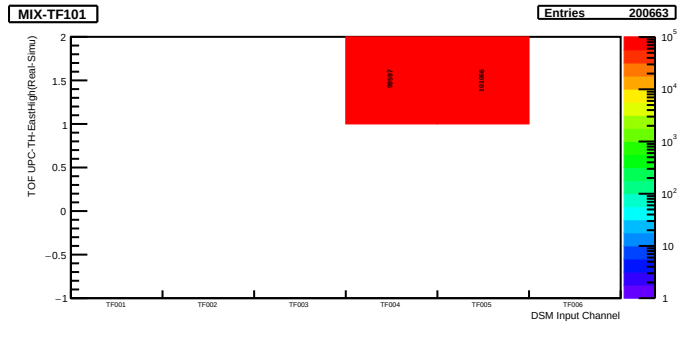

MIX-TF101
Entries 1933920
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

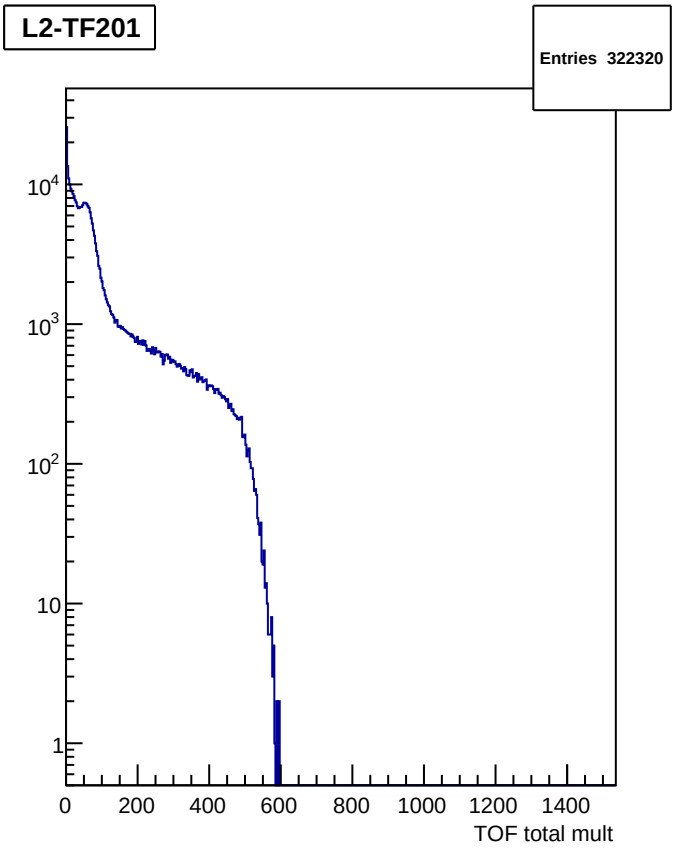

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

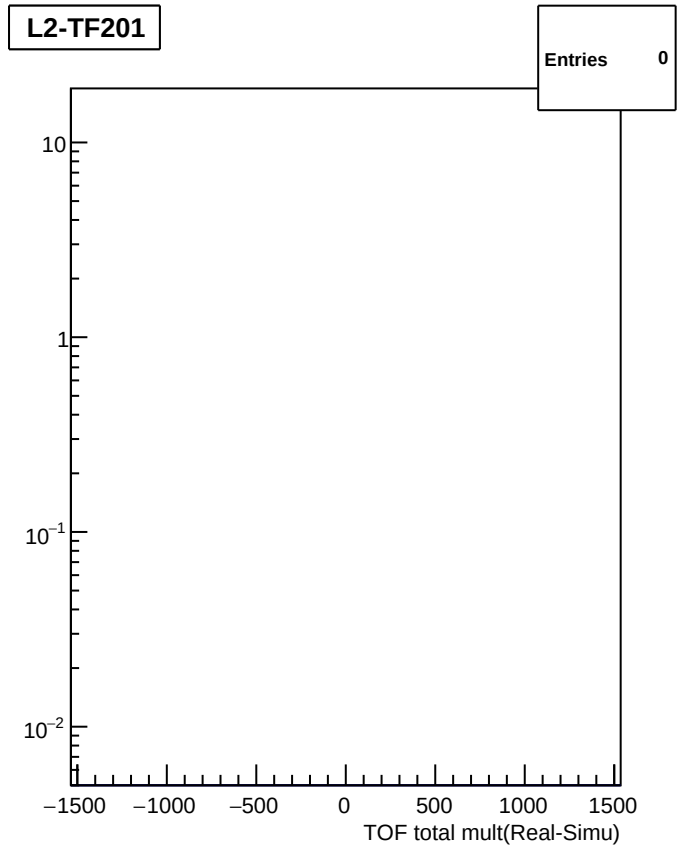

MIX-TF101
Entries 1933920
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

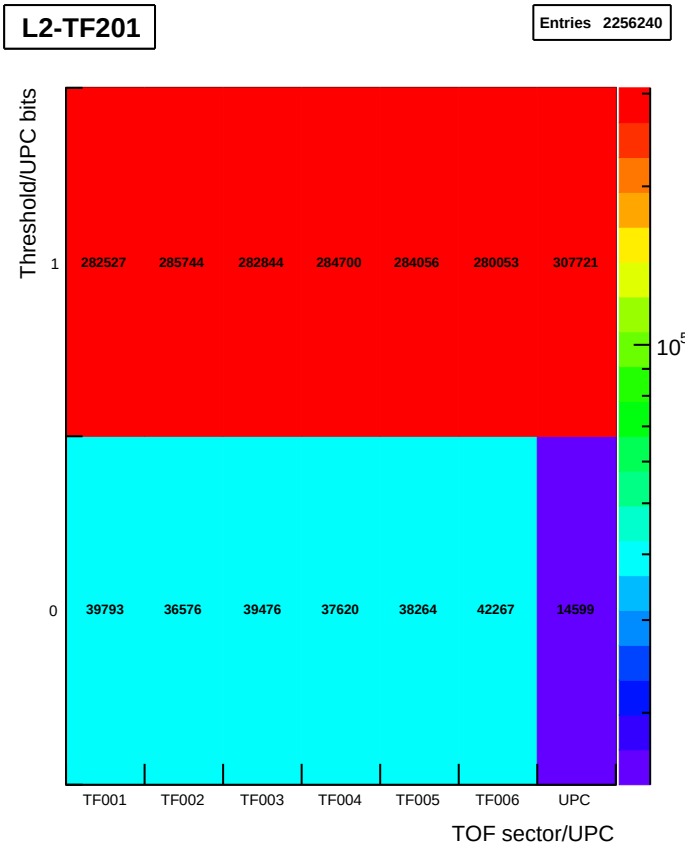

MIX-TF101
Entries 99761
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

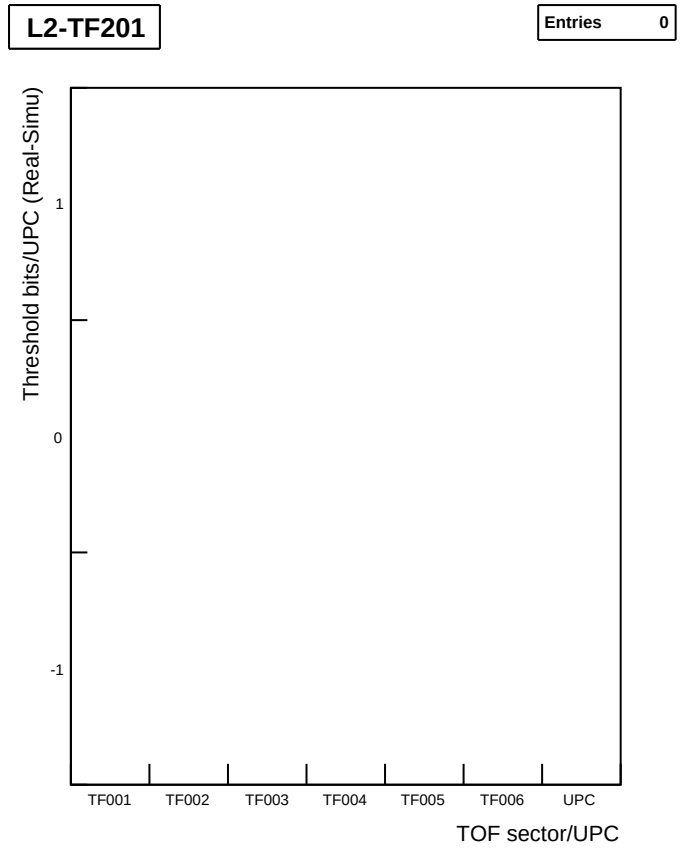

MIX-TF101
Entries 1933920
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

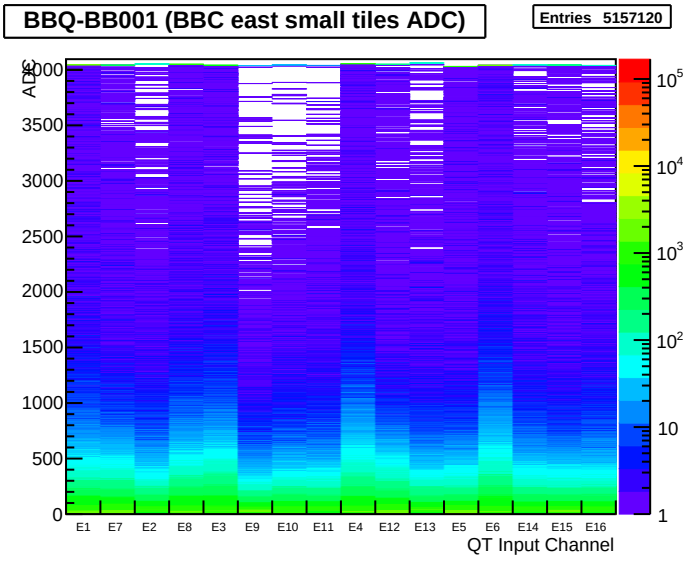

MIX-TF101
Entries 200663
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

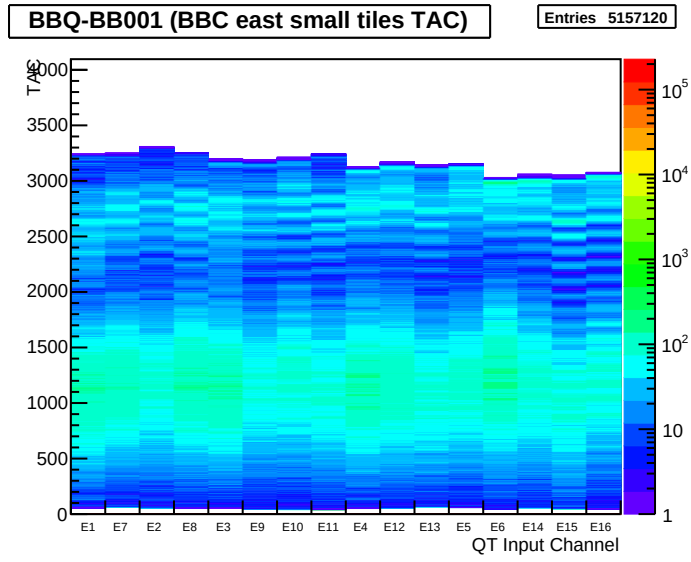

L2-TF201
Entries 322320
TOF total mult

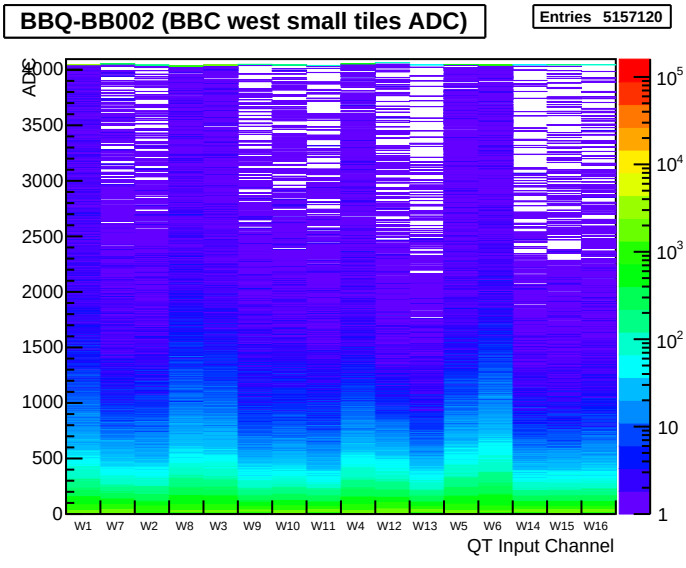

L2-TF201
Entries 0
TOF total mult(Real-Simu)

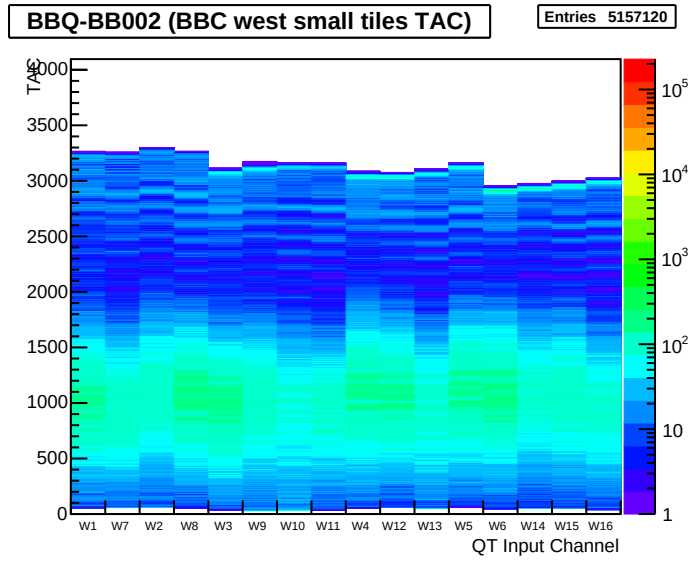

L2-TF201
Entries 2256240
Threshold/UPC bits
282527 285744 282844 284700 284056 280053 307721
39793 36576 39476 37620 38264 42267 14599
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

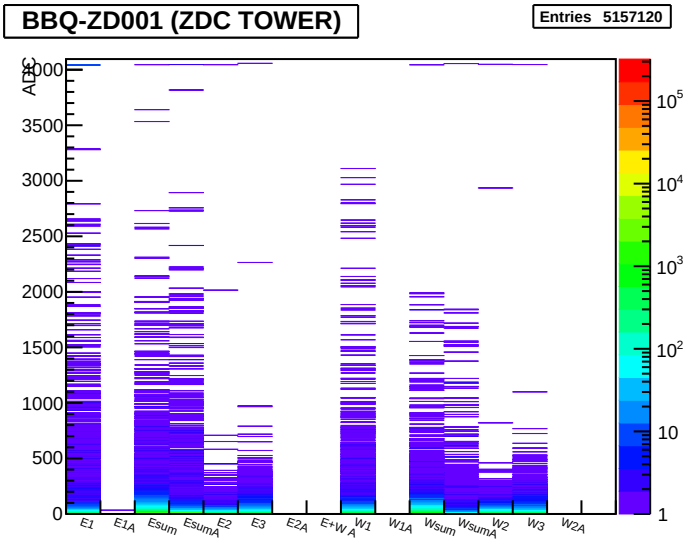

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

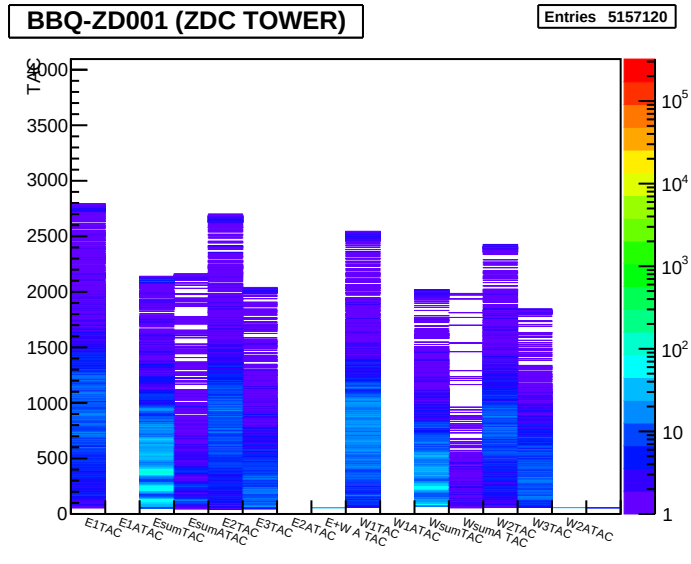

BBQ-BB001 (BBC east small tiles ADC)
Entries 5157120
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

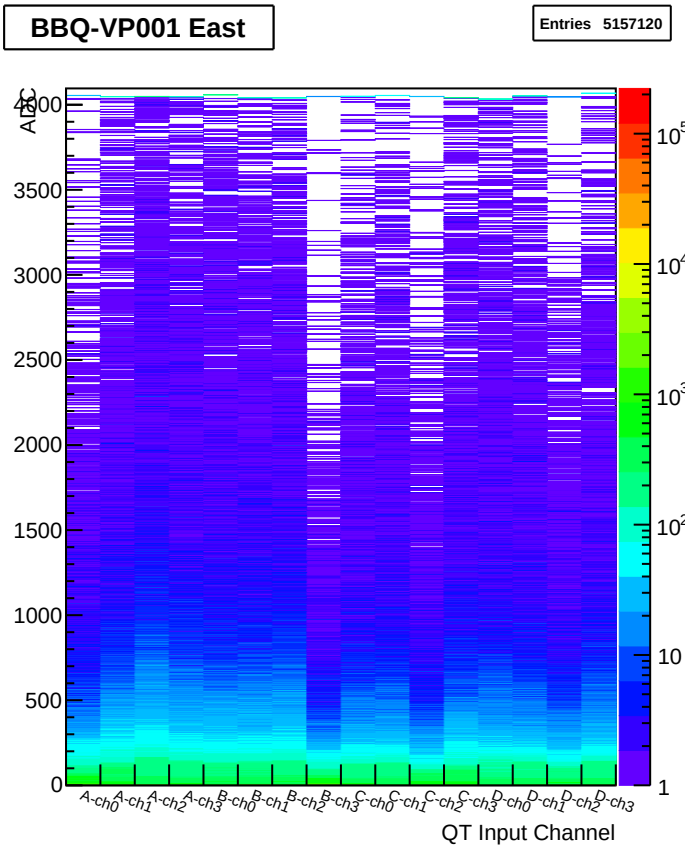

BBQ-BB001 (BBC east small tiles TAC)
Entries 5157120
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

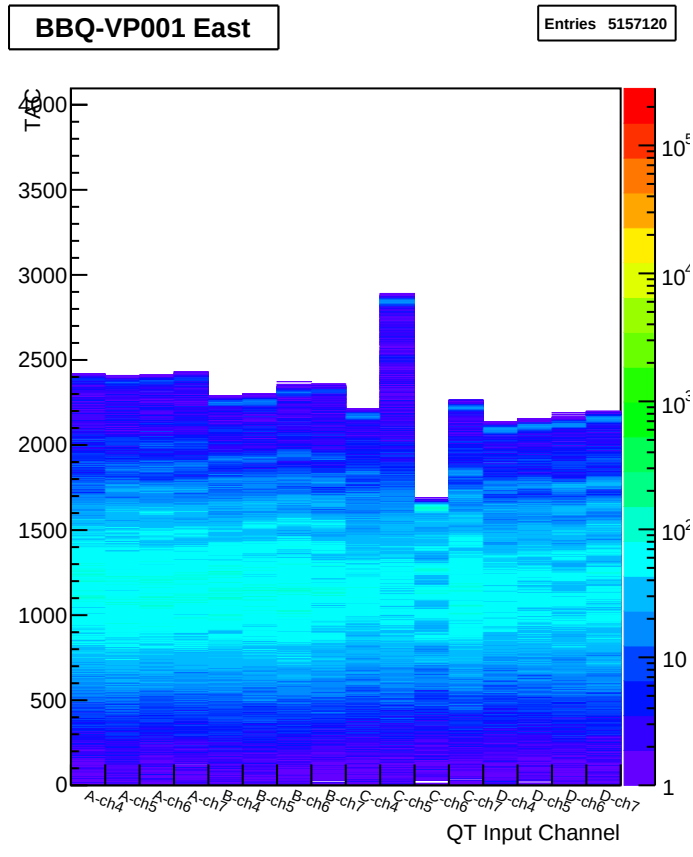

BBQ-BB002 (BBC west small tiles ADC)
Entries 5157120
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

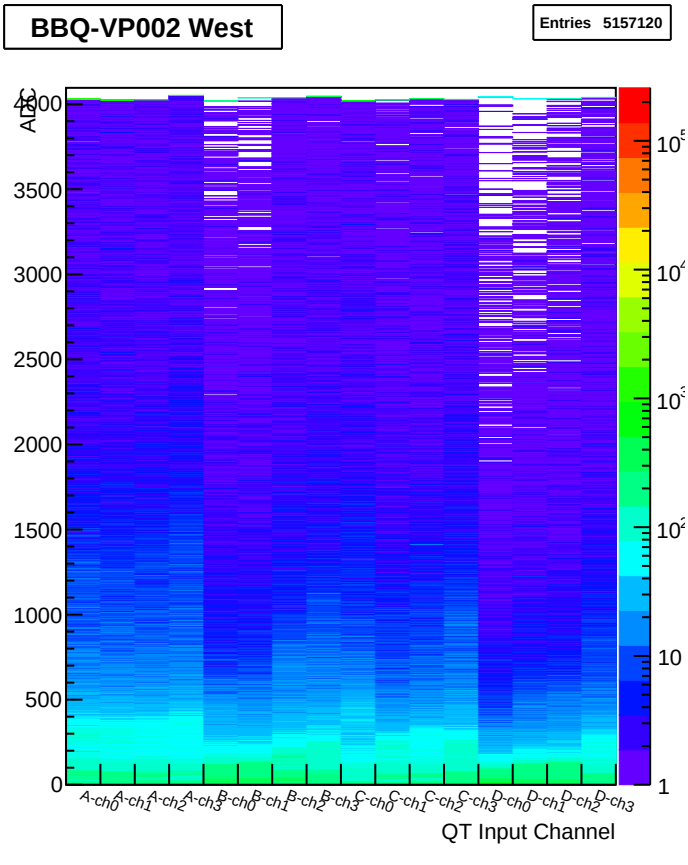

BBQ-BB002 (BBC west small tiles TAC)
Entries 5157120
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

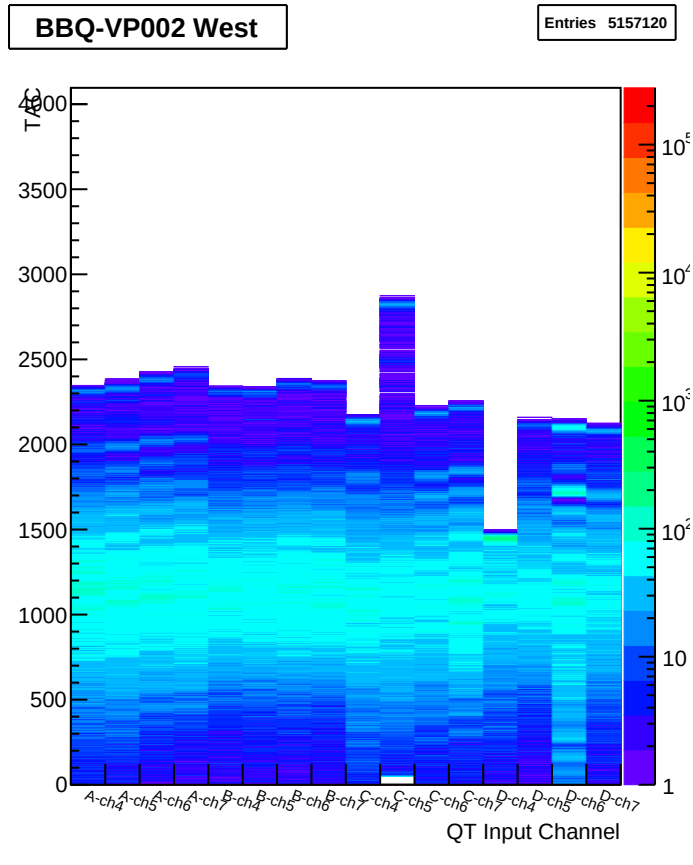

BBQ-ZD001 (ZDC TOWER)
Entries 5157120
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

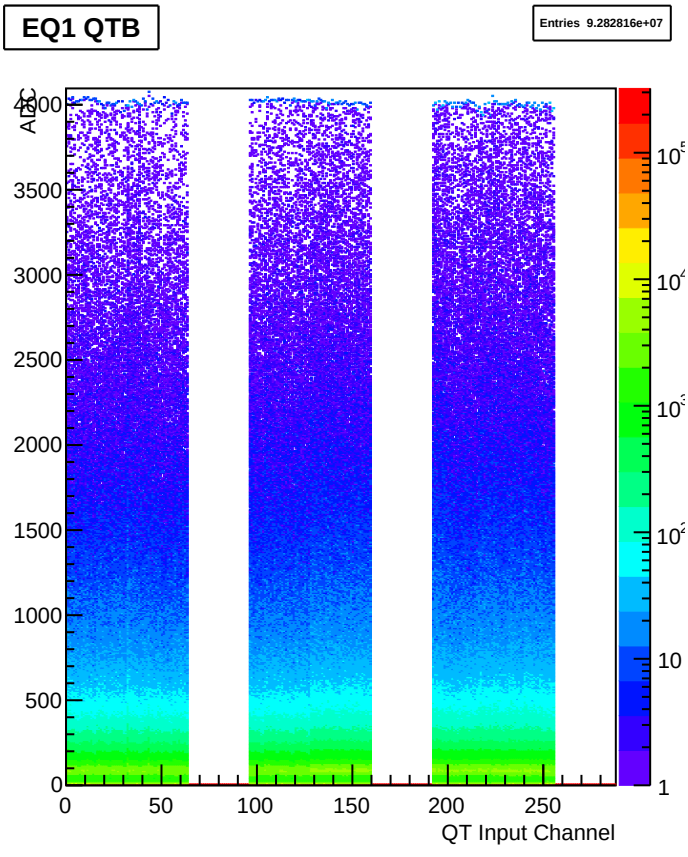

BBQ-ZD001 (ZDC TOWER)
Entries 5157120
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

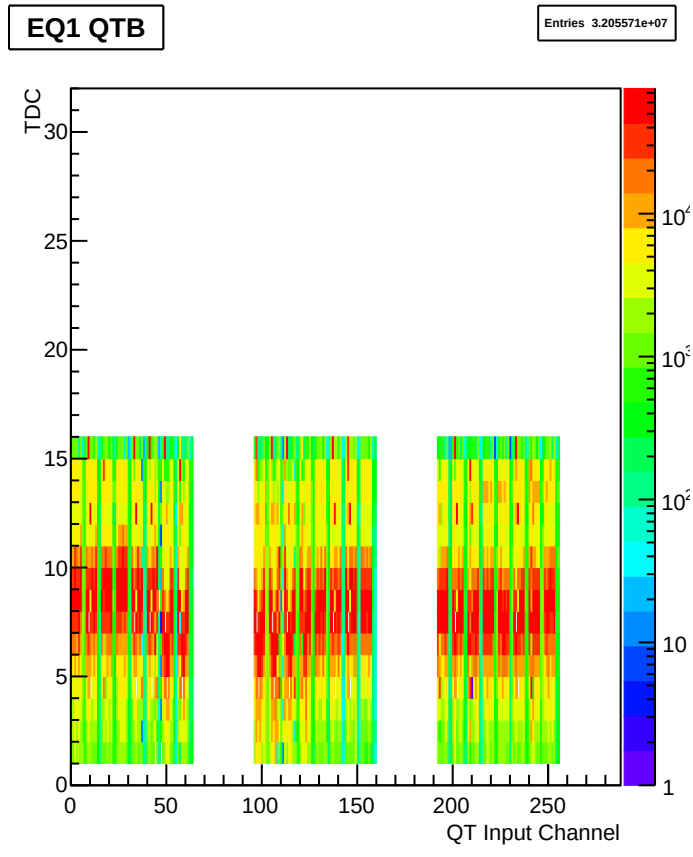

BBQ-VP001 East
Entries 5157120
ADC
QT Input Channel

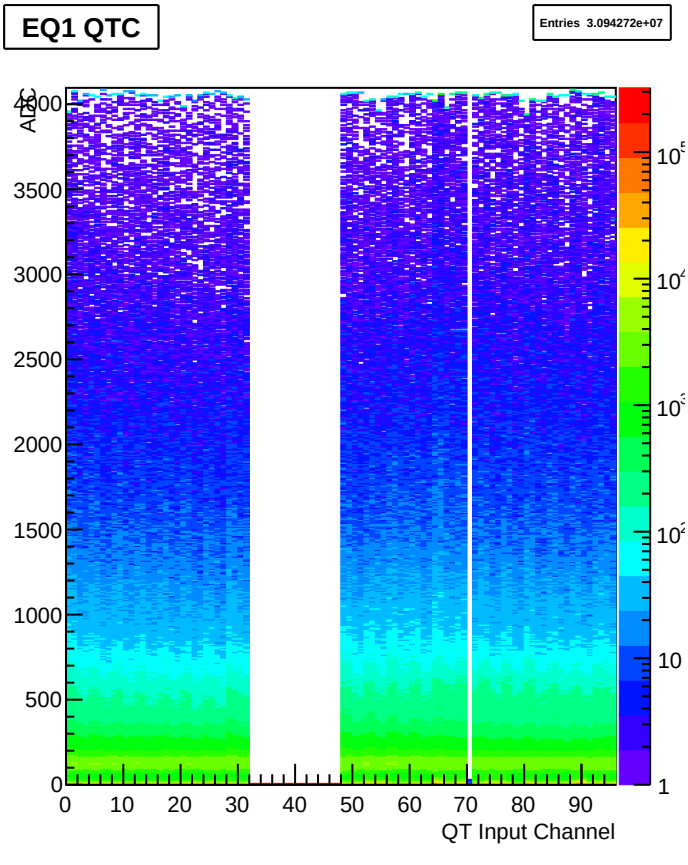

BBQ-VP001 East
Entries 5157120
TADC
QT Input Channel

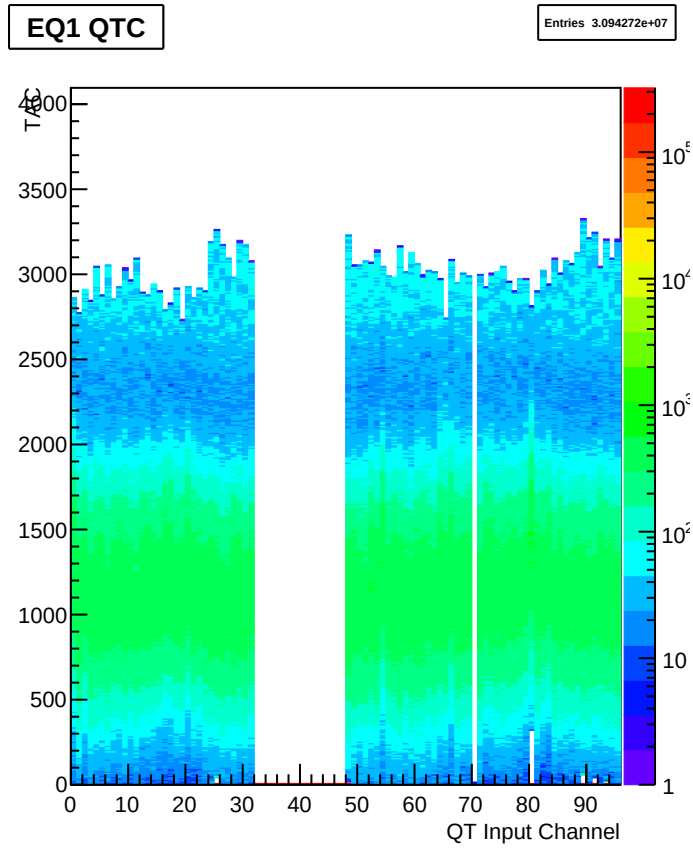

BBQ-VP002 West
Entries 5157120
ADC
QT Input Channel

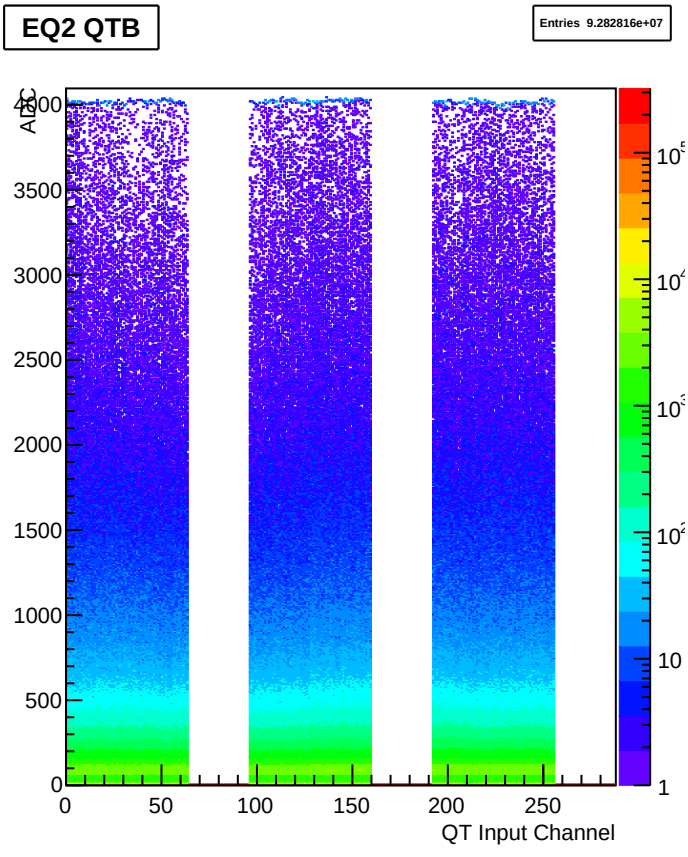

BBQ-VP002 West
Entries 5157120
TADC
QT Input Channel

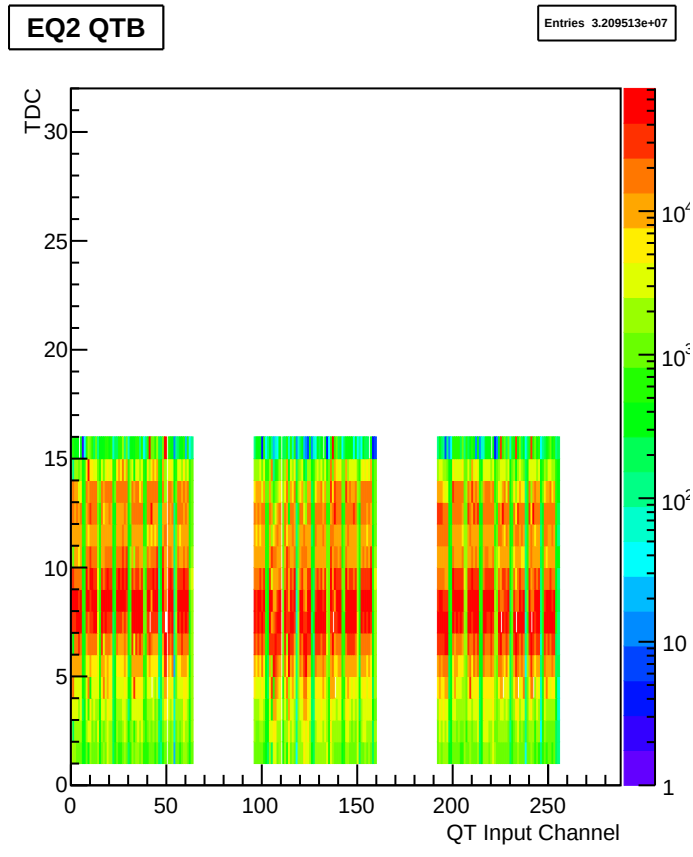

EQ1 QTB
Entries 9.282816e+07
ADC
QT Input Channel

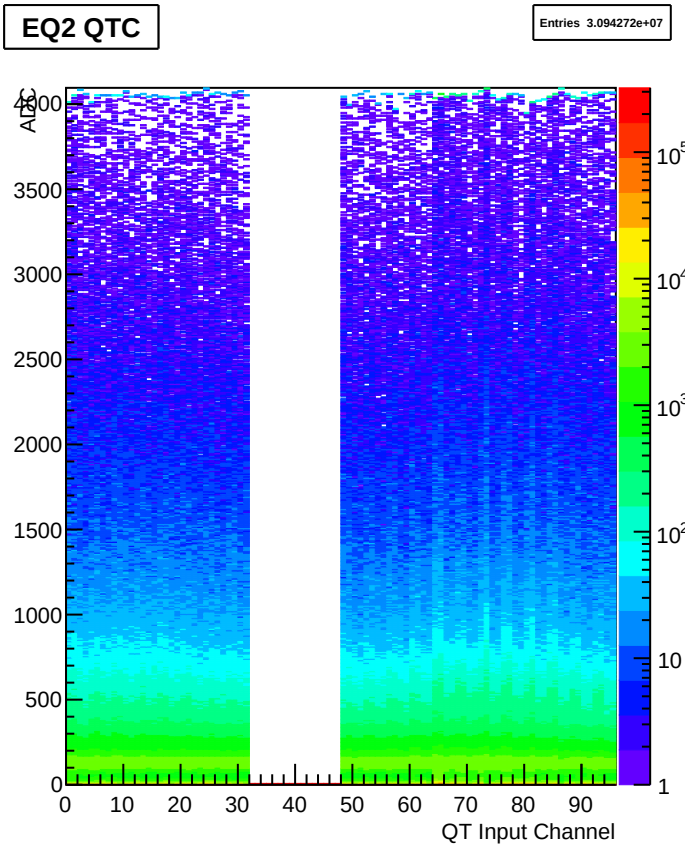

EQ1 QTB
Entries 3.205571e+07
TDC
QT Input Channel

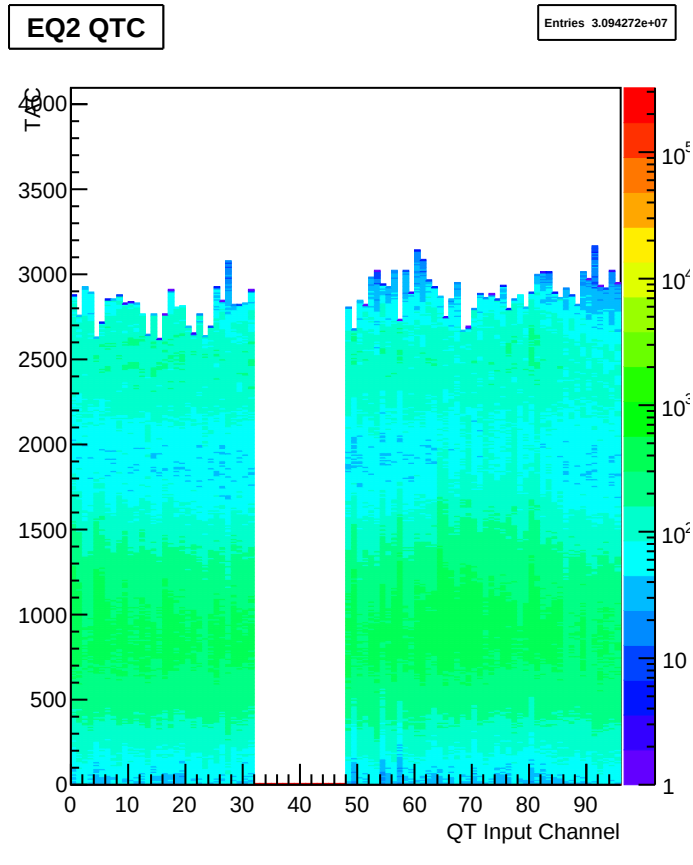

EQ1 QTC
Entries 3.094272e+07
ADC
QT Input Channel

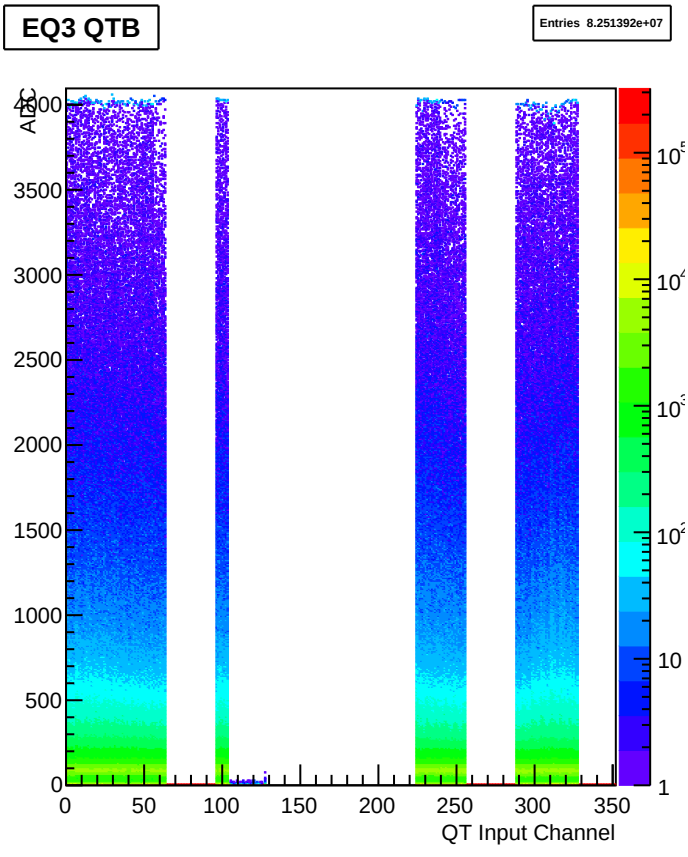

EQ1 QTC
Entries 3.094272e+07
TADC
QT Input Channel

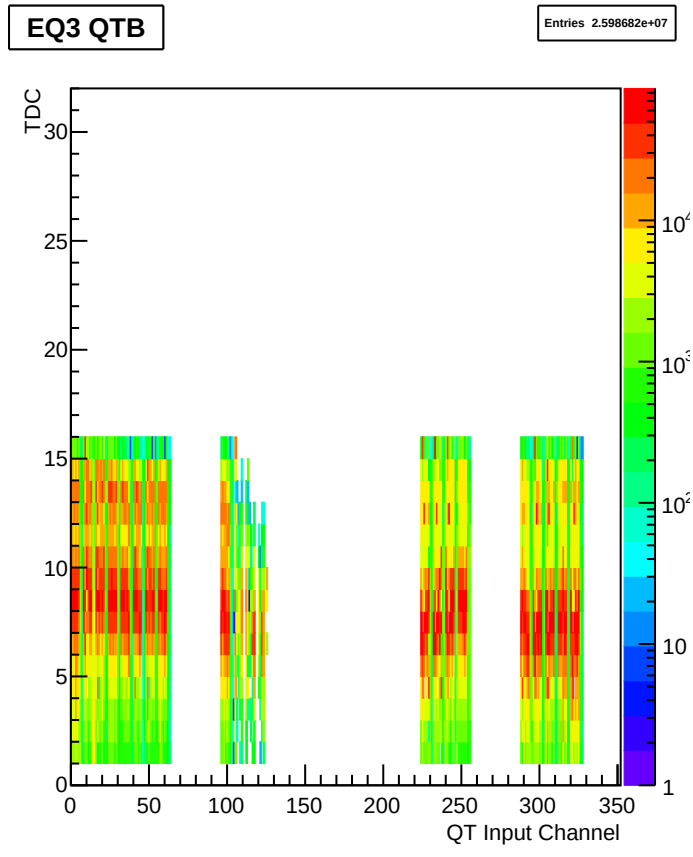

EQ2 QTB
Entries 9.282816e+07
ADC
QT Input Channel

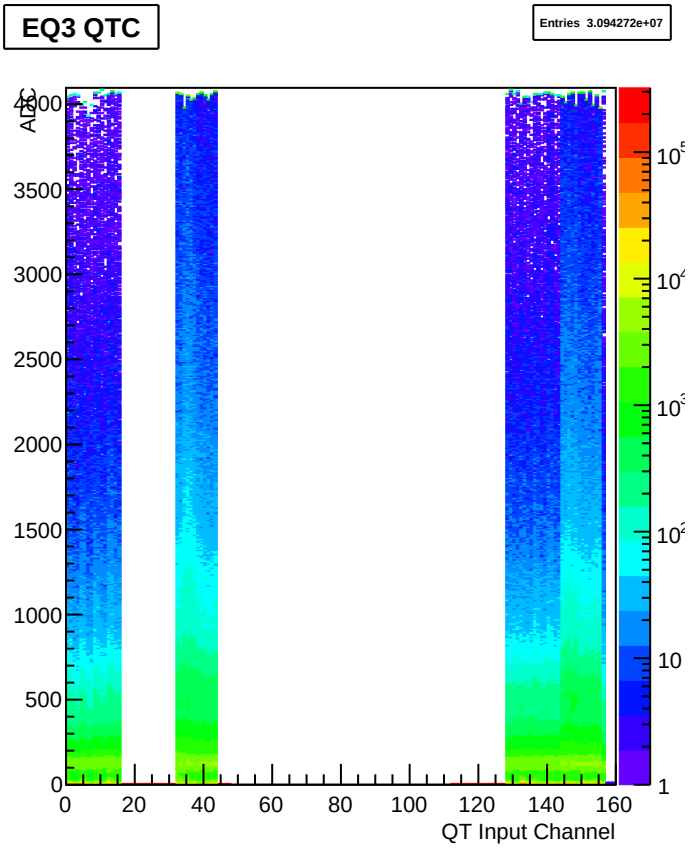

EQ2 QTB
Entries 3.209513e+07
TDC
QT Input Channel

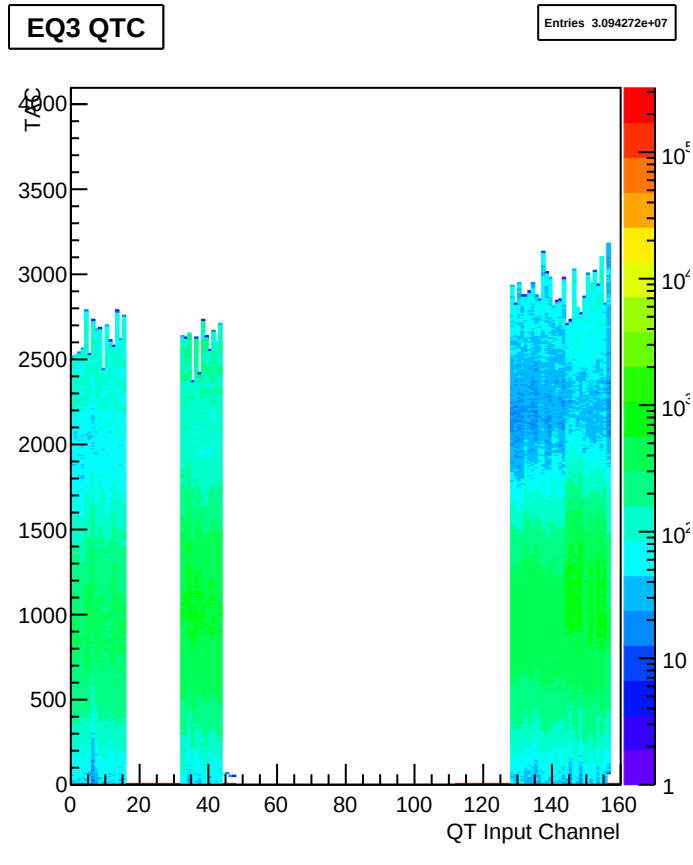

EQ2 QTC
Entries 3.094272e+07
ADC
QT Input Channel

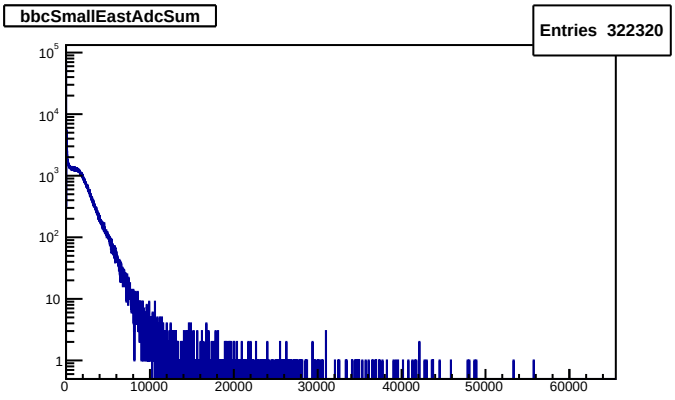

EQ2 QTC
Entries 3.094272e+07
TADC
QT Input Channel

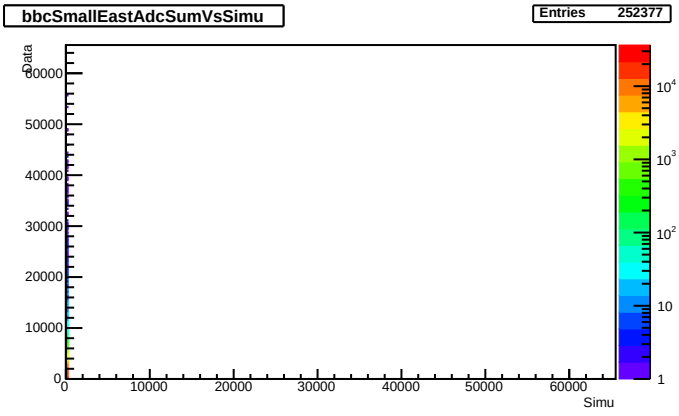

EQ3 QTB
Entries 8.251392e+07
ADC
QT Input Channel

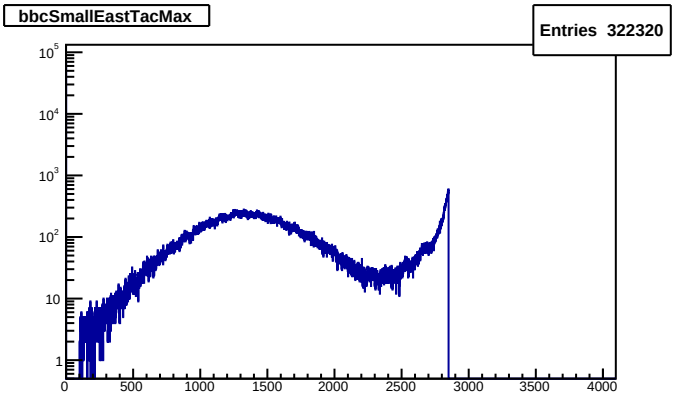

EQ3 QTB
Entries 2.598682e+07
TDC
QT Input Channel

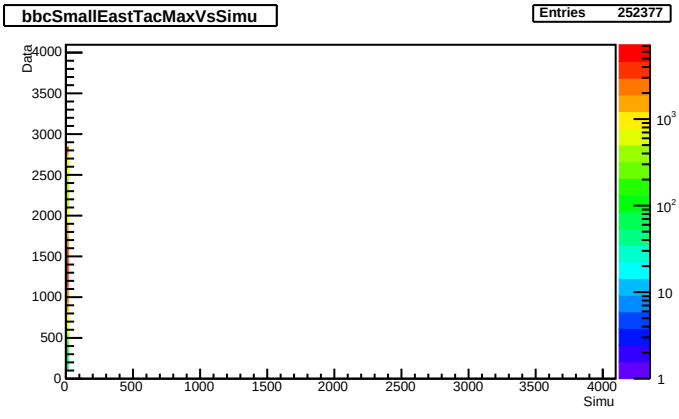

EQ3 QTC
Entries 3.094272e+07
ADC
QT Input Channel

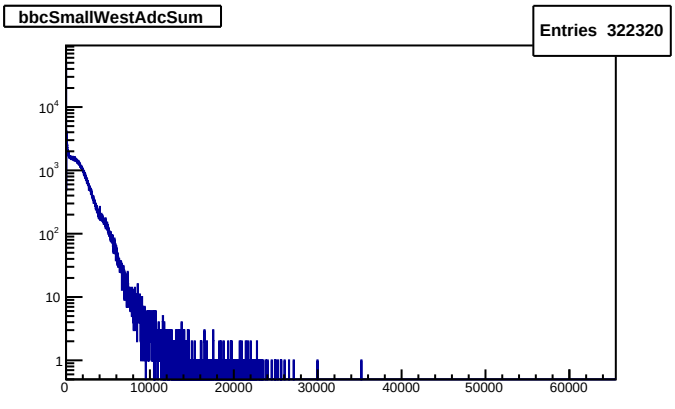

EQ3 QTC
Entries 3.094272e+07
TADC
QT Input Channel

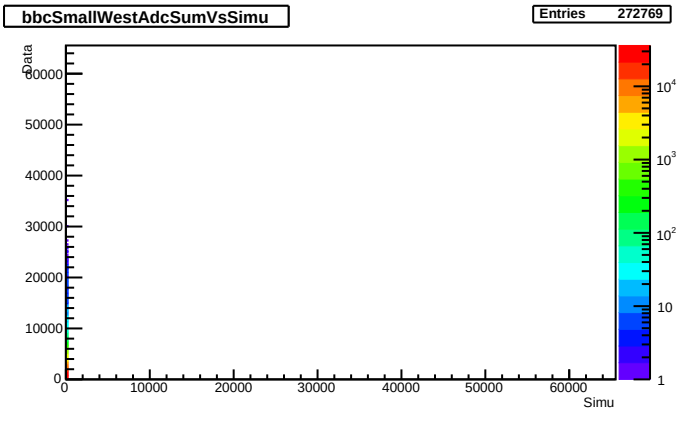

bbcSmallEastAdcSum
Entries 322320

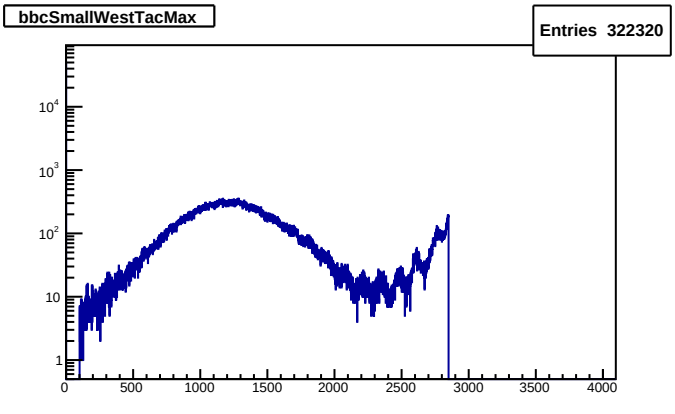

bbcSmallEastAdcSumVsSimu
Entries 252377
Data
Simu

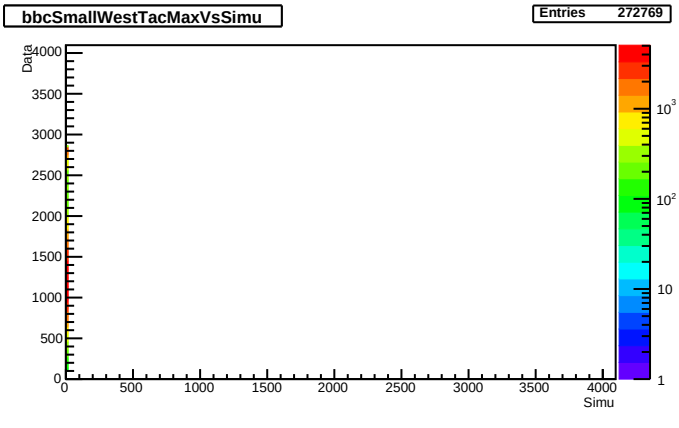

bbcSmallEastTacMax
Entries 322320

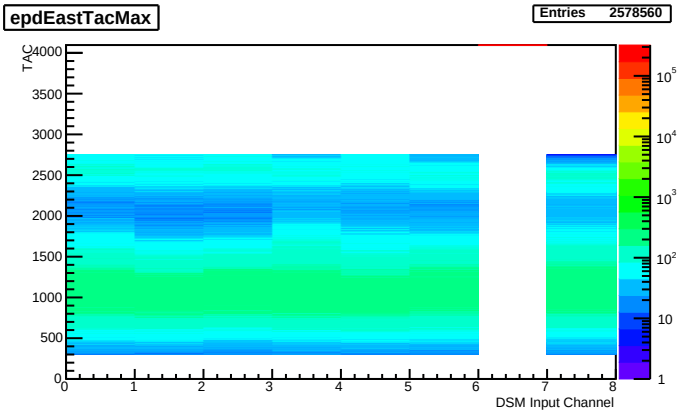

bbcSmallEastTacMaxVsSimu
Entries 252377
Data
Simu

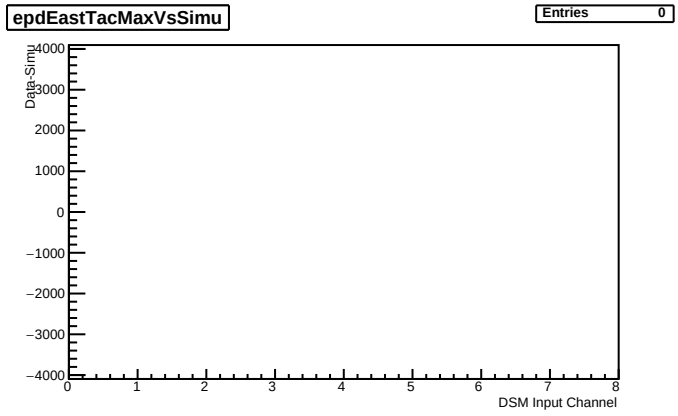

bbcSmallWestAdcSum
Entries 322320

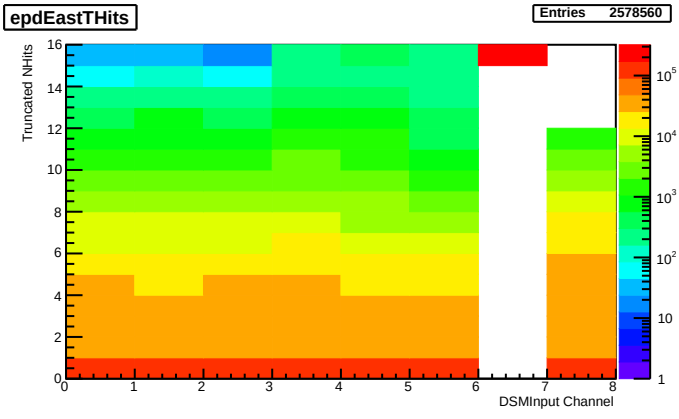

bbcSmallWestAdcSumVsSimu
Entries 272769
Data
Simu

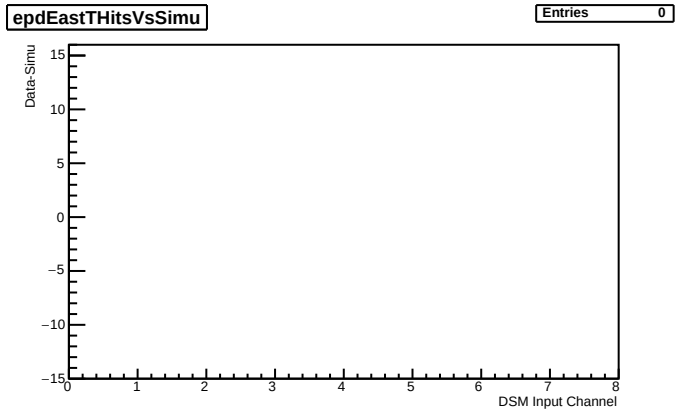

bbcSmallWestTacMax
Entries 322320

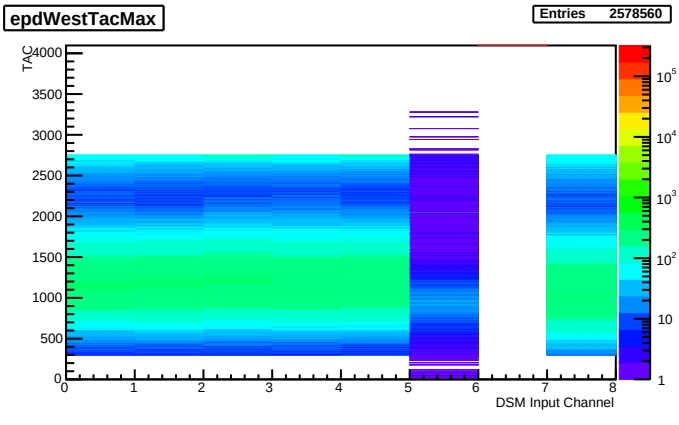

bbcSmallWestTacMaxVsSimu
Entries 272769
Data
Simu

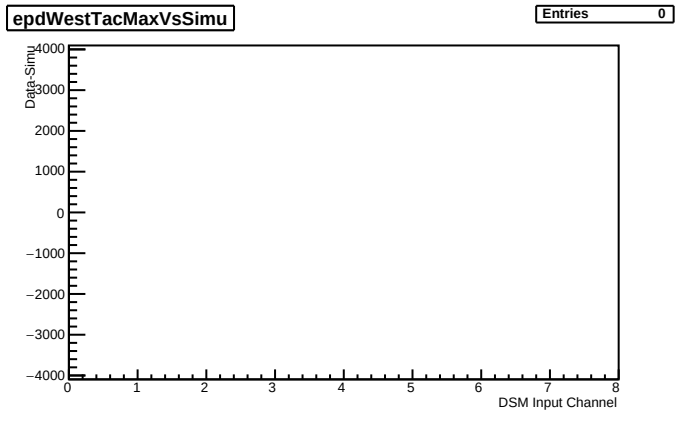

epdEastTacMax
Entries 2578560
TAC
DSM Input Channel

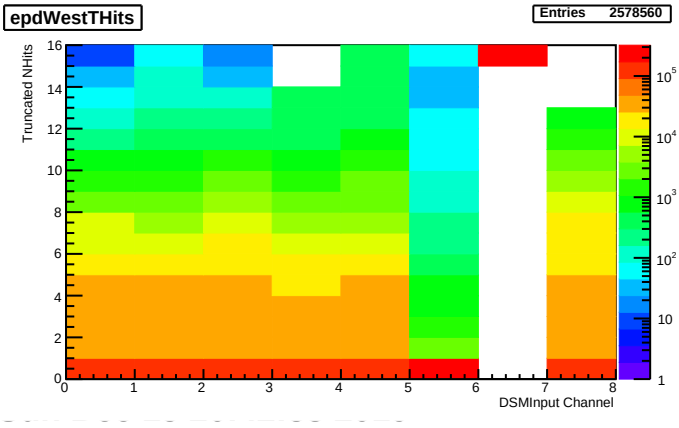

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

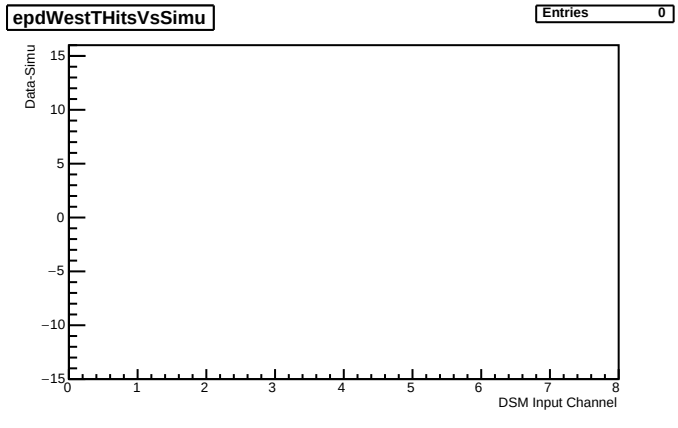

epdEastTHits
Entries 2578560
Truncated NHits
DSMInput Channel

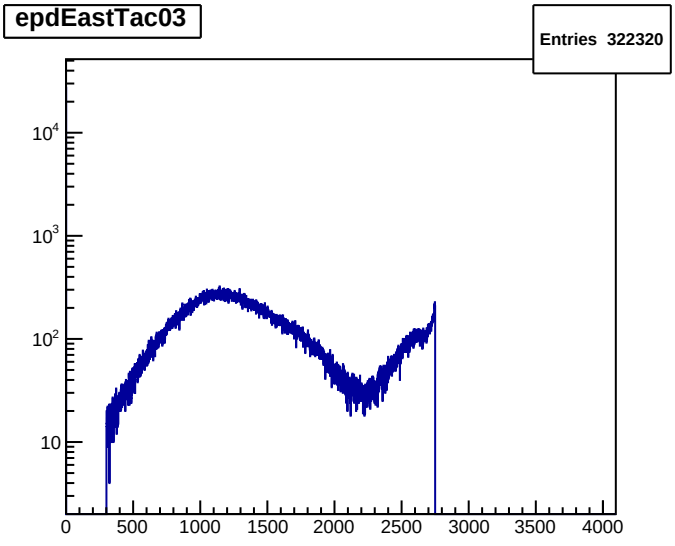

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

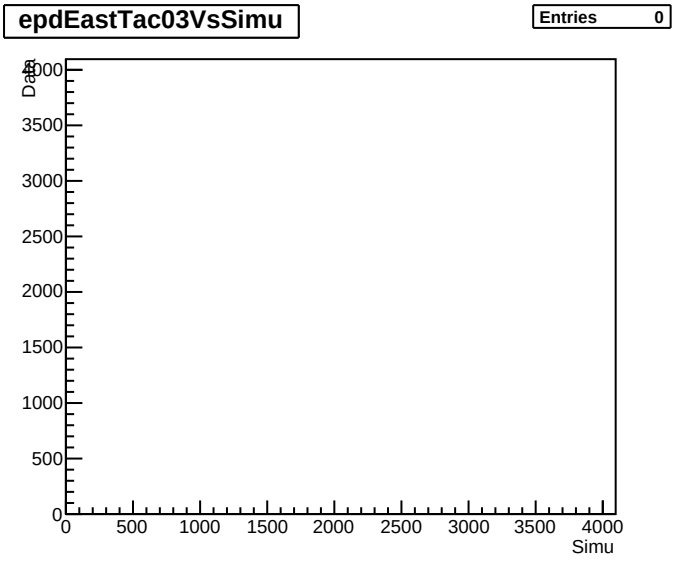

epdWestTacMax
Entries 2578560
TAC
DSM Input Channel

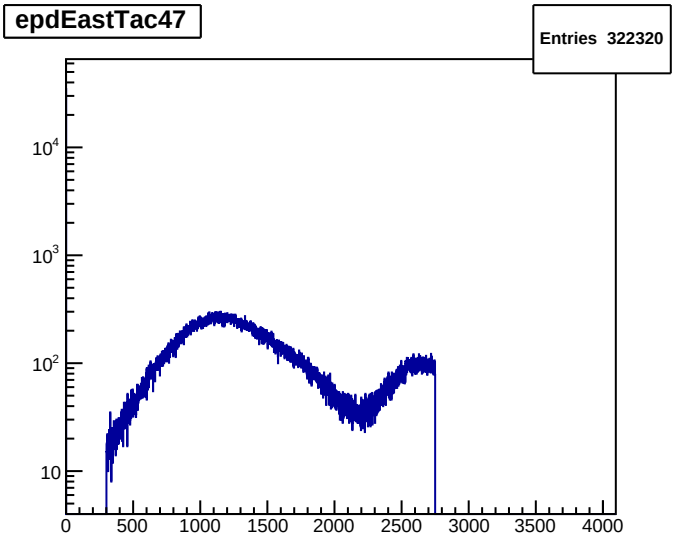

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

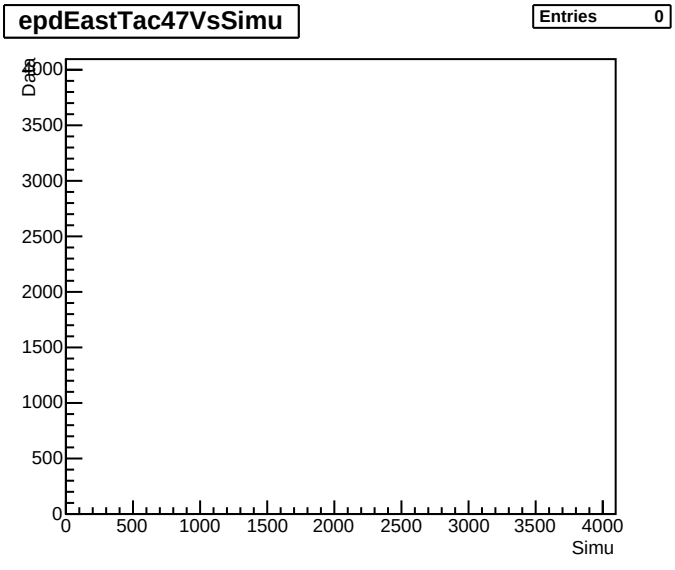

epdWestTHits
Entries 2578560
Truncated NHits
DSMInput Channel

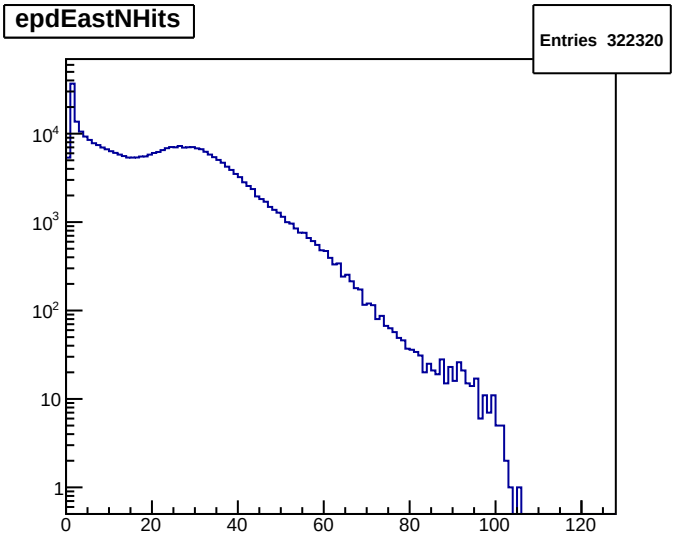

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

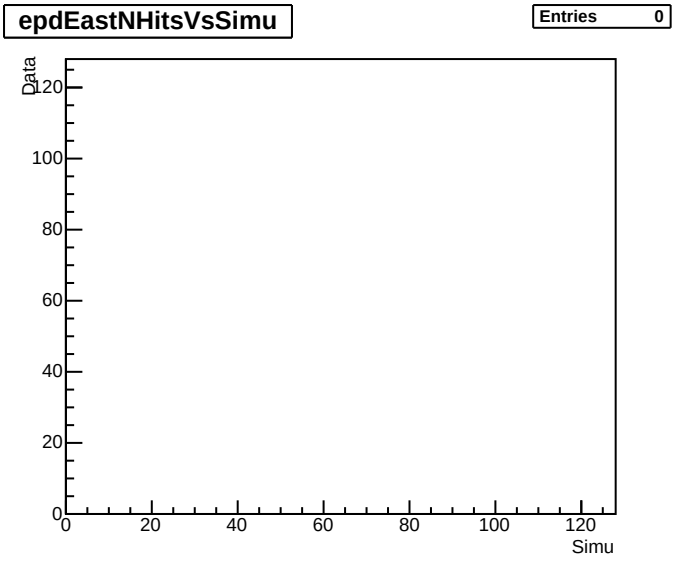

epdEastTac03
Entries 322320

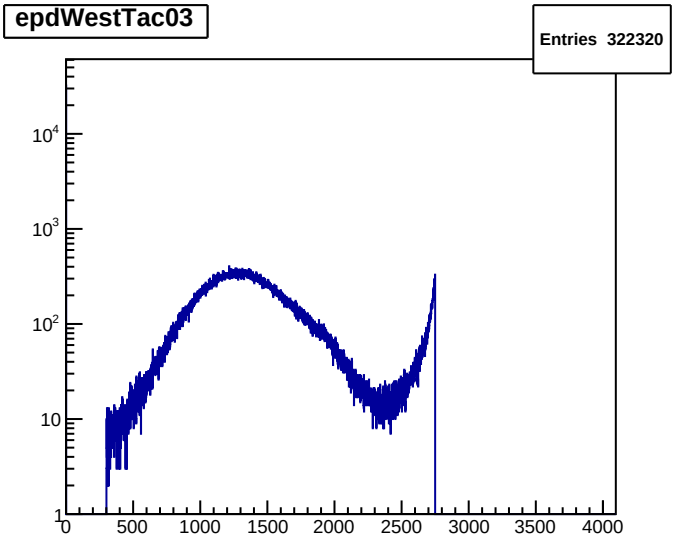

epdEastTac03VsSimu
Entries 0
Data
Simu

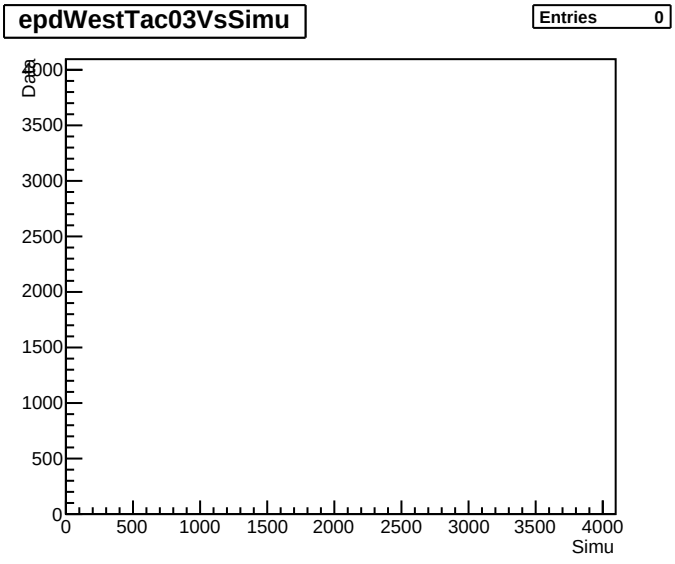

epdEastTac47
Entries 322320

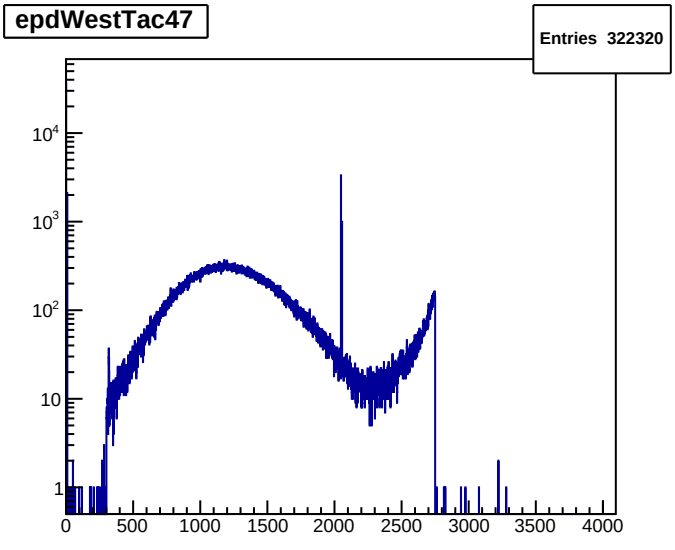

epdEastTac47VsSimu
Entries 0
Data
Simu

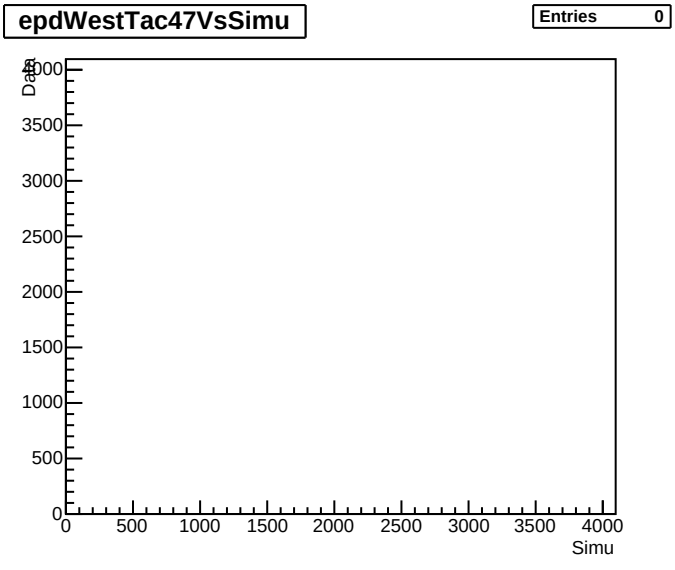

epdEastNHits
Entries 322320

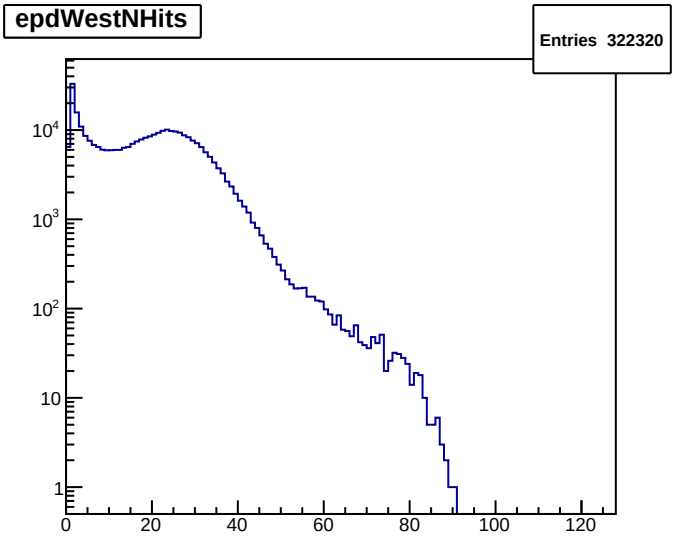

epdEastNHitsVsSimu
Entries 0
Data
Simu

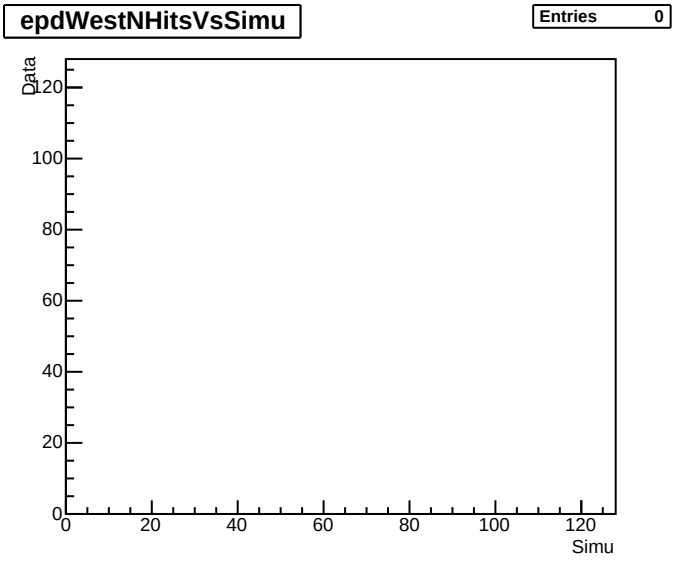

epdWestTac03
Entries 322320

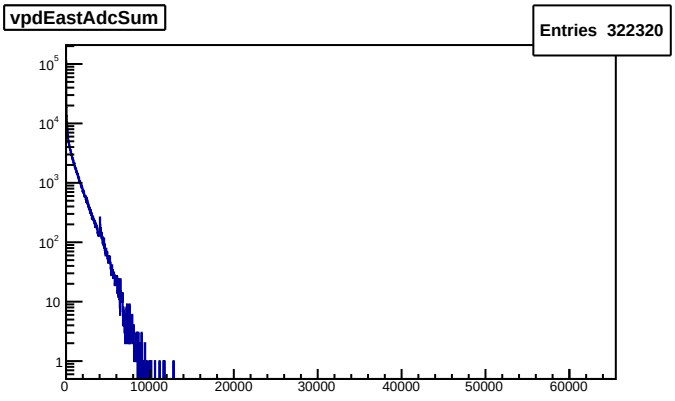

epdWestTac03VsSimu
Entries 0
Data
Simu

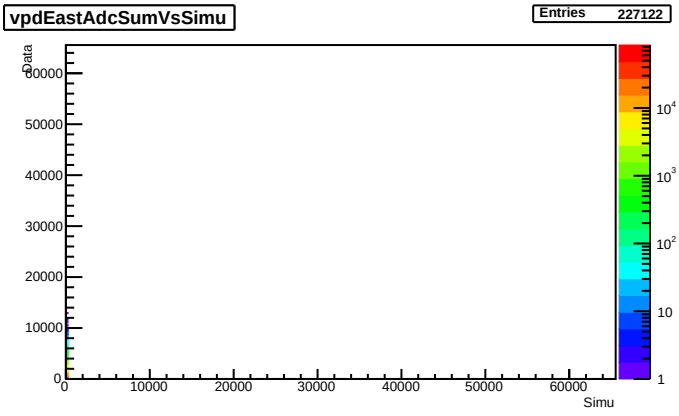

epdWestTac47
Entries 322320

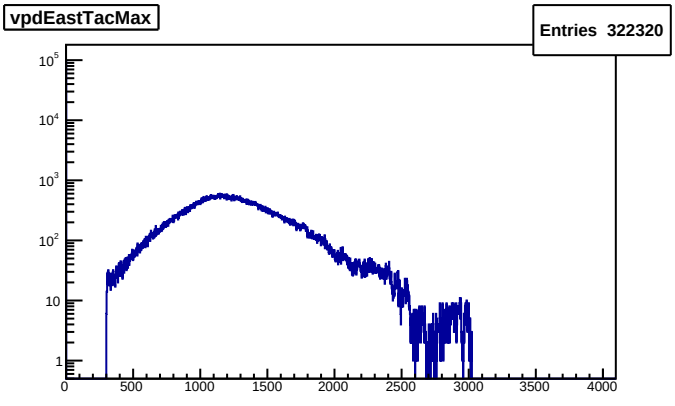

epdWestTac47VsSimu
Entries 0
Data
Simu

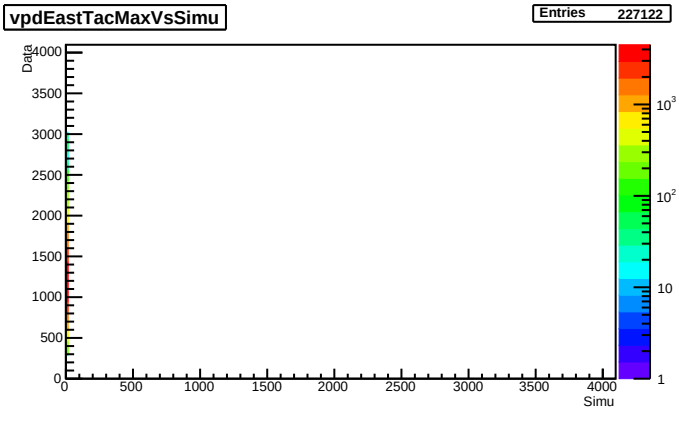

epdWestNHits
Entries 322320

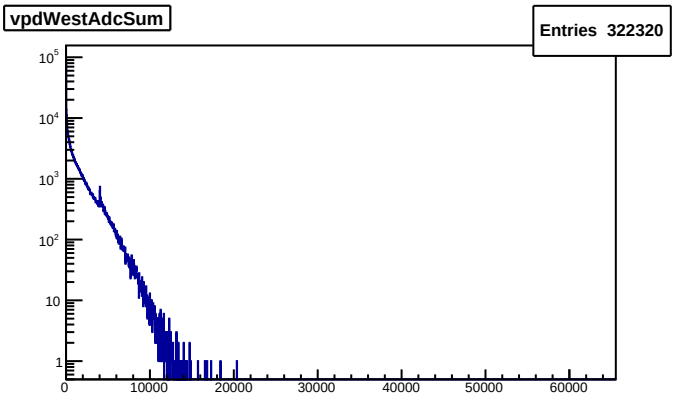

epdWestNHitsVsSimu
Entries 0
Data
Simu

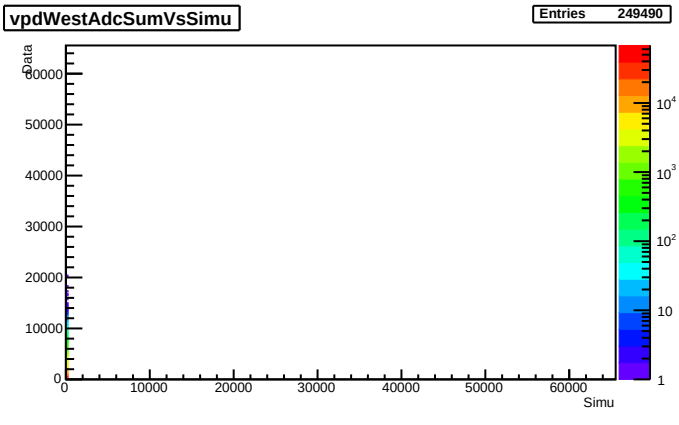

vpdEastAdcSum
Entries 322320

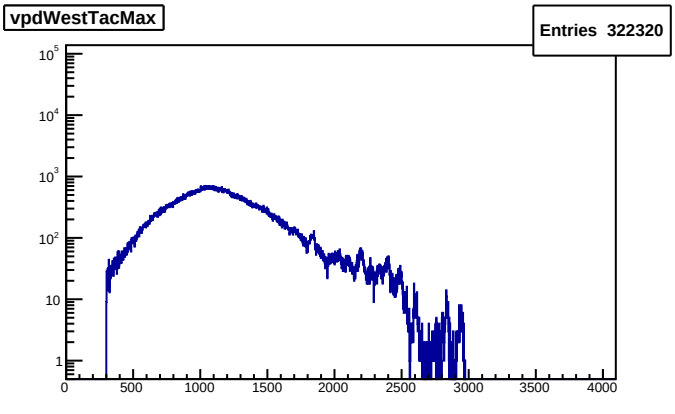

vpdEastAdcSumVsSimu
Entries 227122
Data
Simu

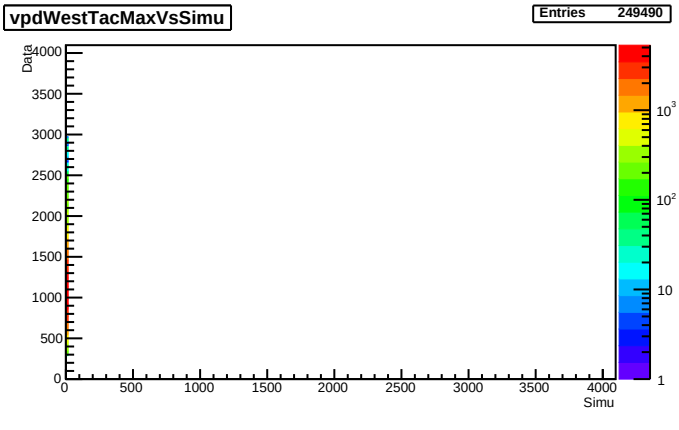

vpdEastTacMax
Entries 322320

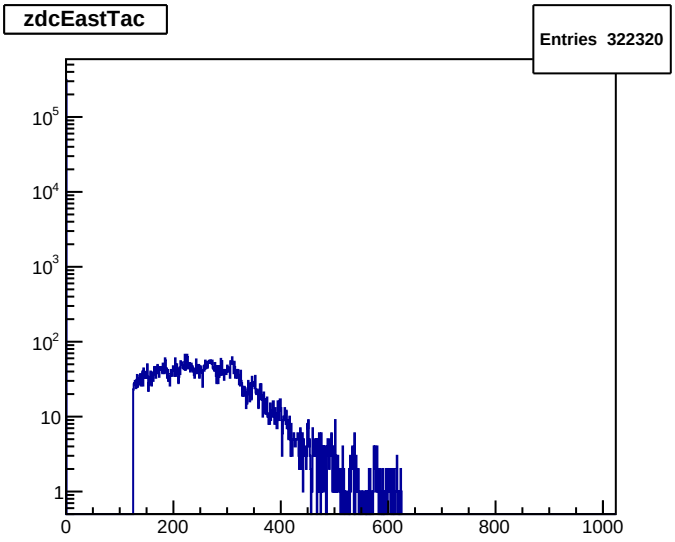

vpdEastTacMaxVsSimu
Entries 227122
Data
Simu

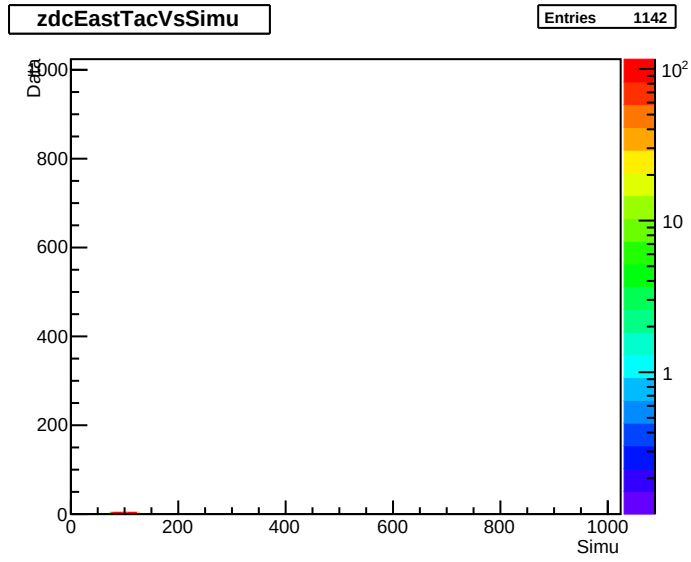

vpdWestAdcSum
Entries 322320

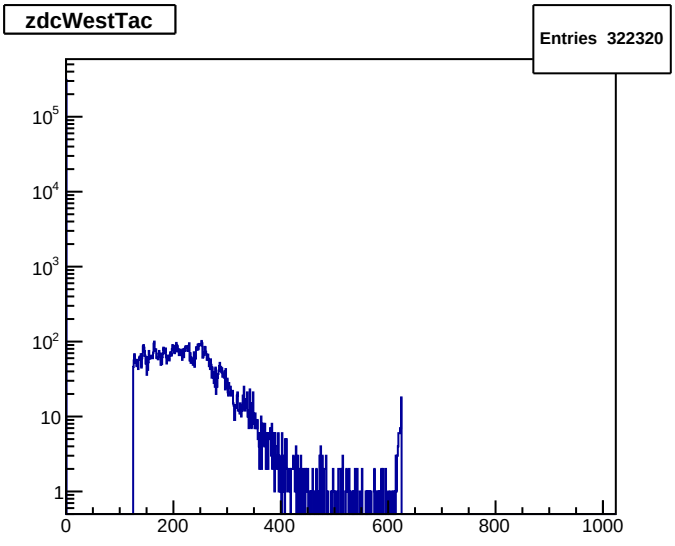

vpdWestAdcSumVsSimu
Entries 249490
Data
Simu

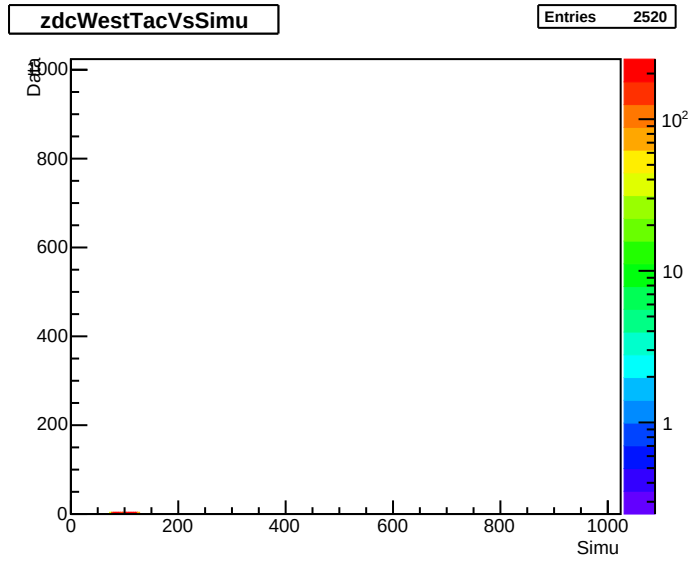

vpdWestTacMax
Entries 322320

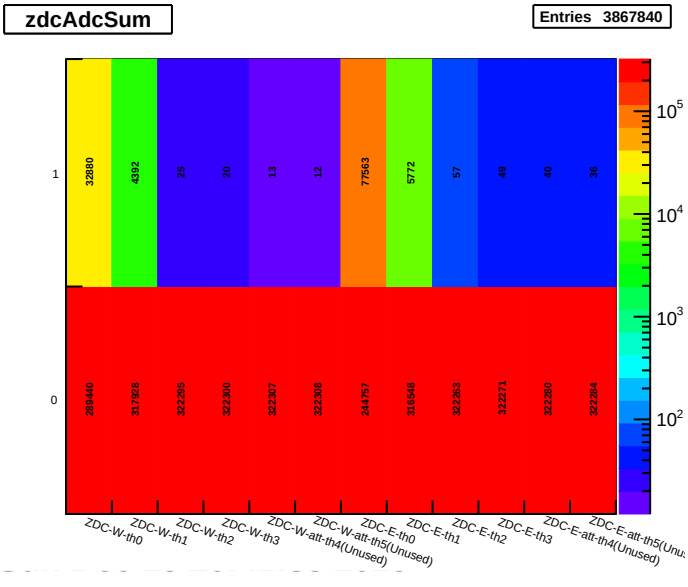

vpdWestTacMaxVsSimu
Entries 249490
Data
Simu

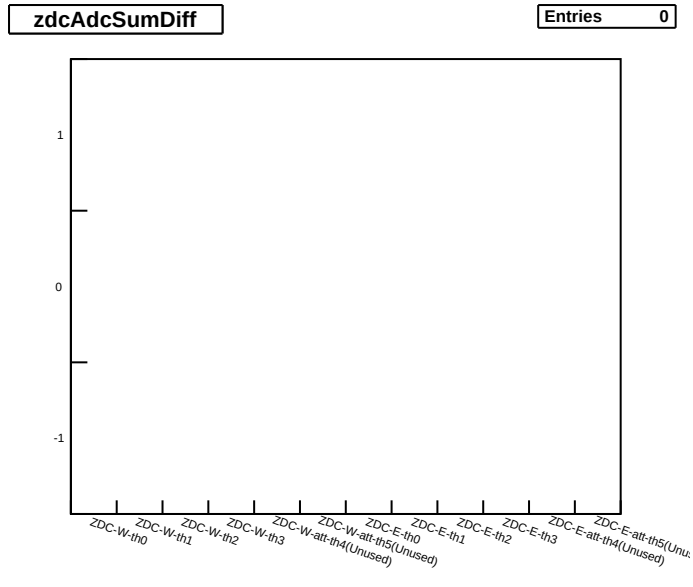

zdcEastTac
Entries 322320

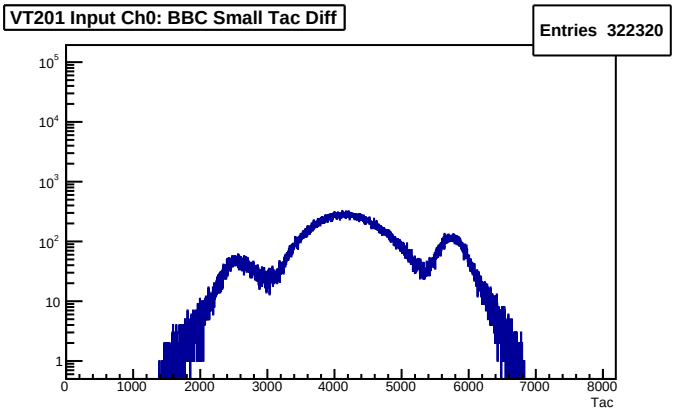

zdcEastTacVsSimu
Entries 1142
Data
Simu

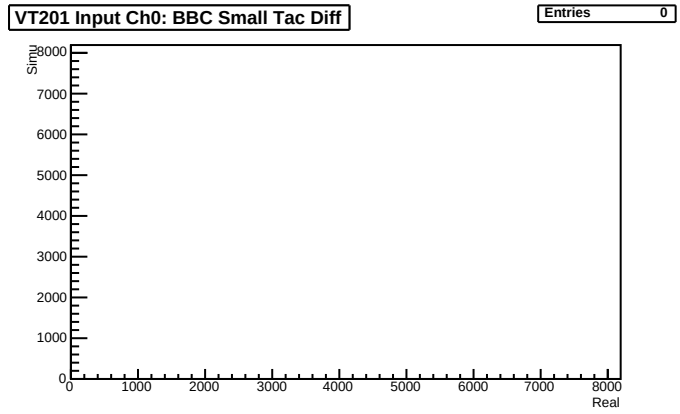

zdcWestTac
Entries 322320

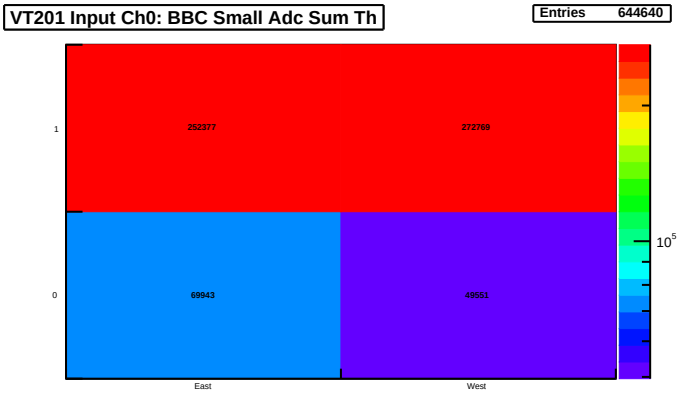

zdcWestTacVsSimu
Entries 2520
Data
Simu

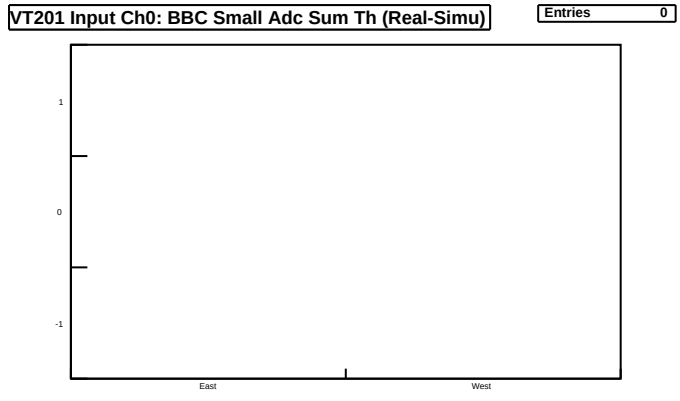

zdcAdcSum
Entries 3867840
32880
4392
25
20
13
12
77563
5772
57
49
40
36
289440
317928
322295
322300
322307
322308
244757
316546
322263
322271
322280
322284
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

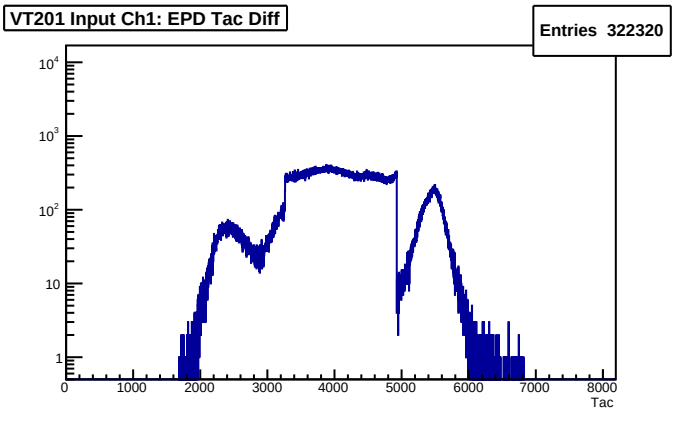

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

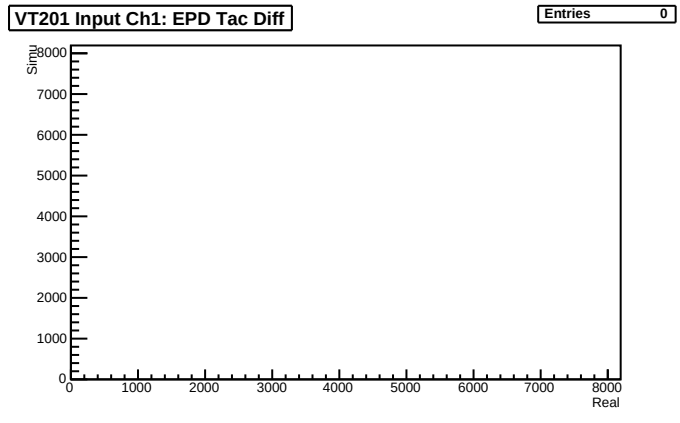

VT201 Input Ch0: BBC Small Tac Diff
Entries 322320
Tac

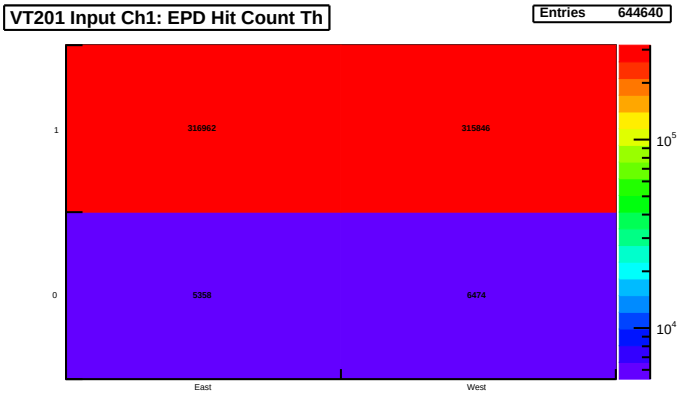

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

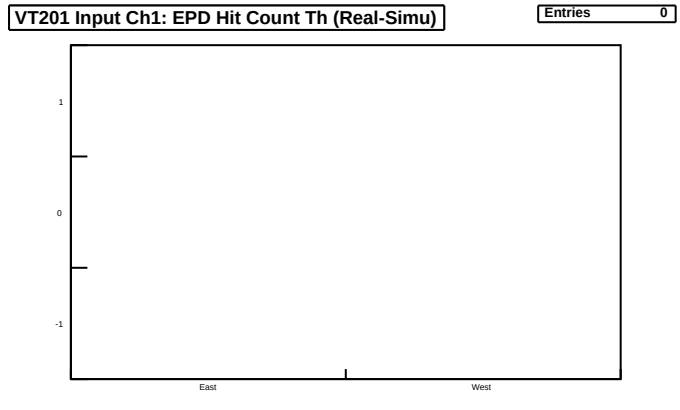

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 644640
252377
272769
69943
49551
East
West

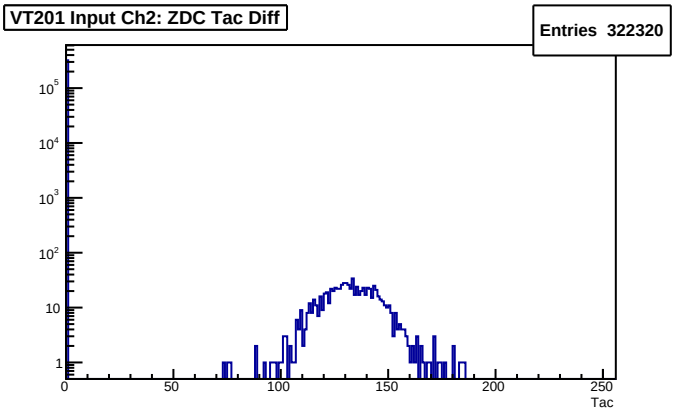

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

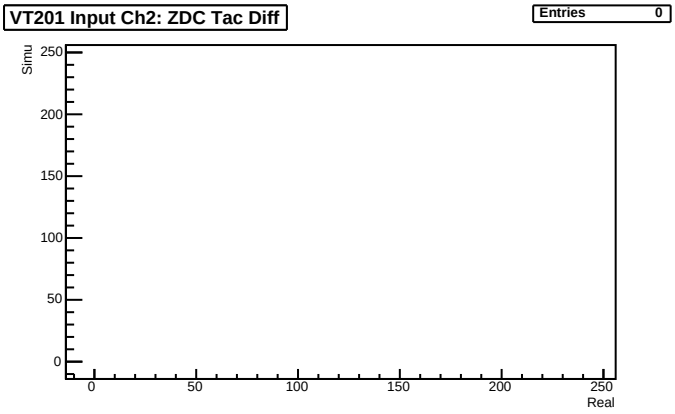

VT201 Input Ch1: EPD Tac Diff
Entries 322320
Tac

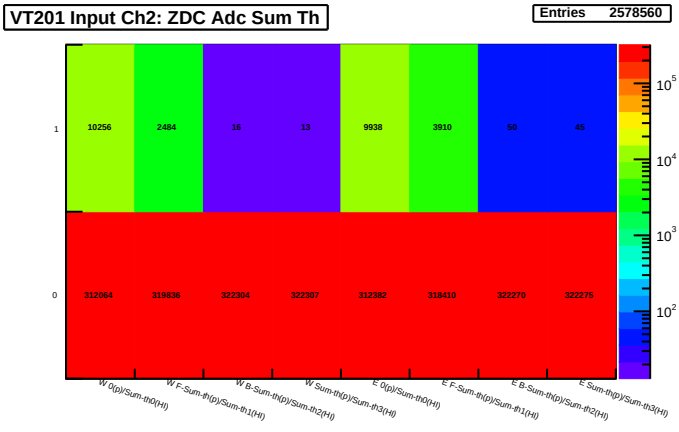

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

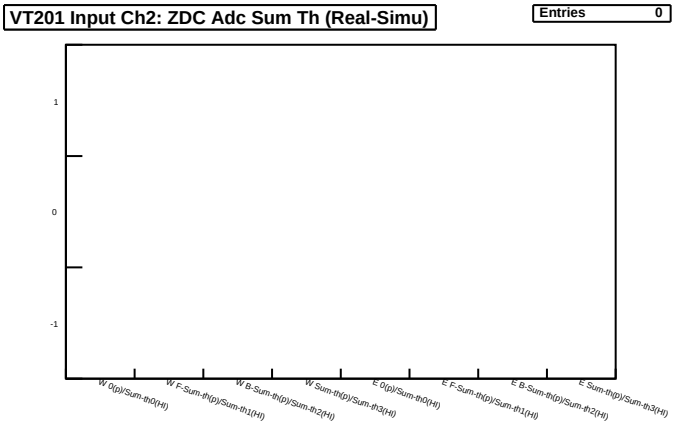

VT201 Input Ch1: EPD Hit Count Th
Entries 644640
316962
315846
5358
6474
East
West

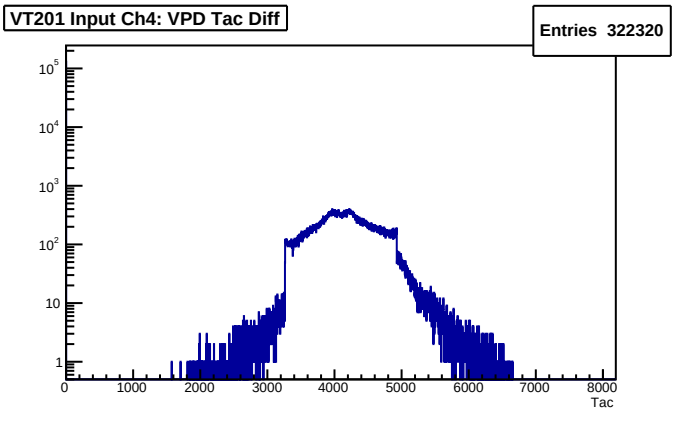

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

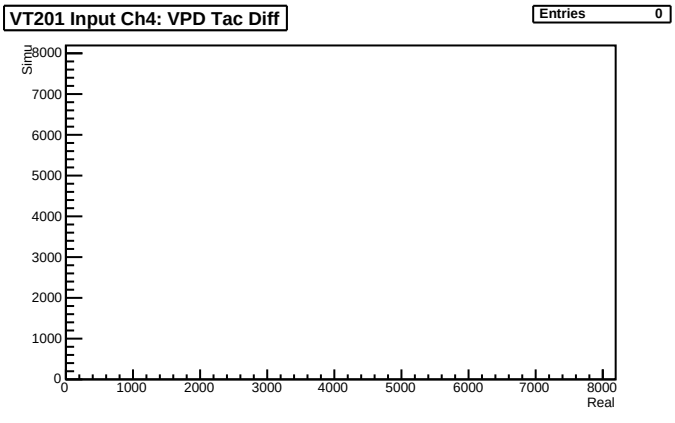

VT201 Input Ch2: ZDC Tac Diff
Entries 322320
Tac

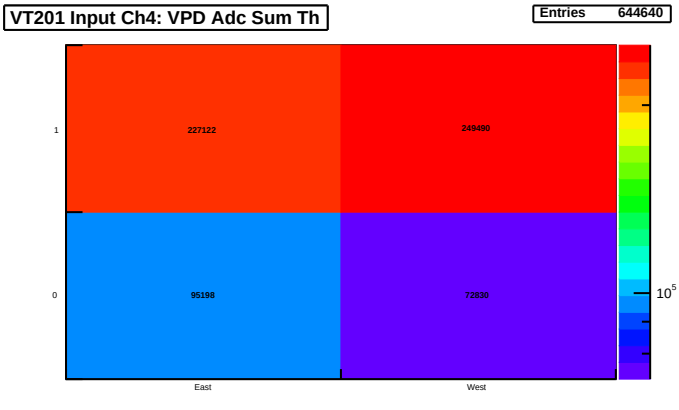

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

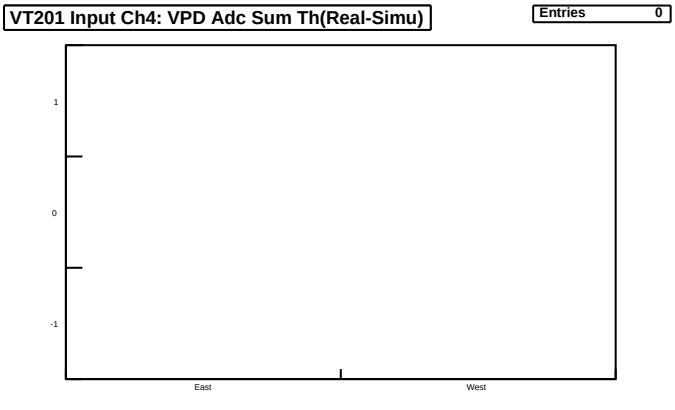

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2578560
10256
2484
16
13
9938
3910
50
45
312064
319836
322304
322307
312382
318410
322270
322275
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

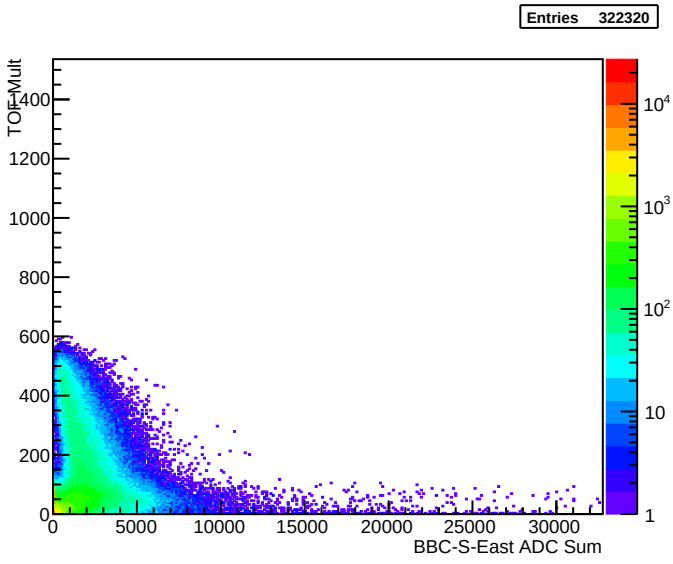

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

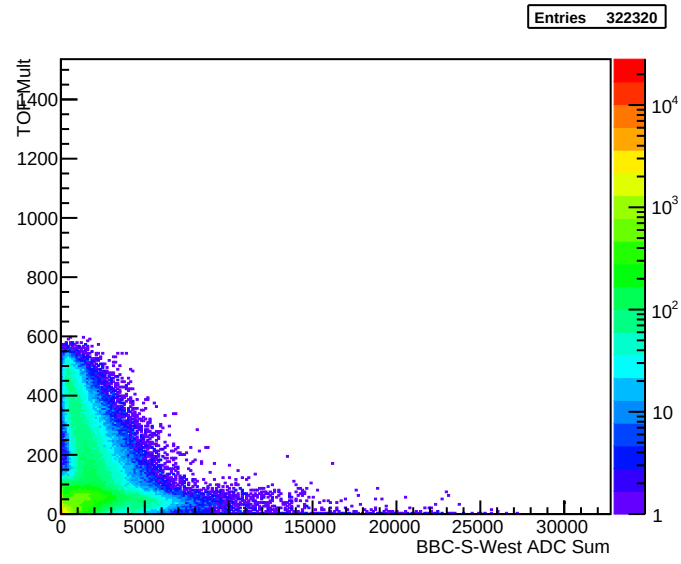

VT201 Input Ch4: VPD Tac Diff
Entries 322320
Tac

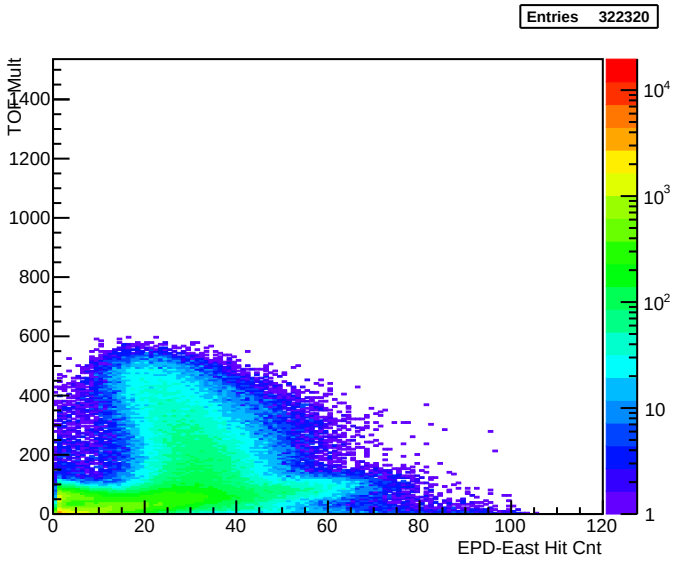

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

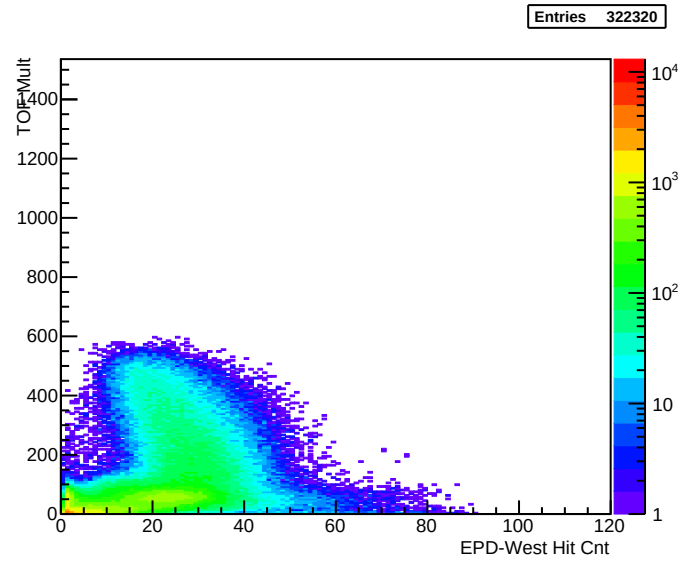

VT201 Input Ch4: VPD Adc Sum Th
Entries 644640
227122
249490
95198
72830
East
West

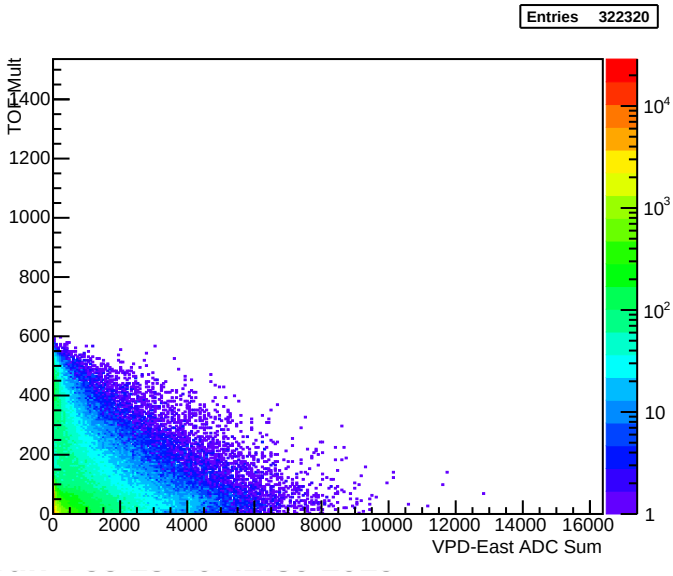

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

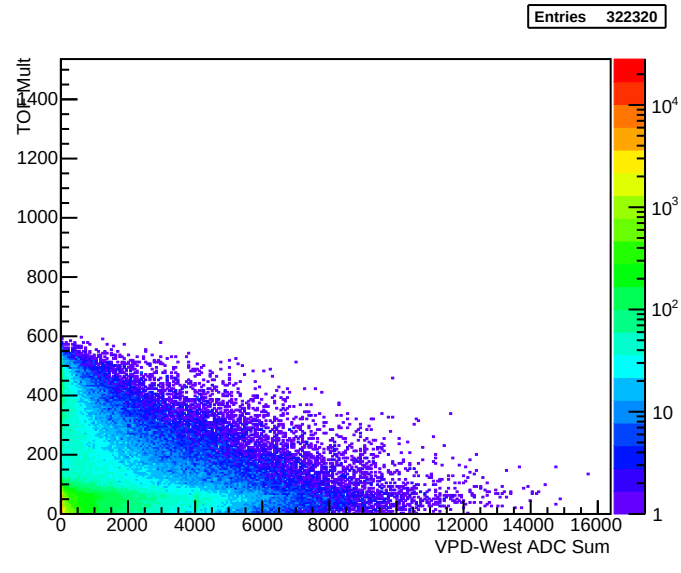

Entries 322320
TOF-Mult
BBC-S-East ADC Sum

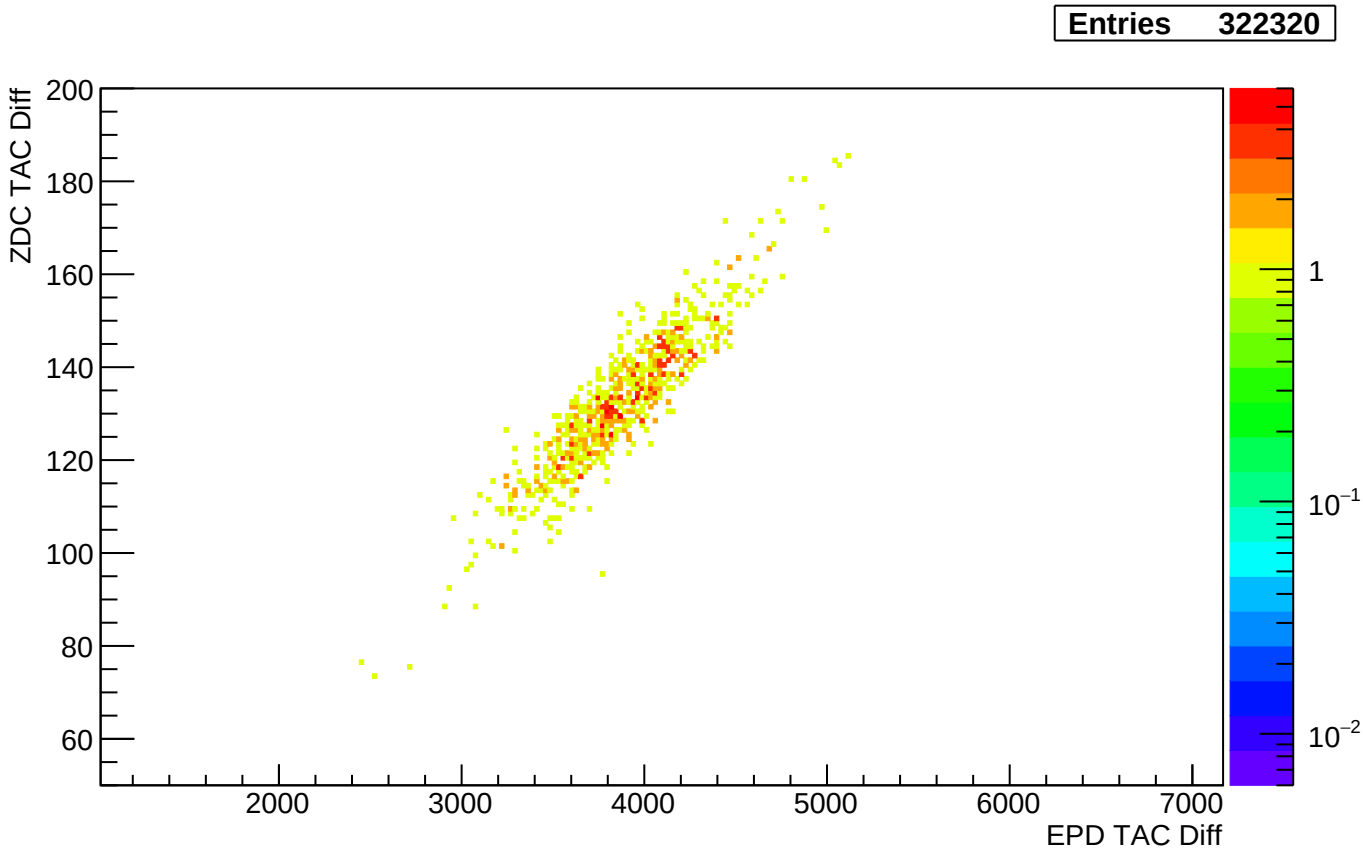

Entries 322320
TOF-Mult
BBC-S-West ADC Sum

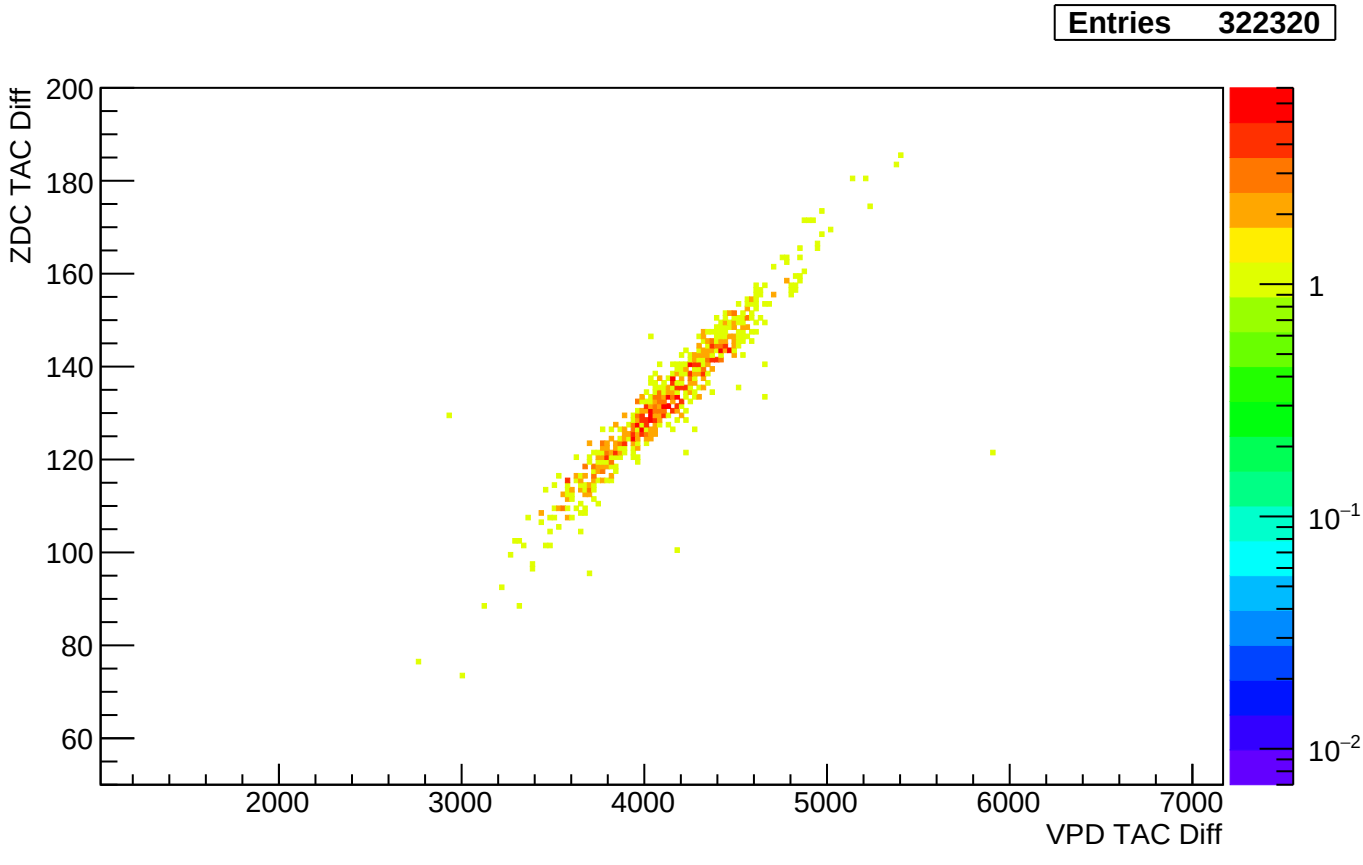

Entries 322320
TOF-Mult
EPD-East Hit Cnt

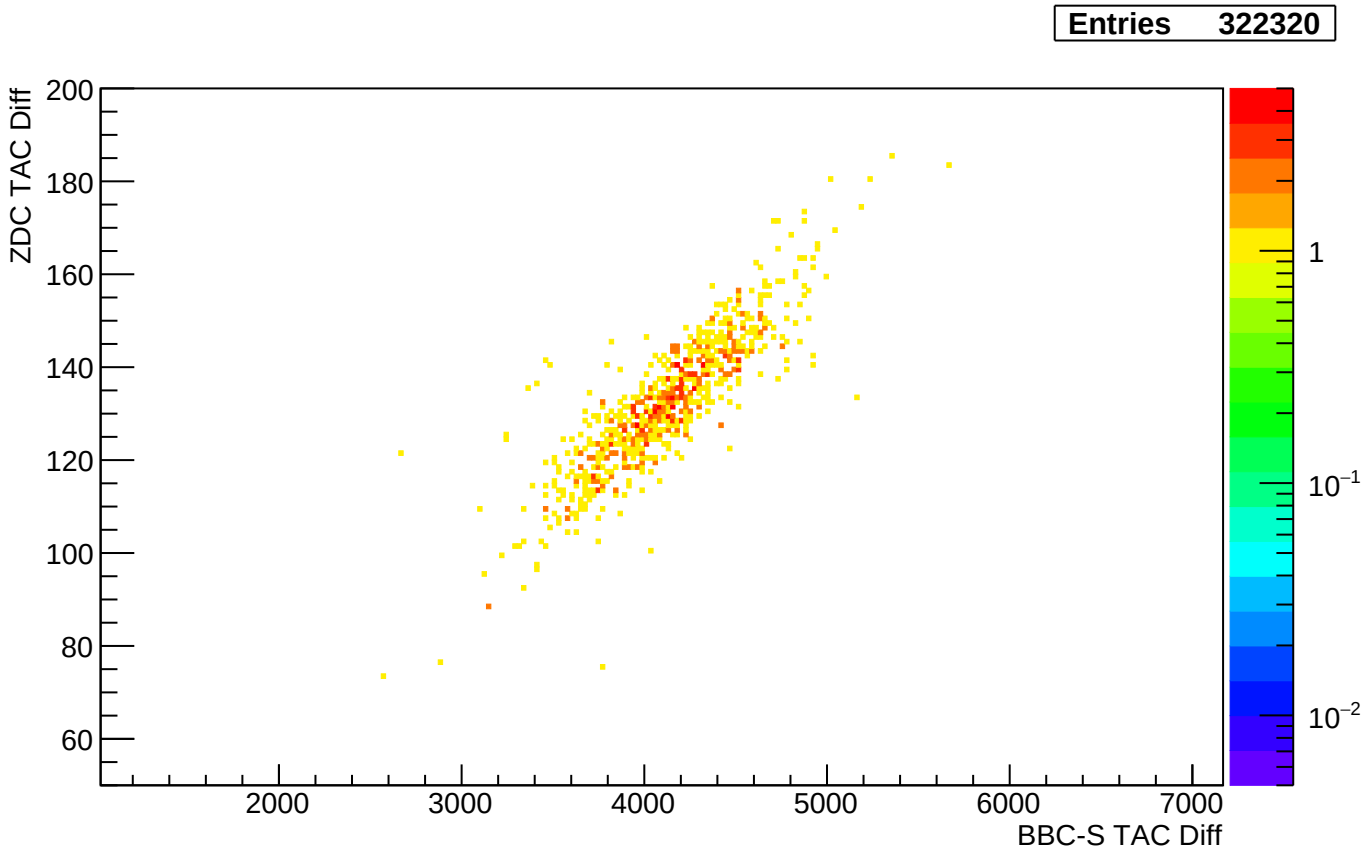

Entries 322320
TOF-Mult
EPD-West Hit Cnt

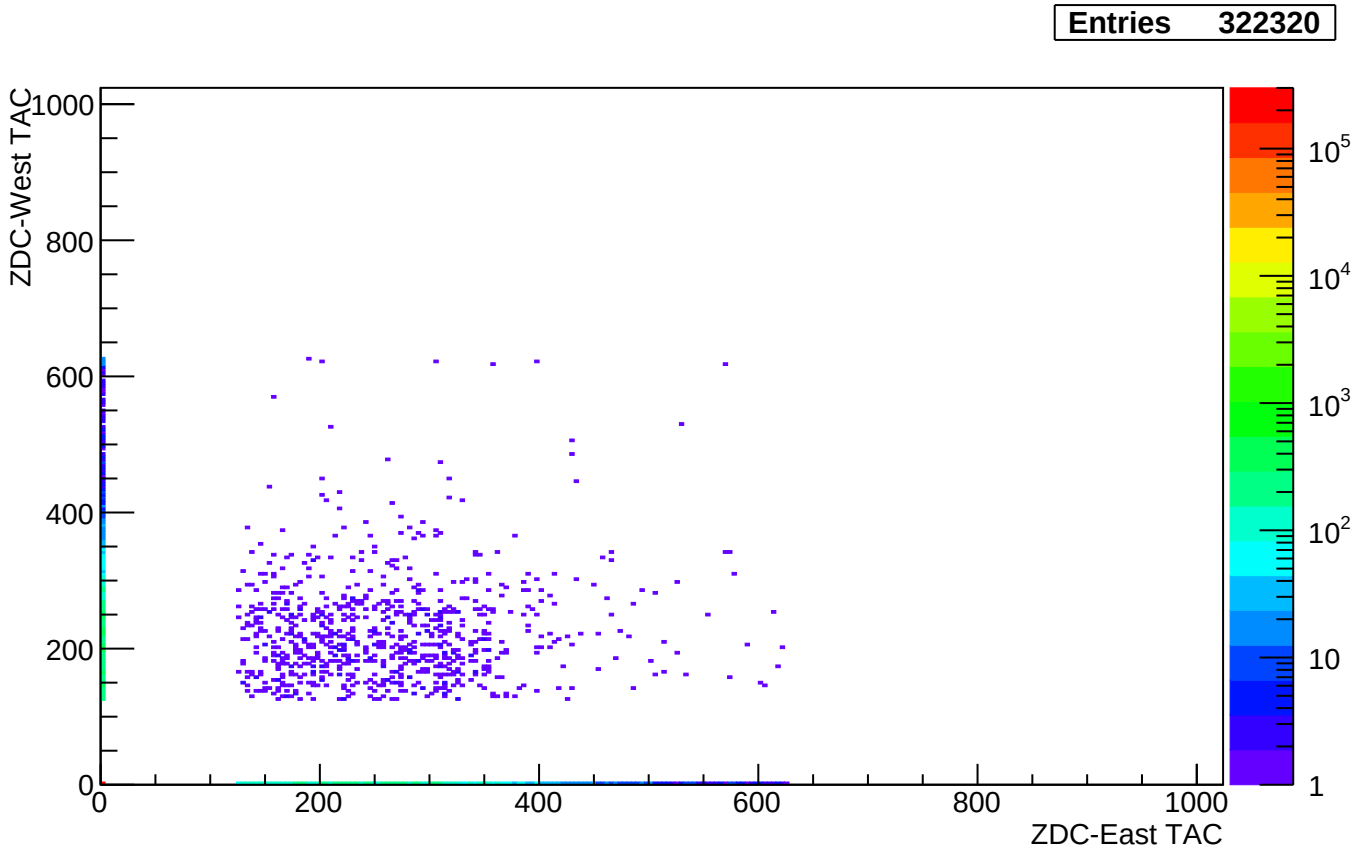

Entries 322320
TOF-Mult
VPD-East ADC Sum

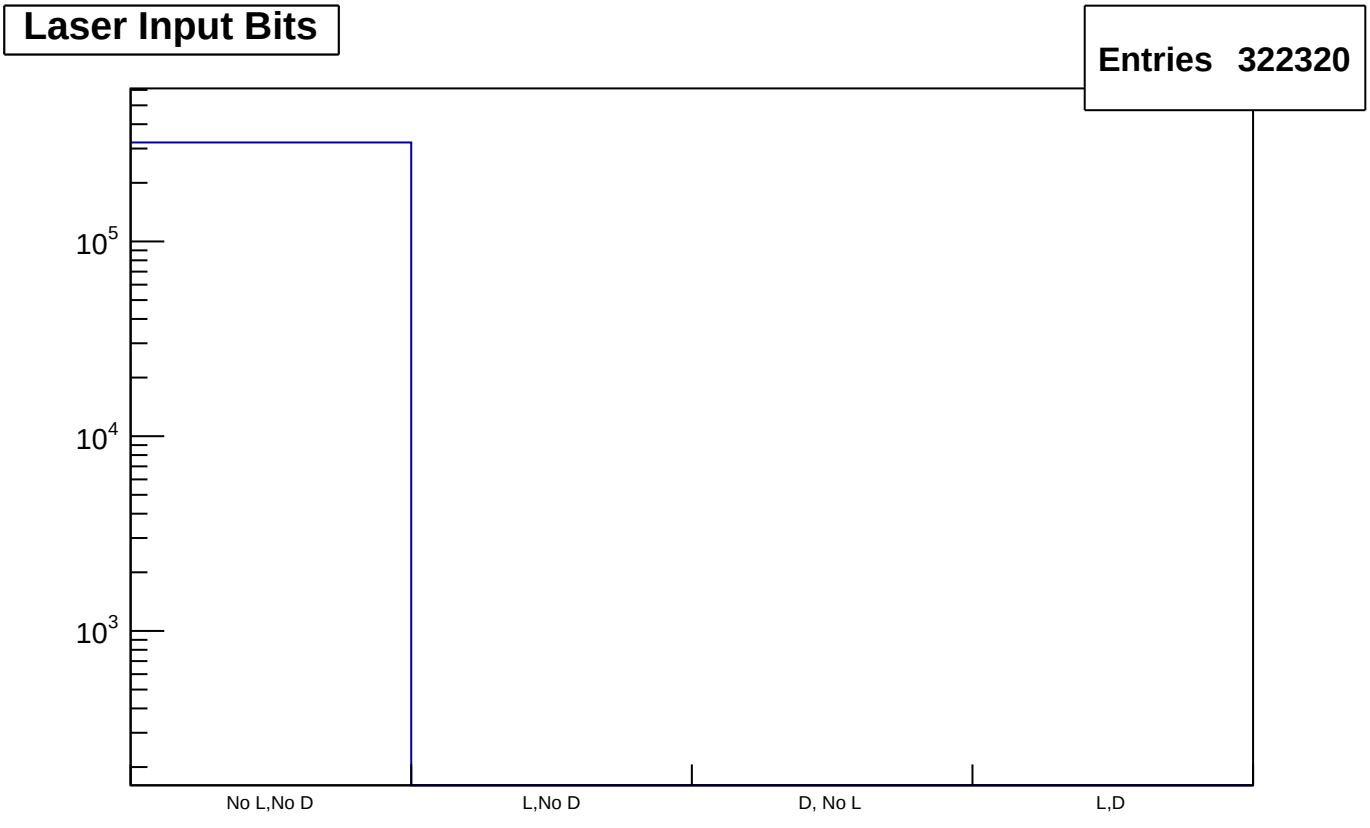

Entries 322320
TOF-Mult
VPD-West ADC Sum

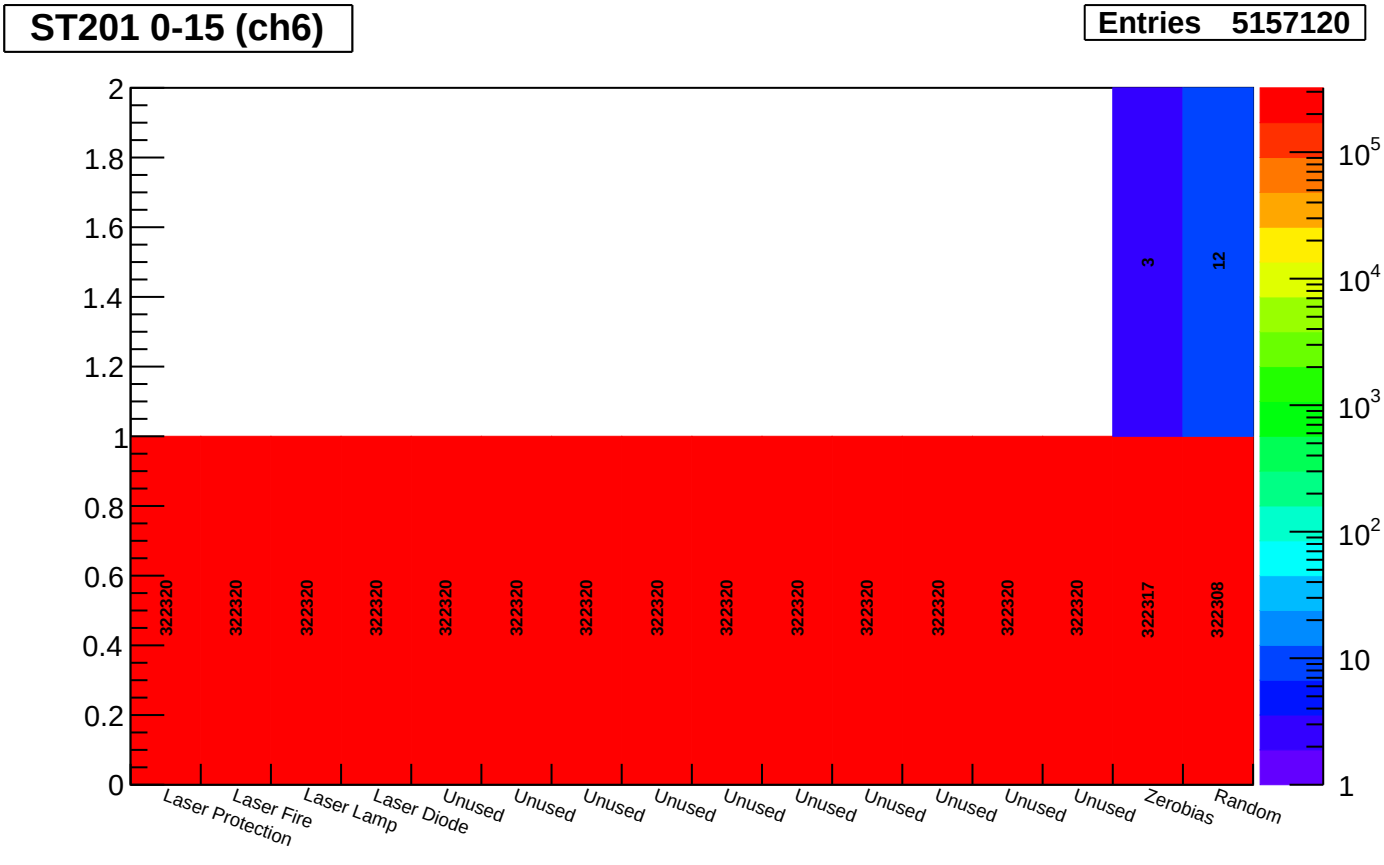

Entries 322320
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

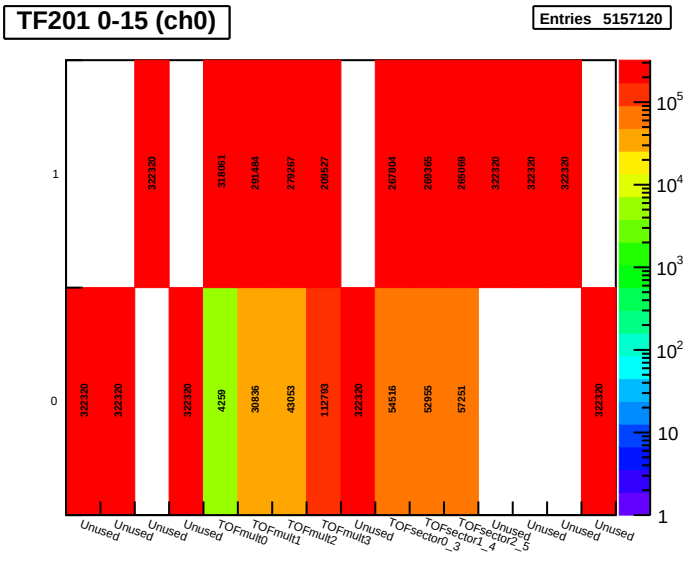

Entries 322320
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

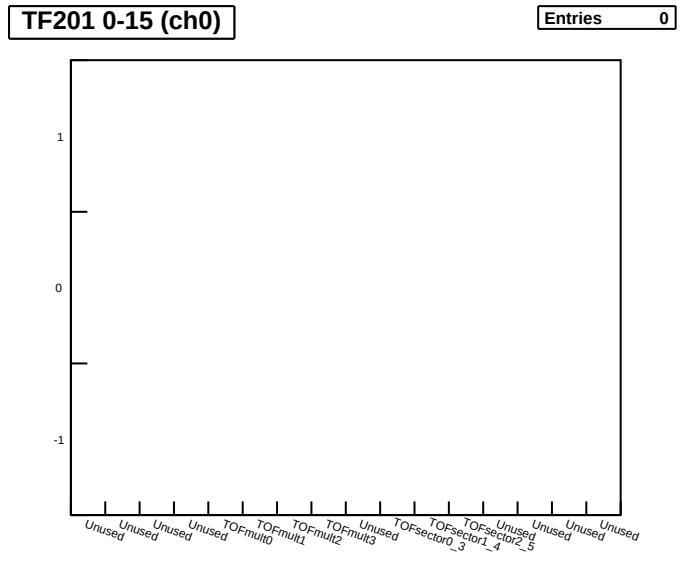

Entries 322320
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

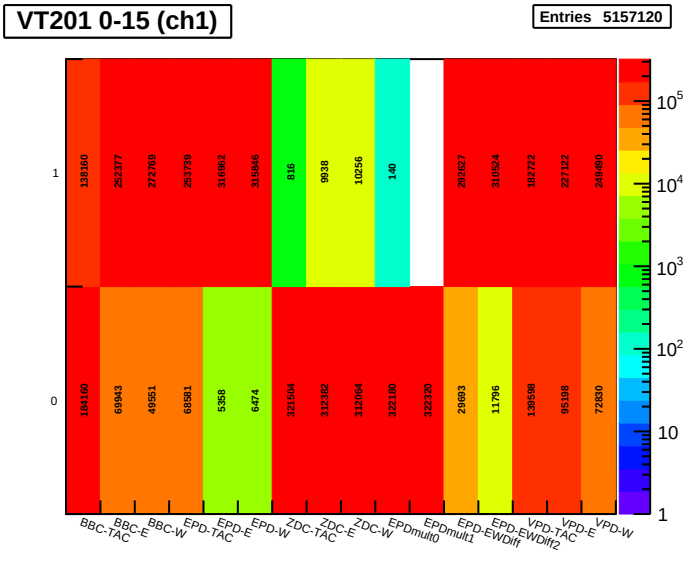

Entries 322320
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

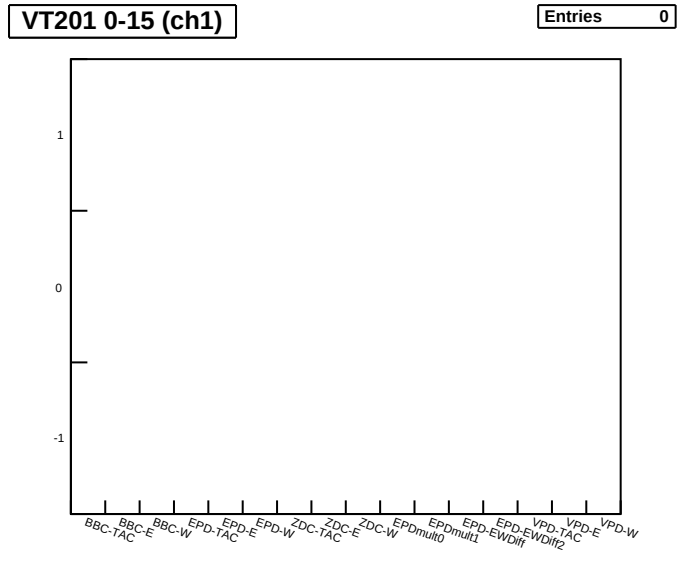

Laser Input Bits
Entries 322320
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

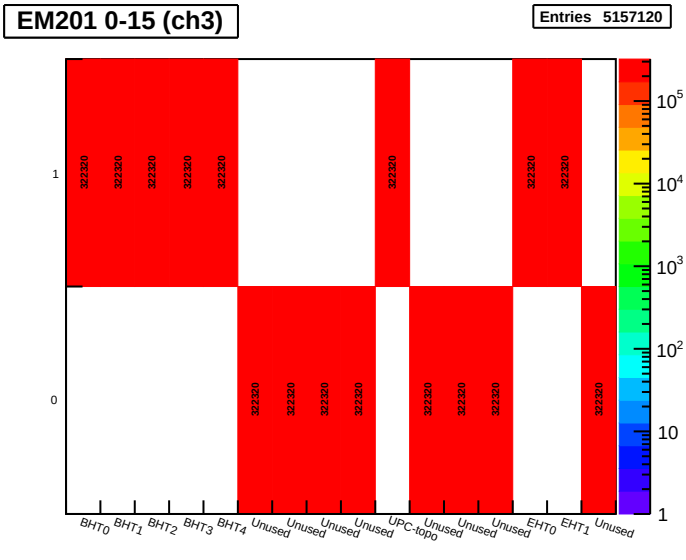

ST201 0-15 (ch6)
Entries 5157120
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322317
322308
3
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

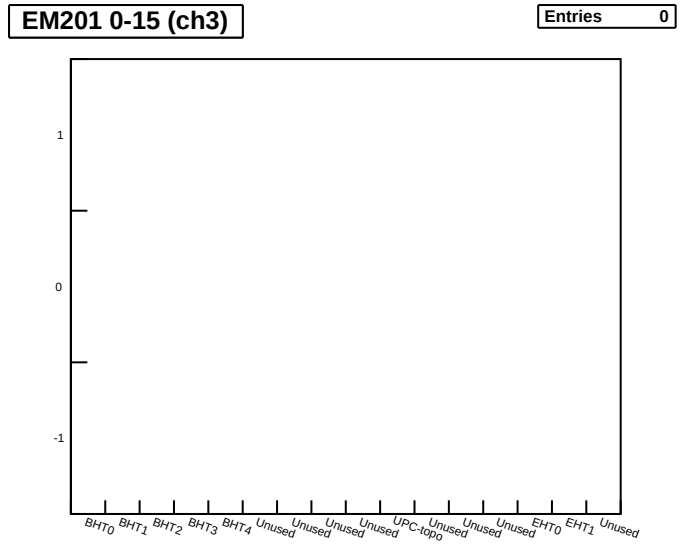

TF201 0-15 (ch0)
Entries 5157120
1
0
322320
316061
291484
279267
269527
267804
269365
265069
322320
322320
322320
322320
322320
4259
30836
43053
112793
322320
54516
52955
57251
322320
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5157120
1
0
138160
252377
272769
253739
316962
315846
816
9938
10256
140
292627
310524
182722
227122
249480
184160
69943
49551
68581
5358
6474
321504
312382
312064
322180
322320
29693
11796
138598
95198
72830
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 5157120
1
0
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
322320
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


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