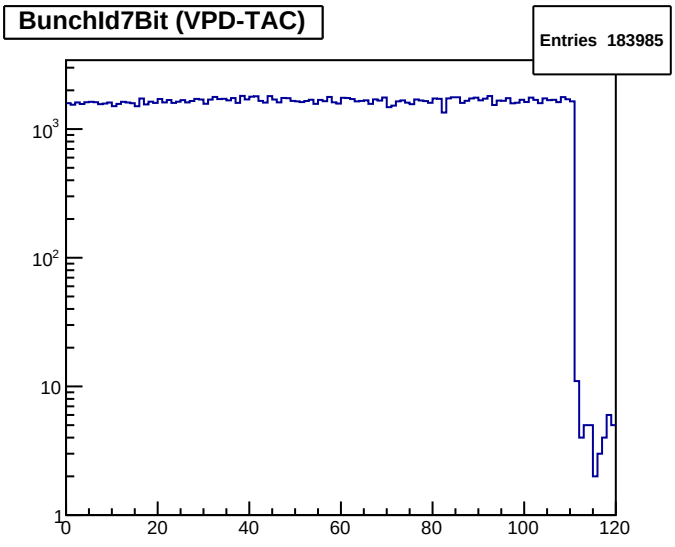
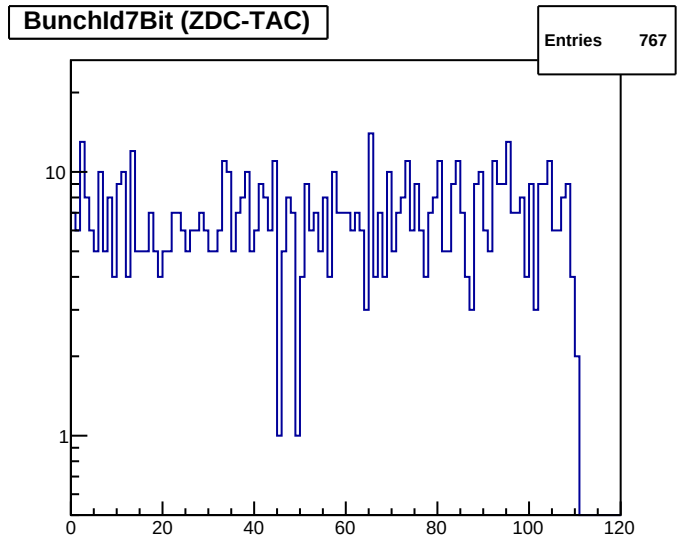
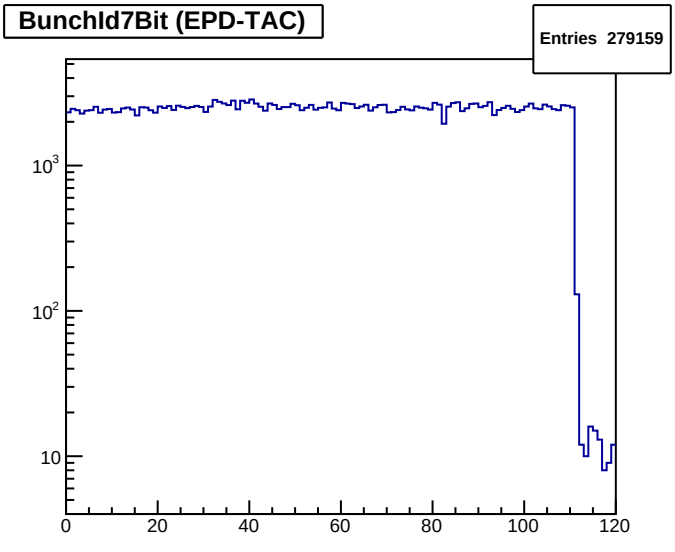
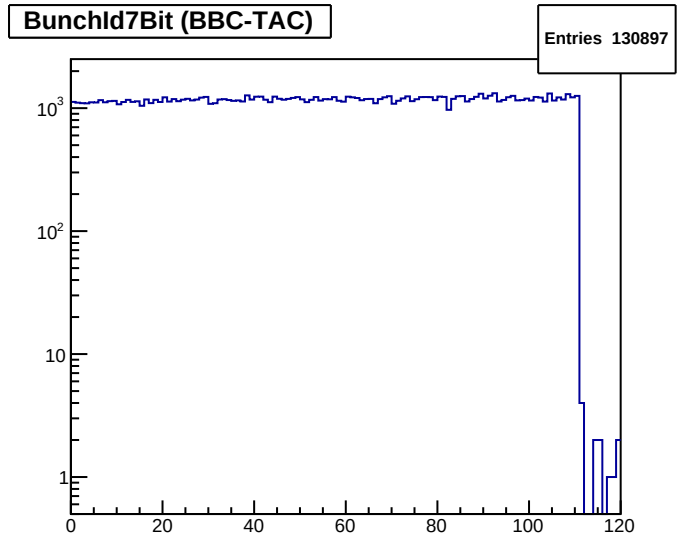
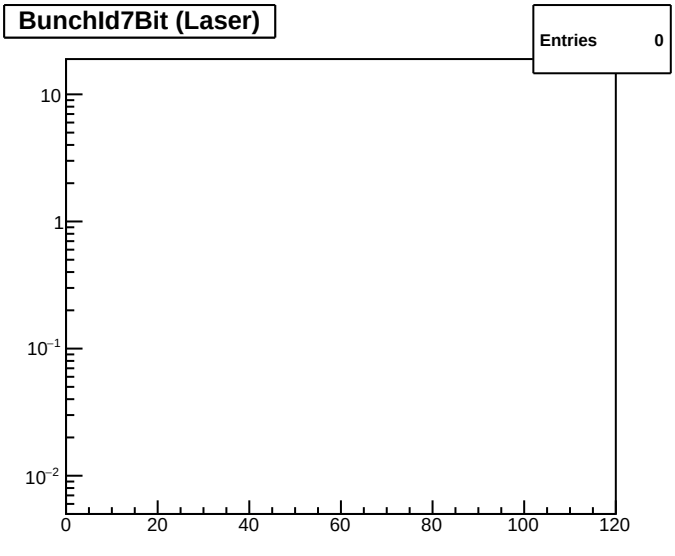
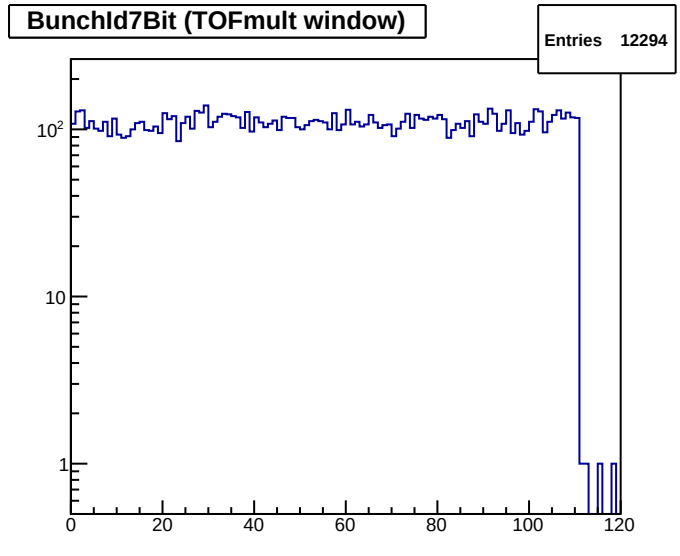

BunchId7Bit (VPD-TAC)
Entries 183985

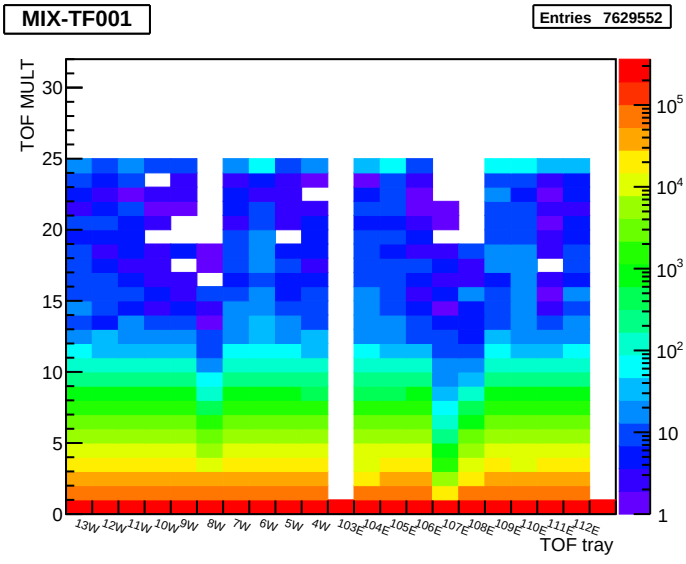

BunchId7Bit (ZDC-TAC)
Entries 767

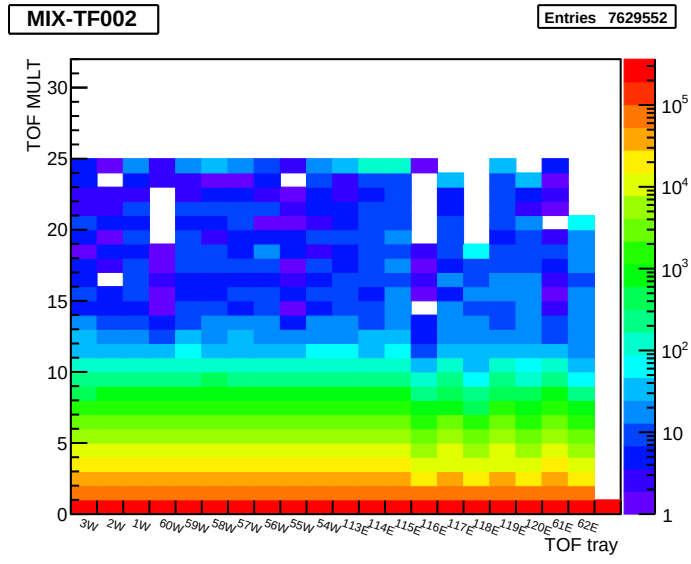

BunchId7Bit (EPD-TAC)
Entries 279159

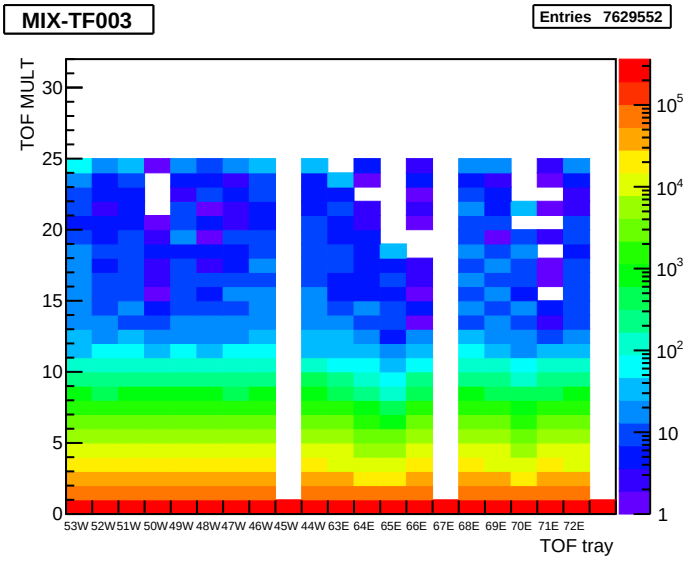

BunchId7Bit (BBC-TAC)
Entries 130897

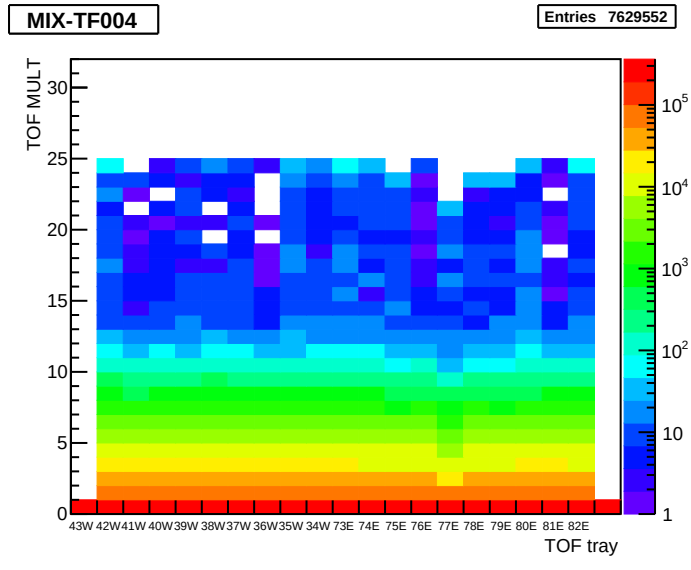

BunchId7Bit (Laser)
Entries 0

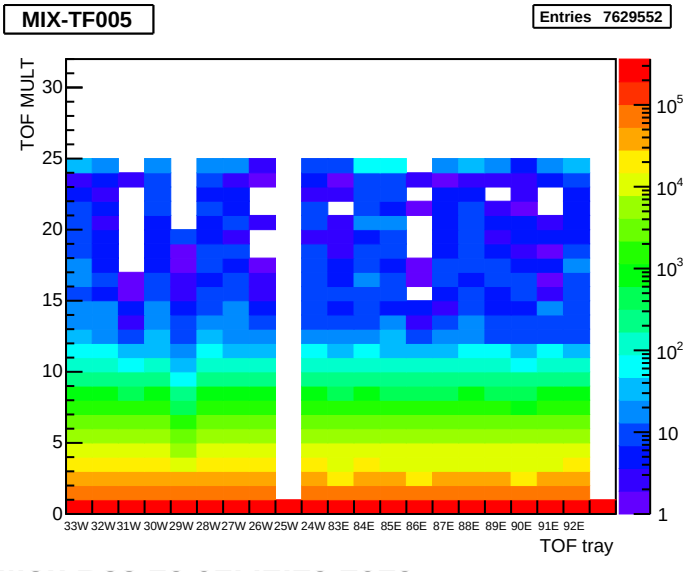

BunchId7Bit (TOFmult window)
Entries 12294

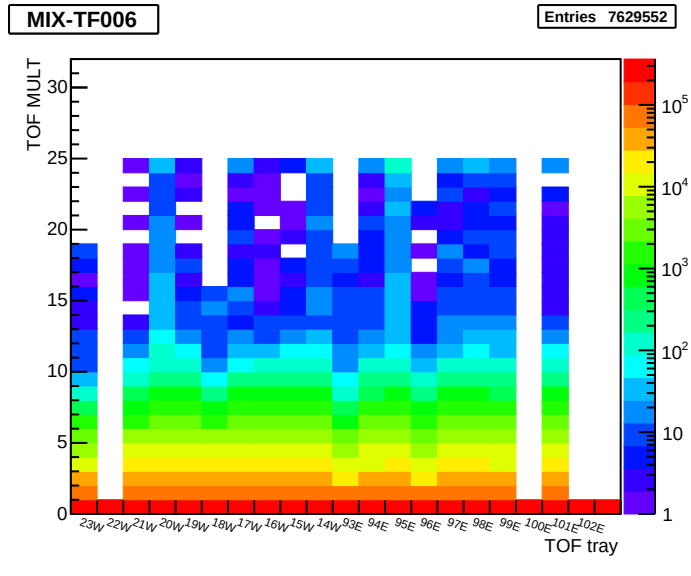

MIX-TF001
Entries 7629552
TOF MULT
TOF tray

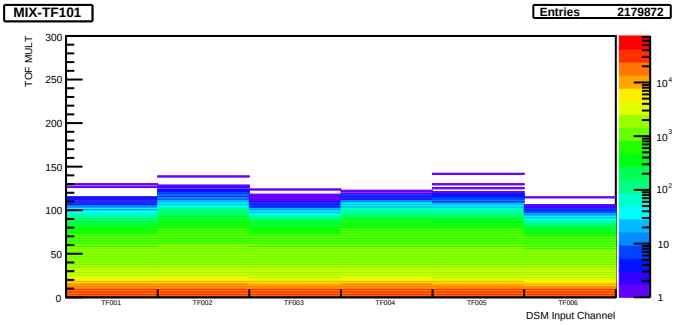

MIX-TF002
Entries 7629552
TOF MULT
TOF tray

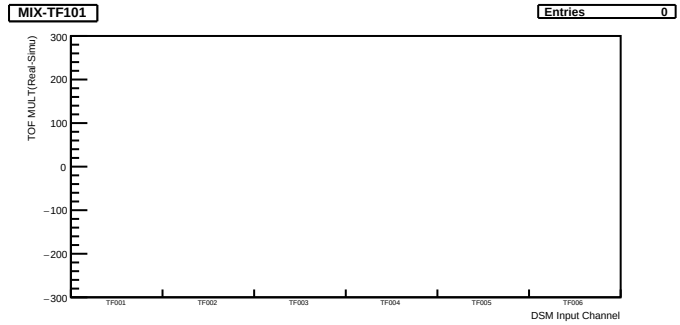

MIX-TF003
Entries 7629552
TOF MULT
TOF tray

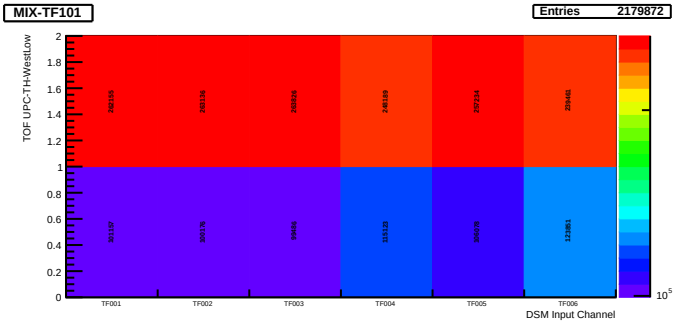

MIX-TF004
Entries 7629552
TOF MULT
TOF tray

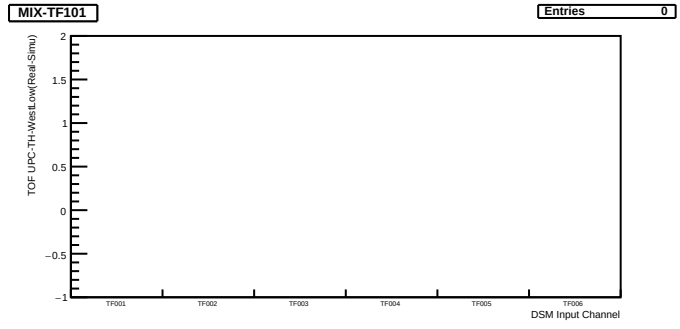

MIX-TF005
Entries 7629552
TOF MULT
TOF tray

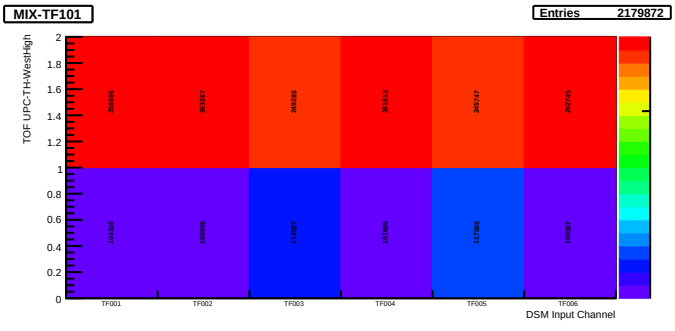

MIX-TF006
Entries 7629552
TOF MULT
TOF tray

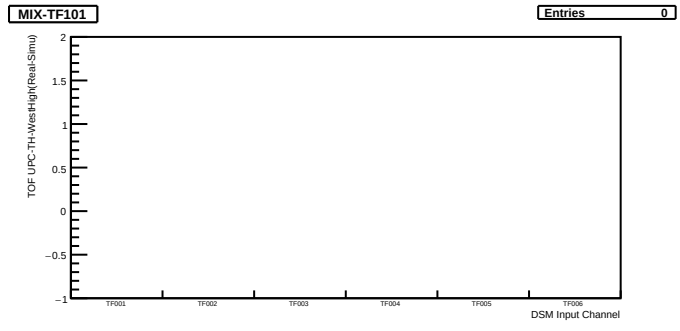

MIX-TF101
Entries 2179872
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

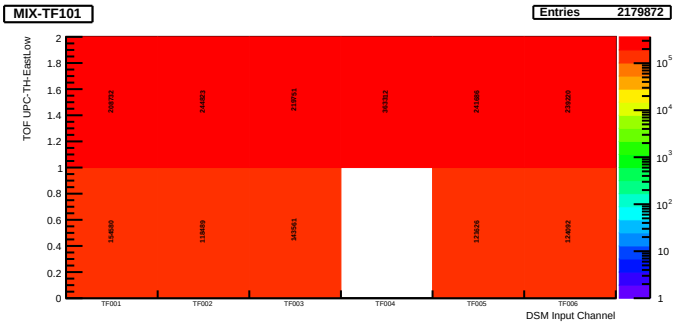

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

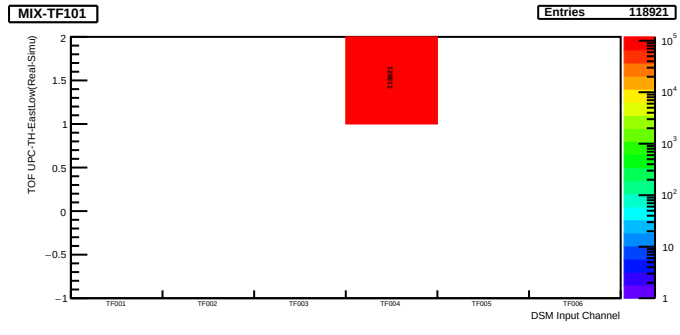

MIX-TF101
Entries 2179872
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

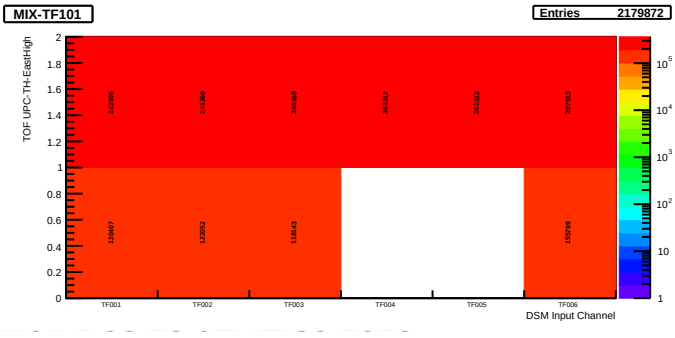

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

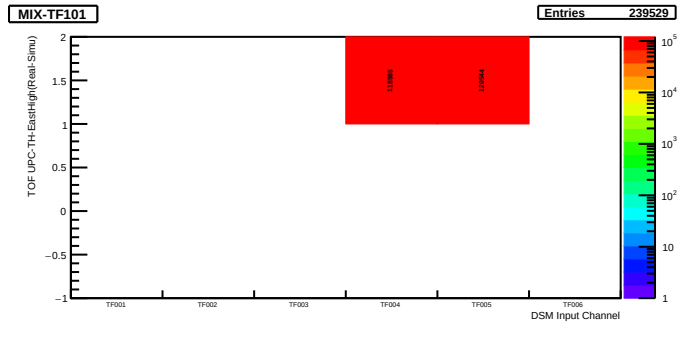

MIX-TF101
Entries 2179872
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

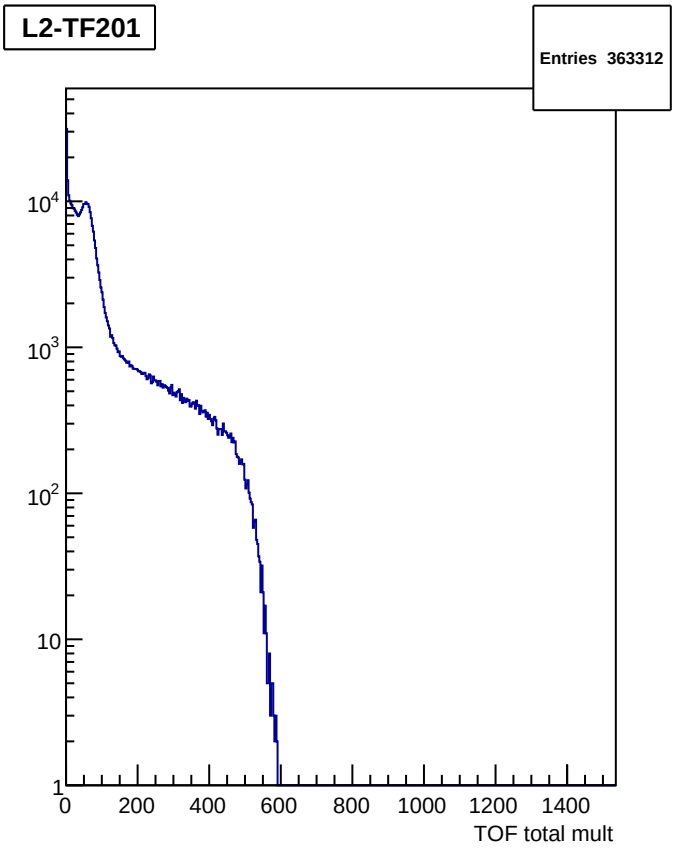

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

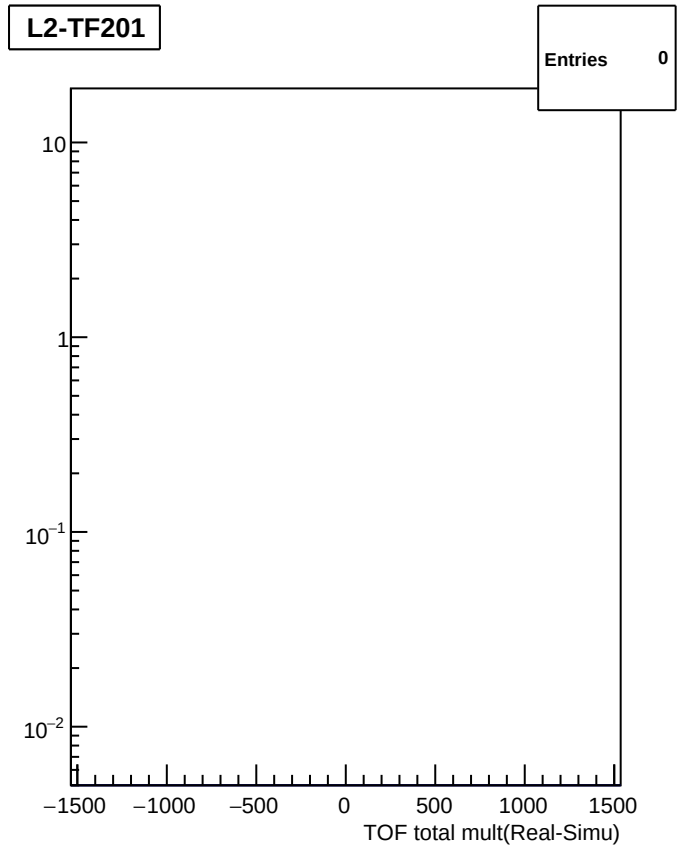

MIX-TF101
Entries 2179872
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

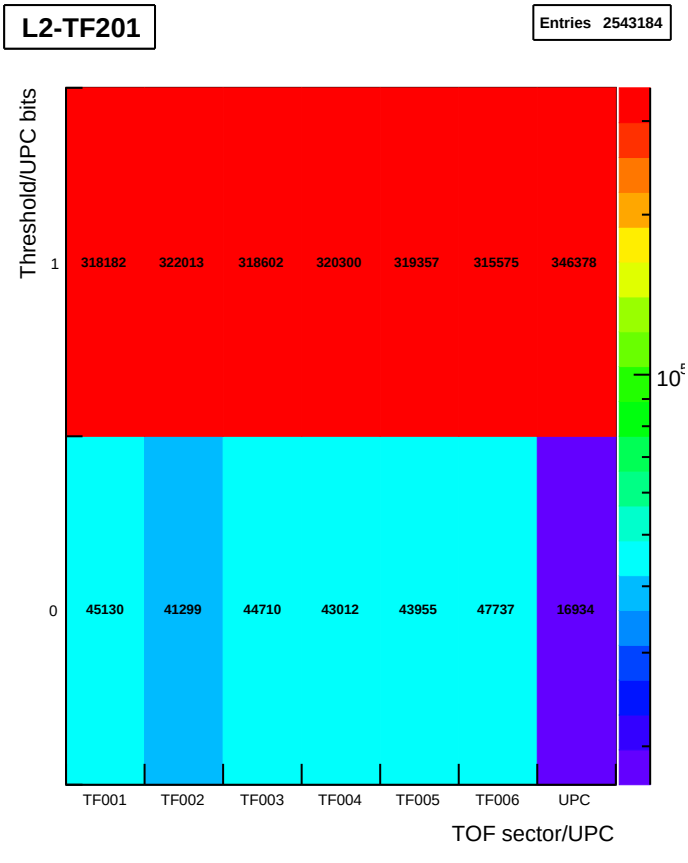

MIX-TF101
Entries 118921
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

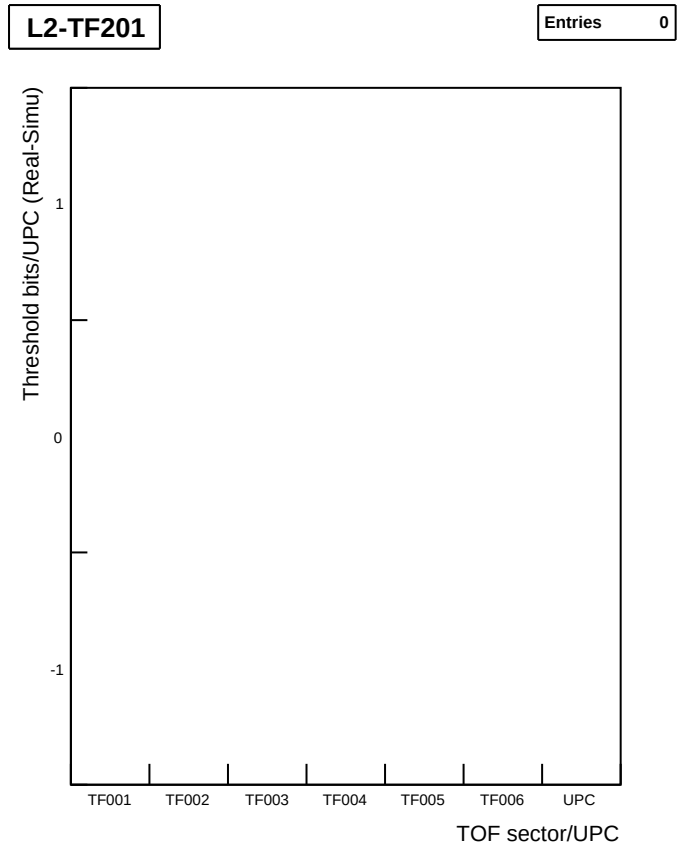

MIX-TF101
Entries 2179872
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

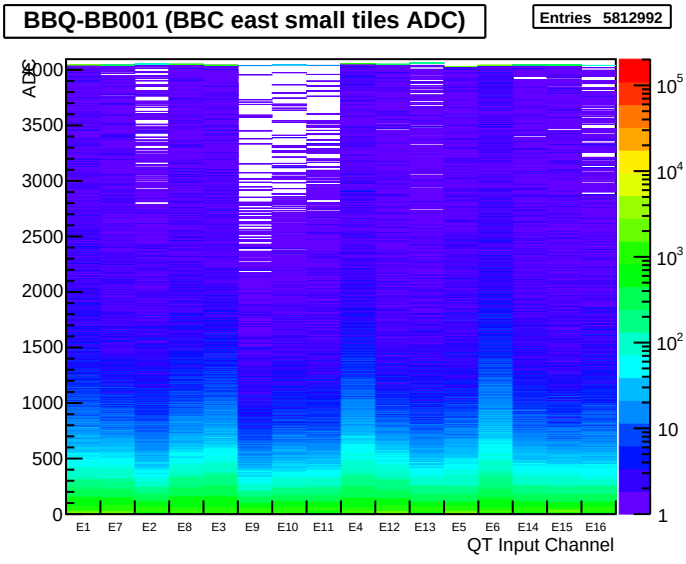

MIX-TF101
Entries 239529
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

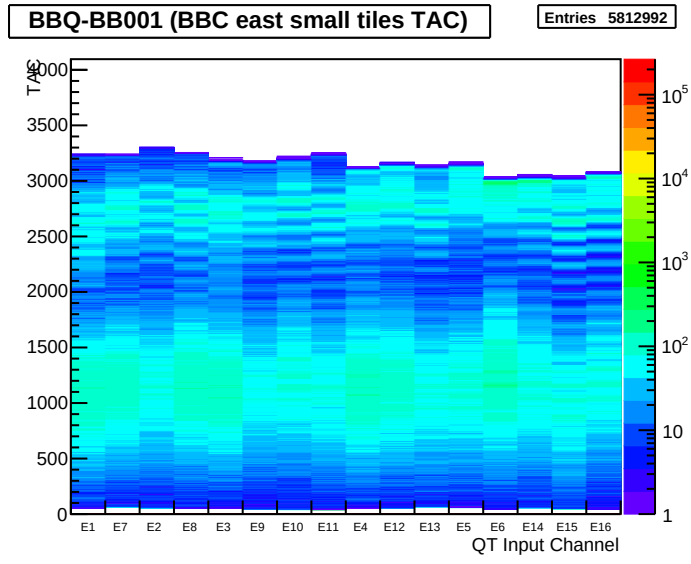

L2-TF201
Entries 363312
TOF total mult

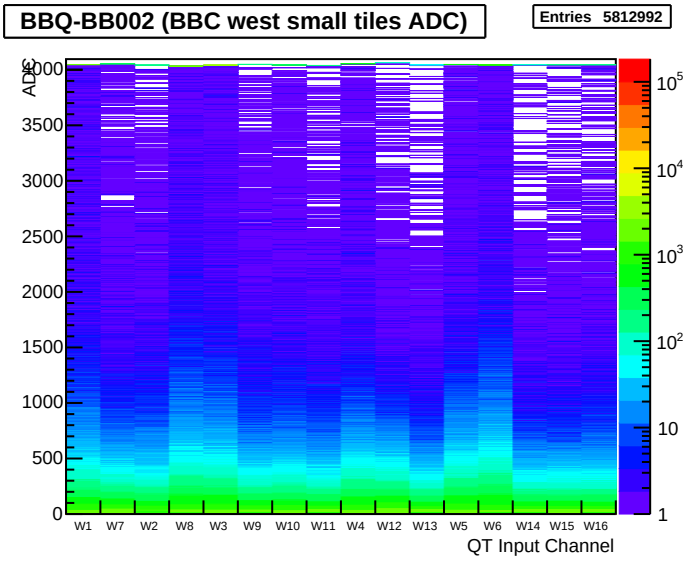

L2-TF201
Entries 0
TOF total mult(Real-Simu)

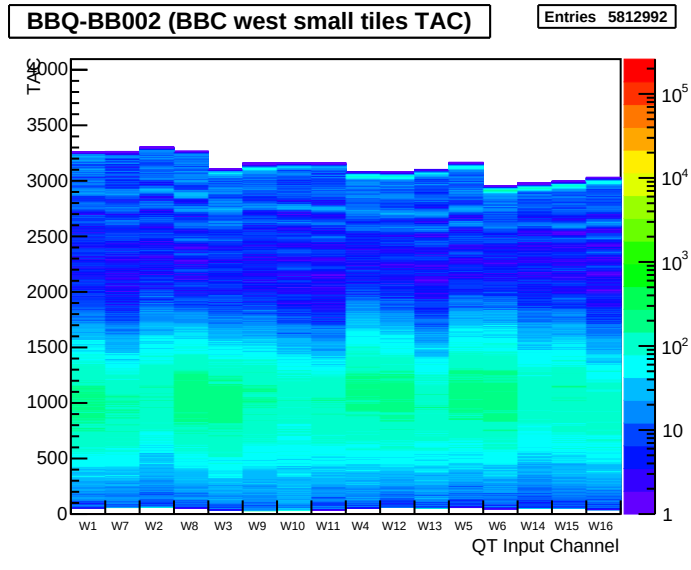

L2-TF201
Entries 2543184
Threshold/UPC bits
318182
322013
318602
320300
319357
315575
346378
45130
41299
44710
43012
43955
47737
16934
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

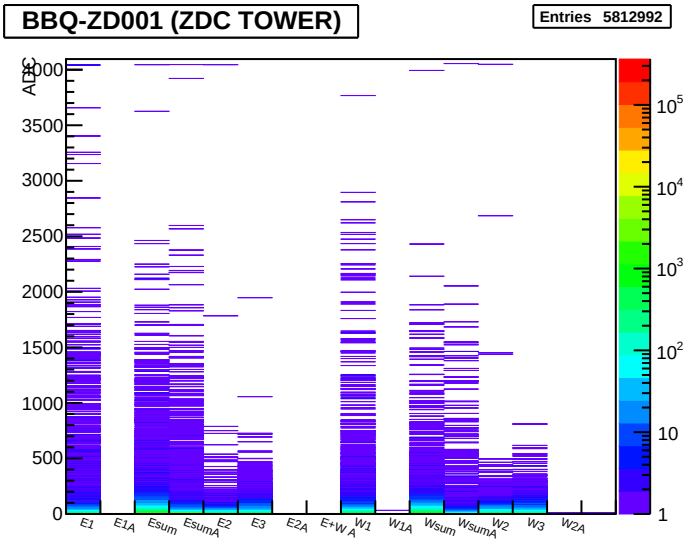

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

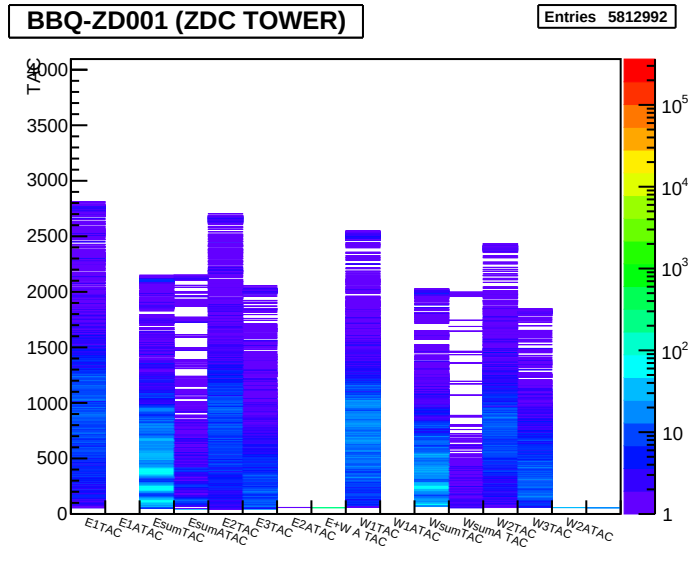

BBQ-BB001 (BBC east small tiles ADC)
Entries 5812992
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

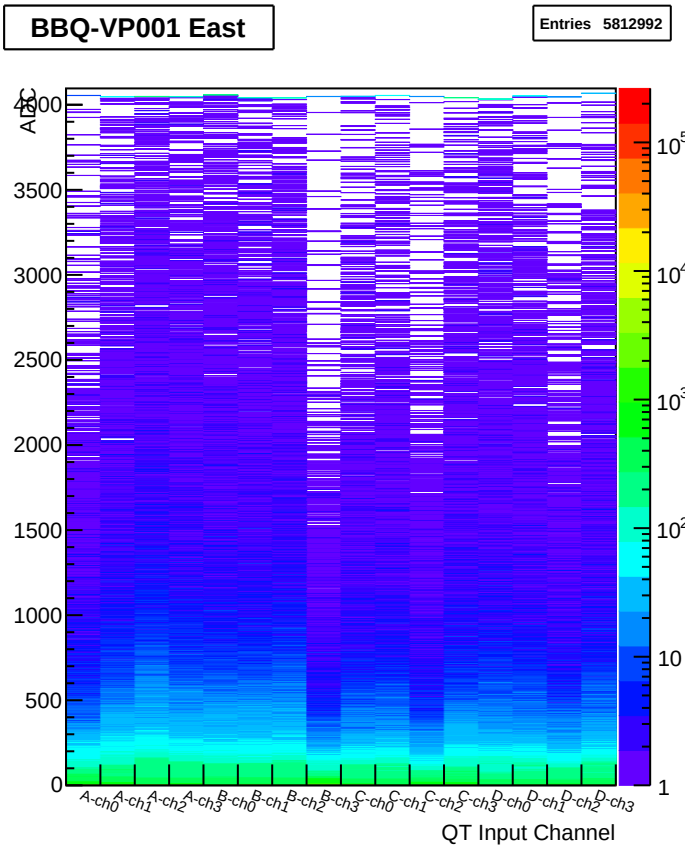

BBQ-BB001 (BBC east small tiles TAC)
Entries 5812992
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

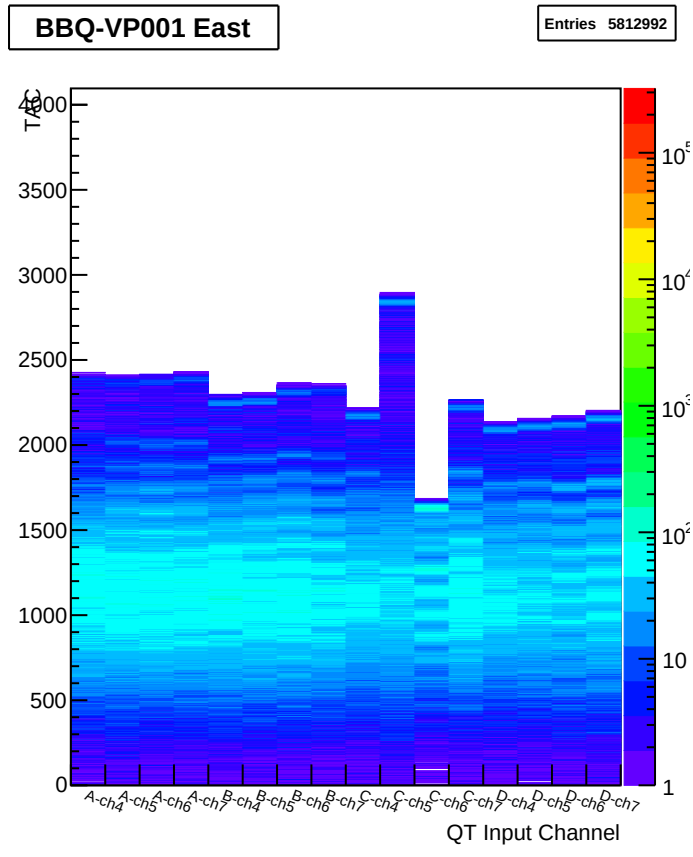

BBQ-BB002 (BBC west small tiles ADC)
Entries 5812992
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

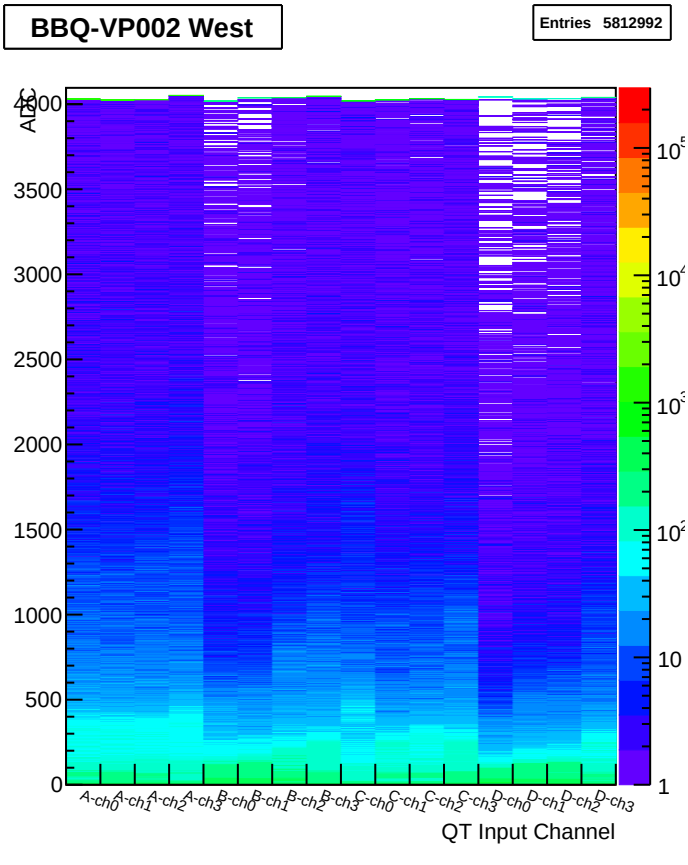

BBQ-BB002 (BBC west small tiles TAC)
Entries 5812992
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

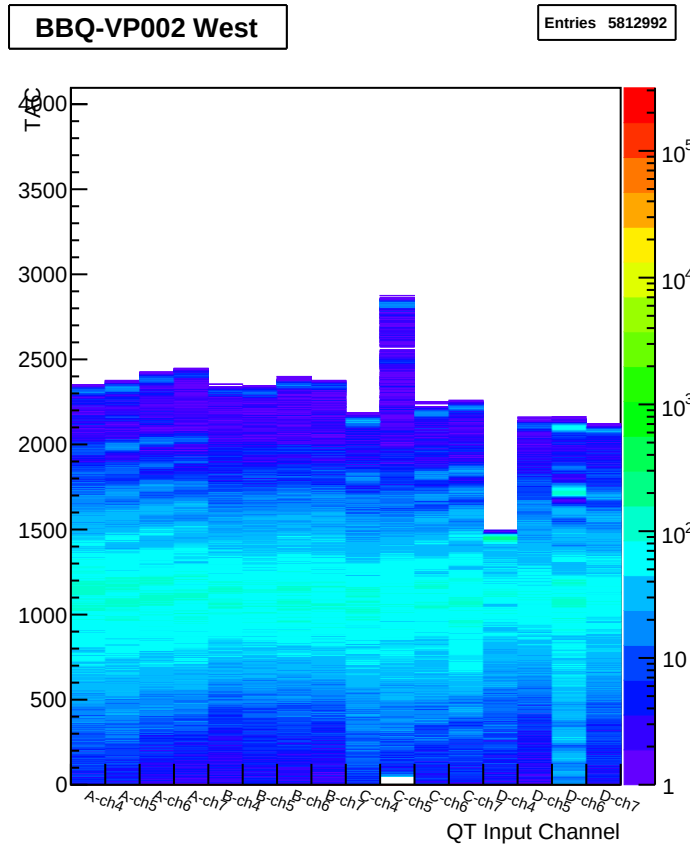

BBQ-ZD001 (ZDC TOWER)
Entries 5812992
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

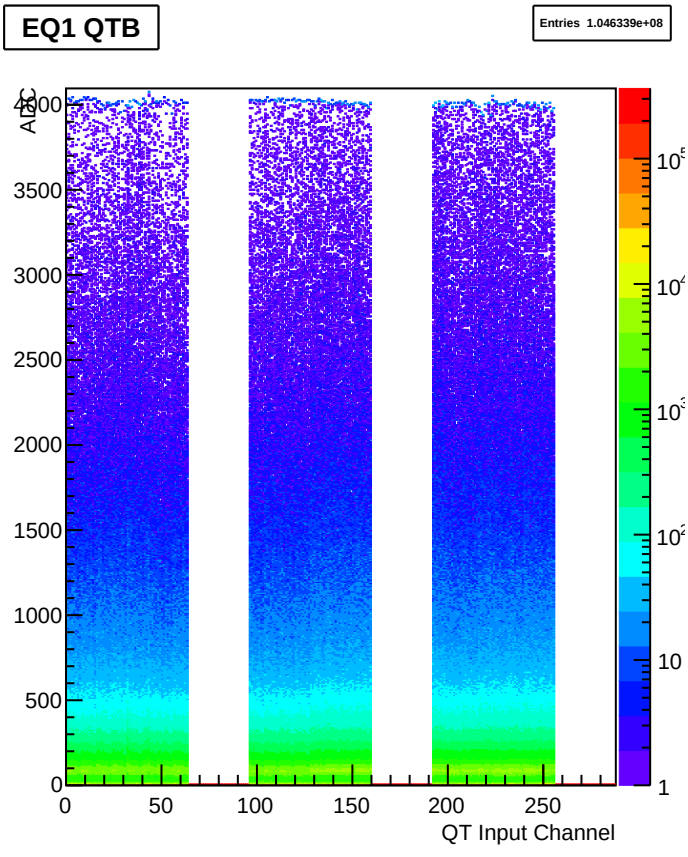

BBQ-ZD001 (ZDC TOWER)
Entries 5812992
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

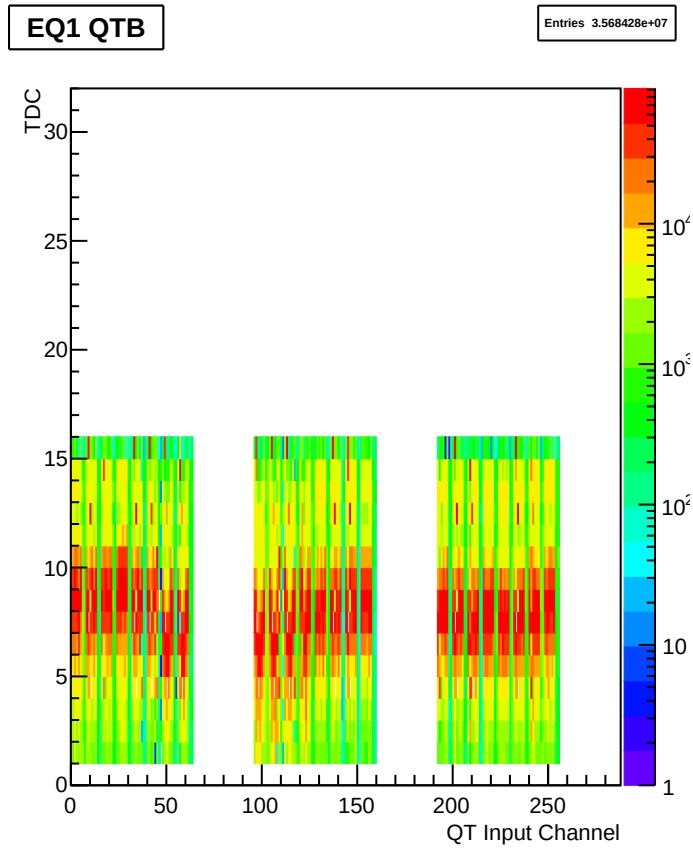

BBQ-VP001 East
Entries 5812992
ADC
QT Input Channel

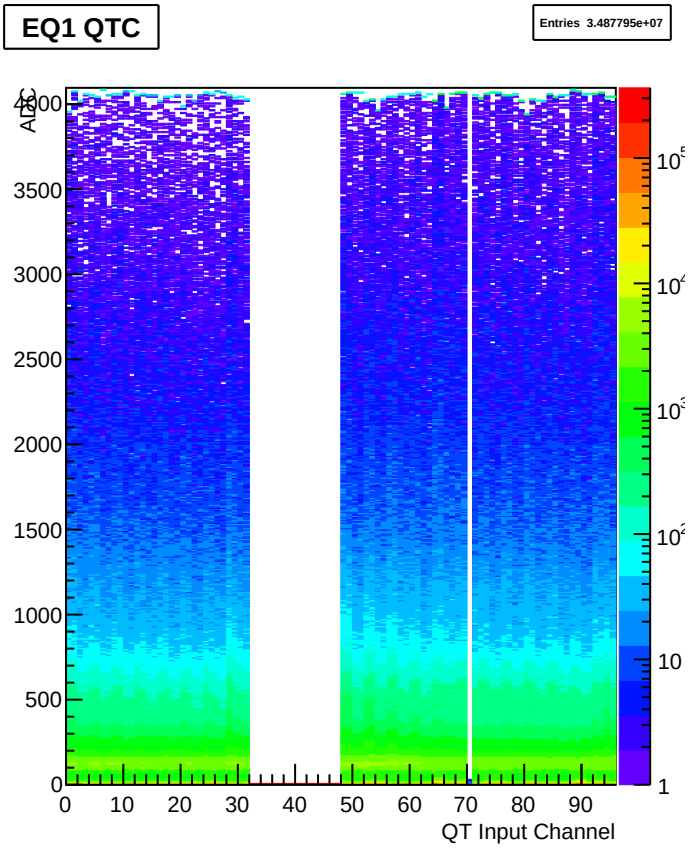

BBQ-VP001 East
Entries 5812992
TADC
QT Input Channel

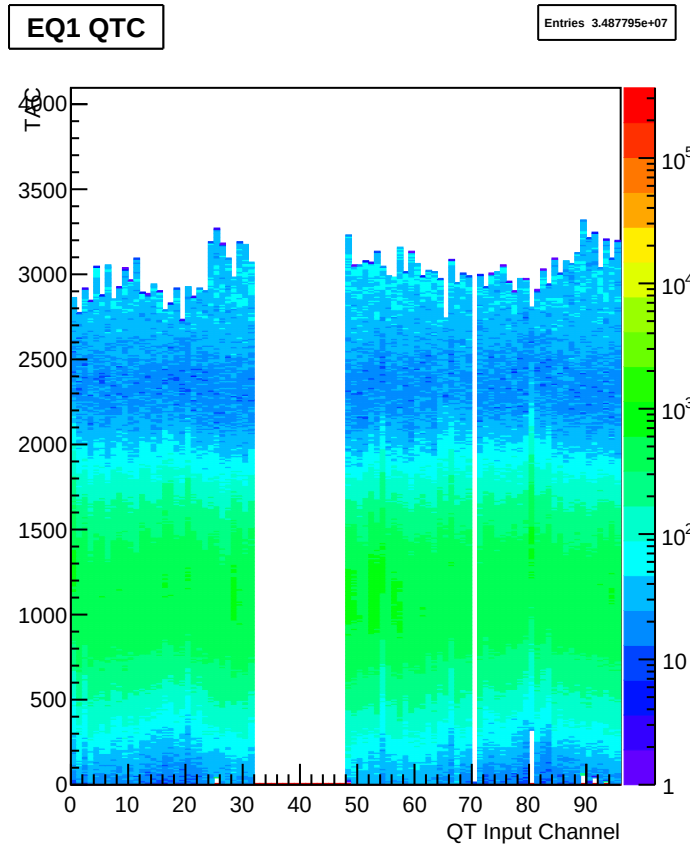

BBQ-VP002 West
Entries 5812992
ADC
QT Input Channel

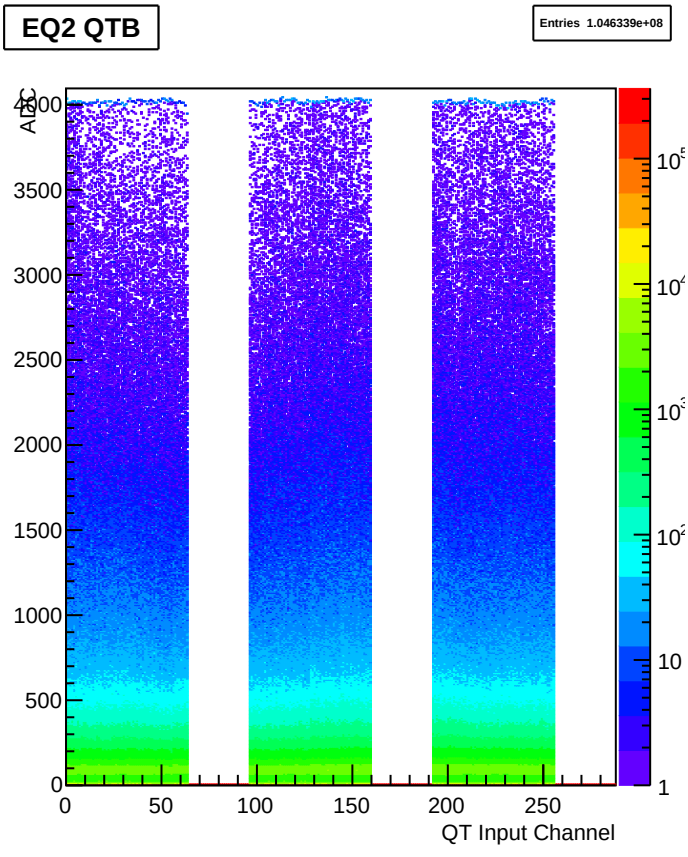

BBQ-VP002 West
Entries 5812992
TADC
QT Input Channel

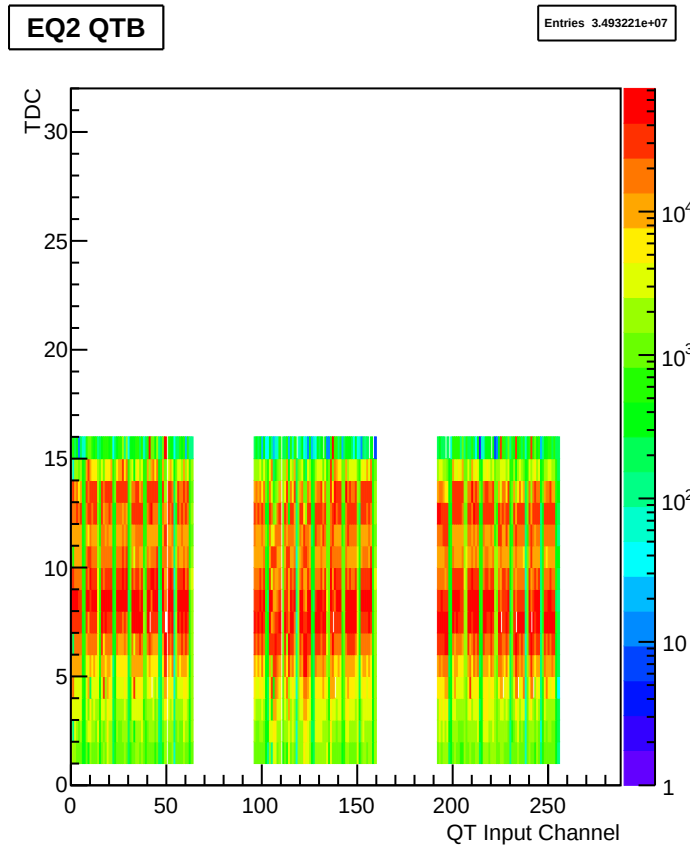

EQ1 QTB
Entries 1.046339e+08
ADC
QT Input Channel

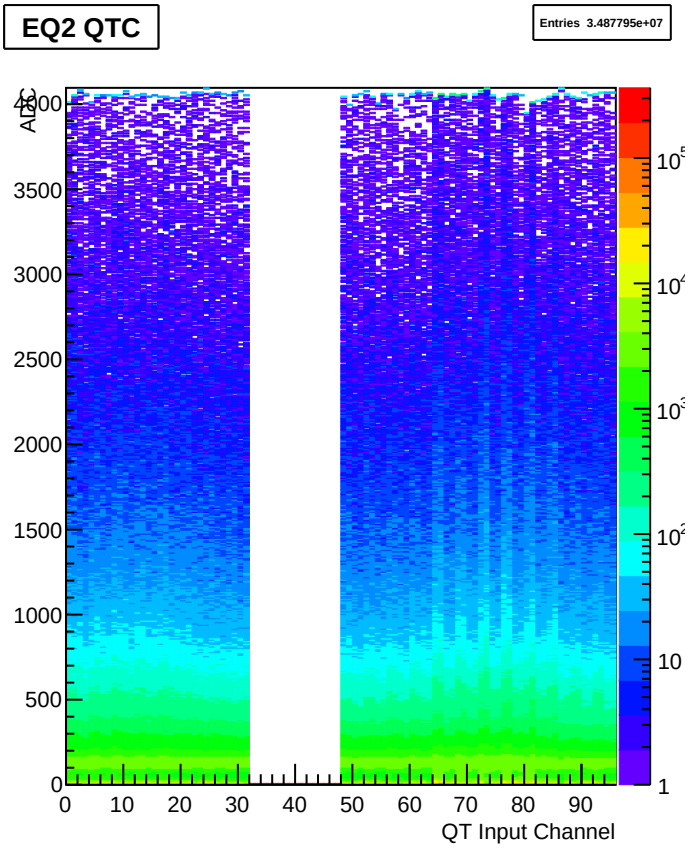

EQ1 QTB
Entries 3.568428e+07
TDC
QT Input Channel

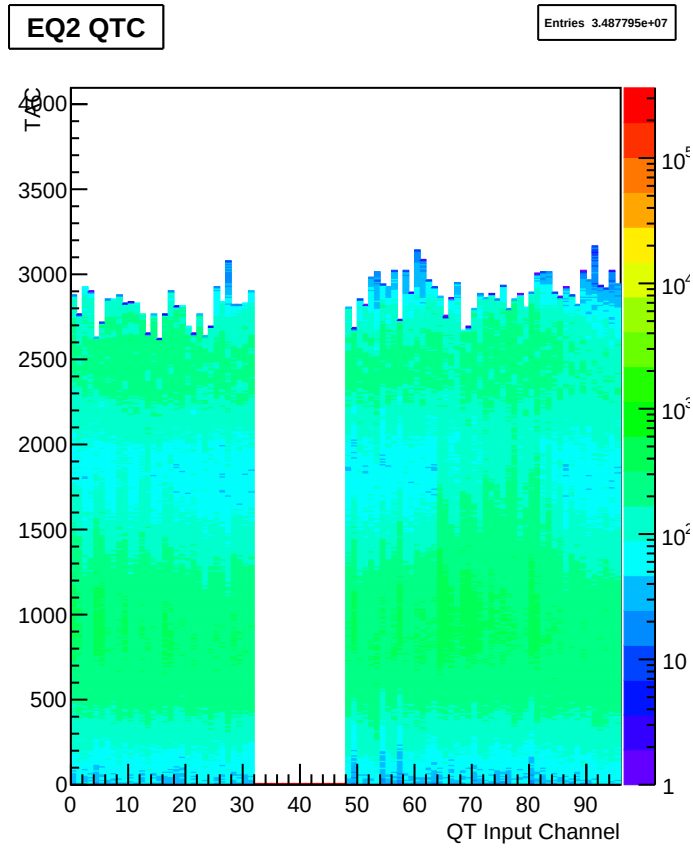

EQ1 QTC
Entries 3.487795e+07
ADC
QT Input Channel

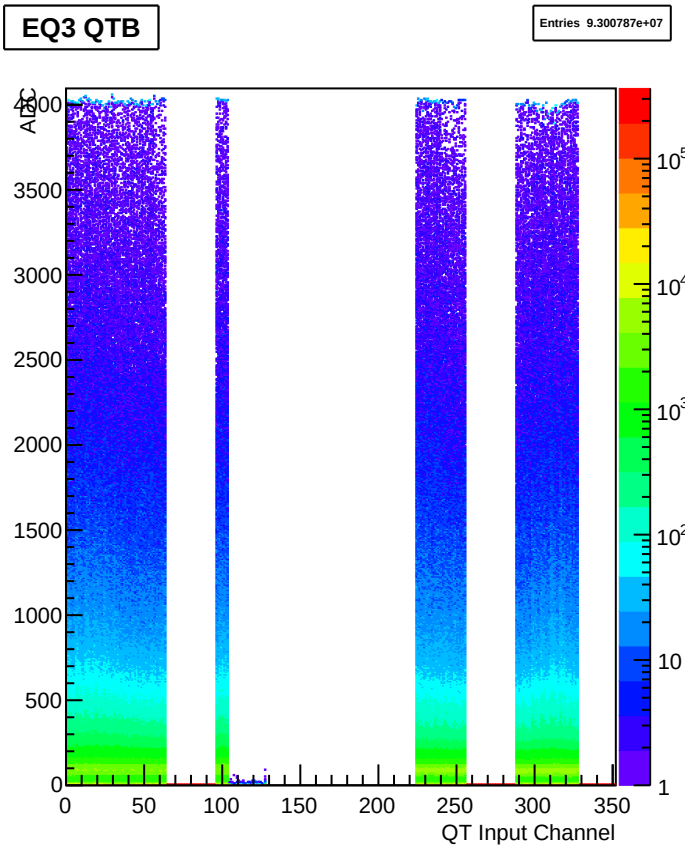

EQ1 QTC
Entries 3.487795e+07
TADC
QT Input Channel

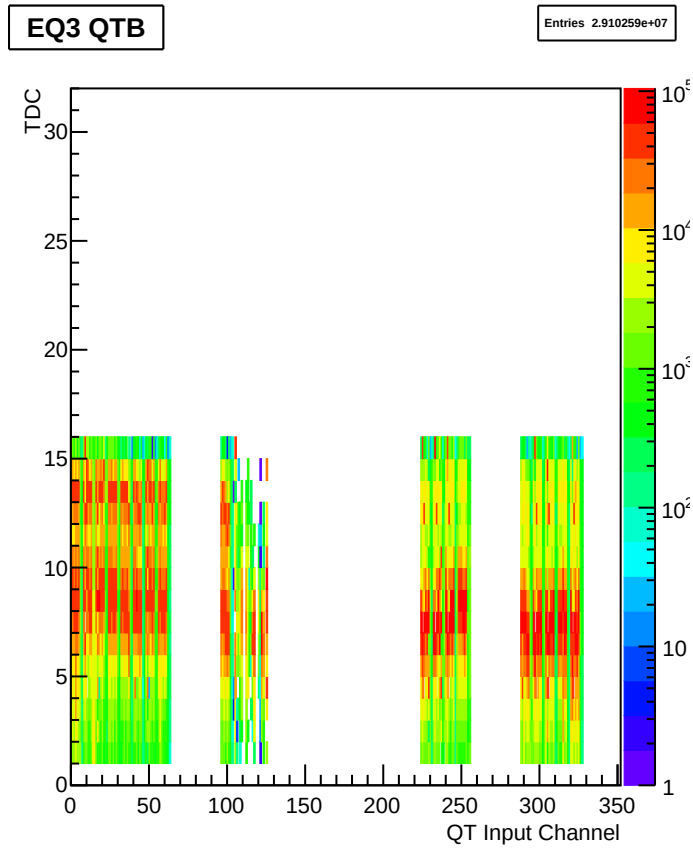

EQ2 QTB
Entries 1.046339e+08
ADC
QT Input Channel

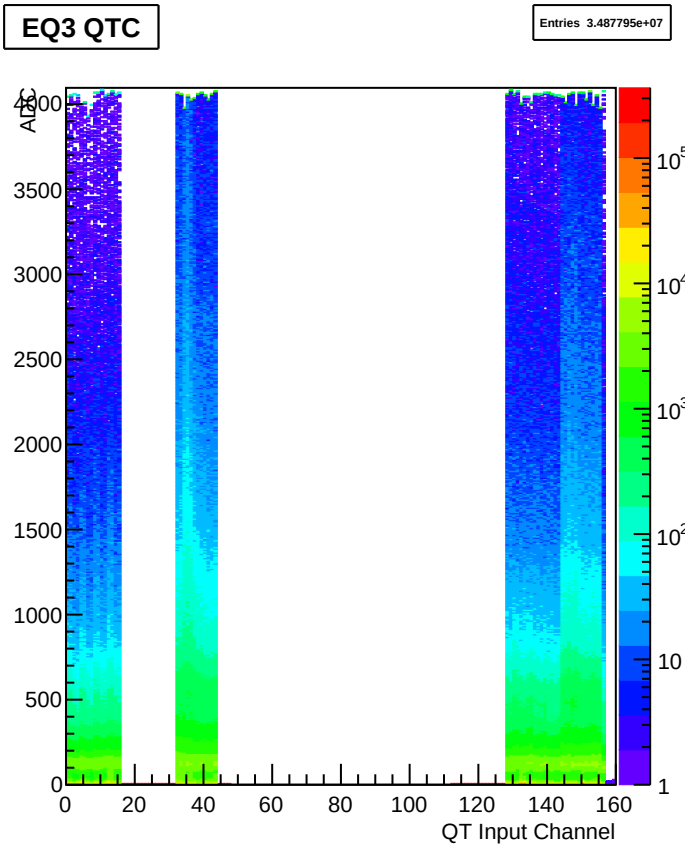

EQ2 QTB
Entries 3.493221e+07
TDC
QT Input Channel

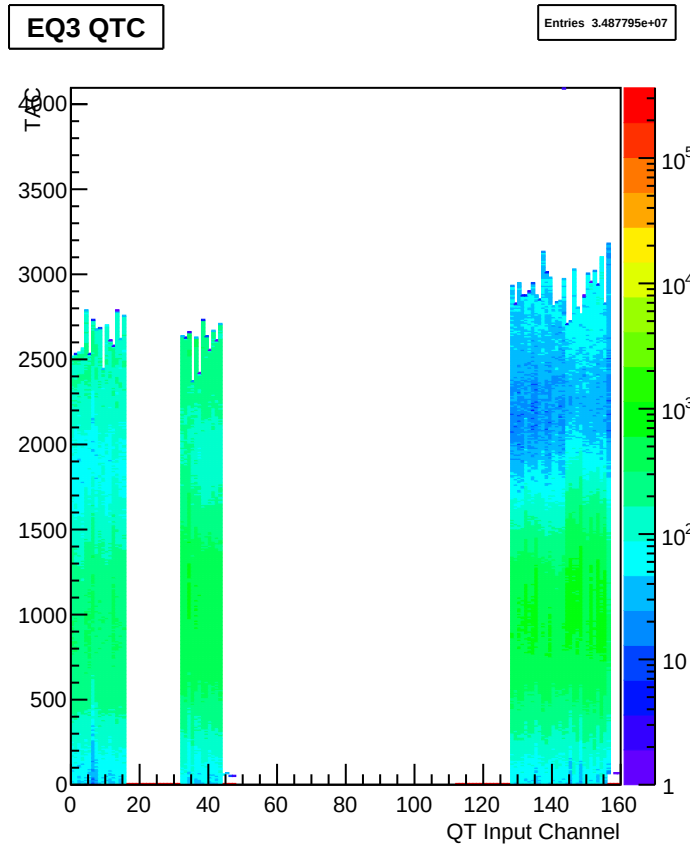

EQ2 QTC
Entries 3.487795e+07
ADC
QT Input Channel

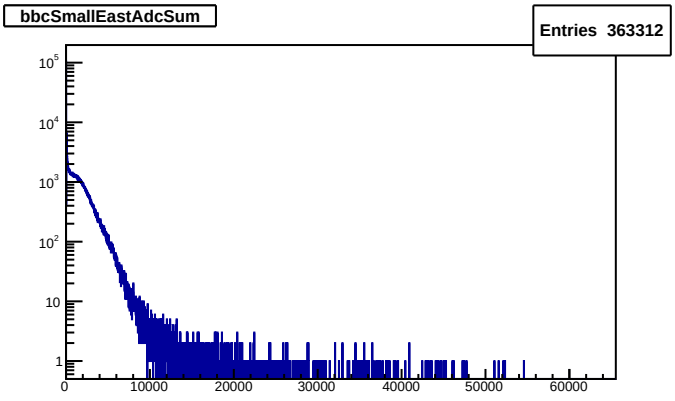

EQ2 QTC
Entries 3.487795e+07
TADC
QT Input Channel

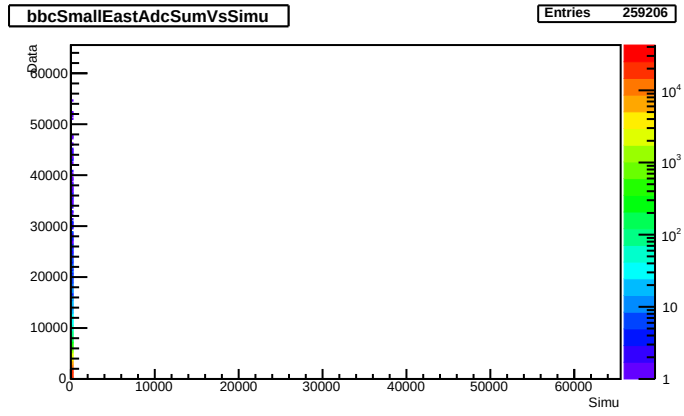

EQ3 QTB
Entries 9.300787e+07
ADC
QT Input Channel

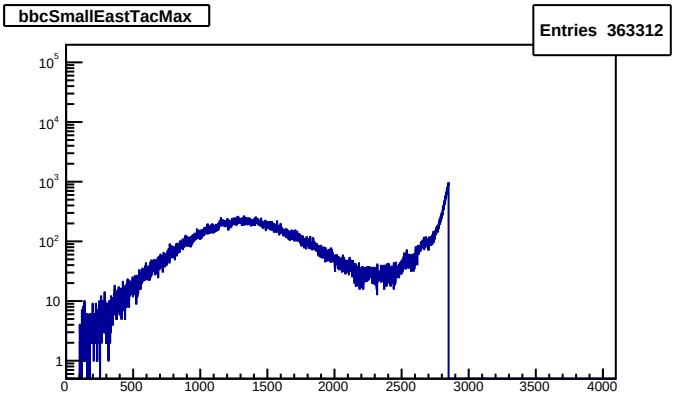

EQ3 QTB
Entries 2.910259e+07
TDC
QT Input Channel

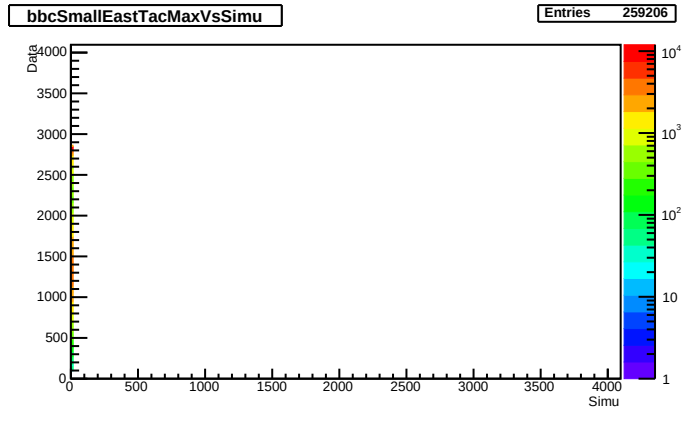

EQ3 QTC
Entries 3.487795e+07
ADC
QT Input Channel

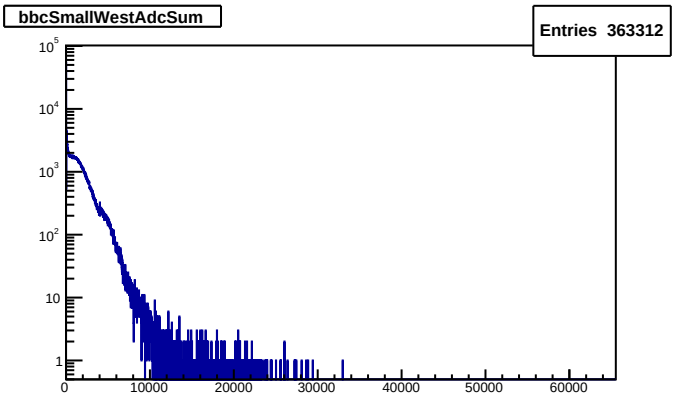

EQ3 QTC
Entries 3.487795e+07
TADC
QT Input Channel

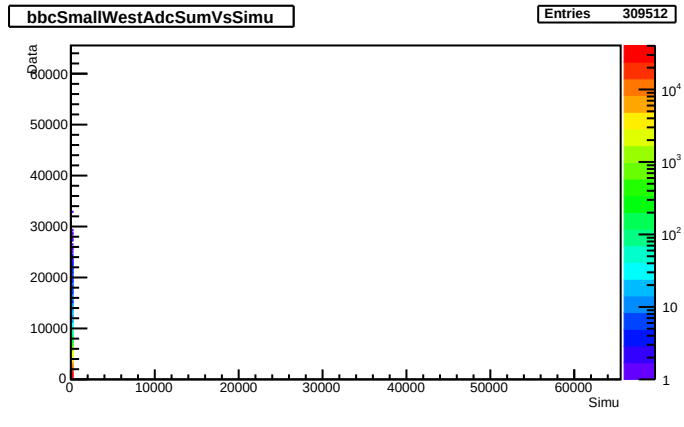

bbcSmallEastAdcSum
Entries 363312


bbcSmallEastAdcSumVsSimu
Entries 259206
Data
Simu


bbcSmallEastTacMax
Entries 363312


bbcSmallEastTacMaxVsSimu
Entries 259206
Data
Simu


bbcSmallWestAdcSum
Entries 363312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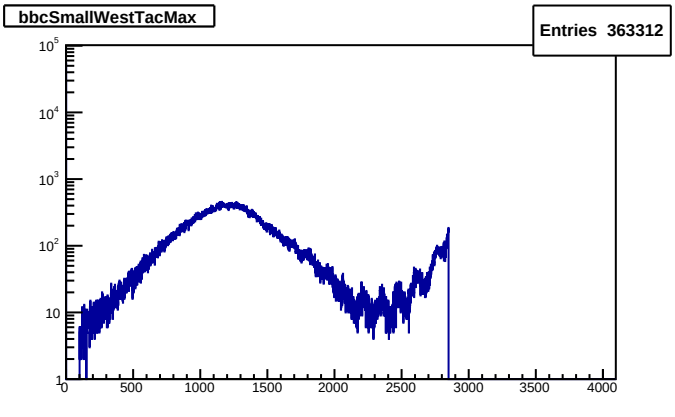
Entries 309512
Data
Simu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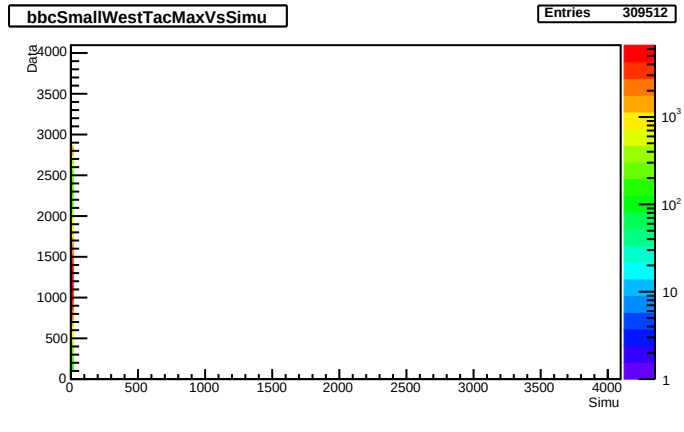
Entries 363312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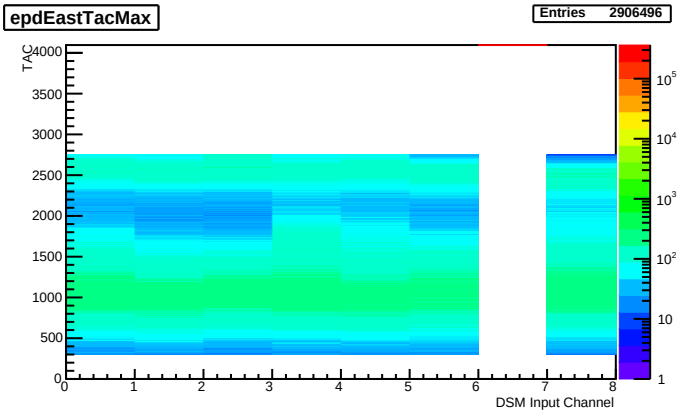
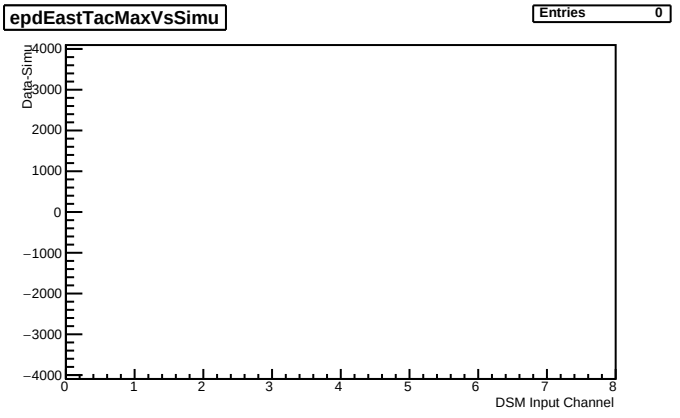
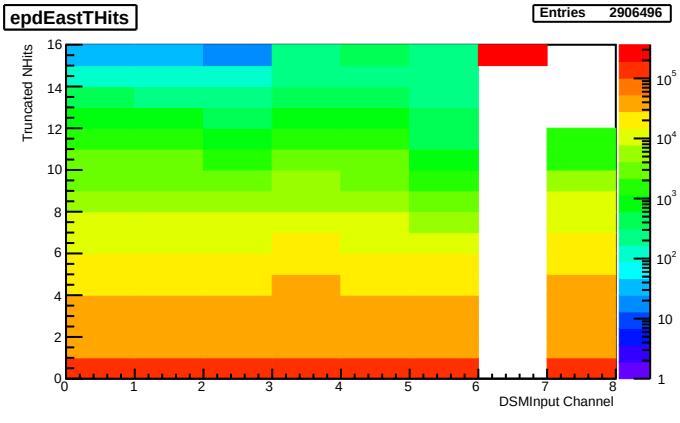
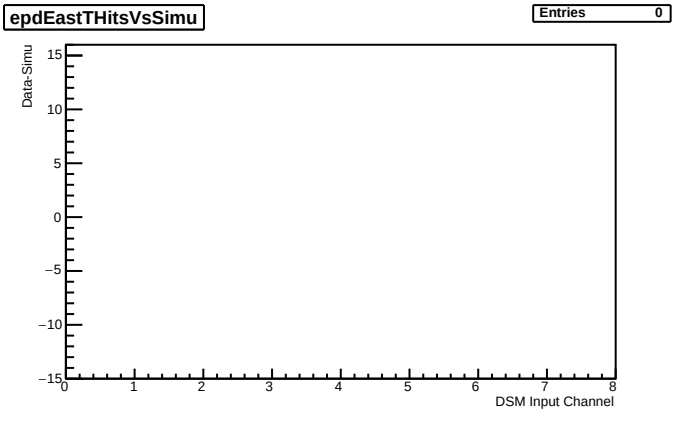
Entries 309512
Data
Simu


epdEastTacMax
Entries 2906496
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2906496
Truncated NHits
DSMInput Channel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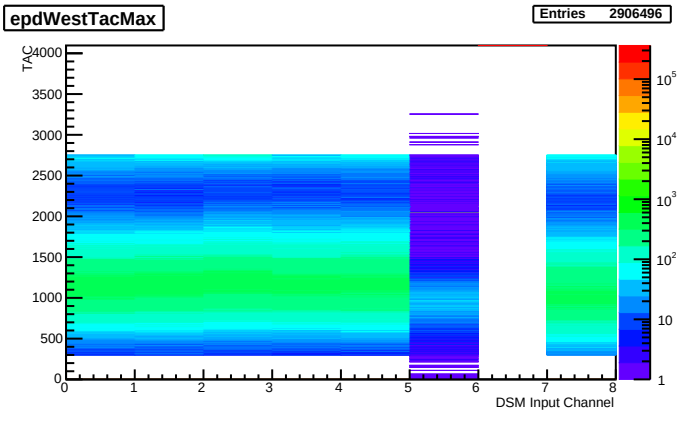
Data-Simu
DSM Input Channel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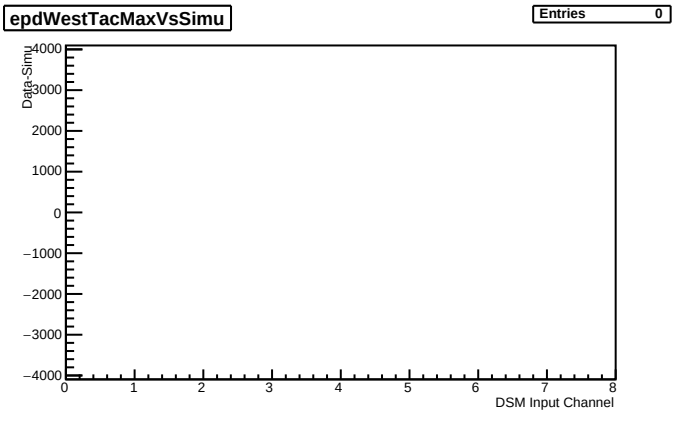
Entries 2906496
TAC
DSM Input Channel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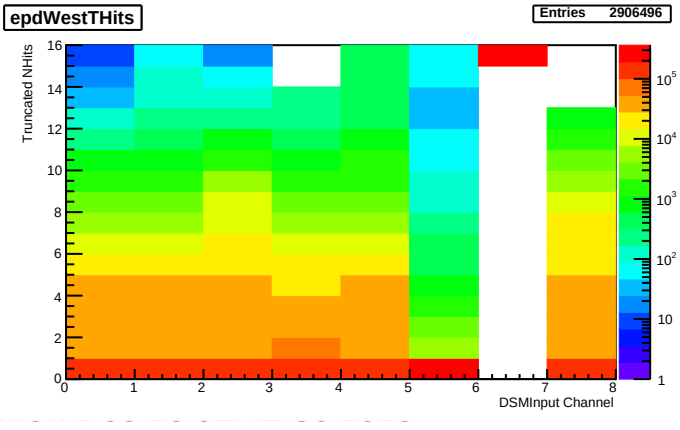
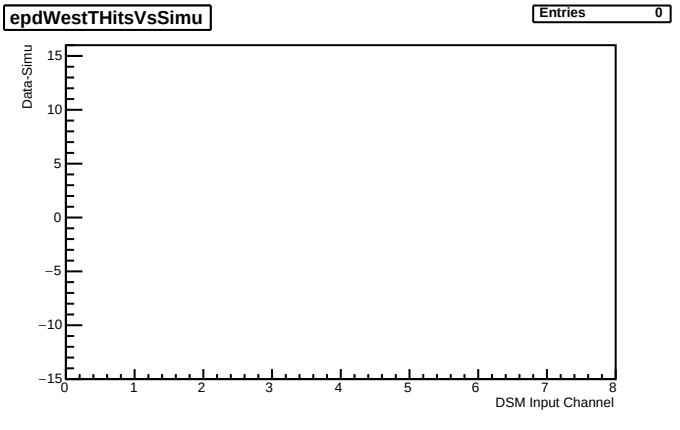
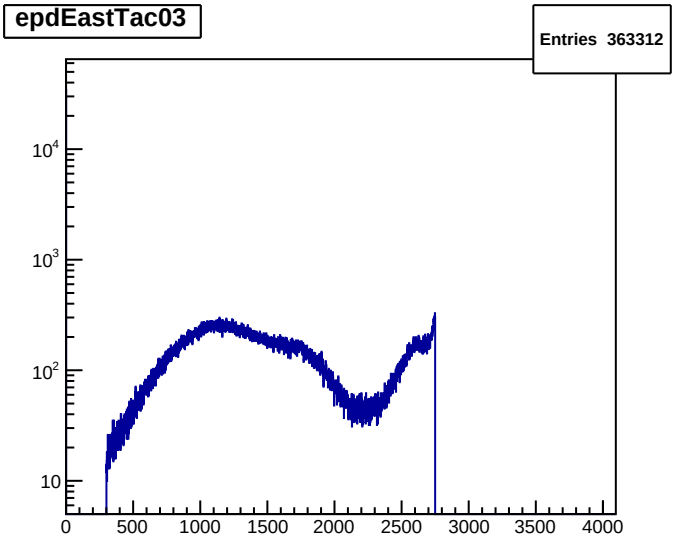
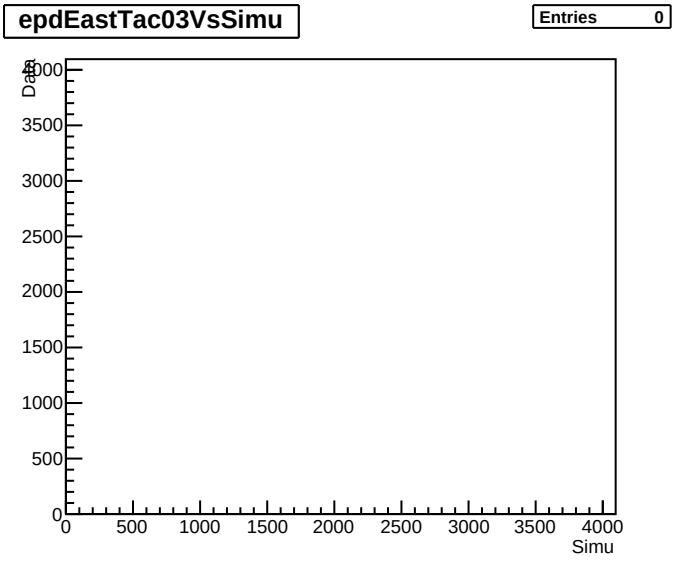
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2906496
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 363312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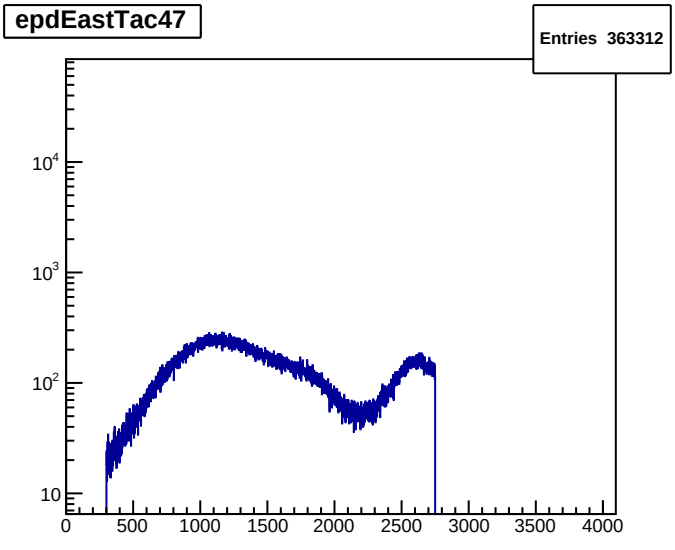
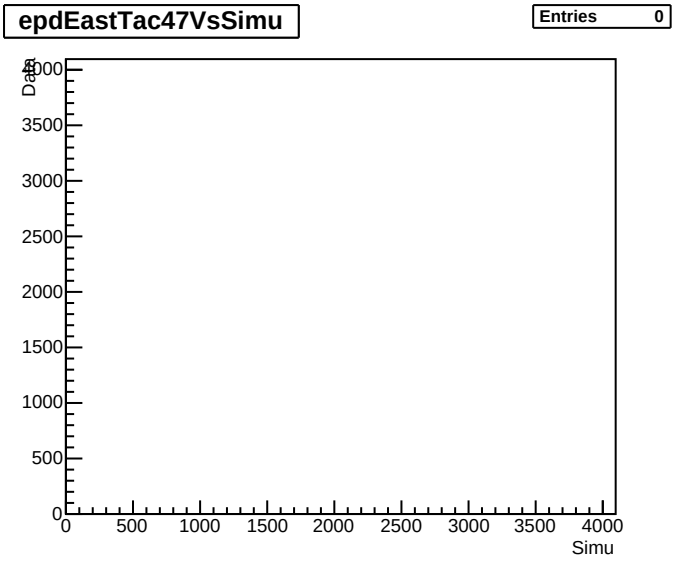
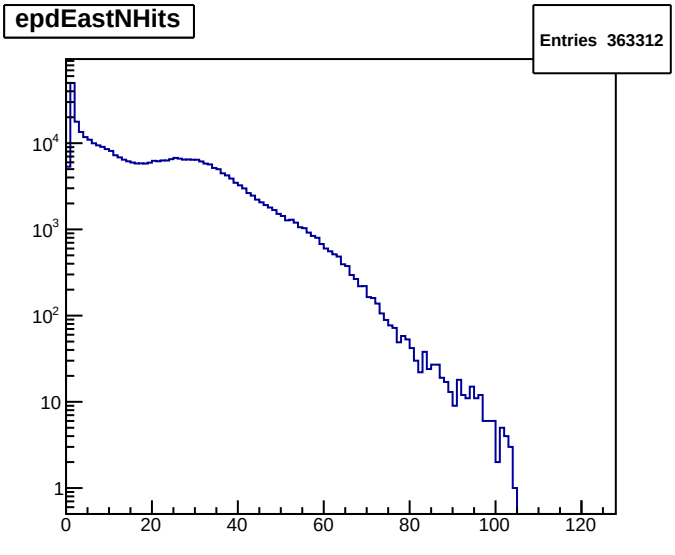
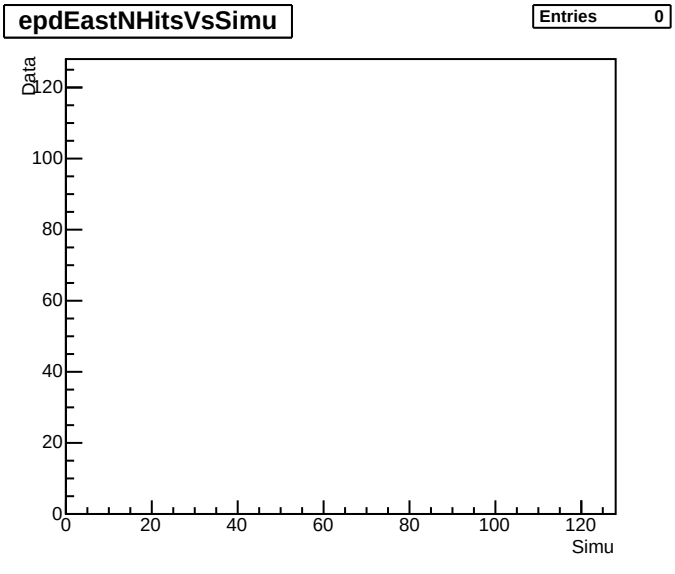
Entries 0
Data
Simu


epdEastTac47
Entries 363312


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 363312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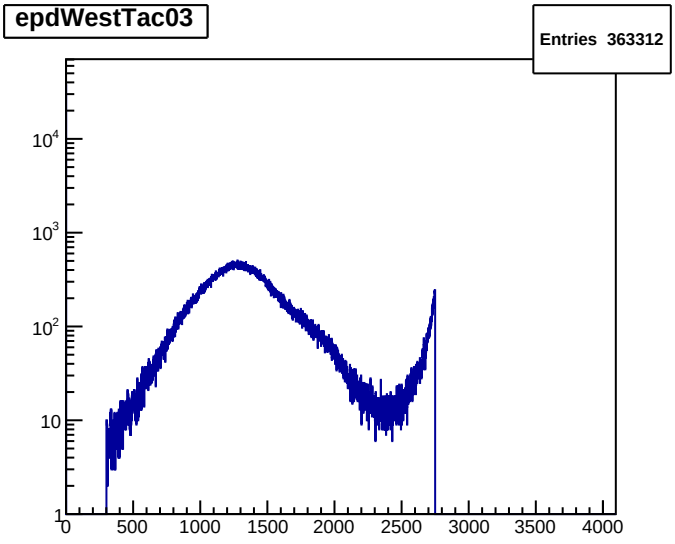
Entries 0
Data
Simu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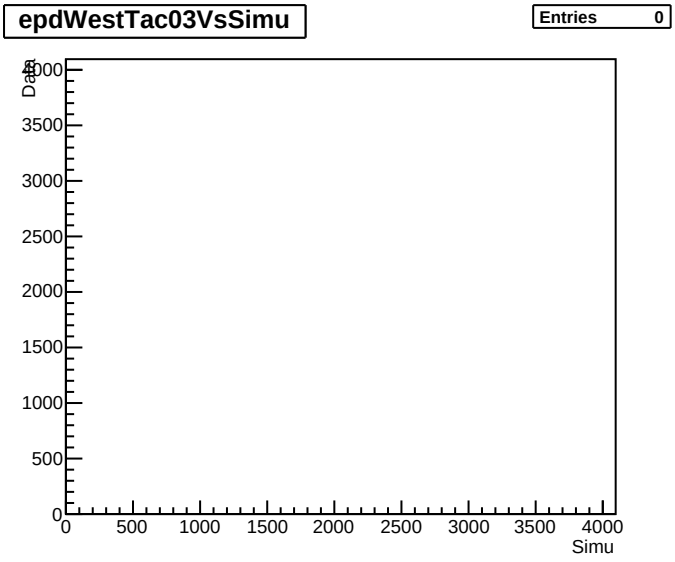
Entries 363312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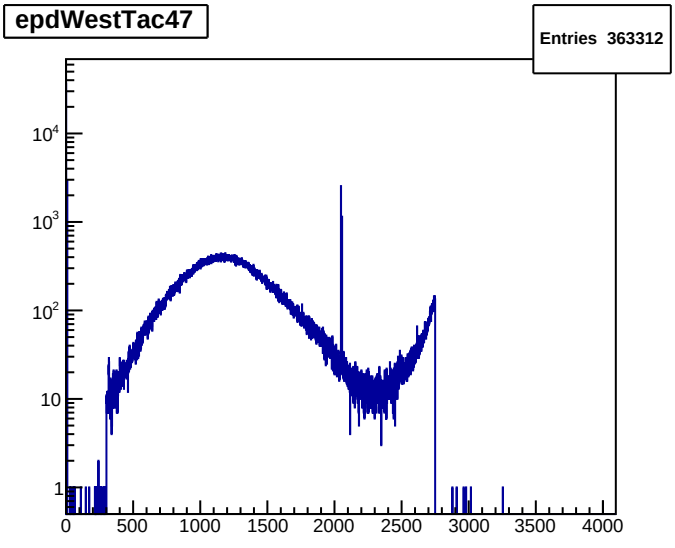
Entries 0
Data
Simu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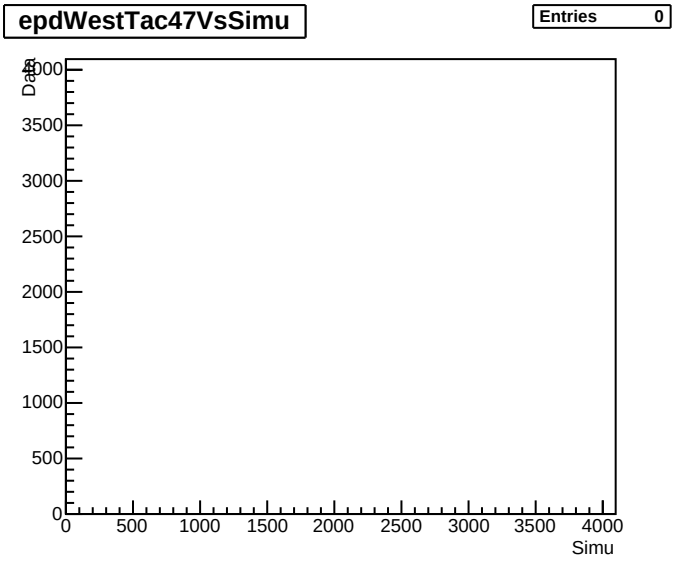
Entries 363312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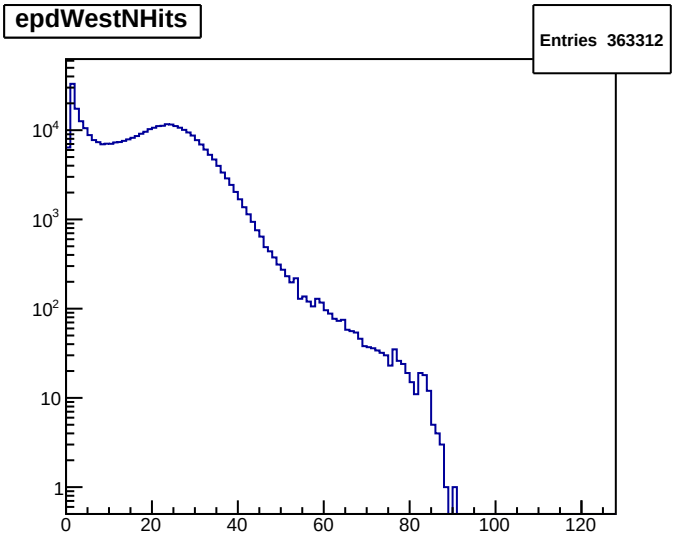
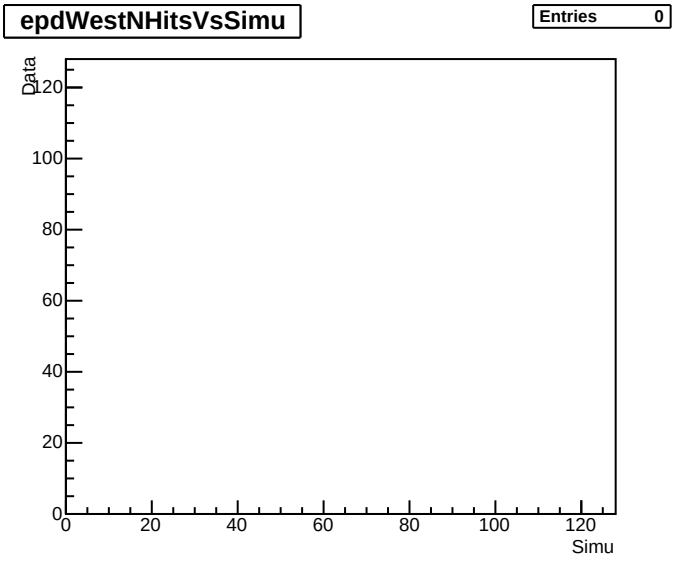
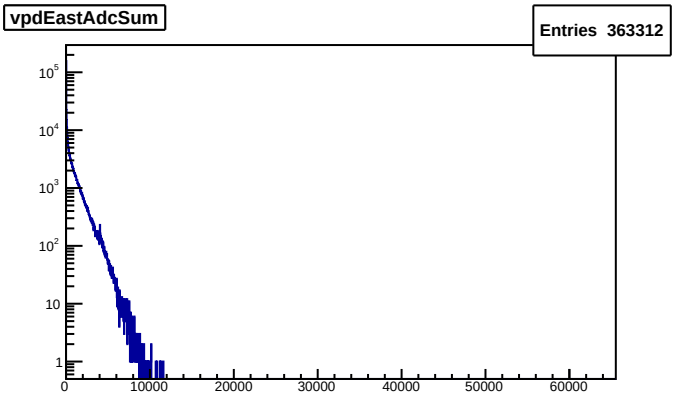
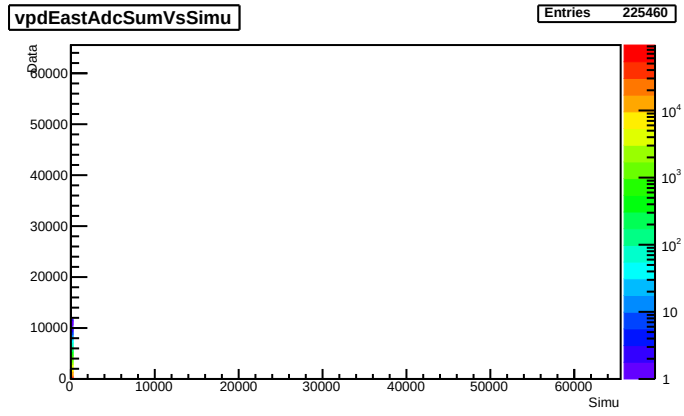
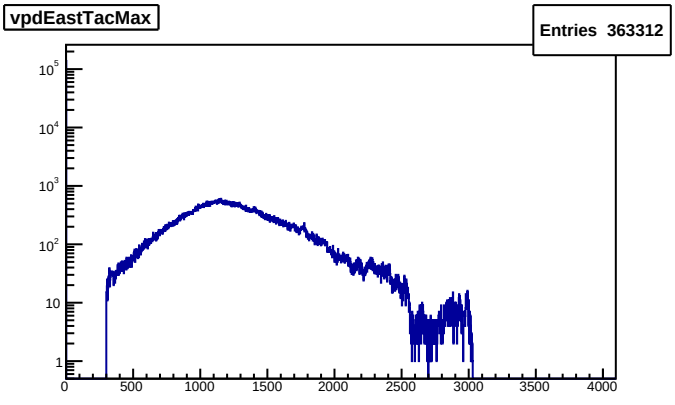
Entries 0
Data
Simu

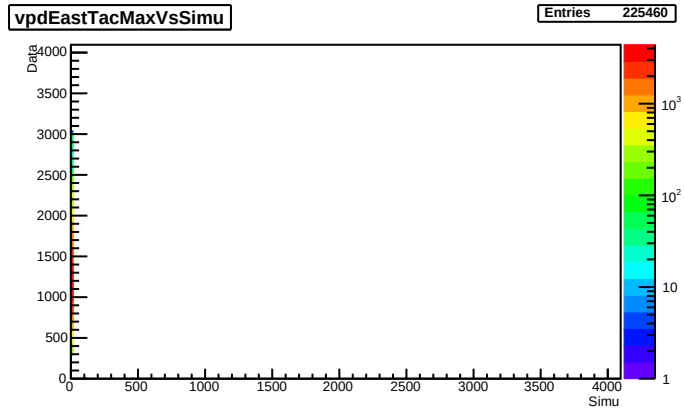

epdWestNHits
Entries 363312


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 363312


vpdEastAdcSumVsSimu
Entries 225460
Data
Simu


vpdEastTacMax
Entries 363312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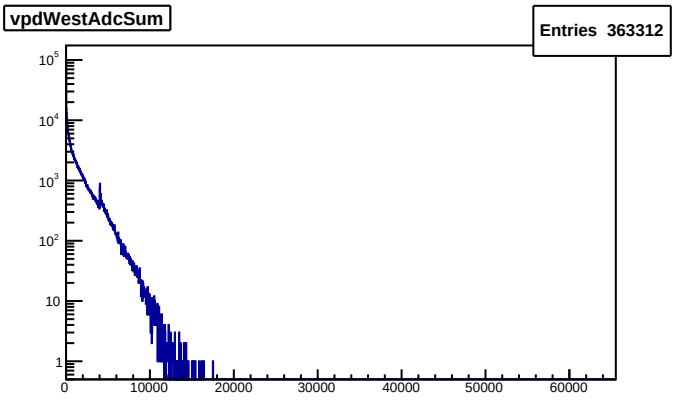
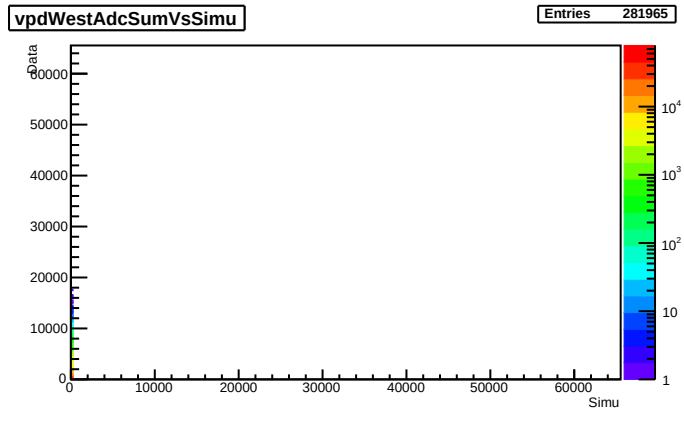
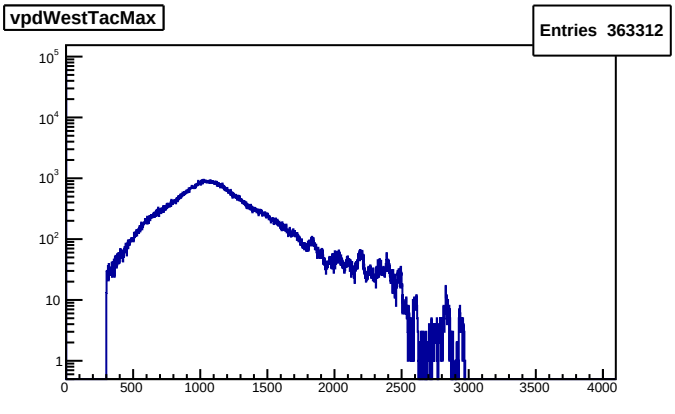
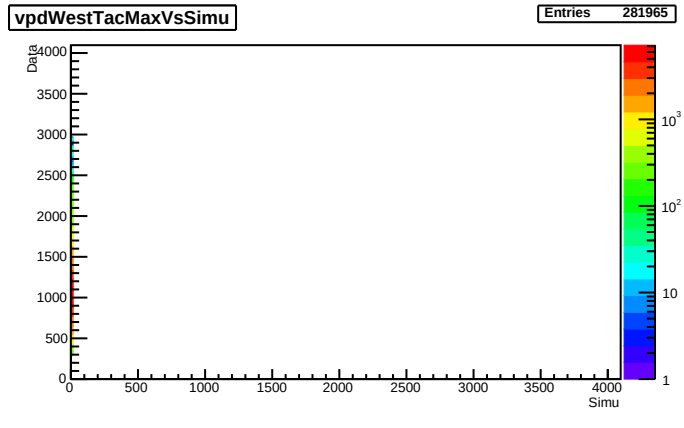
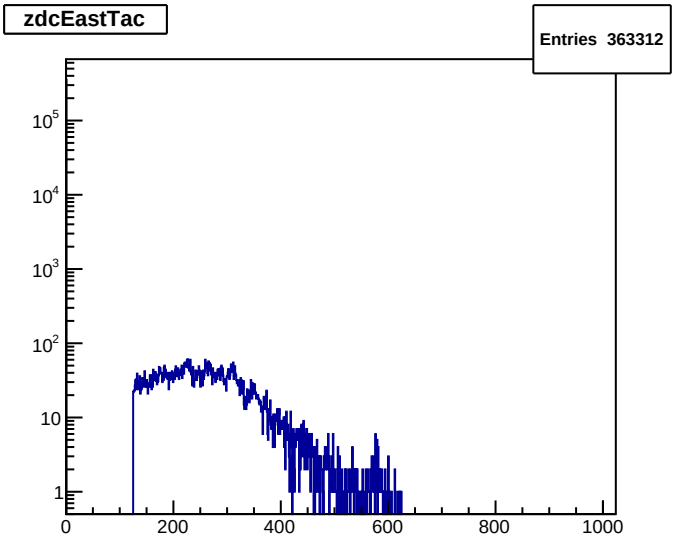
Entries 225460
Data
Simu

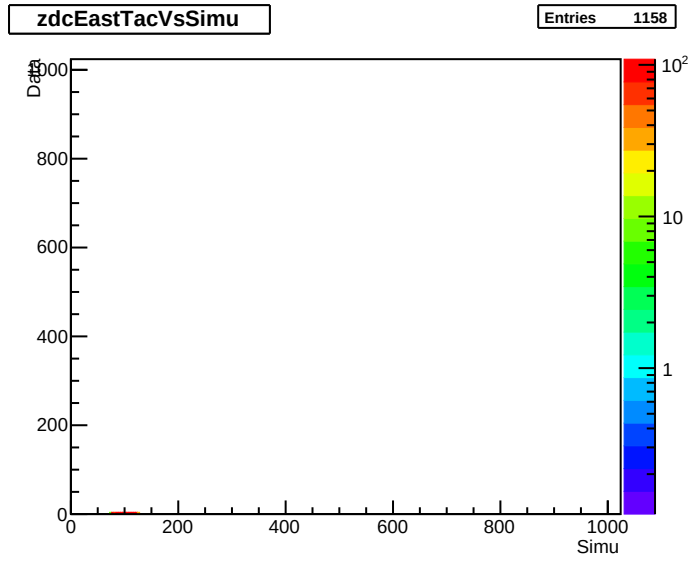

vpdWestAdcSum
Entries 363312

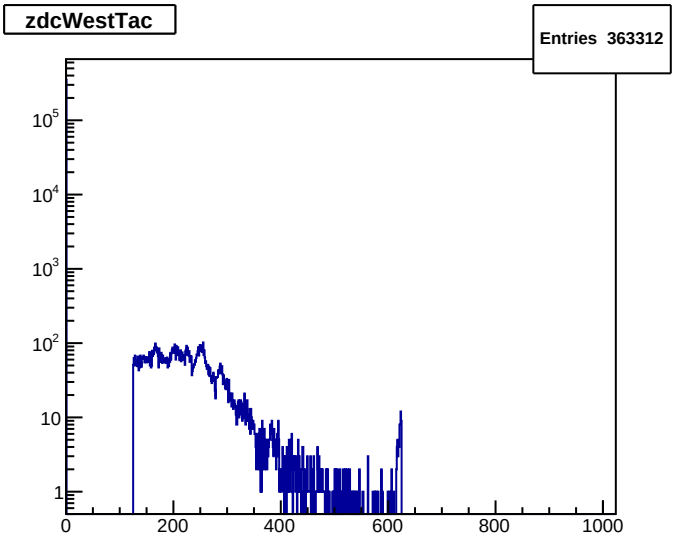

vpdWestAdcSumVsSimu
Entries 281965
Data
Simu

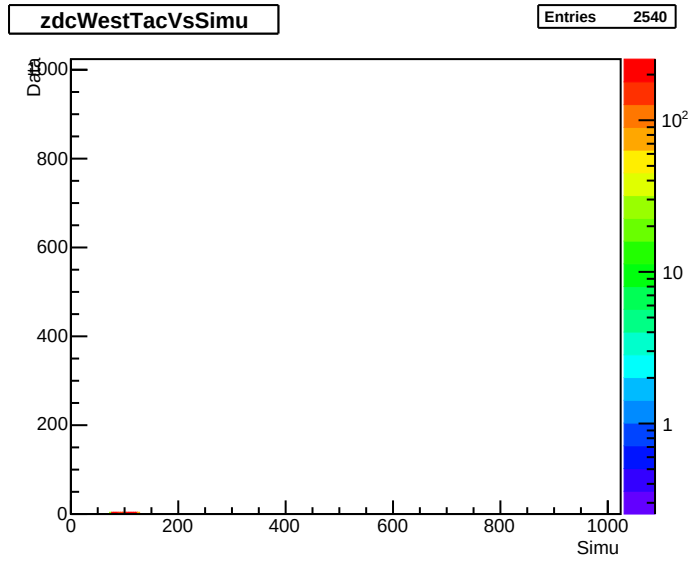

vpdWestTacMax
Entries 363312

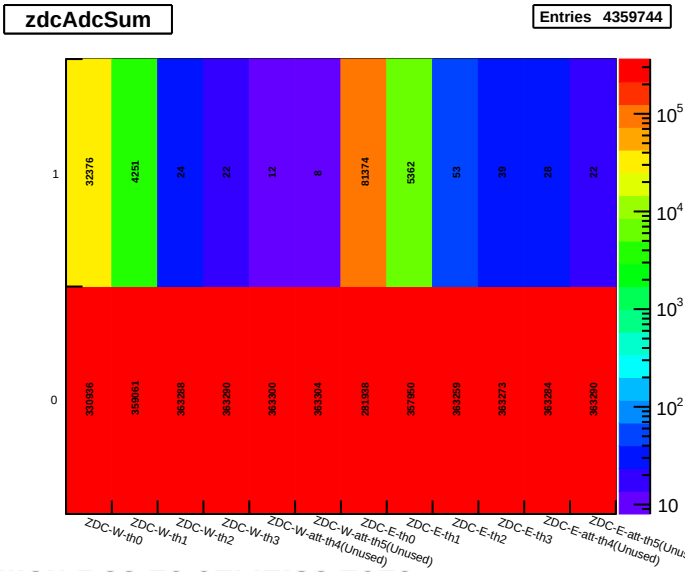

vpdWestTacMaxVsSimu
Entries 281965
Data
Simu

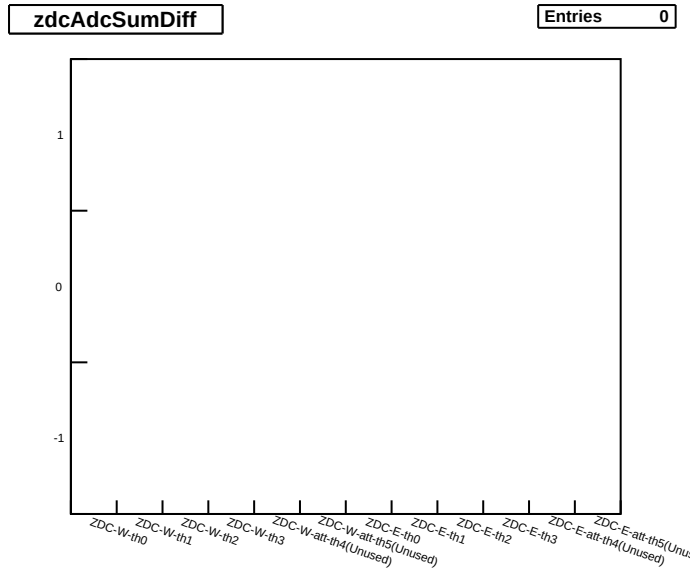

zdcEastTac
Entries 363312

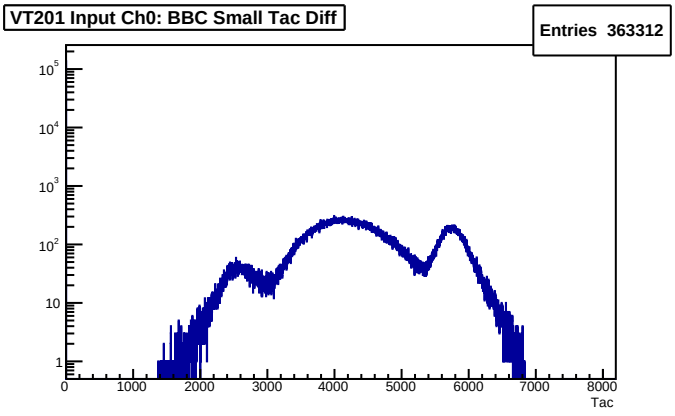

zdcEastTacVsSimu
Entries 1158
Data
Simu

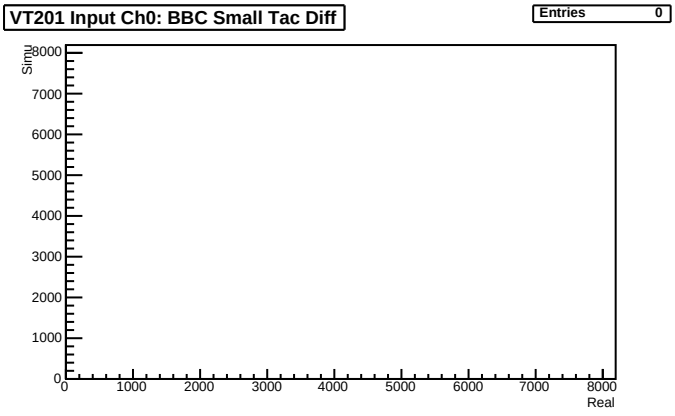

zdcWestTac
Entries 363312

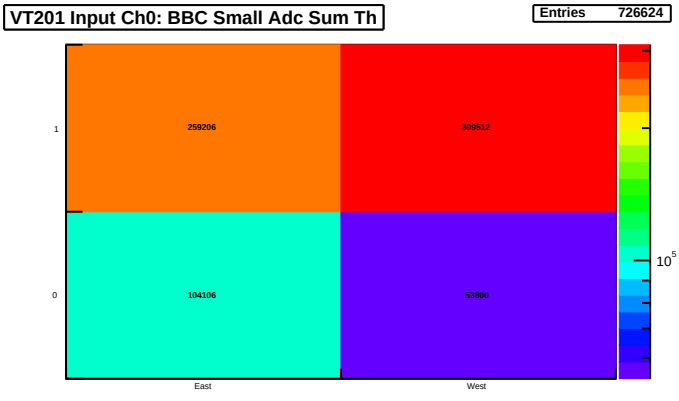

zdcWestTacVsSimu
Entries 2540
Data
Simu

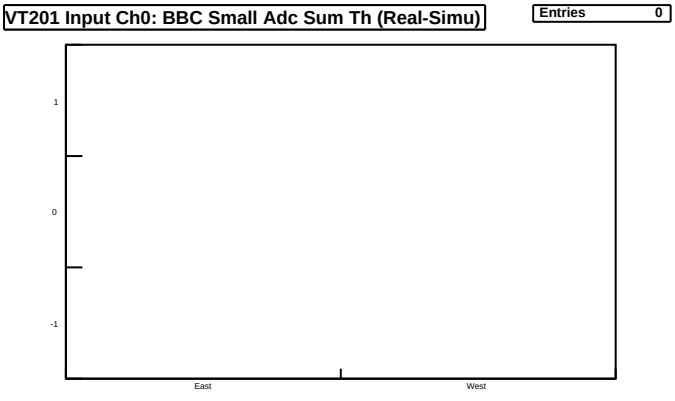

zdcAdcSum
Entries 4359744
32376
4251
24
22
12
8
81374
5362
53
39
28
22
320936
359061
363288
363290
363300
363304
281938
357890
363259
363273
363284
363290
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

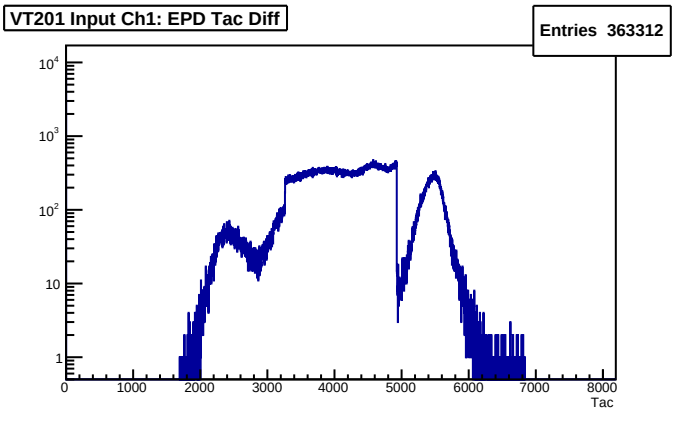

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

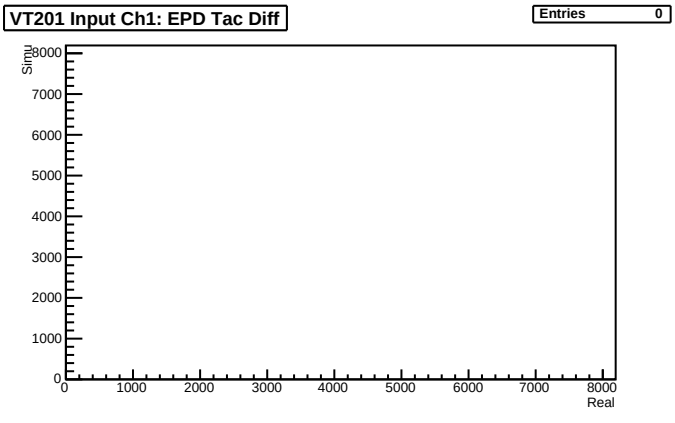

VT201 Input Ch0: BBC Small Tac Diff
Entries 363312
Tac

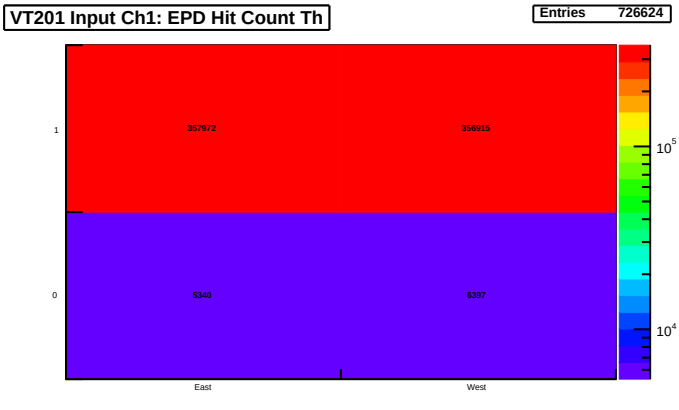

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

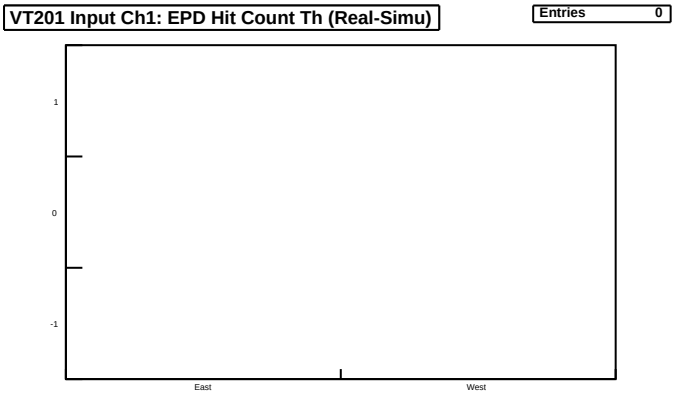

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 726624
259206
309512
104106
53800
East
West

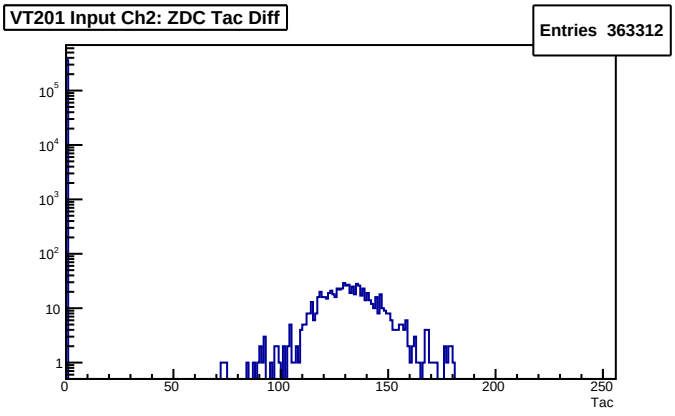

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

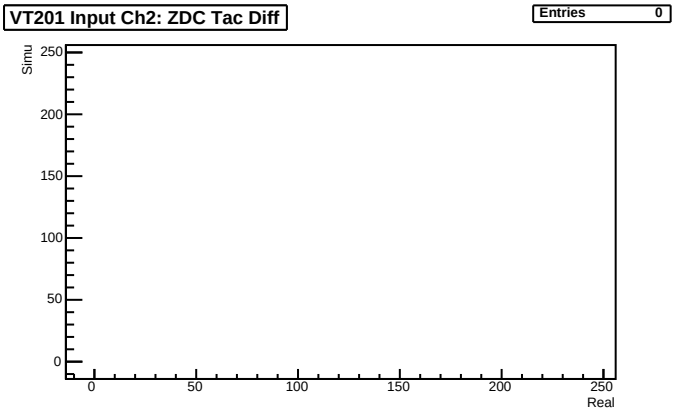

VT201 Input Ch1: EPD Tac Diff
Entries 363312
Tac

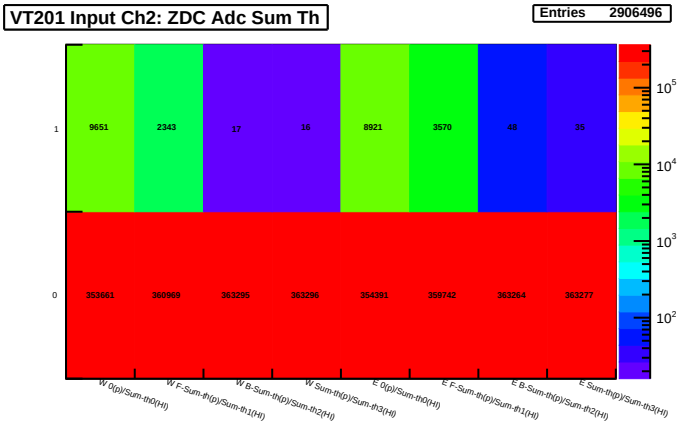

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

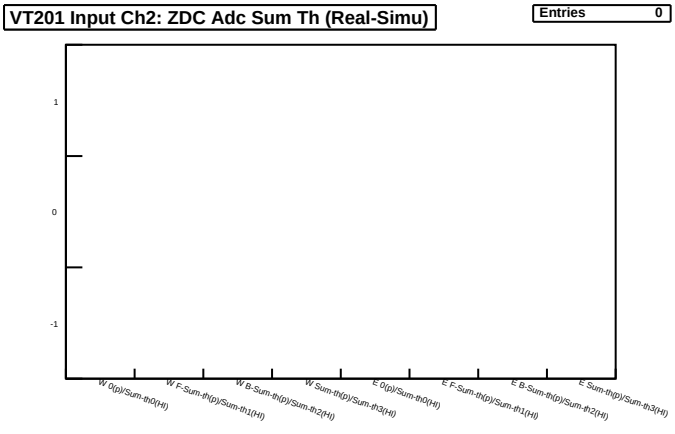

VT201 Input Ch1: EPD Hit Count Th
Entries 726624
357972
350915
5340
6397
East
West

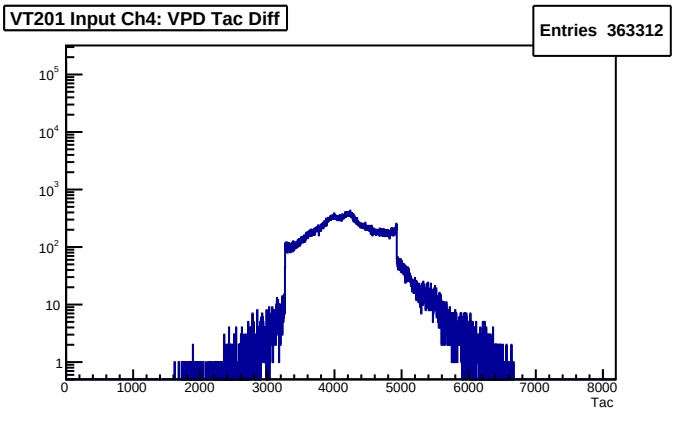

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

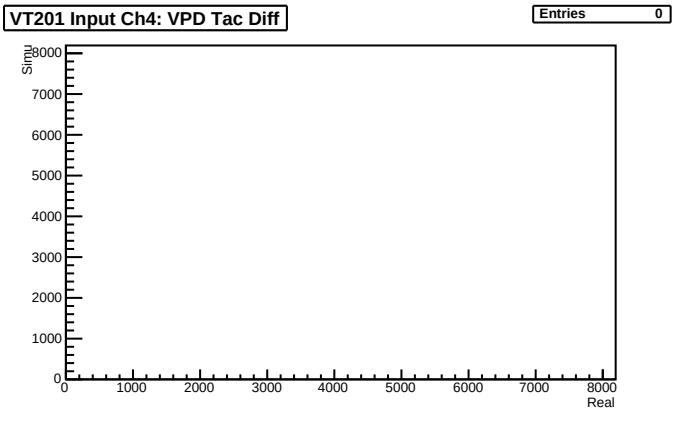

VT201 Input Ch2: ZDC Tac Diff
Entries 363312
Tac

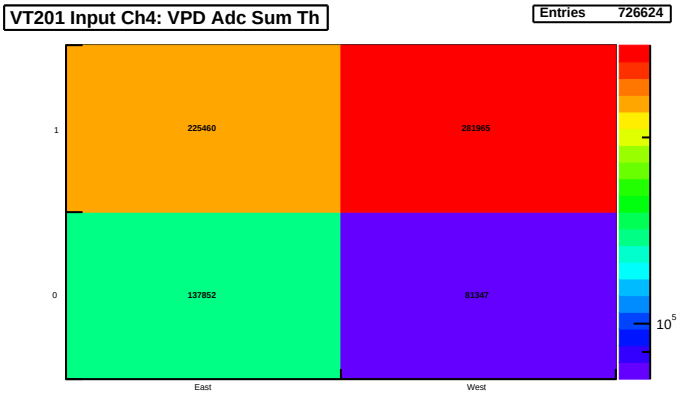

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

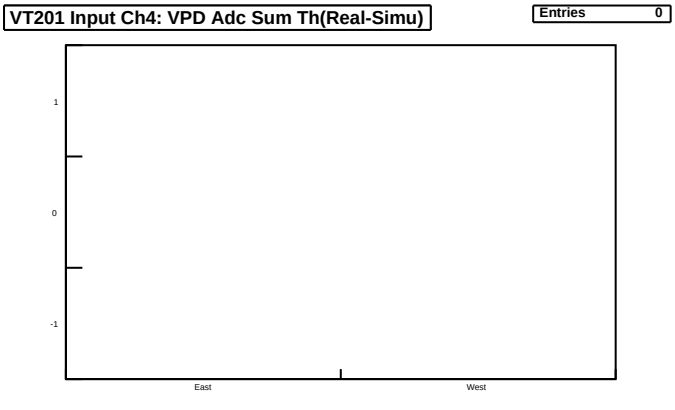

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2906496
9651
2343
17
16
8921
3570
48
35
353661
360969
363295
363296
354391
359742
363264
363277
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

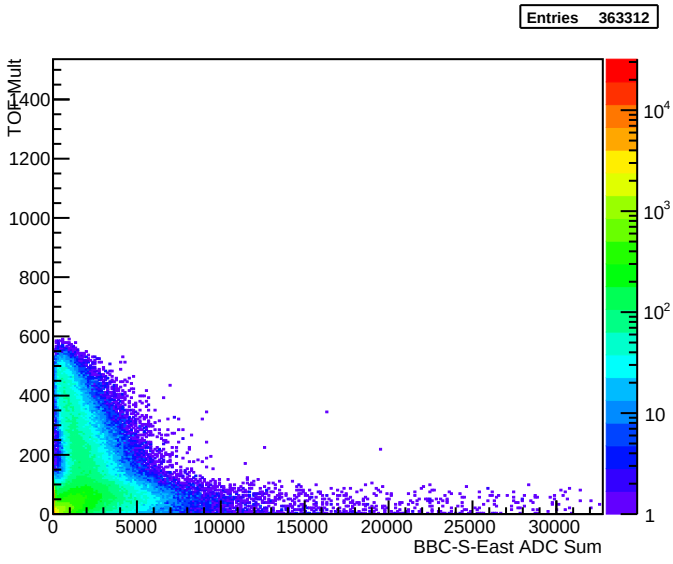

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

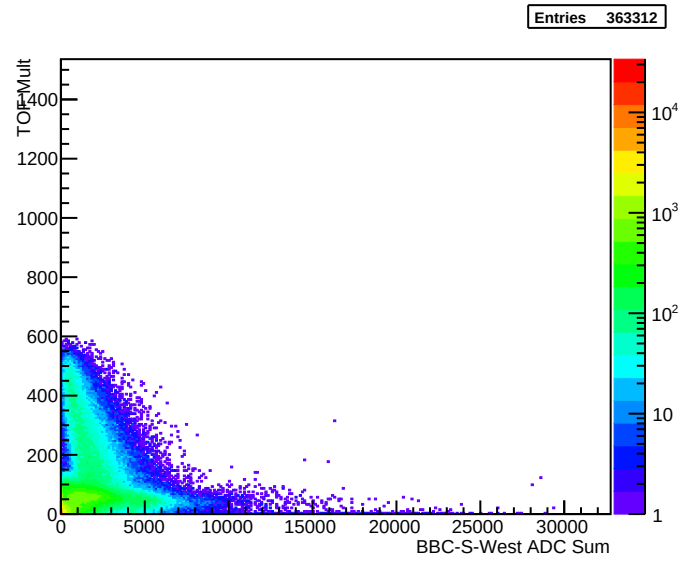

VT201 Input Ch4: VPD Tac Diff
Entries 363312
Tac

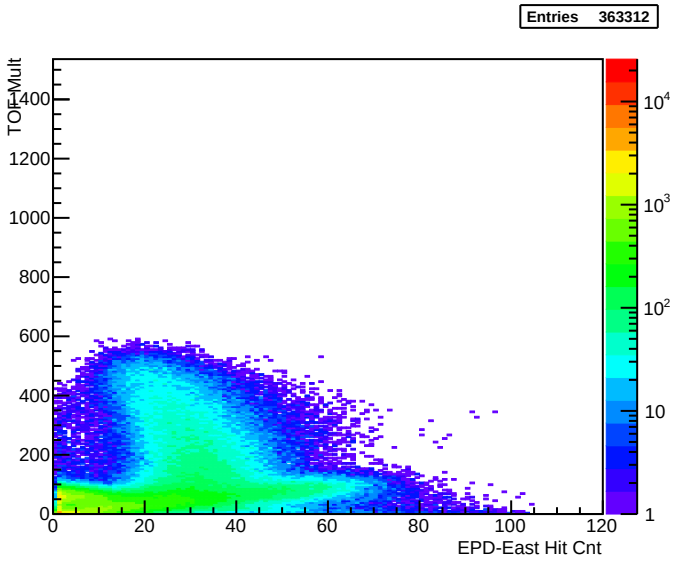

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

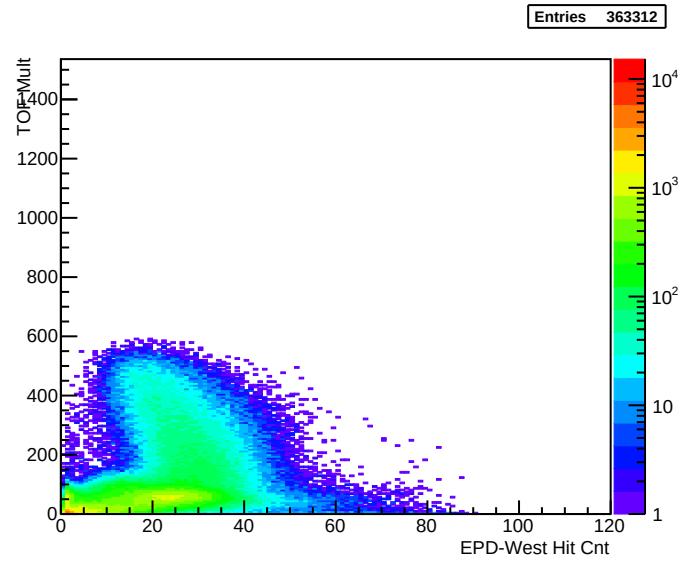

VT201 Input Ch4: VPD Adc Sum Th
Entries 726624
225460
281965
137852
81347
East
West

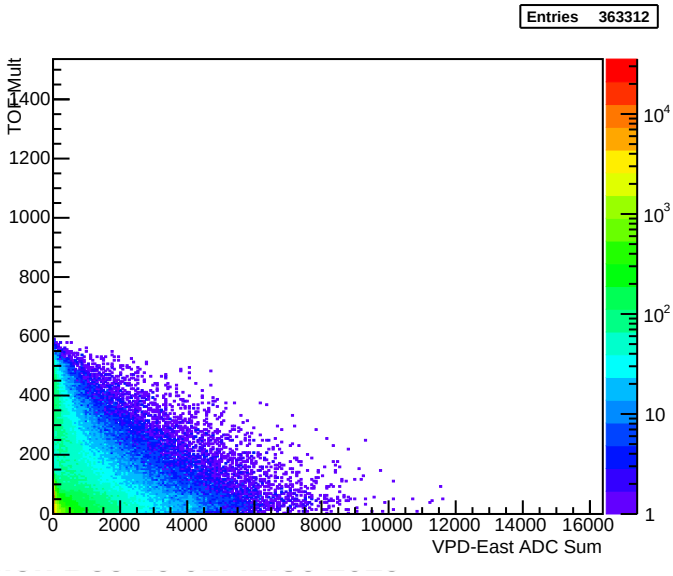

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

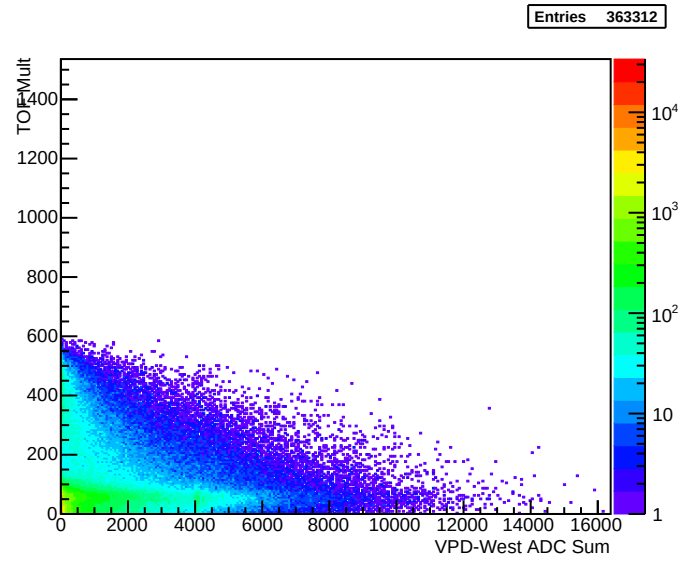

Entries 363312
TOF-Mult
BBC-S-East ADC Sum

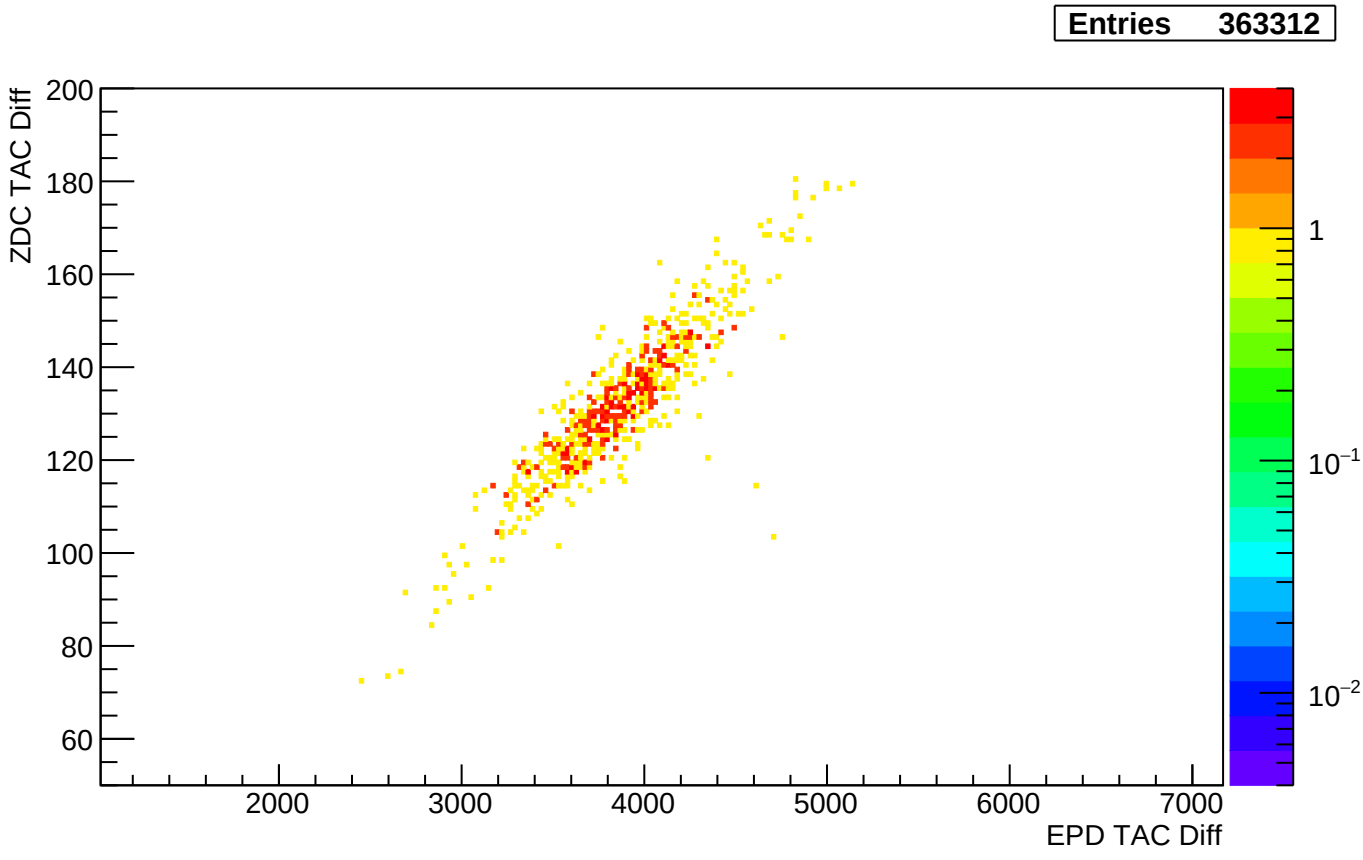

Entries 363312
TOF-Mult
BBC-S-West ADC Sum

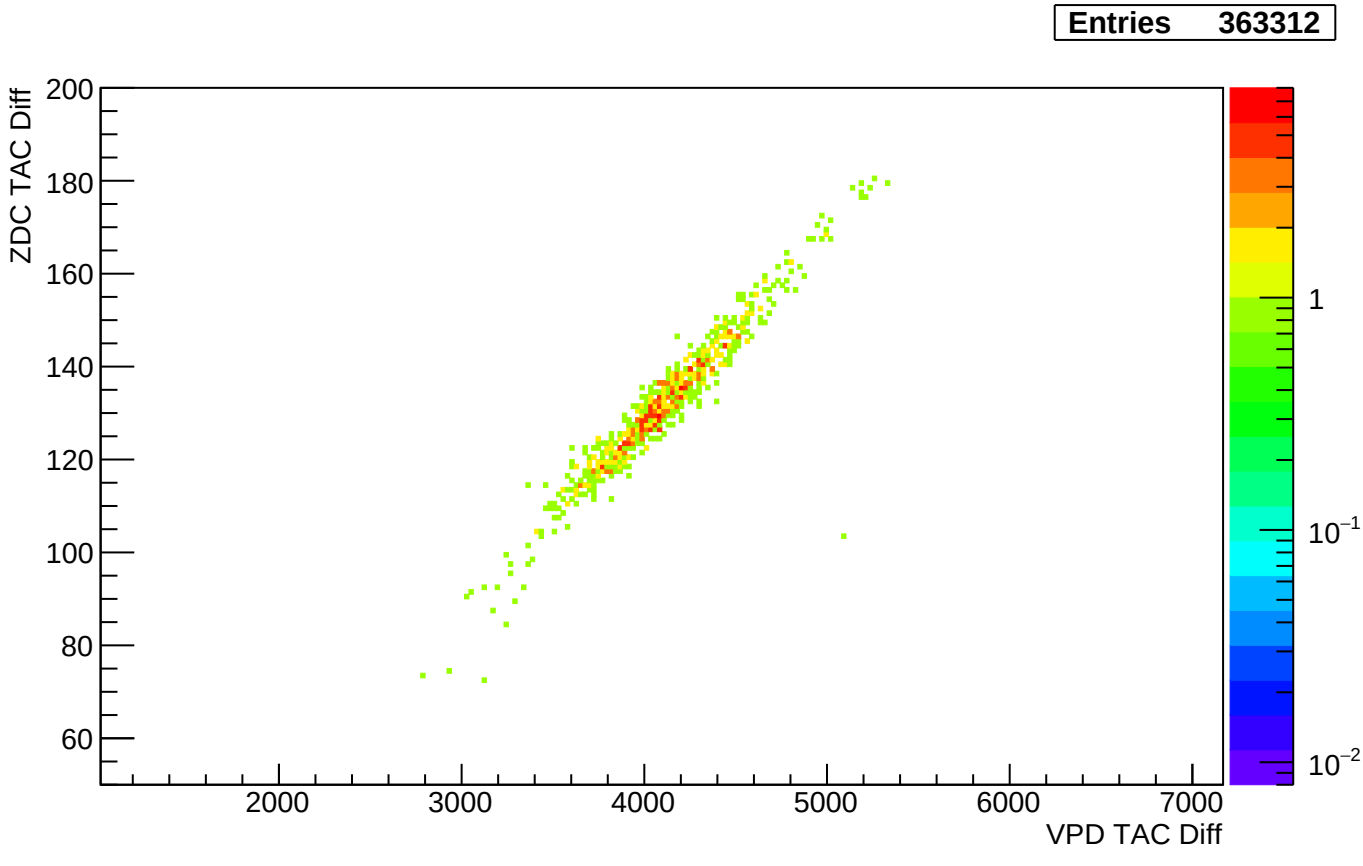

Entries 363312
TOF-Mult
EPD-East Hit Cnt

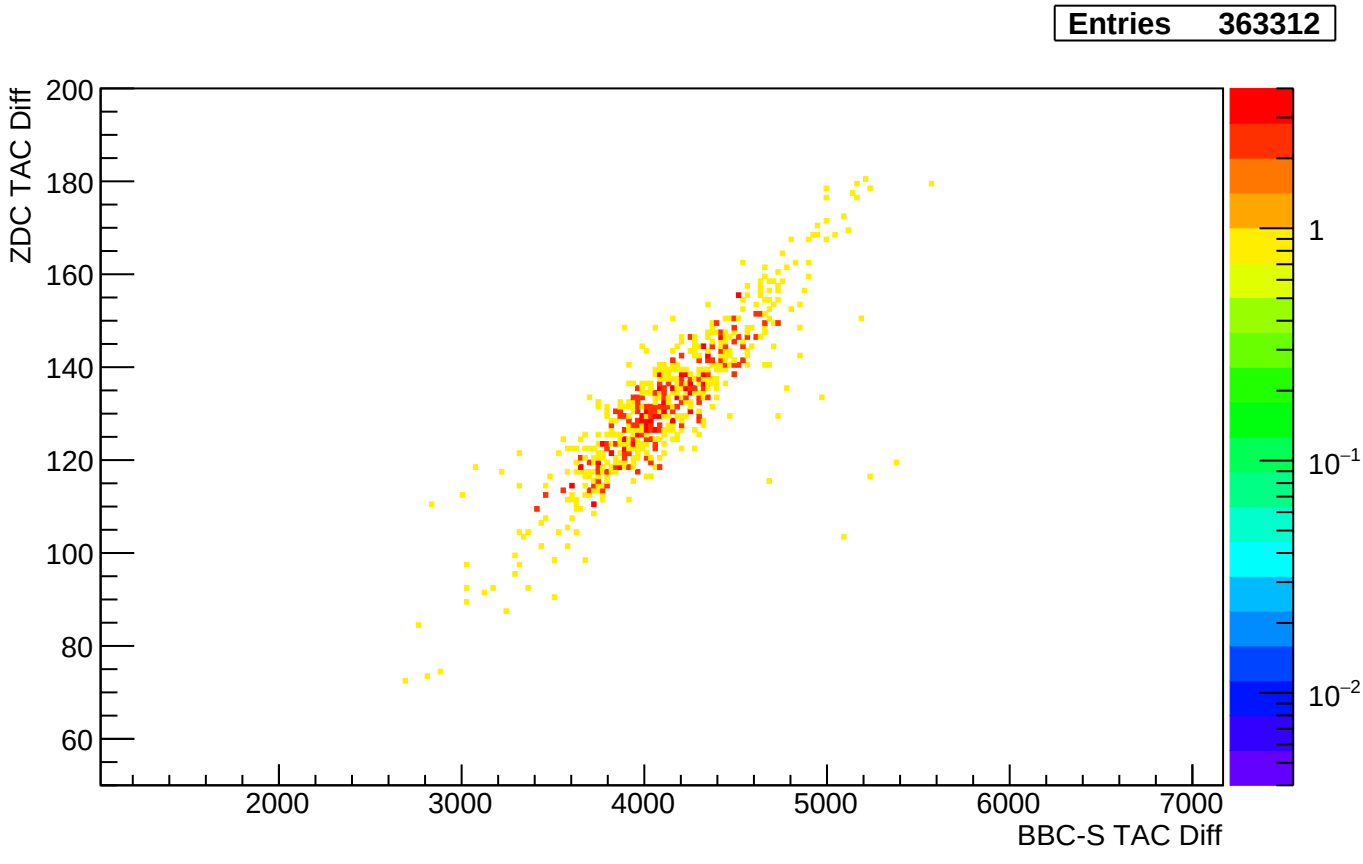

Entries 363312
TOF-Mult
EPD-West Hit Cnt

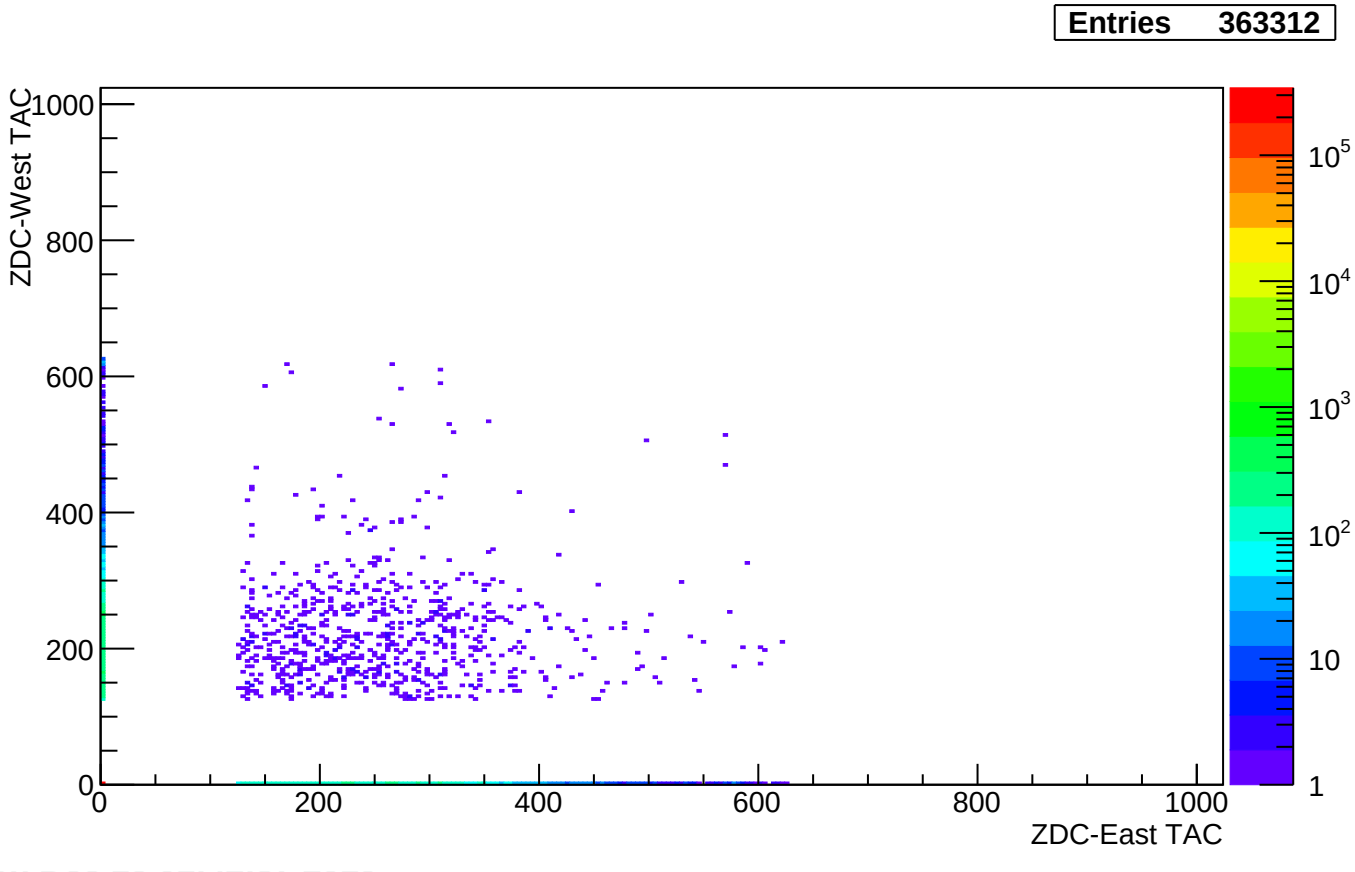

Entries 363312
TOF-Mult
VPD-East ADC Sum

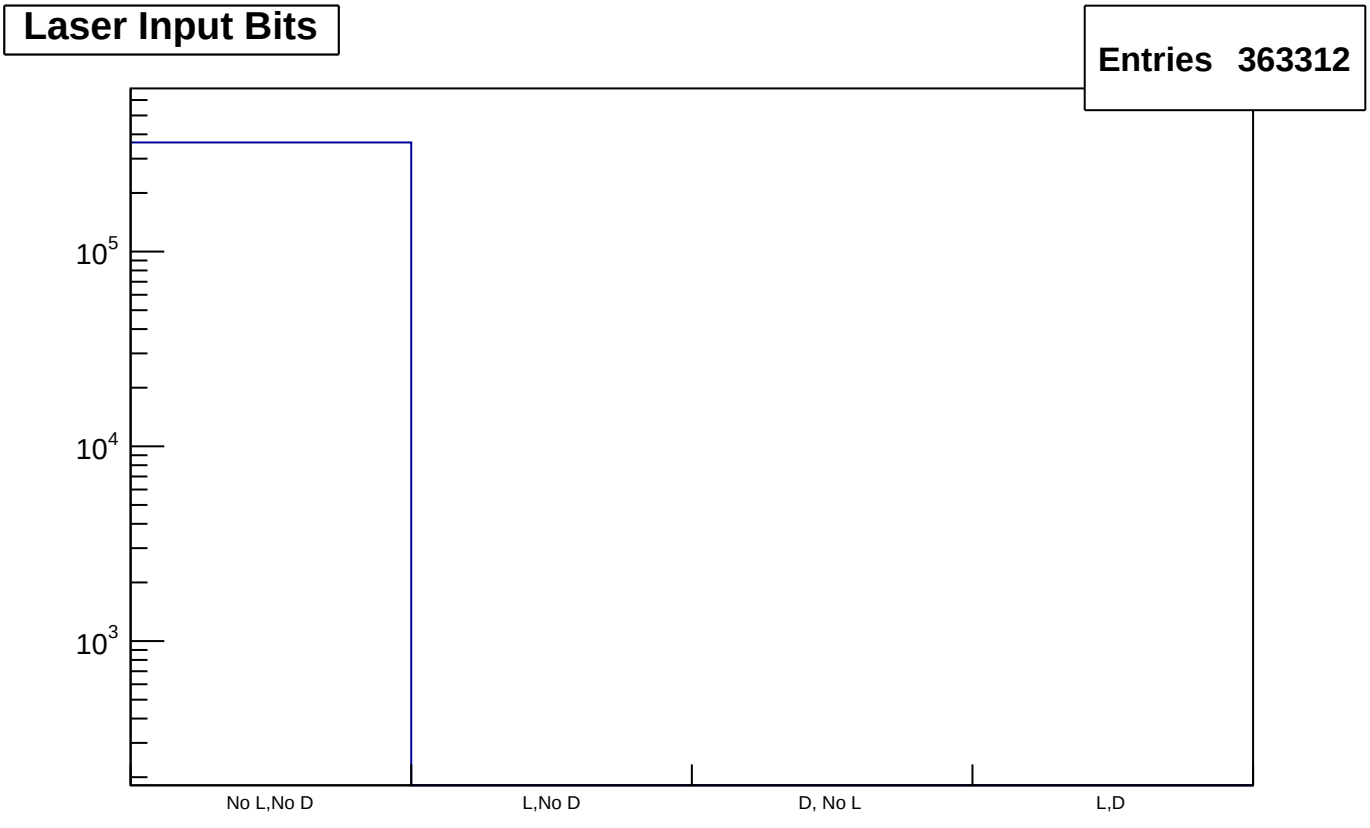

Entries 363312
TOF-Mult
VPD-West ADC Sum

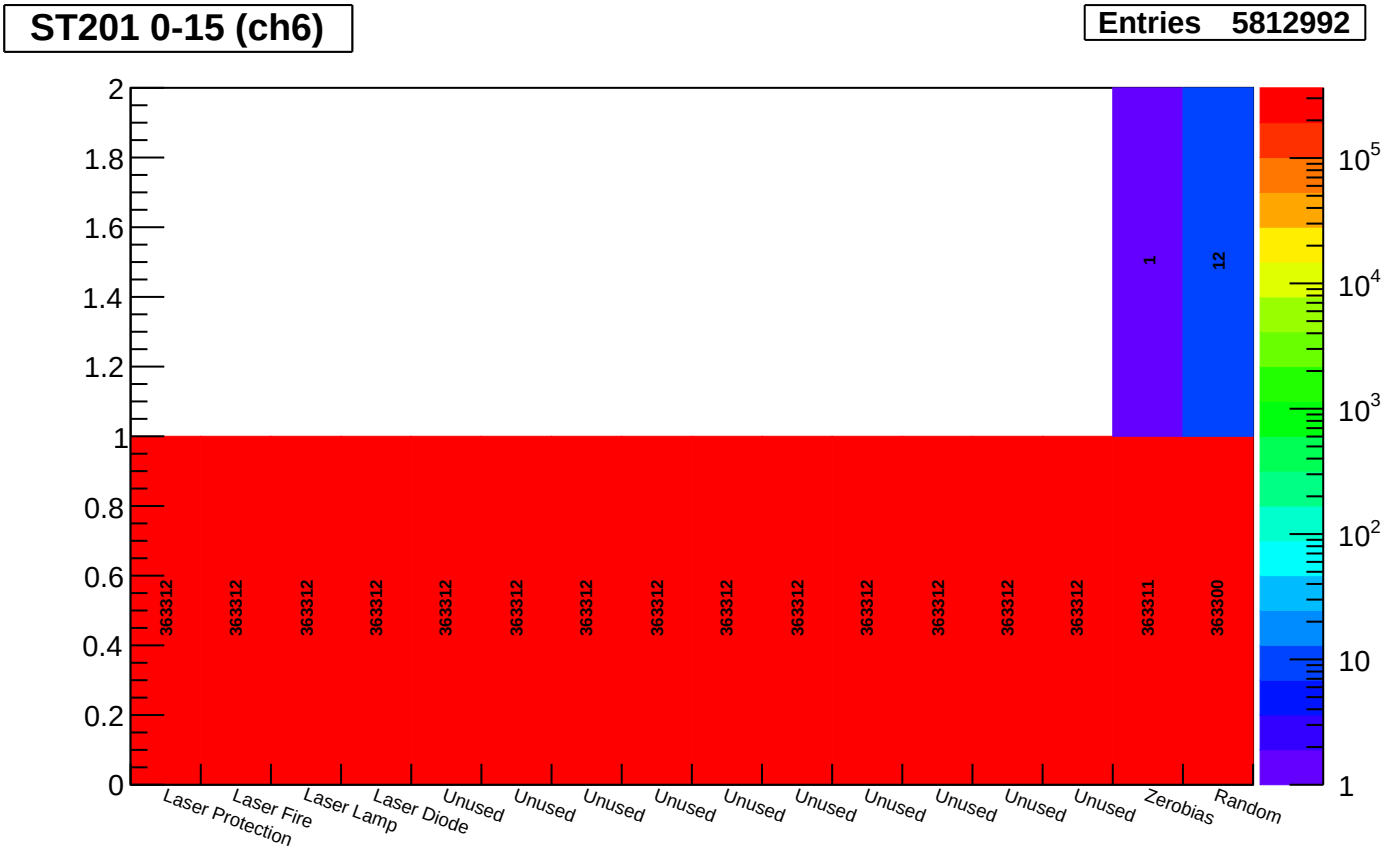

Entries 363312
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

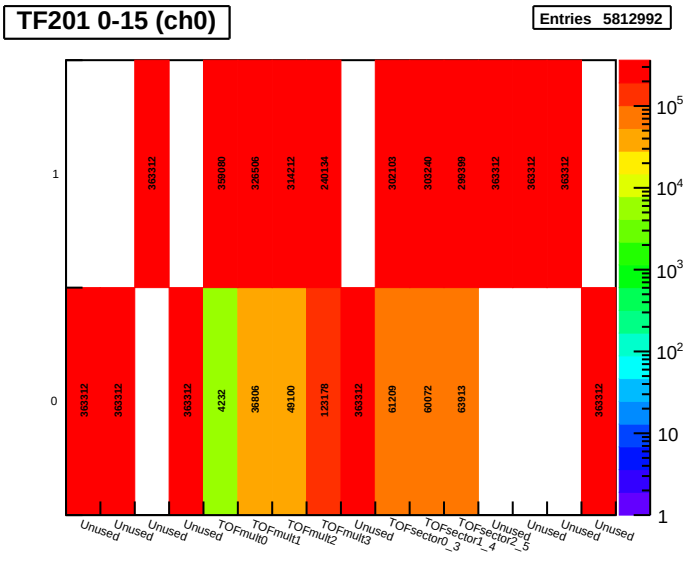

Entries 363312
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

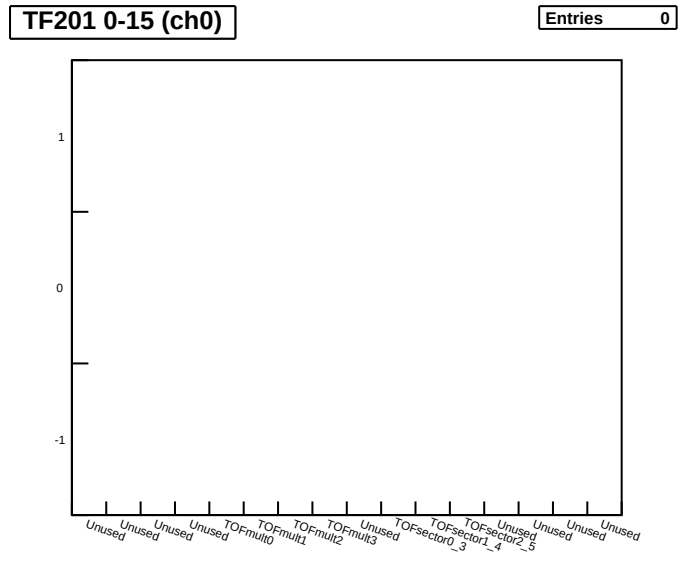

Entries 363312
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

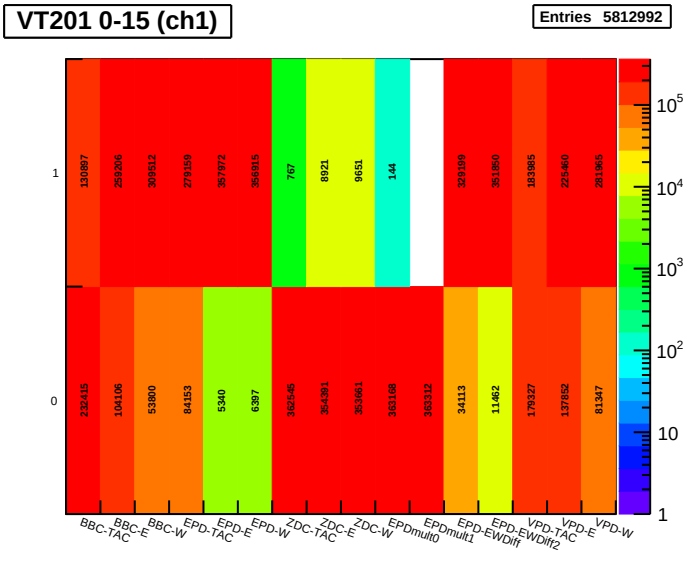

Entries 363312
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

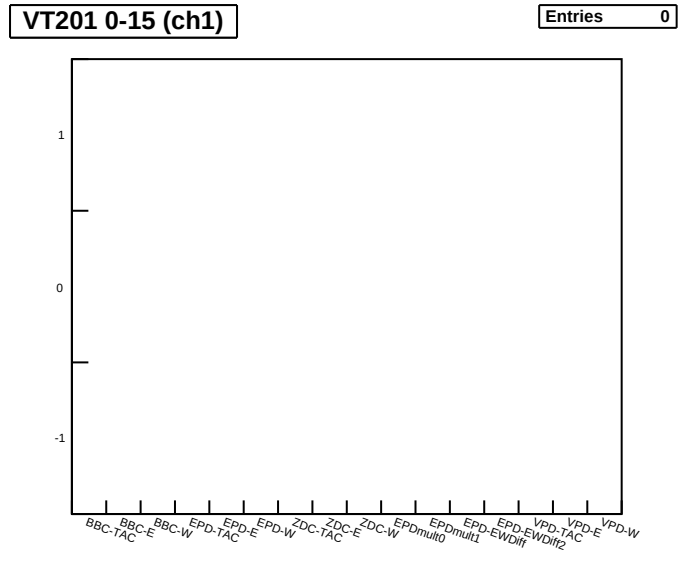

Laser Input Bits
Entries 363312
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

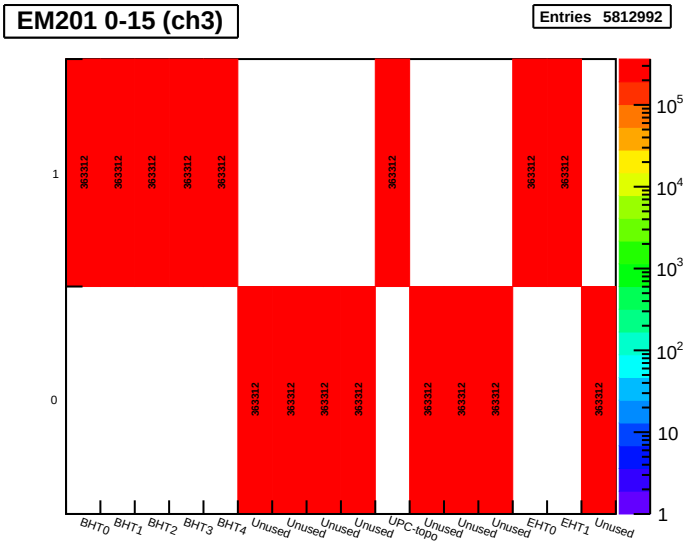

ST201 0-15 (ch6)
Entries 5812992
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363311
363300
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

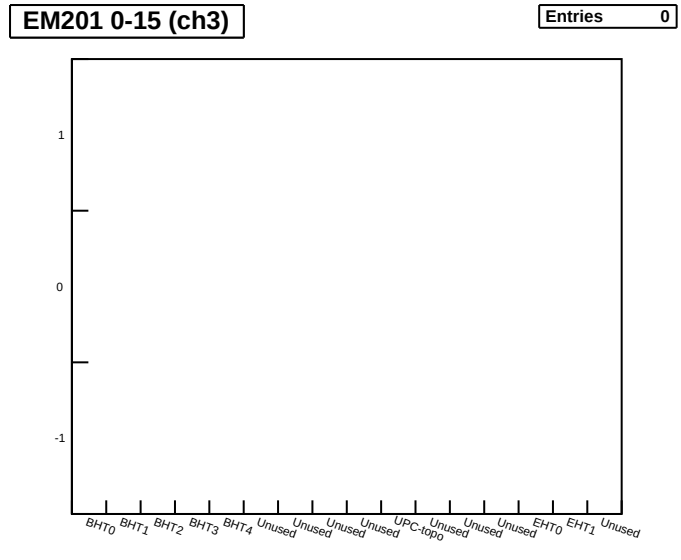

TF201 0-15 (ch0)
Entries 5812992
1
0
363312
363312
363312
363312
4232
36806
49100
123178
363312
61209
60072
63913
363312
363312
363312
363312
363312
363312
363312
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
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


VT201 0-15 (ch1)
Entries 5812992
1
0
130897
259206
309512
279159
357972
356915
767
8921
9651
144
329199
351850
183985
225460
281965
232415
104106
53800
84153
5340
6397
362545
354391
353661
363168
363312
34113
11462
179327
137852
81347
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 5812992
1
0
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
363312
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