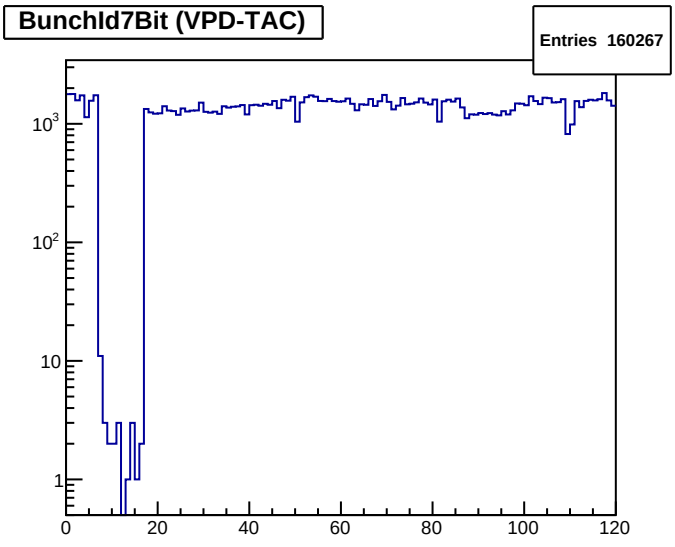
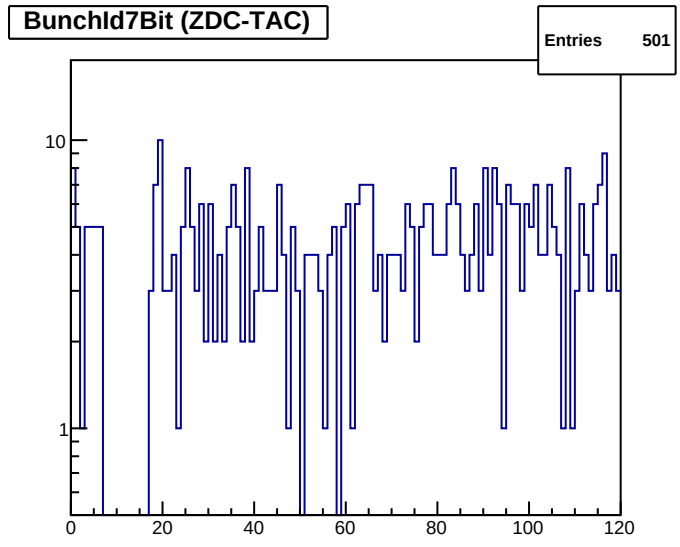
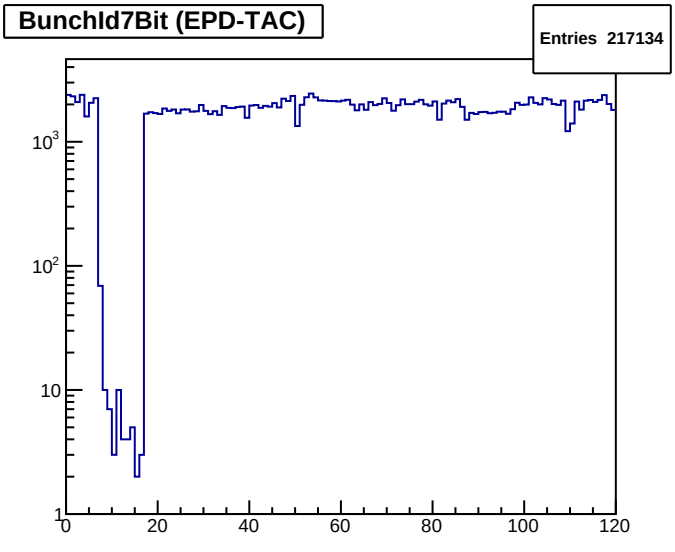
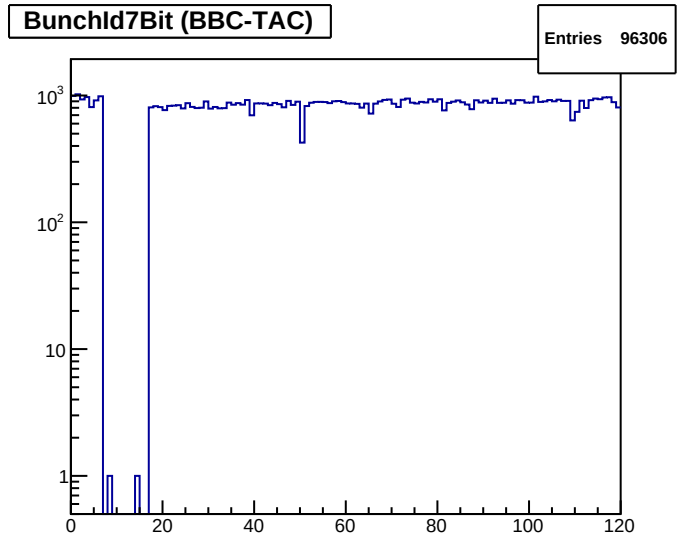
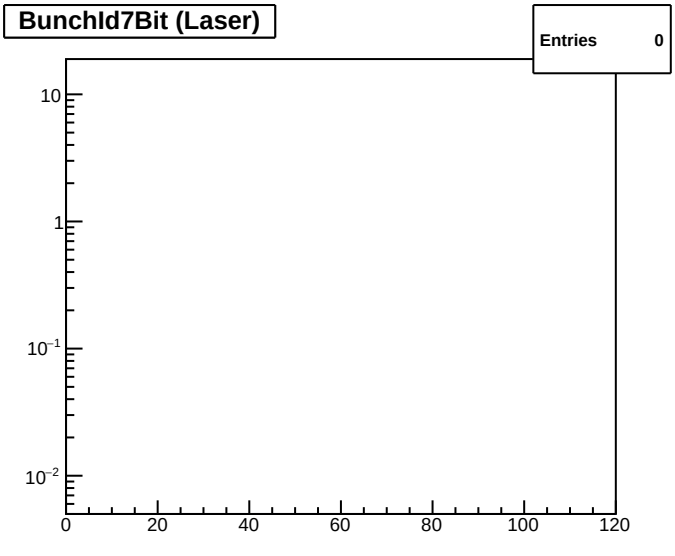
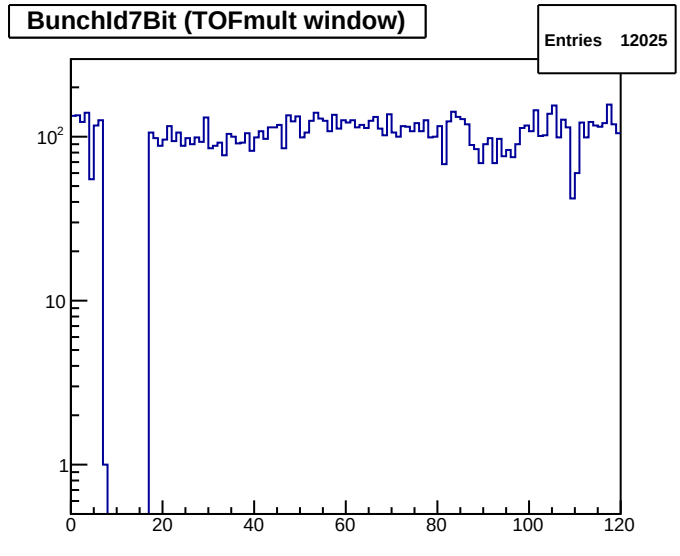

BunchId7Bit (VPD-TAC)
Entries 160267

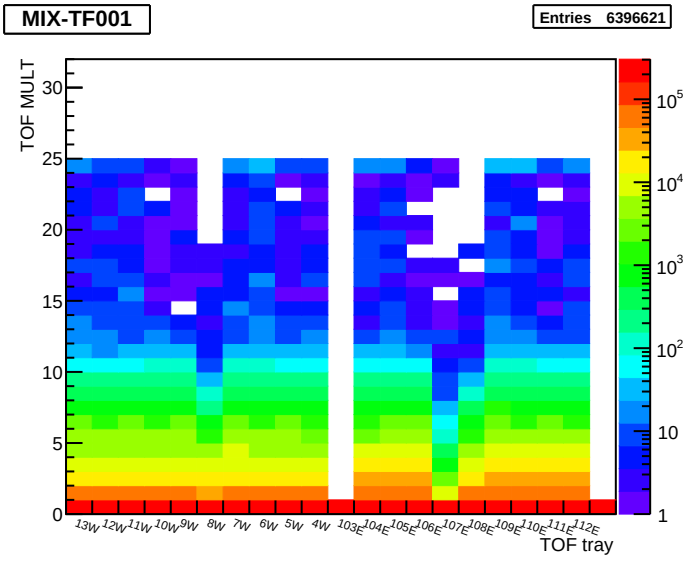

BunchId7Bit (ZDC-TAC)
Entries 501

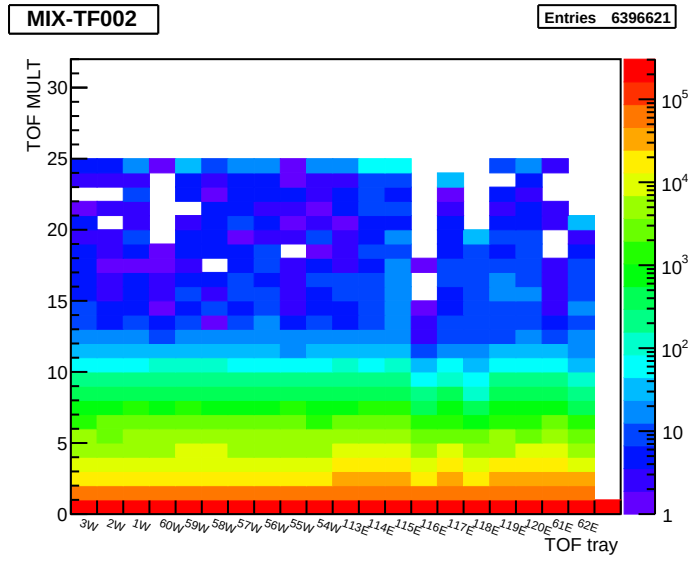

BunchId7Bit (EPD-TAC)
Entries 217134

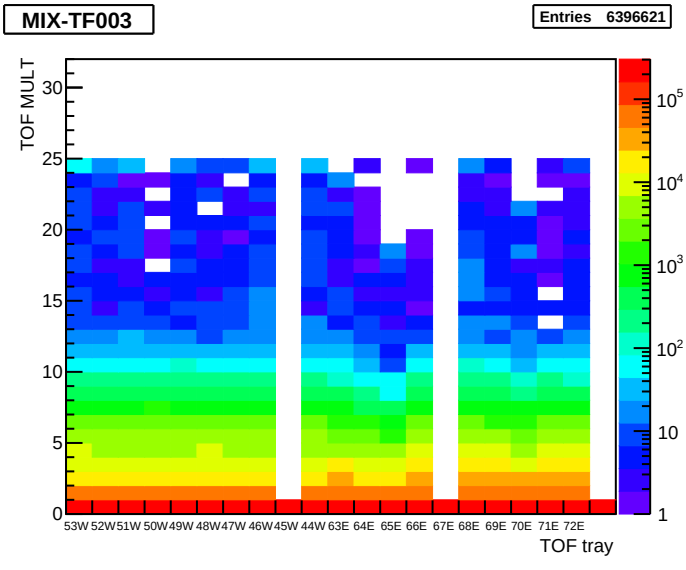

BunchId7Bit (BBC-TAC)
Entries 96306

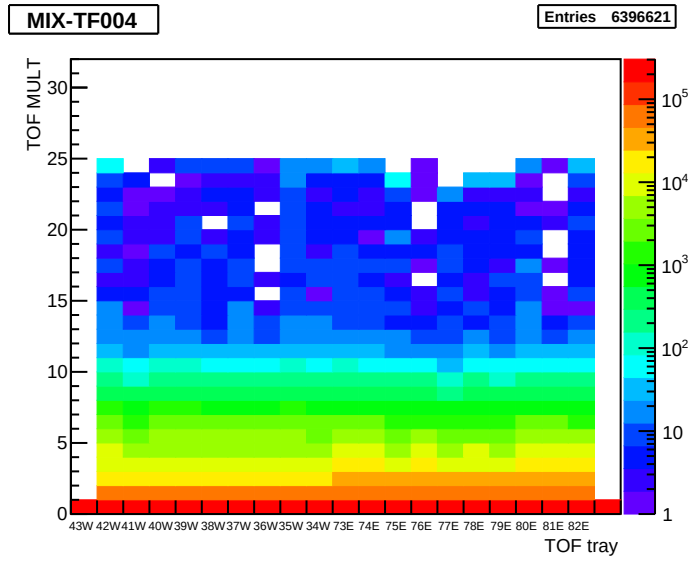

BunchId7Bit (Laser)
Entries 0

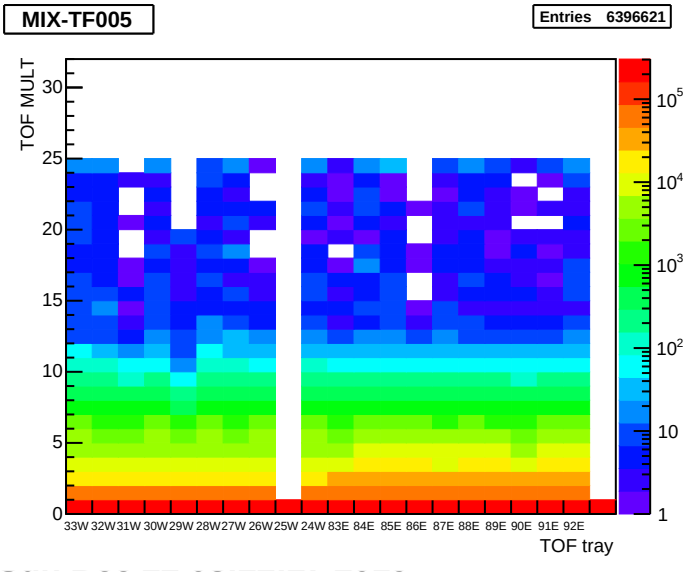

BunchId7Bit (TOFmult window)
Entries 12025

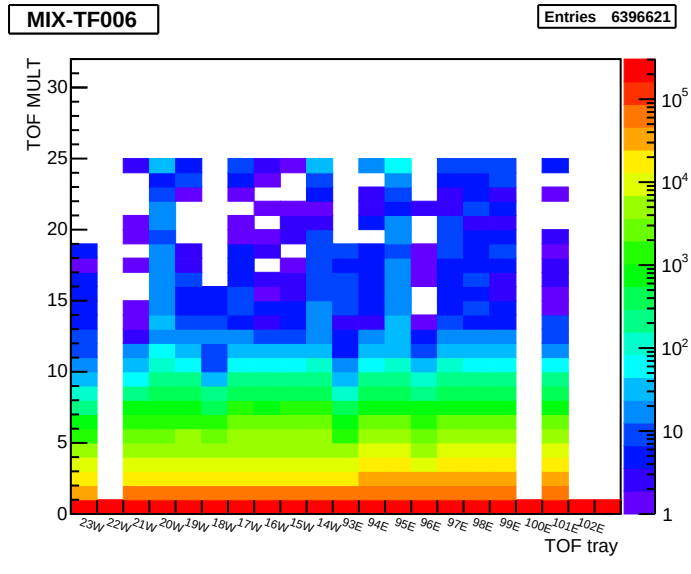

MIX-TF001
Entries 6396621
TOF MULT
TOF tray

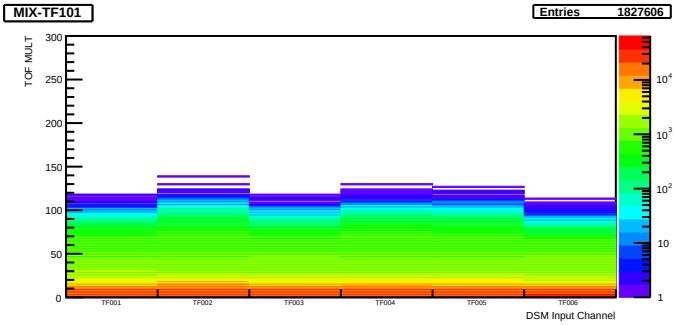

MIX-TF002
Entries 6396621
TOF MULT
TOF tray

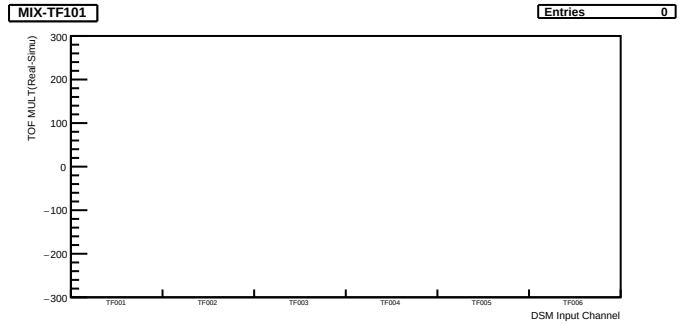

MIX-TF003
Entries 6396621
TOF MULT
TOF tray

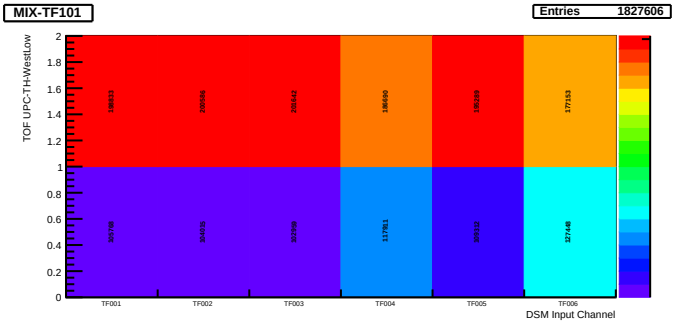

MIX-TF004
Entries 6396621
TOF MULT
TOF tray

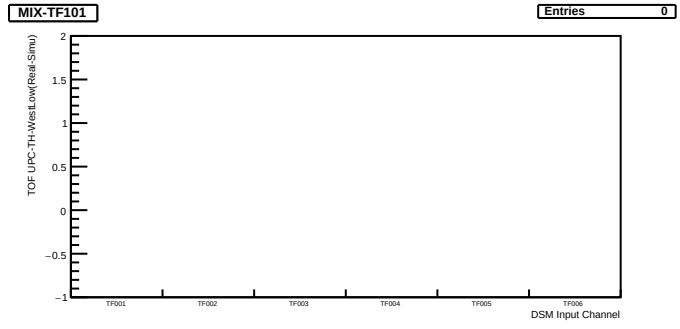

MIX-TF005
Entries 6396621
TOF MULT
TOF tray

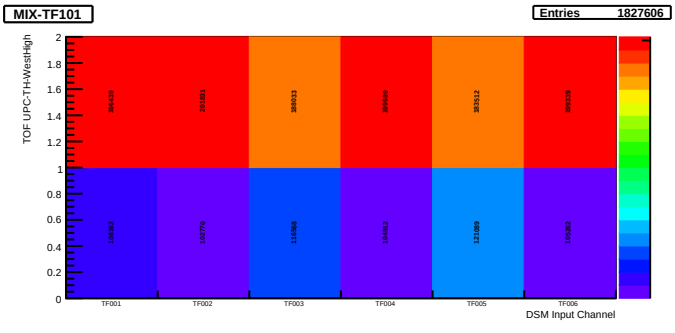

MIX-TF006
Entries 6396621
TOF MULT
TOF tray

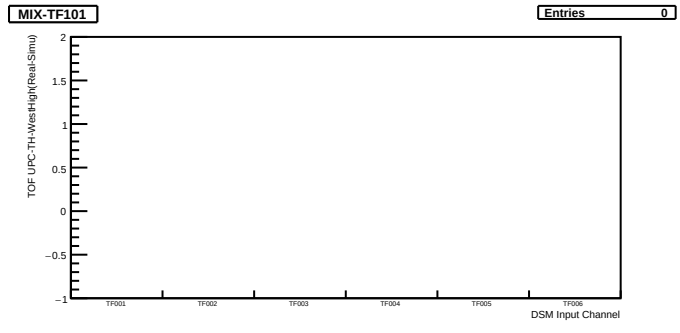

MIX-TF101
Entries 1827606
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

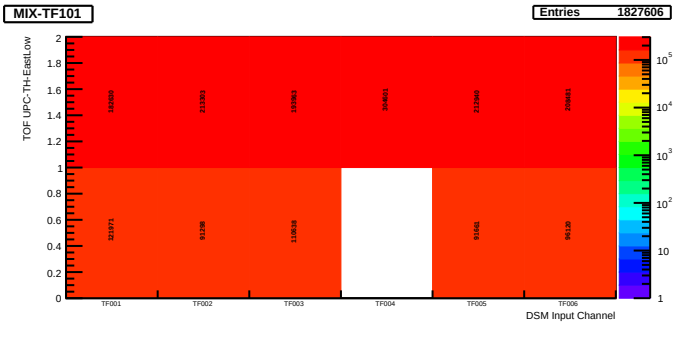

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

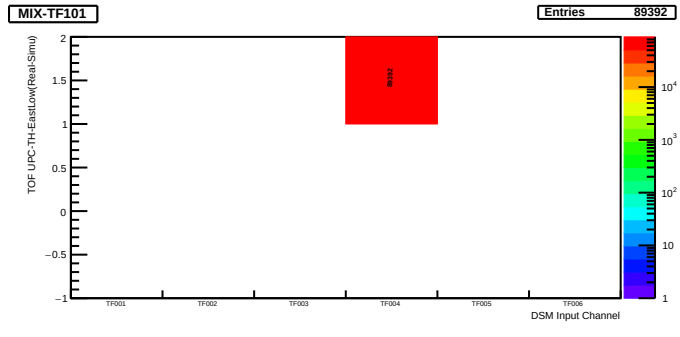

MIX-TF101
Entries 1827606
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

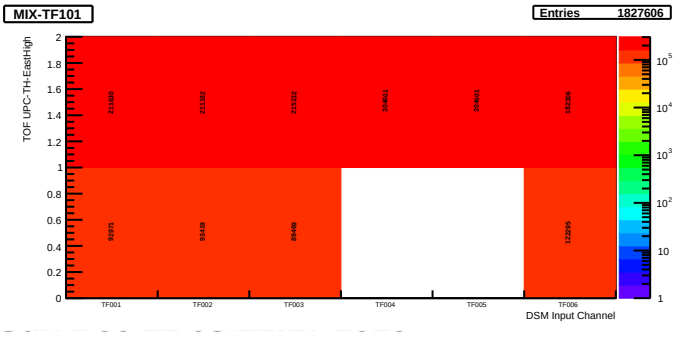

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

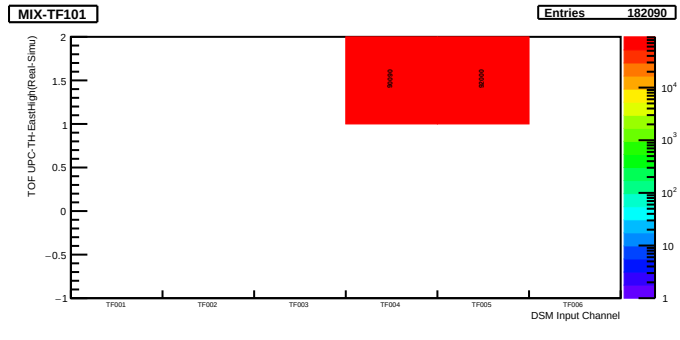

MIX-TF101
Entries 1827606
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

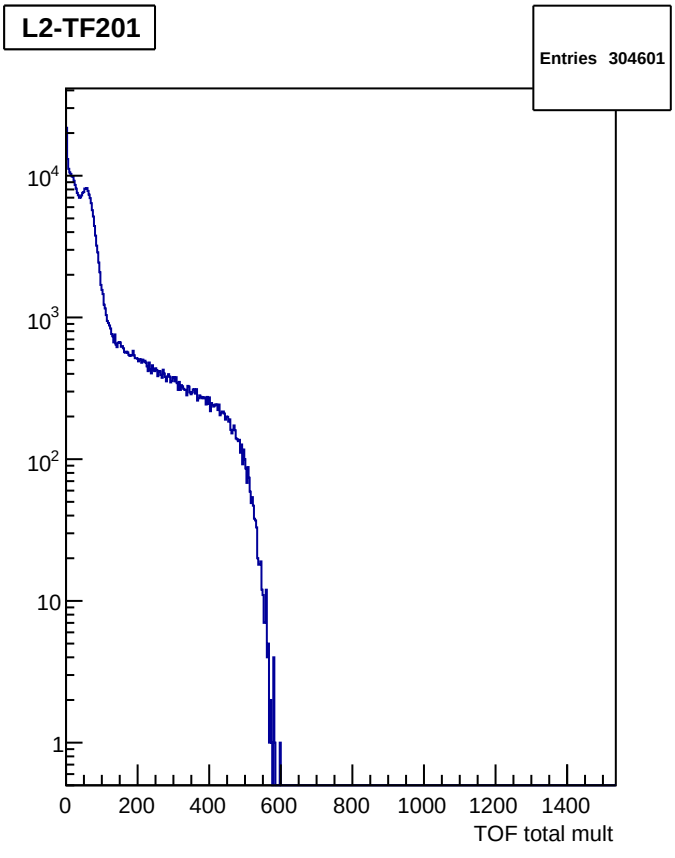

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

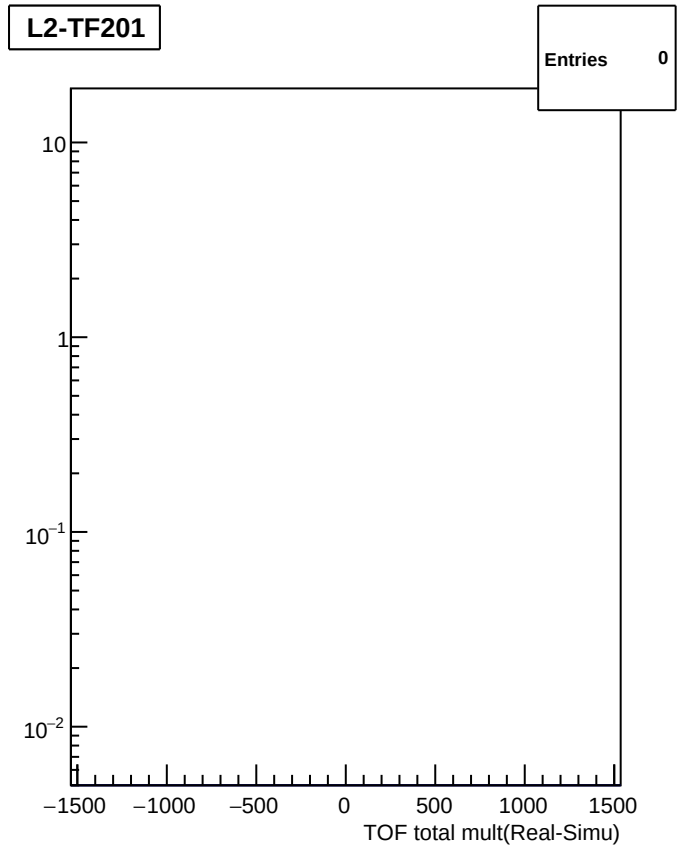

MIX-TF101
Entries 1827606
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

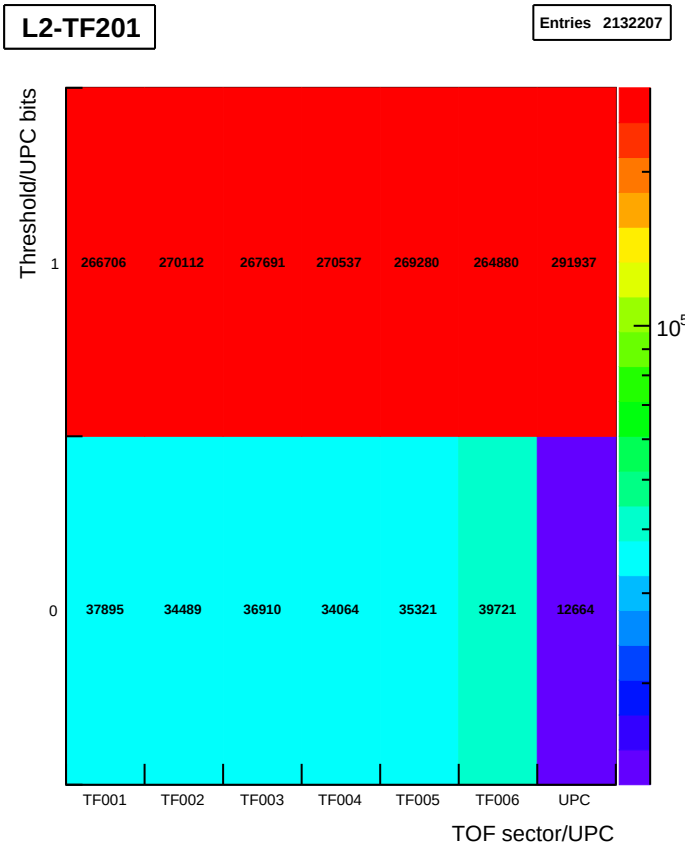

MIX-TF101
Entries 89392
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

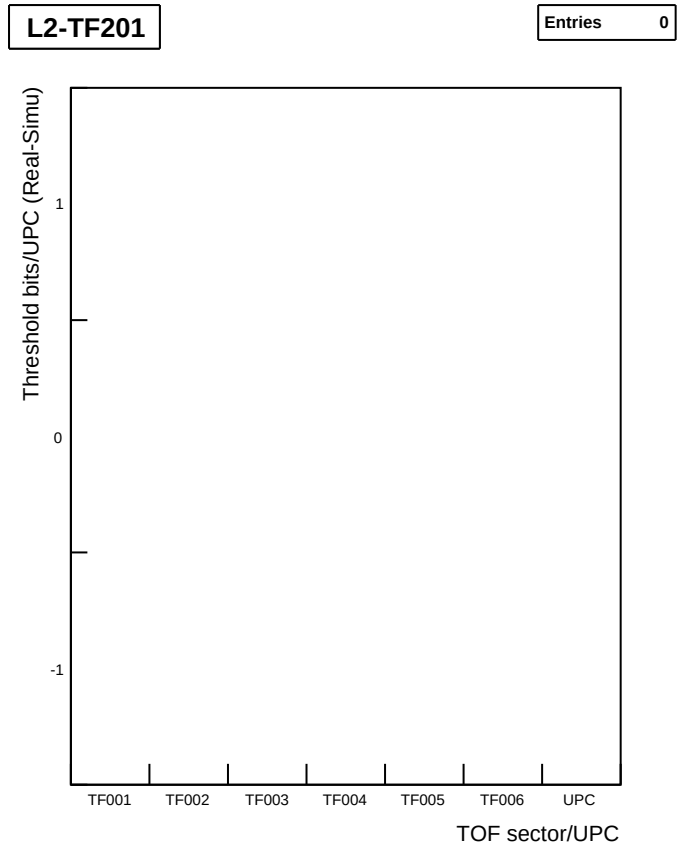

MIX-TF101
Entries 1827606
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

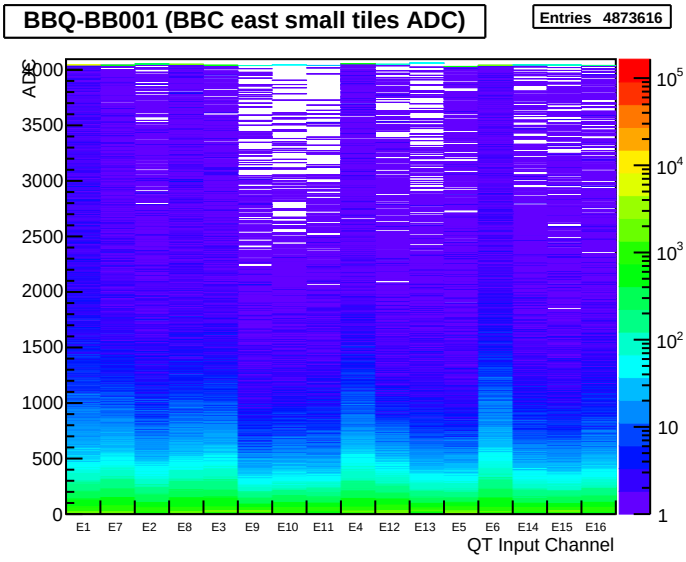

MIX-TF101
Entries 182090
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

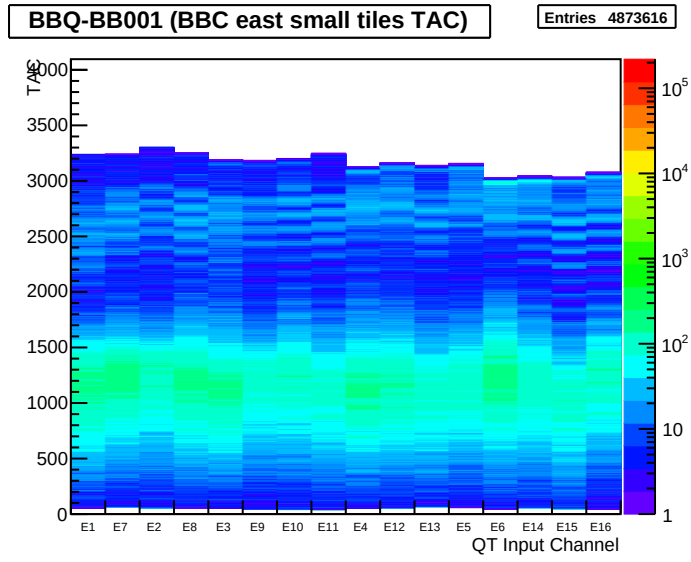

L2-TF201
Entries 304601
TOF total mult

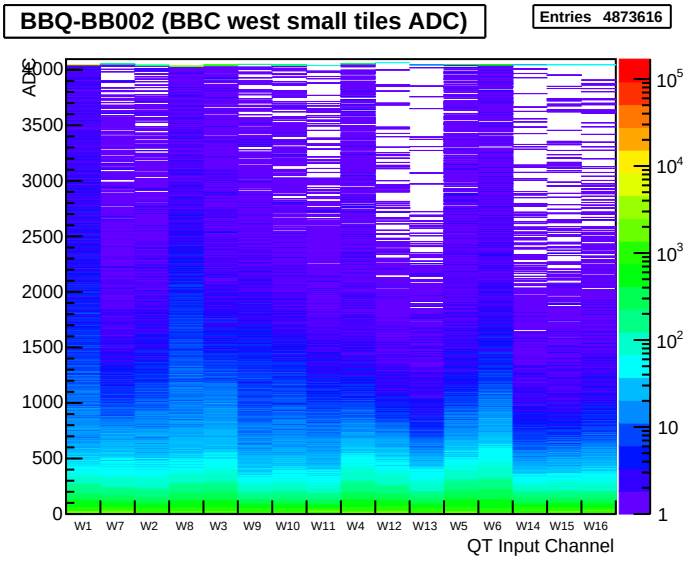

L2-TF201
Entries 0
TOF total mult(Real-Simu)

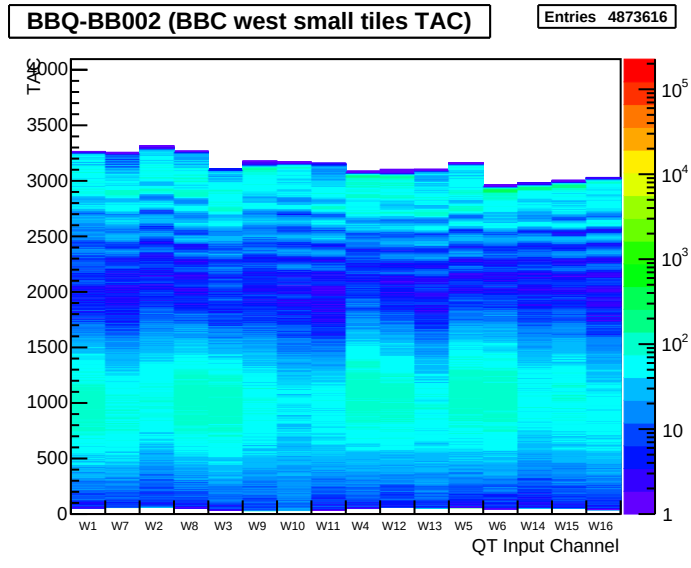

L2-TF201
Entries 2132207
Threshold/UPC bits
266706 270112 267691 270537 269280 264880 291937
37895 34489 36910 34064 35321 39721 12664
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

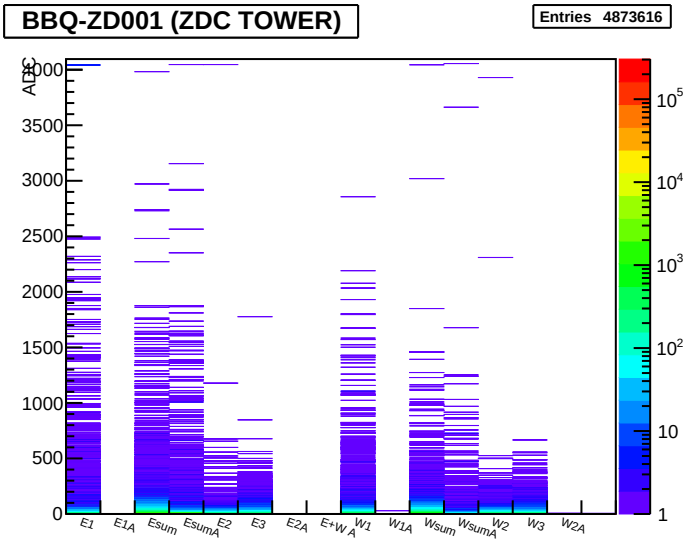

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

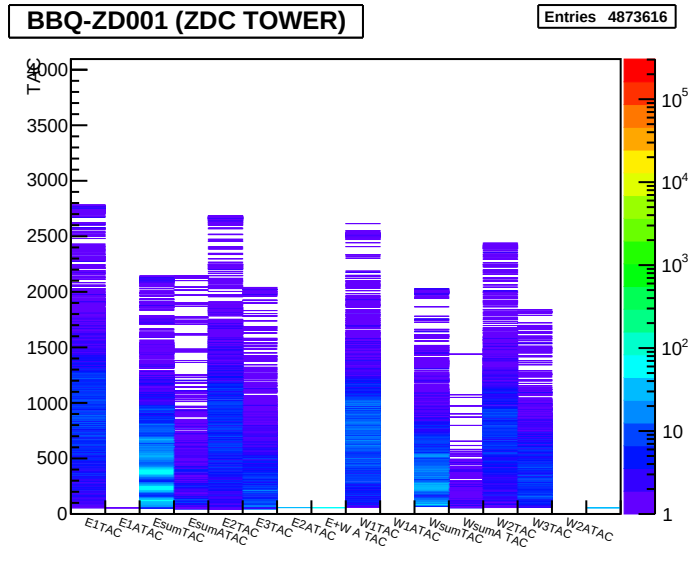

BBQ-BB001 (BBC east small tiles ADC)
Entries 4873616
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

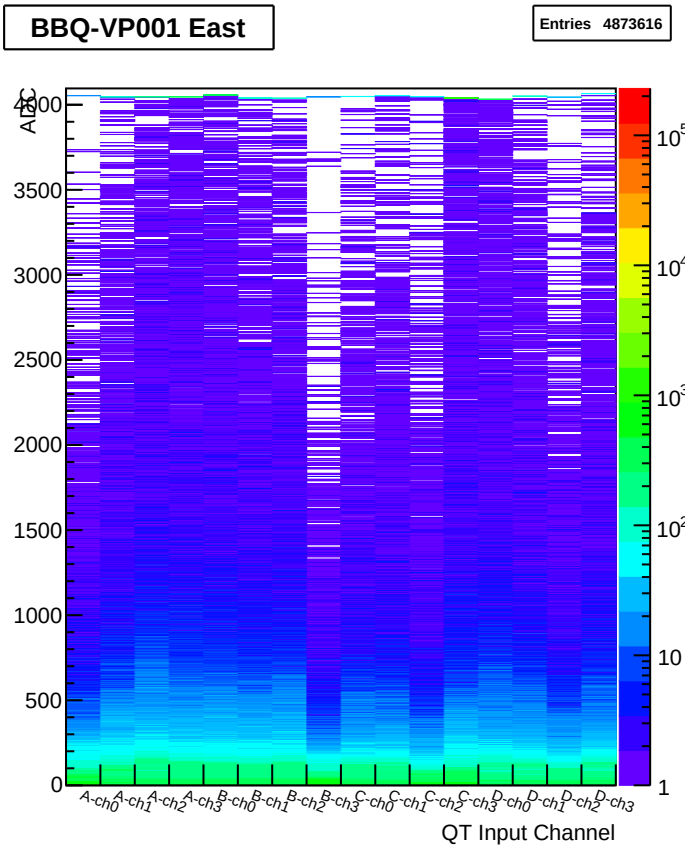

BBQ-BB001 (BBC east small tiles TAC)
Entries 4873616
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

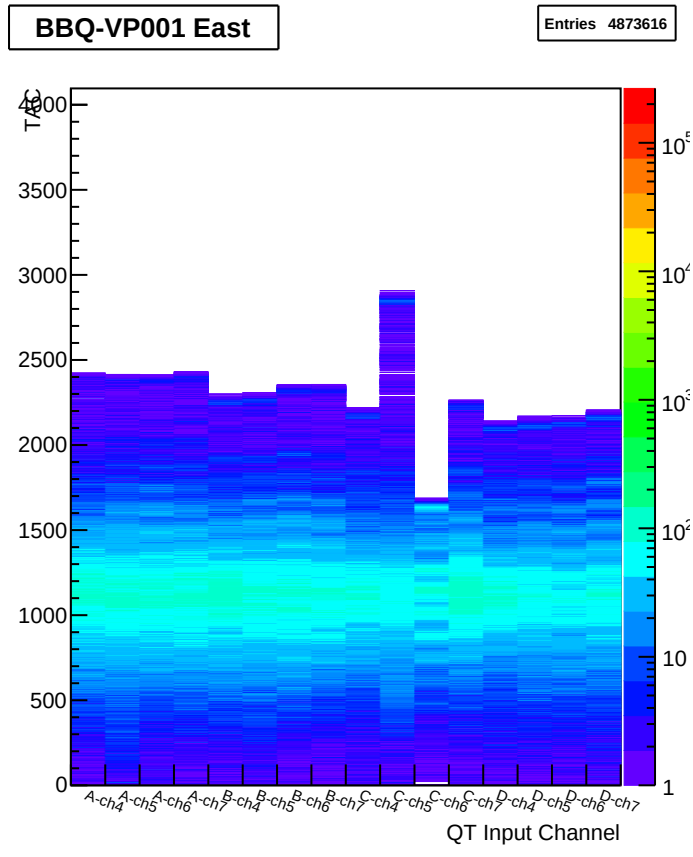

BBQ-BB002 (BBC west small tiles ADC)
Entries 4873616
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

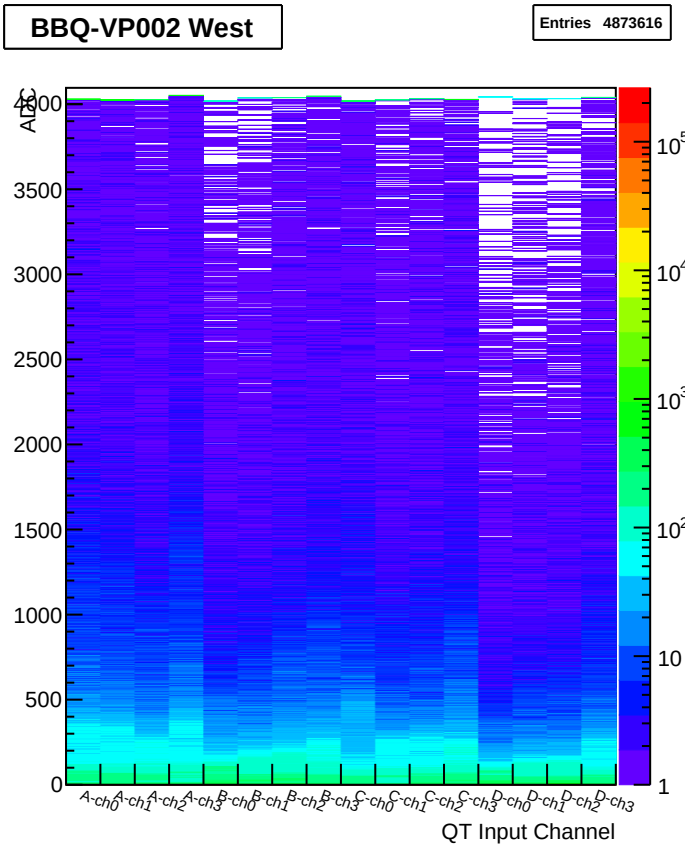

BBQ-BB002 (BBC west small tiles TAC)
Entries 4873616
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

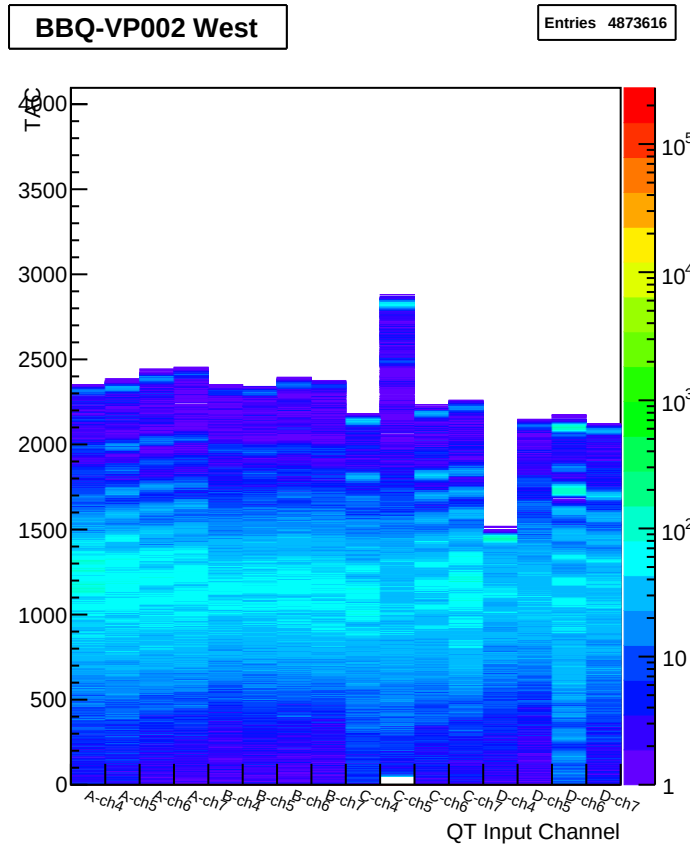

BBQ-ZD001 (ZDC TOWER)
Entries 4873616
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

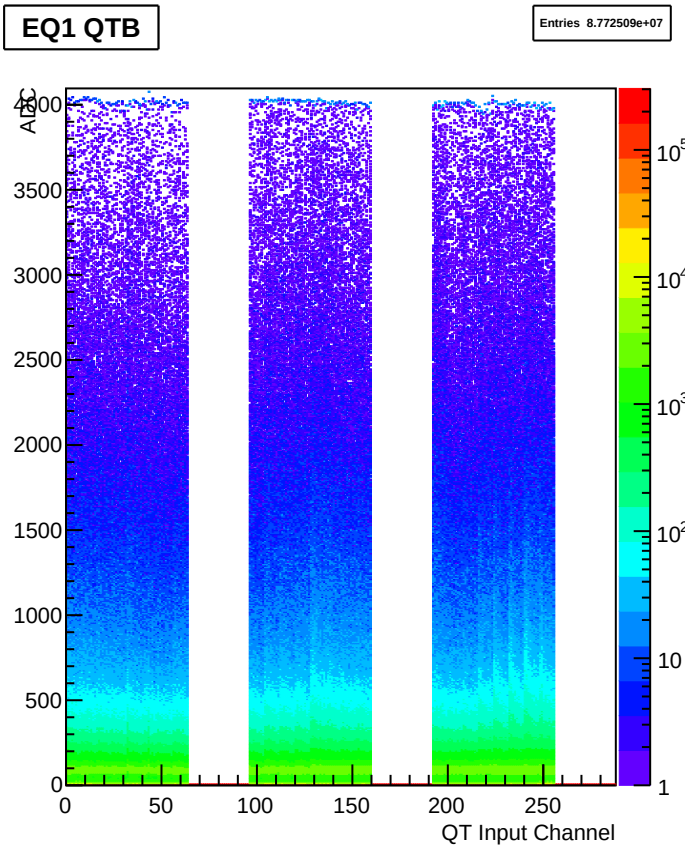

BBQ-ZD001 (ZDC TOWER)
Entries 4873616
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

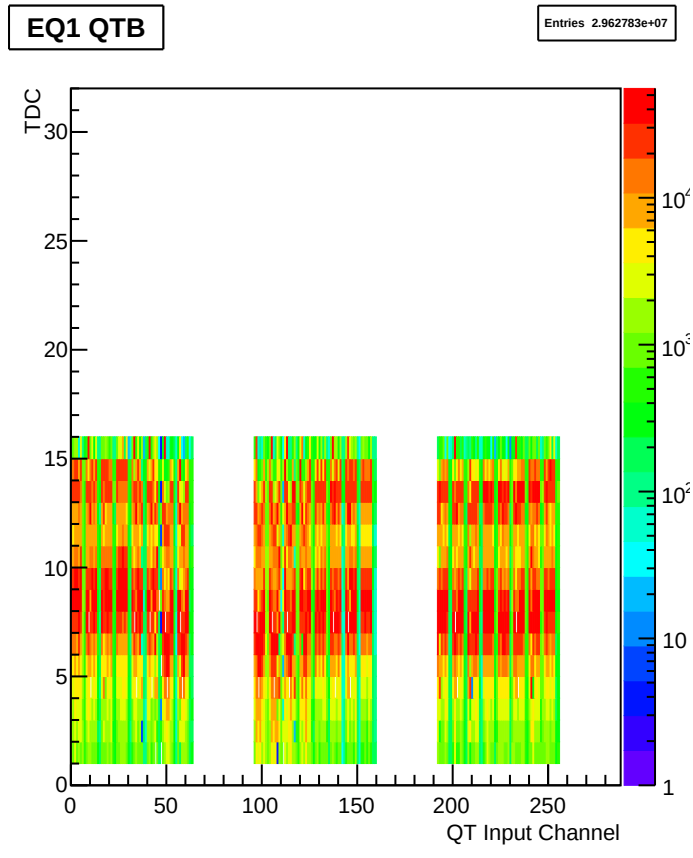

BBQ-VP001 East
Entries 4873616
ADC
QT Input Channel

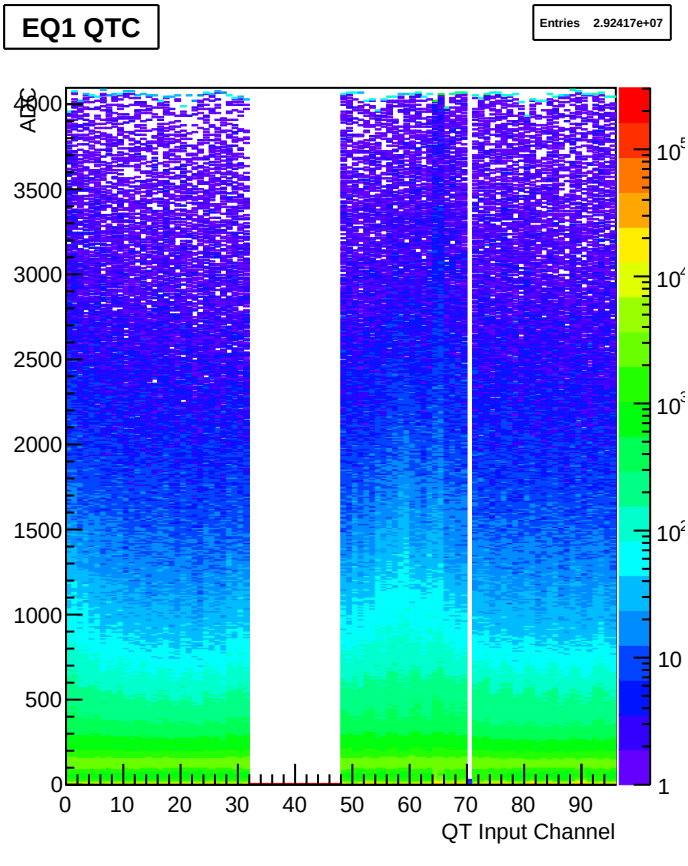

BBQ-VP001 East
Entries 4873616
TADC
QT Input Channel

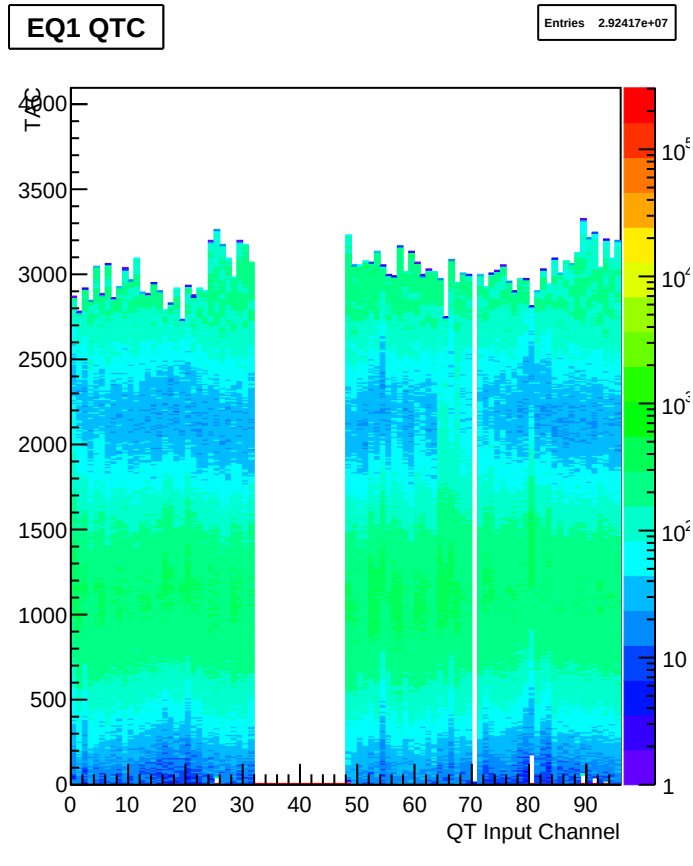

BBQ-VP002 West
Entries 4873616
ADC
QT Input Channel

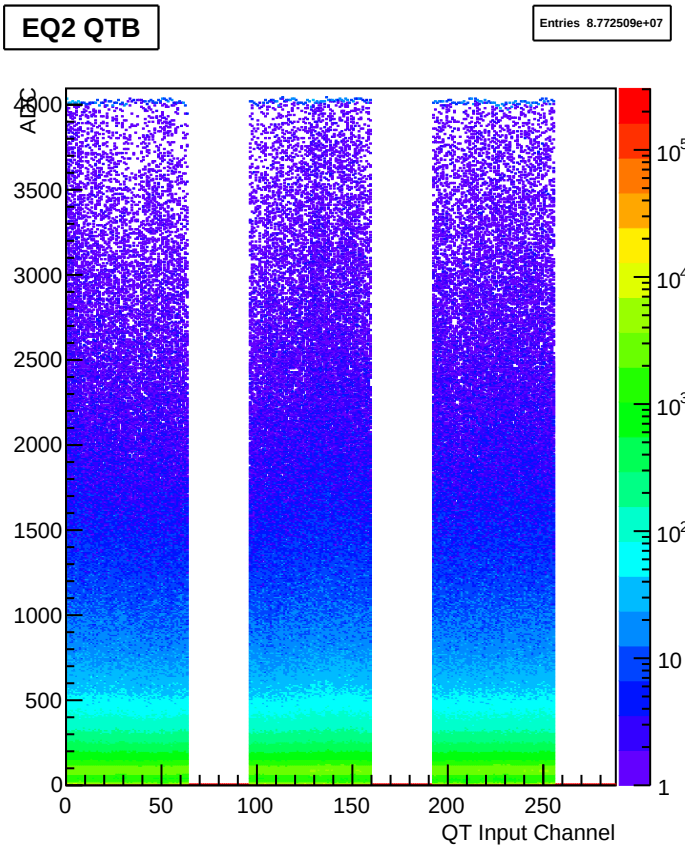

BBQ-VP002 West
Entries 4873616
TADC
QT Input Channel

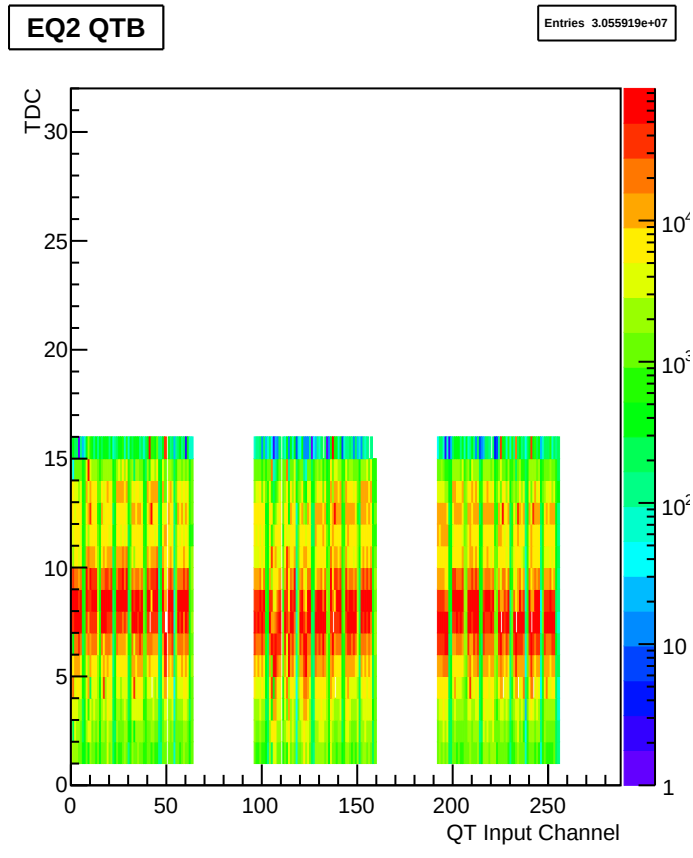

EQ1 QTB
Entries 8.772509e+07
ADC
QT Input Channel

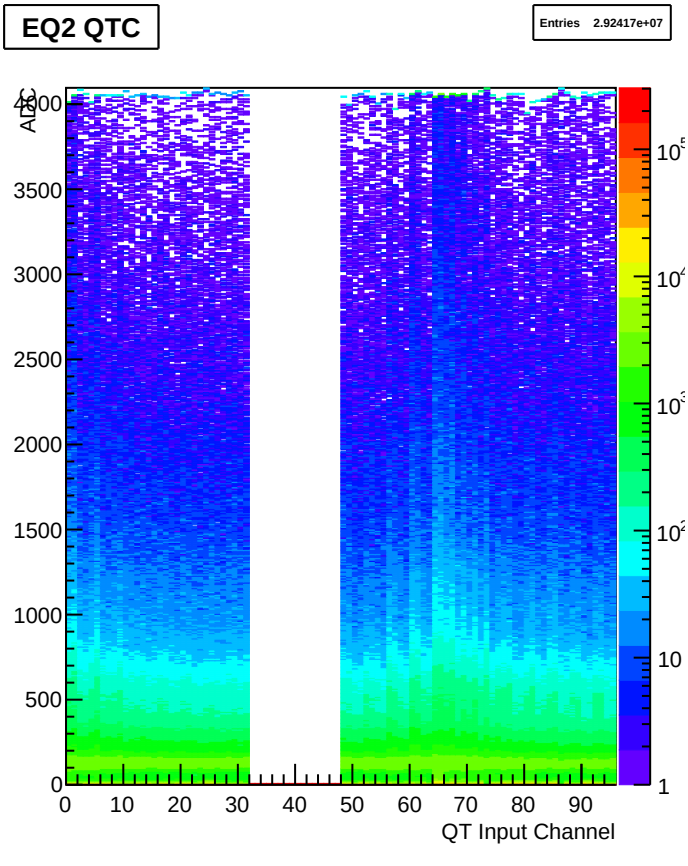

EQ1 QTB
Entries 2.962783e+07
TDC
QT Input Channel

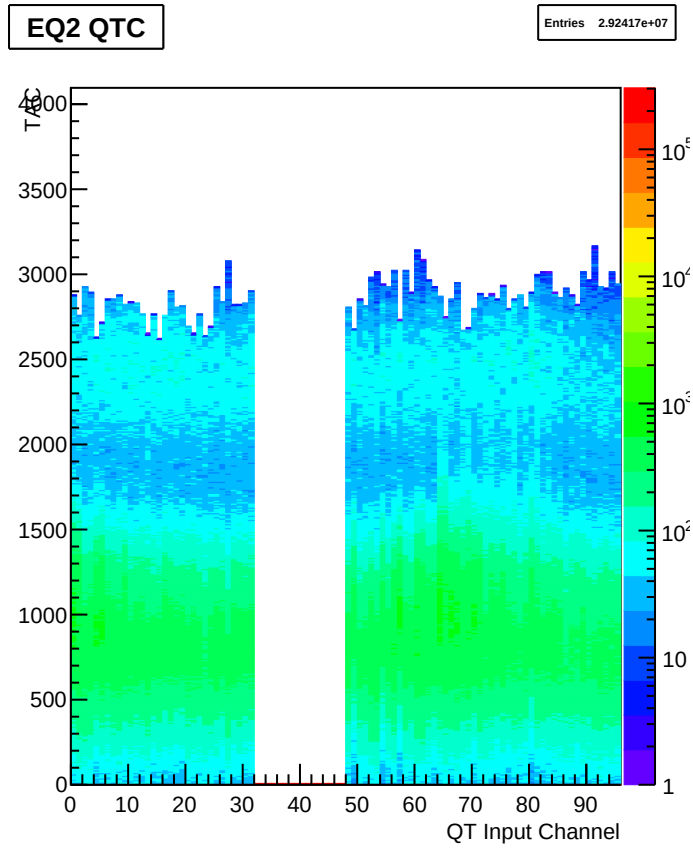

EQ1 QTC
Entries 2.92417e+07
ADC
QT Input Channel

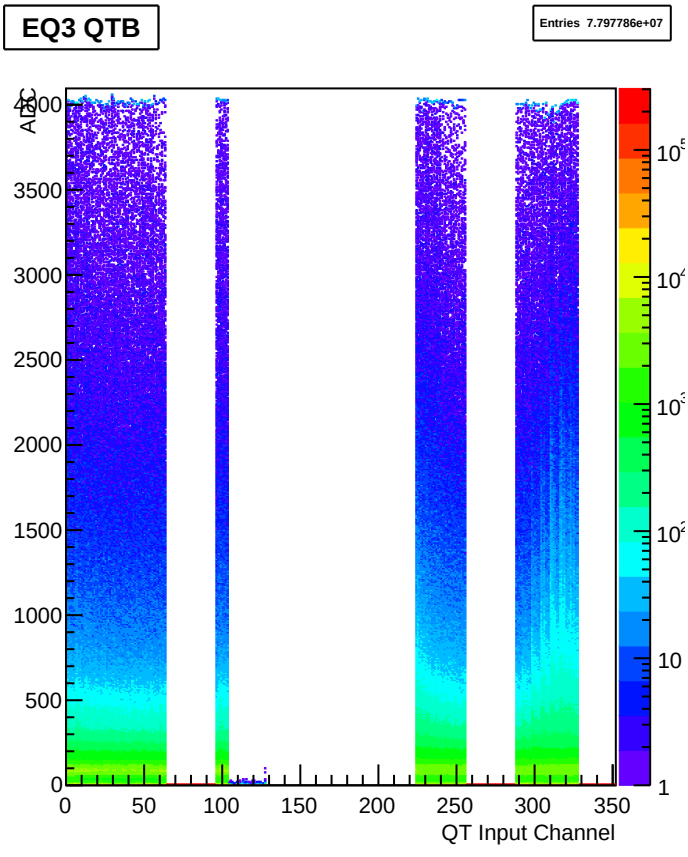

EQ1 QTC
Entries 2.92417e+07
TADC
QT Input Channel

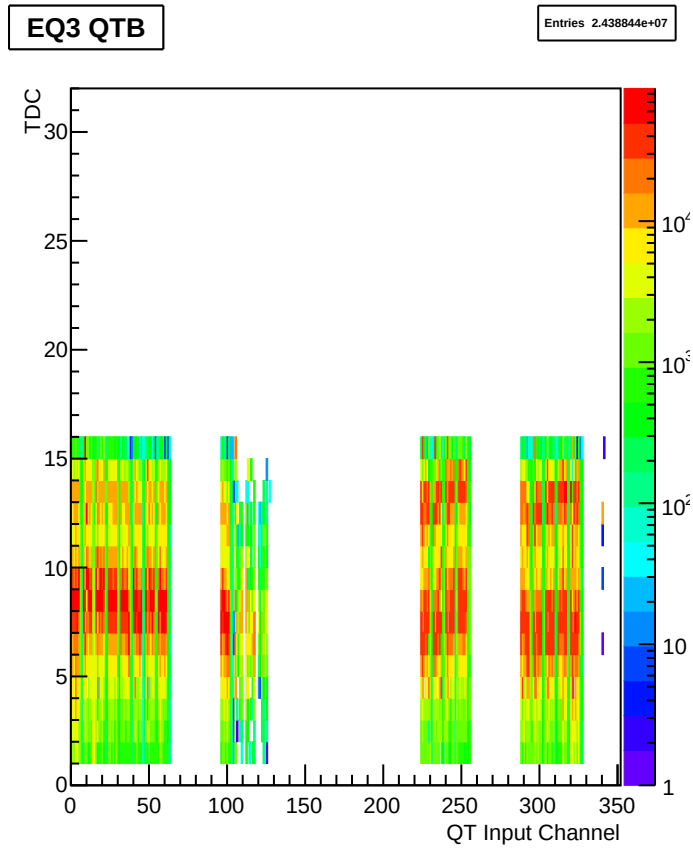

EQ2 QTB
Entries 8.772509e+07
ADC
QT Input Channel

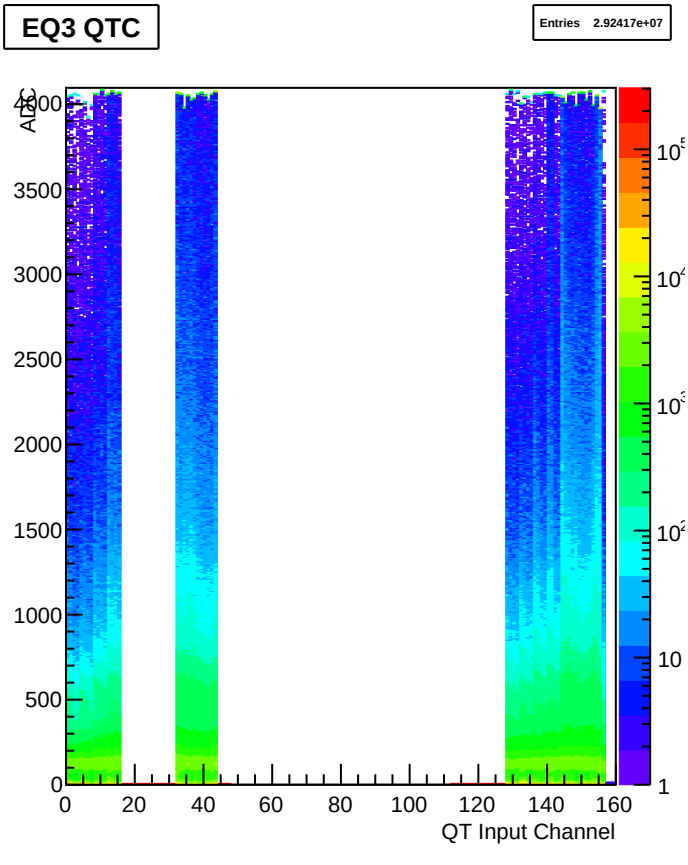

EQ2 QTB
Entries 3.055919e+07
TDC
QT Input Channel

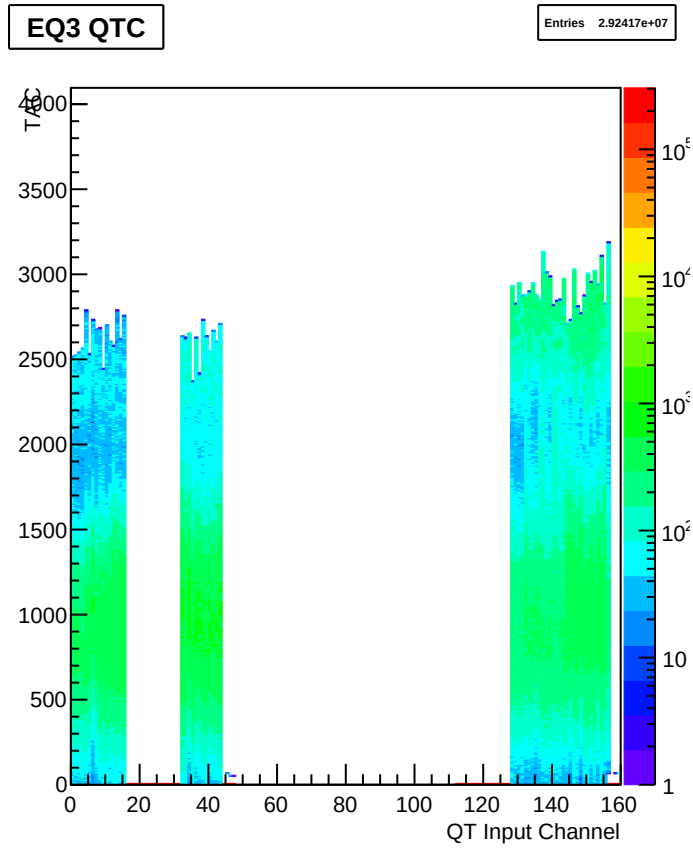

EQ2 QTC
Entries 2.92417e+07
ADC
QT Input Channel

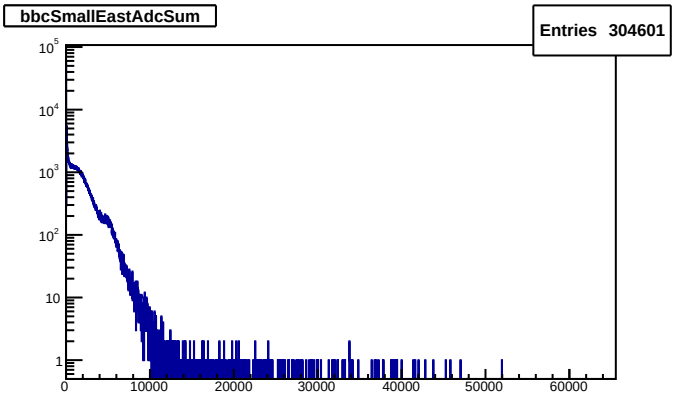

EQ2 QTC
Entries 2.92417e+07
TADC
QT Input Channel

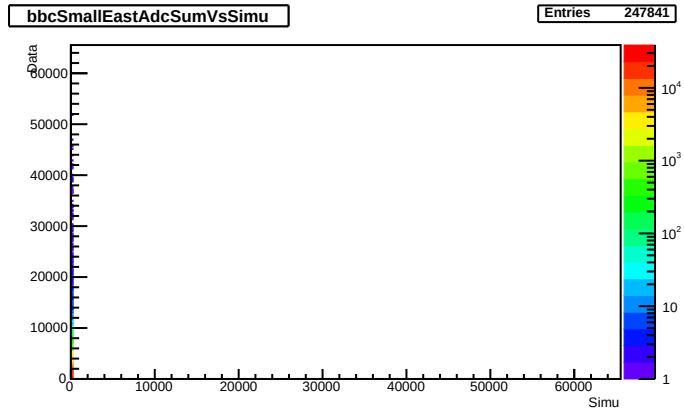

EQ3 QTB
Entries 7.797786e+07
ADC
QT Input Channel

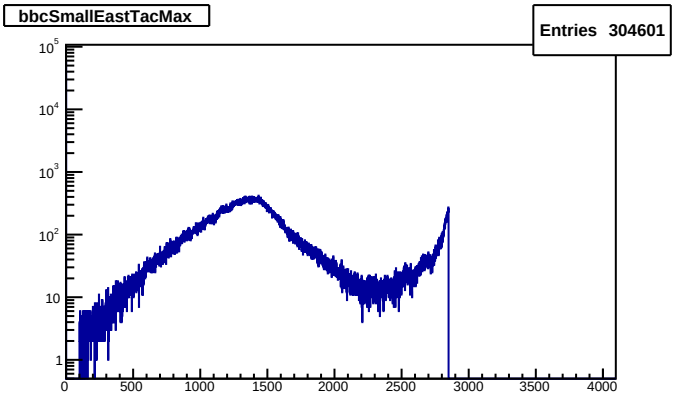

EQ3 QTB
Entries 2.438844e+07
TDC
QT Input Channel

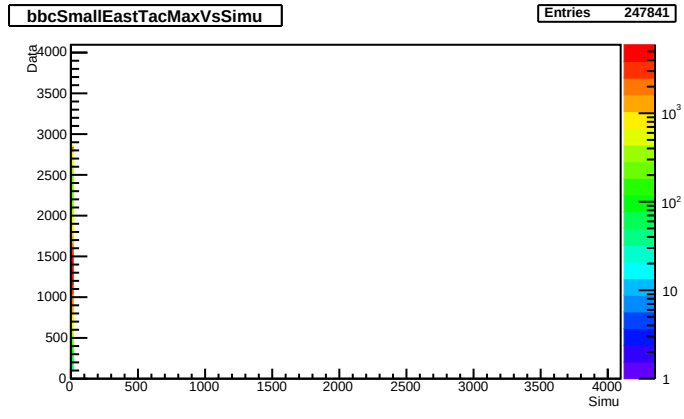

EQ3 QTC
Entries 2.92417e+07
ADC
QT Input Channel

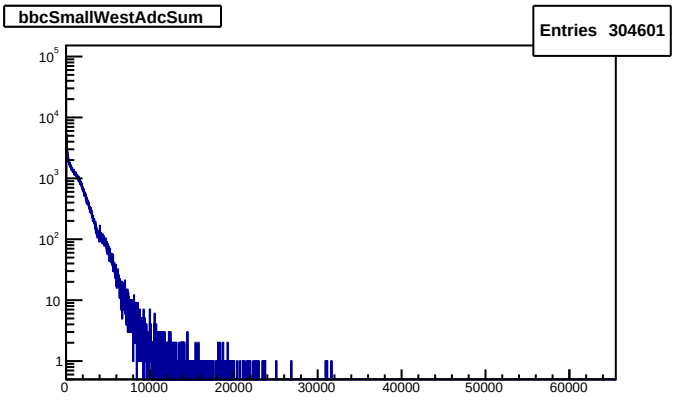

EQ3 QTC
Entries 2.92417e+07
TADC
QT Input Channel

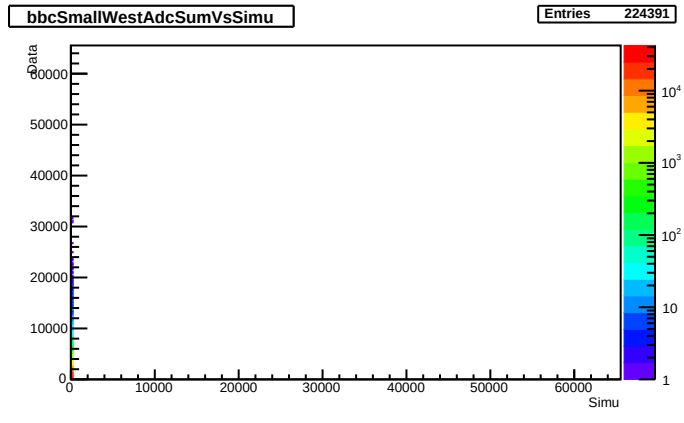

bbcSmallEastAdcSum
Entries 304601


bbcSmallEastAdcSumVsSimu
Entries 247841
Data
Simu


bbcSmallEastTacMax
Entries 304601


bbcSmallEastTacMaxVsSimu
Entries 247841
Data
Simu


bbcSmallWestAdcSum
Entries 304601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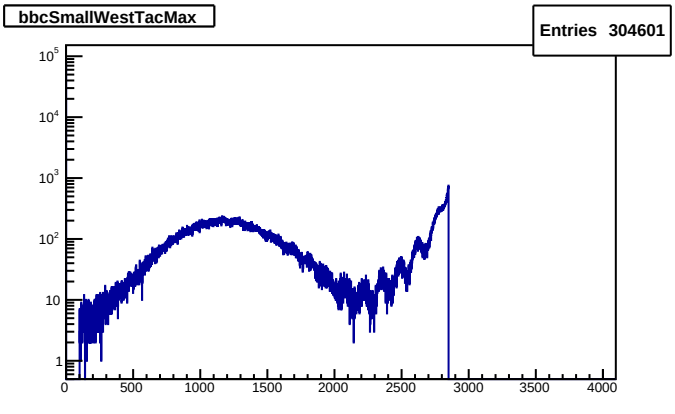
Entries 224391
Data
Simu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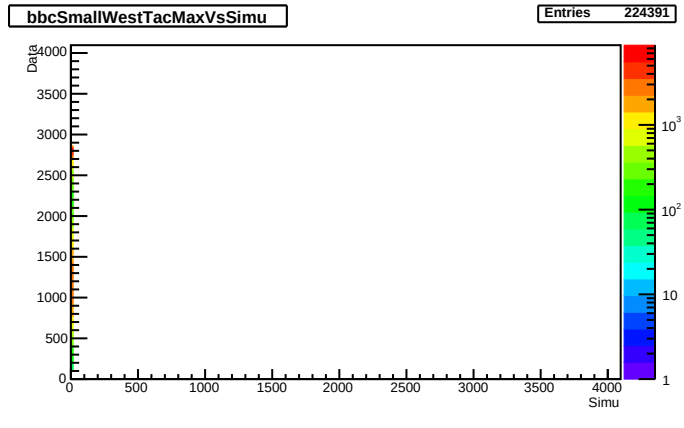
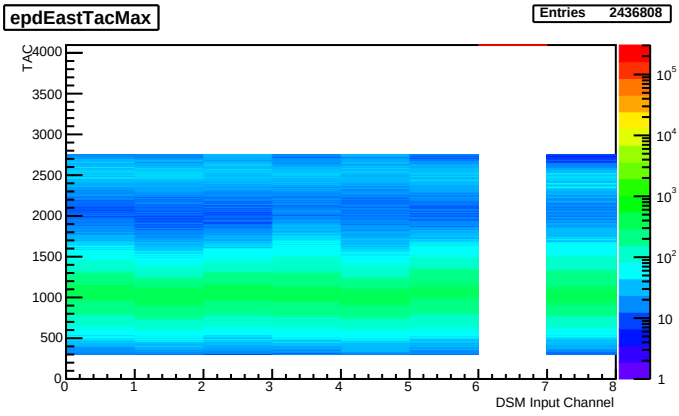
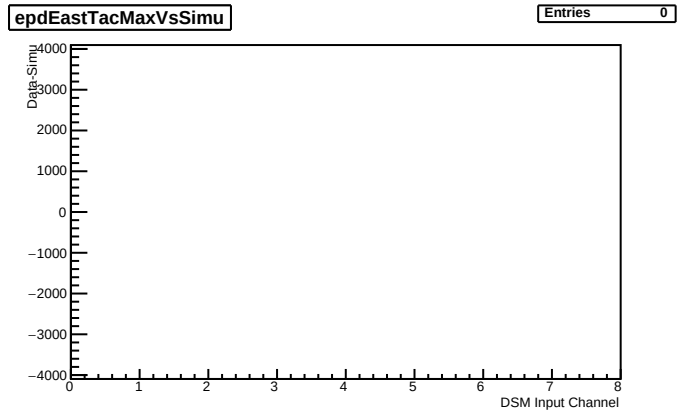
Entries 304601


bbcSmallWestTacMaxVsSimu
Entries 224391
Data
Simu


epdEastTacMax
Entries 2436808
TAC
DSM Input Channel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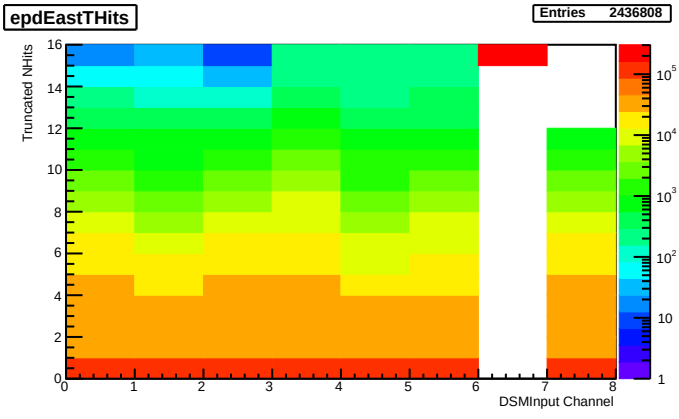
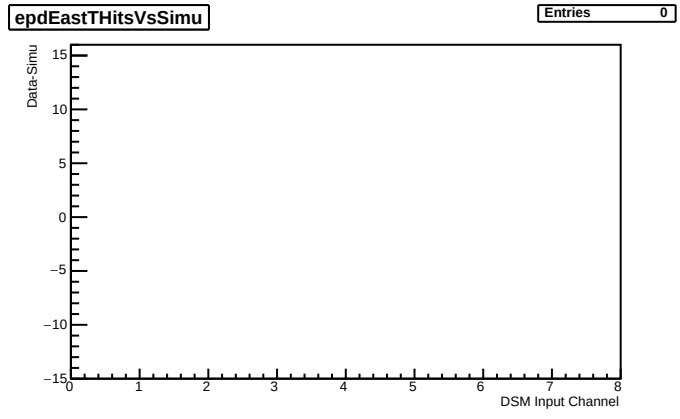
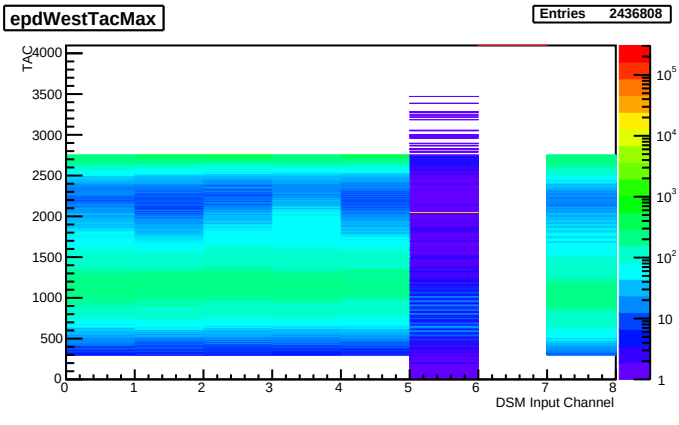
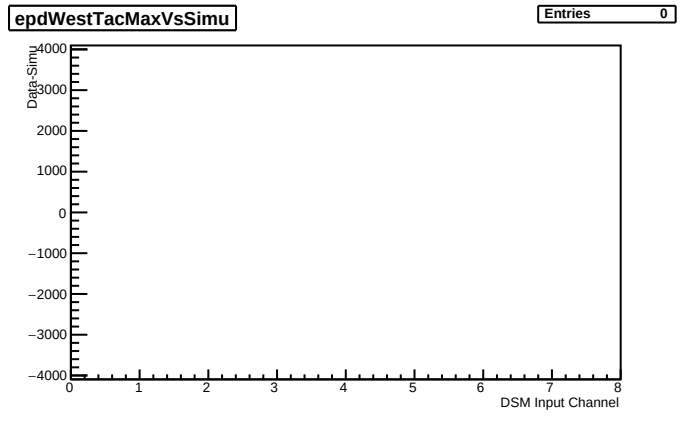
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2436808
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2436808
TAC
DSM Input Channel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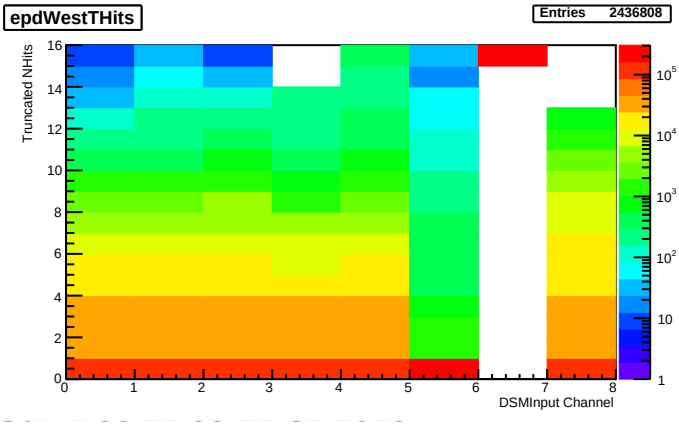
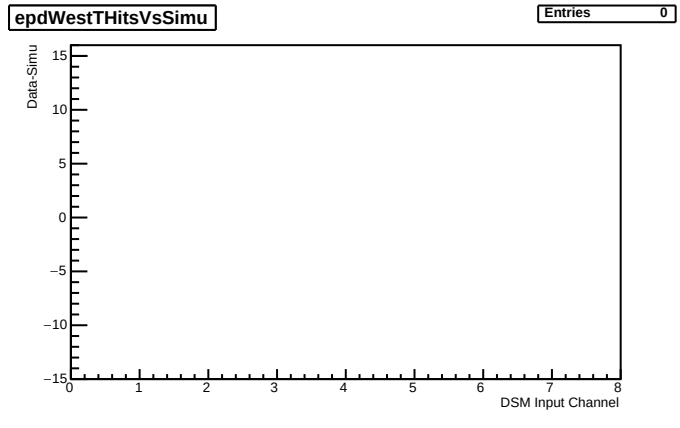
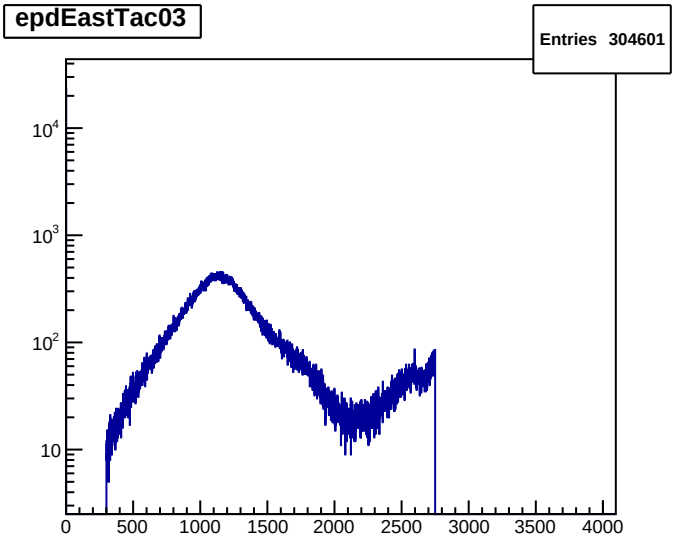
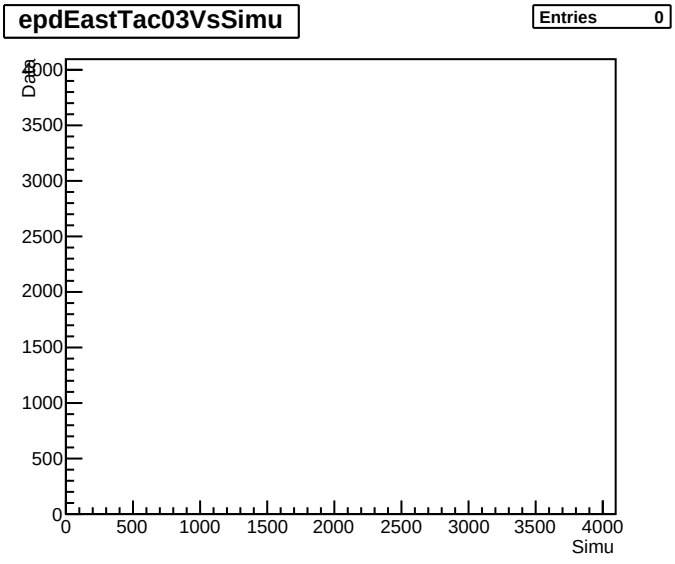
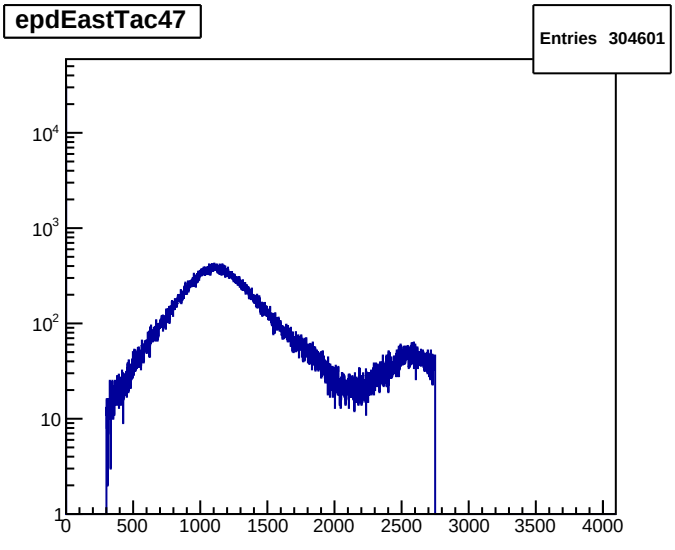
Entries 0
Data-Simu
DSM Input Channel

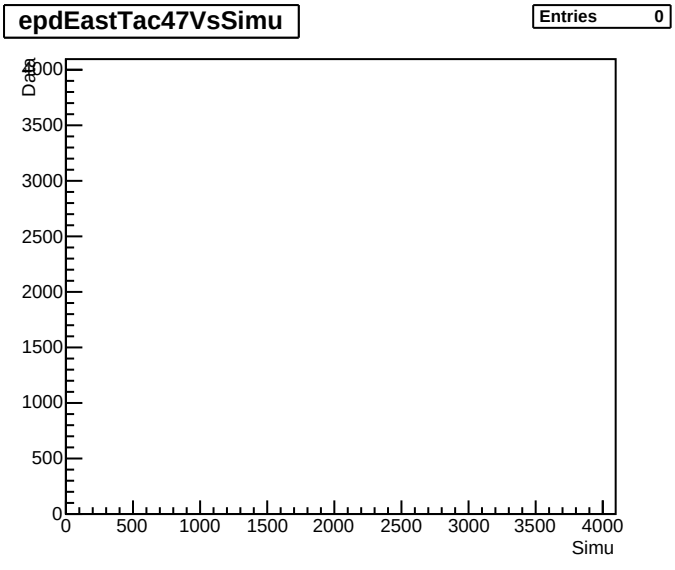

epdWestTHits
Entries 2436808
Truncated NHits
DSMInput Channel

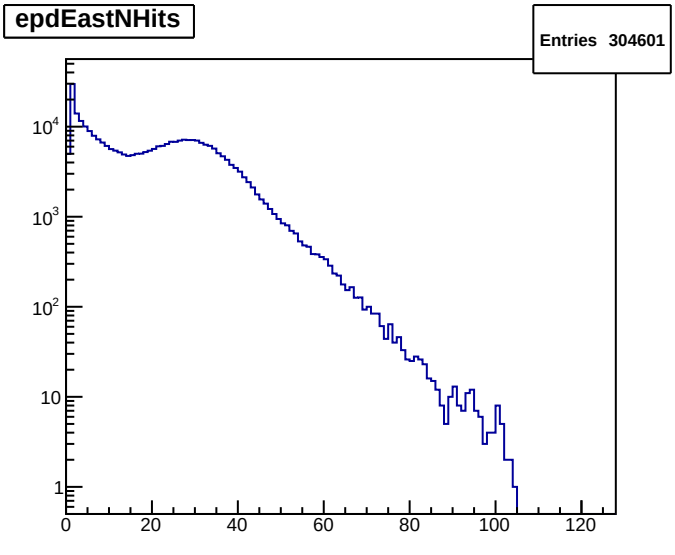

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

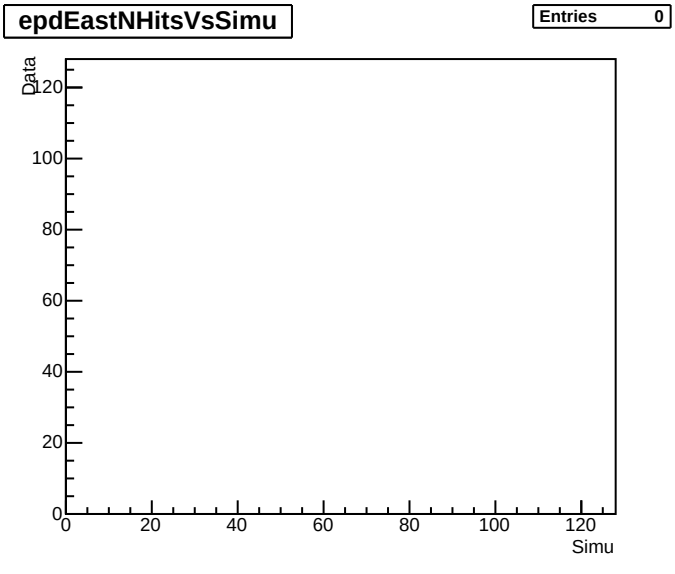

epdEastTac03
Entries 304601


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 304601


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 304601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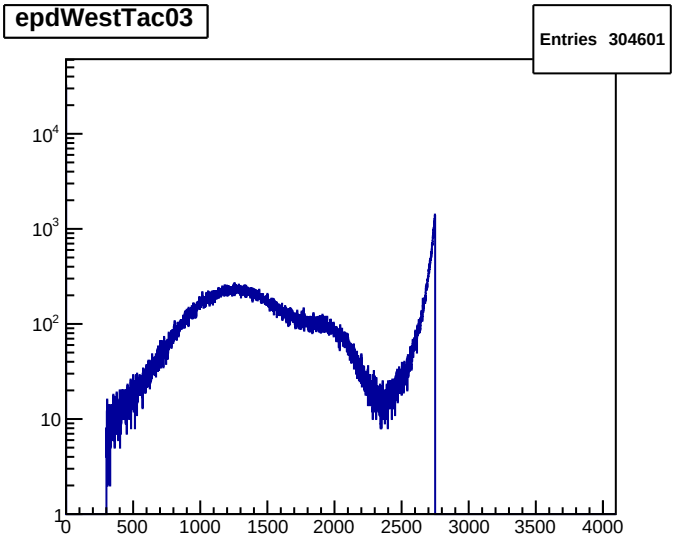
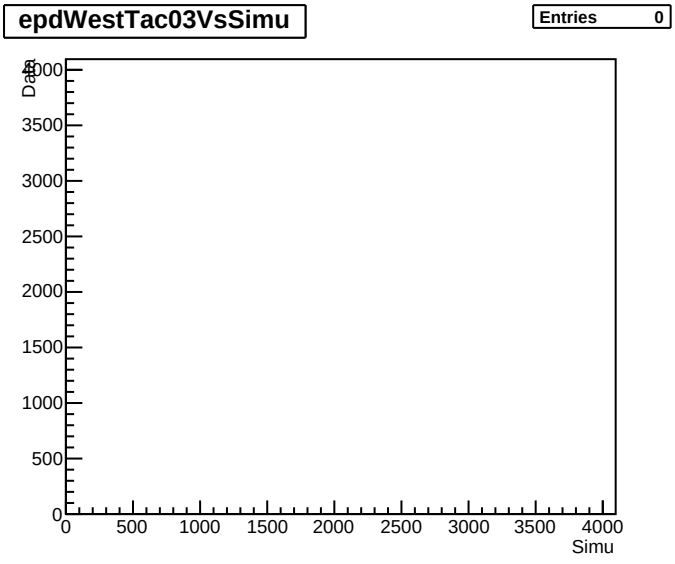
Entries 0
Data
Simu


epdWestTac03
Entries 304601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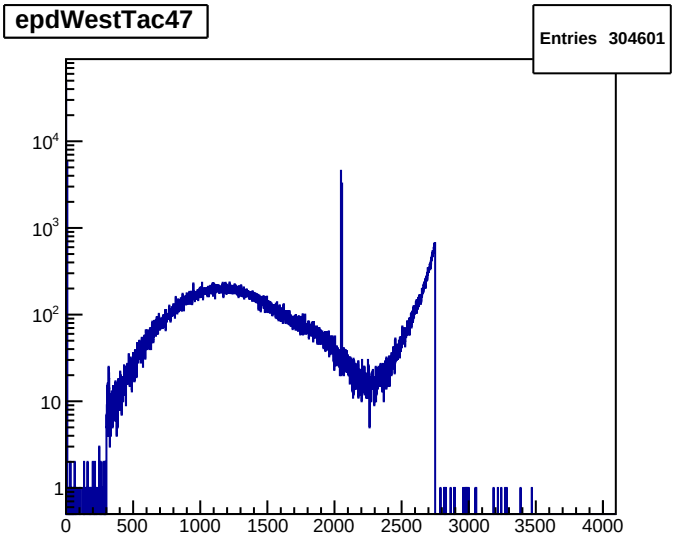
Entries 0
Data
Simu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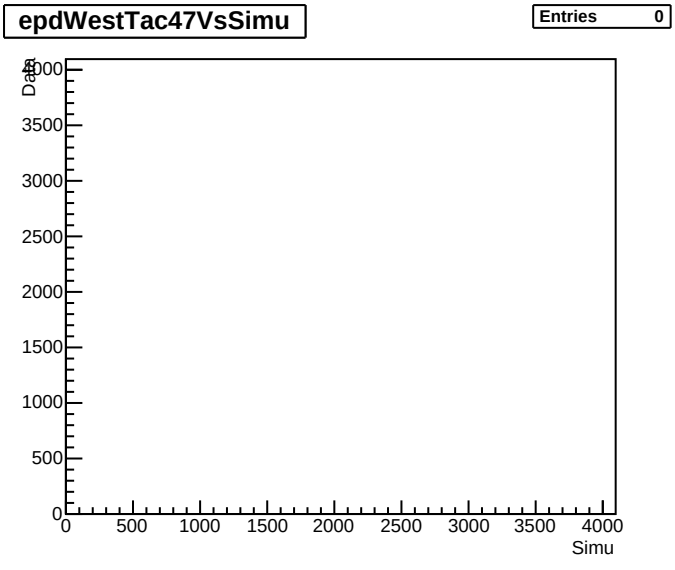
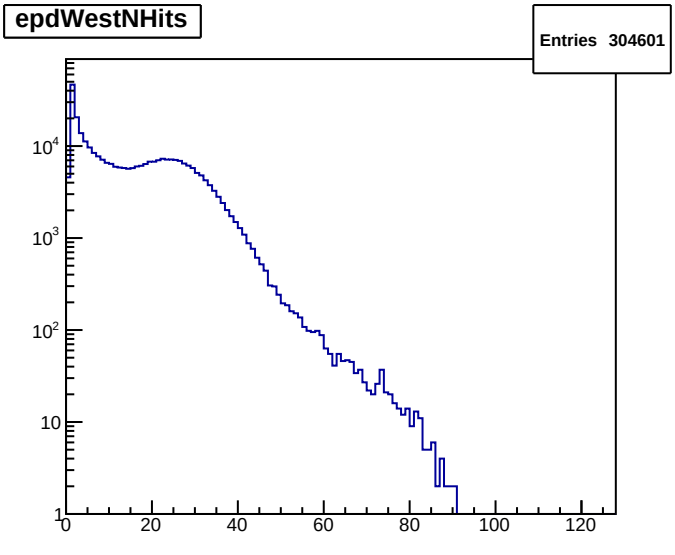
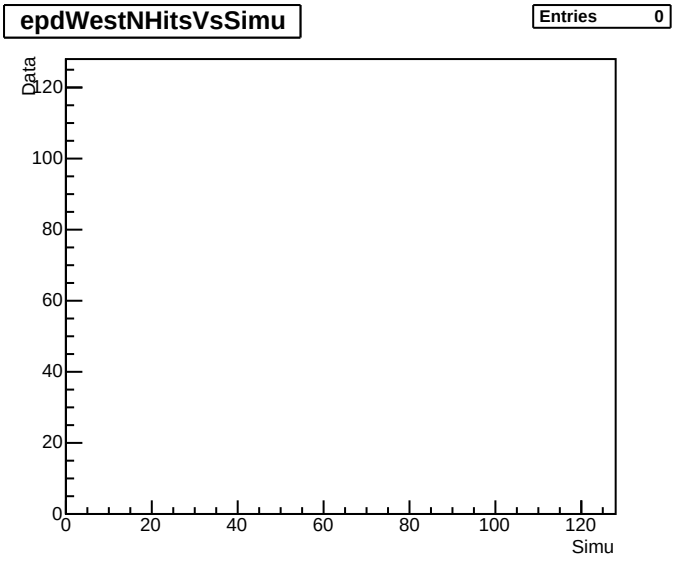
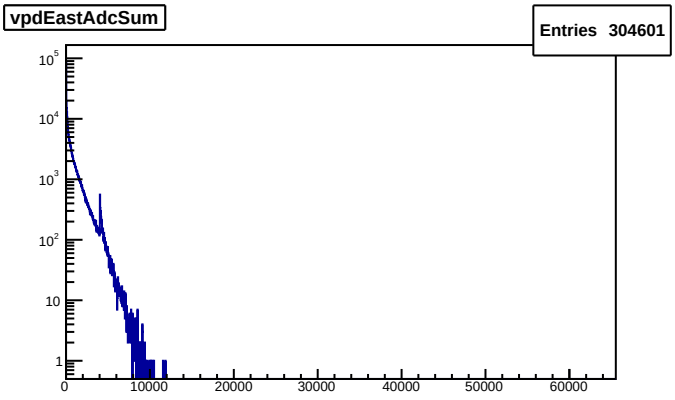
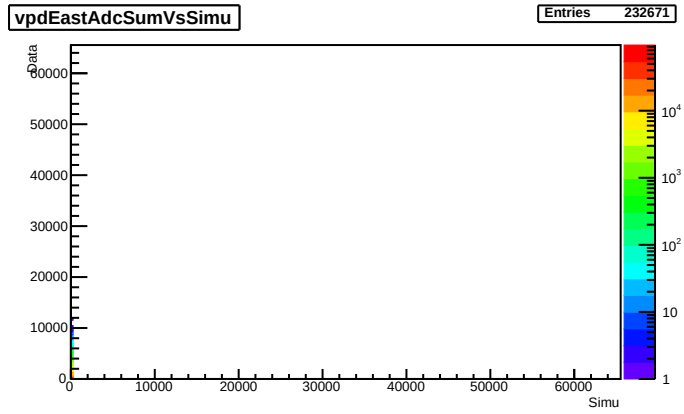
Entries 304601

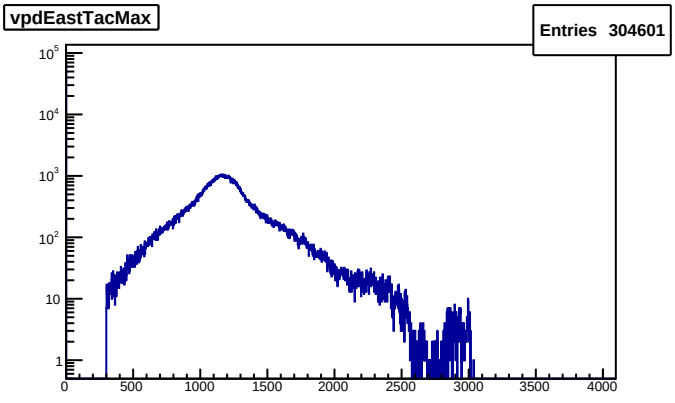

epdWestTac47VsSimu
Entries 0
Data
Simu

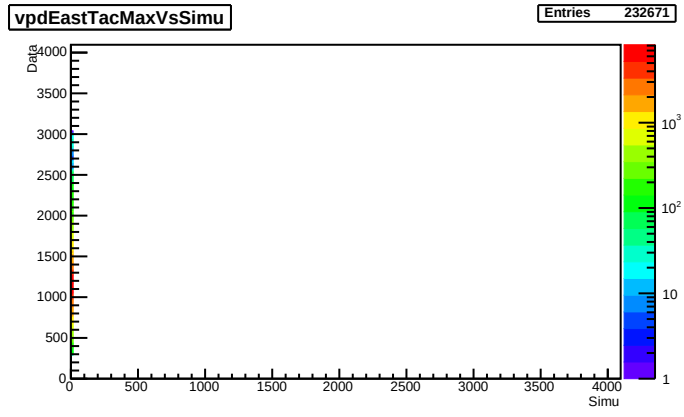

epdWestNHits
Entries 304601

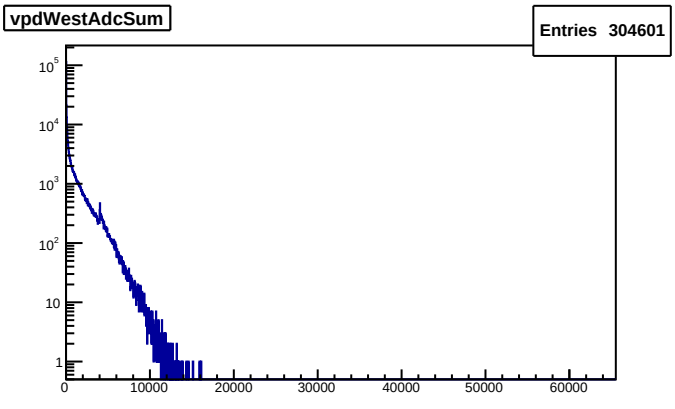

epdWestNHitsVsSimu
Entries 0
Data
Simu

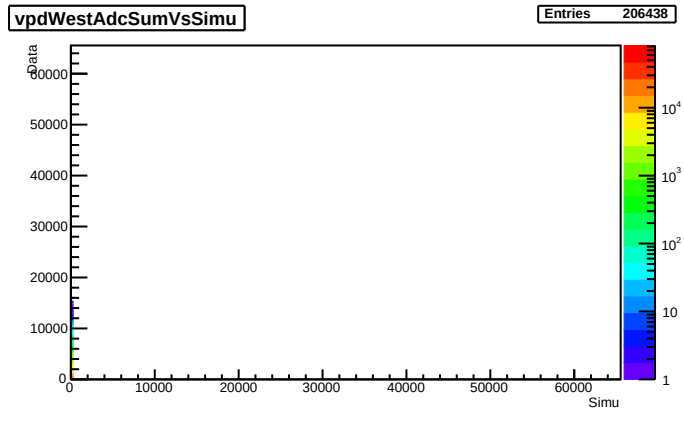

vpdEastAdcSum
Entries 304601

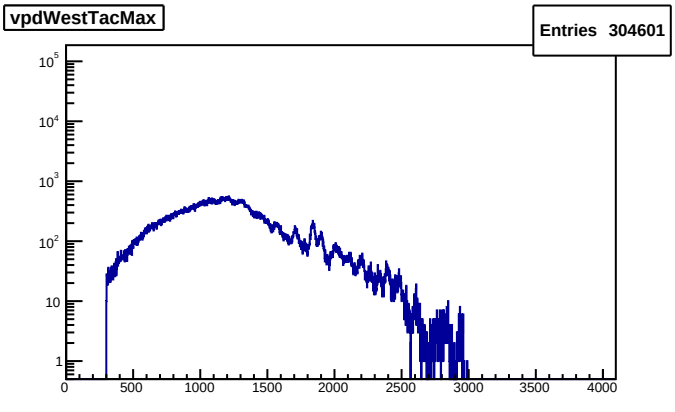

vpdEastAdcSumVsSimu
Entries 232671
Data
Simu

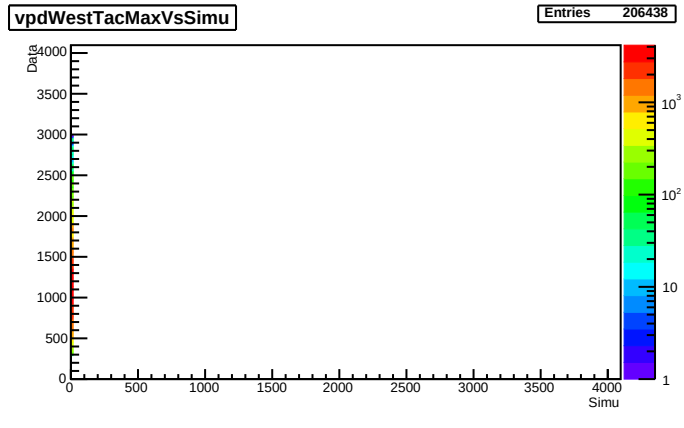

vpdEastTacMax
Entries 304601

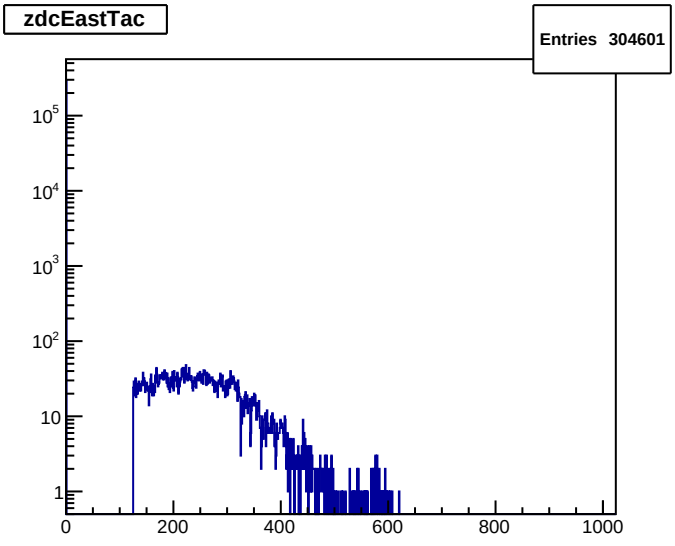

vpdEastTacMaxVsSimu
Entries 232671
Data
Simu

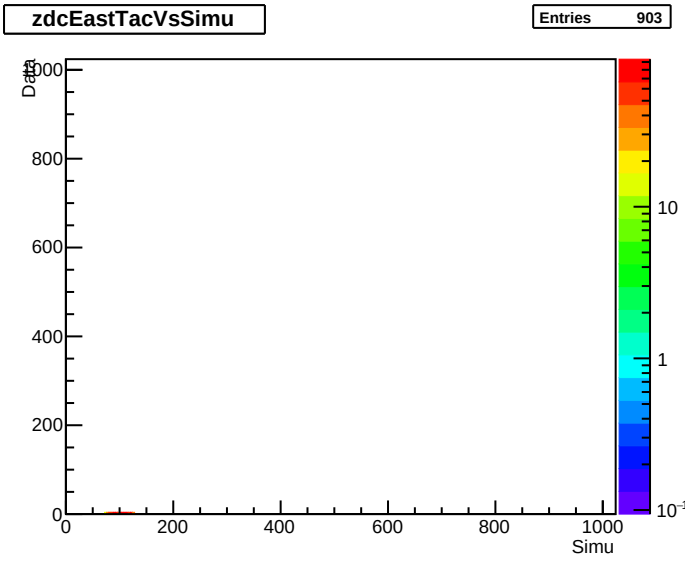

vpdWestAdcSum
Entries 304601

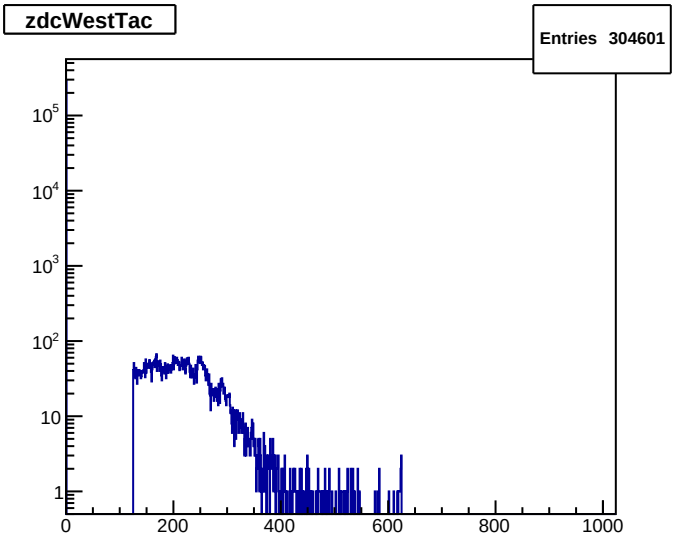

vpdWestAdcSumVsSimu
Entries 206438
Data
Simu

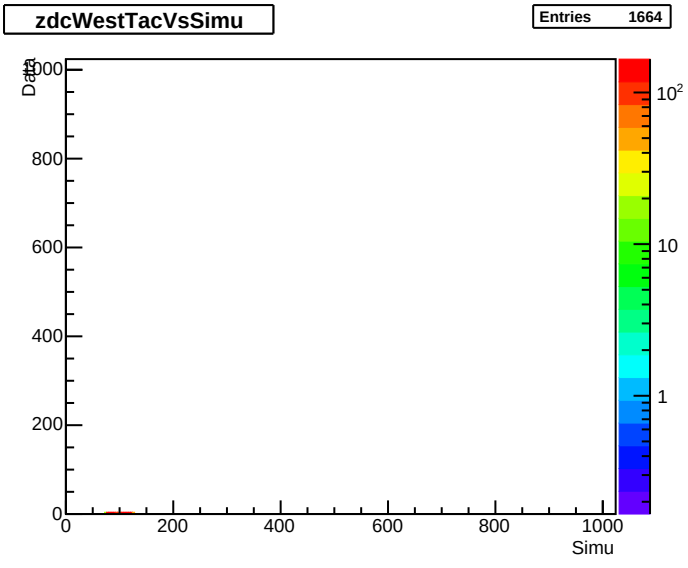

vpdWestTacMax
Entries 304601

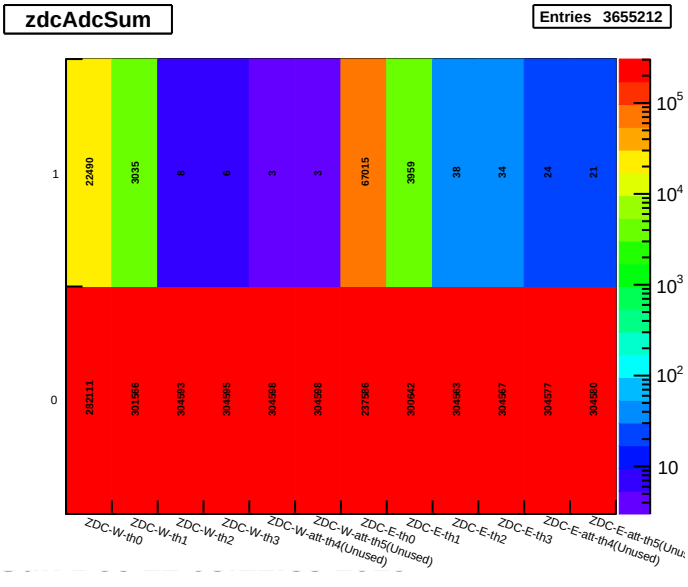

vpdWestTacMaxVsSimu
Entries 206438
Data
Simu

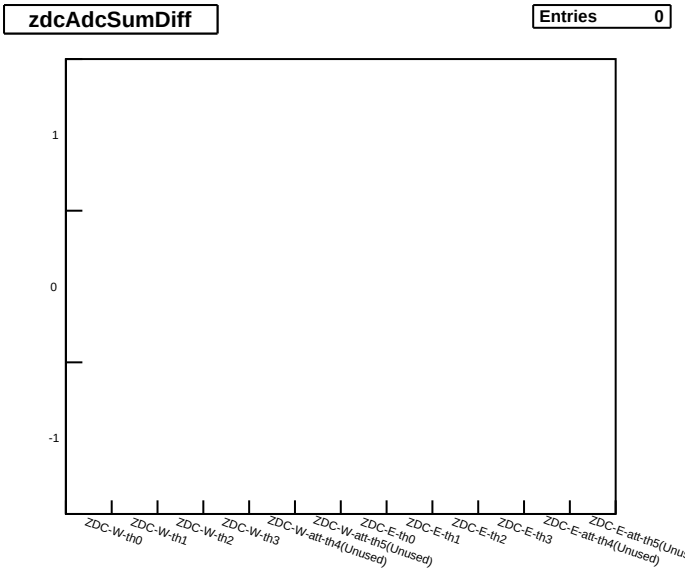

zdcEastTac
Entries 304601

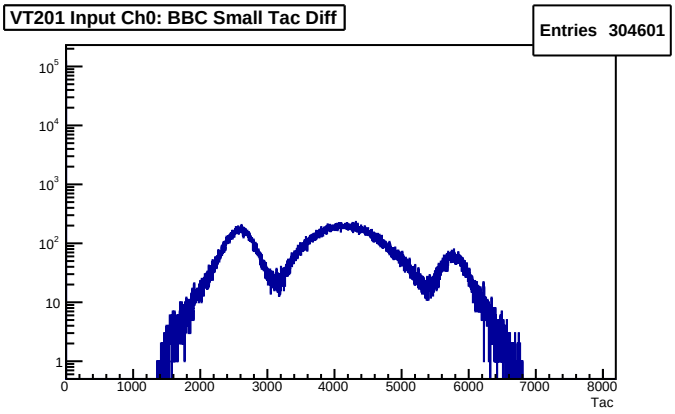

zdcEastTacVsSimu
Entries 903
Data
Simu

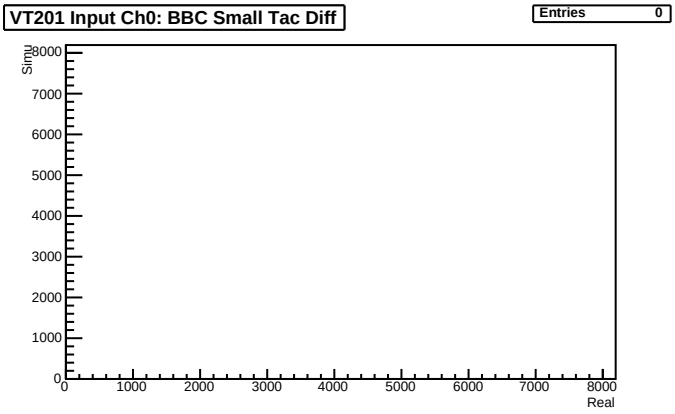

zdcWestTac
Entries 304601

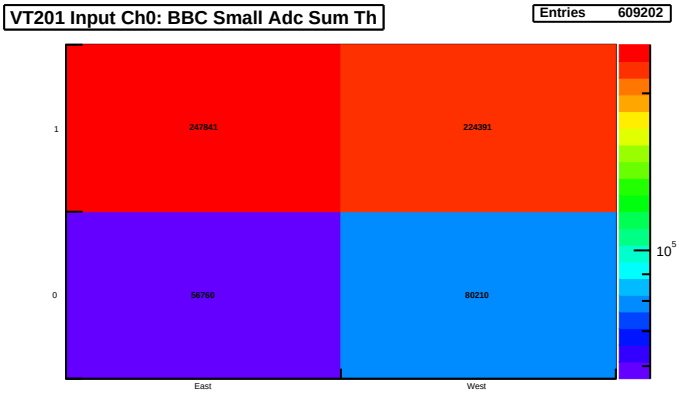

zdcWestTacVsSimu
Entries 1664
Data
Simu

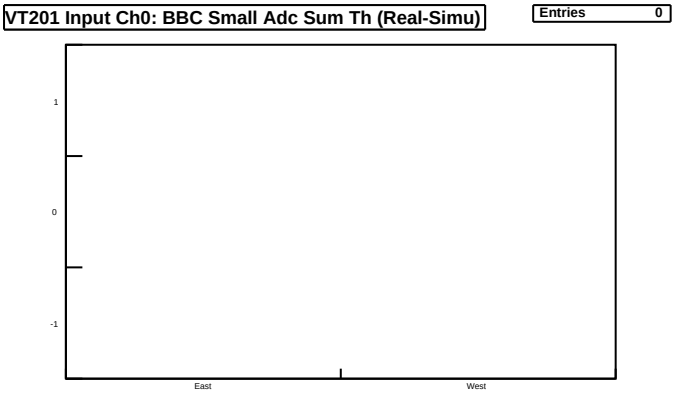

zdcAdcSum
Entries 3655212
22490
3035
8
6
3
3
67015
3959
38
34
24
21
282111
301566
304593
304595
304598
304598
237586
300642
304563
304567
304577
304580
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

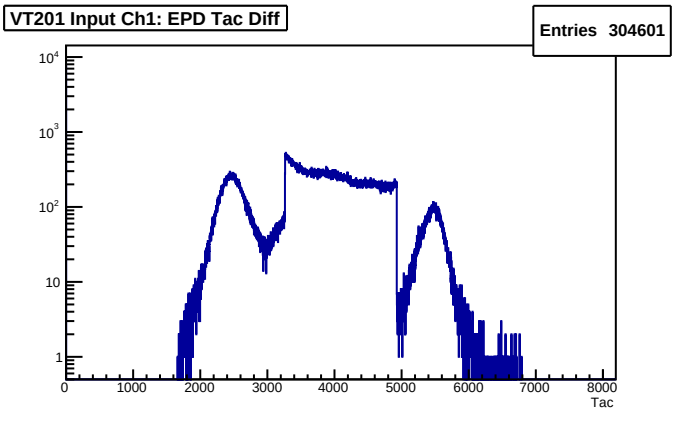

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

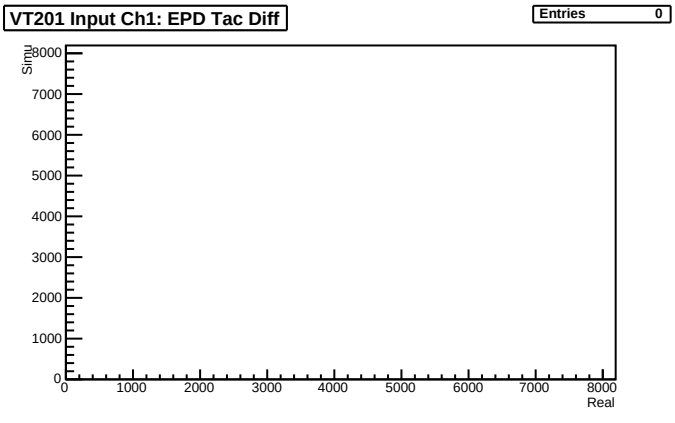

VT201 Input Ch0: BBC Small Tac Diff
Entries 304601
Tac

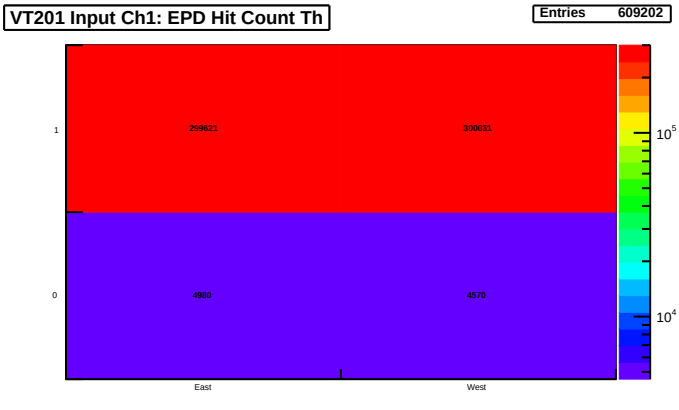

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

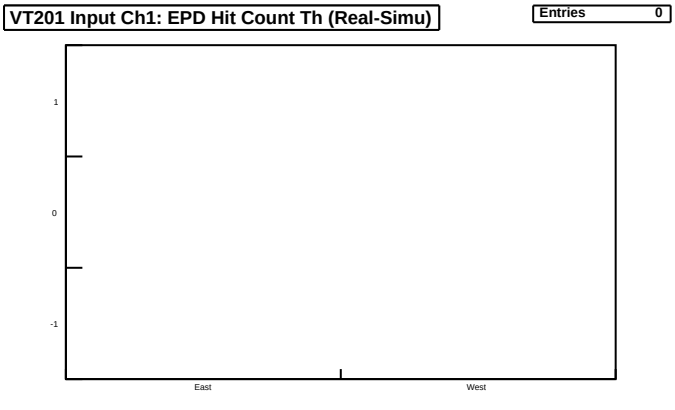

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 609202
247841
224391
56760
80210
East
West

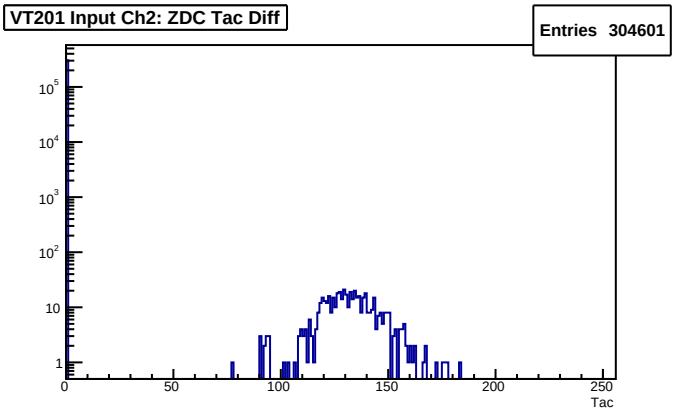

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

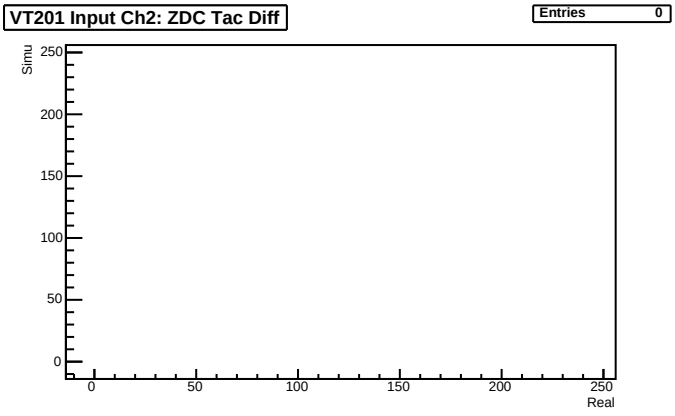

VT201 Input Ch1: EPD Tac Diff
Entries 304601
Tac

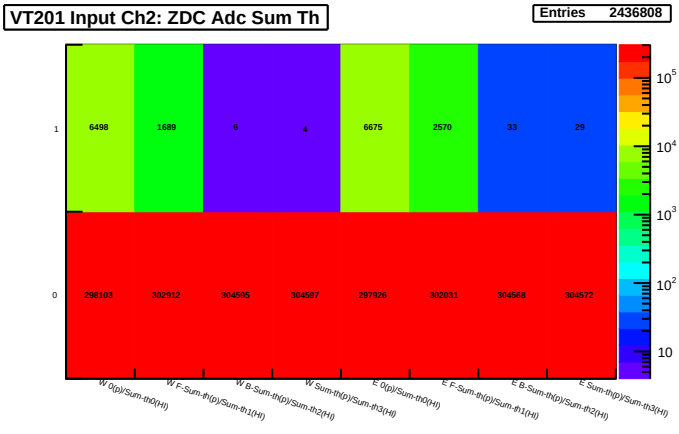

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

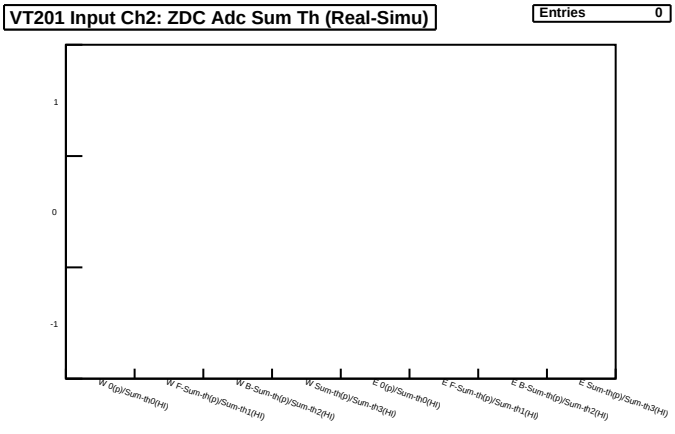

VT201 Input Ch1: EPD Hit Count Th
Entries 609202
299621
300031
4980
4570
East
West

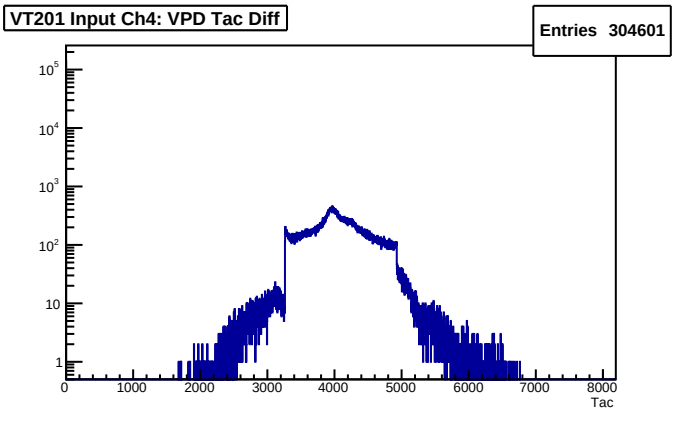

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

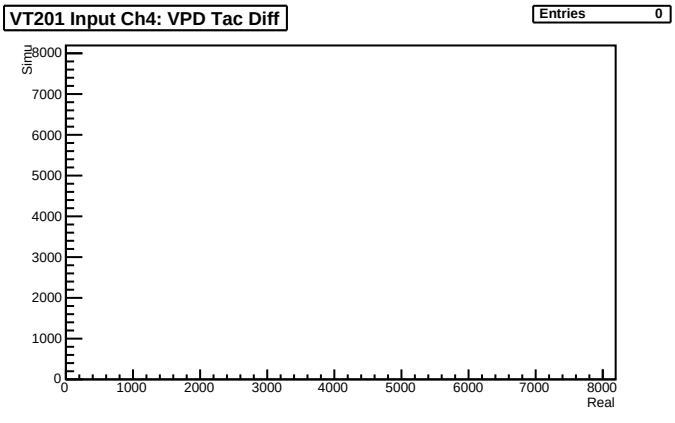

VT201 Input Ch2: ZDC Tac Diff
Entries 304601
Tac

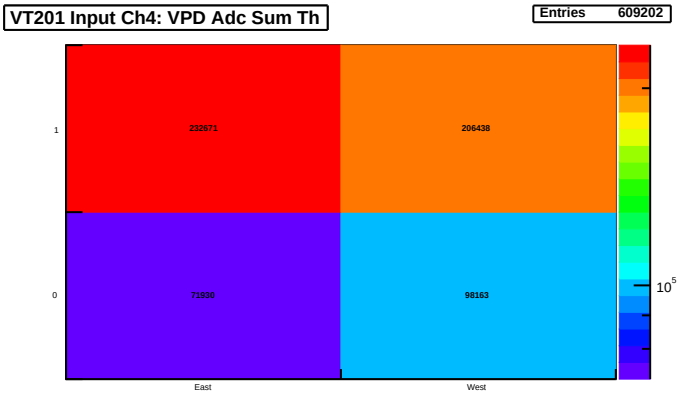

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

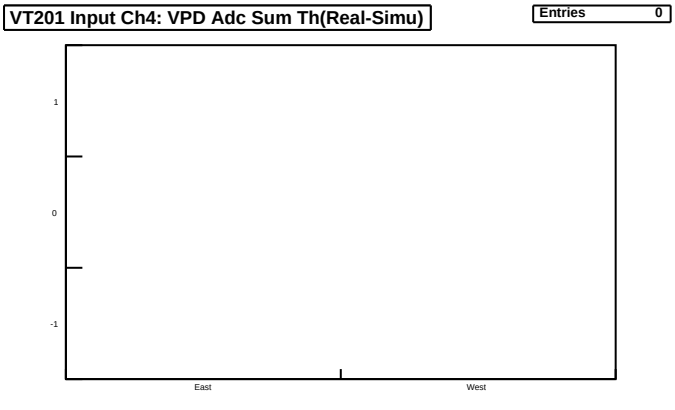

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2436808
6498
1689
6
4
6675
2570
33
29
298103
302912
304595
304597
297926
302031
304568
304572
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

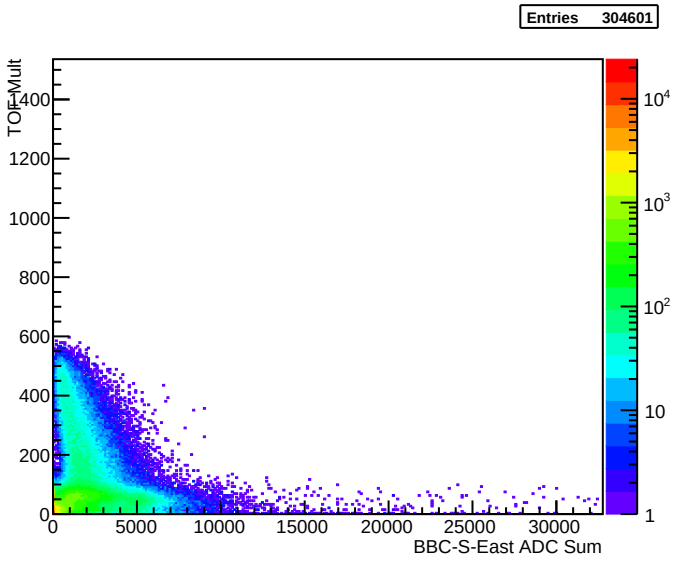

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

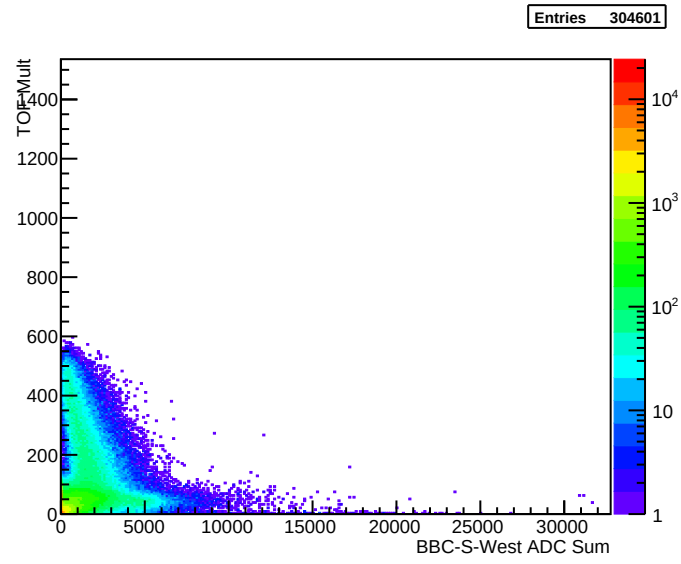

VT201 Input Ch4: VPD Tac Diff
Entries 304601
Tac

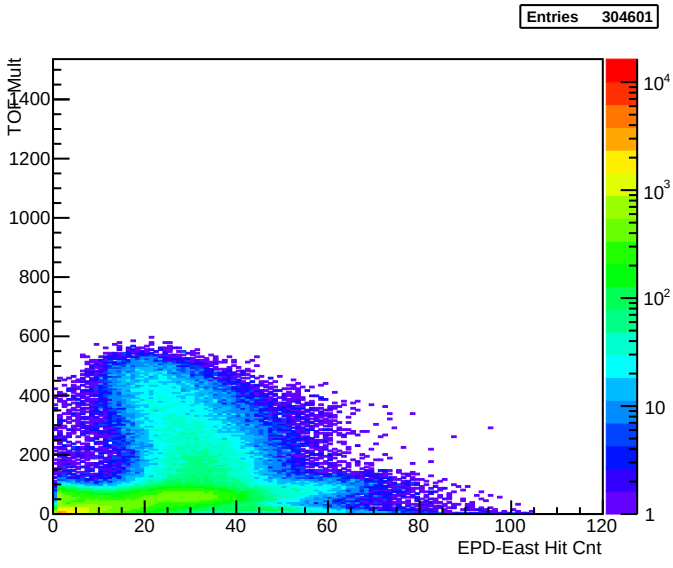

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

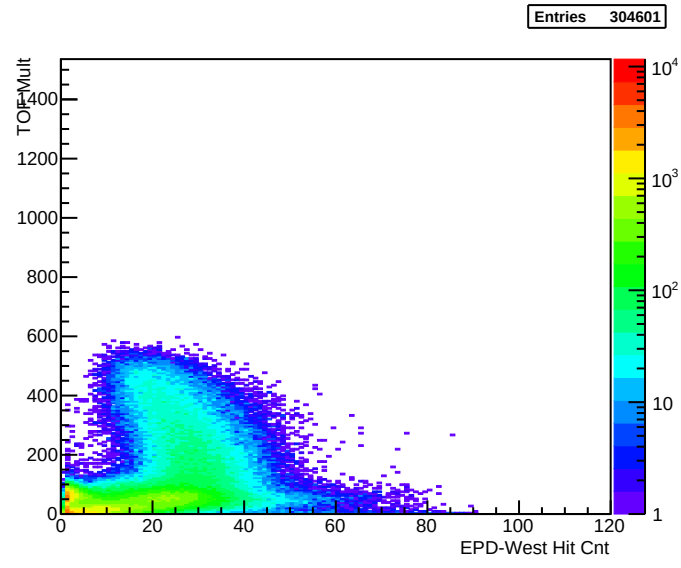

VT201 Input Ch4: VPD Adc Sum Th
Entries 609202
232671
206438
71930
98163
East
West

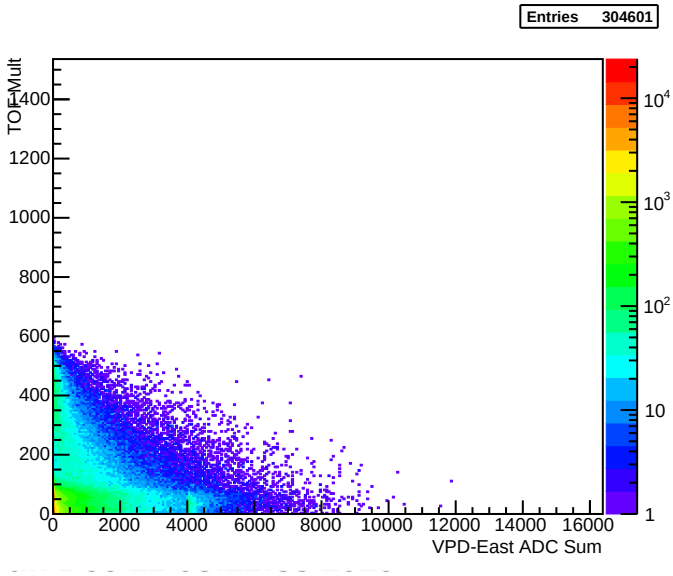

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

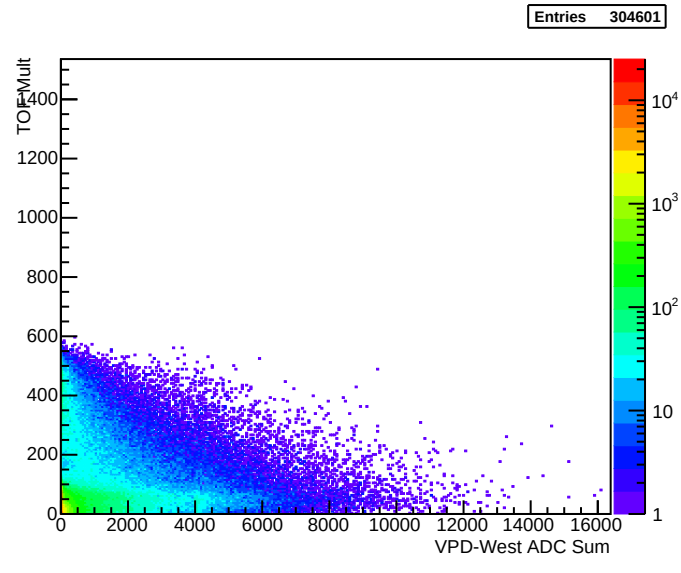

Entries 304601
TOF-Mult
BBC-S-East ADC Sum

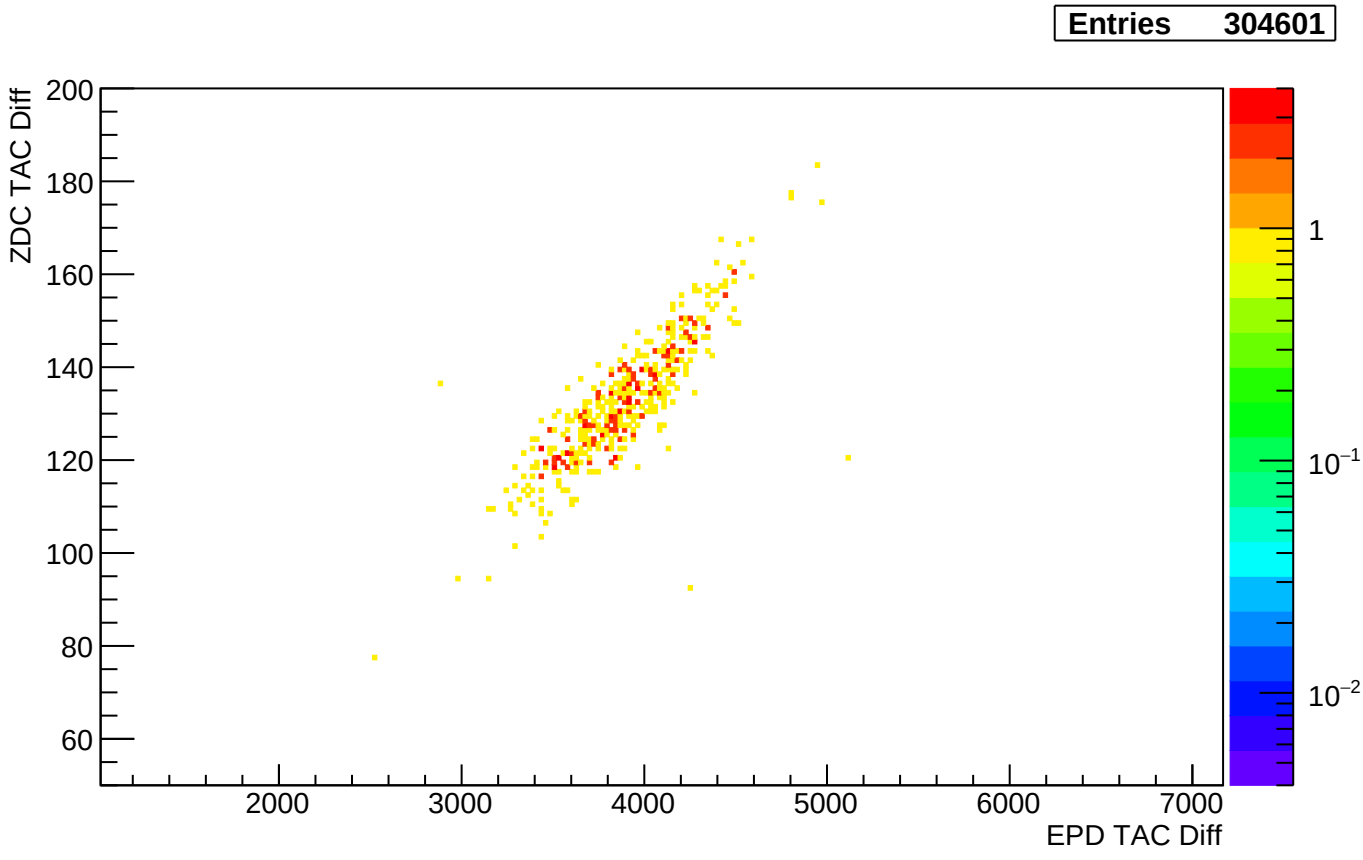

Entries 304601
TOF-Mult
BBC-S-West ADC Sum

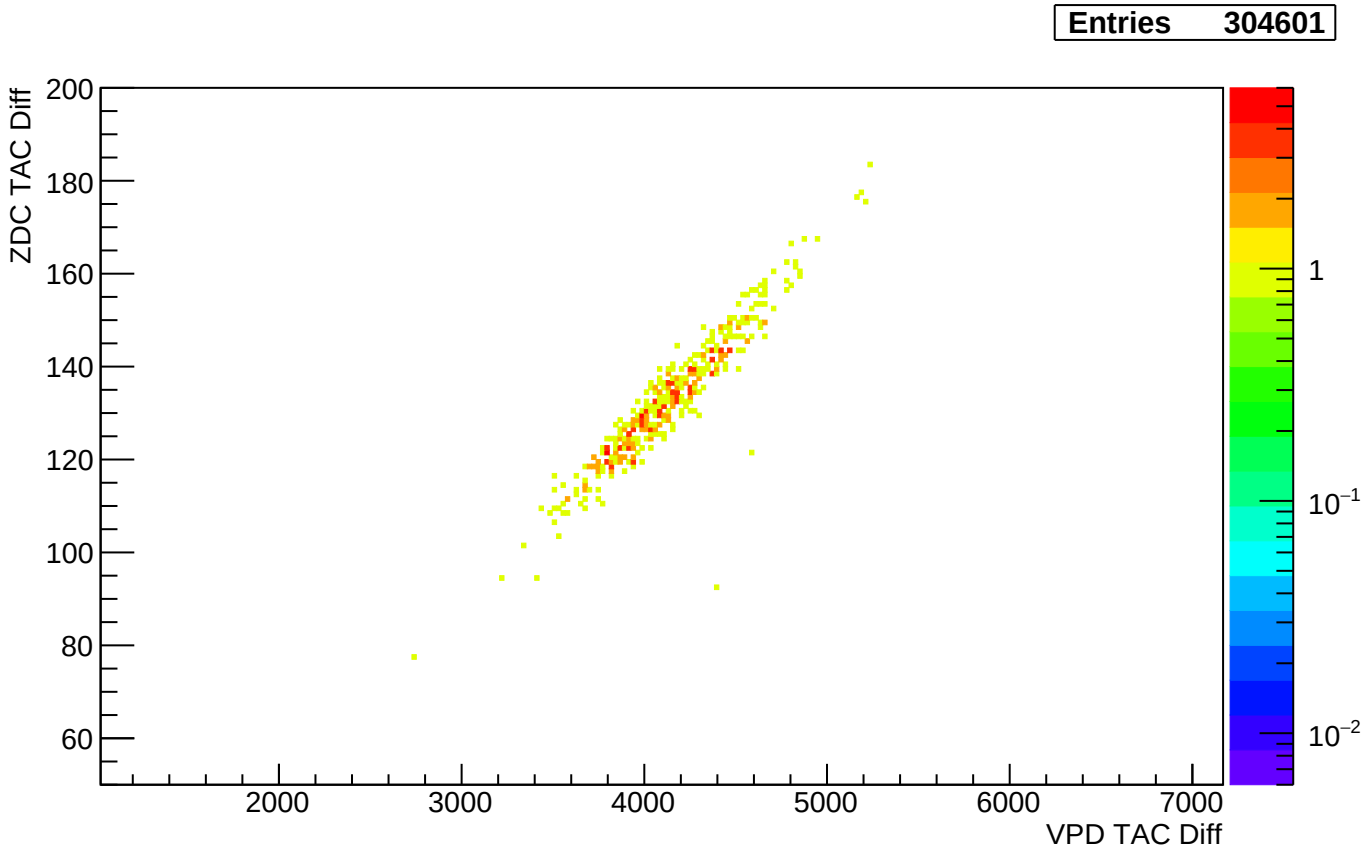

Entries 304601
TOF-Mult
EPD-East Hit Cnt

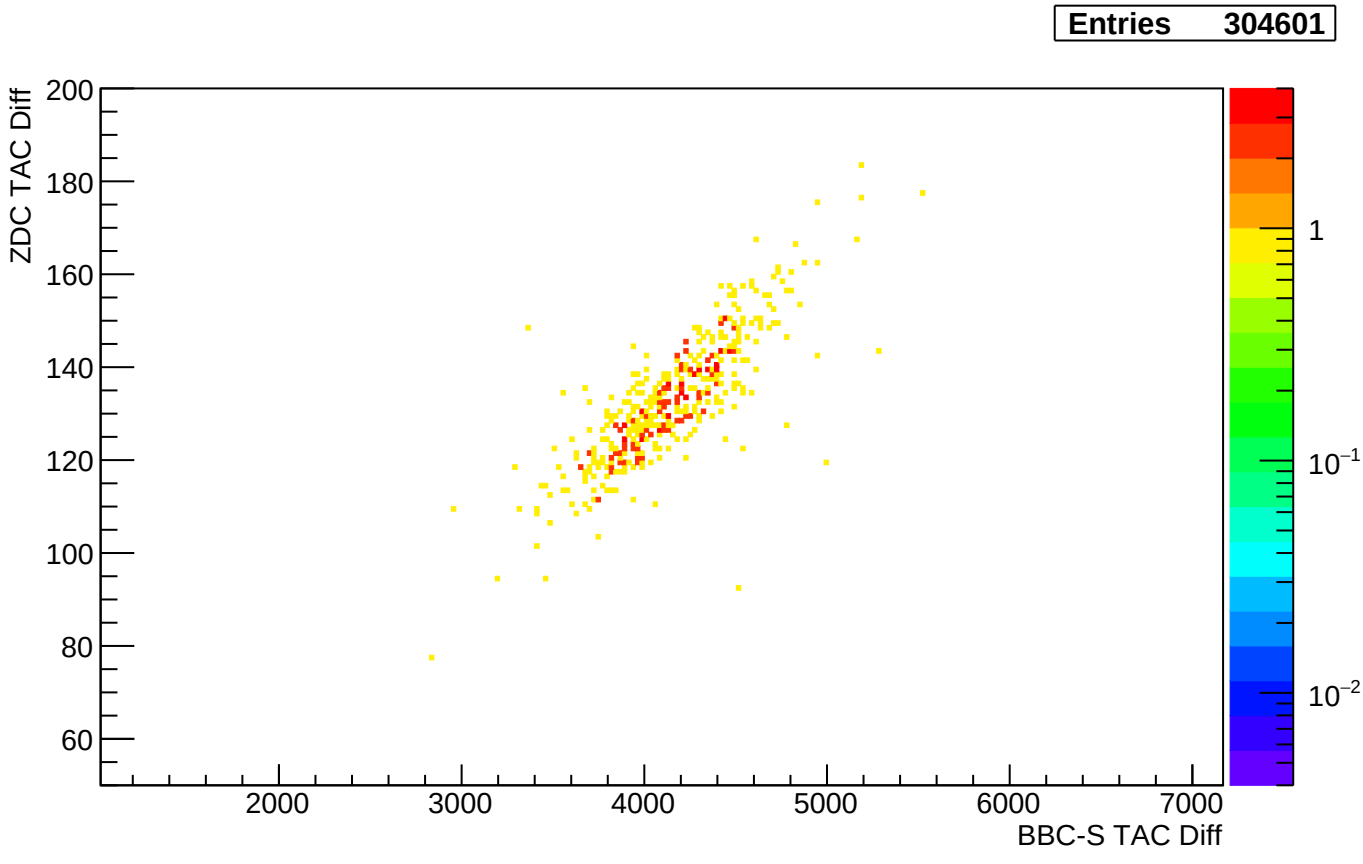

Entries 304601
TOF-Mult
EPD-West Hit Cnt

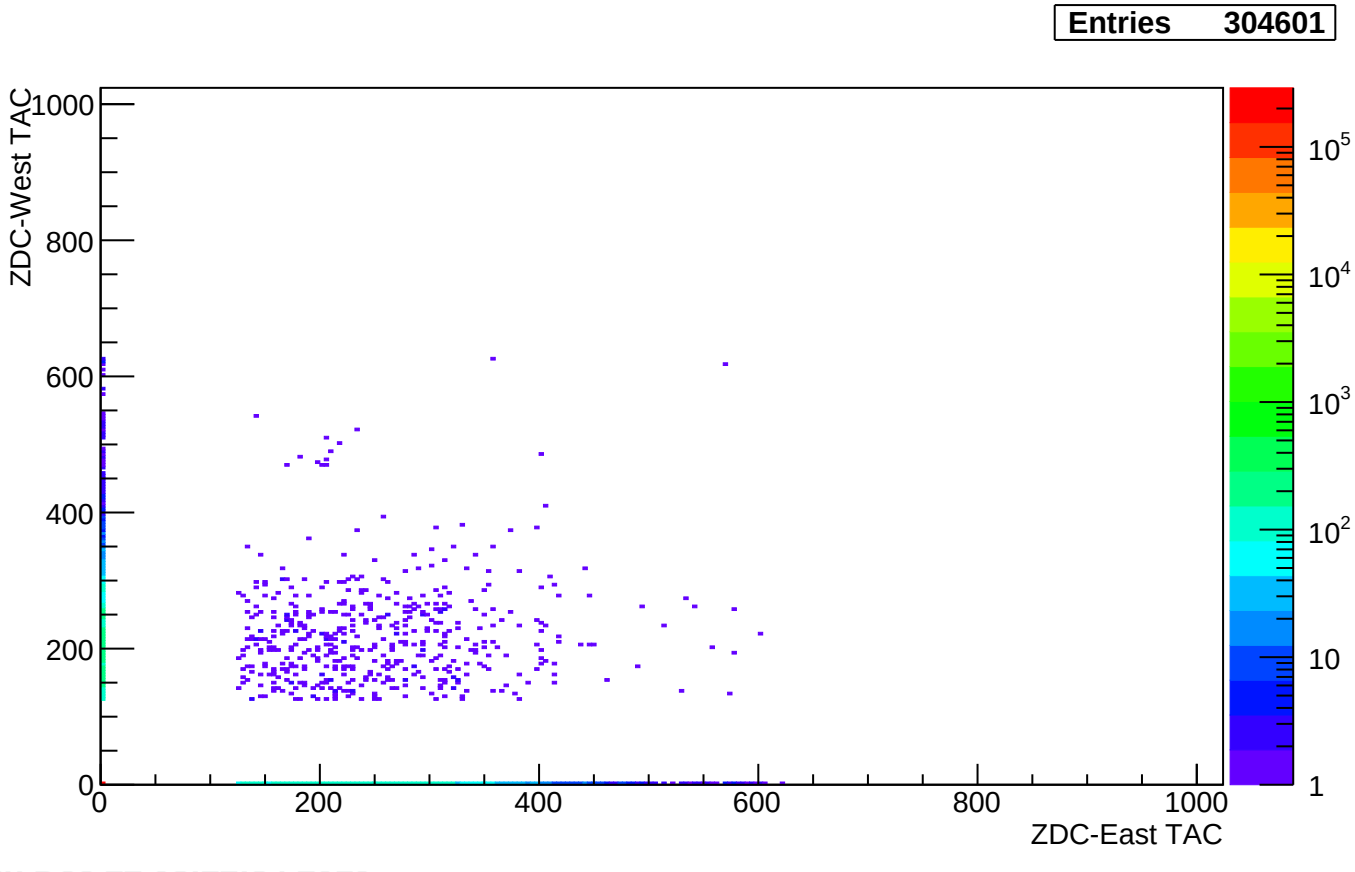

Entries 304601
TOF-Mult
VPD-East ADC Sum

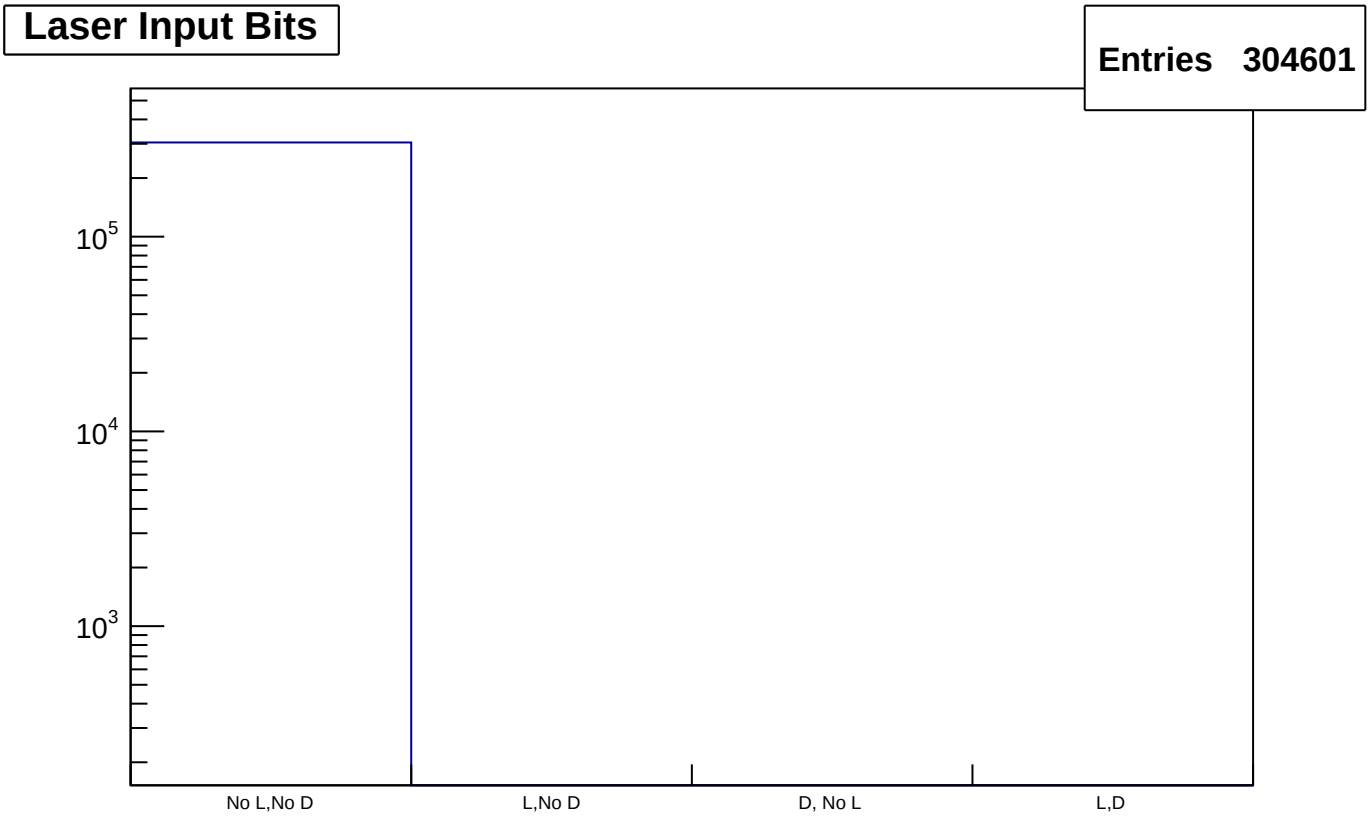

Entries 304601
TOF-Mult
VPD-West ADC Sum

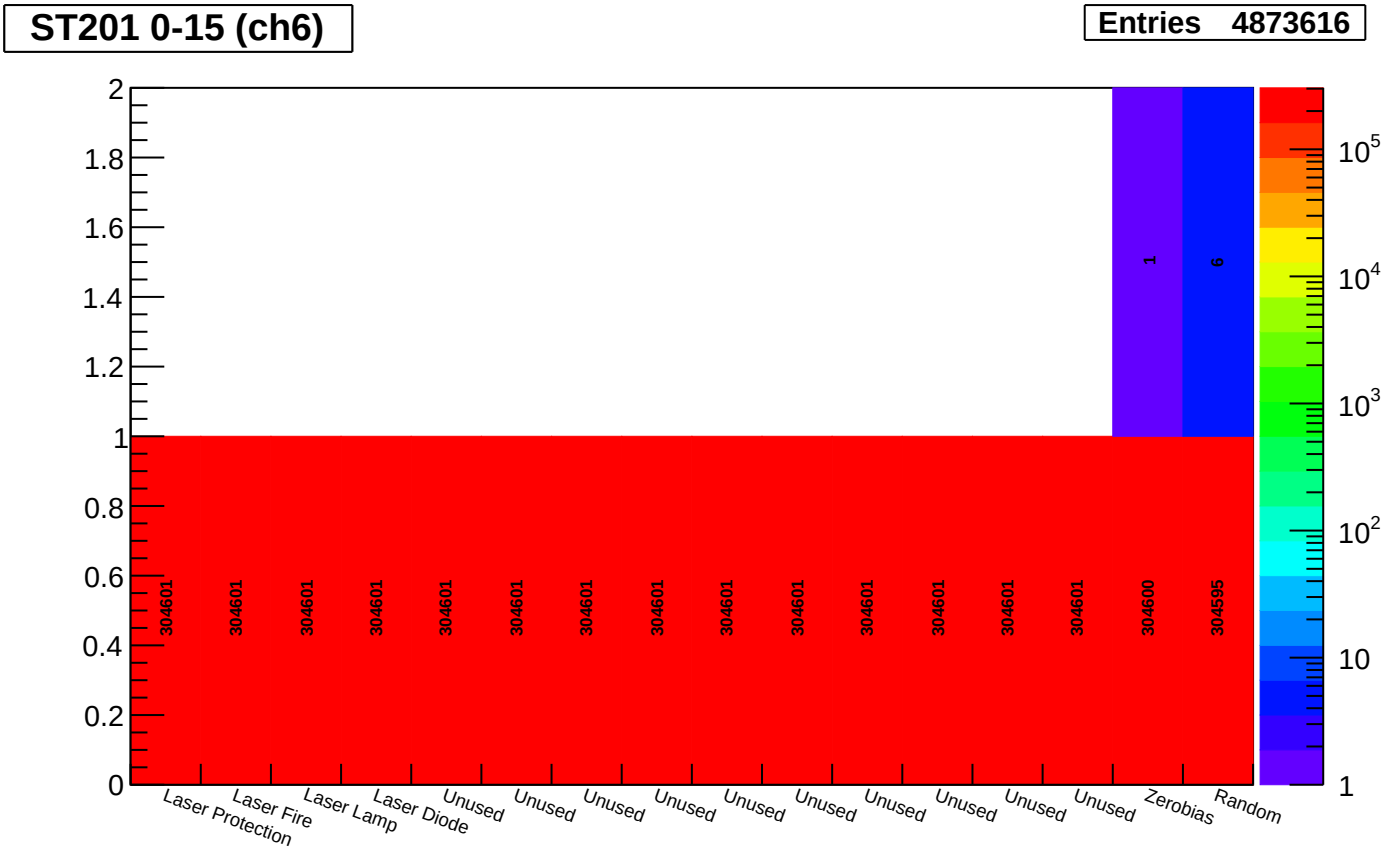

Entries 304601
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

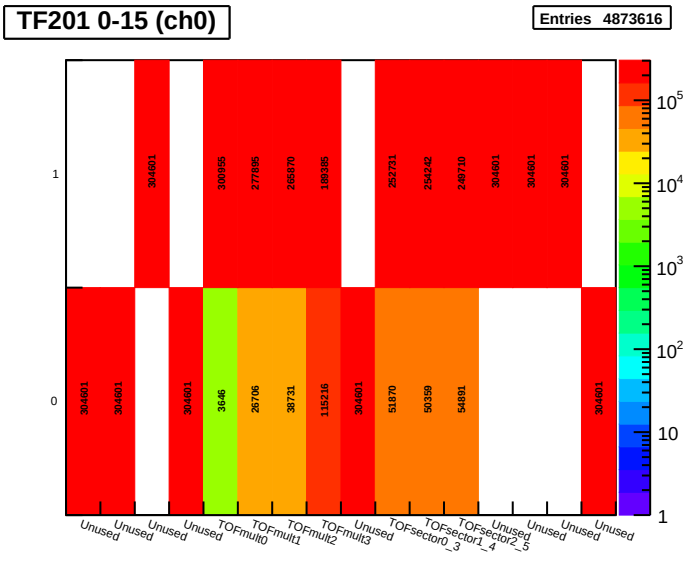

Entries 304601
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

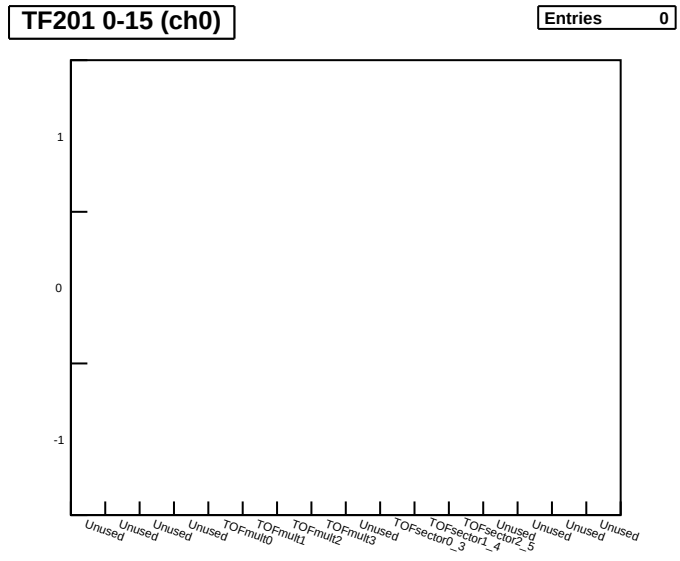

Entries 304601
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

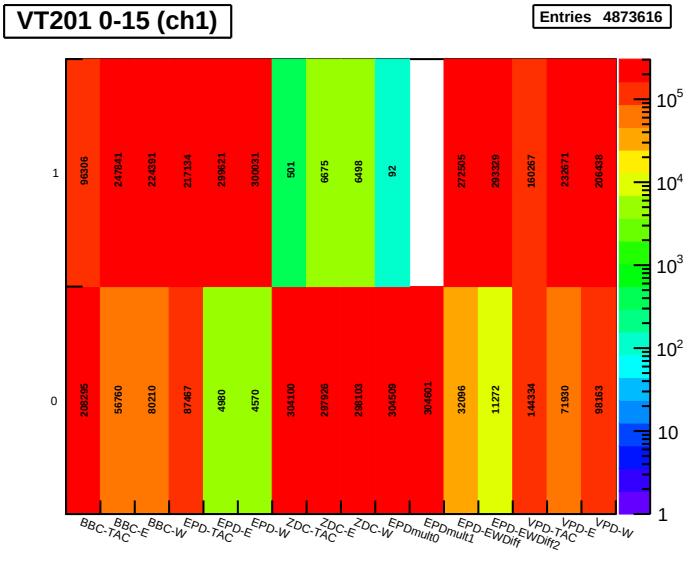

Entries 304601
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

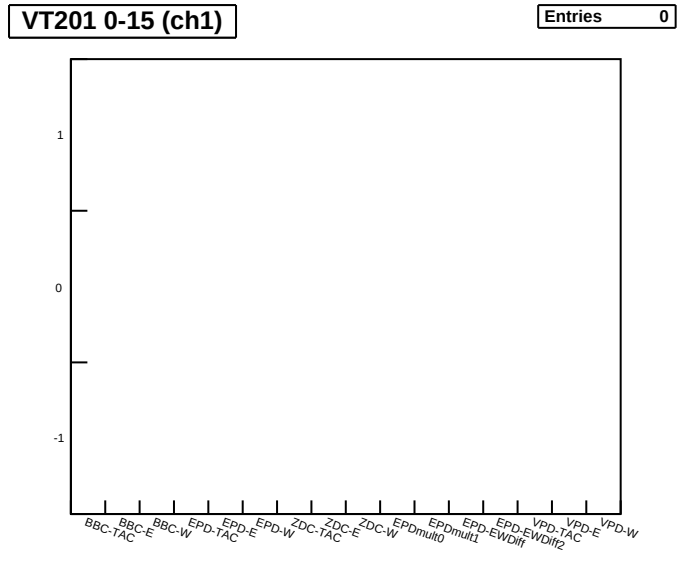

Laser Input Bits
Entries 304601
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

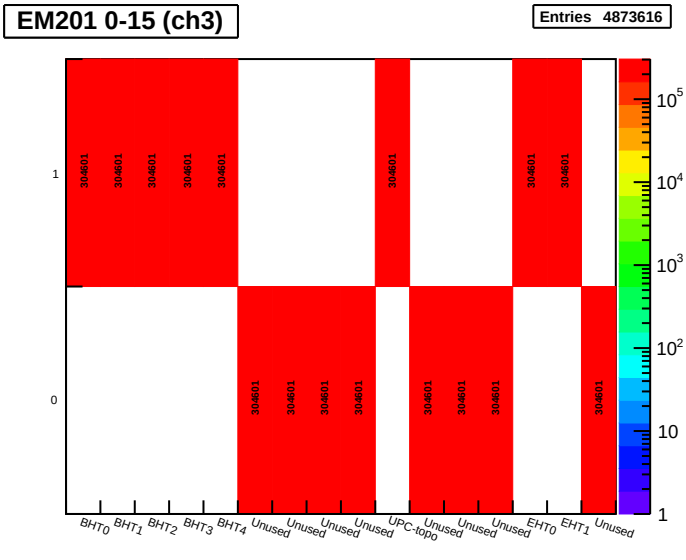

ST201 0-15 (ch6)
Entries 4873616
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
304600
304595
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

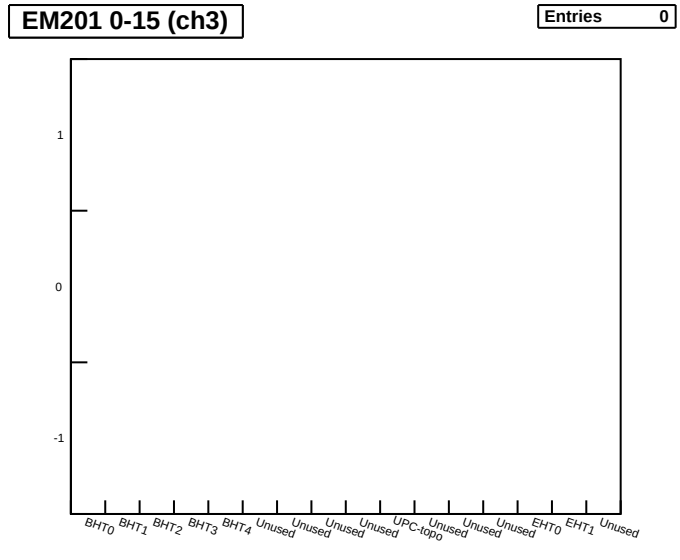

TF201 0-15 (ch0)
Entries 4873616
1
0
304601
300955
277895
265870
189385
252731
254242
249710
304601
304601
304601
304601
304601
304601
3646
26706
38731
115216
304601
51870
50359
54891
304601
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 4873616
1
0
96306
247841
224391
217134
290621
300031
501
6675
6498
92
272505
293329
160267
232671
206438
208295
56760
80210
87467
4980
4570
304100
297926
298103
304509
304601
32096
11272
144334
71930
98163
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 4873616
1
0
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
304601
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