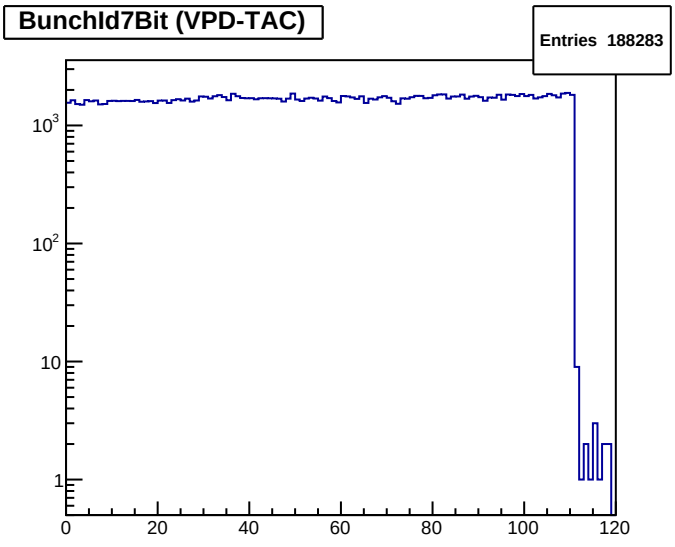
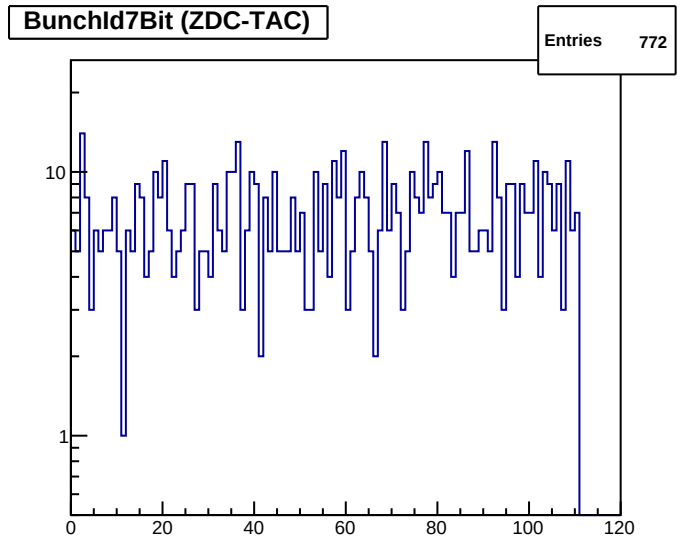
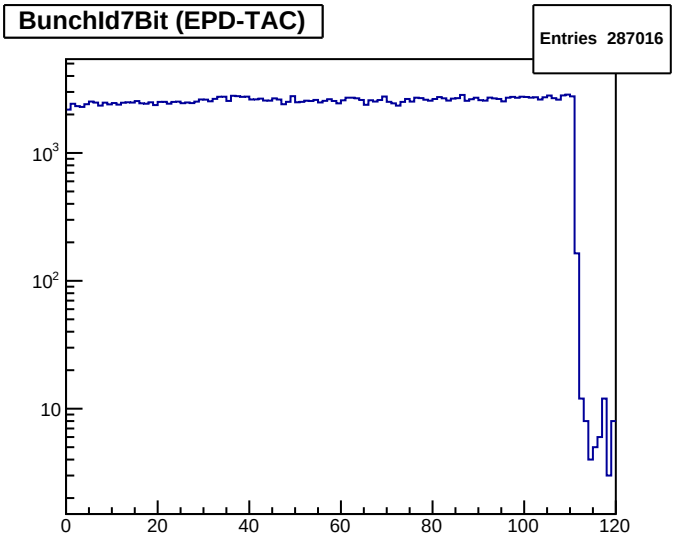
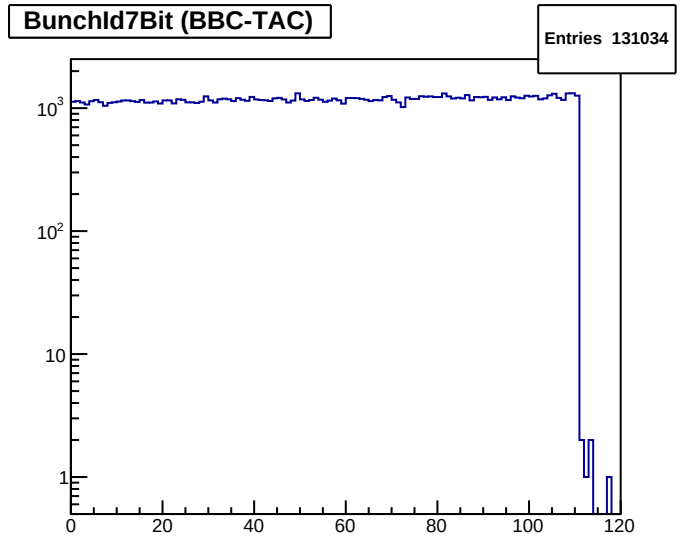
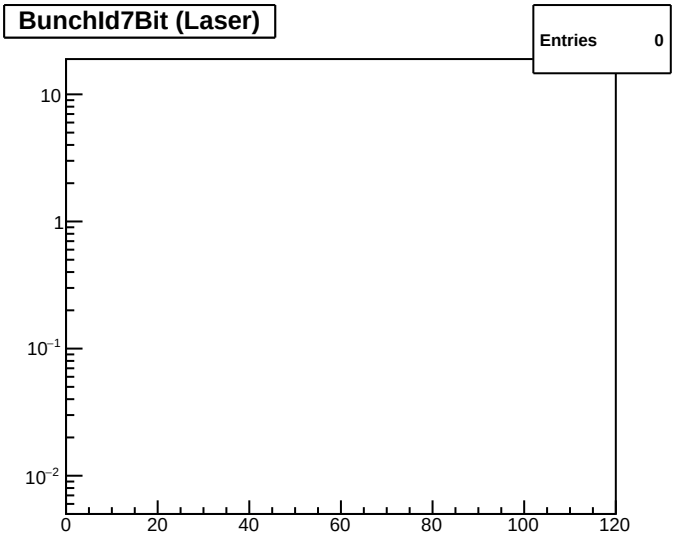
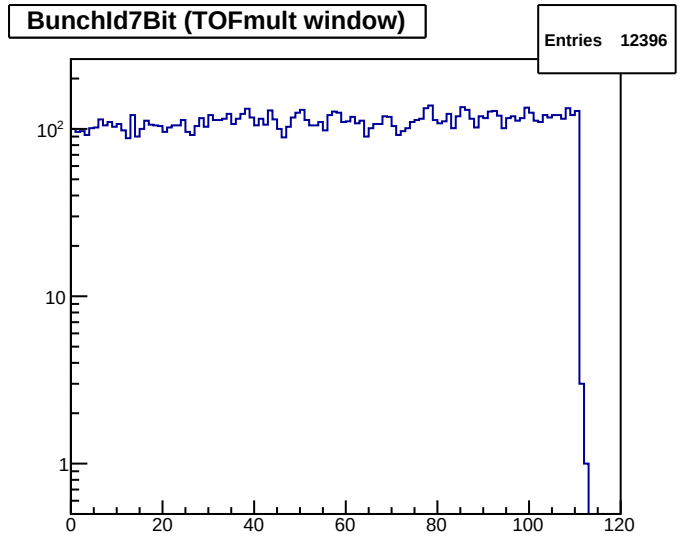

BunchId7Bit (VPD-TAC)
Entries 188283

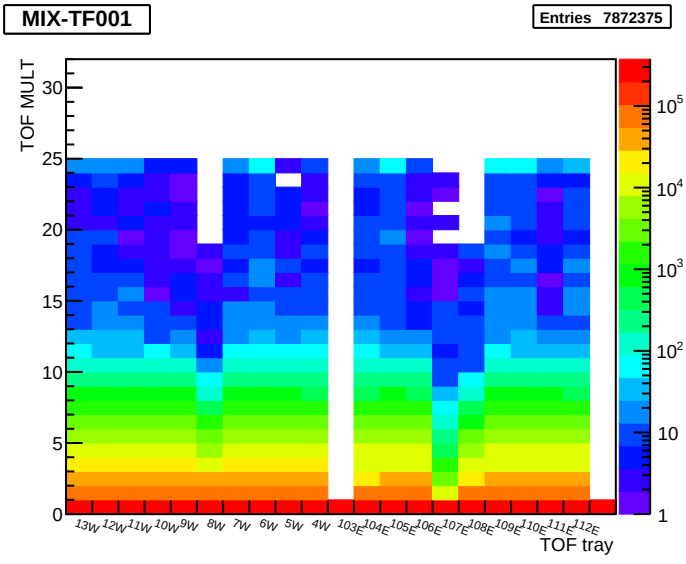

BunchId7Bit (ZDC-TAC)
Entries 772

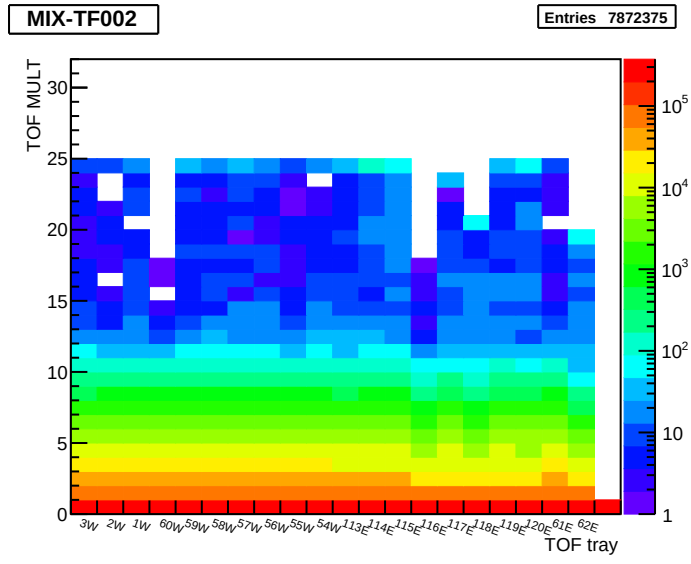

BunchId7Bit (EPD-TAC)
Entries 287016

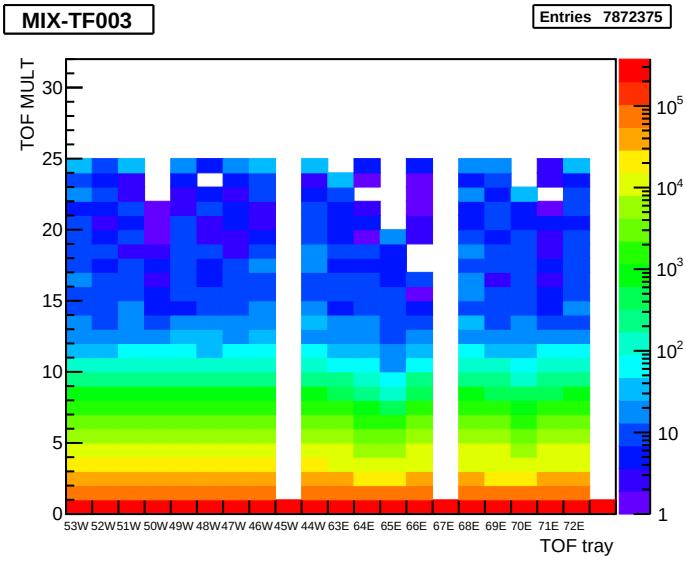

BunchId7Bit (BBC-TAC)
Entries 131034

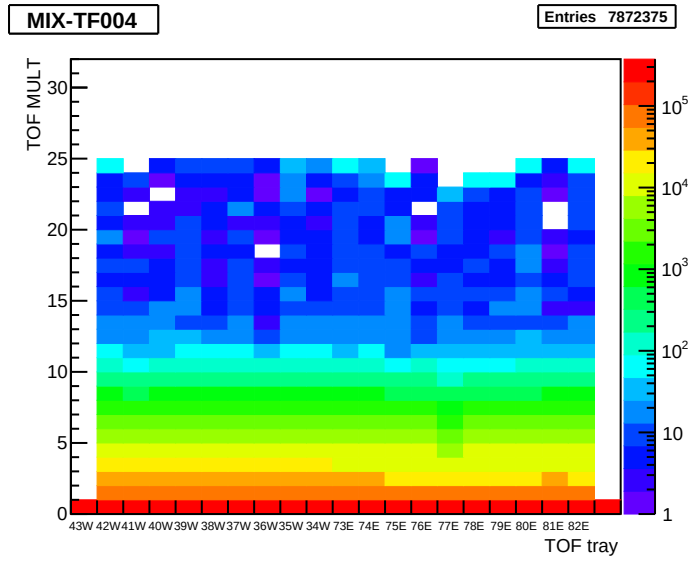

BunchId7Bit (Laser)
Entries 0

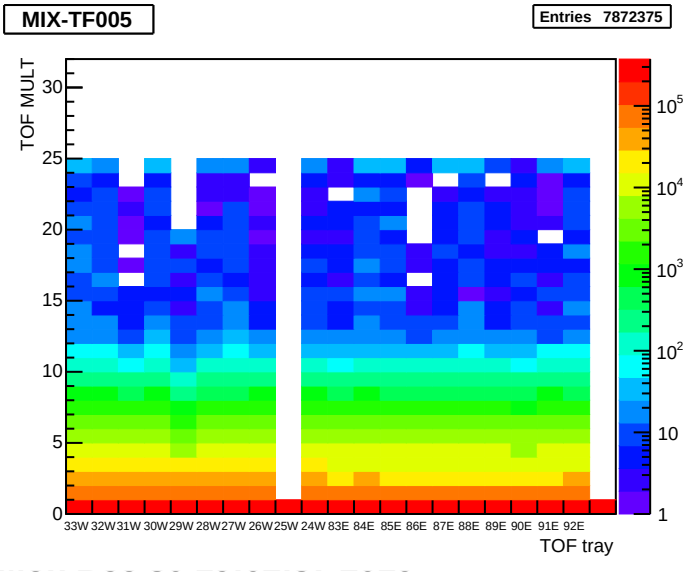

BunchId7Bit (TOFmult window)
Entries 12396

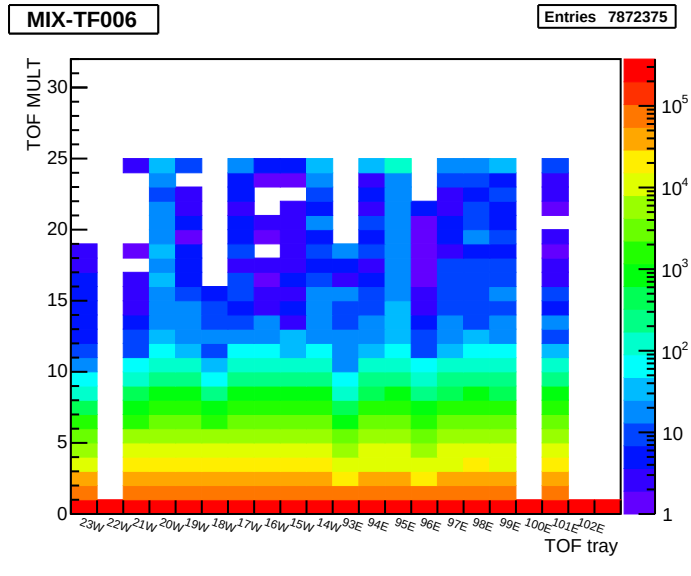

MIX-TF001
Entries 7872375
TOF MULT
TOF tray

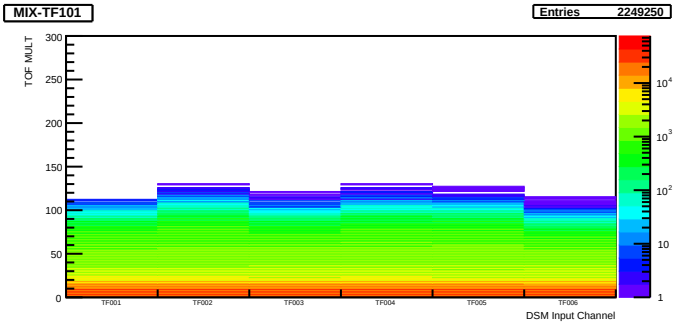

MIX-TF002
Entries 7872375
TOF MULT
TOF tray

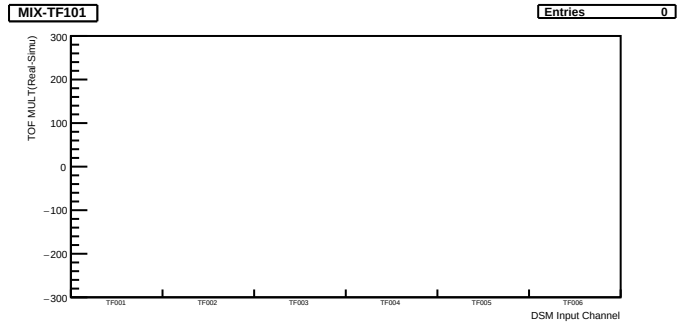

MIX-TF003
Entries 7872375
TOF MULT
TOF tray

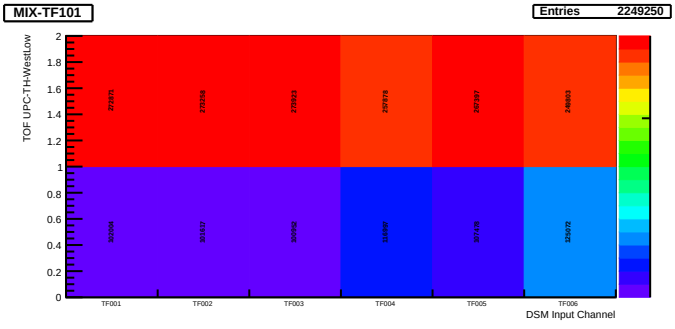

MIX-TF004
Entries 7872375
TOF MULT
TOF tray

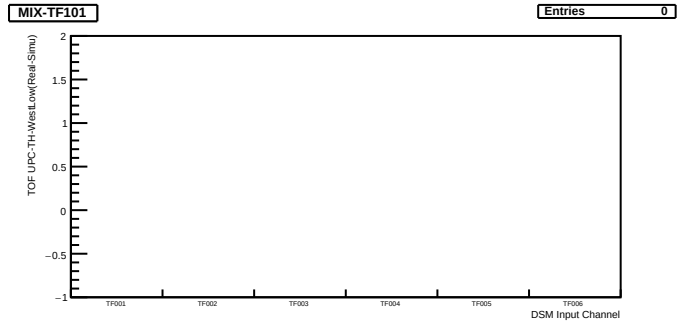

MIX-TF005
Entries 7872375
TOF MULT
TOF tray

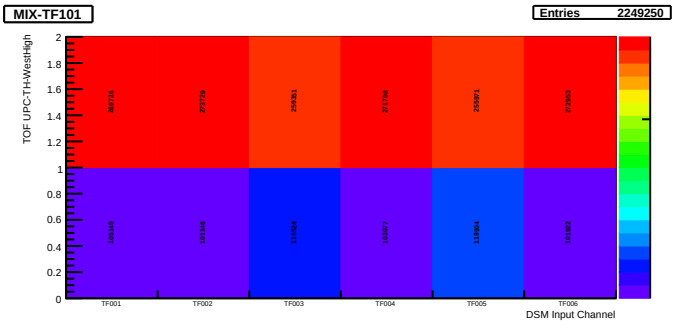

MIX-TF006
Entries 7872375
TOF MULT
TOF tray

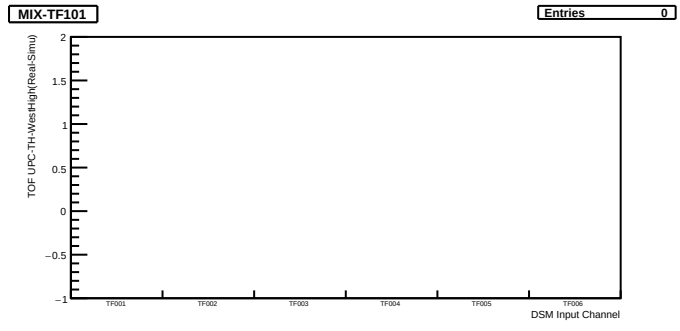

MIX-TF101
Entries 2249250
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

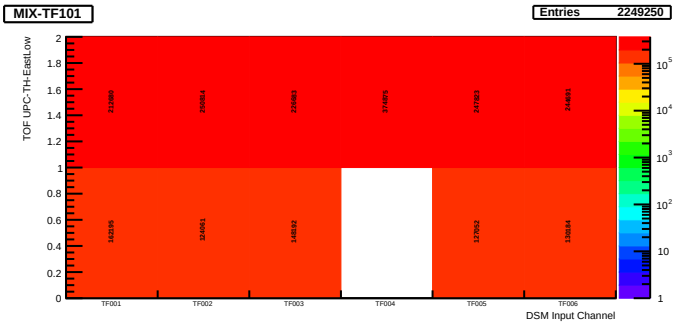

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

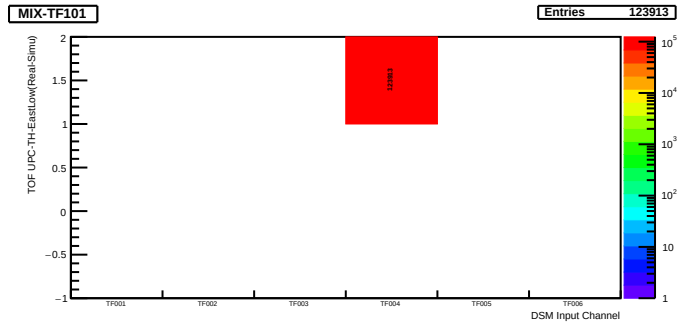

MIX-TF101
Entries 2249250
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

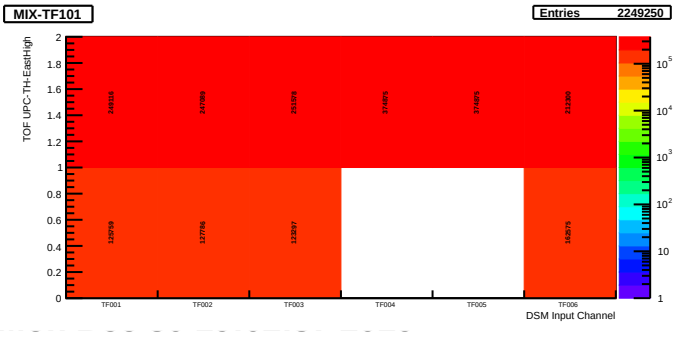

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

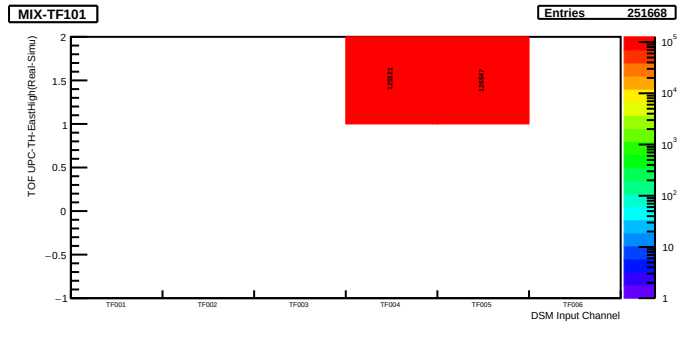

MIX-TF101
Entries 2249250
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

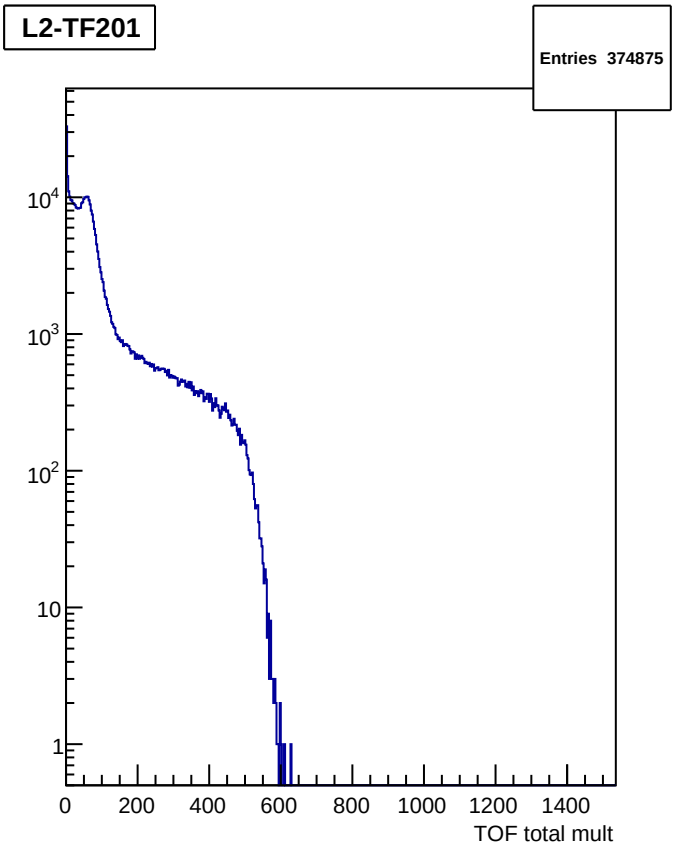

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

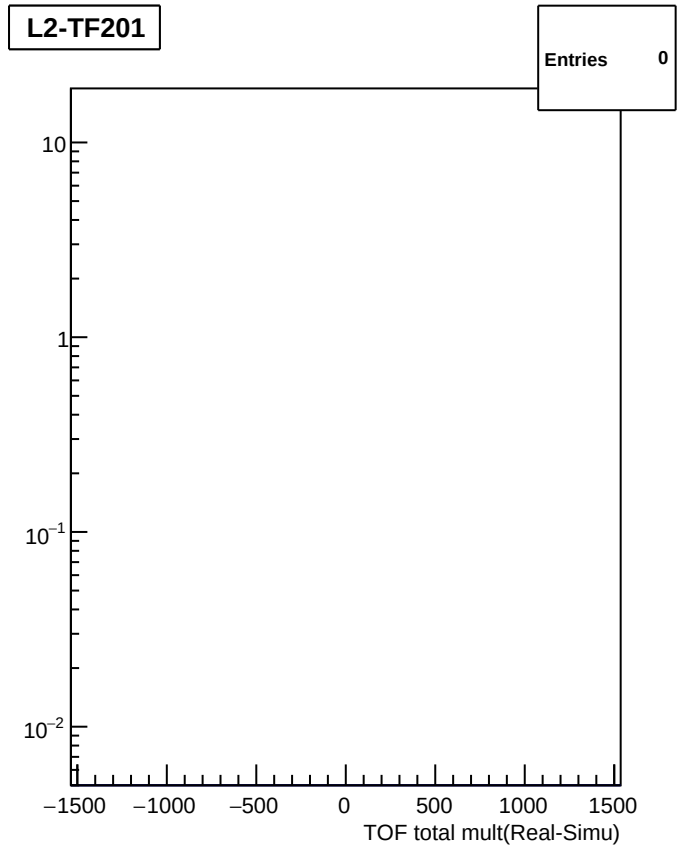

MIX-TF101
Entries 2249250
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

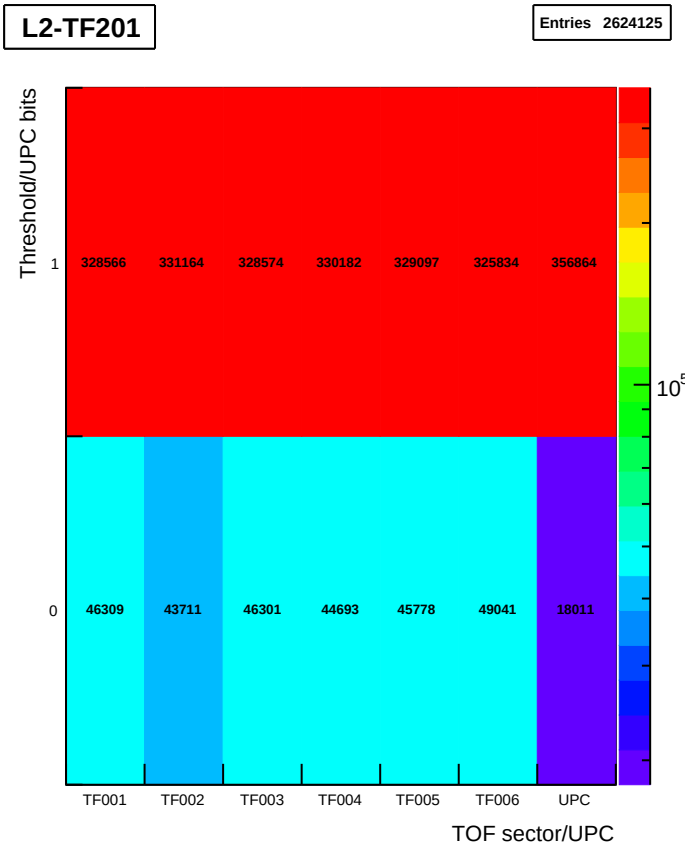

MIX-TF101
Entries 123913
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

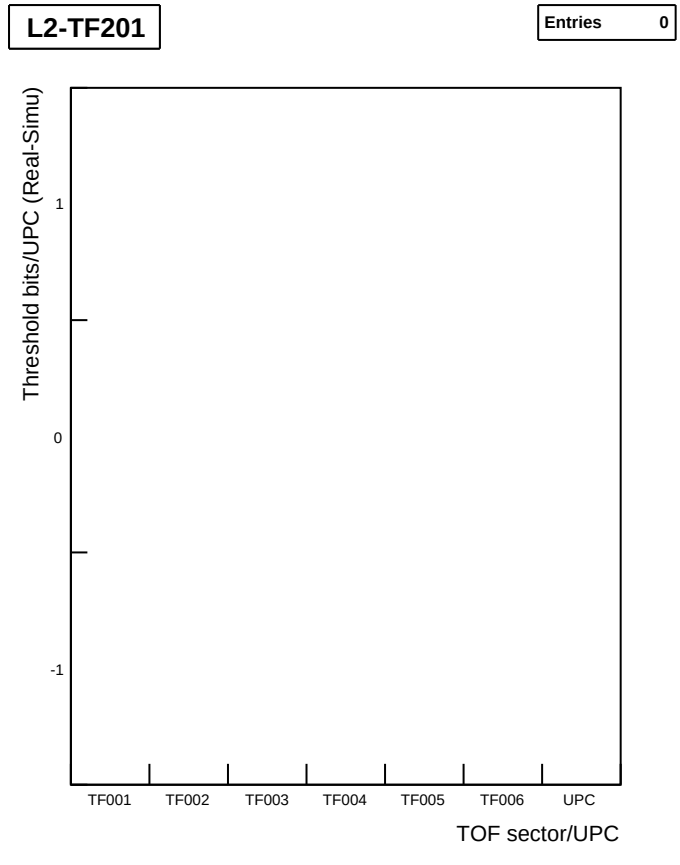

MIX-TF101
Entries 2249250
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

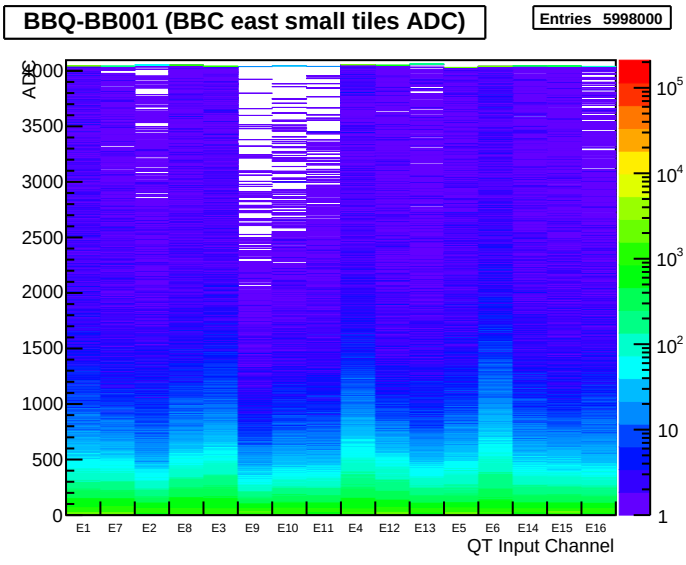

MIX-TF101
Entries 251668
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

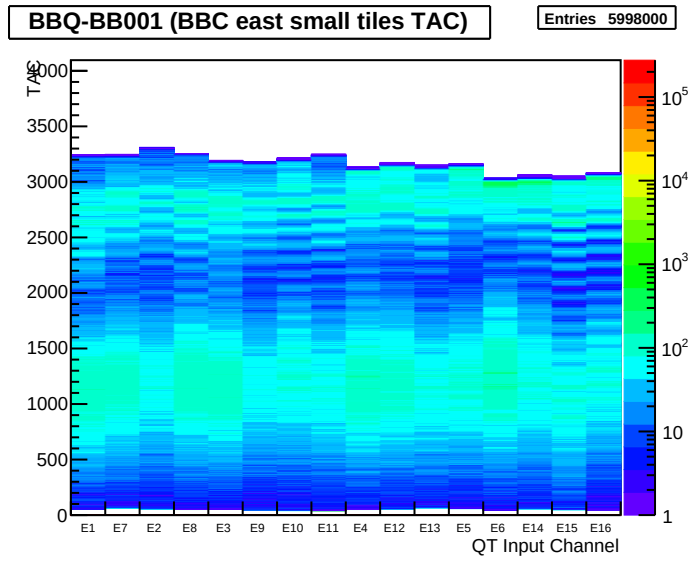

L2-TF201
Entries 374875
TOF total mult

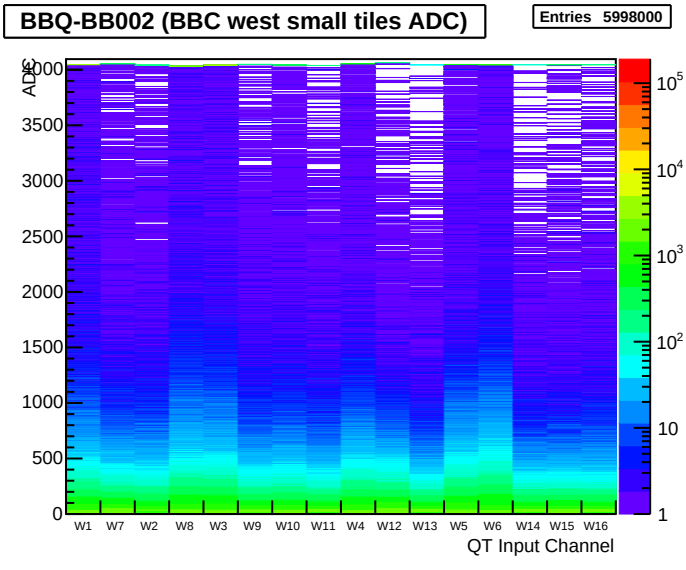

L2-TF201
Entries 0
TOF total mult(Real-Simu)

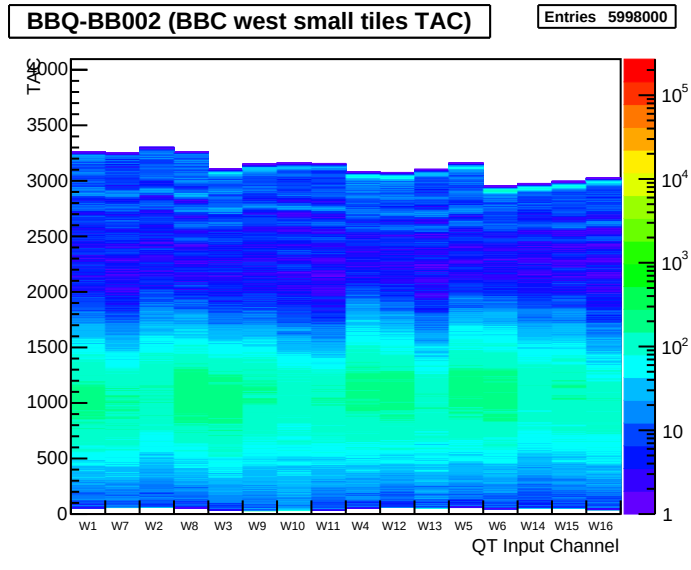

L2-TF201
Entries 2624125
Threshold/UPC bits
328566
331164
328574
330182
329097
325834
356864
46309
43711
46301
44693
45778
49041
18011
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

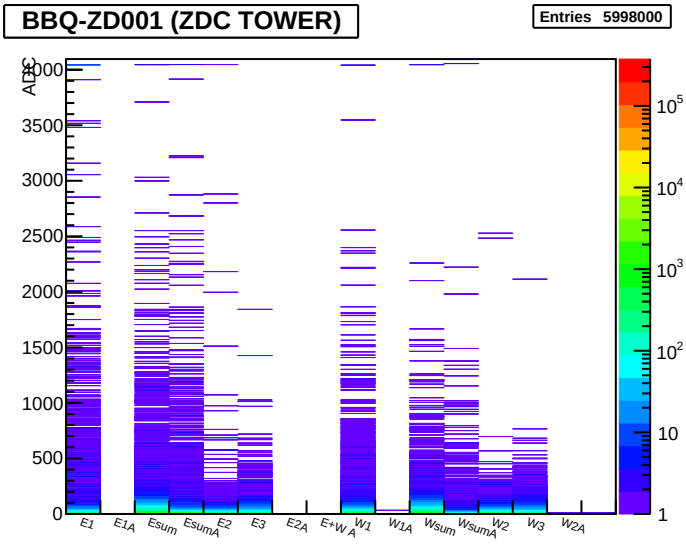

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

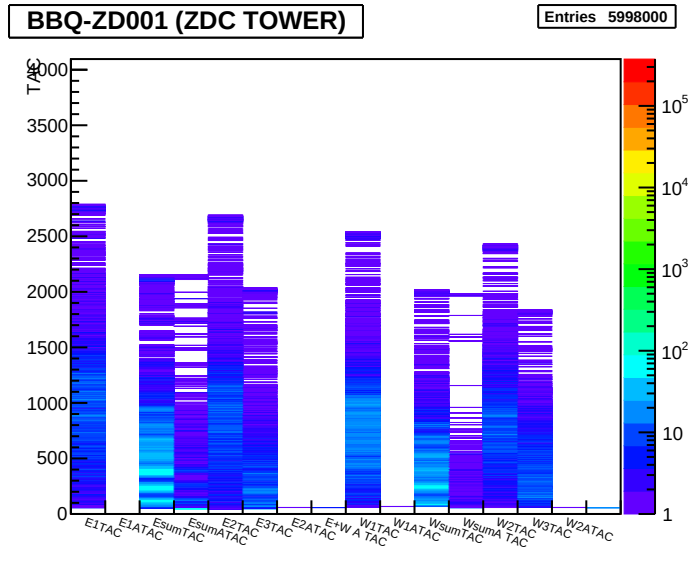

BBQ-BB001 (BBC east small tiles ADC)
Entries 5998000
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

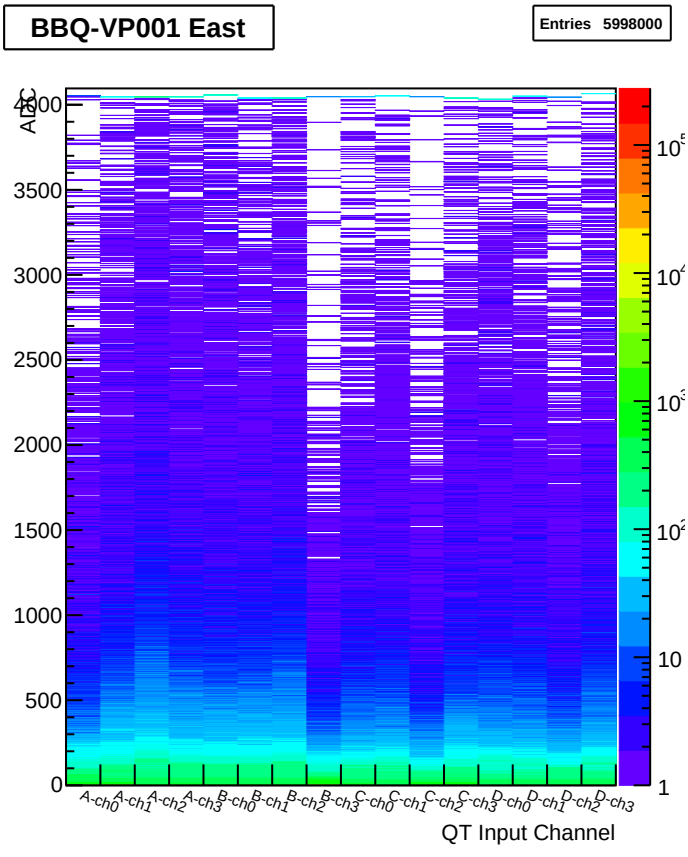

BBQ-BB001 (BBC east small tiles TAC)
Entries 5998000
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

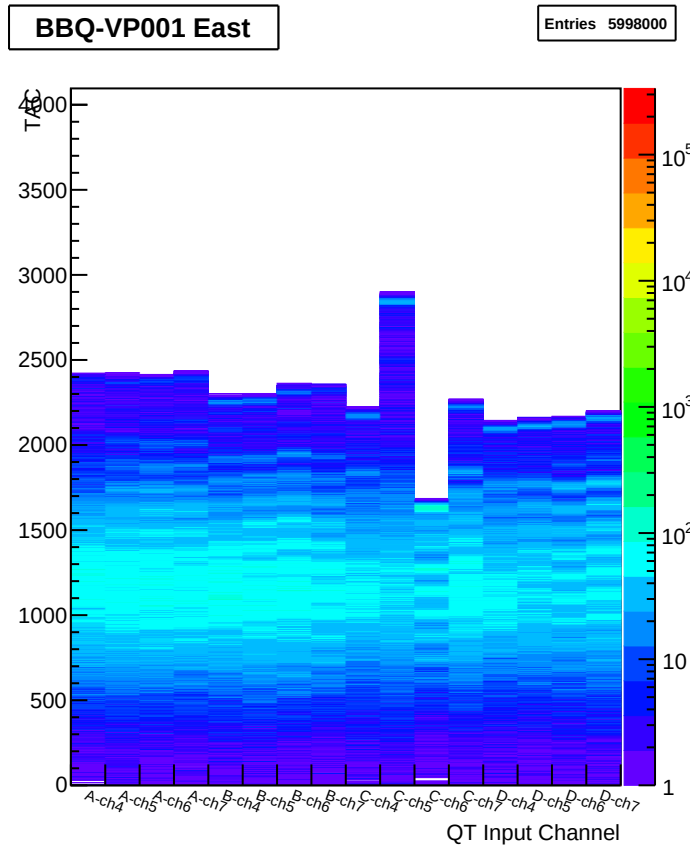

BBQ-BB002 (BBC west small tiles ADC)
Entries 5998000
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

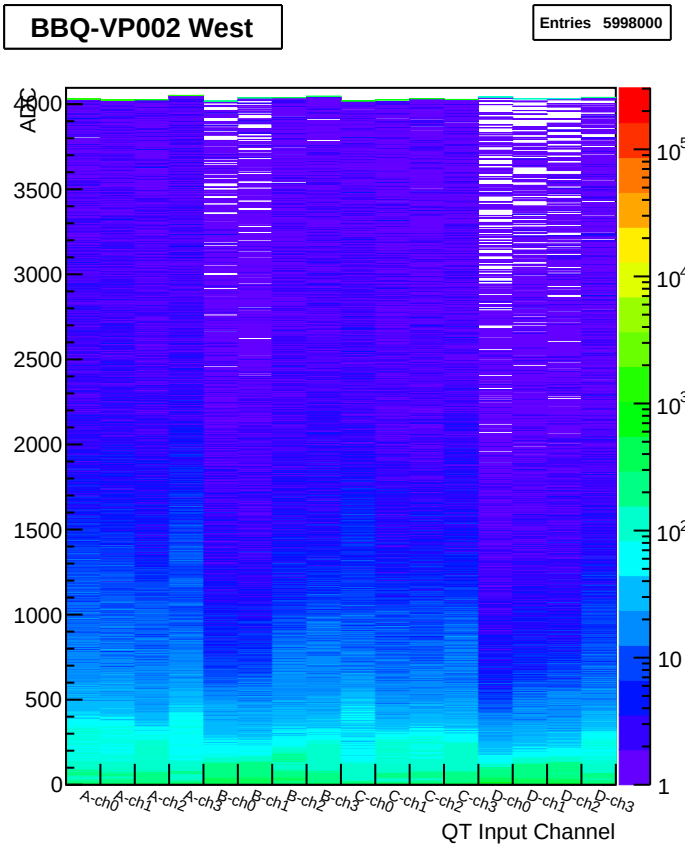

BBQ-BB002 (BBC west small tiles TAC)
Entries 5998000
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

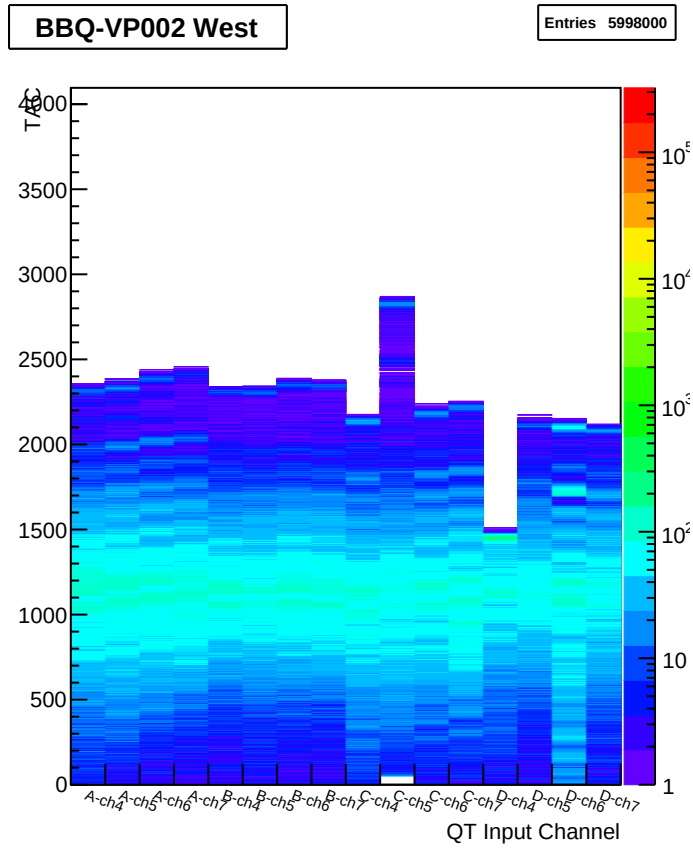

BBQ-ZD001 (ZDC TOWER)
Entries 5998000
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

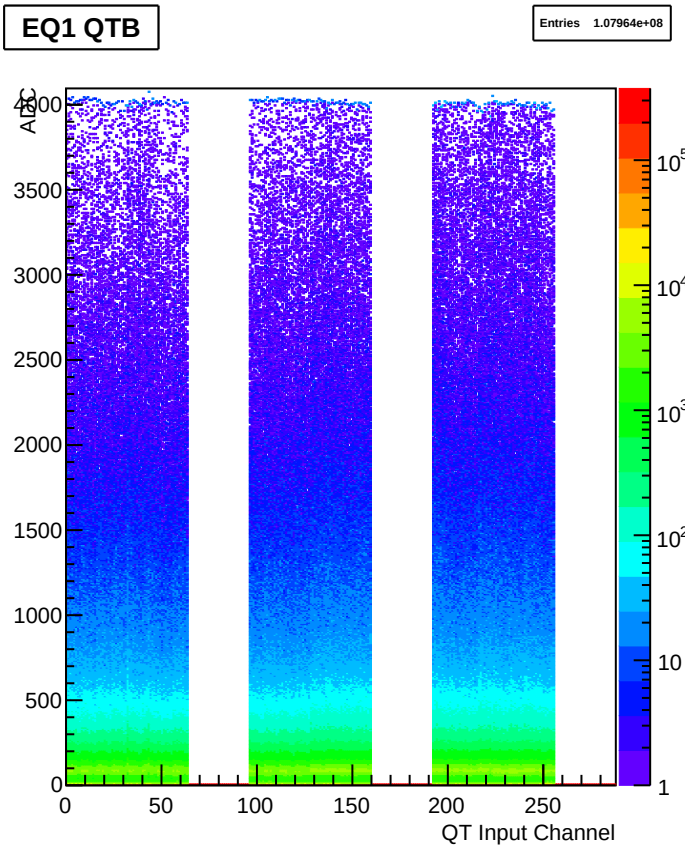

BBQ-ZD001 (ZDC TOWER)
Entries 5998000
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

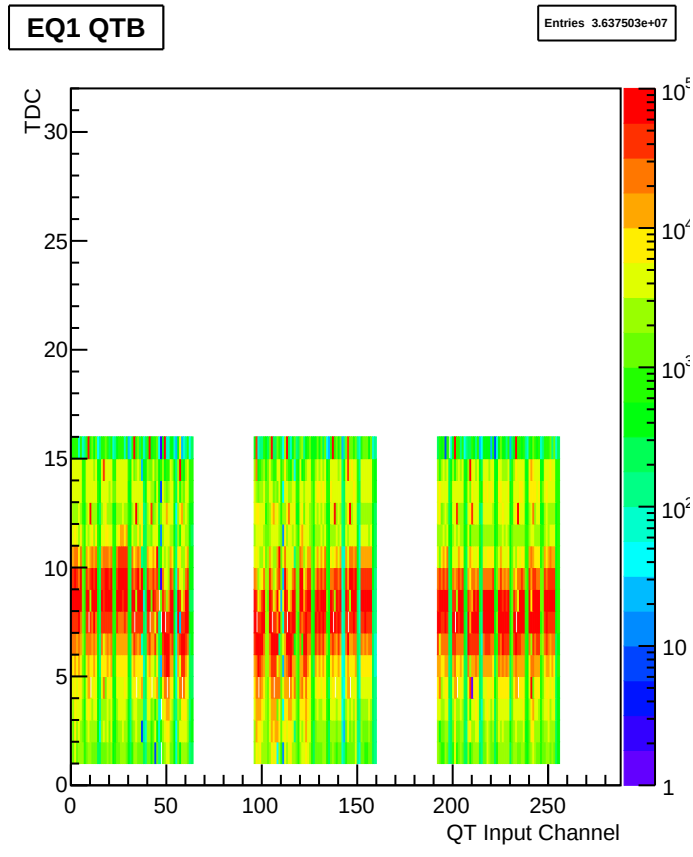

BBQ-VP001 East
Entries 5998000
ADC
QT Input Channel

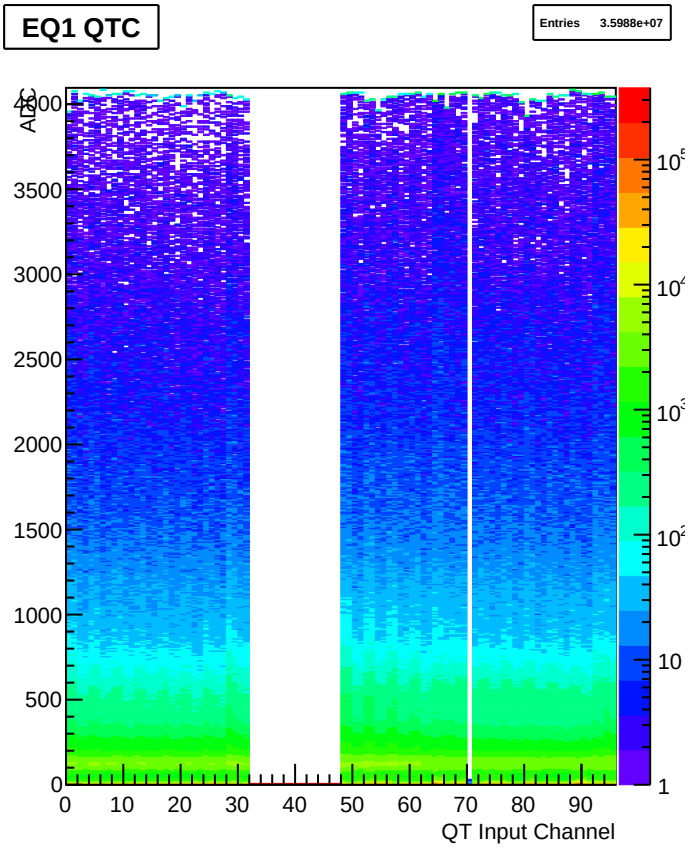

BBQ-VP001 East
Entries 5998000
ADC
QT Input Channel

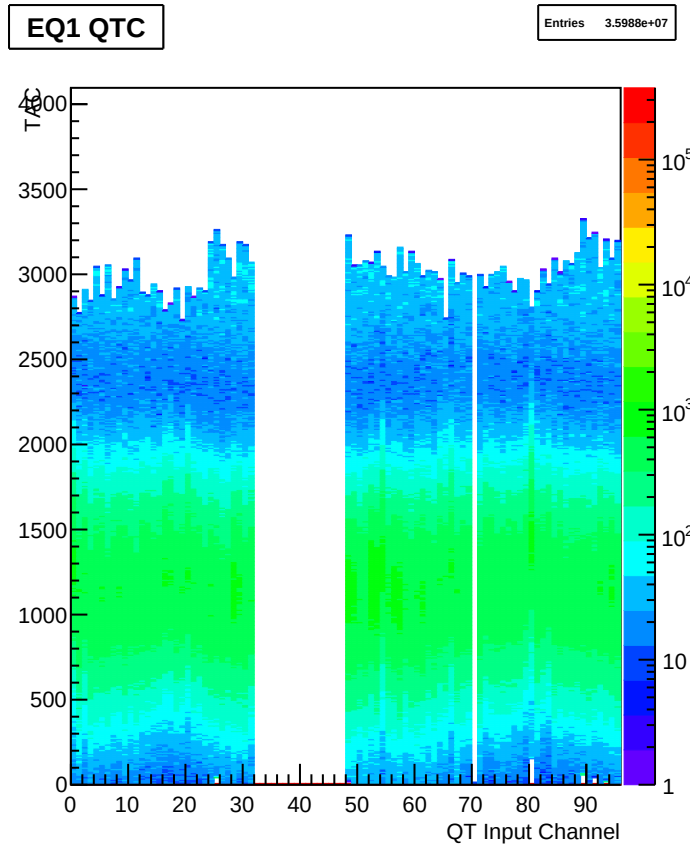

BBQ-VP002 West
Entries 5998000
ADC
QT Input Channel

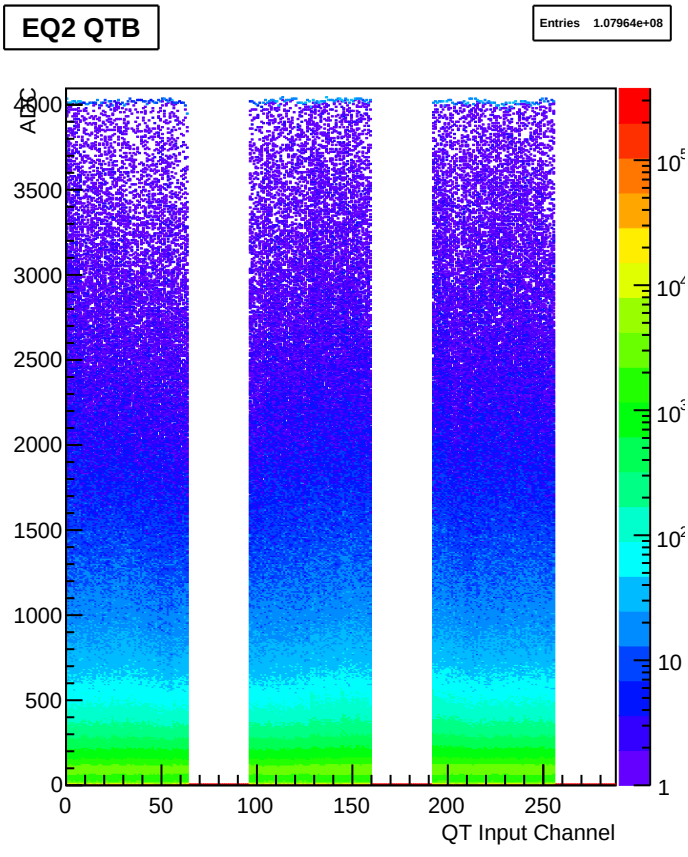

BBQ-VP002 West
Entries 5998000
ADC
QT Input Channel

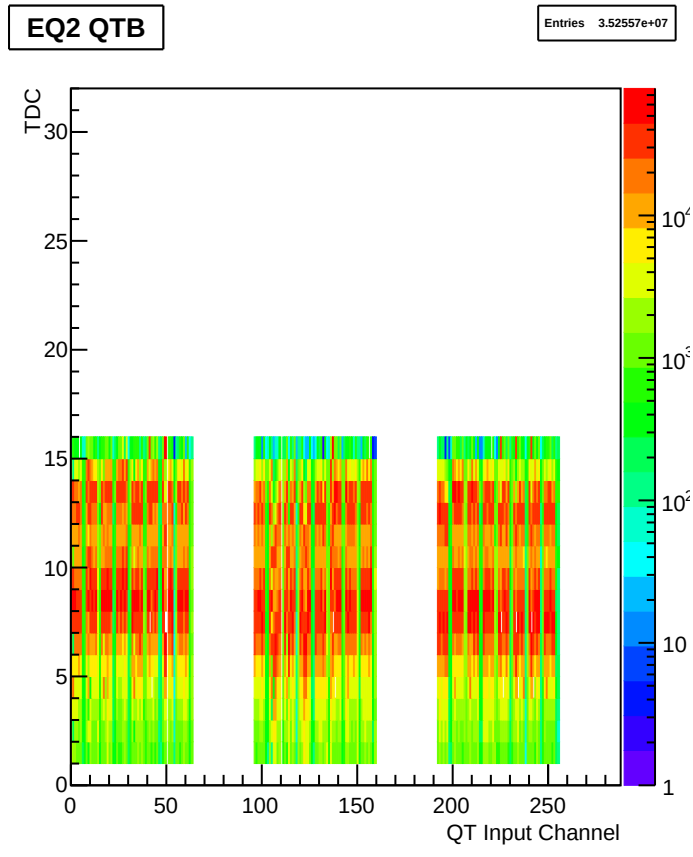

EQ1 QTB
Entries 1.07964e+08
ADC
QT Input Channel

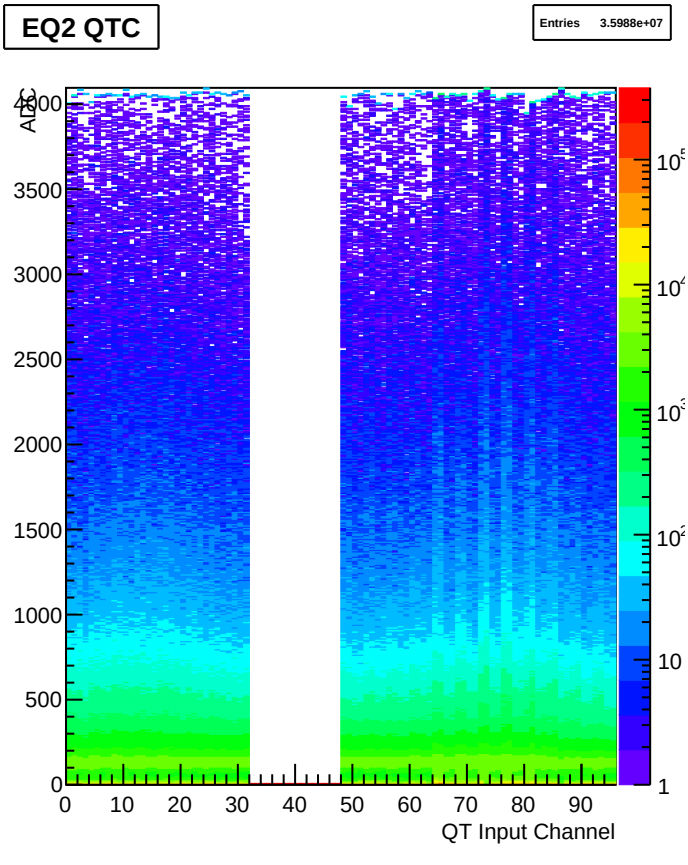

EQ1 QTB
Entries 3.637503e+07
TDC
QT Input Channel

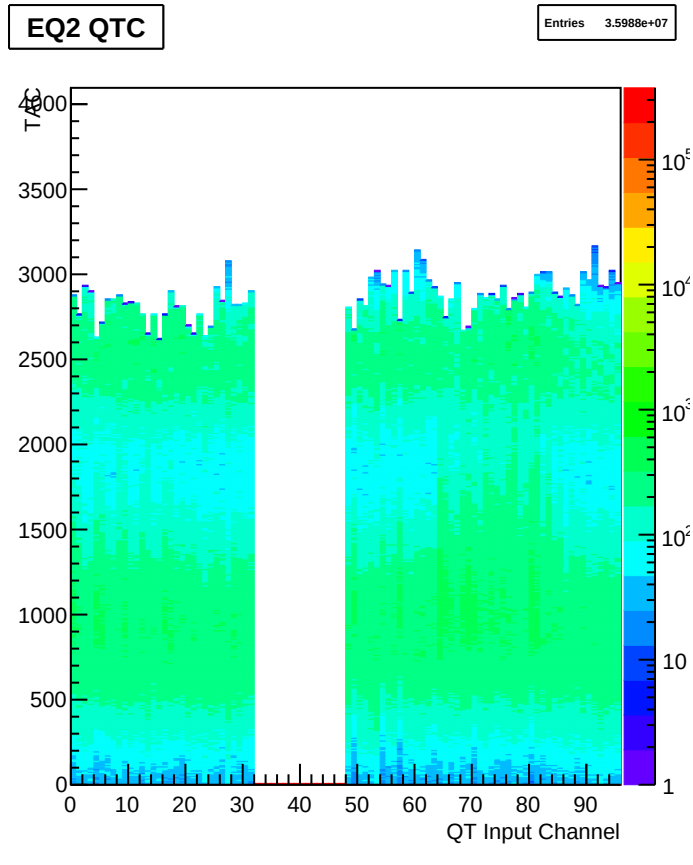

EQ1 QTC
Entries 3.5988e+07
ADC
QT Input Channel

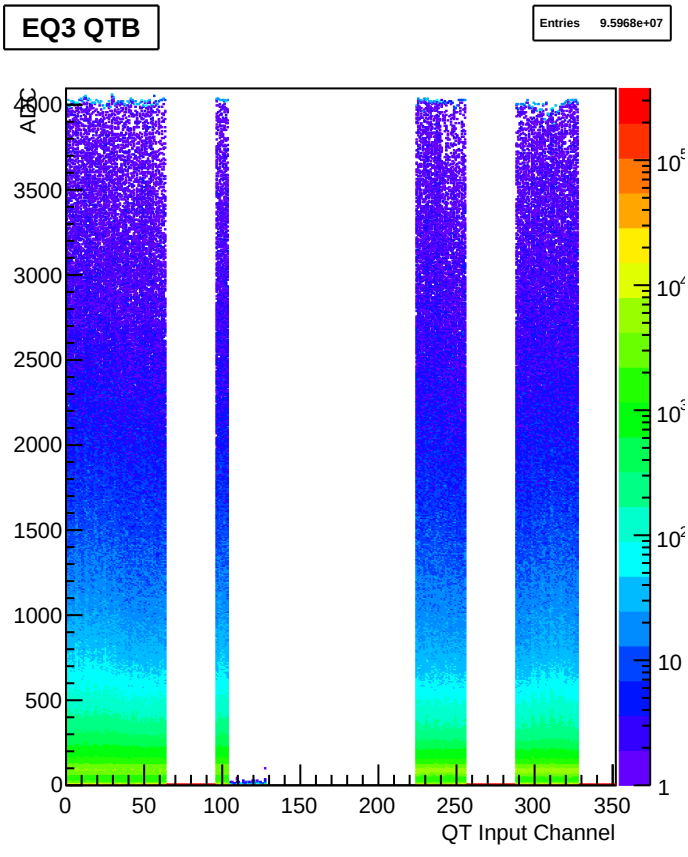

EQ1 QTC
Entries 3.5988e+07
TADC
QT Input Channel

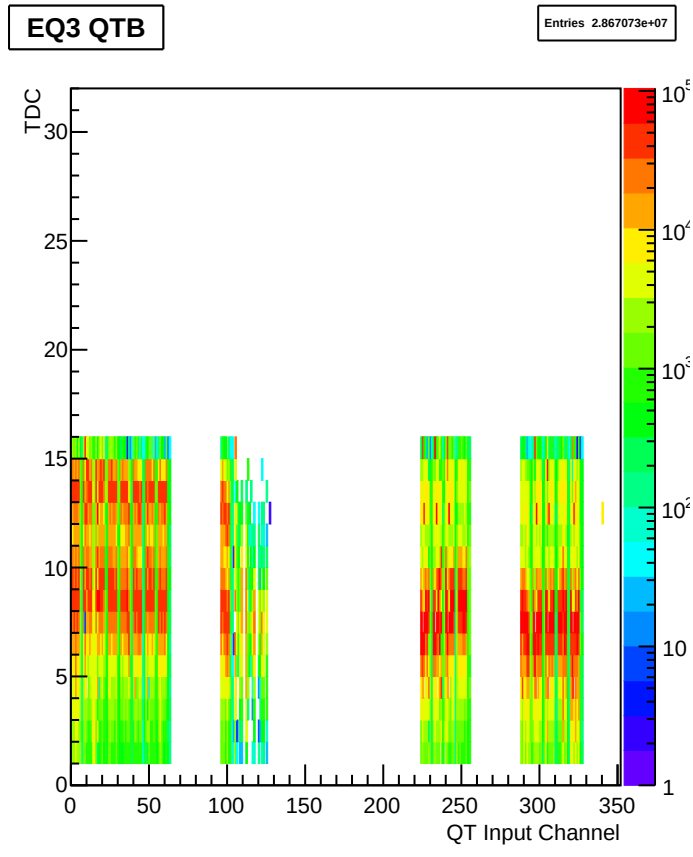

EQ2 QTB
Entries 1.07964e+08
ADC
QT Input Channel

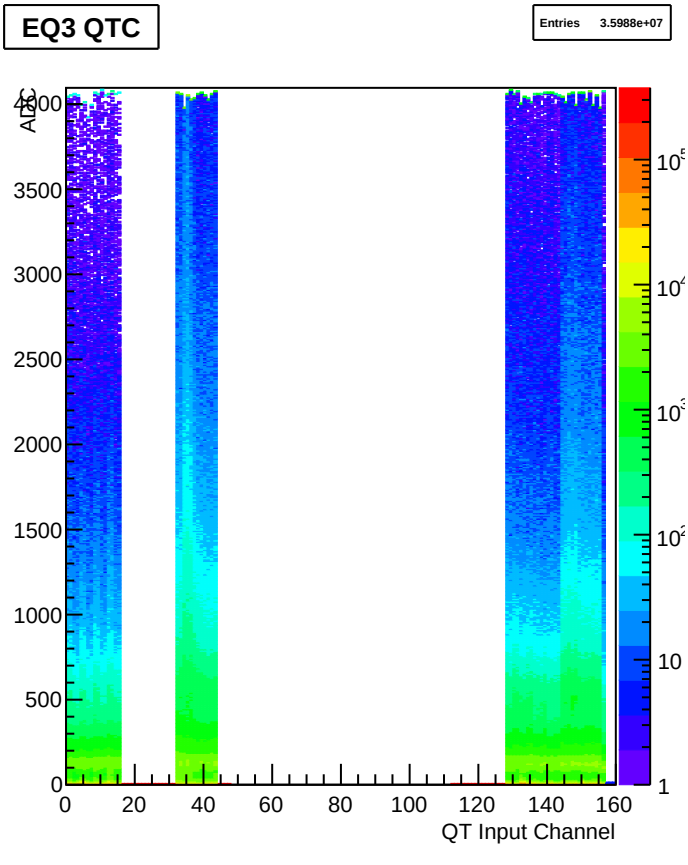

EQ2 QTB
Entries 3.52557e+07
TDC
QT Input Channel

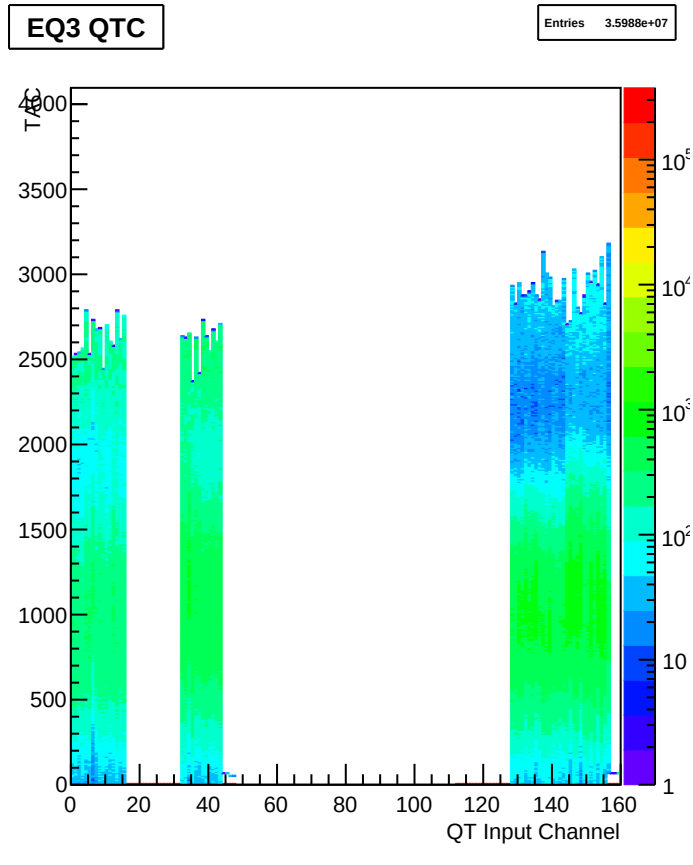

EQ2 QTC
Entries 3.5988e+07
ADC
QT Input Channel

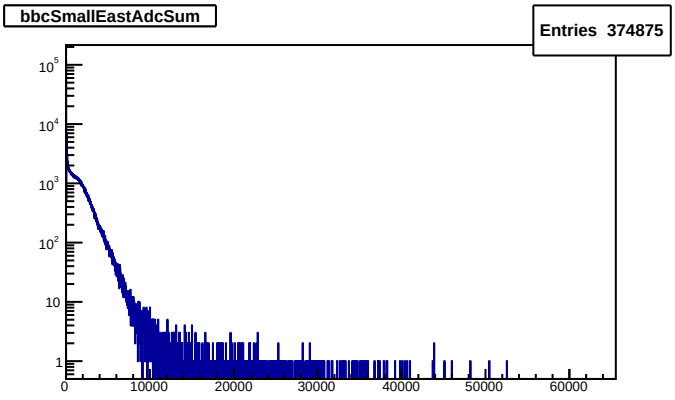

EQ2 QTC
Entries 3.5988e+07
TADC
QT Input Channel

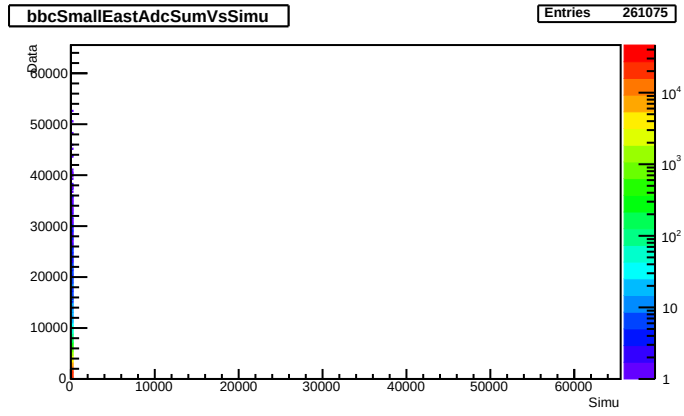

EQ3 QTB
Entries 9.5968e+07
ADC
QT Input Channel

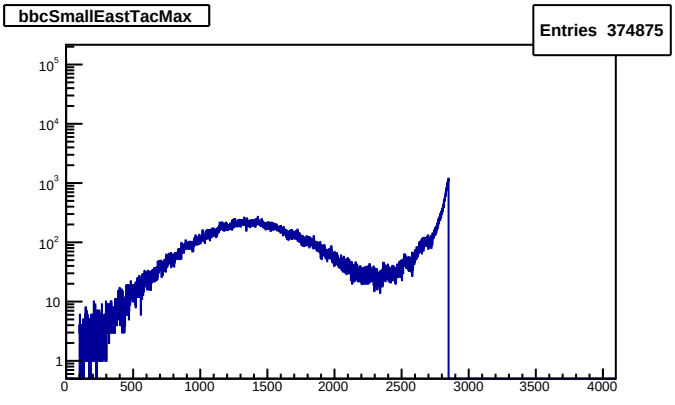

EQ3 QTB
Entries 2.867073e+07
TDC
QT Input Channel

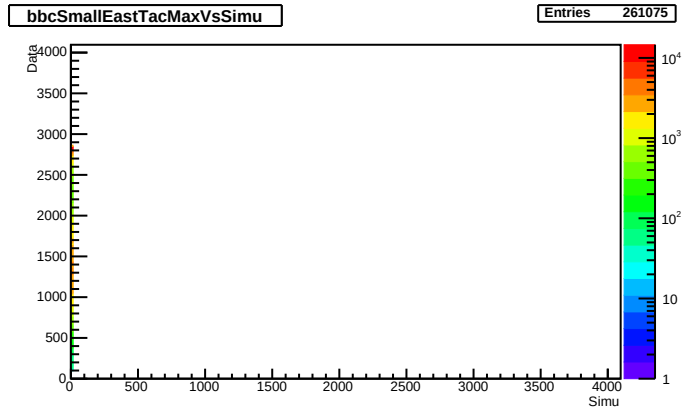

EQ3 QTC
Entries 3.5988e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.5988e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 374875


bbcSmallEastAdcSumVsSimu
Entries 261075
Data
Simu


bbcSmallEastTacMax
Entries 374875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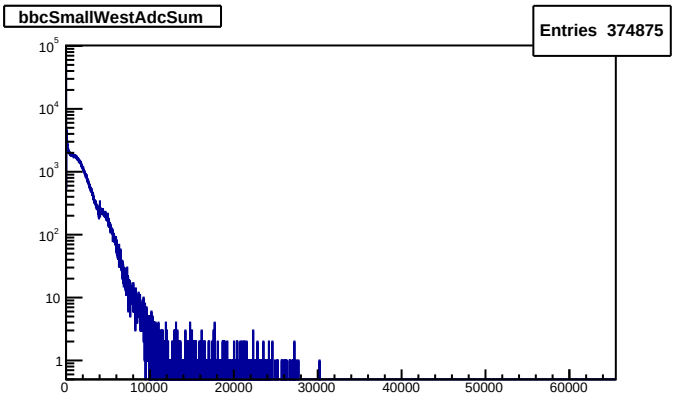
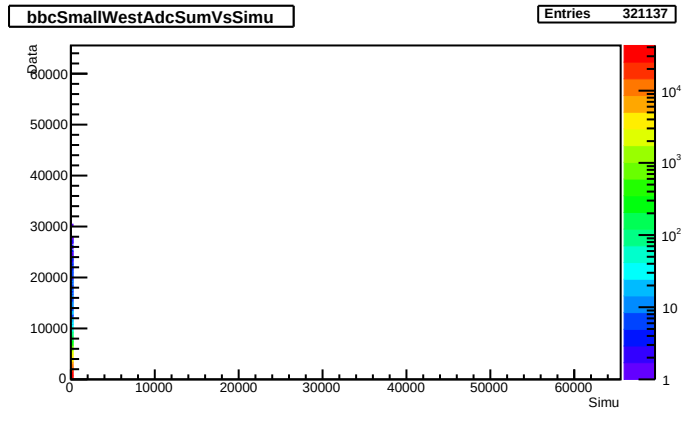
Entries 261075
Data
Simu


bbcSmallWestAdcSum
Entries 374875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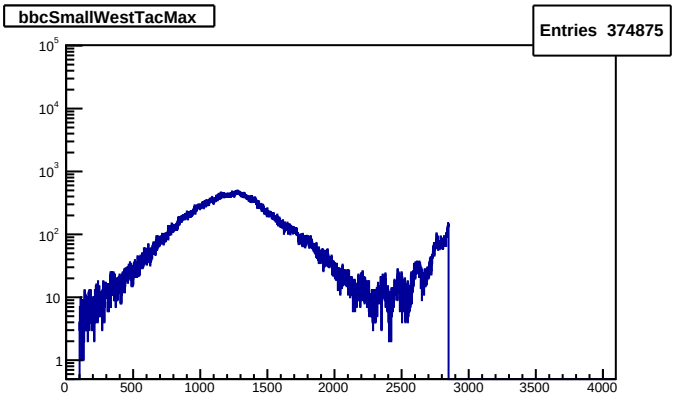
Entries 321137
Data
Simu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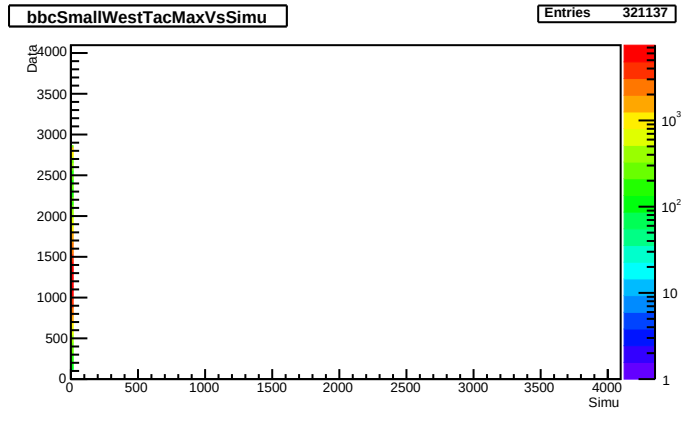
Entries 374875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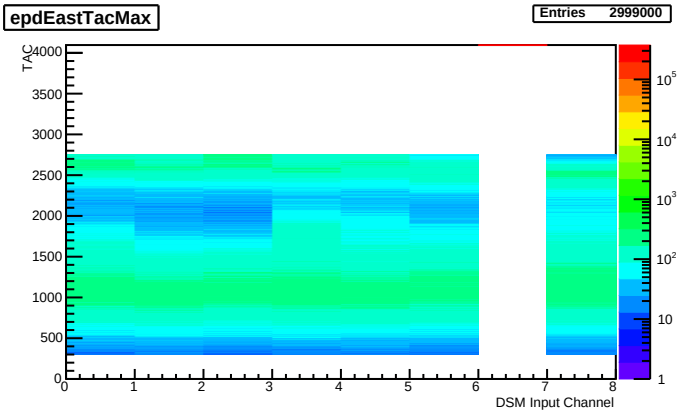
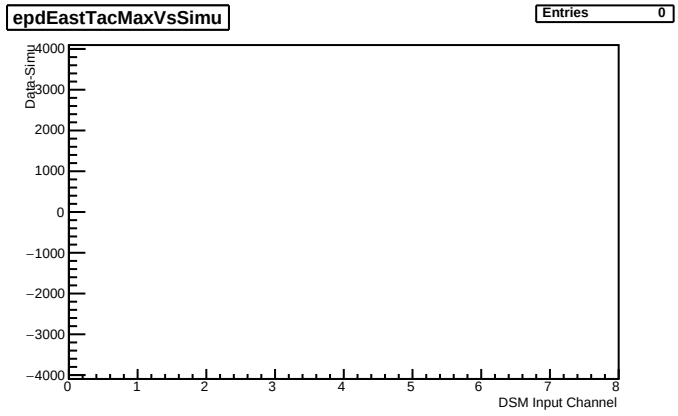
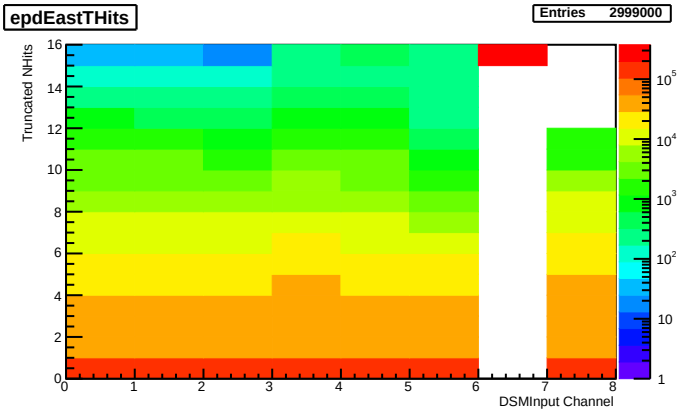
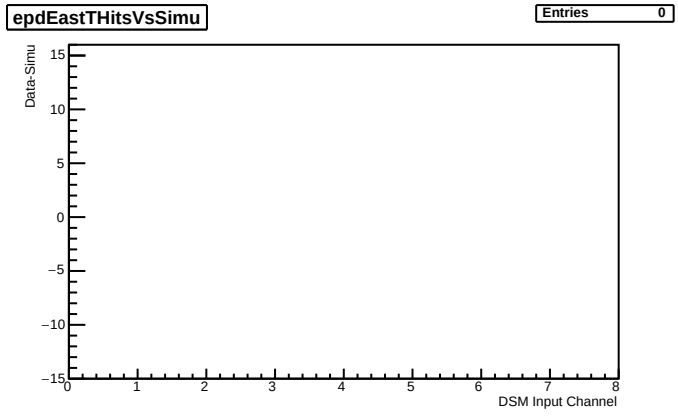
Entries 321137
Data
Simu


epdEastTacMax
Entries 2999000
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2999000
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
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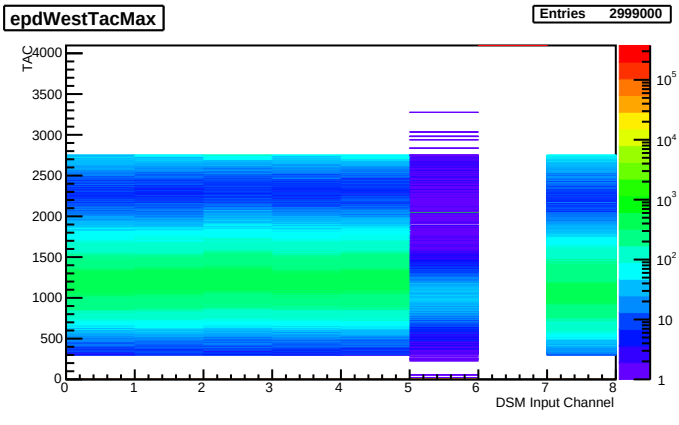
Data-Simu
DSM Input Channel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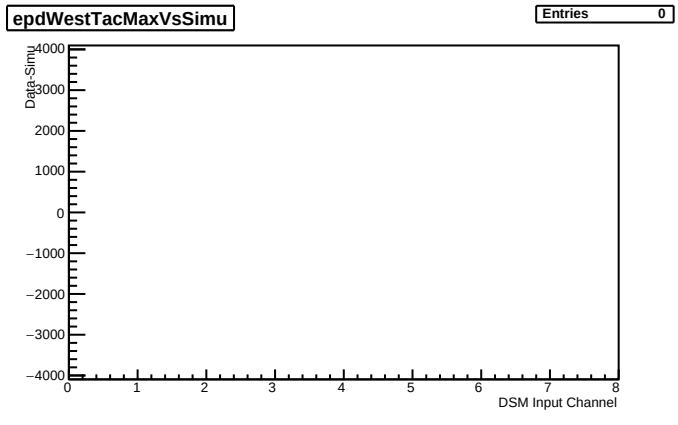
Entries 2999000
TAC
DSM Input Channel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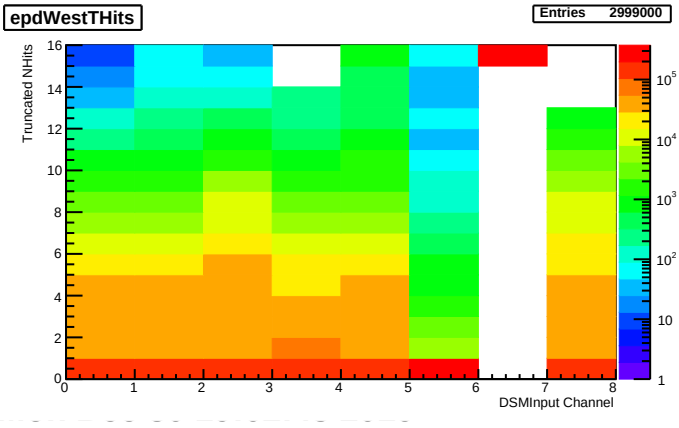
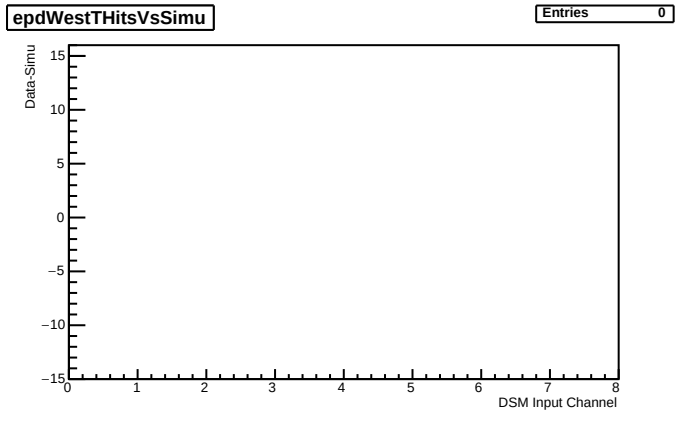
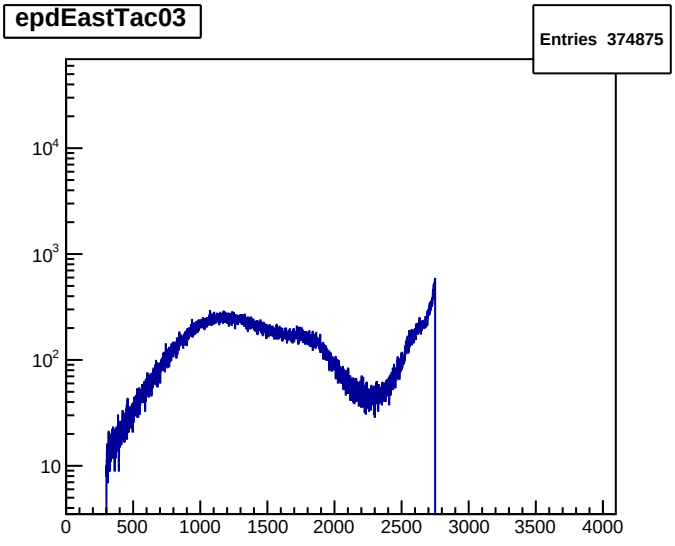
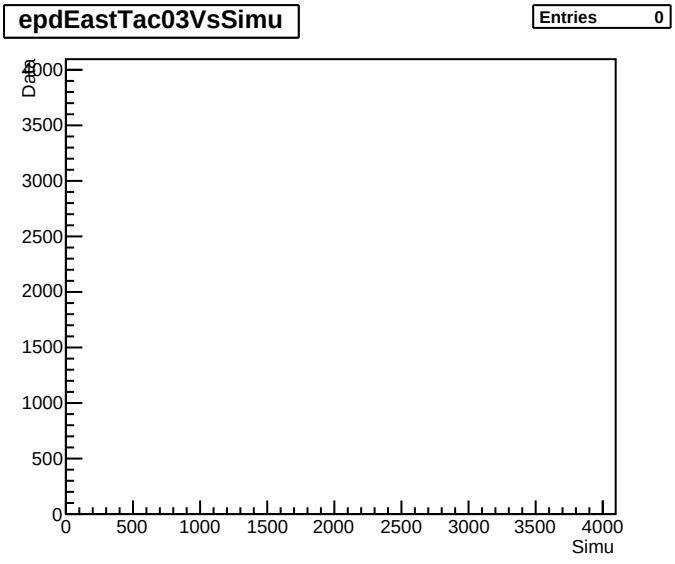
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2999000
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 374875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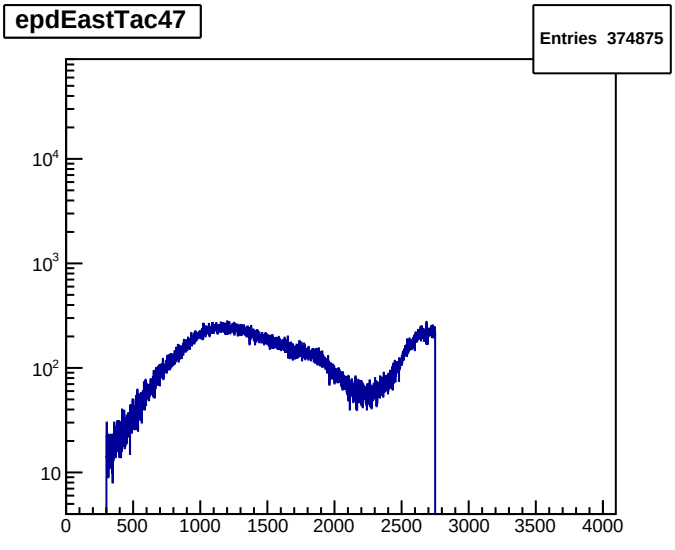
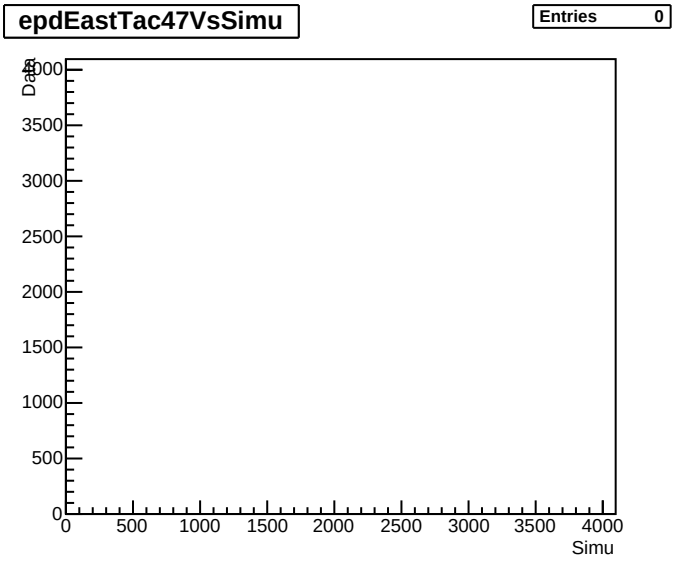
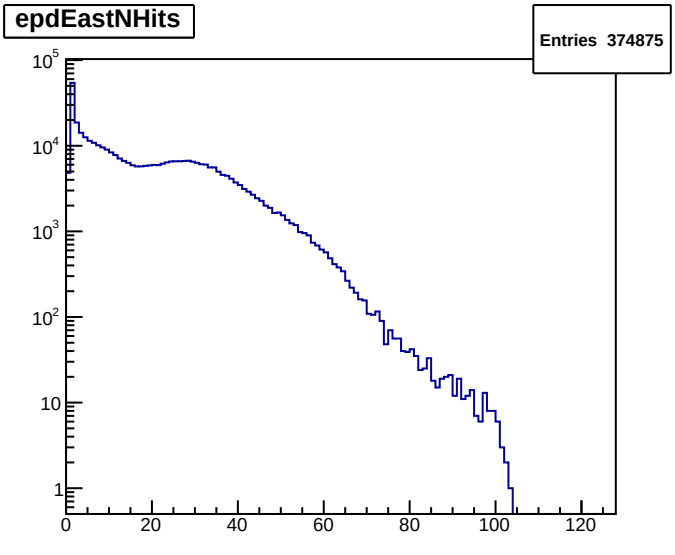
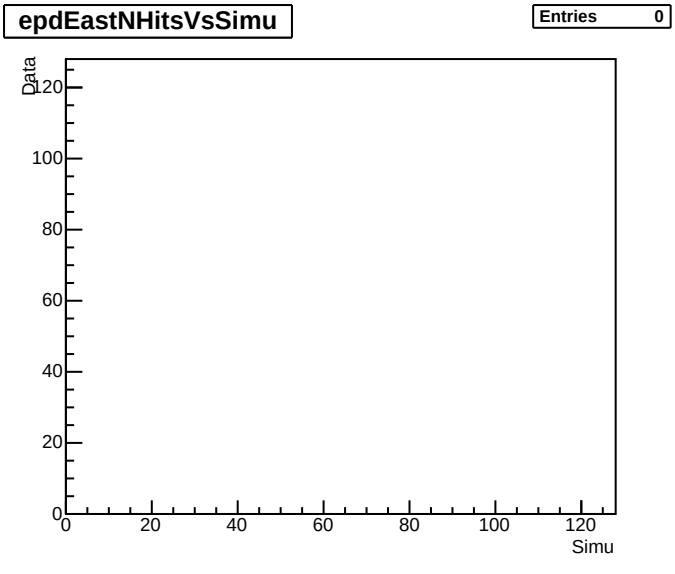
Entries 0
Data
Simu


epdEastTac47
Entries 374875


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 374875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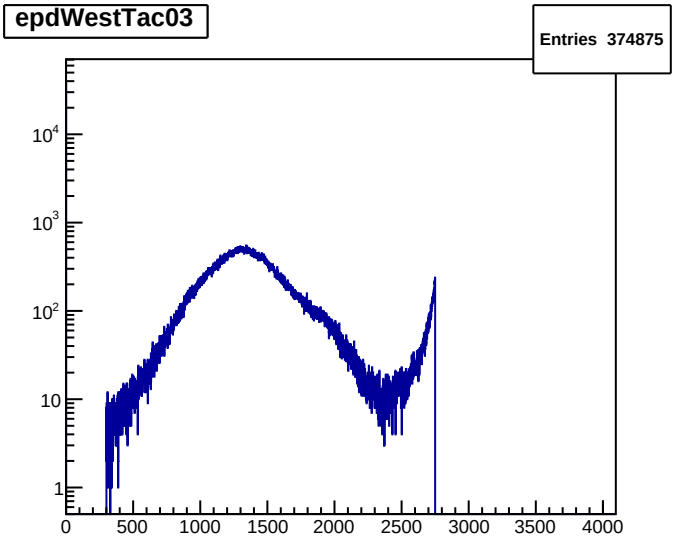
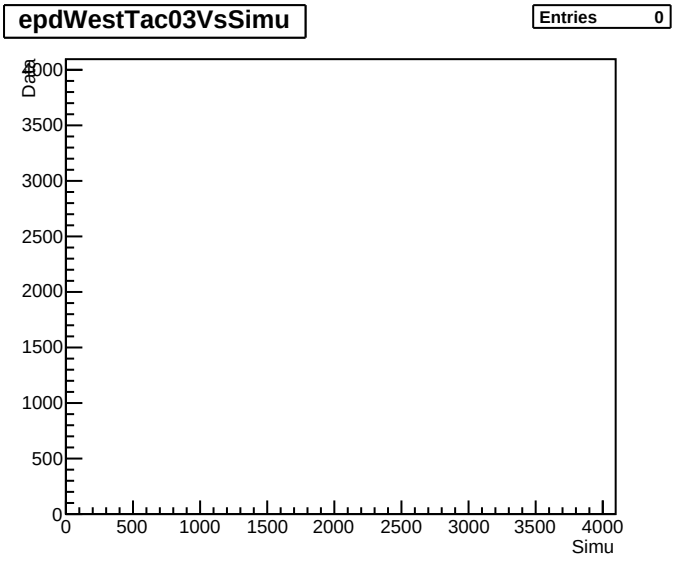
Entries 0
Data
Simu


epdWestTac03
Entries 374875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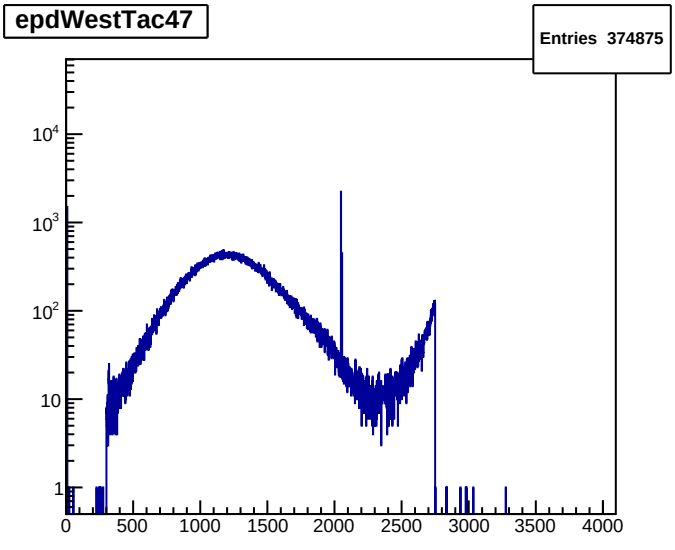
Entries 0
Data
Simu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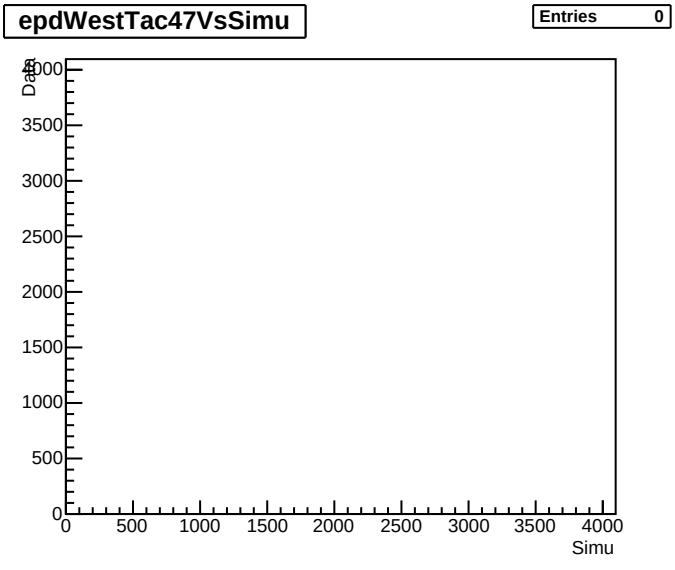
Entries 374875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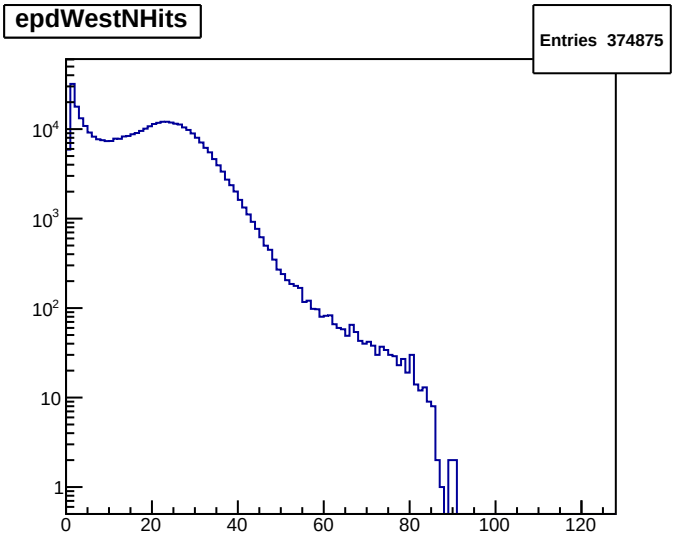
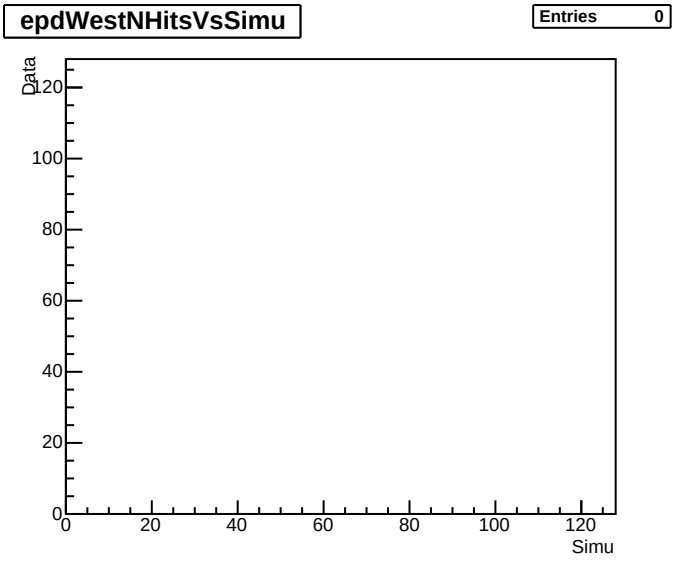
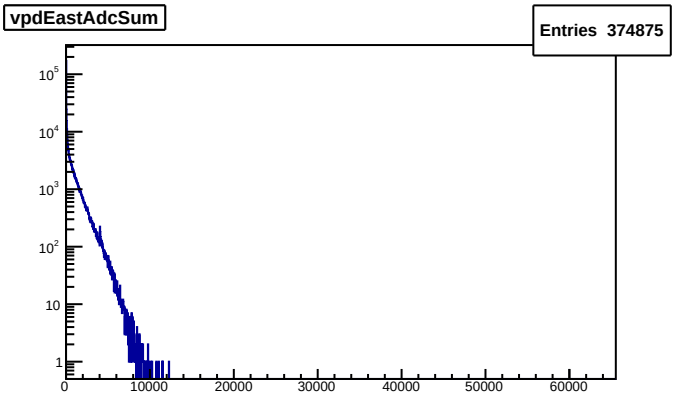
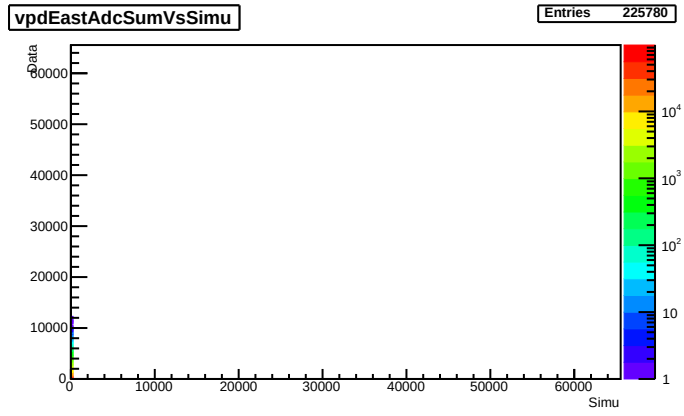
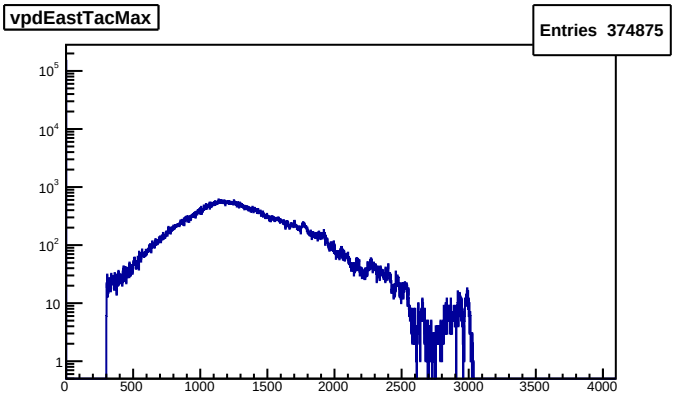
Entries 0
Data
Simu

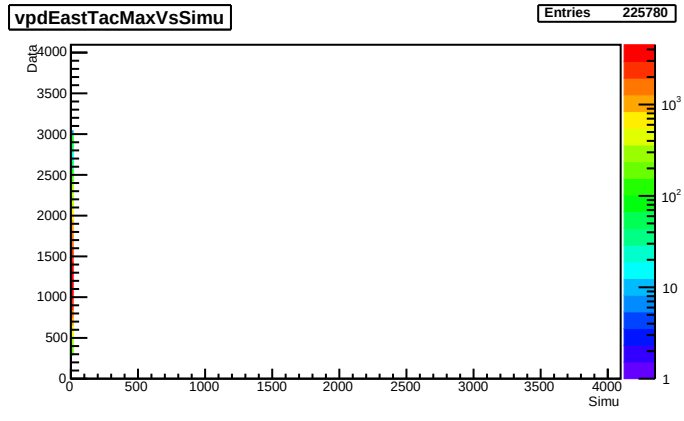

epdWestNHits
Entries 374875

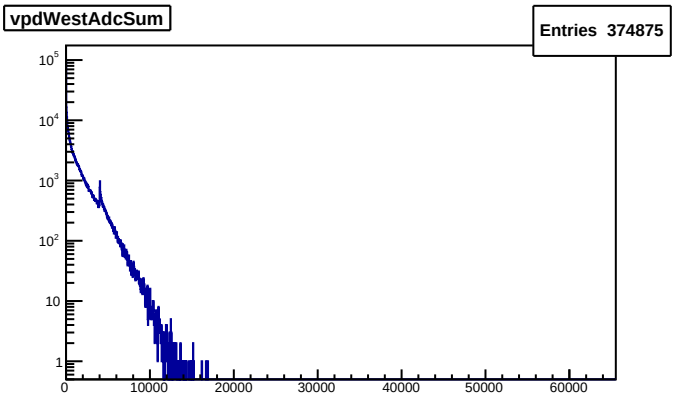

epdWestNHitsVsSimu
Entries 0
Data
Simu

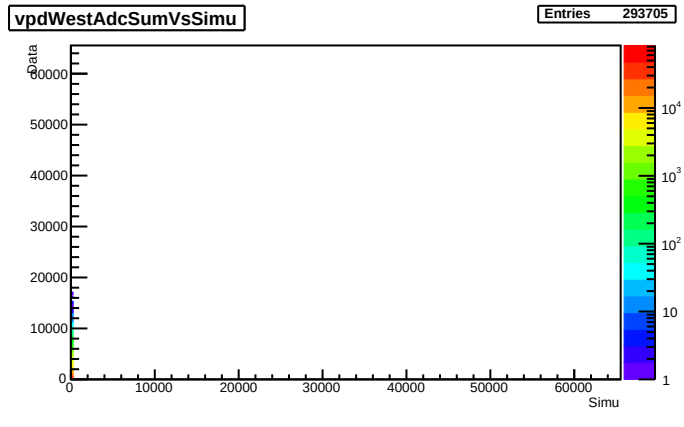

vpdEastAdcSum
Entries 374875

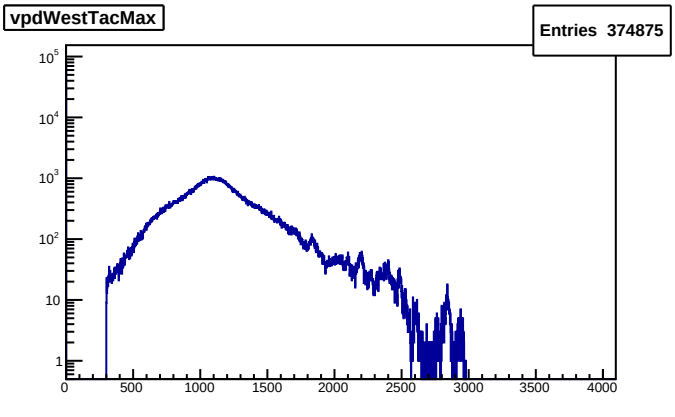

vpdEastAdcSumVsSimu
Entries 225780
Data
Simu

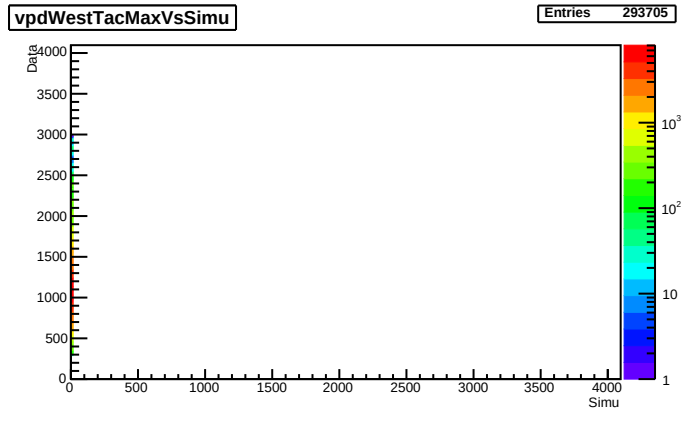

vpdEastTacMax
Entries 374875

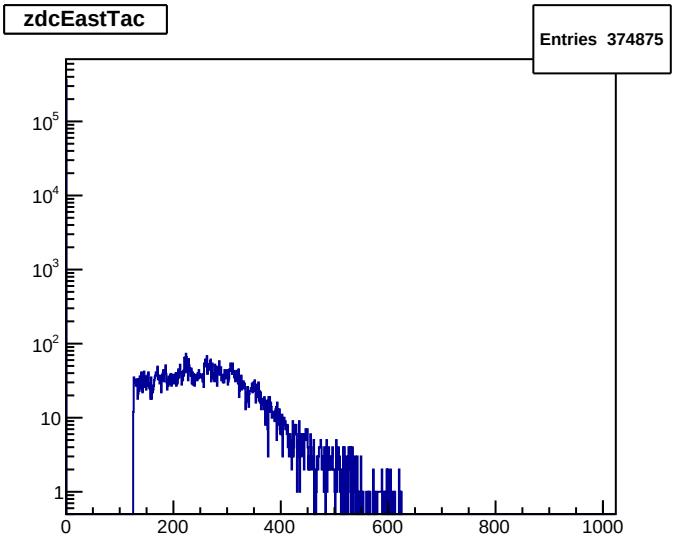

vpdEastTacMaxVsSimu
Entries 225780
Data
Simu

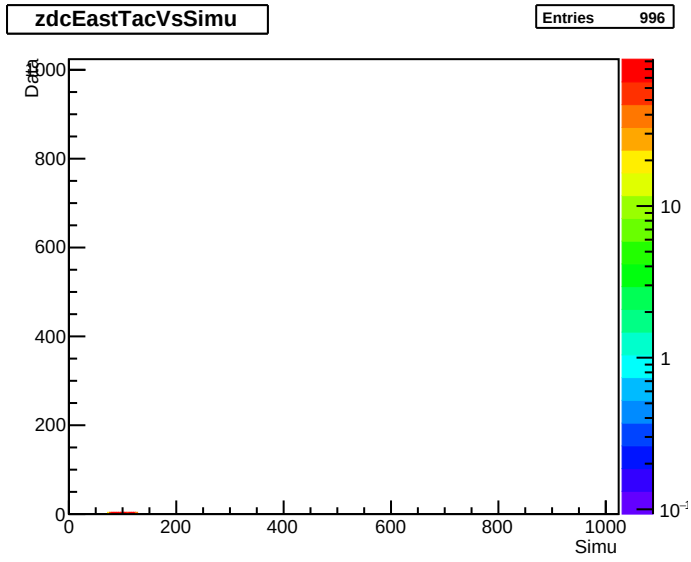

vpdWestAdcSum
Entries 374875

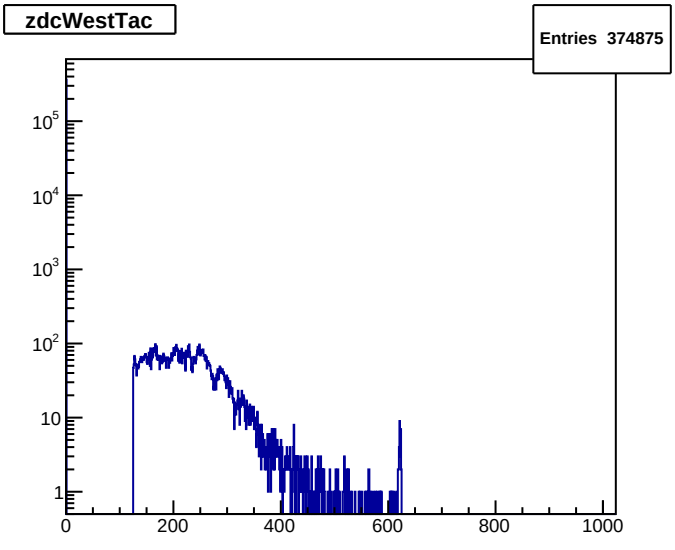

vpdWestAdcSumVsSimu
Entries 293705
Data
Simu

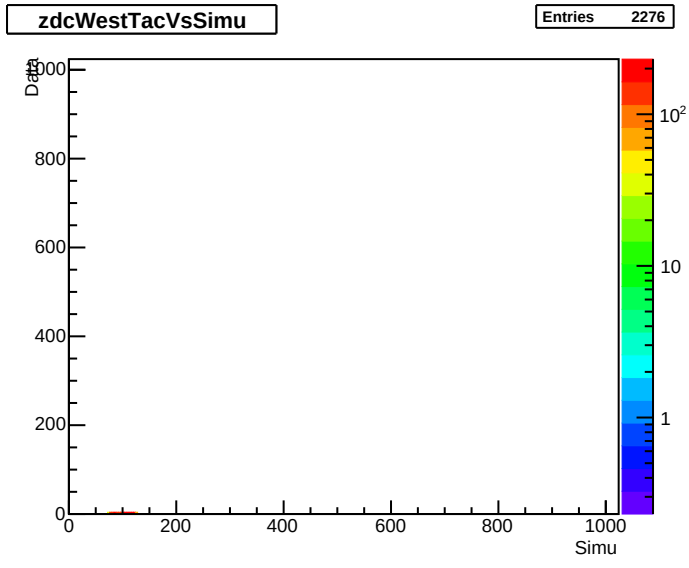

vpdWestTacMax
Entries 374875

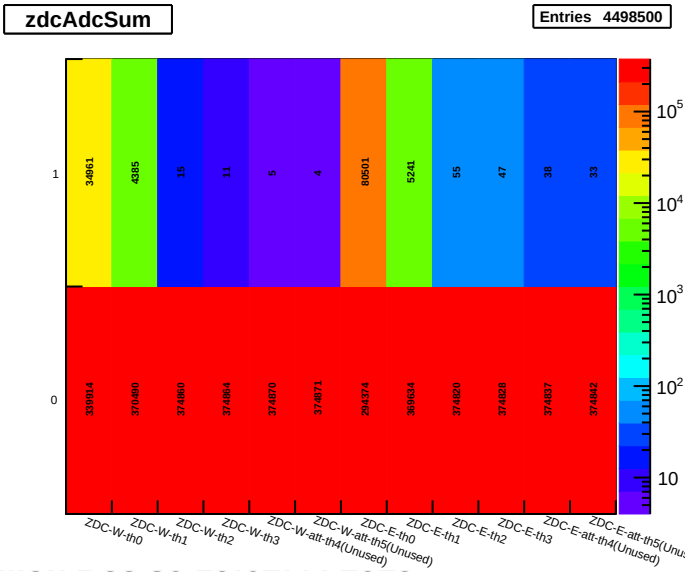

vpdWestTacMaxVsSimu
Entries 293705
Data
Simu

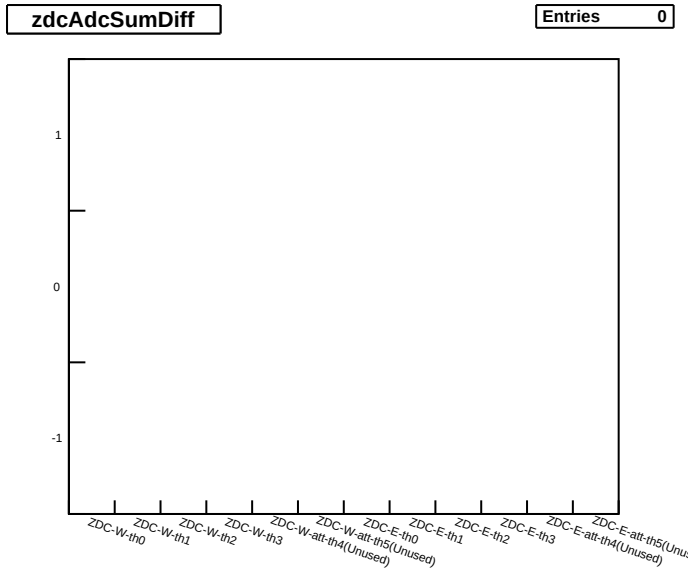

zdcEastTac
Entries 374875

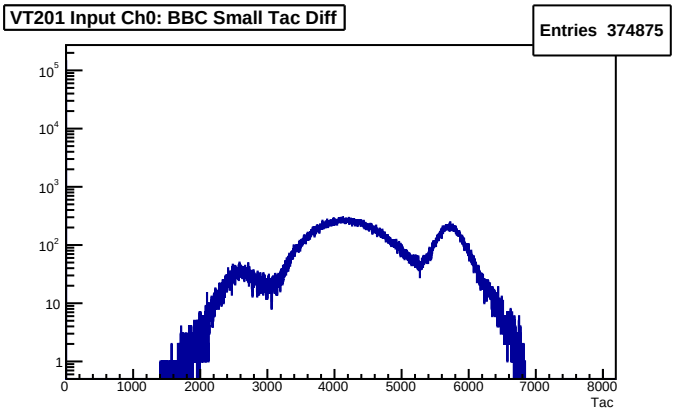

zdcEastTacVsSimu
Entries 996
Data
Simu

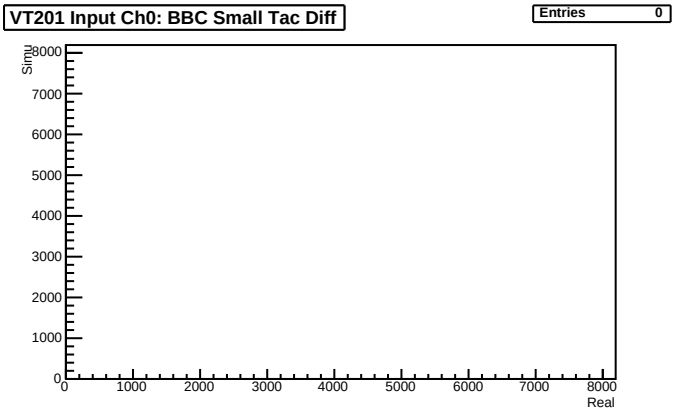

zdcWestTac
Entries 374875

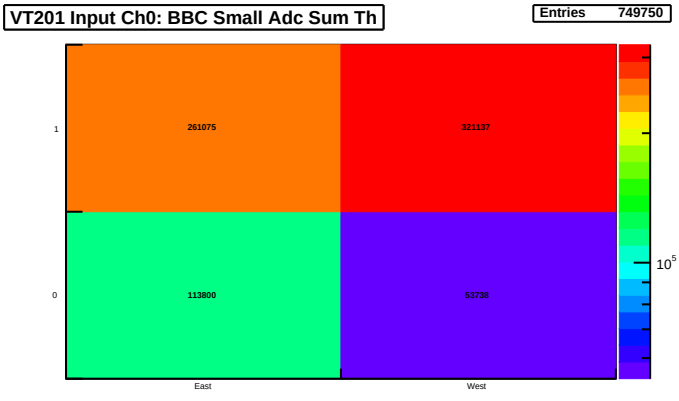

zdcWestTacVsSimu
Entries 2276
Data
Simu

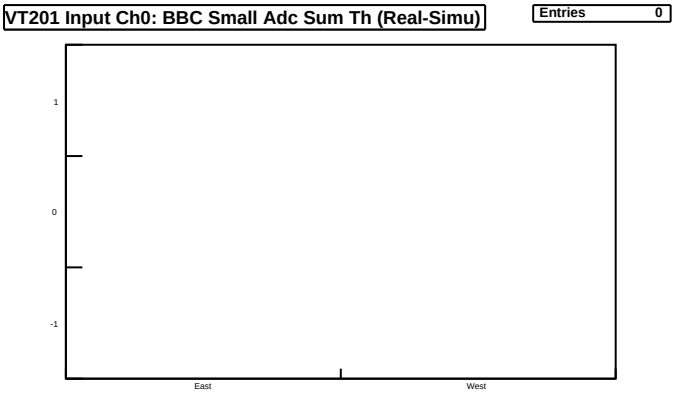

zdcAdcSum
Entries 4498500
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

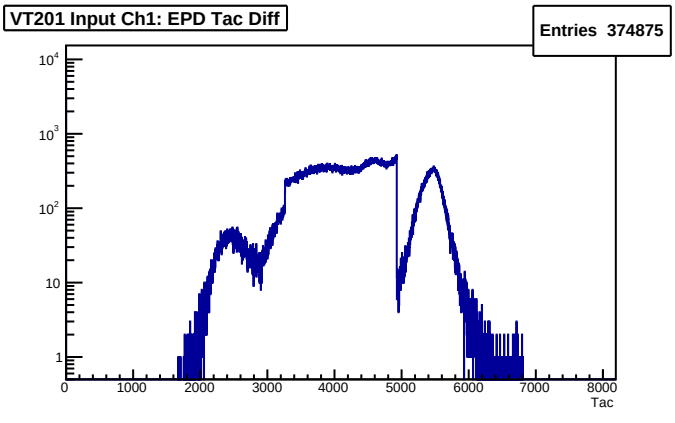

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

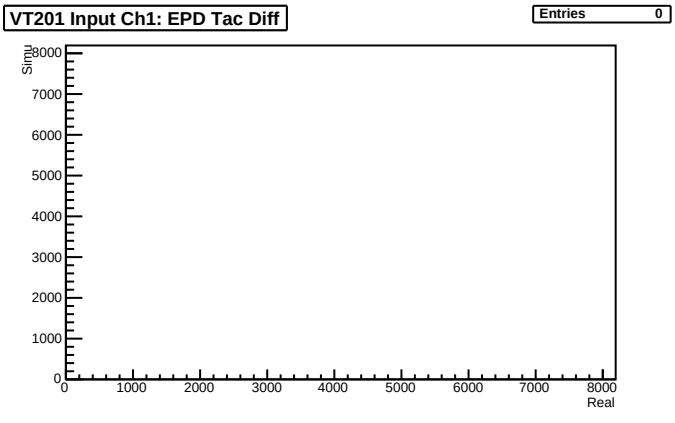

VT201 Input Ch0: BBC Small Tac Diff
Entries 374875
Tac

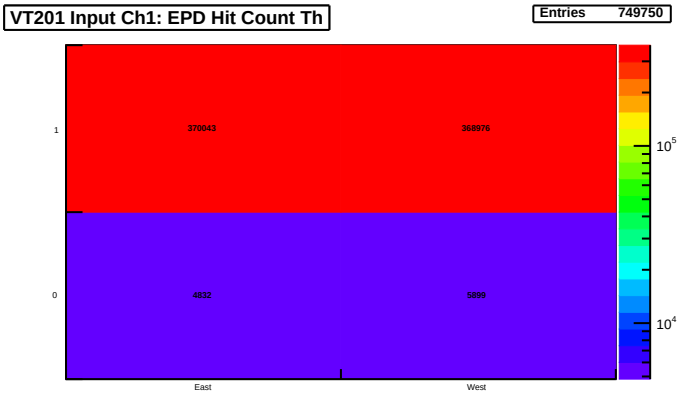

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

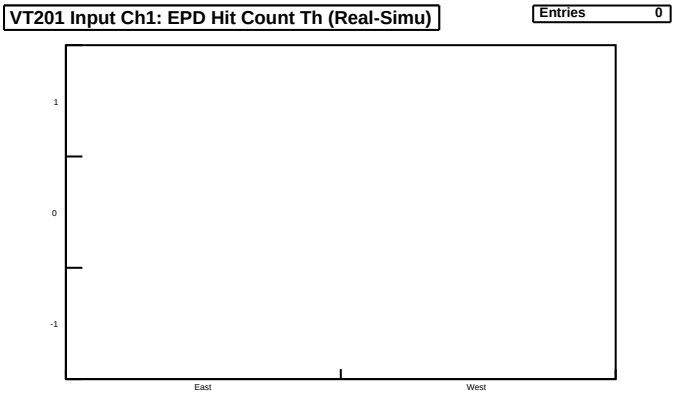

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 749750
261075
321137
113800
53738
East
West

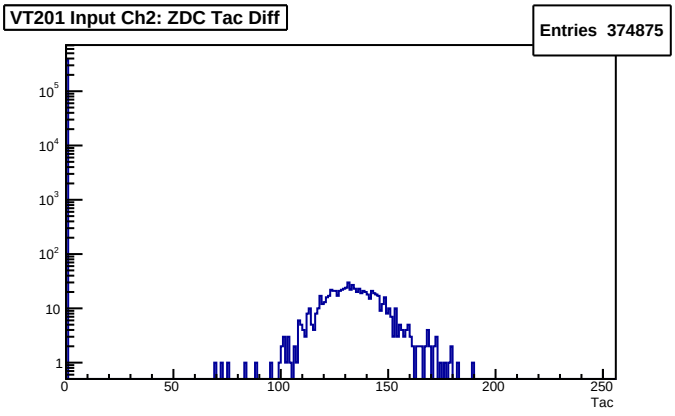

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

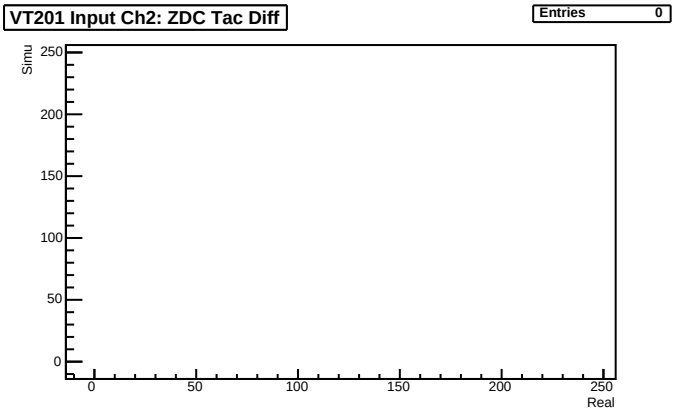

VT201 Input Ch1: EPD Tac Diff
Entries 374875
Tac

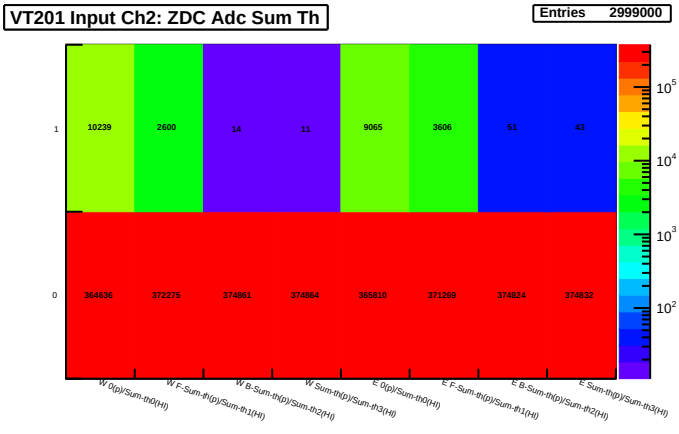

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

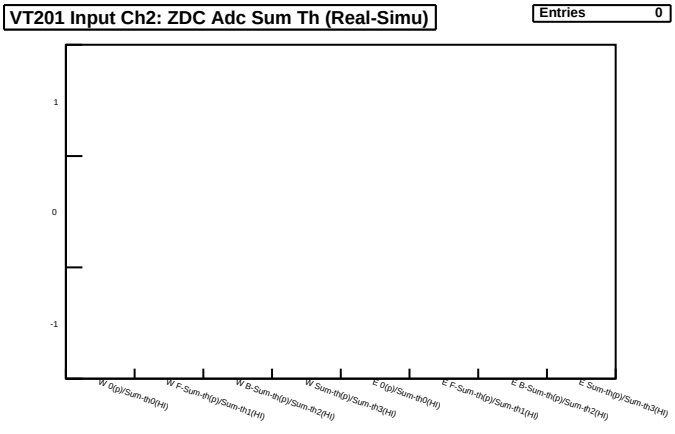

VT201 Input Ch1: EPD Hit Count Th
Entries 749750
370043
368976
4832
5899
East
West

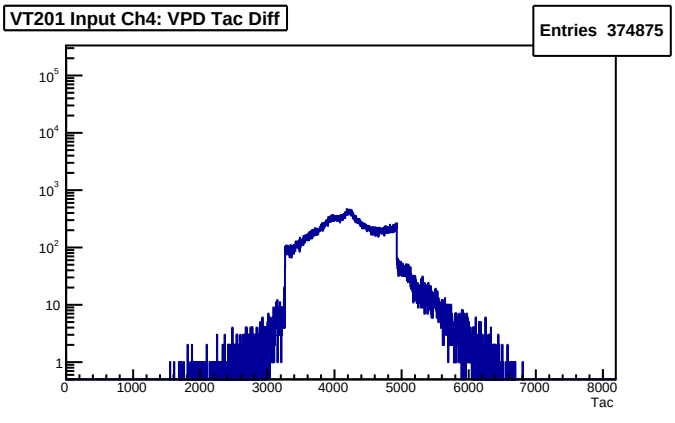

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

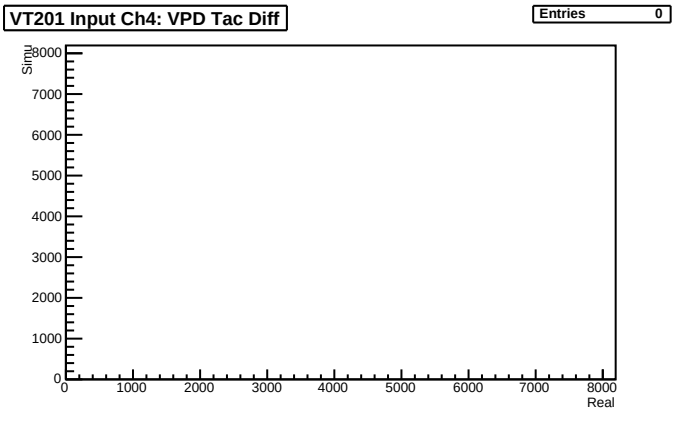

VT201 Input Ch2: ZDC Tac Diff
Entries 374875
Tac

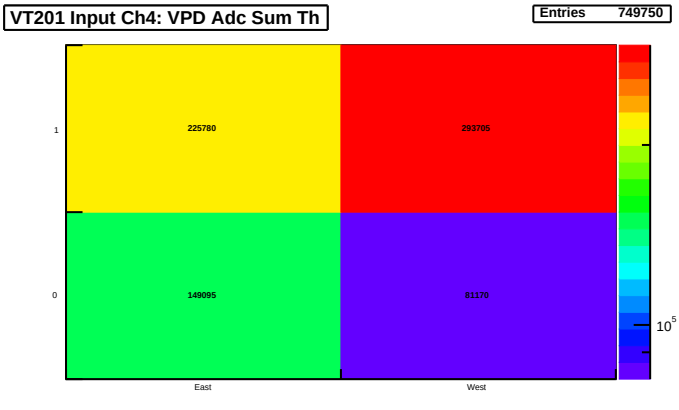

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

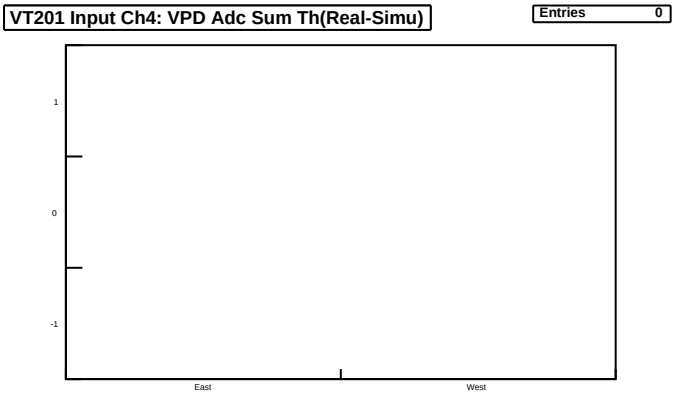

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2999000
10239
2600
14
11
9065
3606
51
43
364636
372275
374861
374864
365810
371269
374824
374832
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

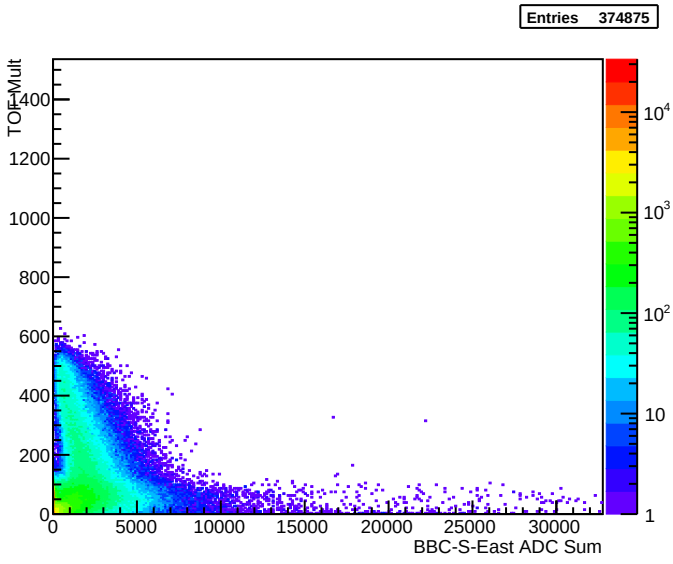

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

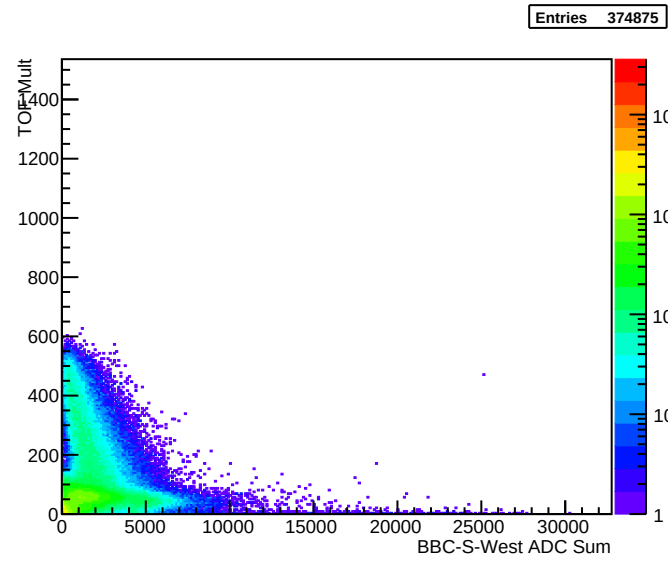

VT201 Input Ch4: VPD Tac Diff
Entries 374875
Tac

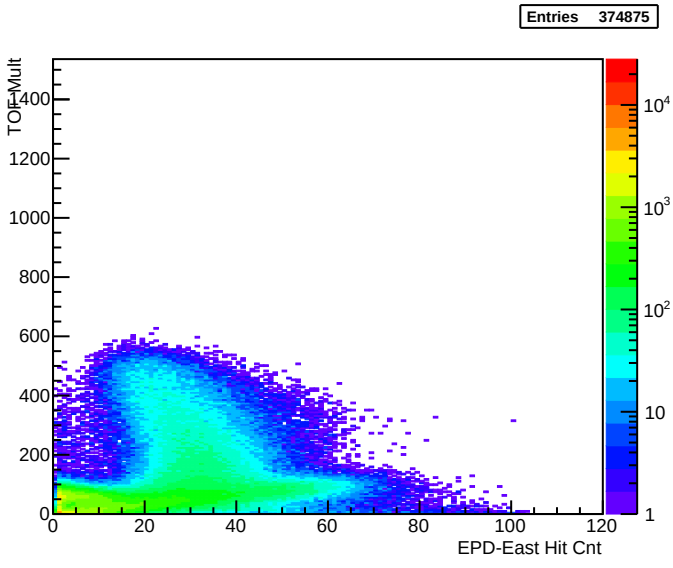

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

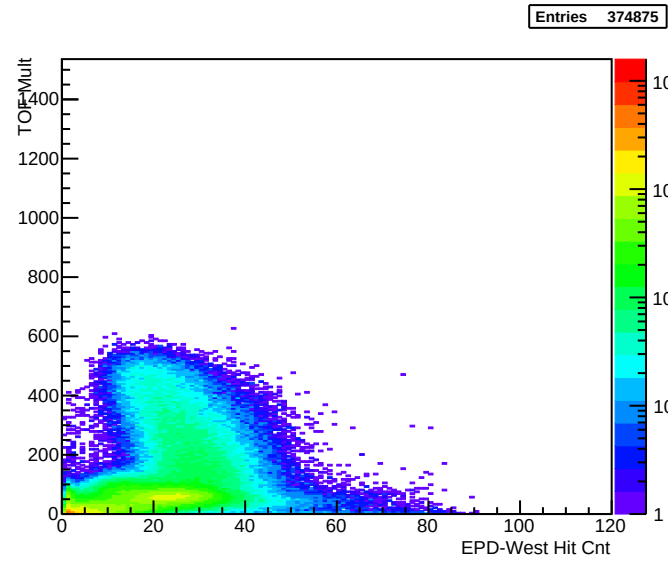

VT201 Input Ch4: VPD Adc Sum Th
Entries 749750
225780
293705
149095
81170
East
West

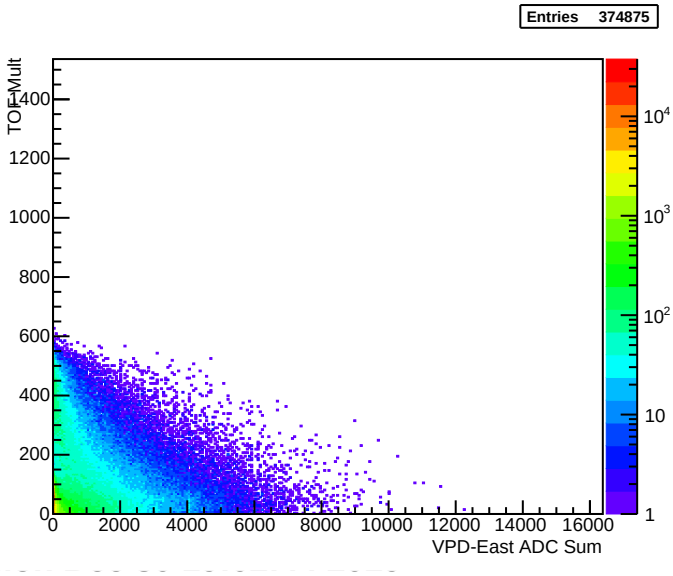

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

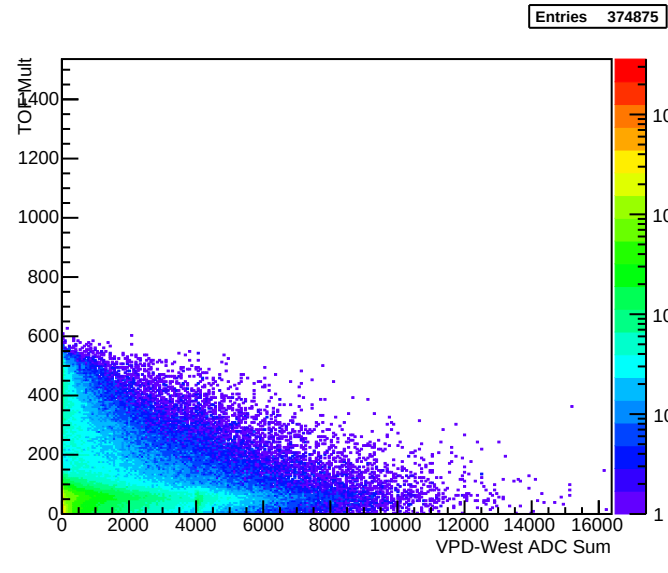

Entries 374875
TOF-Mult
BBC-S-East ADC Sum

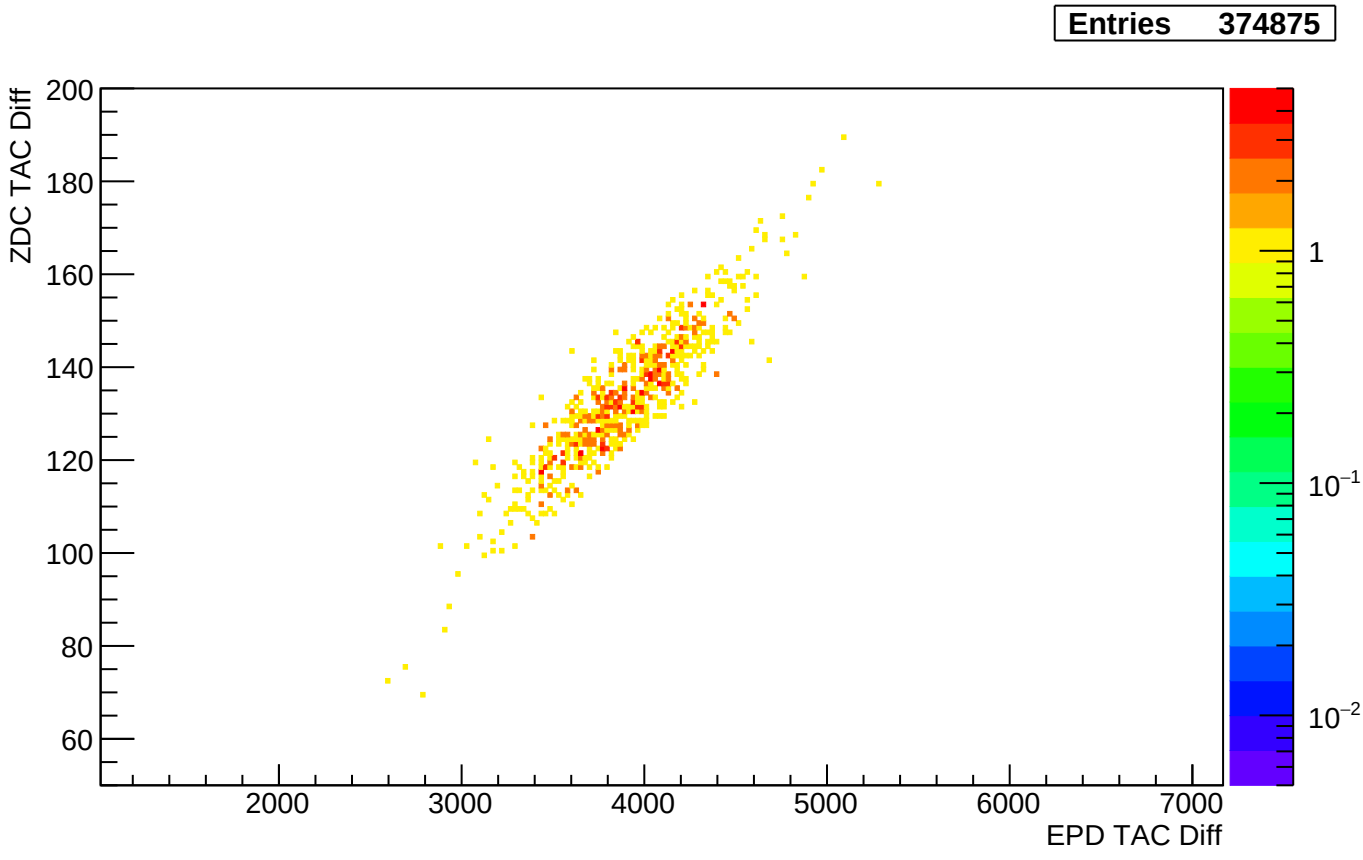

Entries 374875
TOF-Mult
BBC-S-West ADC Sum

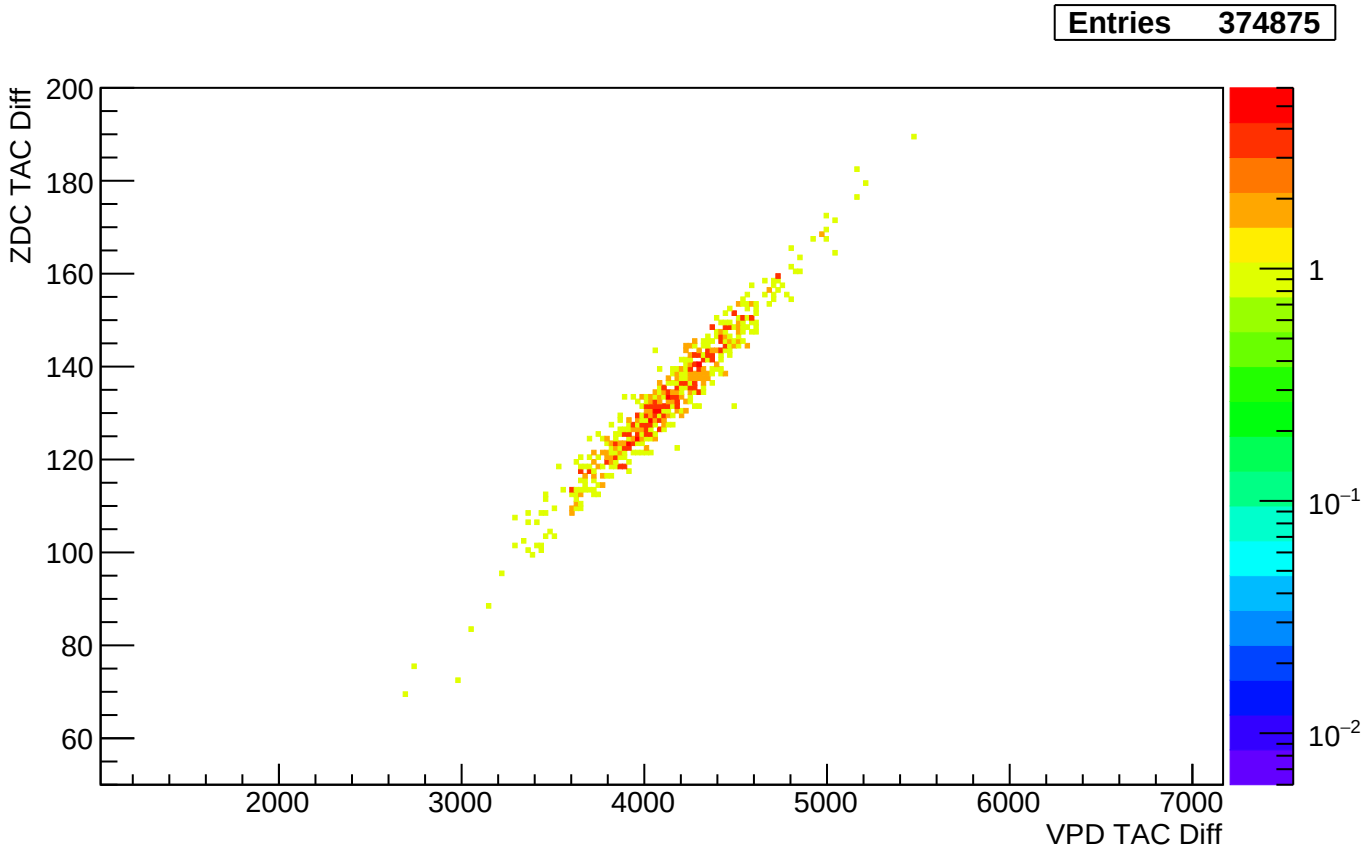

Entries 374875
TOF-Mult
EPD-East Hit Cnt

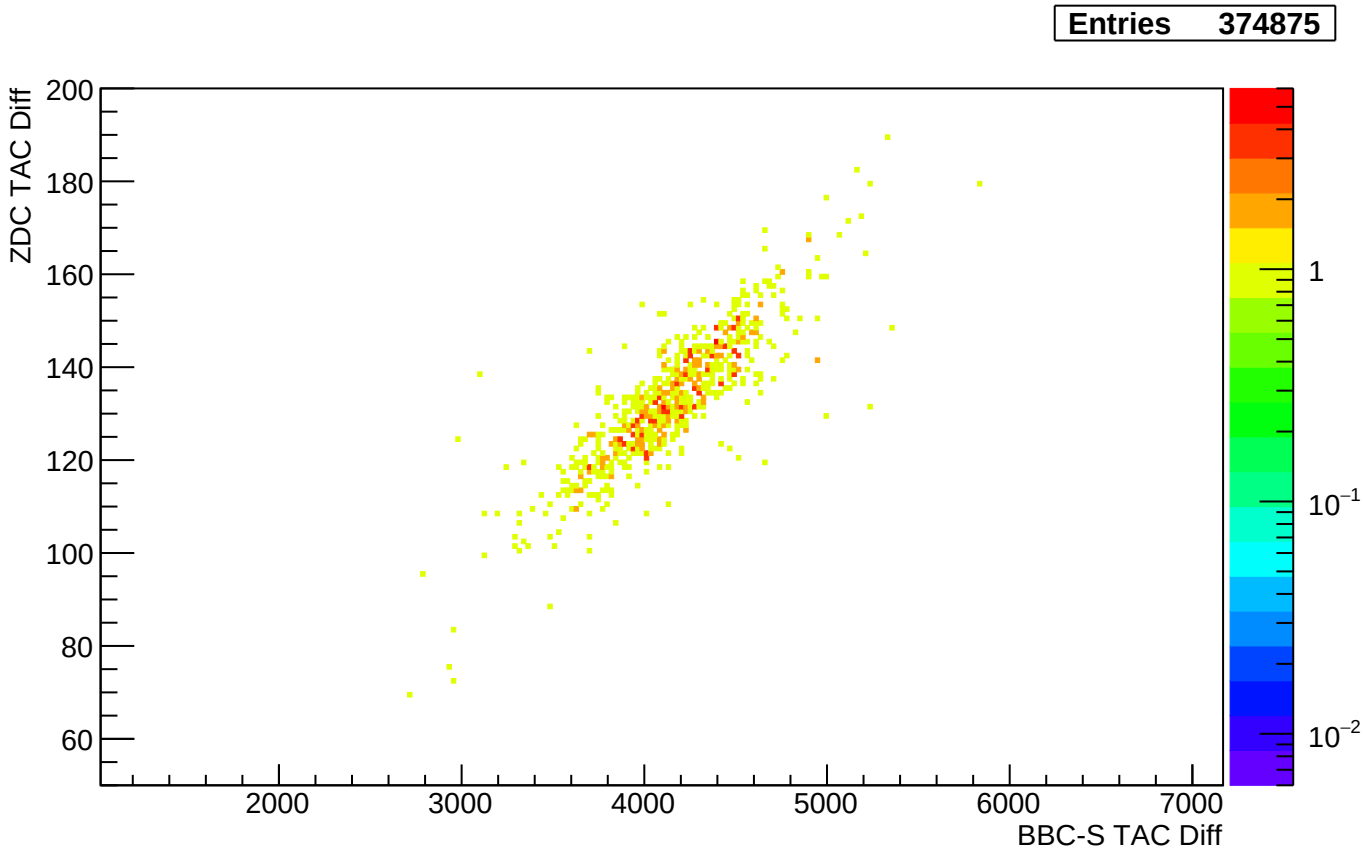

Entries 374875
TOF-Mult
EPD-West Hit Cnt

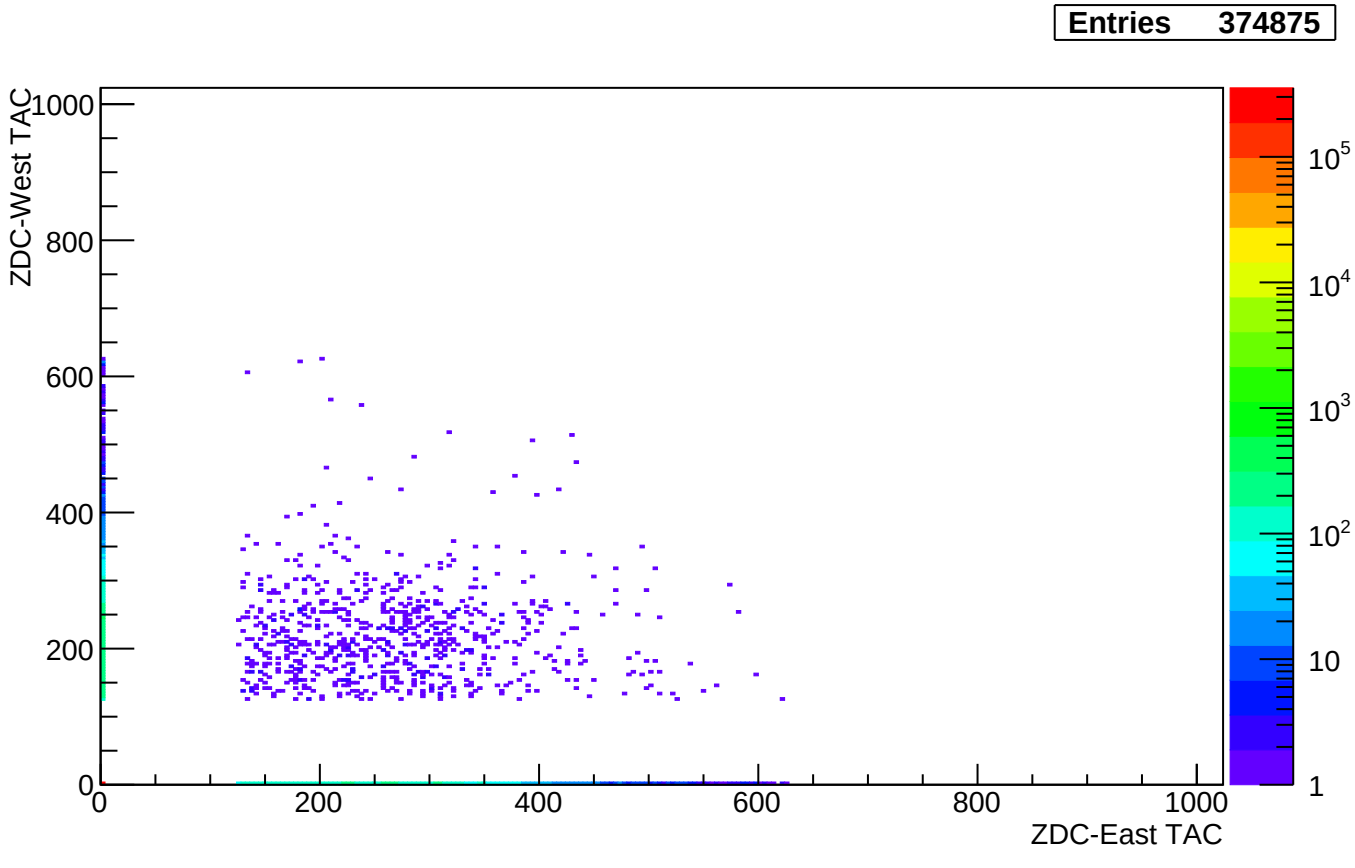

Entries 374875
TOF-Mult
VPD-East ADC Sum

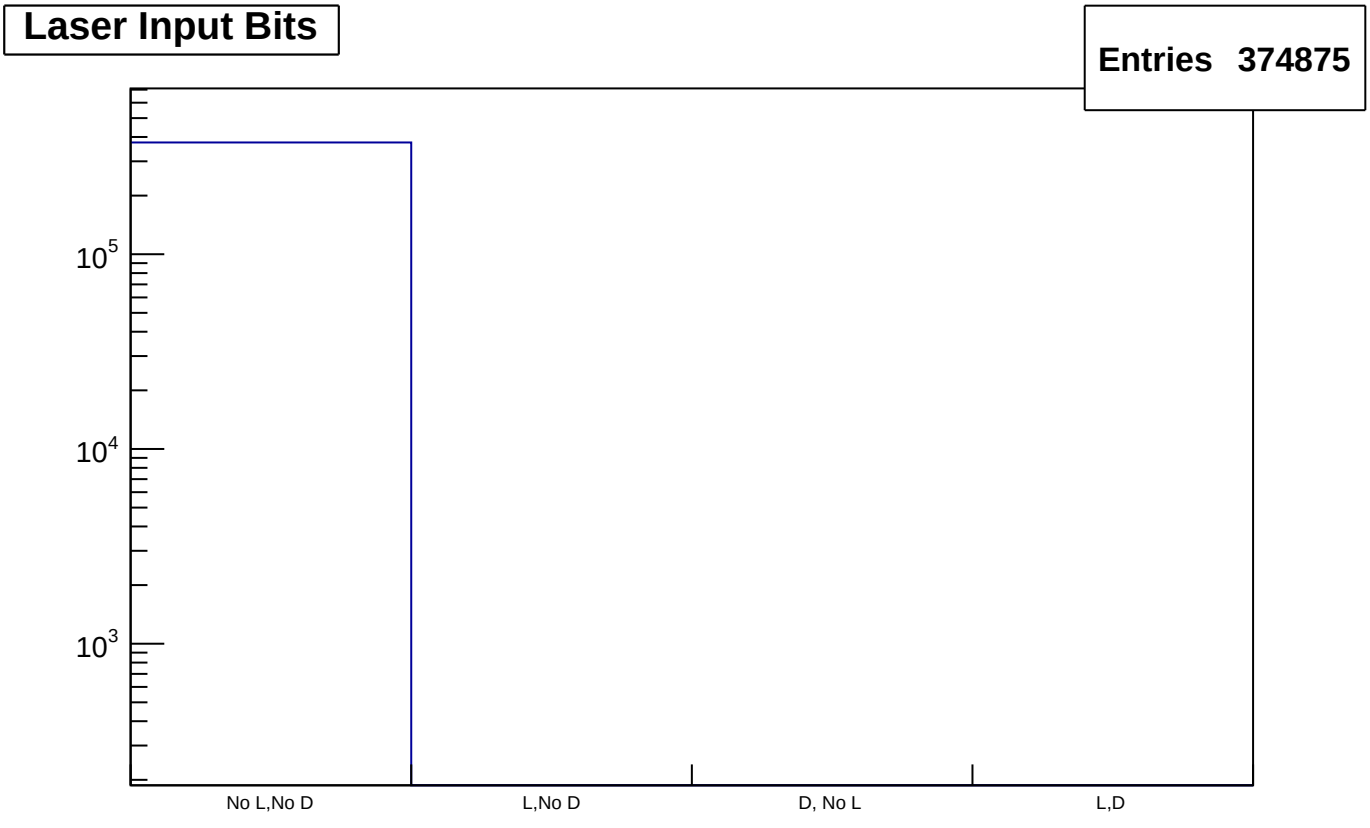

Entries 374875
TOF-Mult
VPD-West ADC Sum

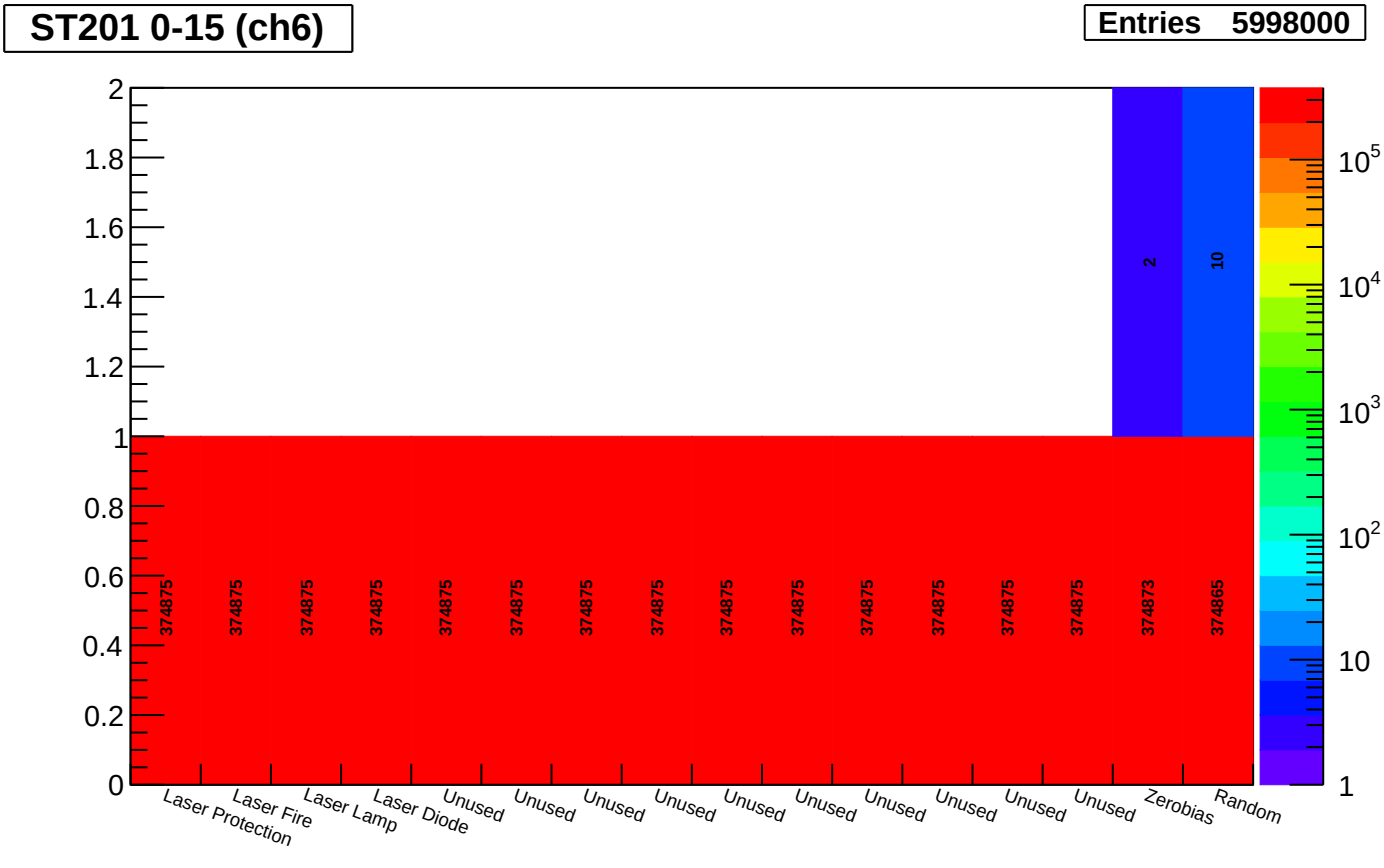

Entries 374875
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

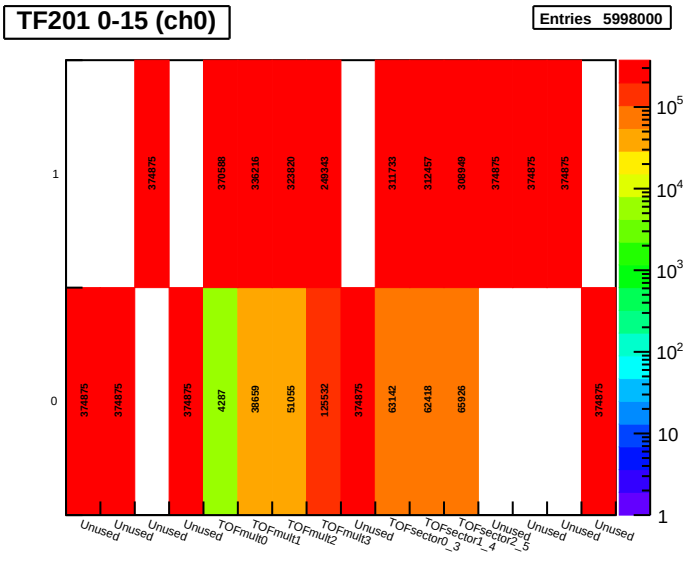

Entries 374875
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

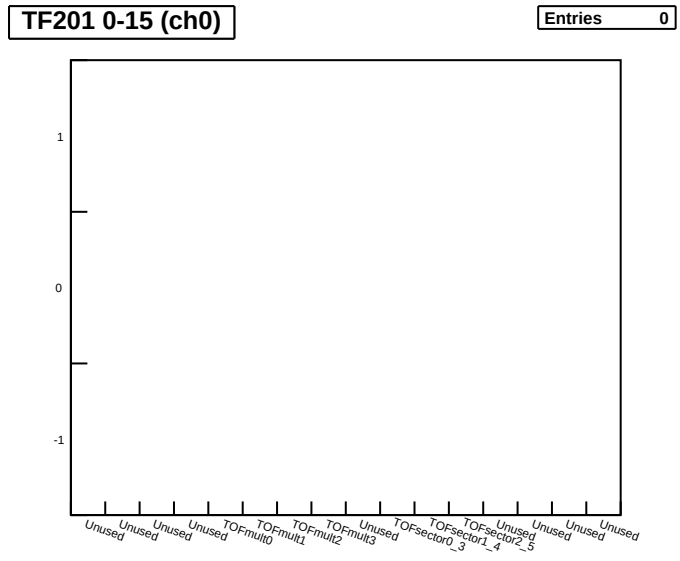

Entries 374875
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

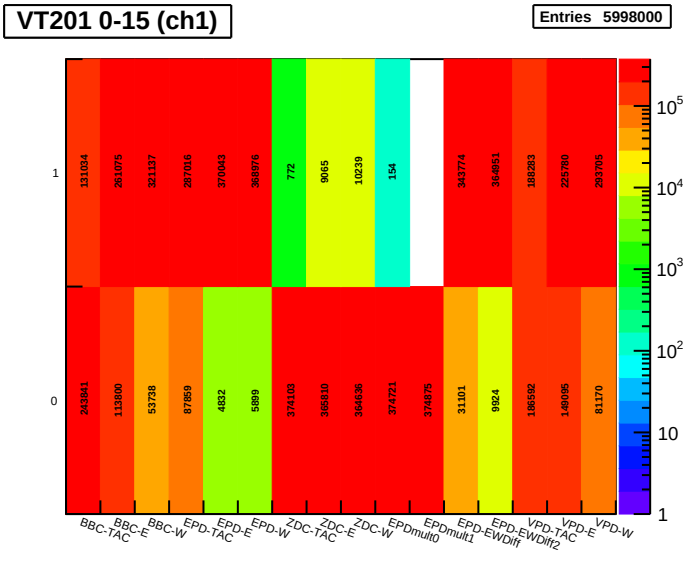

Entries 374875
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

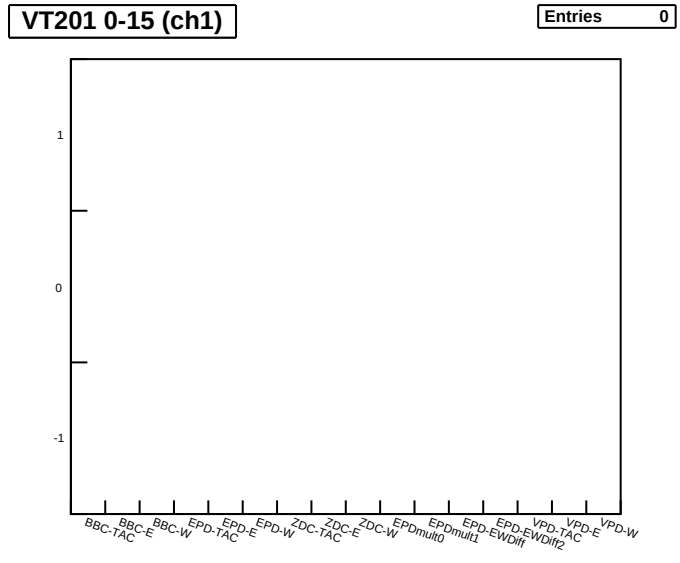

Laser Input Bits
Entries 374875
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

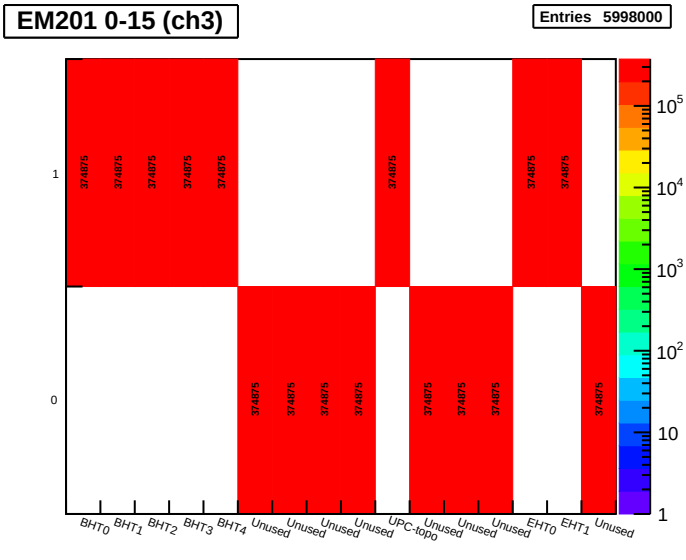

ST201 0-15 (ch6)
Entries 5998000
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374873
374865
2
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

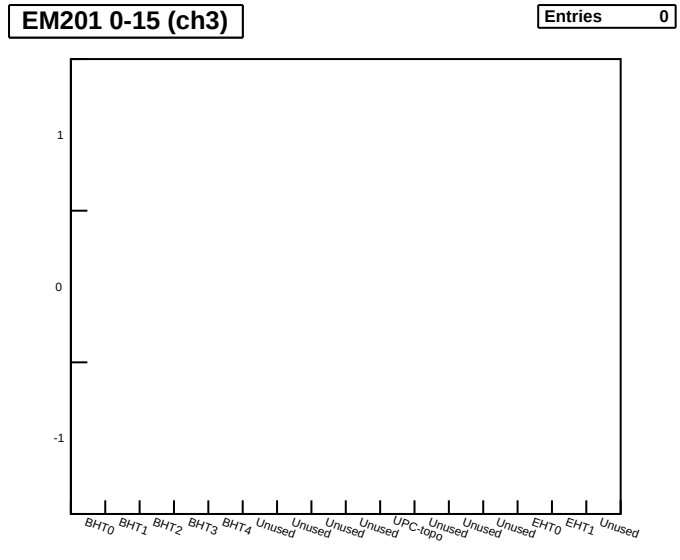

TF201 0-15 (ch0)
Entries 5998000
1
0
374875
370588
336216
323820
249343
311733
312457
308949
374875
374875
374875
374875
374875
374875
374875
4287
38659
51055
125532
374875
63142
62418
65926
374875
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5998000
1
0
131034
261075
321137
287016
370043
368976
772
9065
10239
154
343774
364951
188253
225780
293705
243841
113800
53738
87859
4832
5899
374103
365810
364636
374721
374875
31101
9924
186592
149095
81170
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 5998000
1
0
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
374875
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