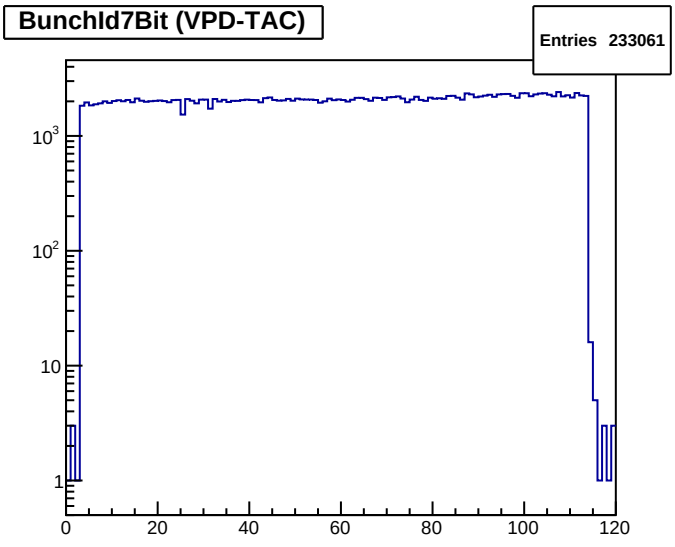
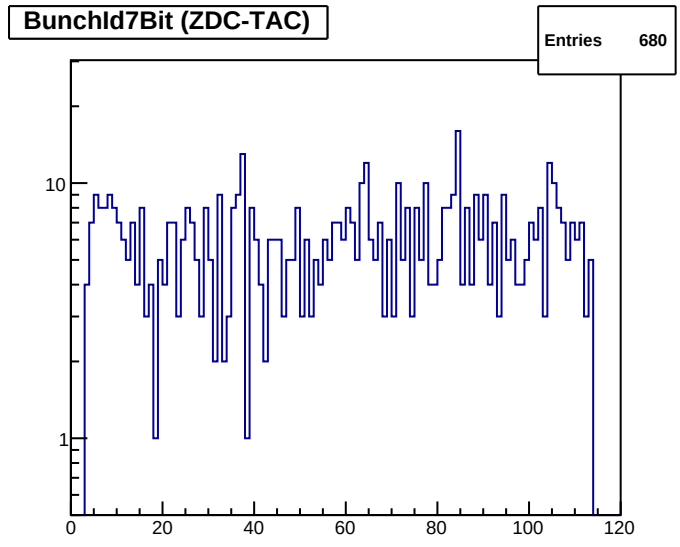
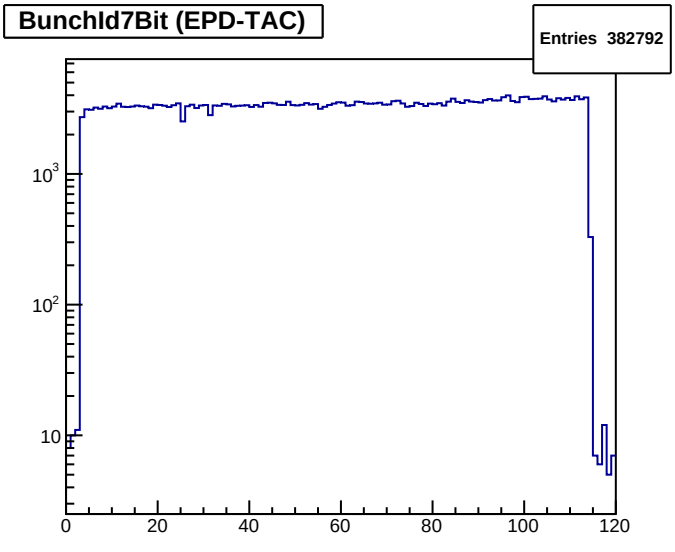
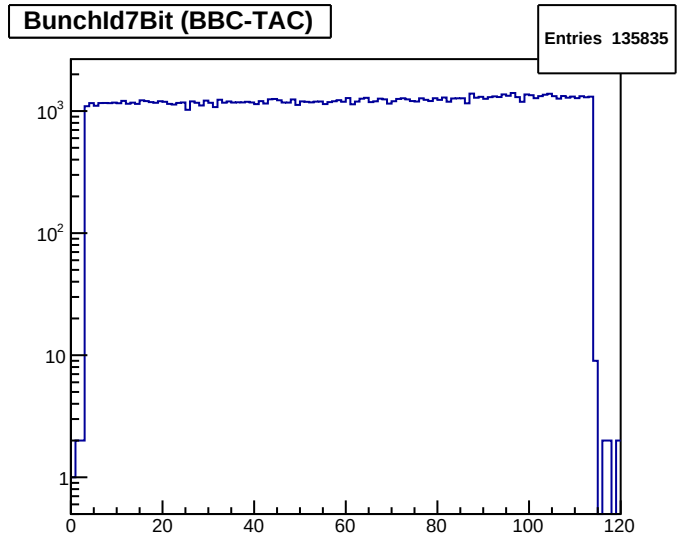
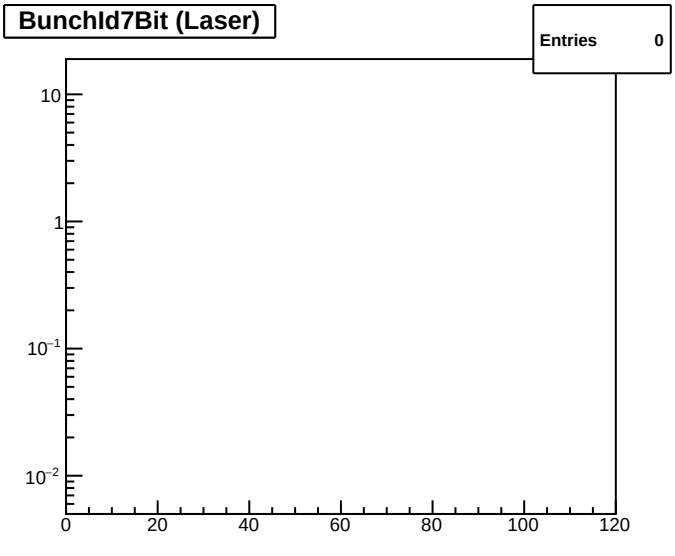
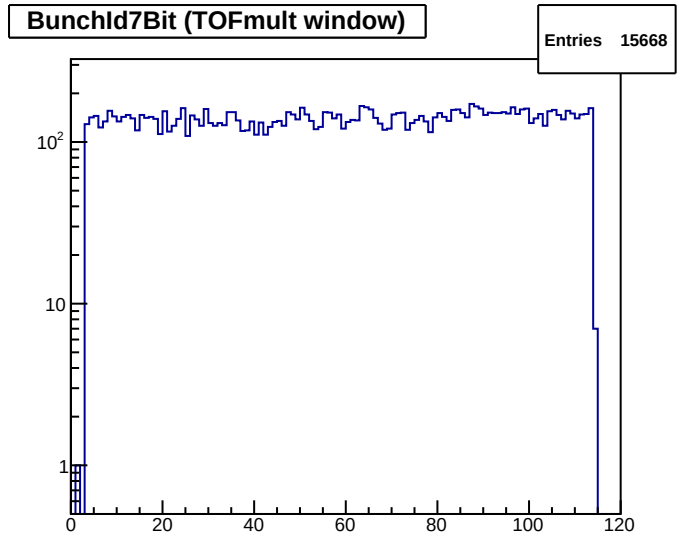

BunchId7Bit (VPD-TAC)
Entries 233061

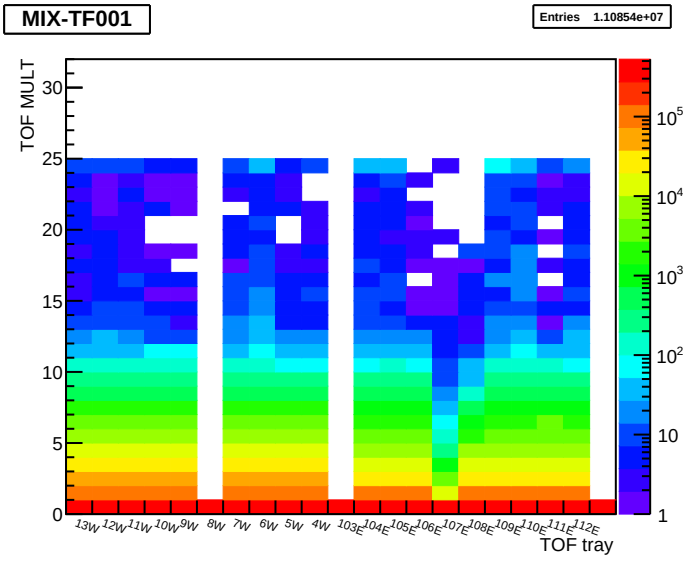

BunchId7Bit (ZDC-TAC)
Entries 680

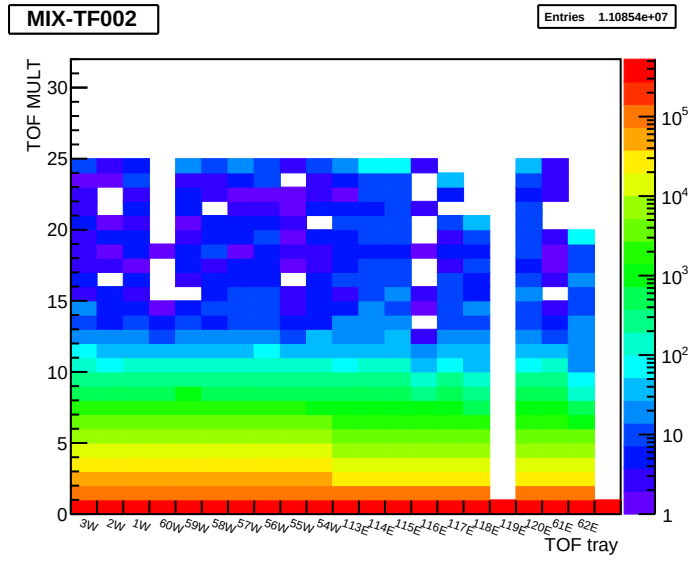

BunchId7Bit (EPD-TAC)
Entries 382792

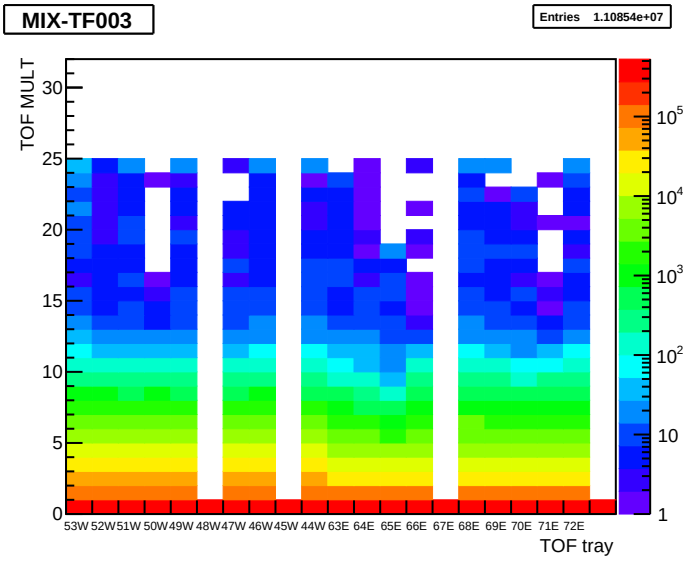

BunchId7Bit (BBC-TAC)
Entries 135835

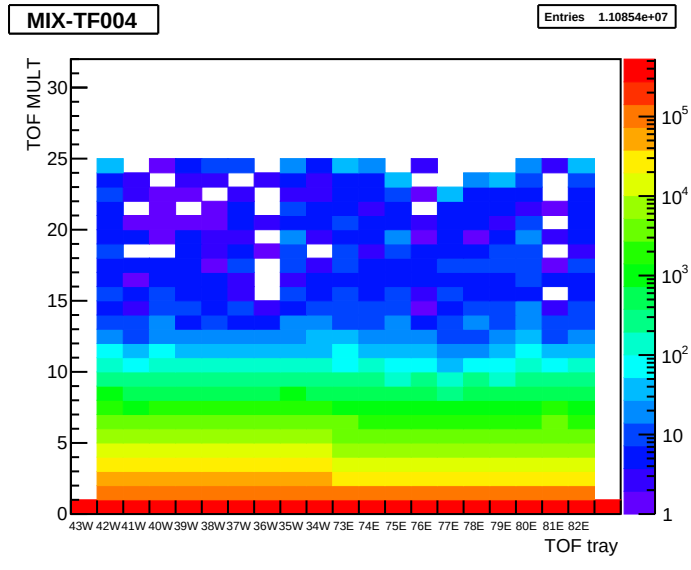

BunchId7Bit (Laser)
Entries 0

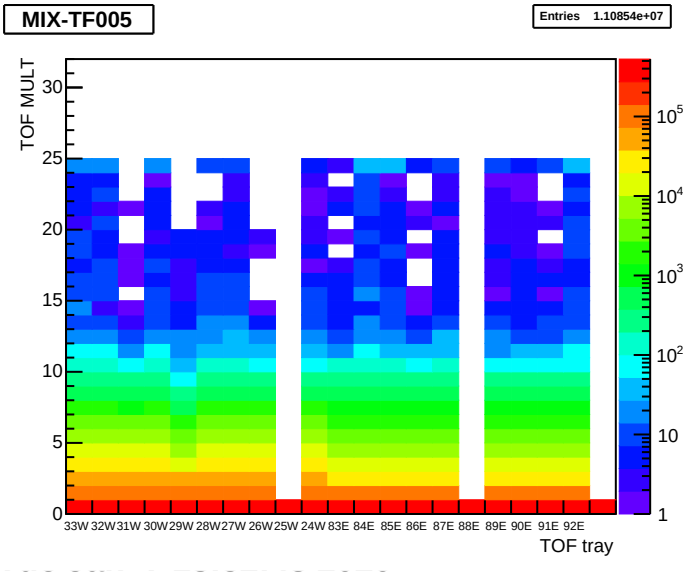

BunchId7Bit (TOFmult window)
Entries 15668

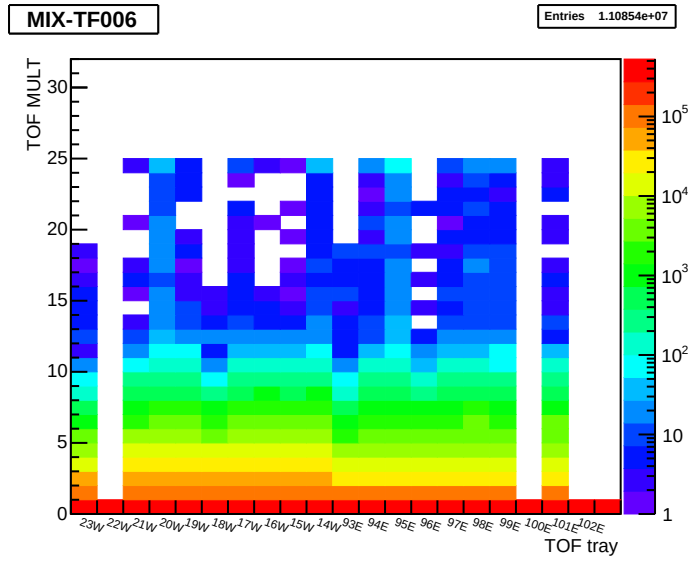

MIX-TF001
Entries 1.10854e+07
TOF MULT
TOF tray

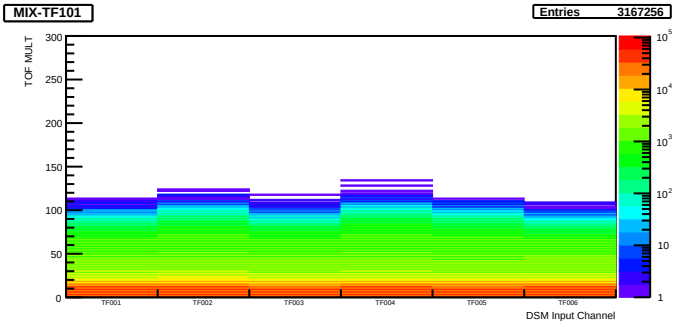

MIX-TF002
Entries 1.10854e+07
TOF MULT
TOF tray

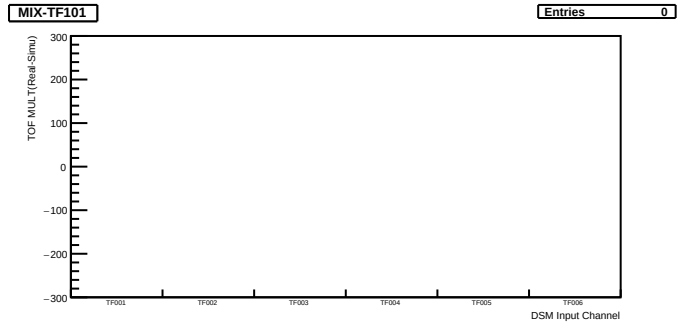

MIX-TF003
Entries 1.10854e+07
TOF MULT
TOF tray

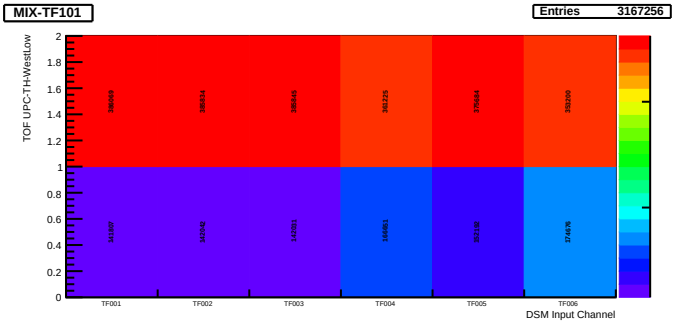

MIX-TF004
Entries 1.10854e+07
TOF MULT
TOF tray

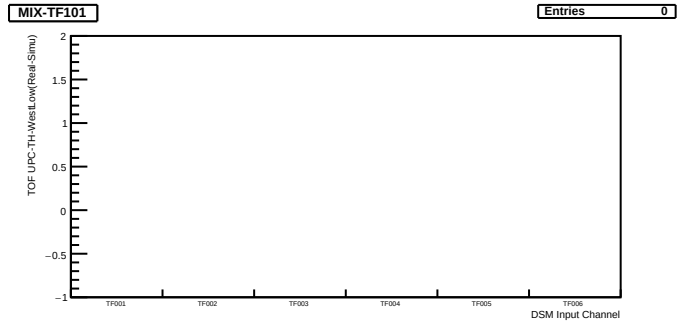

MIX-TF005
Entries 1.10854e+07
TOF MULT
TOF tray

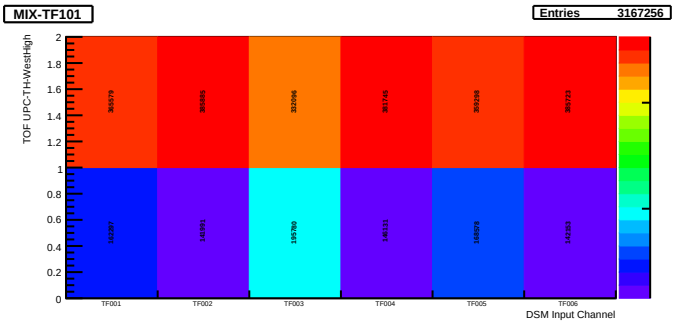

MIX-TF006
Entries 1.10854e+07
TOF MULT
TOF tray

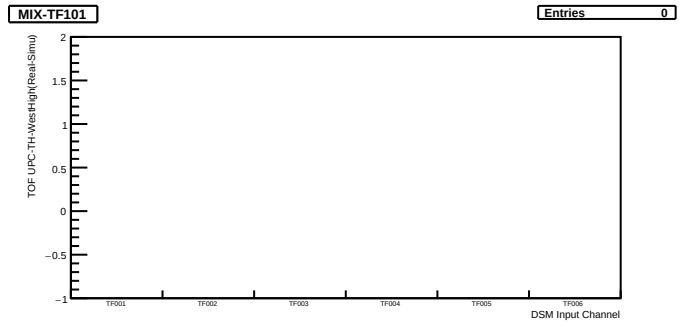

MIX-TF101
Entries 3167256
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

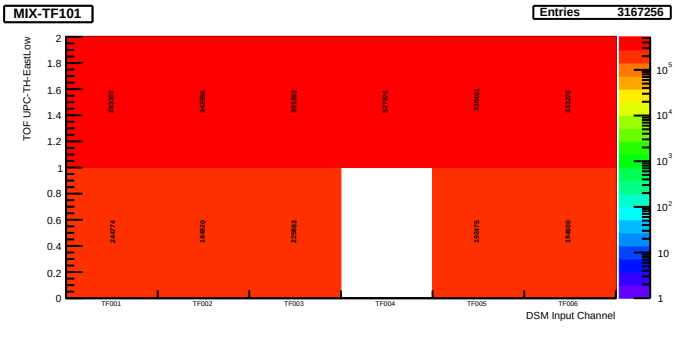

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

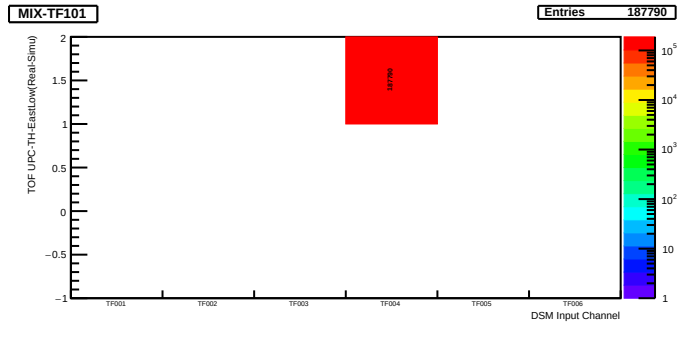

MIX-TF101
Entries 3167256
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

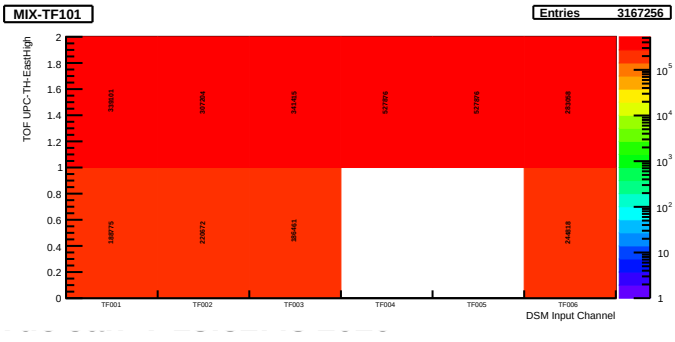

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

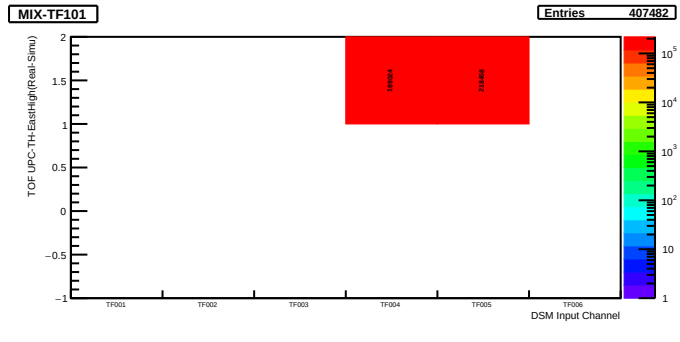

MIX-TF101
Entries 3167256
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

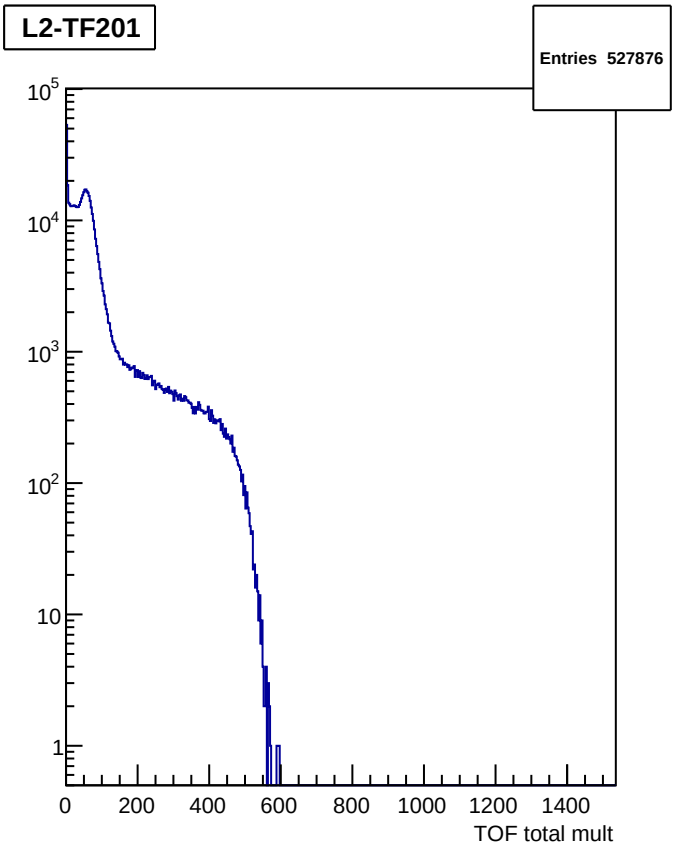

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

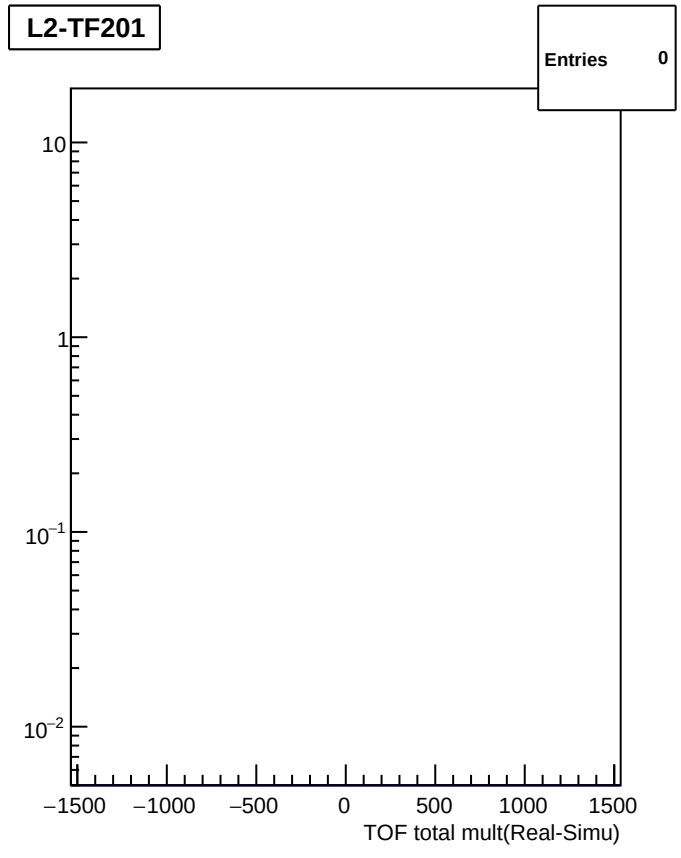

MIX-TF101
Entries 3167256
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

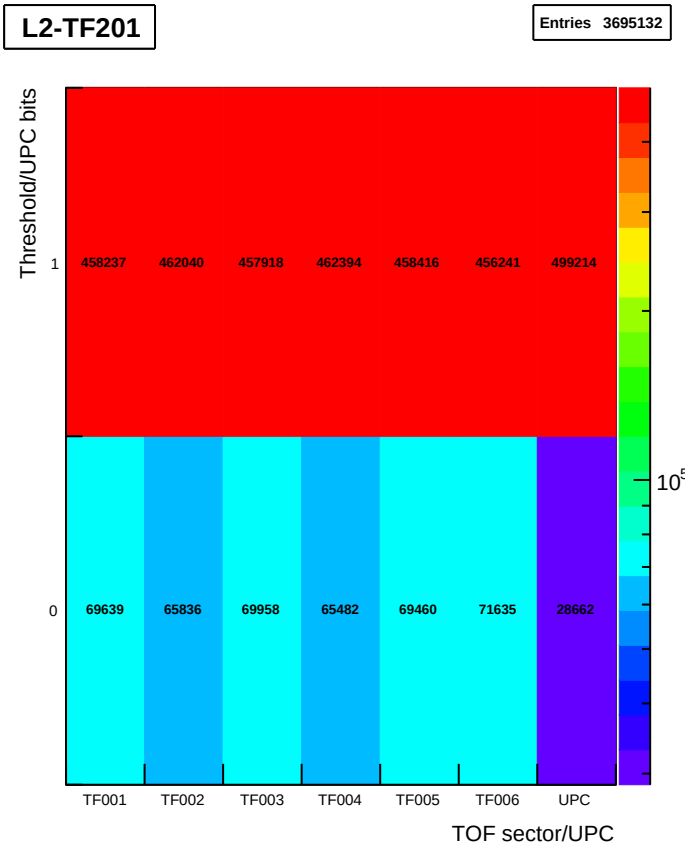

MIX-TF101
Entries 187790
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

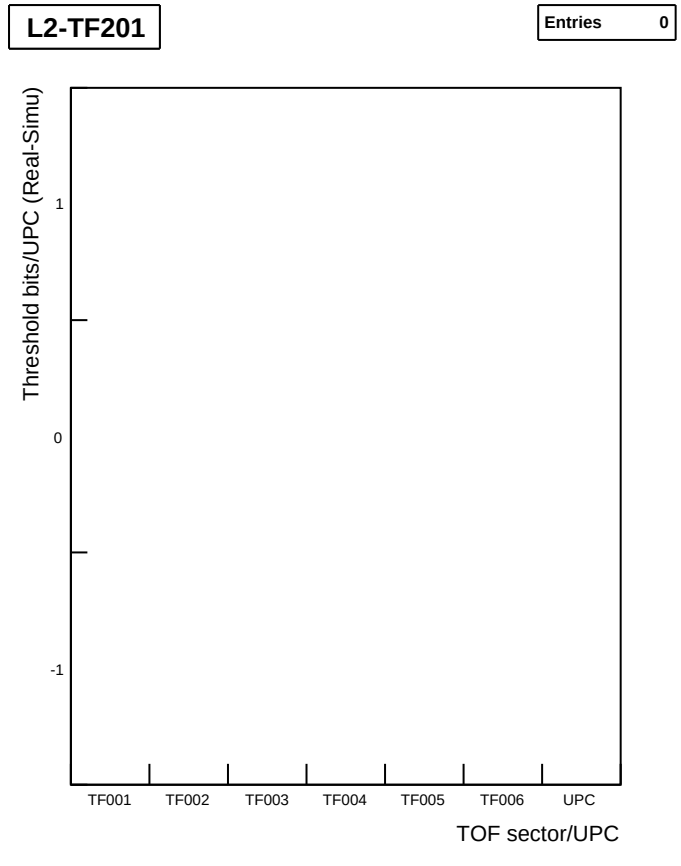

MIX-TF101
Entries 3167256
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

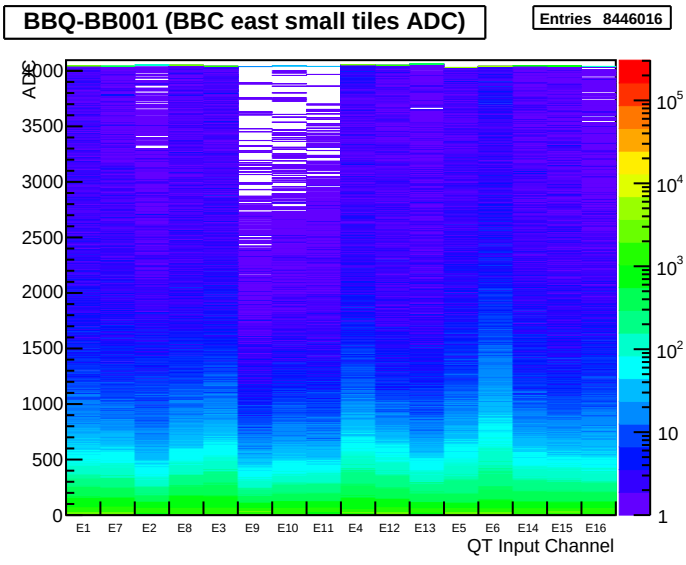

MIX-TF101
Entries 407482
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

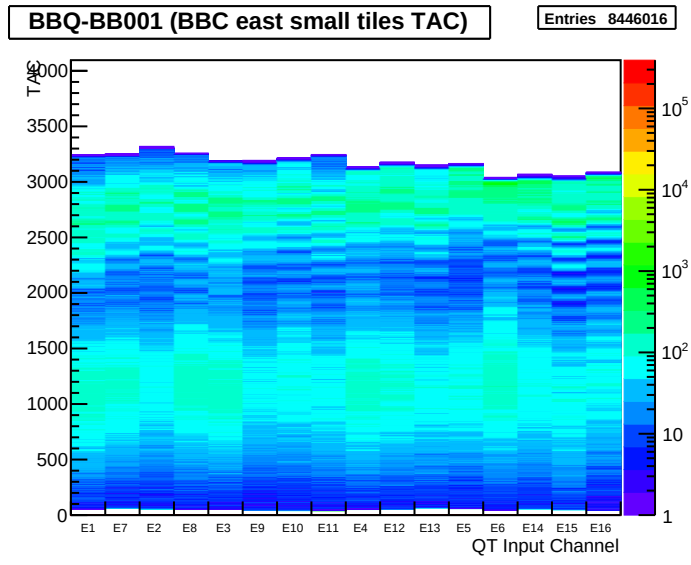

L2-TF201
Entries 527876
TOF total mult

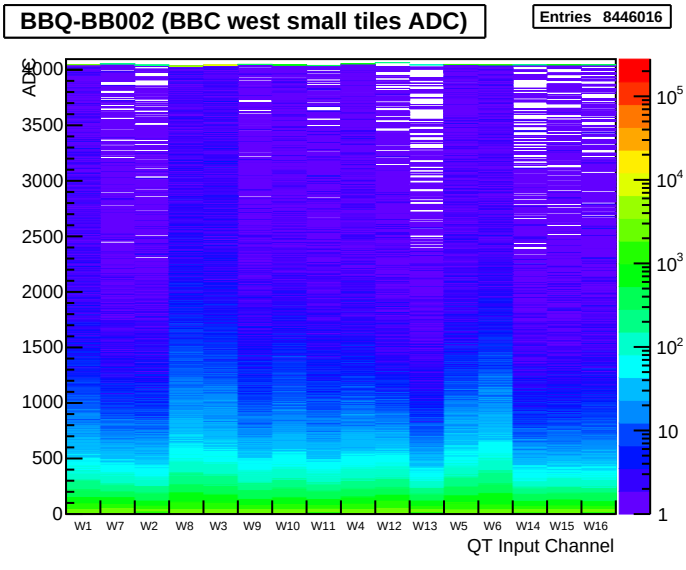

L2-TF201
Entries 0
TOF total mult(Real-Simu)

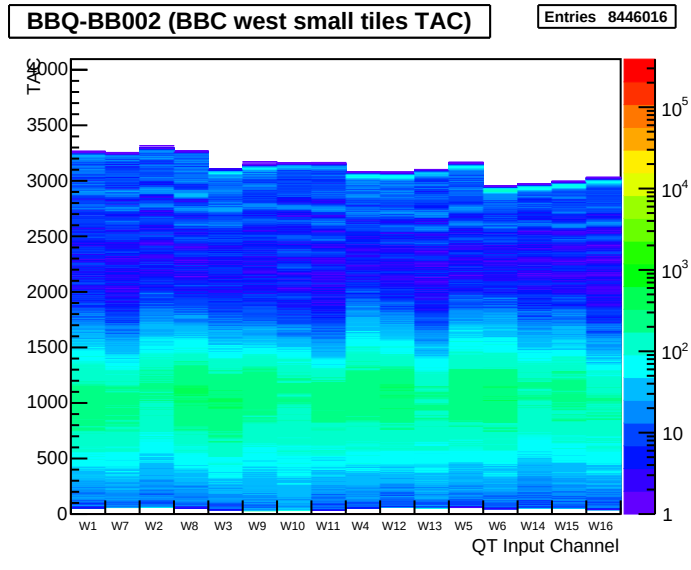

L2-TF201
Entries 3695132
Threshold/UPC bits
458237
462040
457918
462394
458416
456241
499214
69639
65836
69958
65482
69460
71635
28662
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

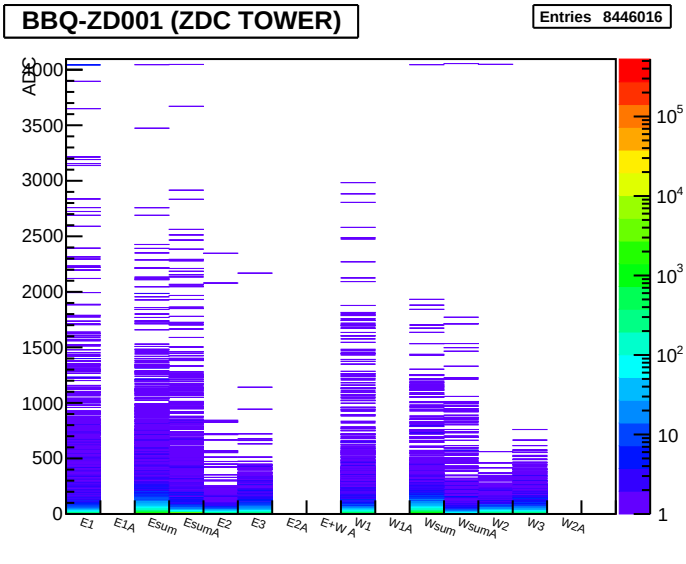

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

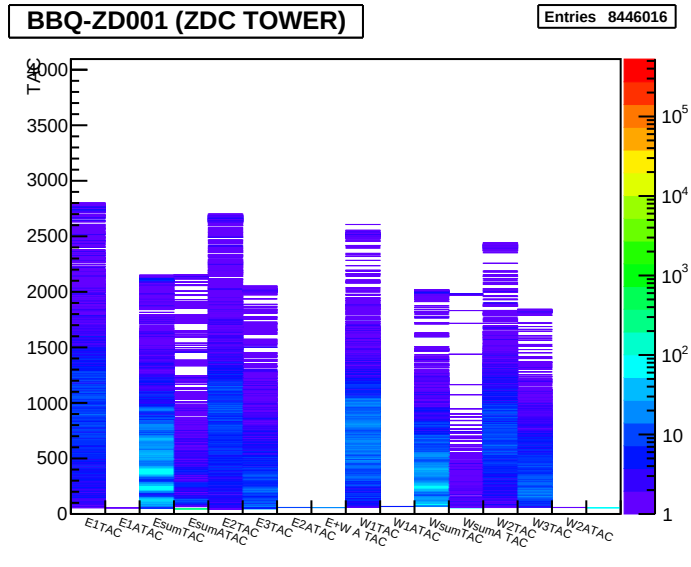

BBQ-BB001 (BBC east small tiles ADC)
Entries 8446016
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

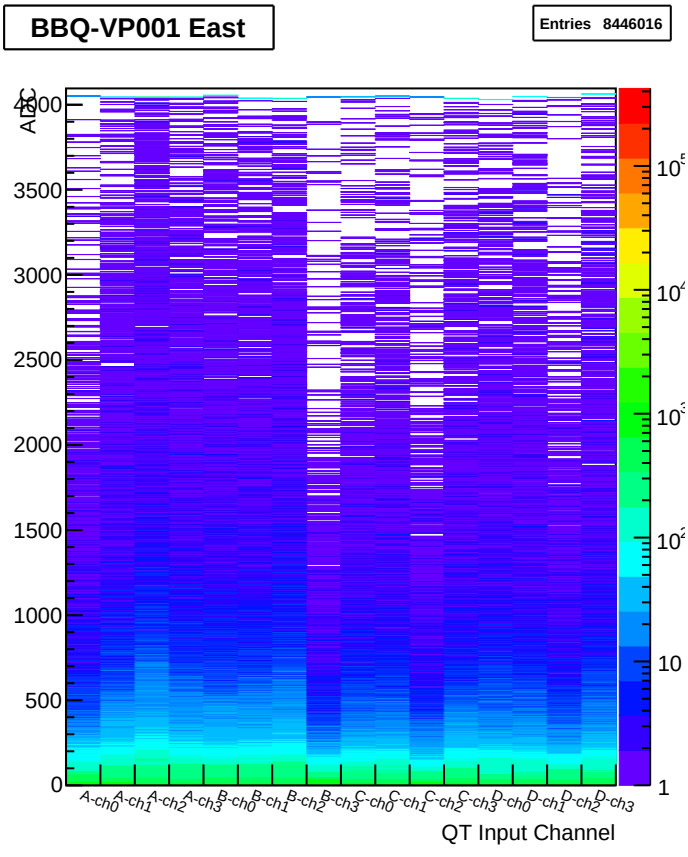

BBQ-BB001 (BBC east small tiles TAC)
Entries 8446016
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

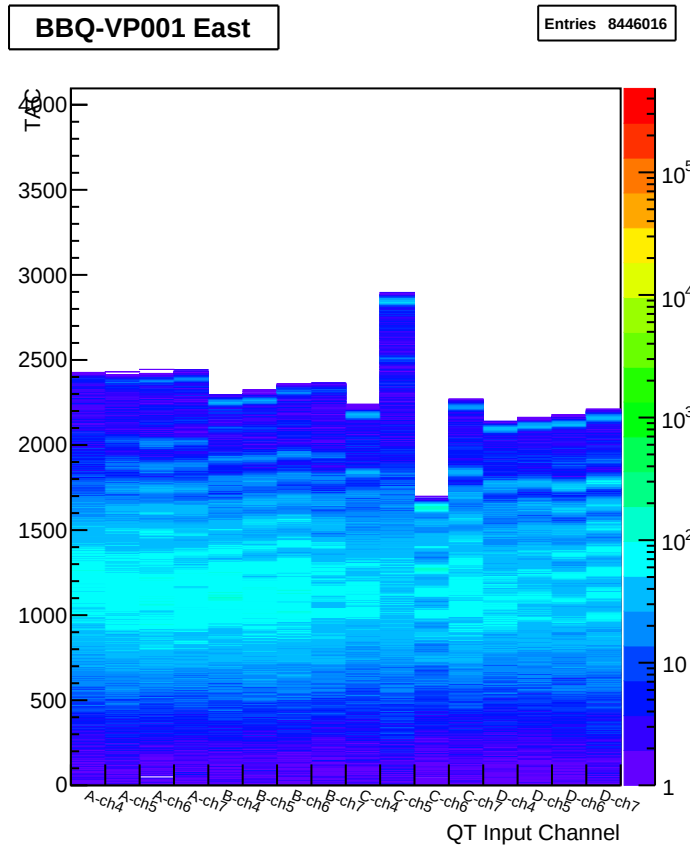

BBQ-BB002 (BBC west small tiles ADC)
Entries 8446016
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

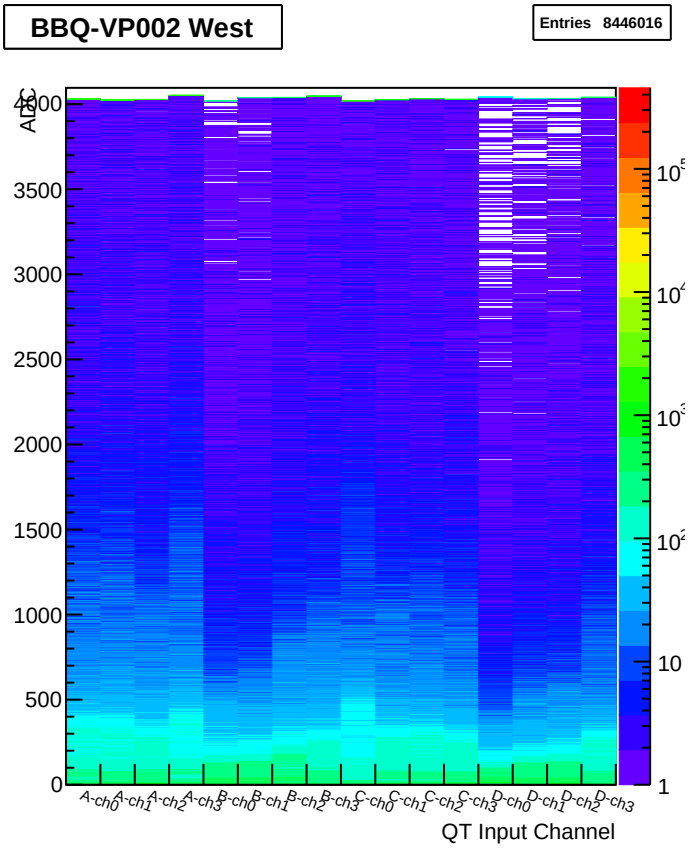

BBQ-BB002 (BBC west small tiles TAC)
Entries 8446016
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

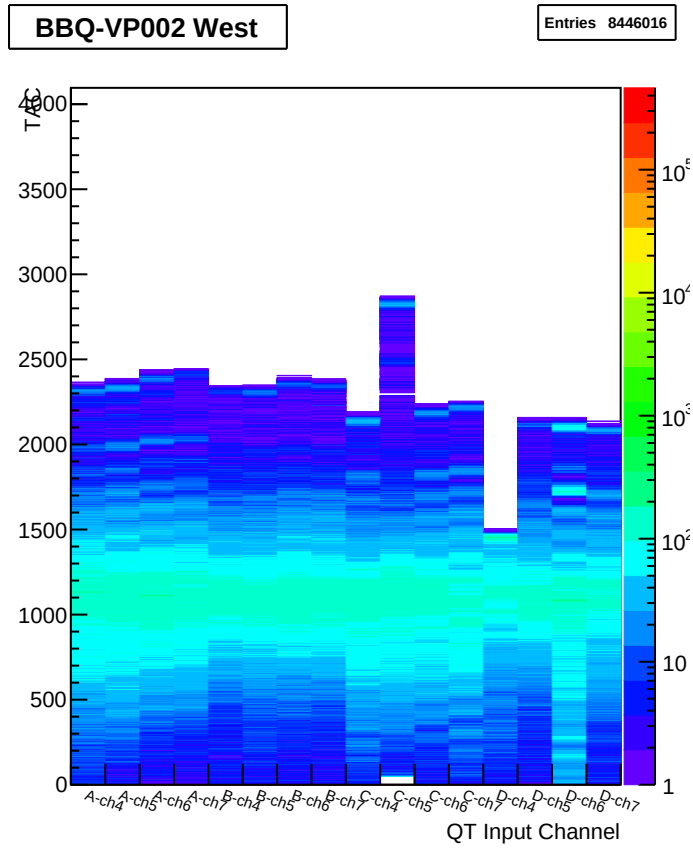

BBQ-ZD001 (ZDC TOWER)
Entries 8446016
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

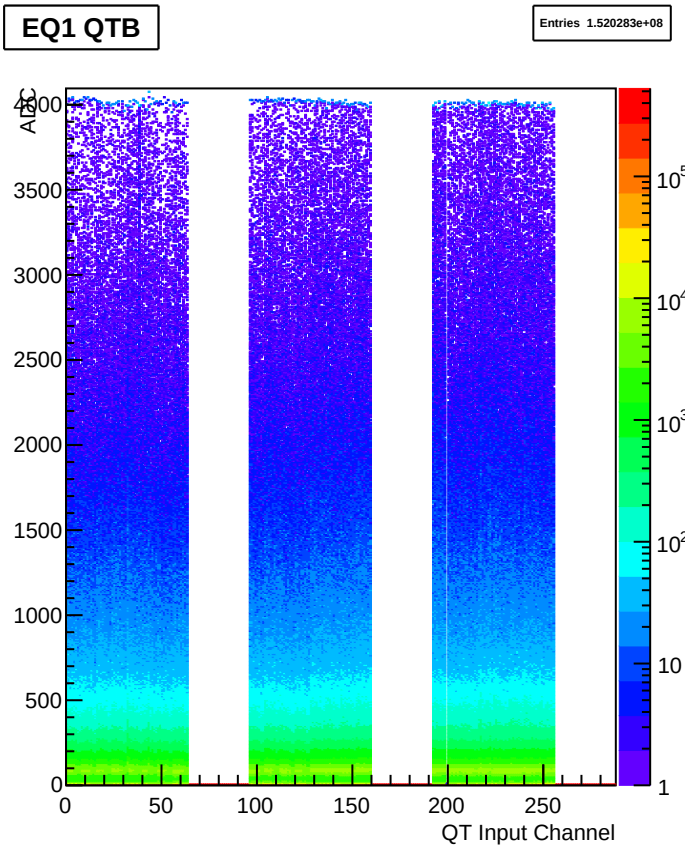

BBQ-ZD001 (ZDC TOWER)
Entries 8446016
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

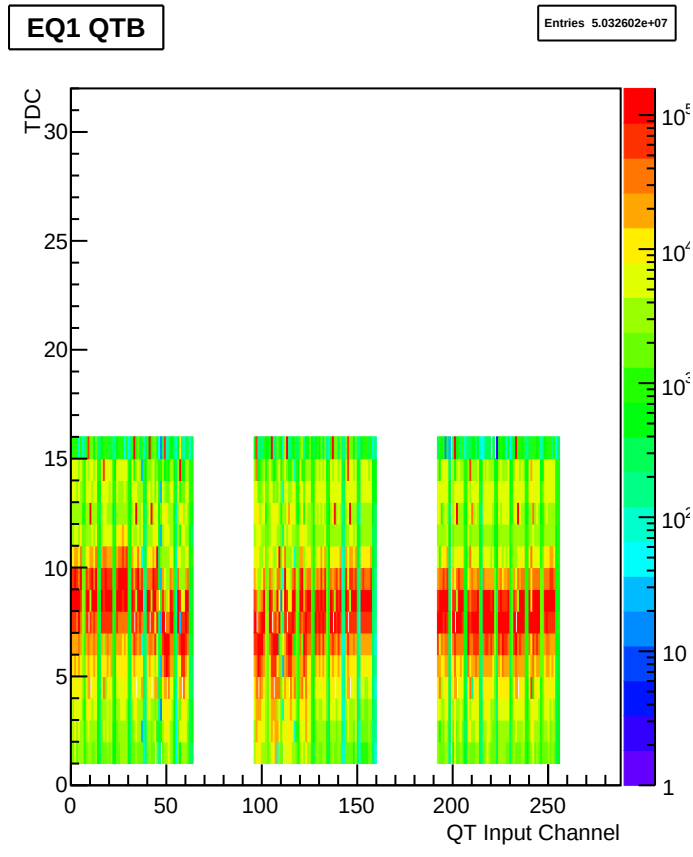

BBQ-VP001 East
Entries 8446016
ADC
QT Input Channel

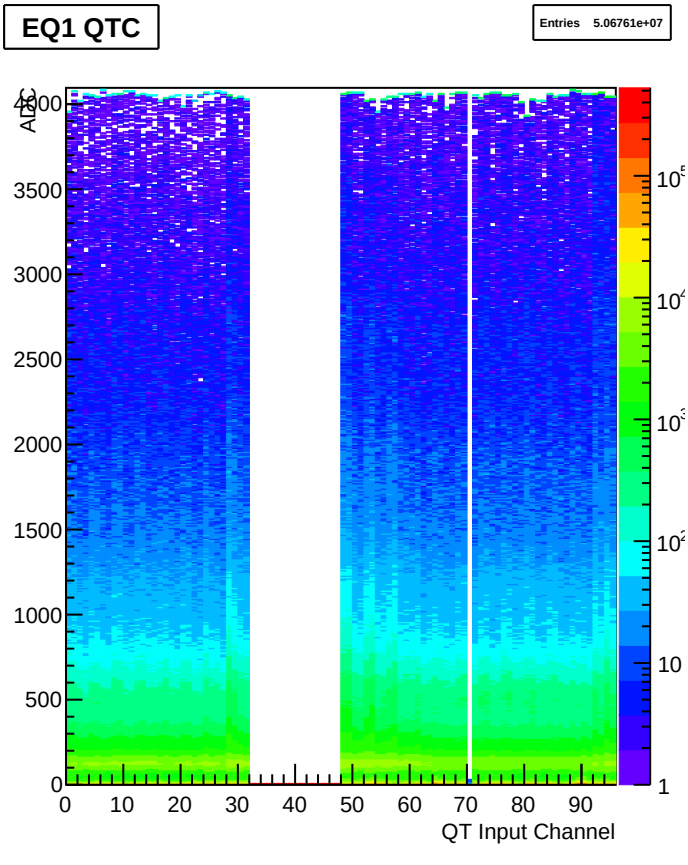

BBQ-VP001 East
Entries 8446016
TADC
QT Input Channel

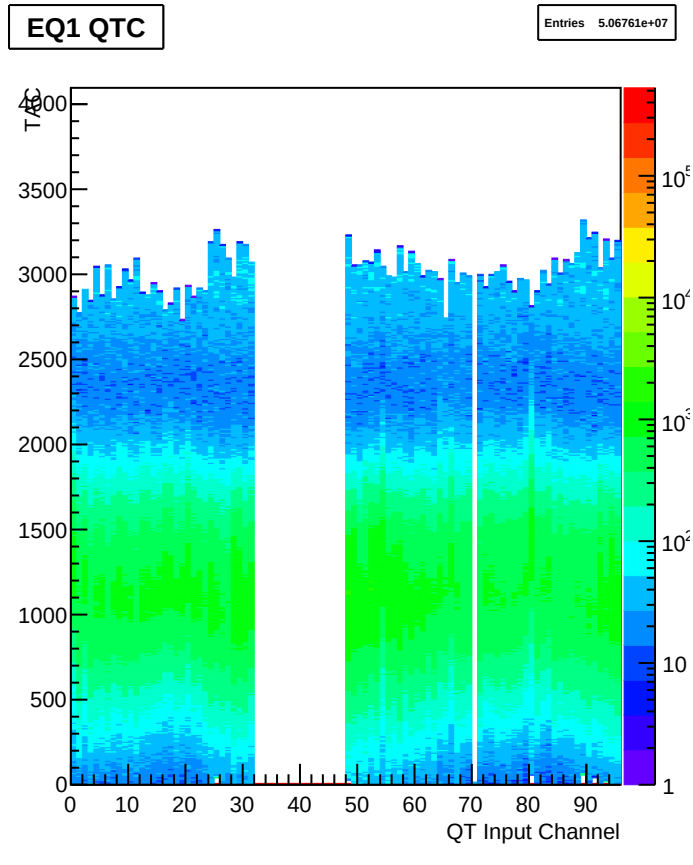

BBQ-VP002 West
Entries 8446016
ADC
QT Input Channel

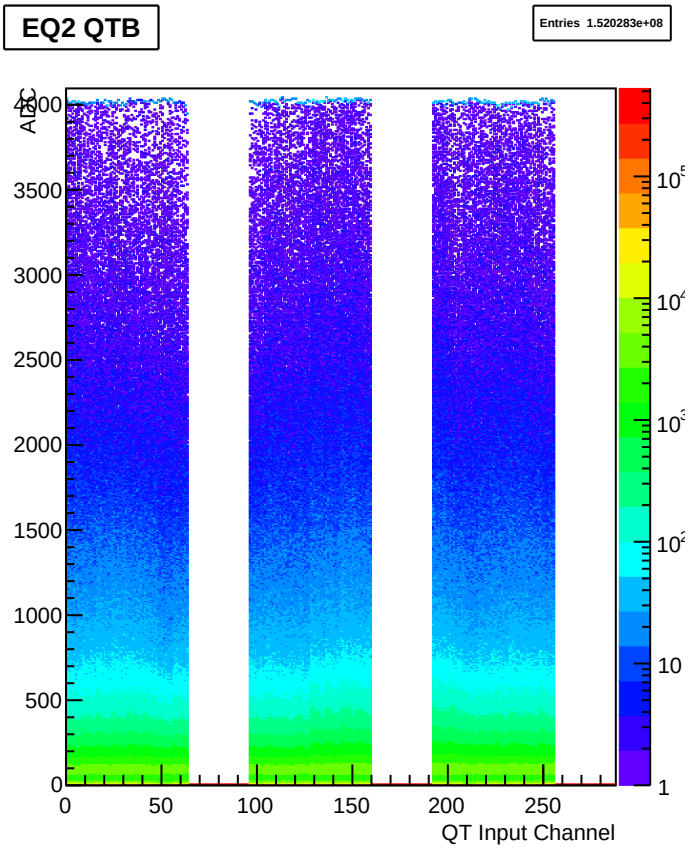

BBQ-VP002 West
Entries 8446016
TADC
QT Input Channel

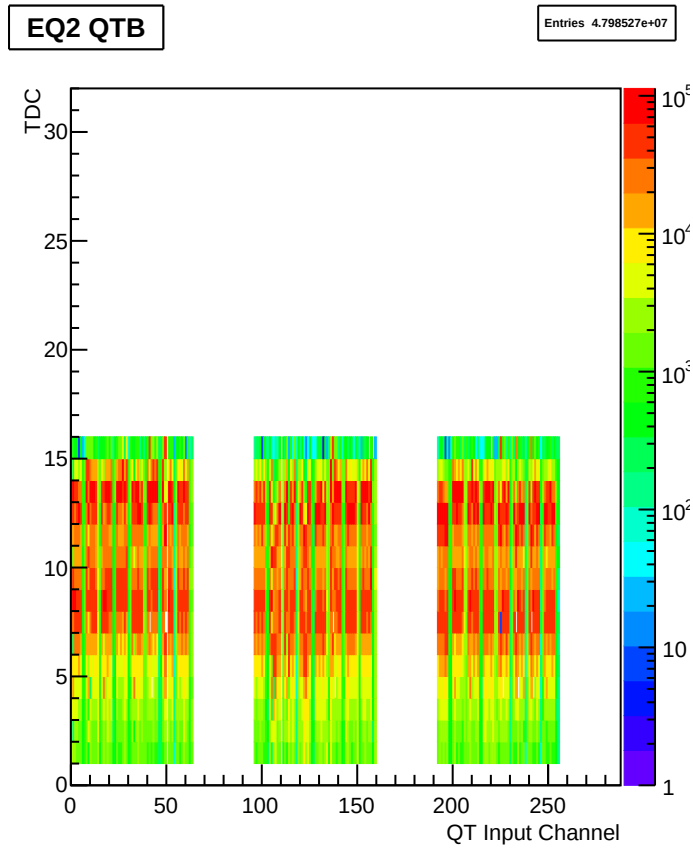

EQ1 QTB
Entries 1.520283e+08
ADC
QT Input Channel

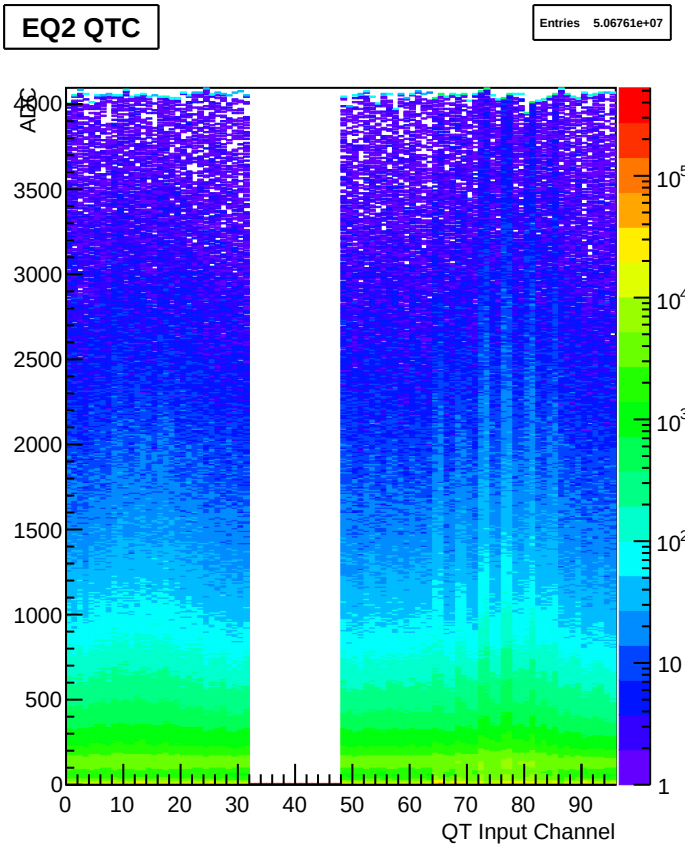

EQ1 QTB
Entries 5.032602e+07
TDC
QT Input Channel

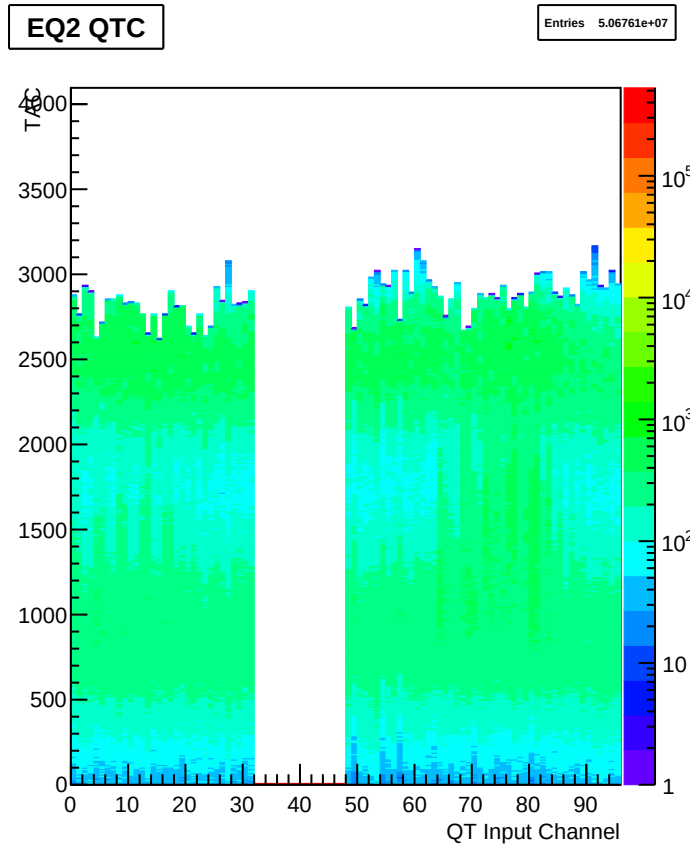

EQ1 QTC
Entries 5.06761e+07
ADC
QT Input Channel

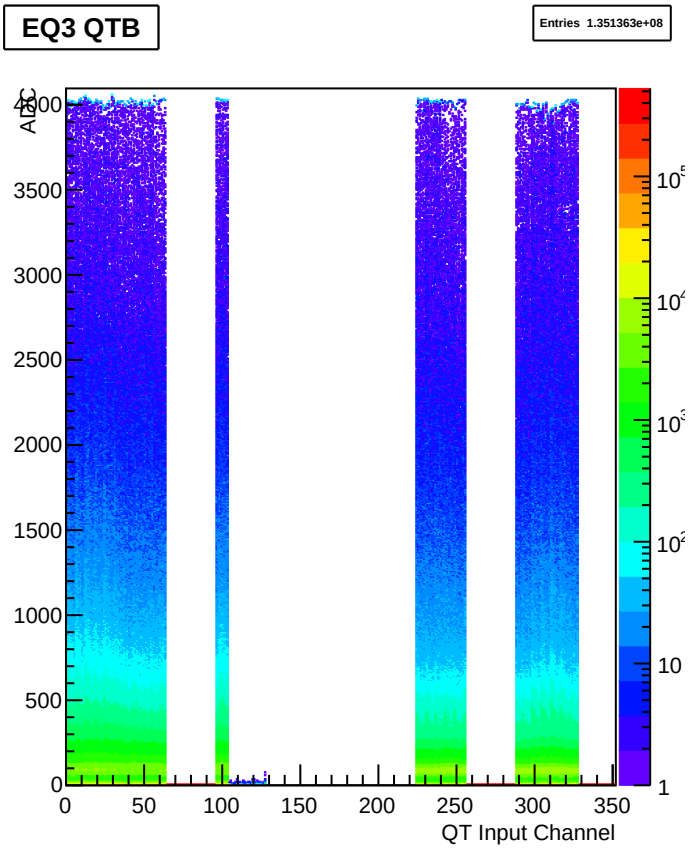

EQ1 QTC
Entries 5.06761e+07
TADC
QT Input Channel

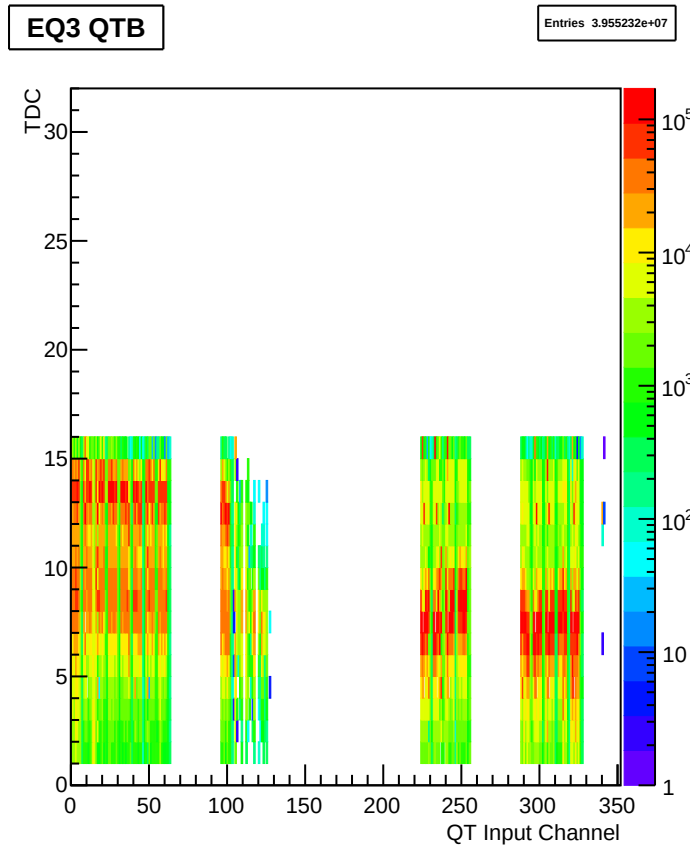

EQ2 QTB
Entries 1.520283e+08
ADC
QT Input Channel

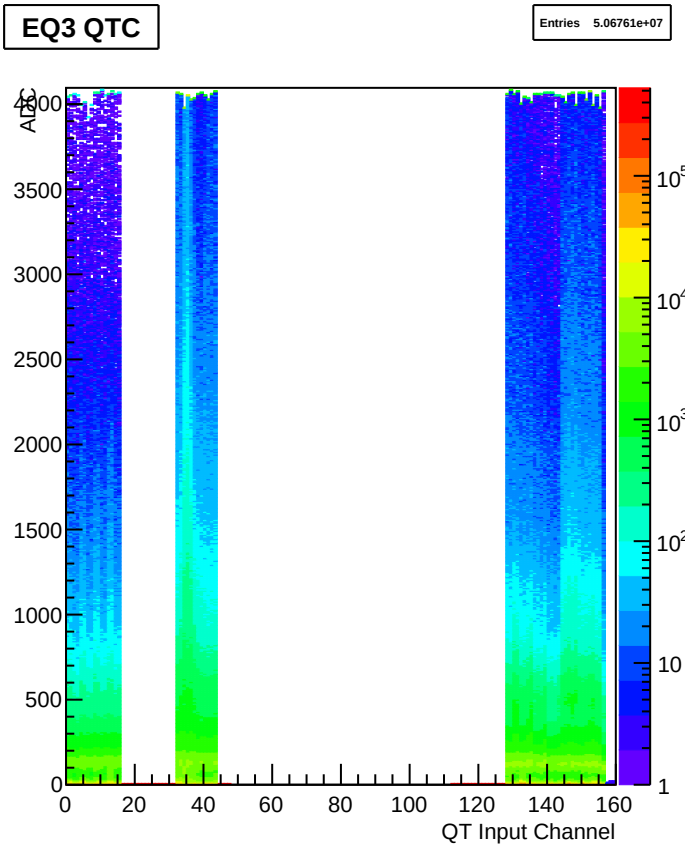

EQ2 QTB
Entries 4.798527e+07
TDC
QT Input Channel

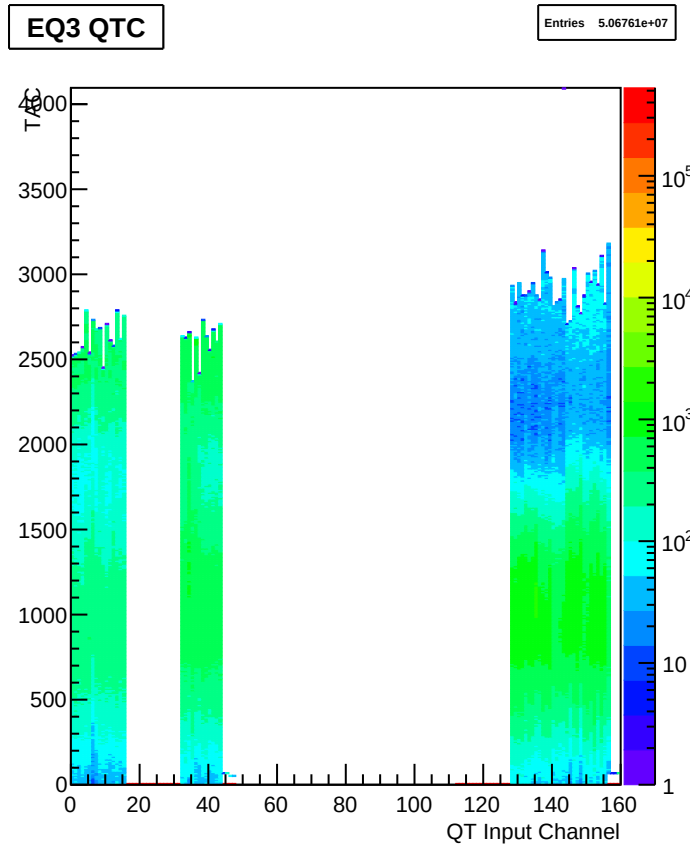

EQ2 QTC
Entries 5.06761e+07
ADC
QT Input Channel

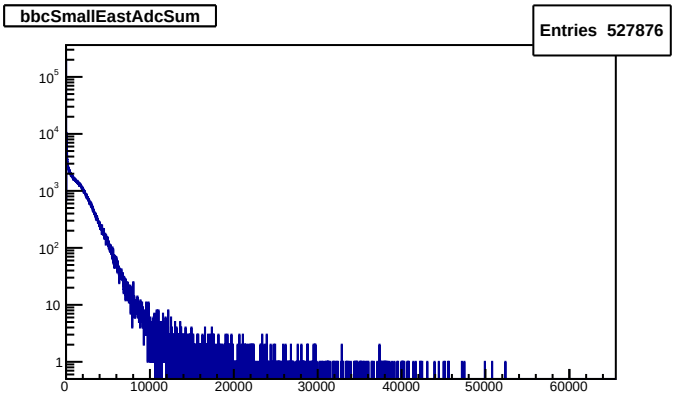

EQ2 QTC
Entries 5.06761e+07
TADC
QT Input Channel

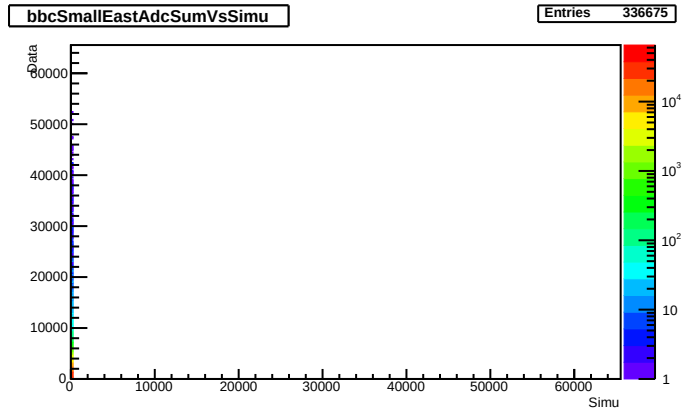

EQ3 QTB
Entries 1.351363e+08
ADC
QT Input Channel

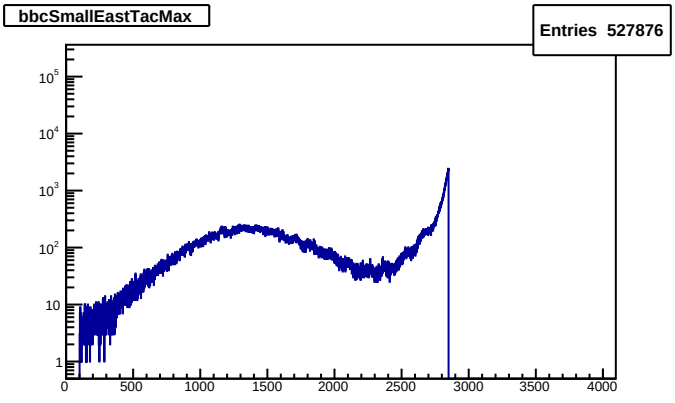

EQ3 QTB
Entries 3.955232e+07
TDC
QT Input Channel

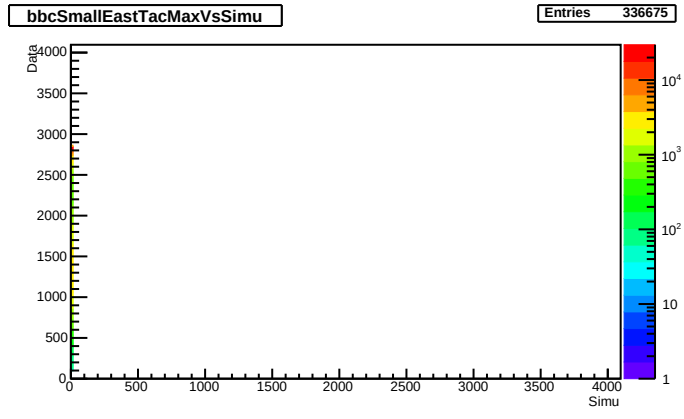

EQ3 QTC
Entries 5.06761e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.06761e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 527876


bbcSmallEastAdcSumVsSimu
Entries 336675
Data
Simu


bbcSmallEastTacMax
Entries 527876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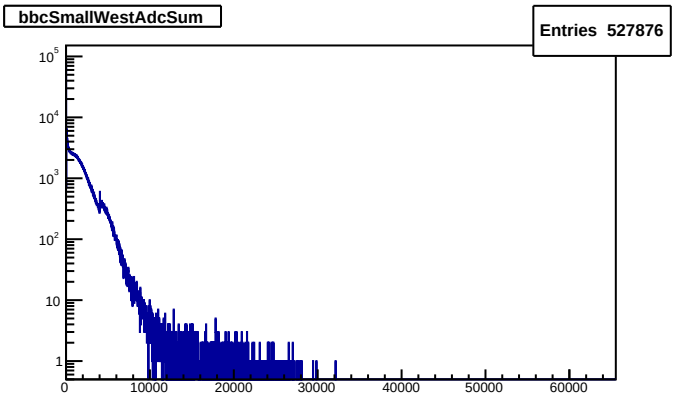
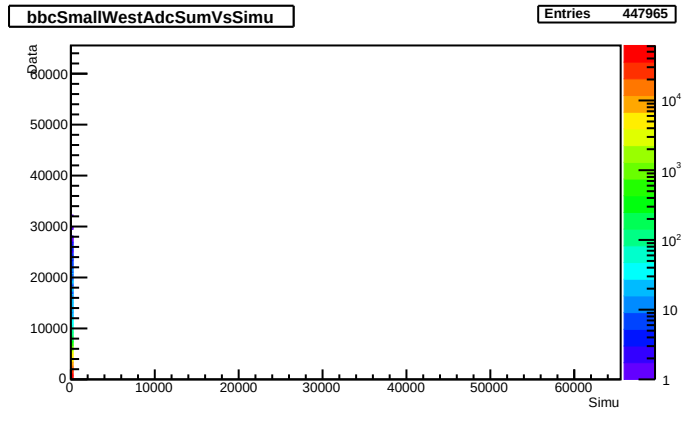
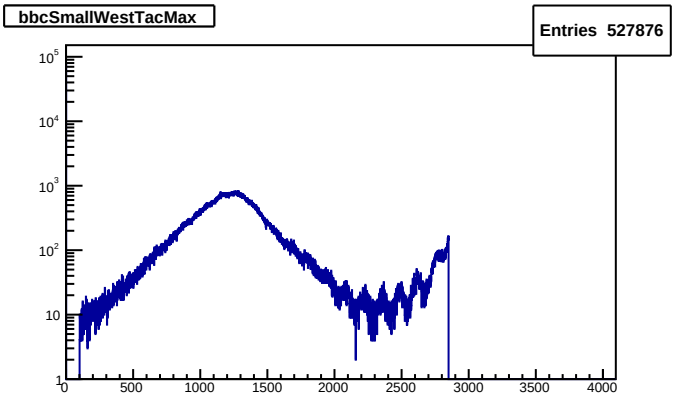

bbcSmallWestAdcSum
Entries 527876


bbcSmallWestAdcSumVsSimu
Entries 447965
Data
Simu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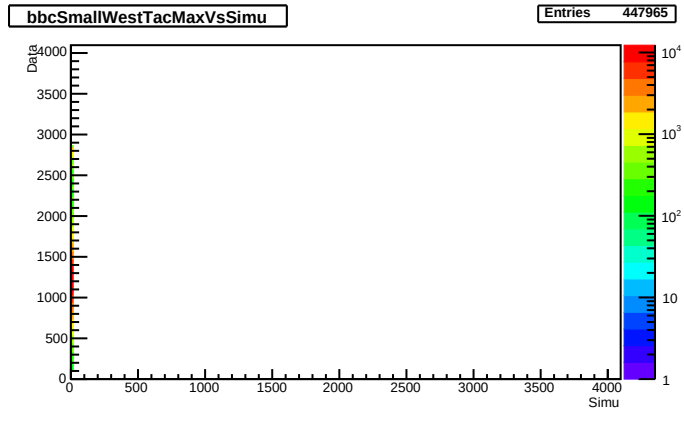
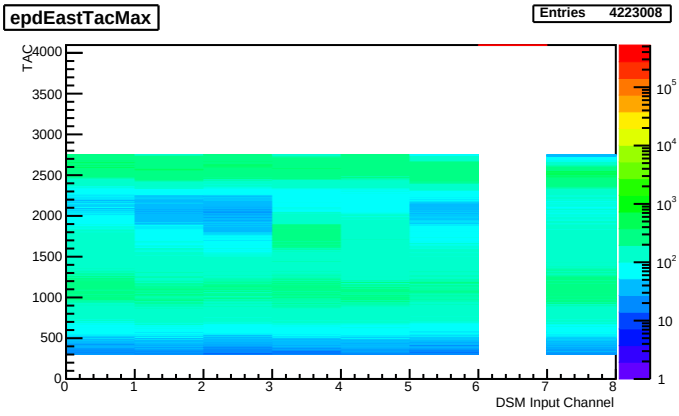
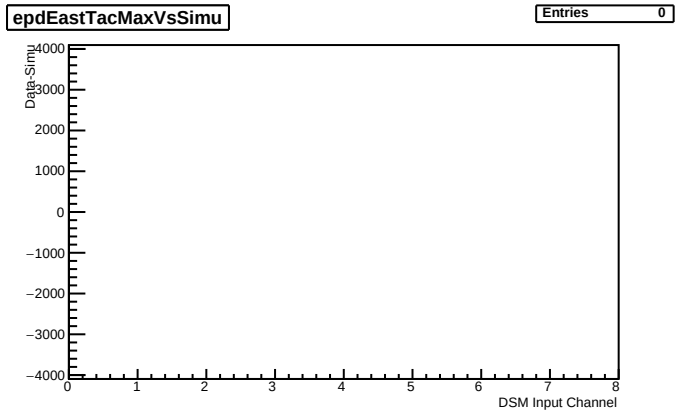
Entries 527876


bbcSmallWestTacMaxVsSimu
Entries 447965
Data
Simu


epdEastTacMax
Entries 4223008
TAC
DSM Input Channel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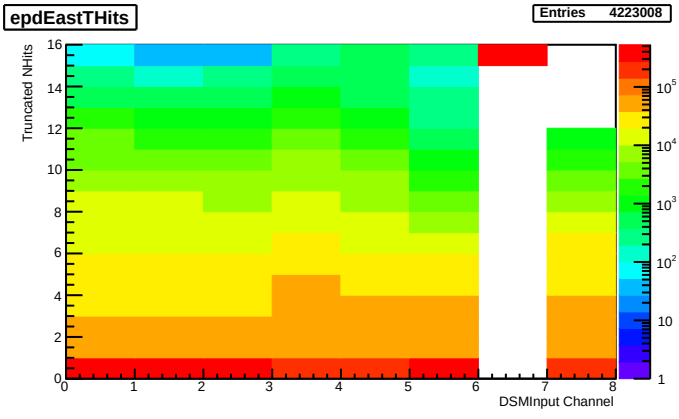
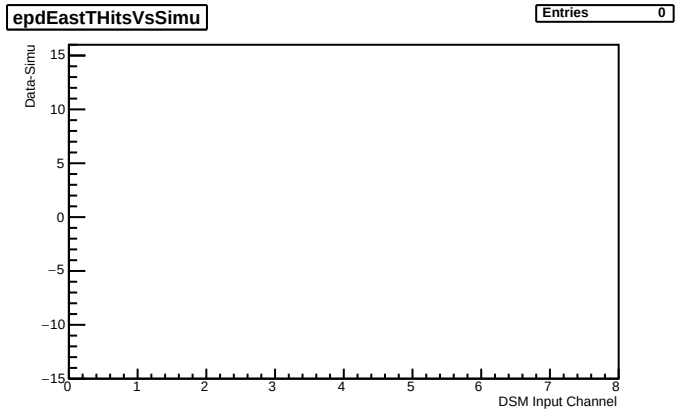
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4223008
Truncated NHits
DSMInput Channel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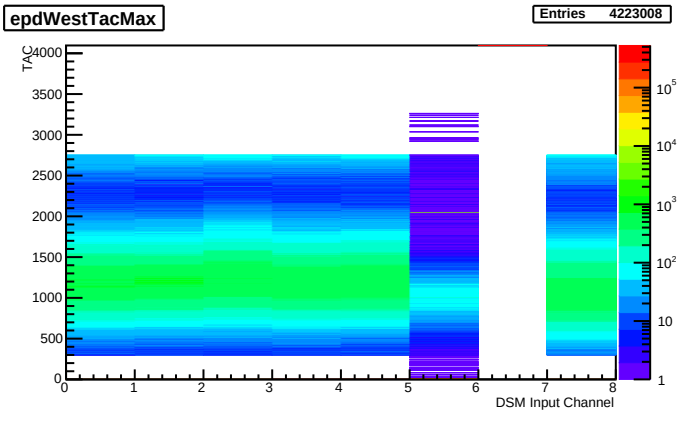
Data-Simu
DSM Input Channel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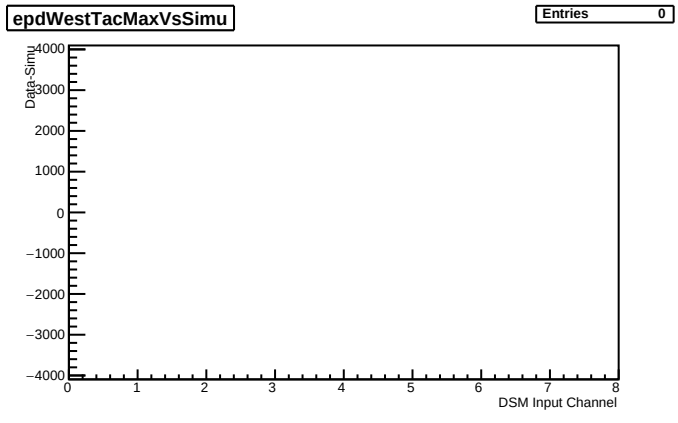
TAC
DSM Input Channel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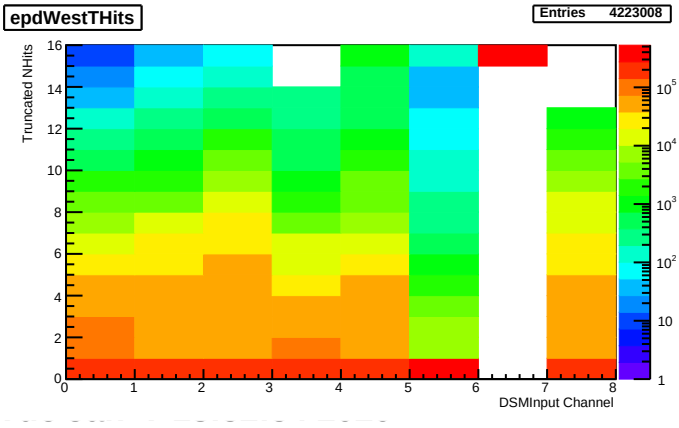
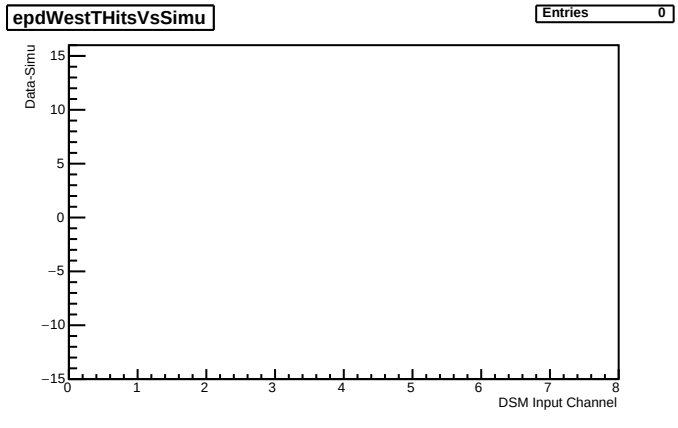
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4223008
Truncated NHits
DSMInput Channel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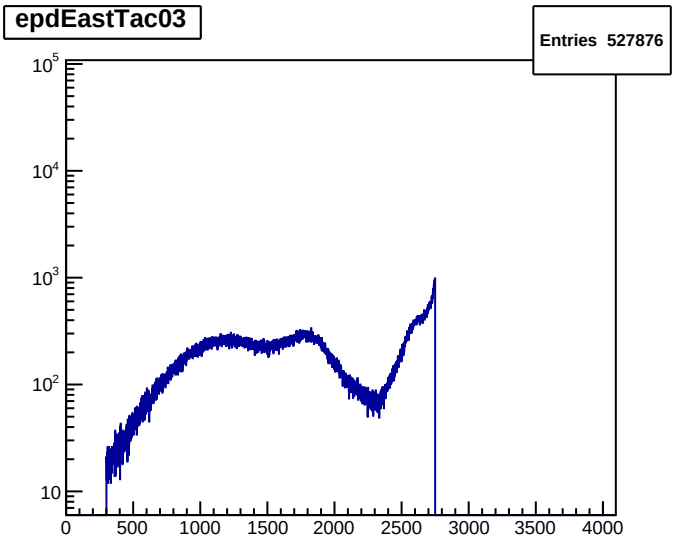
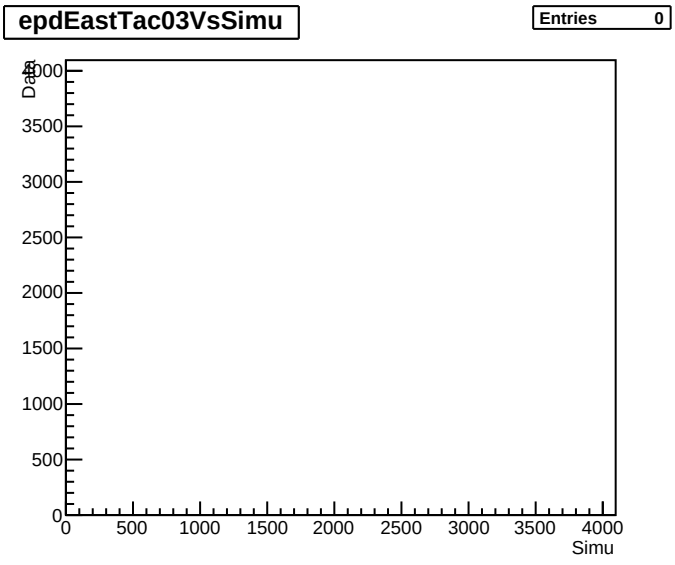
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 527876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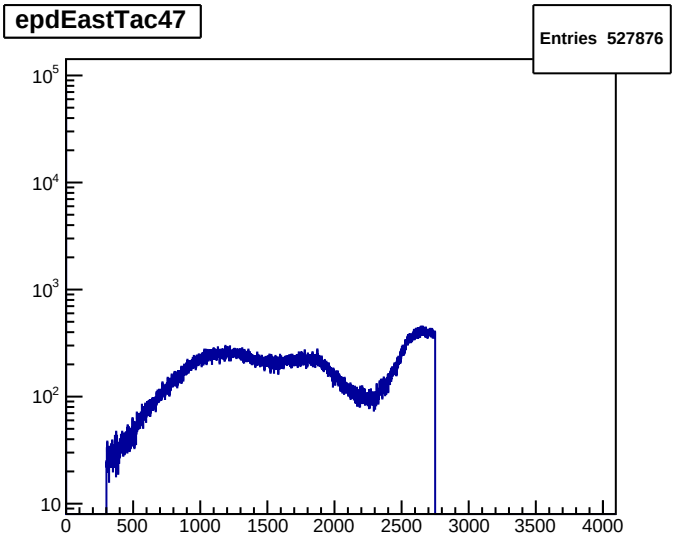
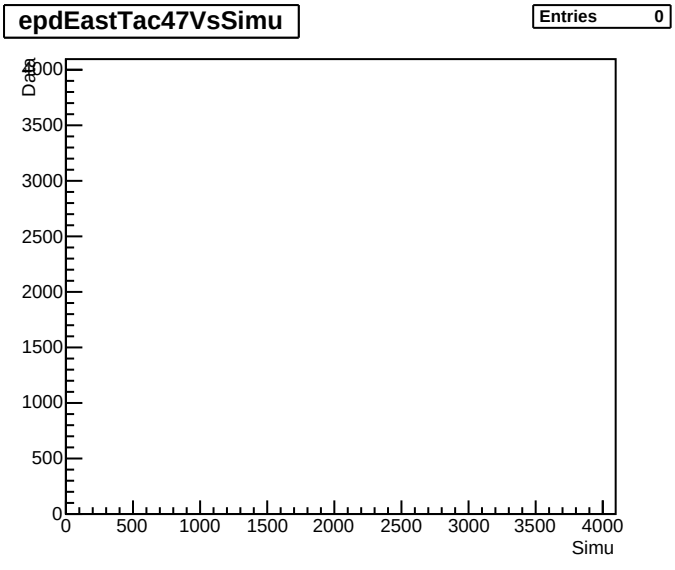
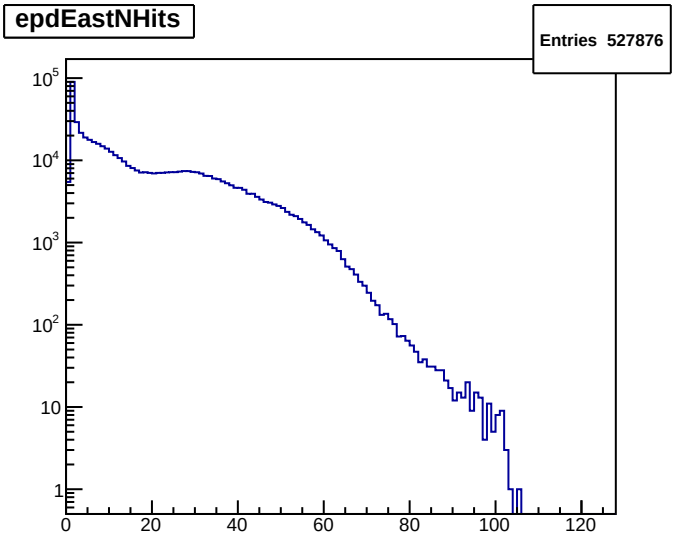
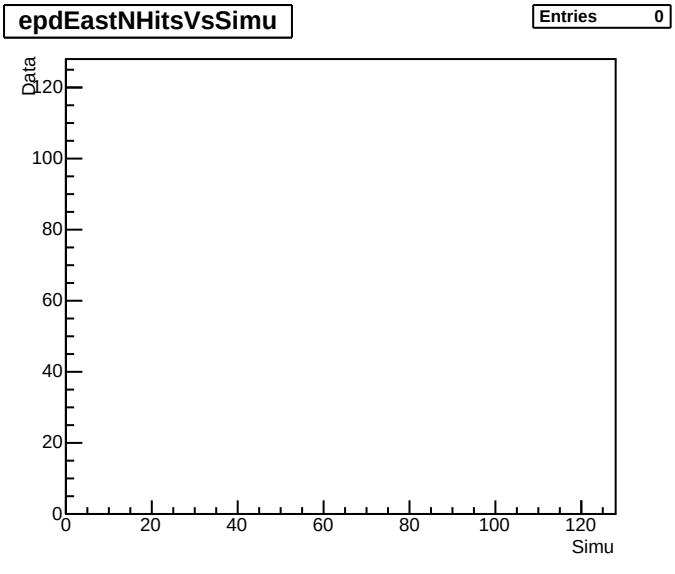
Entries 0
Data
Simu


epdEastTac47
Entries 527876


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 527876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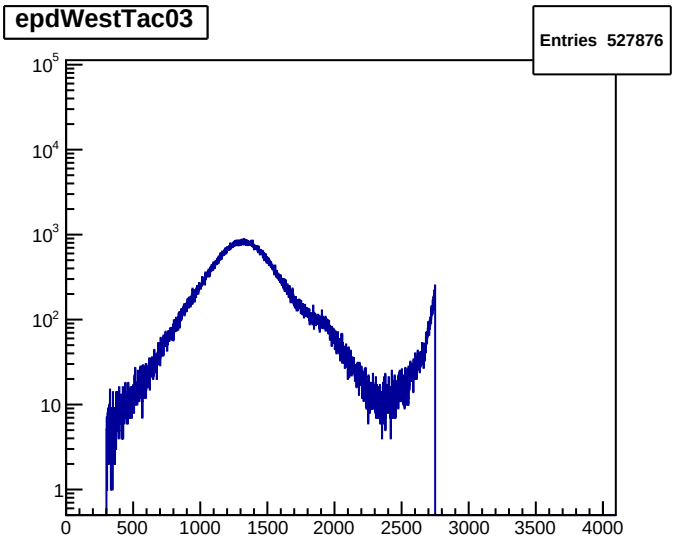
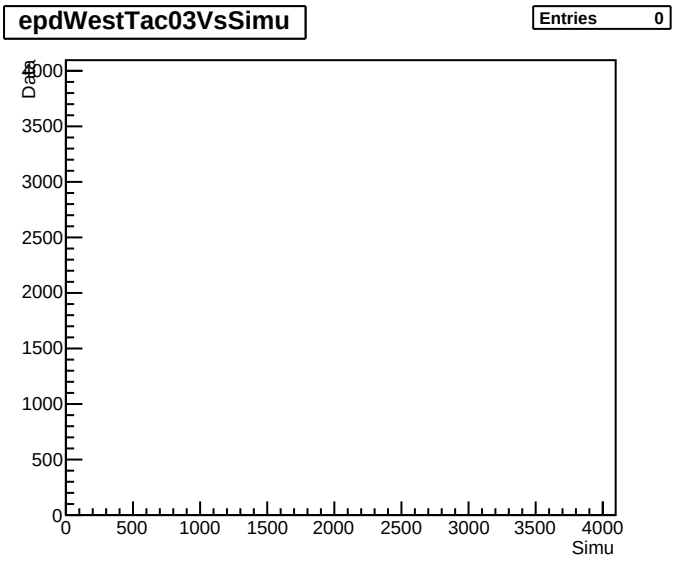
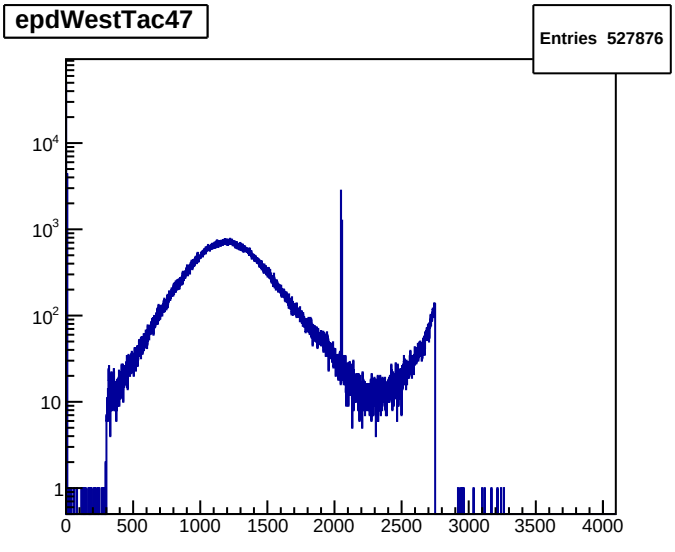
Entries 0
Data
Simu


epdWestTac03
Entries 527876


epdWestTac03VsSimu
Entries 0
Data
Simu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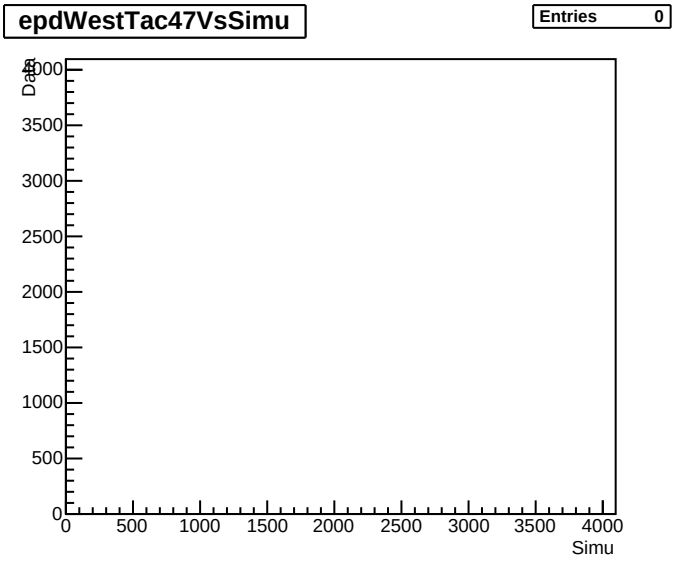
Entries 527876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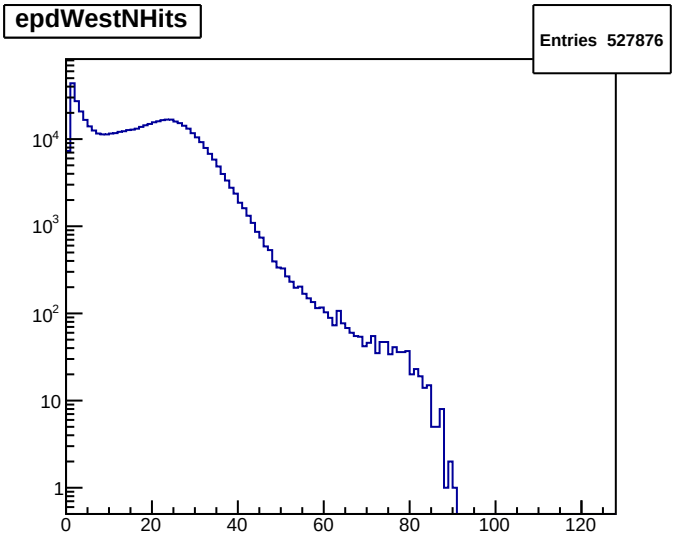
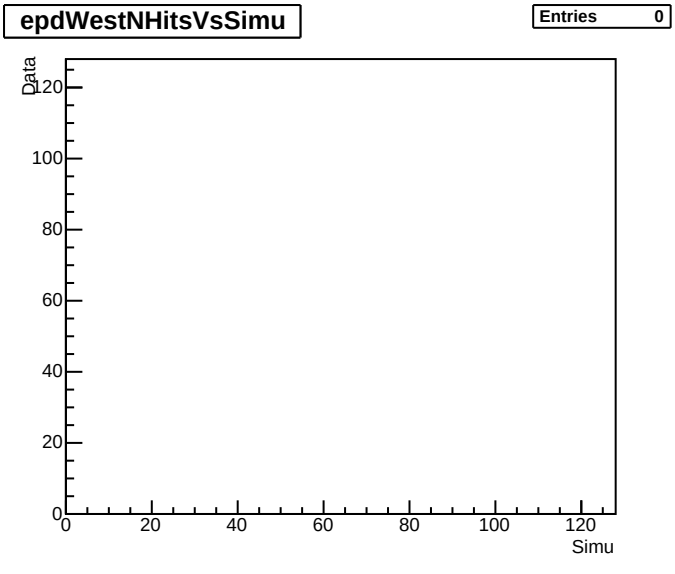
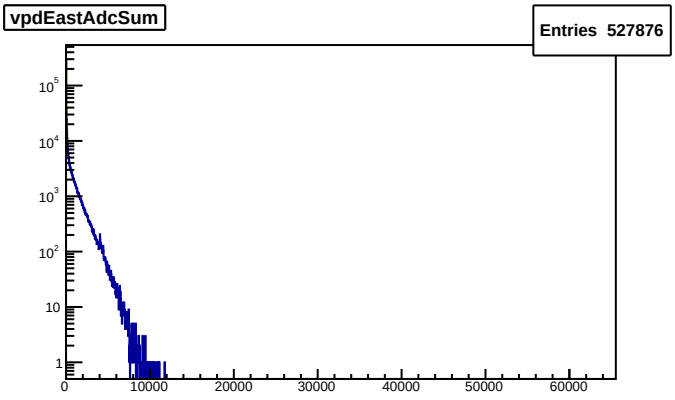
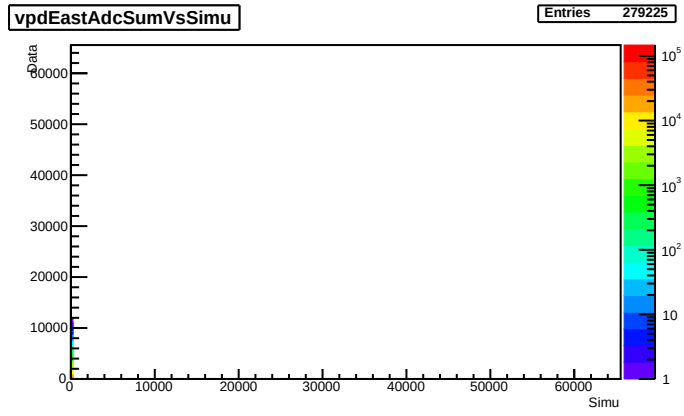
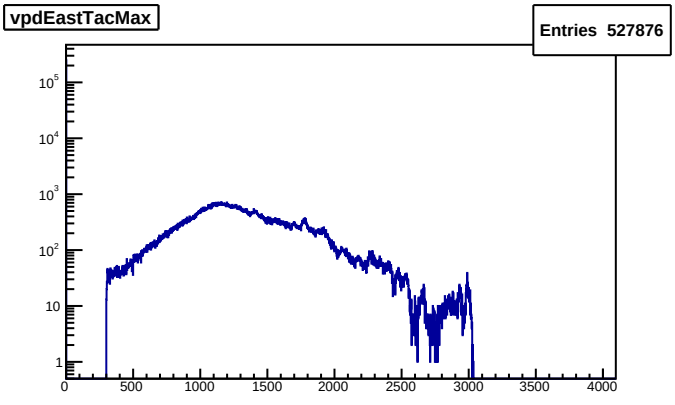
Entries 0
Data
Simu

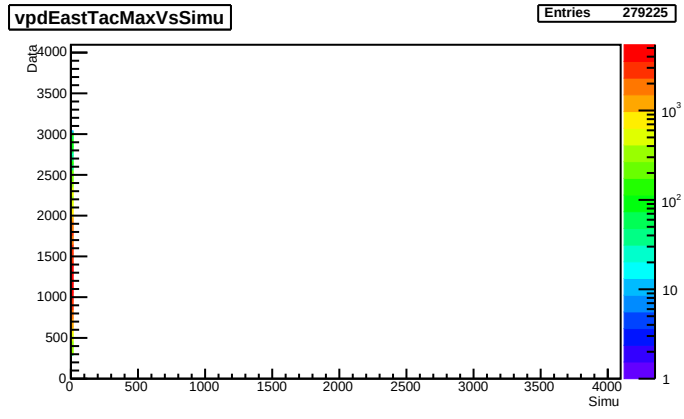

epdWestNHits
Entries 527876

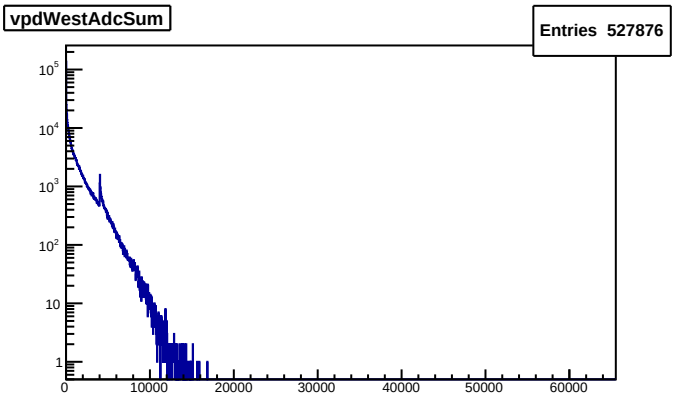

epdWestNHitsVsSimu
Entries 0
Data
Simu

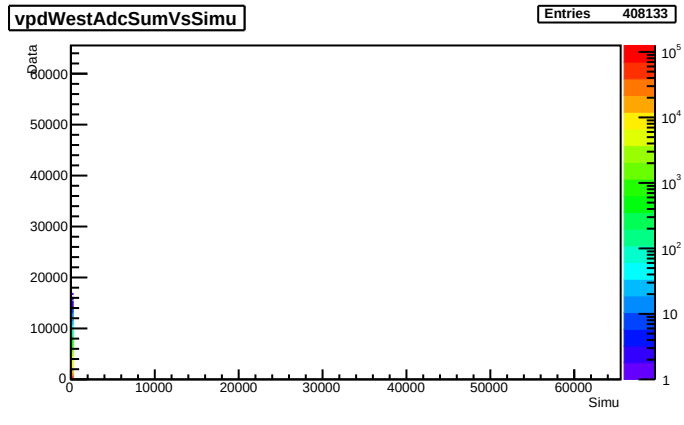

vpdEastAdcSum
Entries 527876

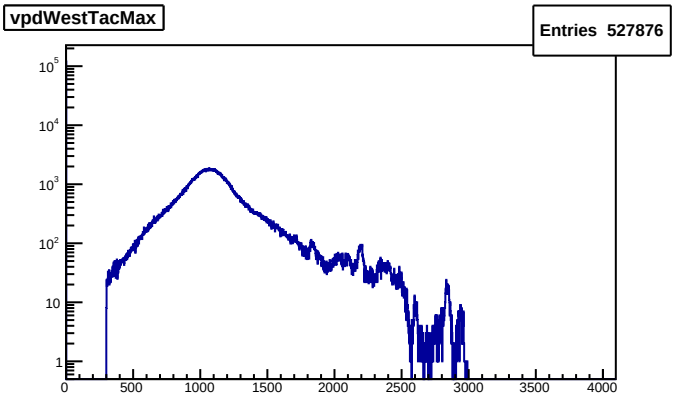

vpdEastAdcSumVsSimu
Entries 279225
Data
Simu

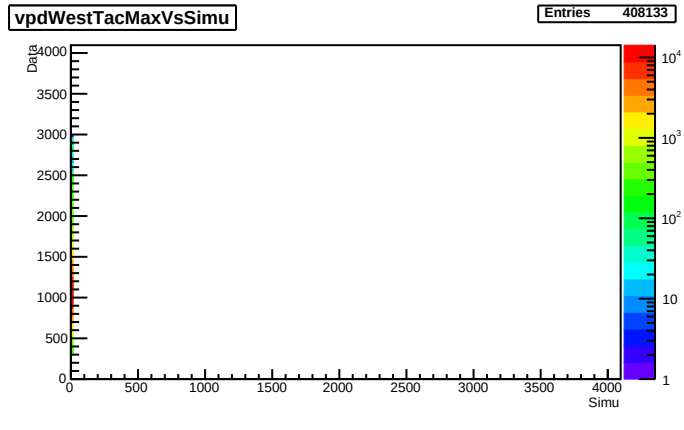

vpdEastTacMax
Entries 527876

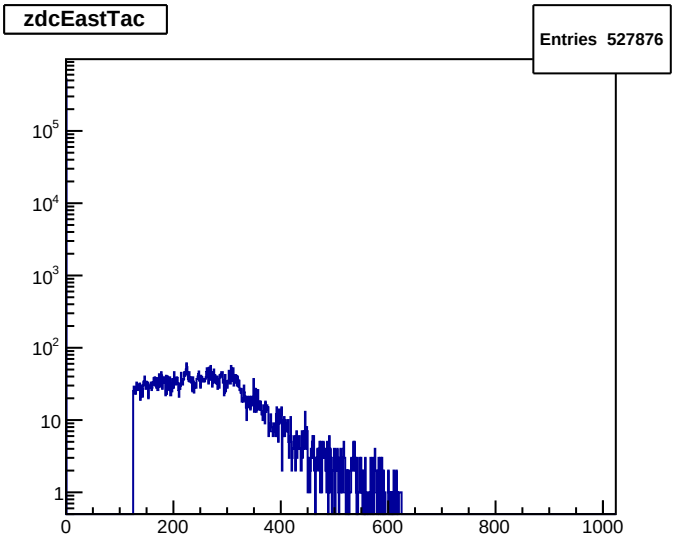

vpdEastTacMaxVsSimu
Entries 279225
Data
Simu

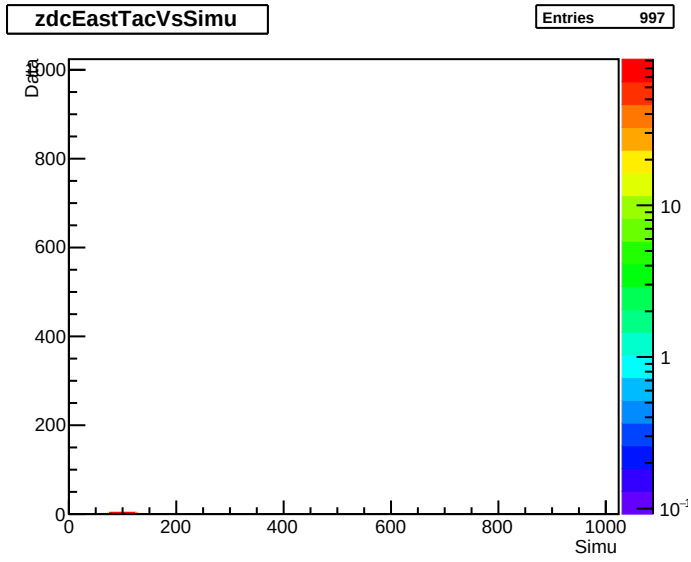

vpdWestAdcSum
Entries 527876

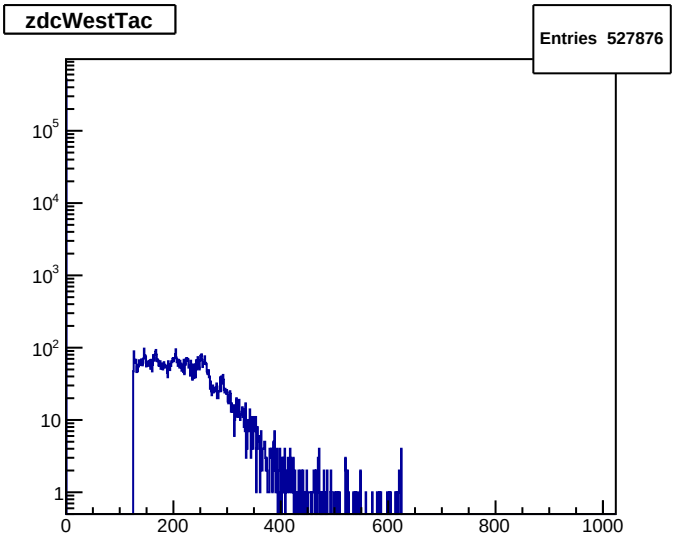

vpdWestAdcSumVsSimu
Entries 408133
Data
Simu

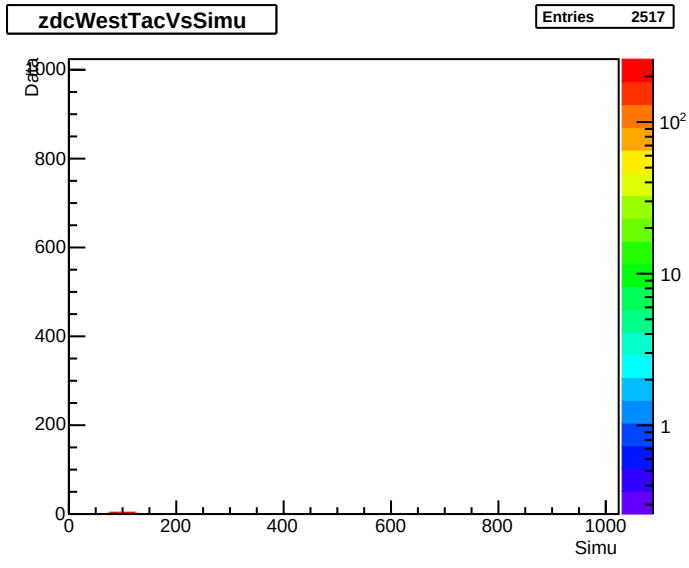

vpdWestTacMax
Entries 527876

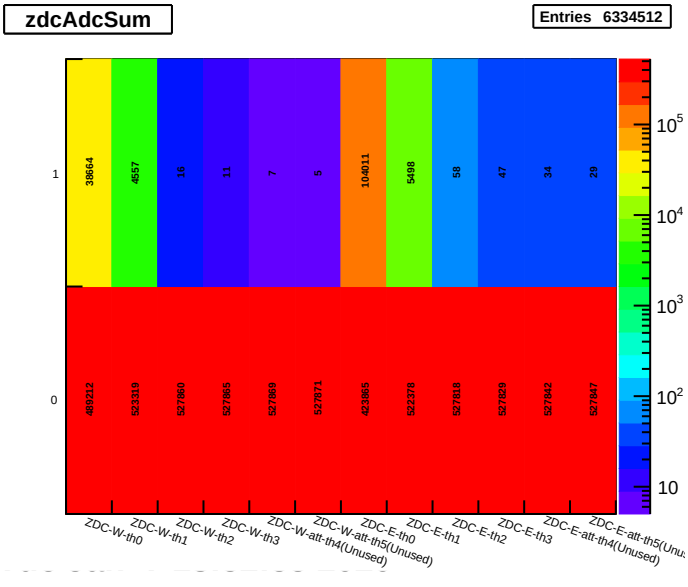

vpdWestTacMaxVsSimu
Entries 408133
Data
Simu

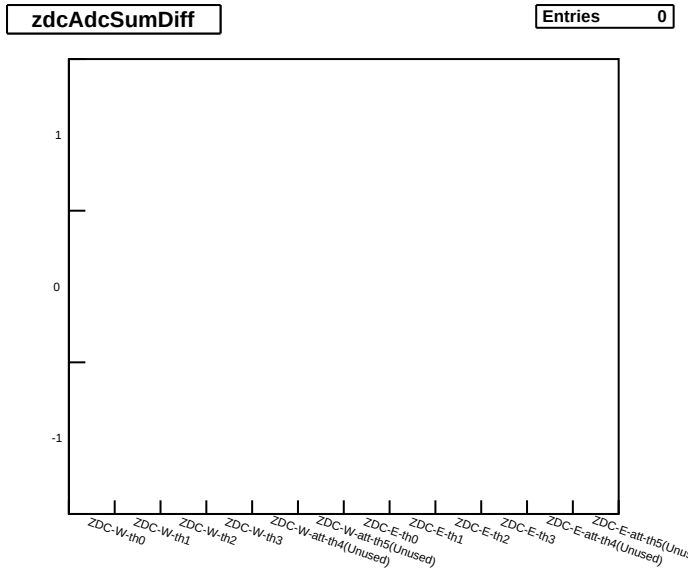

zdcEastTac
Entries 527876

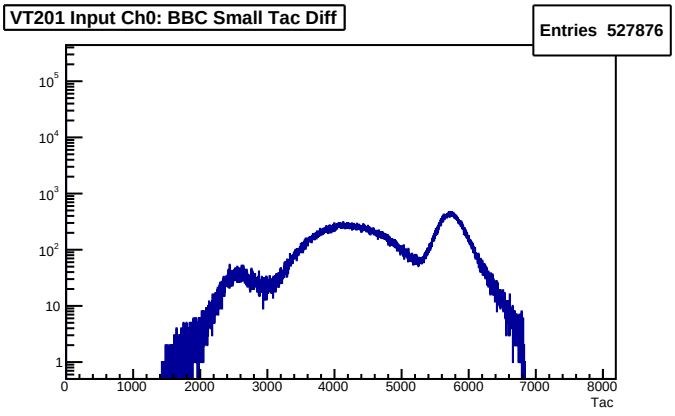

zdcEastTacVsSimu
Entries 997
Data
Simu

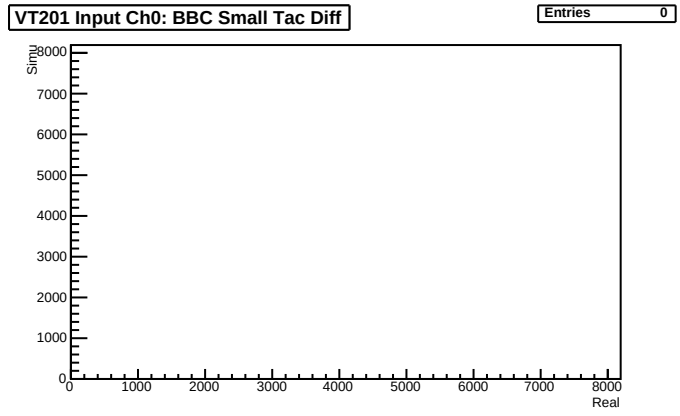

zdcWestTac
Entries 527876

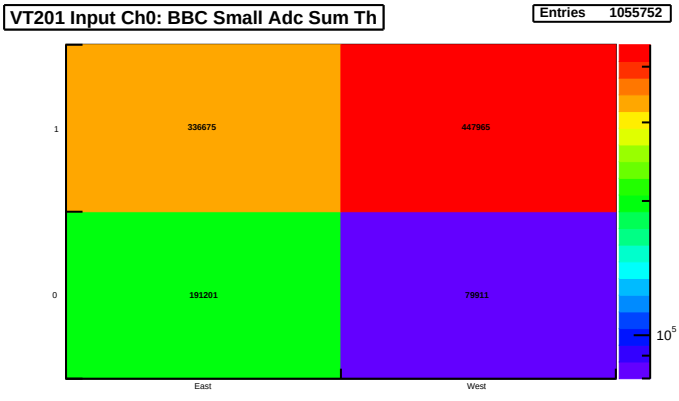

zdcWestTacVsSimu
Entries 2517
Data
Simu

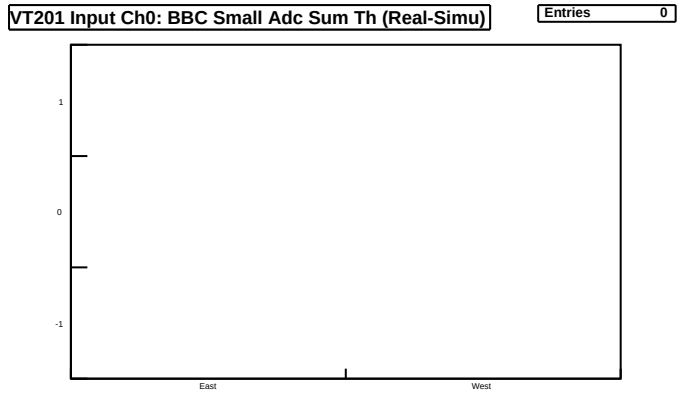

zdcAdcSum
Entries 6334512
38664
4557
16
11
7
5
104011
5498
58
47
34
29
489212
523319
527860
527865
527869
527871
423865
522378
527818
527829
527842
527847
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

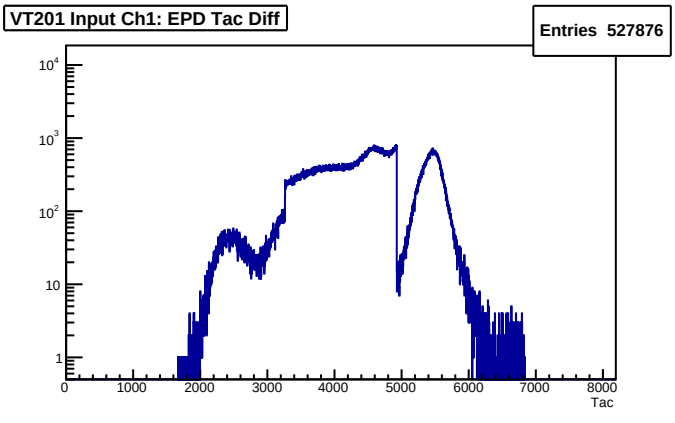

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

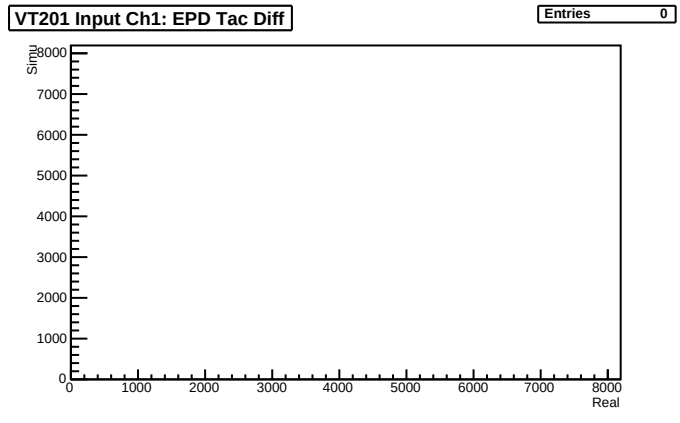

VT201 Input Ch0: BBC Small Tac Diff
Entries 527876
Tac

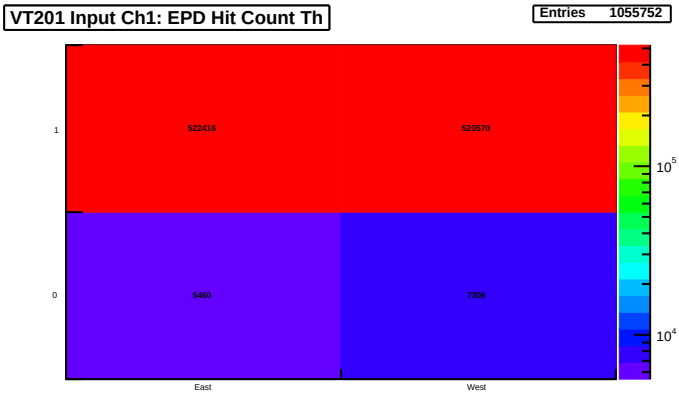

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

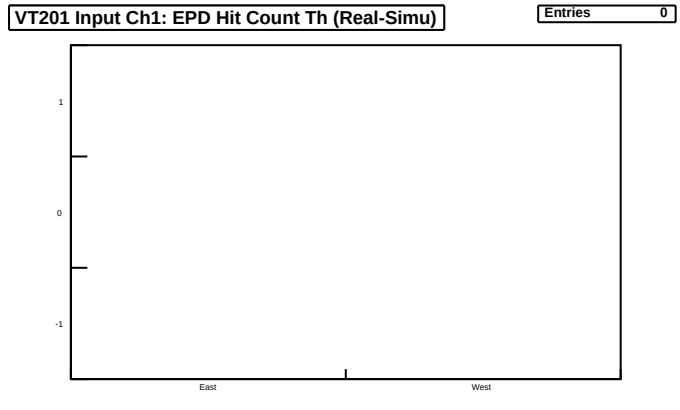

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1055752
336675
447965
191201
79911
East
West

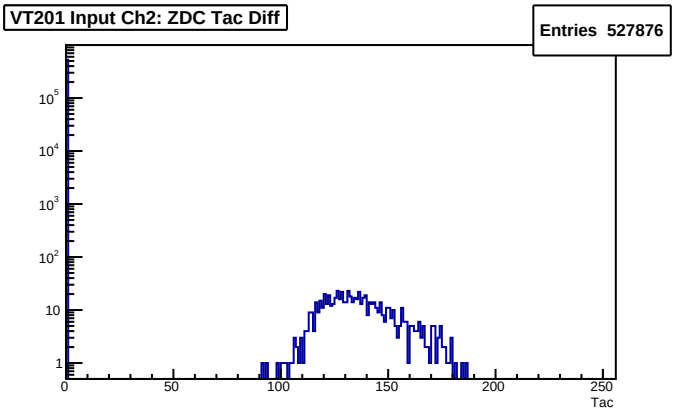

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

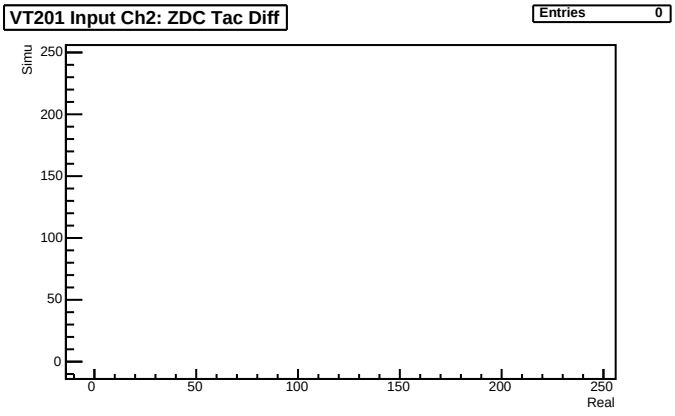

VT201 Input Ch1: EPD Tac Diff
Entries 527876
Tac

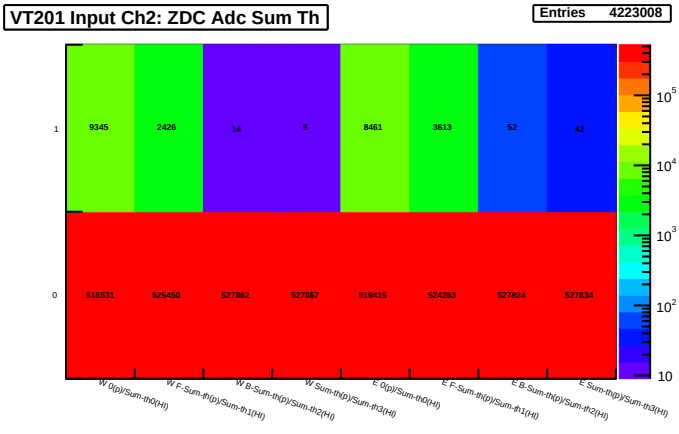

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

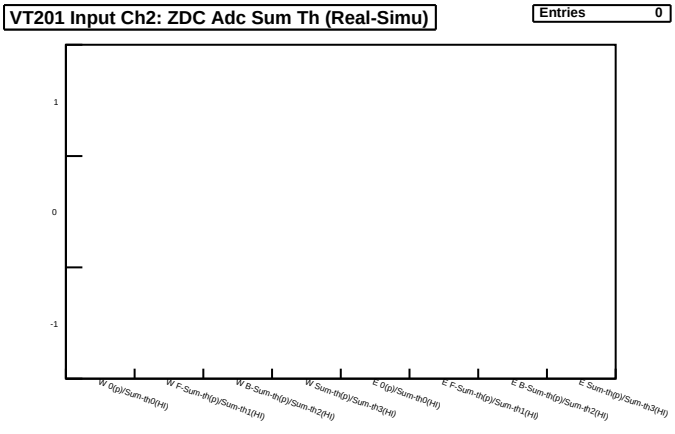

VT201 Input Ch1: EPD Hit Count Th
Entries 1055752
522416
520570
5460
7306
East
West

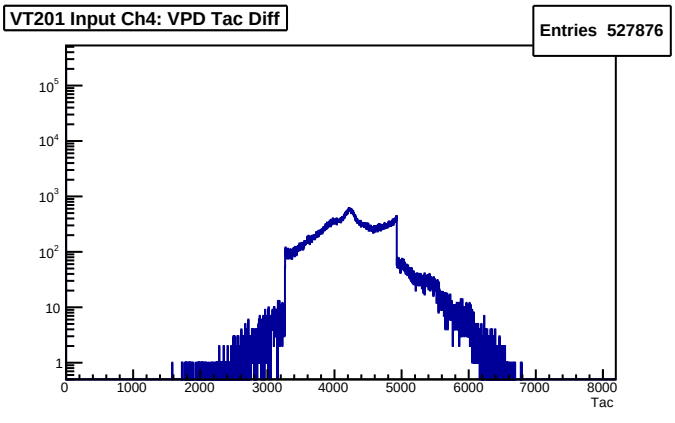

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

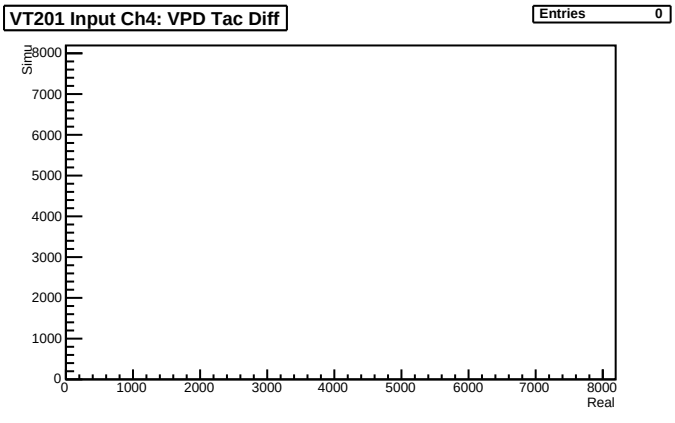

VT201 Input Ch2: ZDC Tac Diff
Entries 527876
Tac

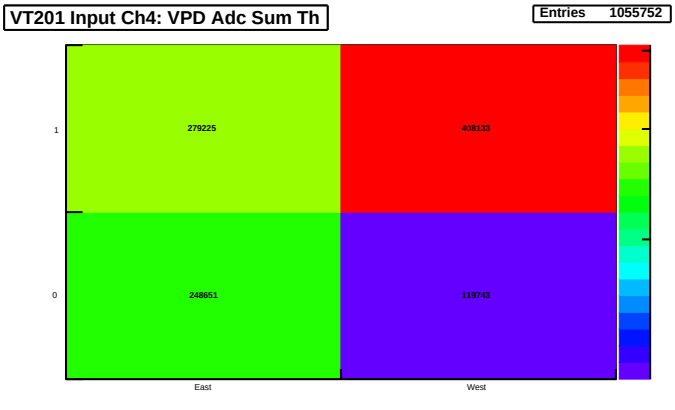

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

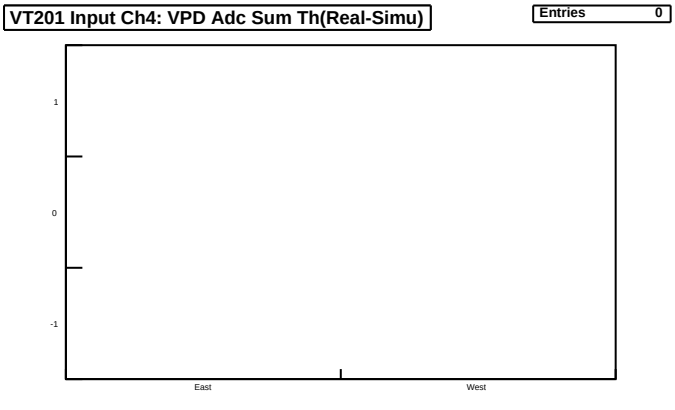

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4223008
9345
2426
14
9
8461
3613
52
42
518531
525450
527862
527867
519415
524263
527824
527834
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

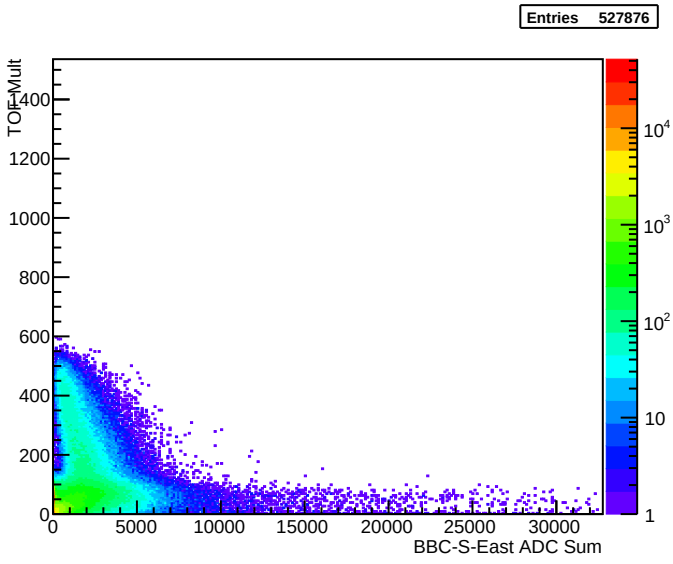

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

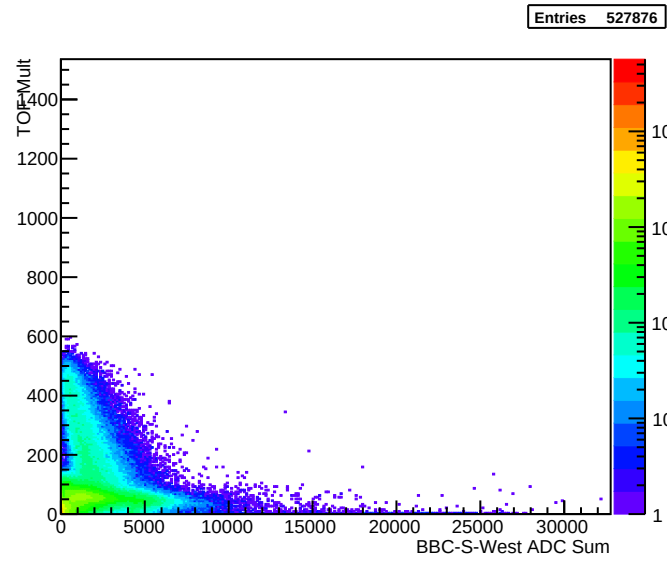

VT201 Input Ch4: VPD Tac Diff
Entries 527876
Tac

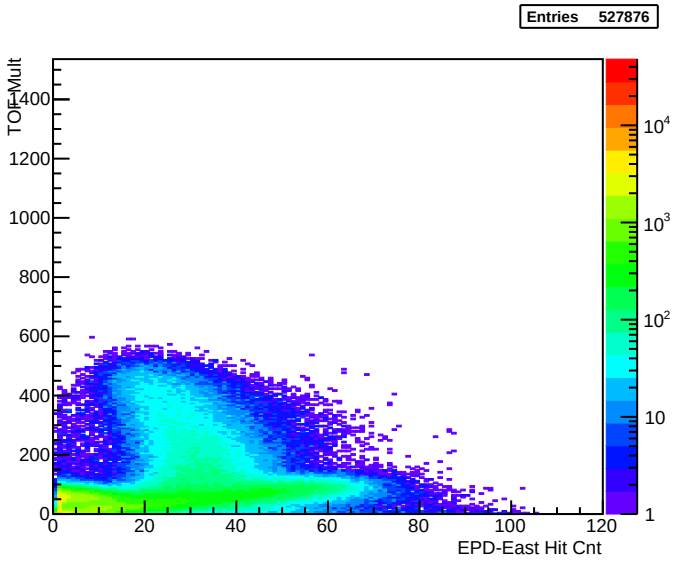

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

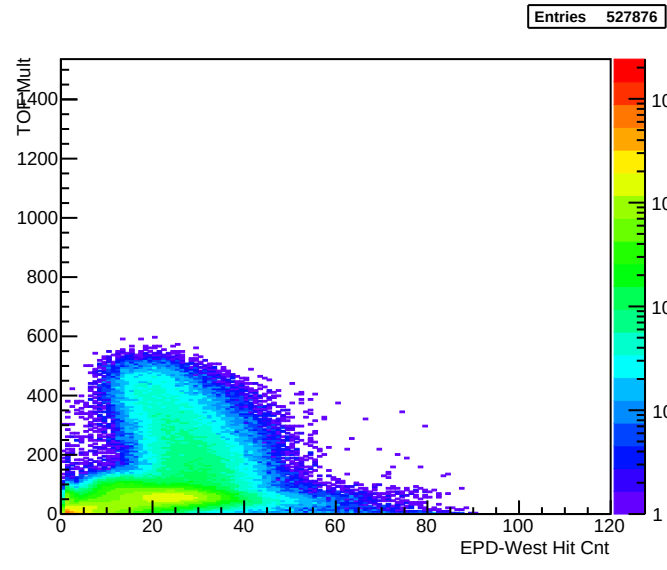

VT201 Input Ch4: VPD Adc Sum Th
Entries 1055752
279225
408133
248651
119743
East
West

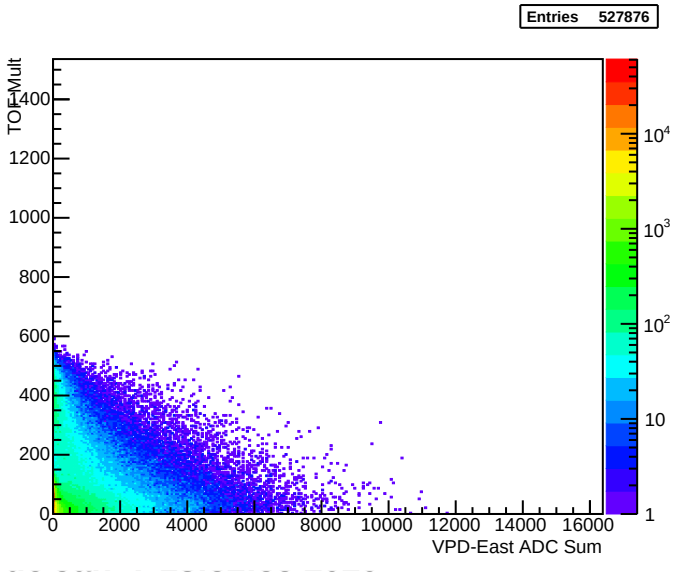

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

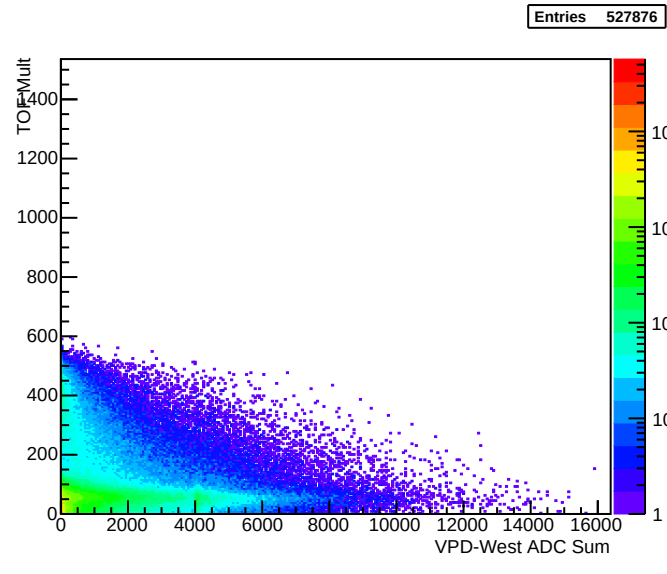

Entries 527876
TOF-Mult
BBC-S-East ADC Sum

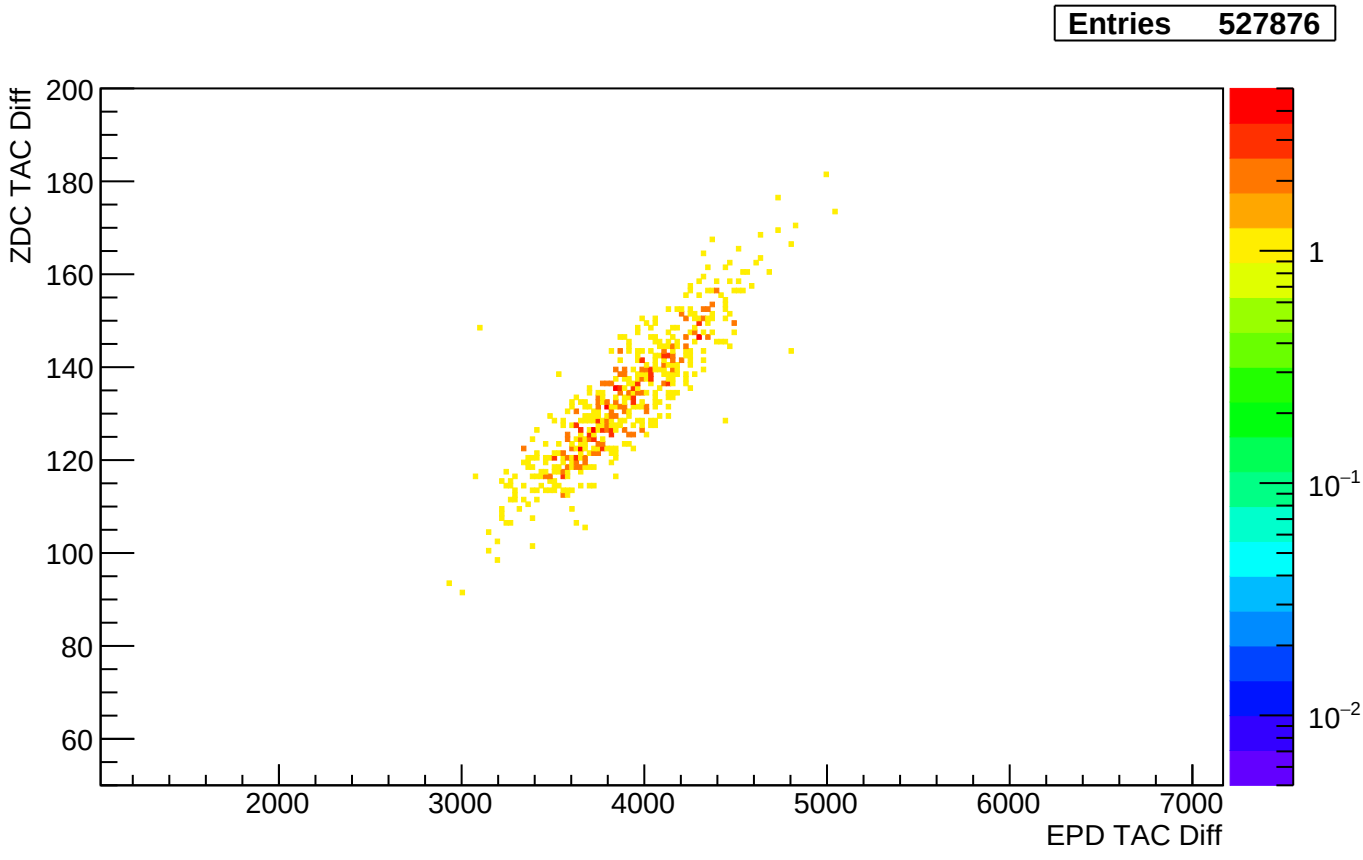

Entries 527876
TOF-Mult
BBC-S-West ADC Sum

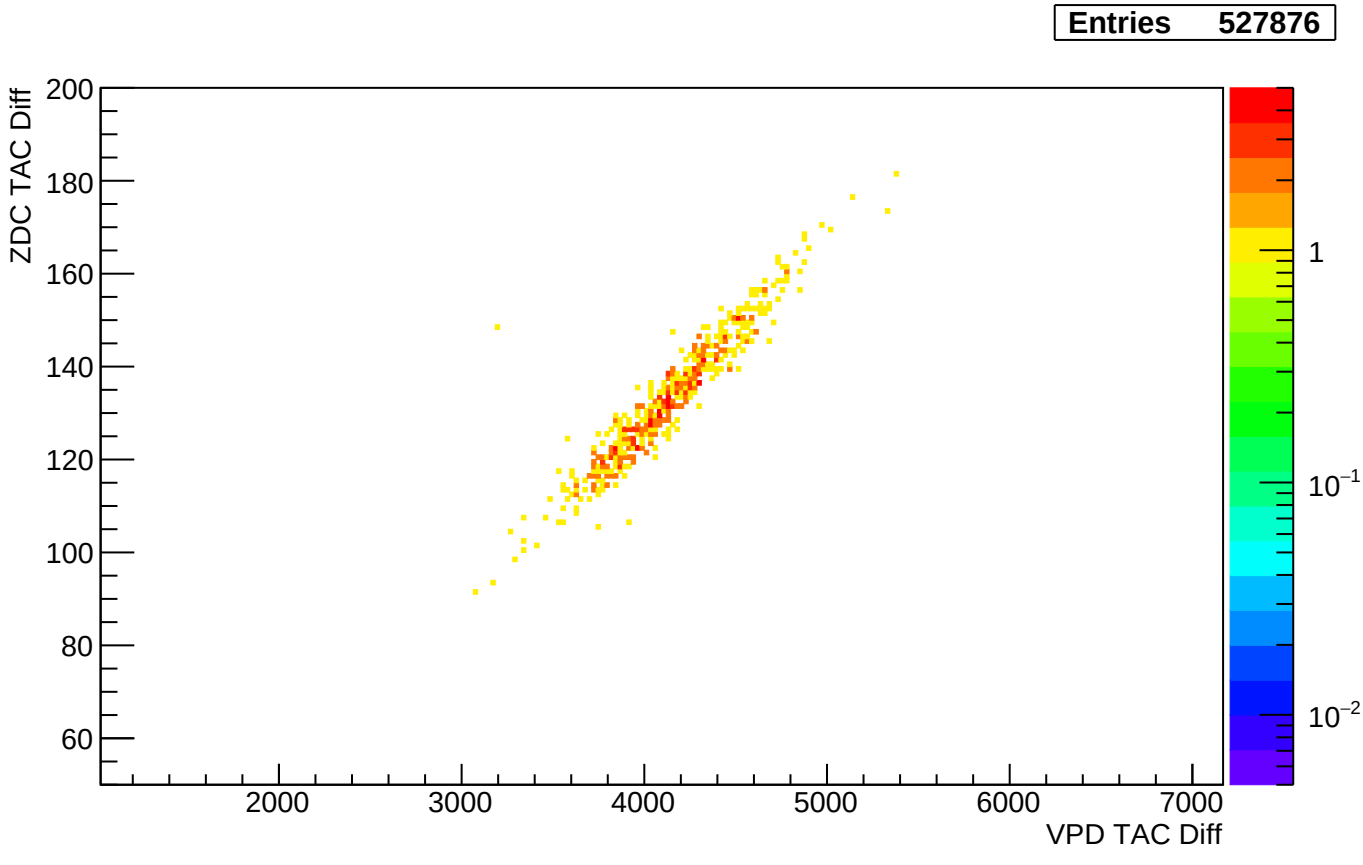

Entries 527876
TOF-Mult
EPD-East Hit Cnt

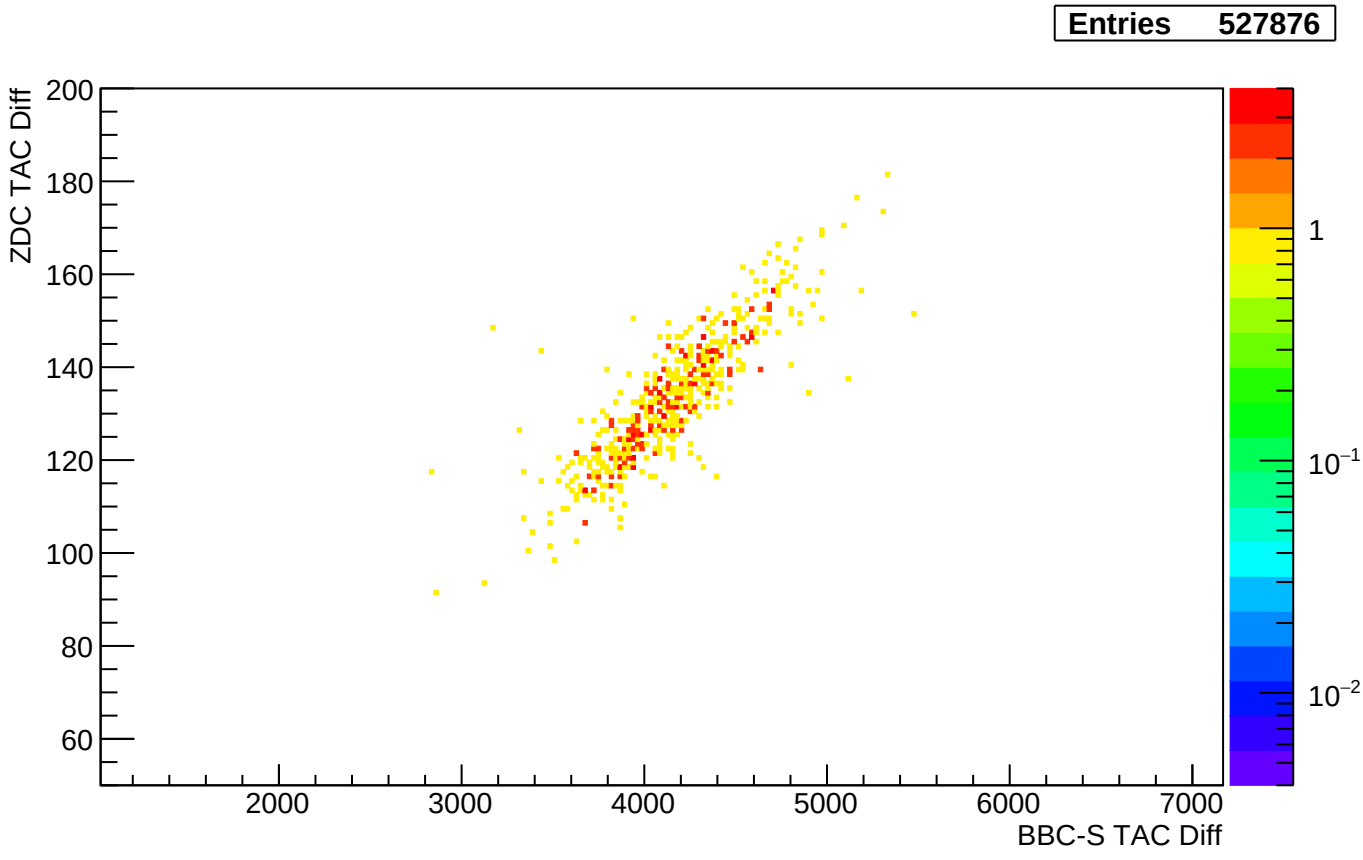

Entries 527876
TOF-Mult
EPD-West Hit Cnt

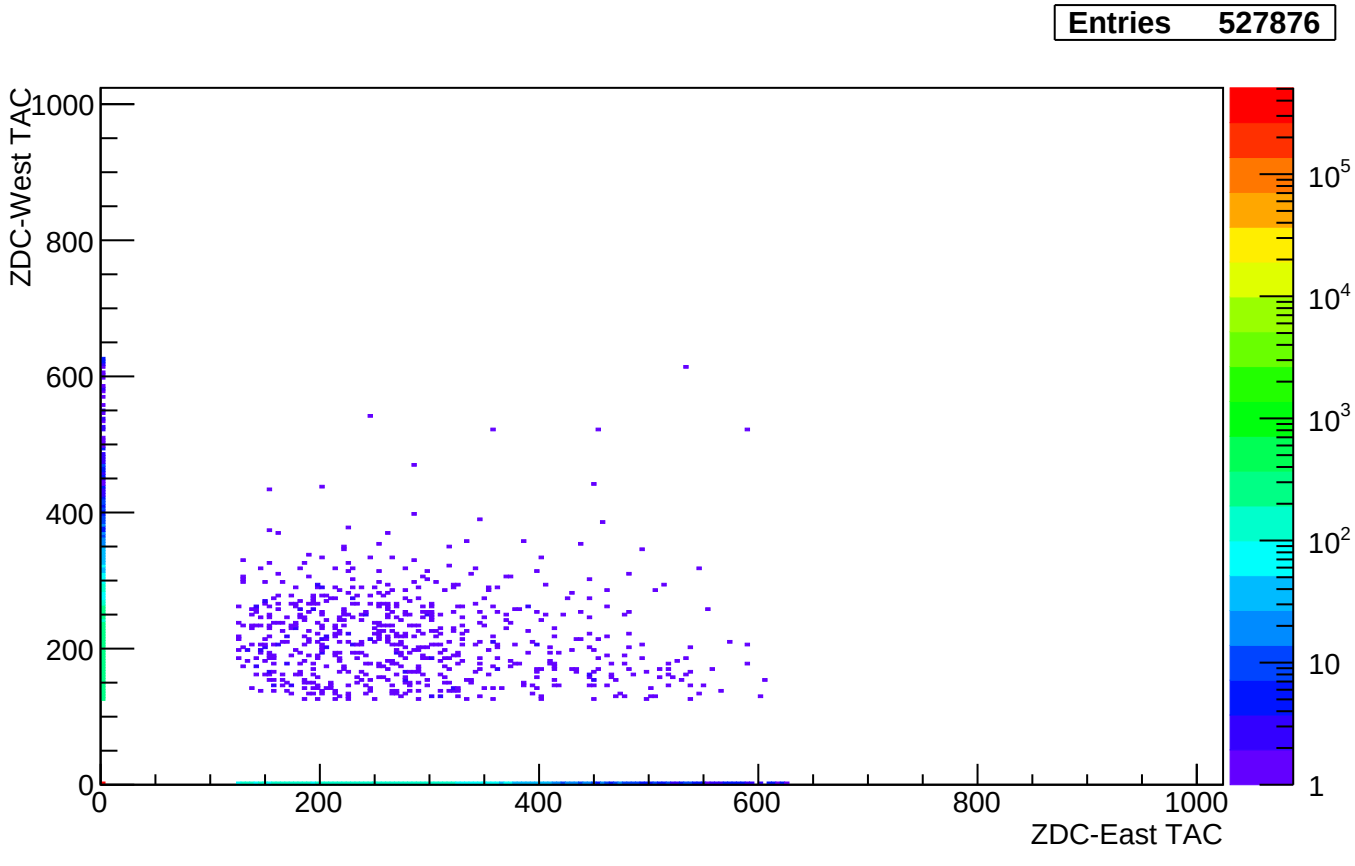

Entries 527876
TOF-Mult
VPD-East ADC Sum

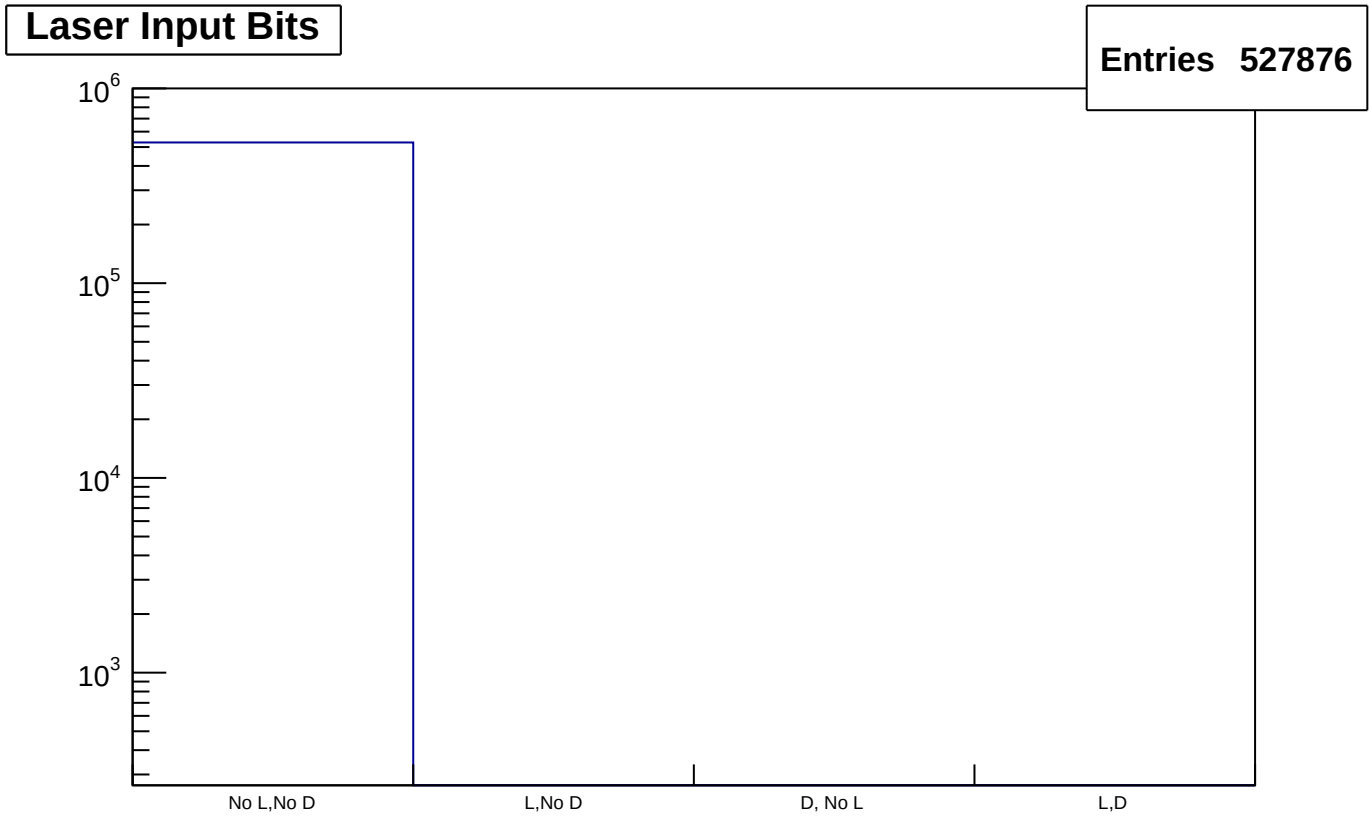

Entries 527876
TOF-Mult
VPD-West ADC Sum

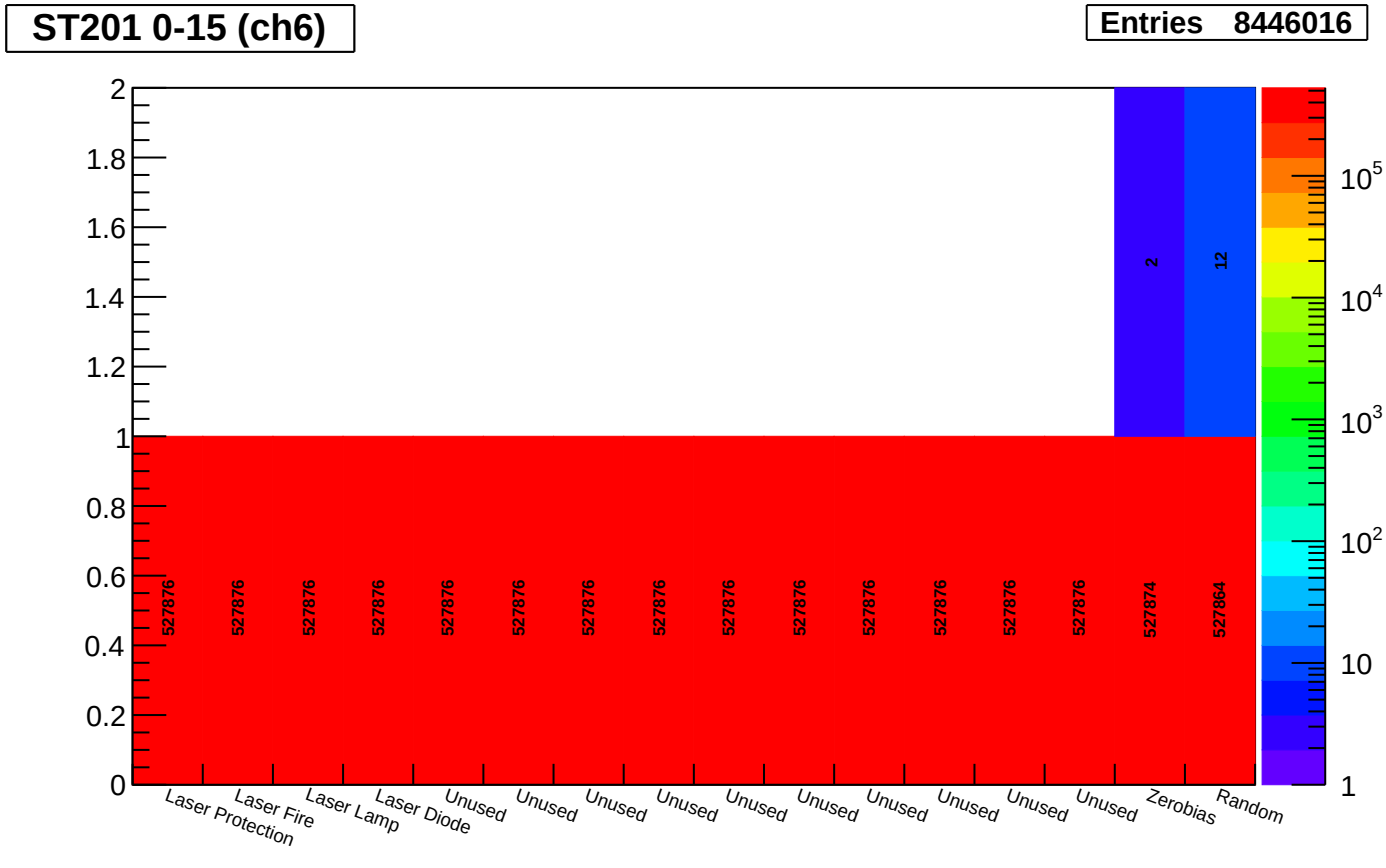

Entries 527876
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

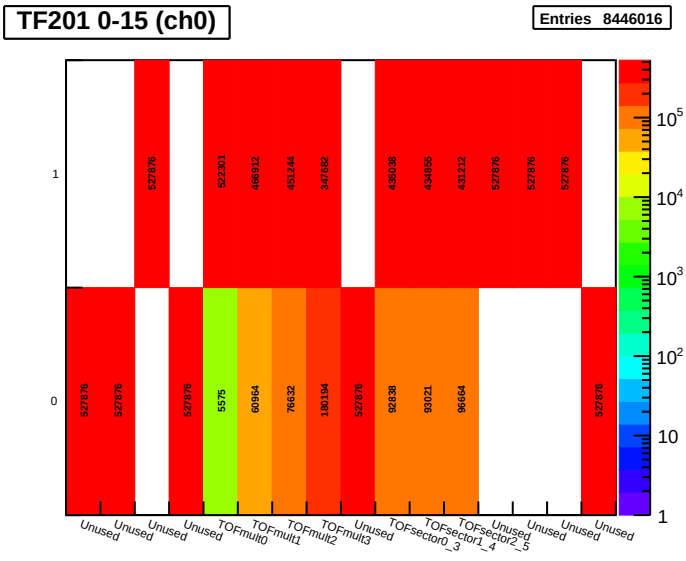

Entries 527876
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

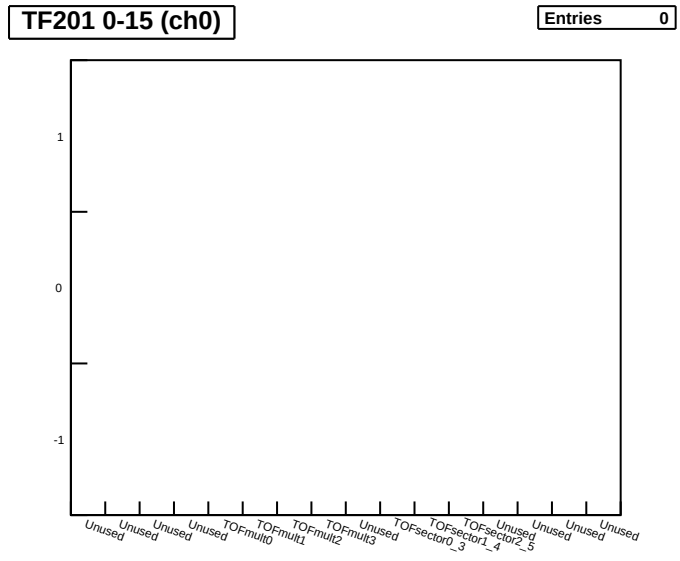

Entries 527876
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

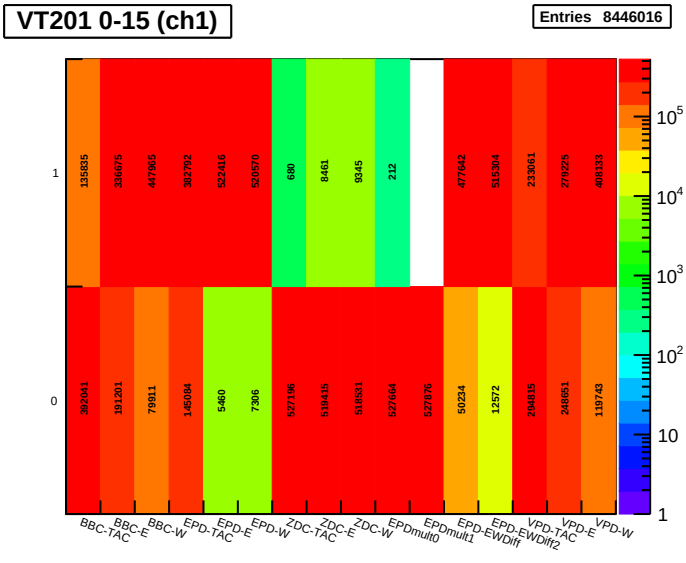

Entries 527876
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

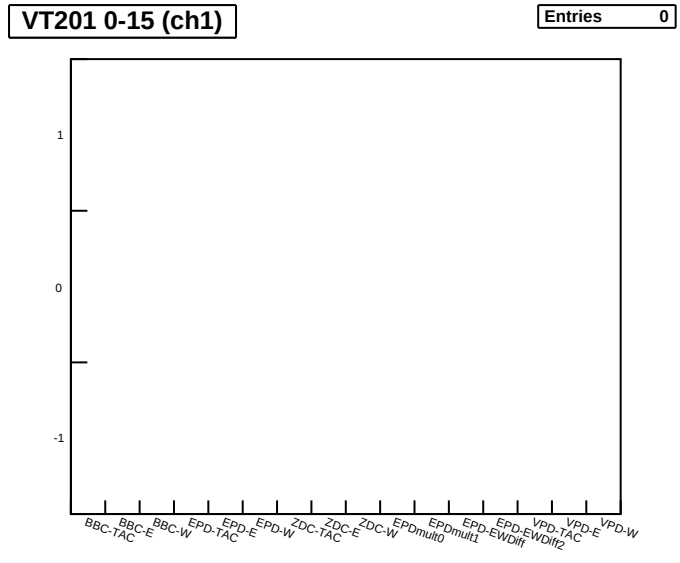

Laser Input Bits
Entries 527876
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

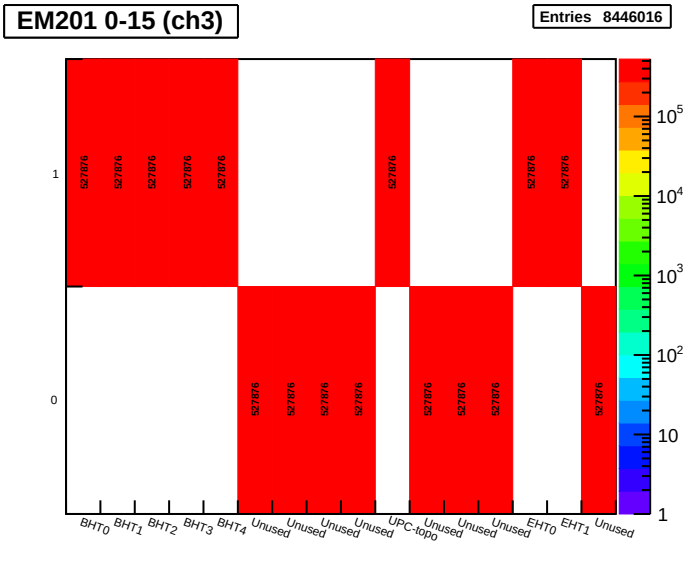

ST201 0-15 (ch6)
Entries 8446016
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527874
527864
2
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

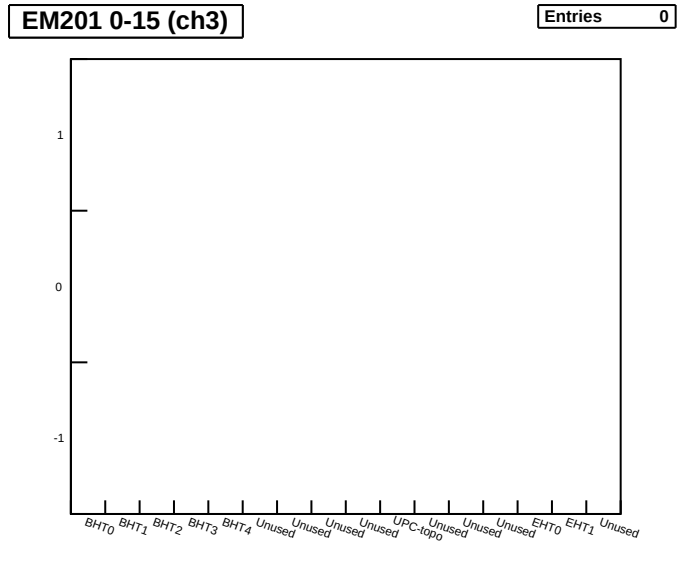

TF201 0-15 (ch0)
Entries 8446016
1
0
527876
522301
466912
451244
347682
435038
434855
431212
527876
527876
527876
527876
527876
527876
5575
60964
76632
180194
527876
92838
93021
96664
527876
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 8446016
1
0
135835
336675
447965
382792
522416
520570
680
8461
9345
212
477642
515304
233061
279225
408133
392041
191201
79911
145084
5460
7306
527196
519415
518531
527664
527876
50234
12572
294815
248651
119743
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 8446016
1
0
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
527876
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