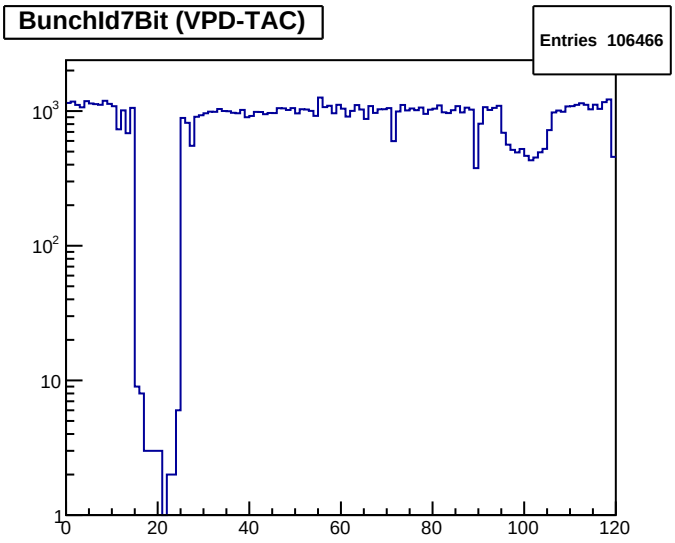
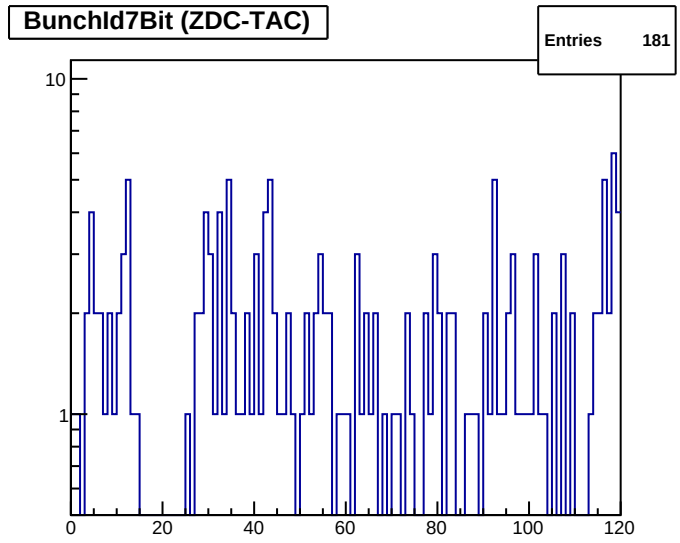
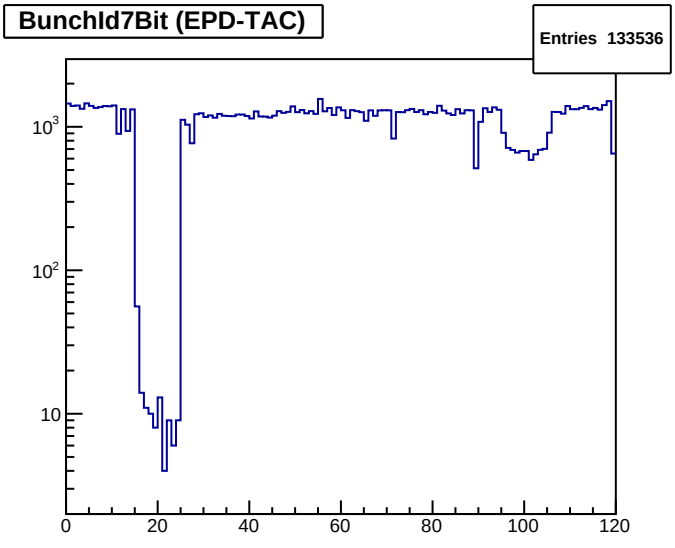
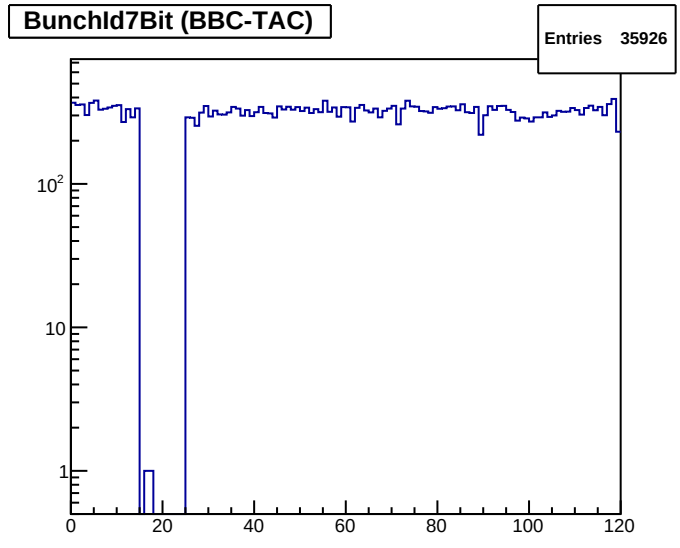
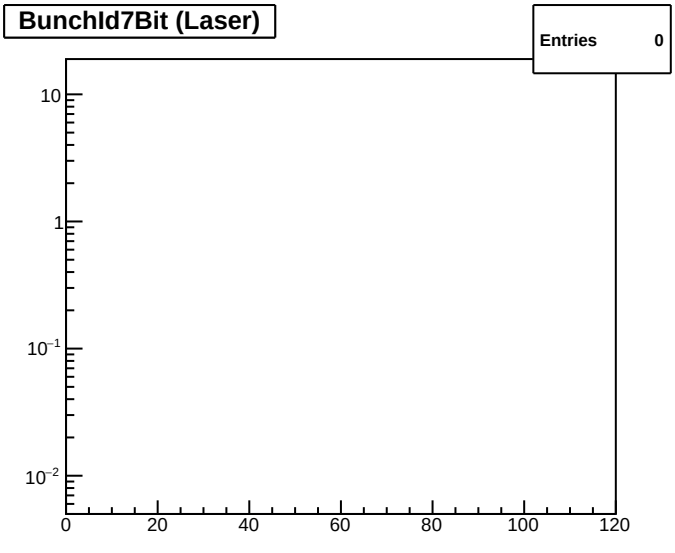
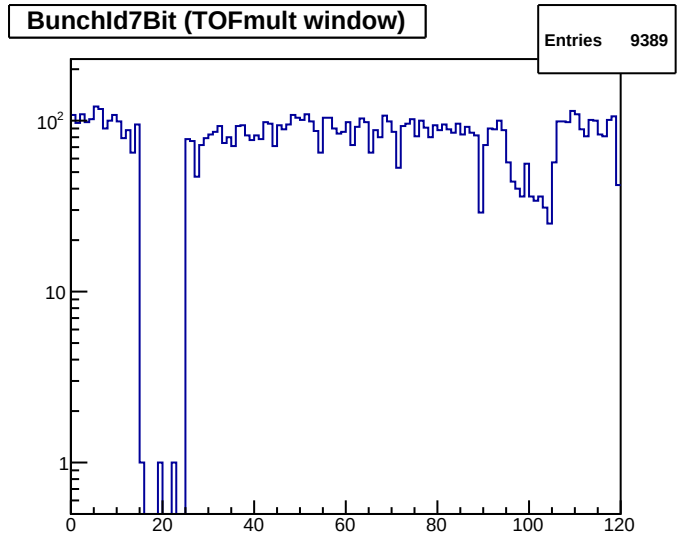

BunchId7Bit (VPD-TAC)
Entries 106466

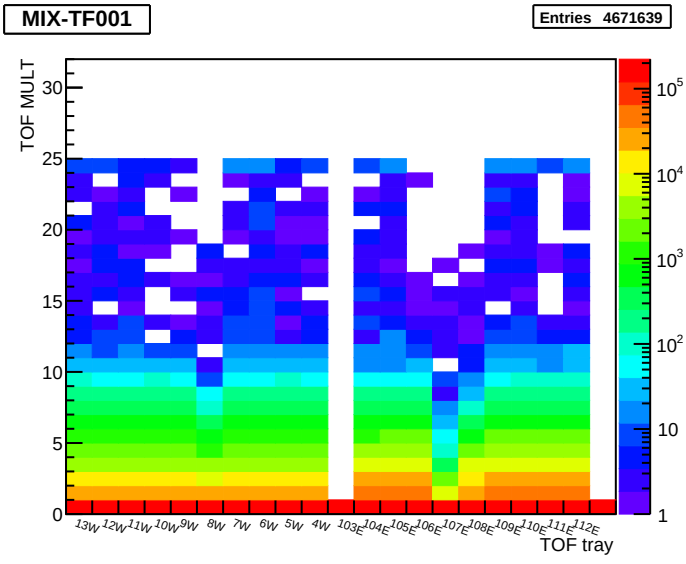

BunchId7Bit (ZDC-TAC)
Entries 181

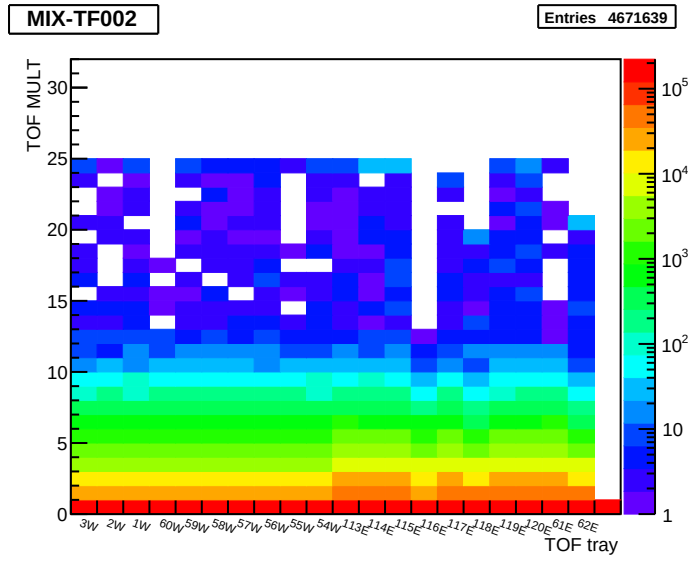

BunchId7Bit (EPD-TAC)
Entries 133536

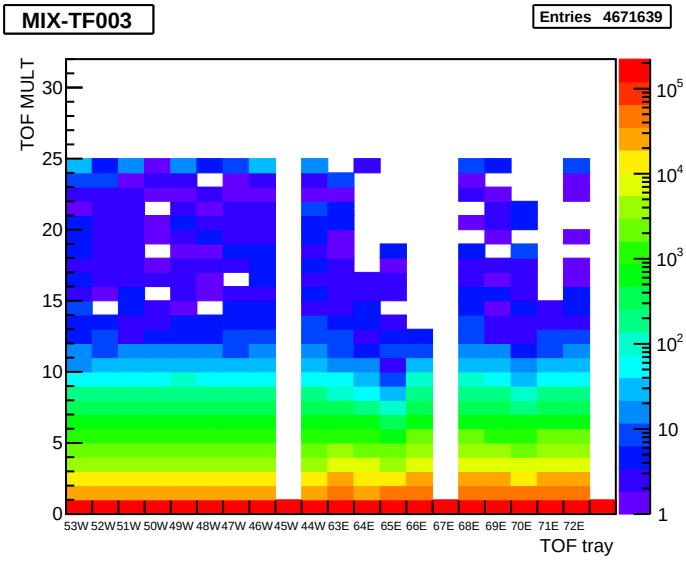

BunchId7Bit (BBC-TAC)
Entries 35926

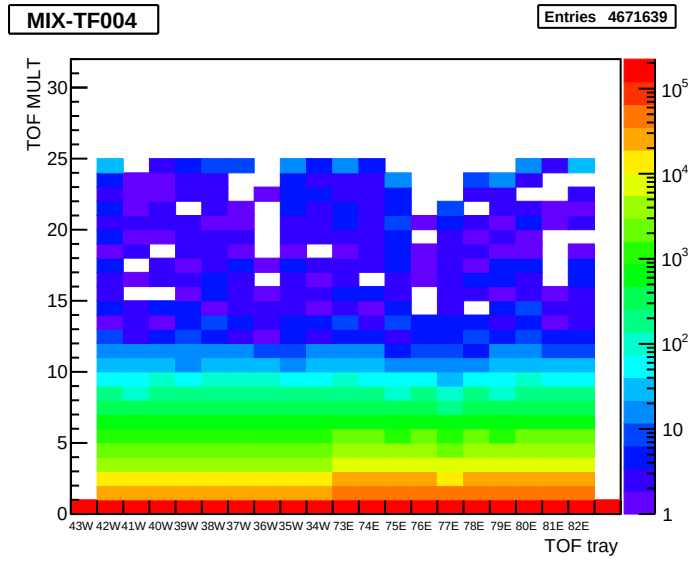

BunchId7Bit (Laser)
Entries 0

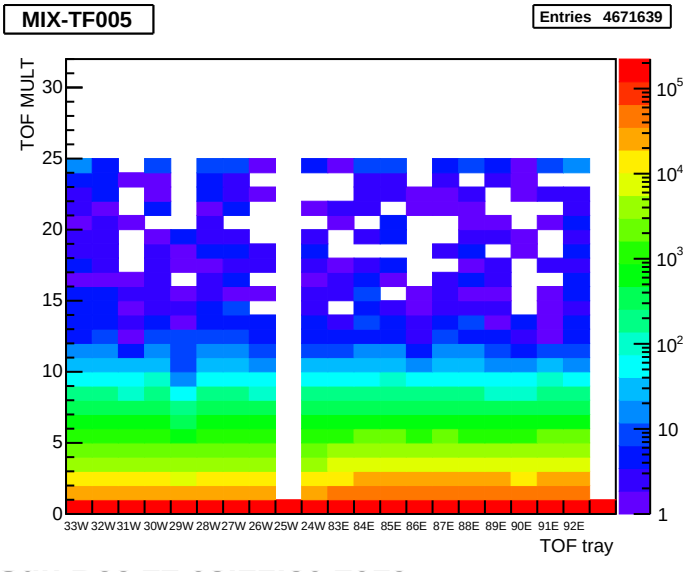

BunchId7Bit (TOFmult window)
Entries 9389

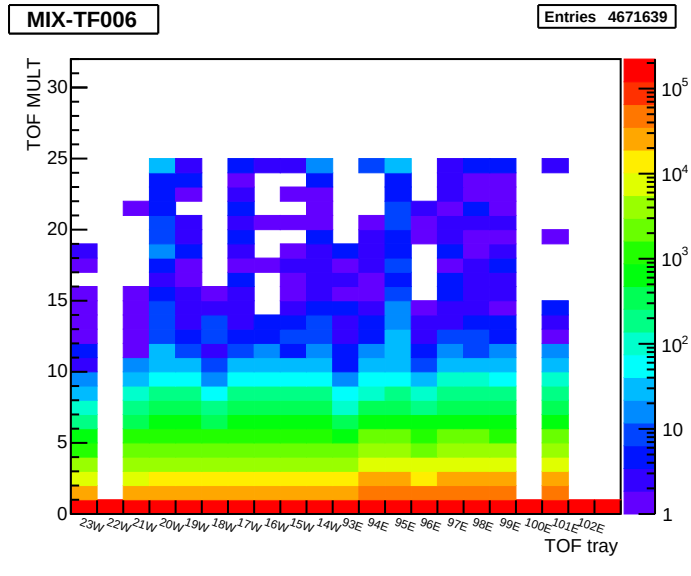

MIX-TF001
Entries 4671639
TOF MULT
TOF tray

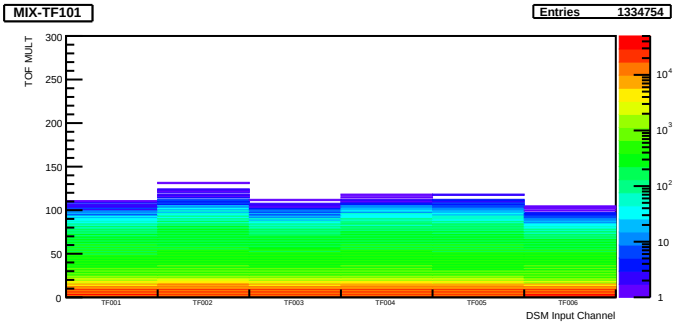

MIX-TF002
Entries 4671639
TOF MULT
TOF tray

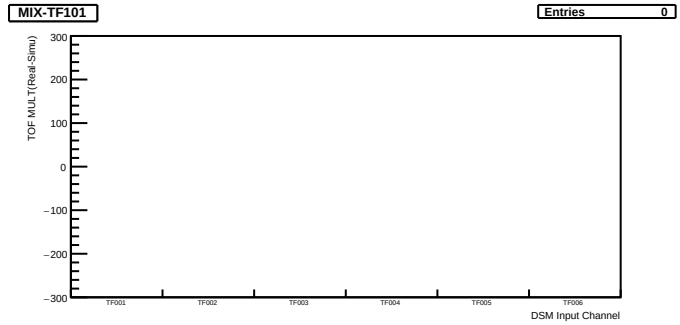

MIX-TF003
Entries 4671639
TOF MULT
TOF tray

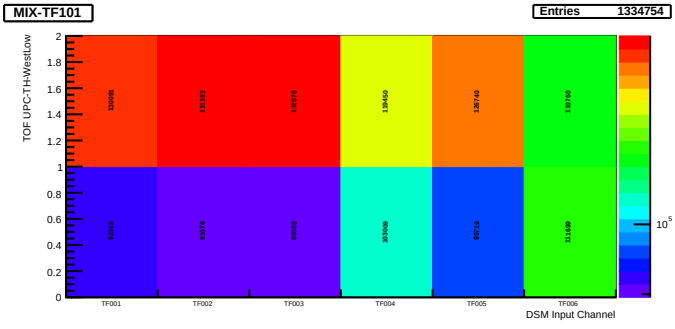

MIX-TF004
Entries 4671639
TOF MULT
TOF tray

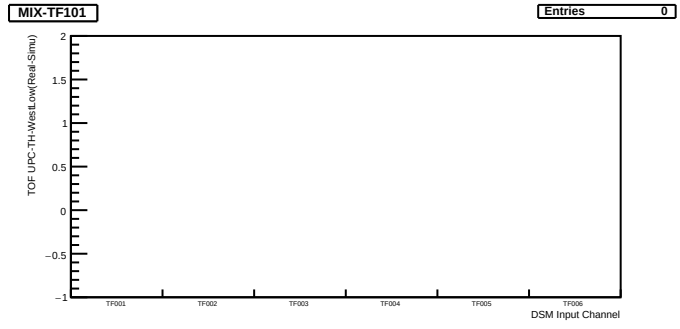

MIX-TF005
Entries 4671639
TOF MULT
TOF tray

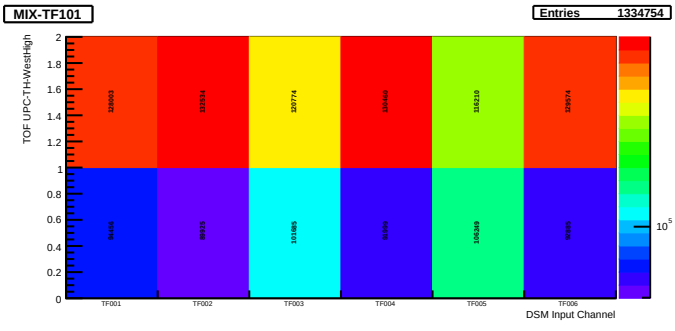

MIX-TF006
Entries 4671639
TOF MULT
TOF tray

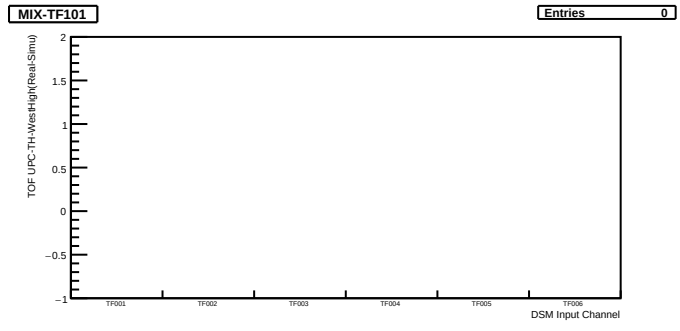

MIX-TF101
Entries 1334754
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

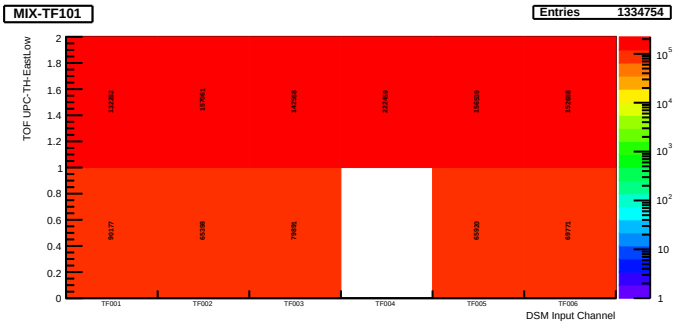

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

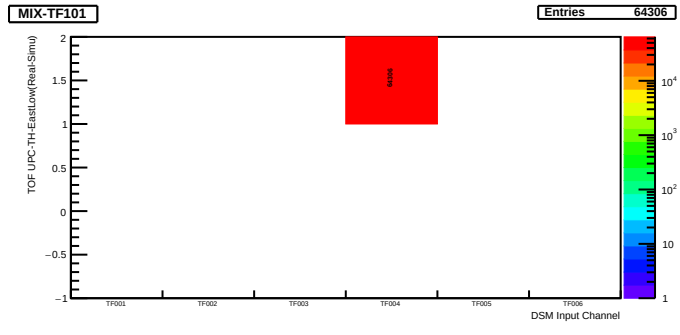

MIX-TF101
Entries 1334754
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

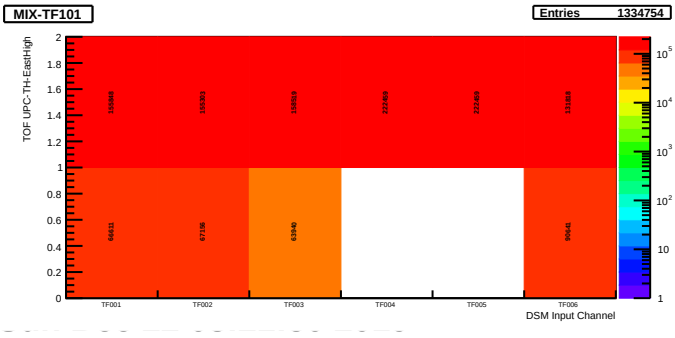

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

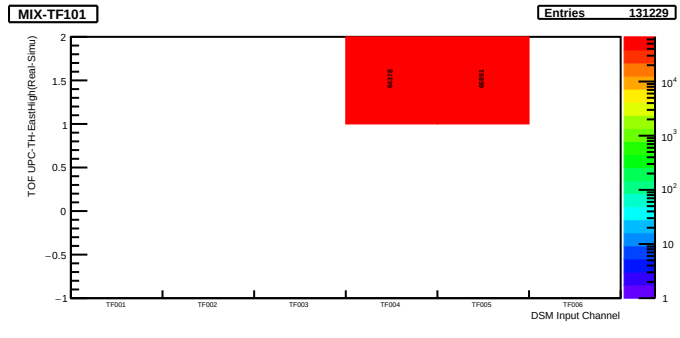

MIX-TF101
Entries 1334754
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

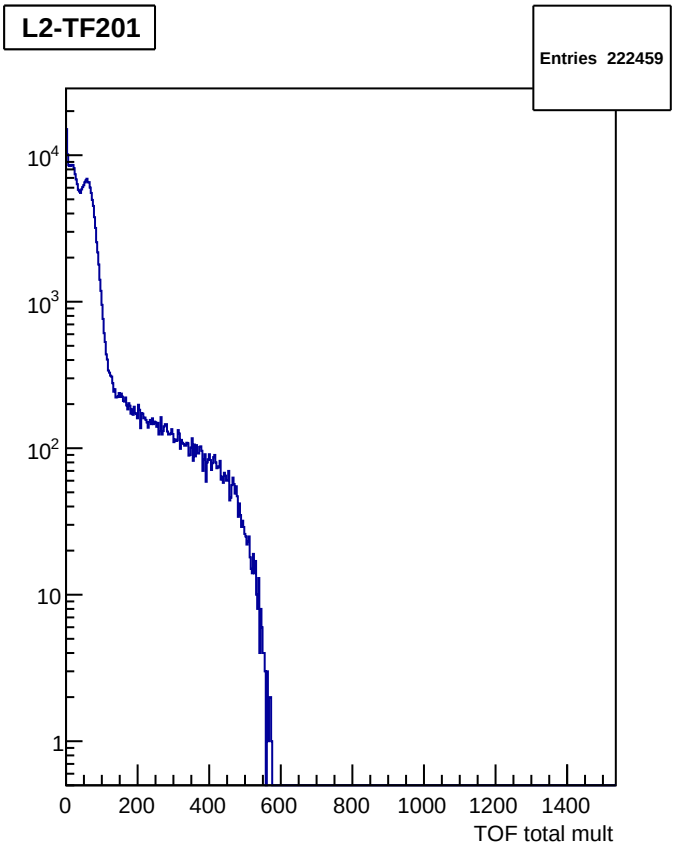

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

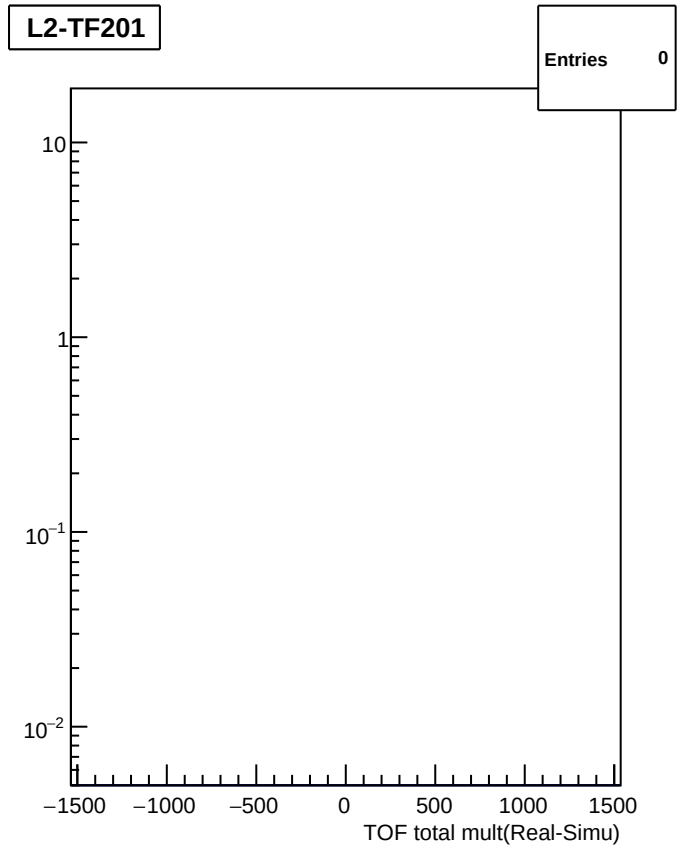

MIX-TF101
Entries 1334754
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

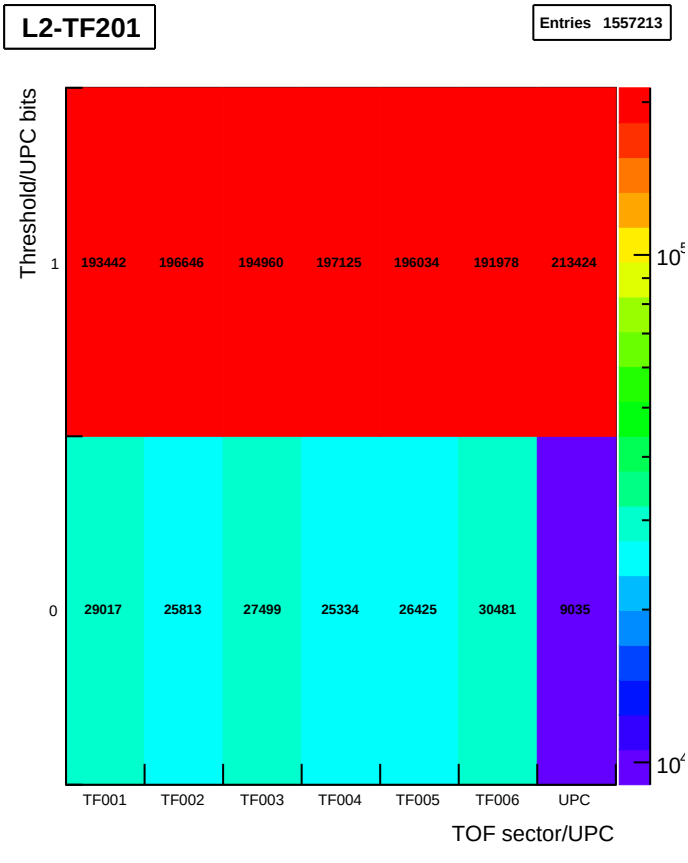

MIX-TF101
Entries 64306
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

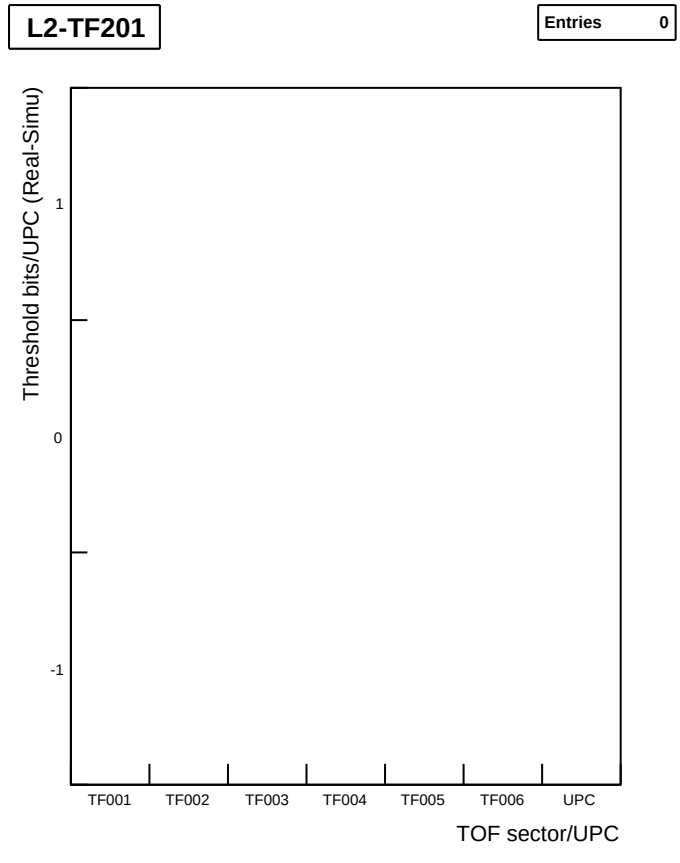

MIX-TF101
Entries 1334754
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

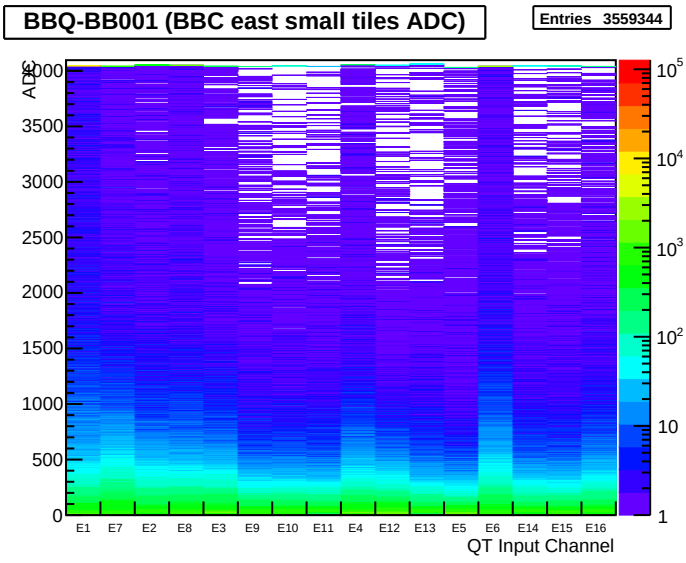

MIX-TF101
Entries 131229
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

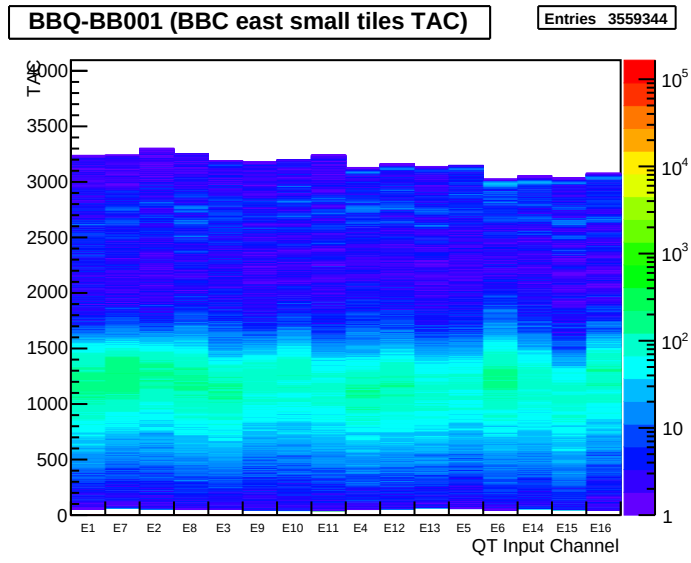

L2-TF201
Entries 222459
TOF total mult

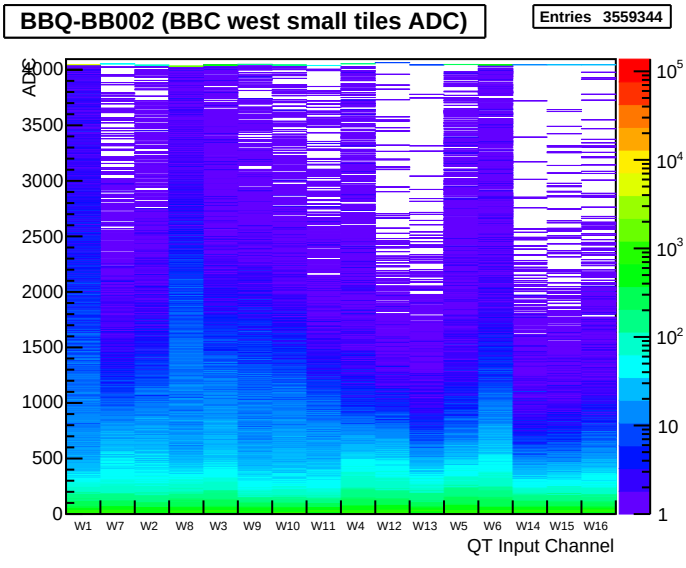

L2-TF201
Entries 0
TOF total mult(Real-Simu)

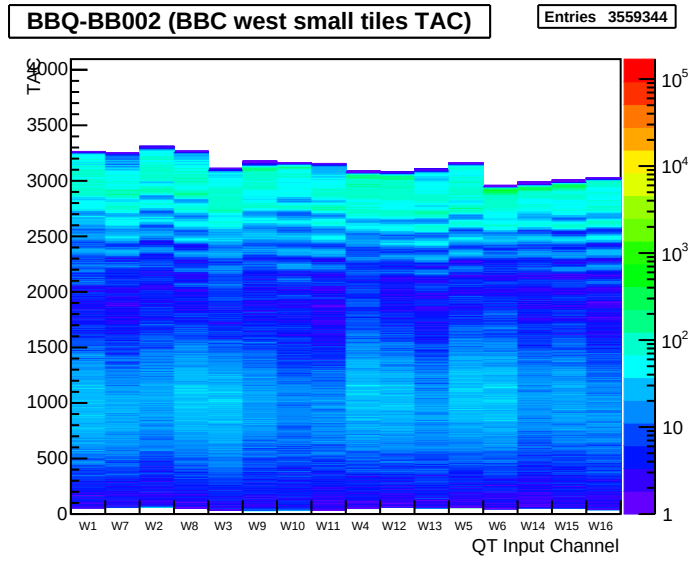

L2-TF201
Entries 1557213
Threshold/UPC bits
193442
196646
194960
197125
196034
191978
213424
29017
25813
27499
25334
26425
30481
9035
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

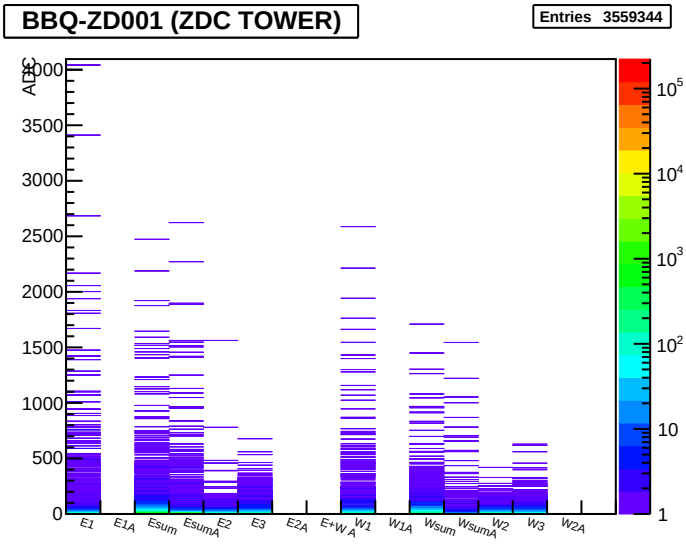

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

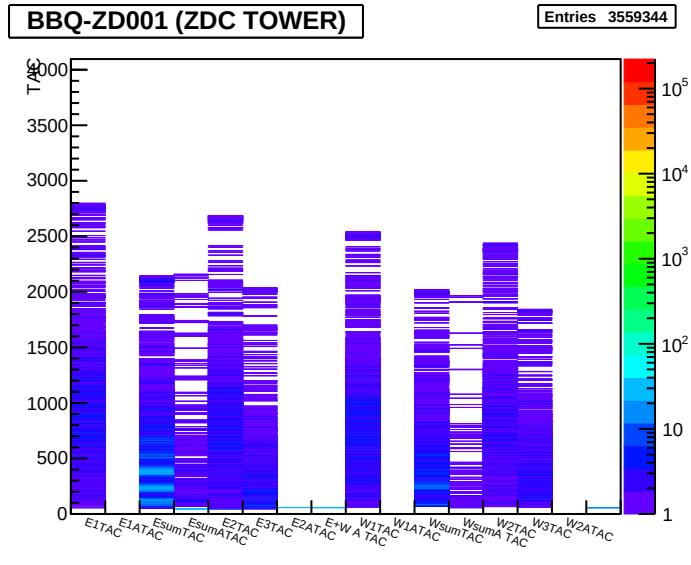

BBQ-BB001 (BBC east small tiles ADC)
Entries 3559344
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

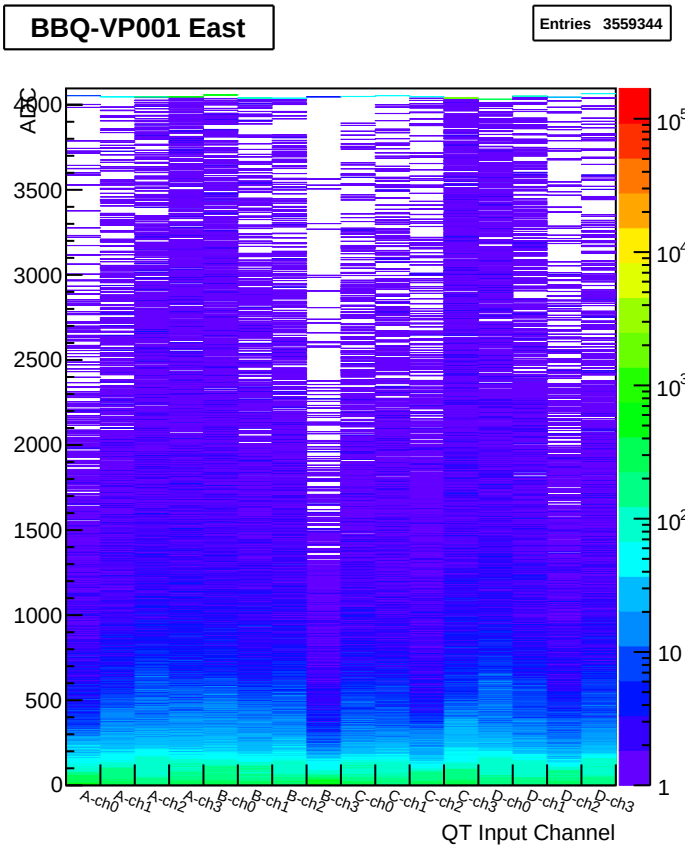

BBQ-BB001 (BBC east small tiles TAC)
Entries 3559344
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

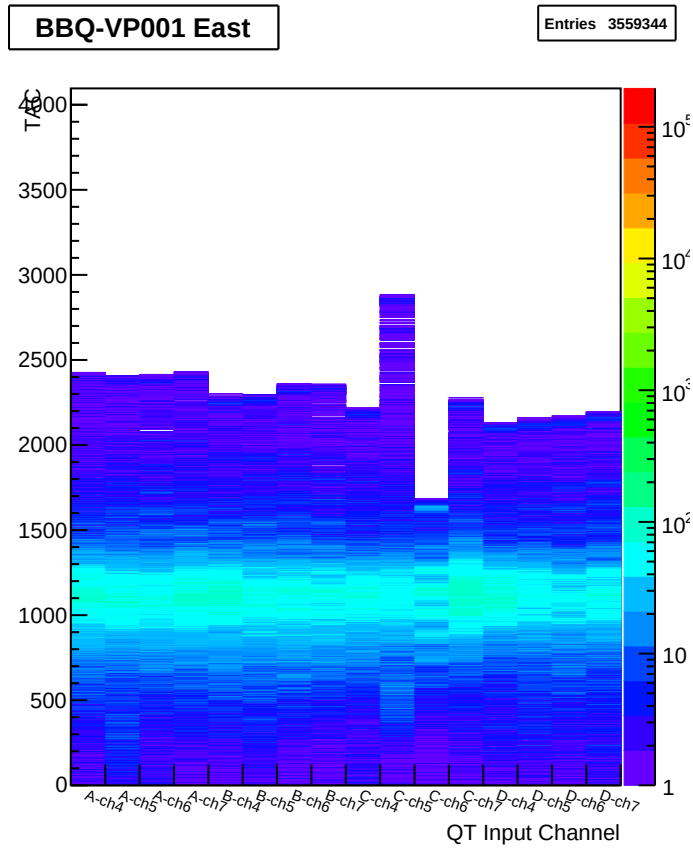

BBQ-BB002 (BBC west small tiles ADC)
Entries 3559344
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

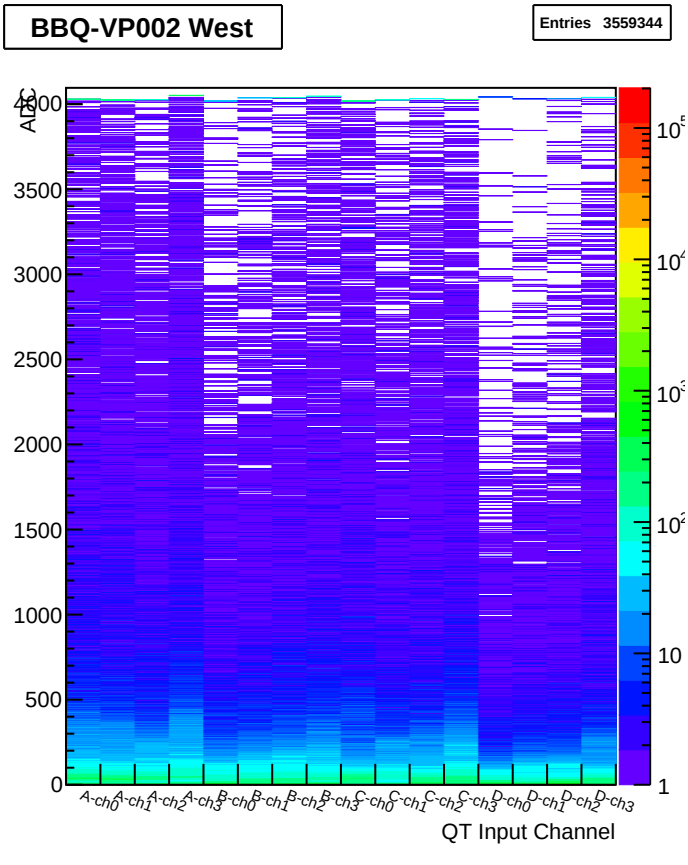

BBQ-BB002 (BBC west small tiles TAC)
Entries 3559344
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

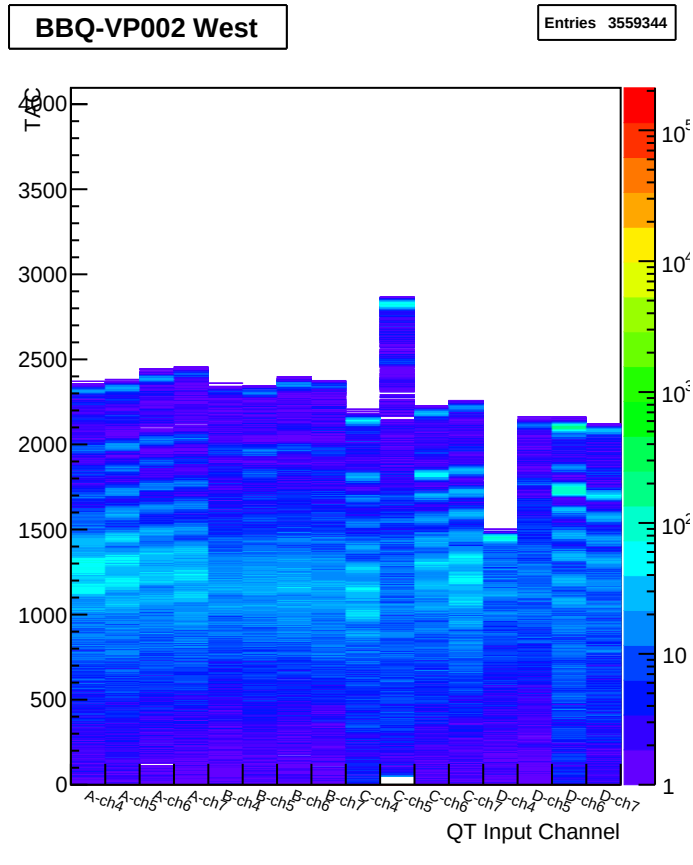

BBQ-ZD001 (ZDC TOWER)
Entries 3559344
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

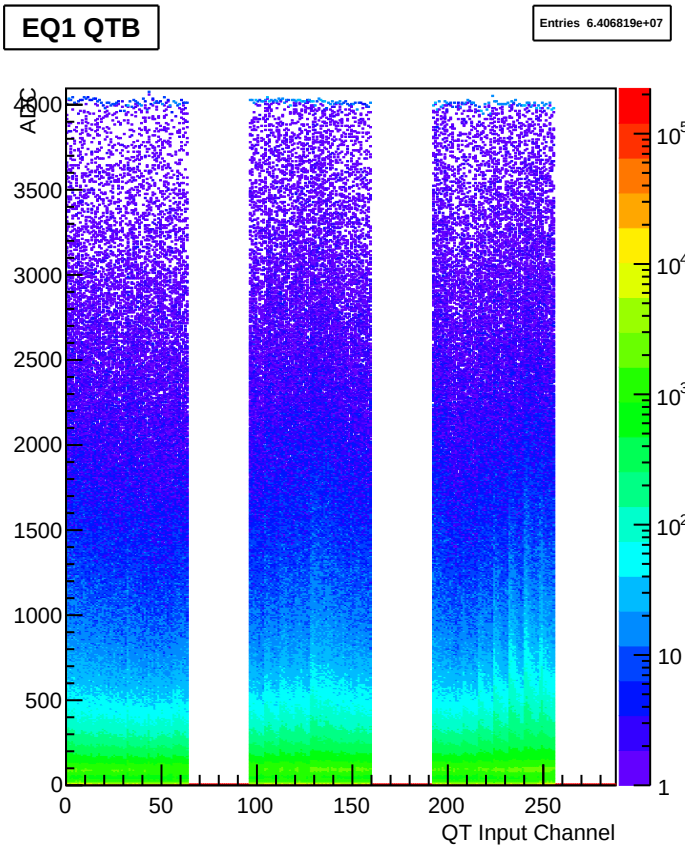

BBQ-ZD001 (ZDC TOWER)
Entries 3559344
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

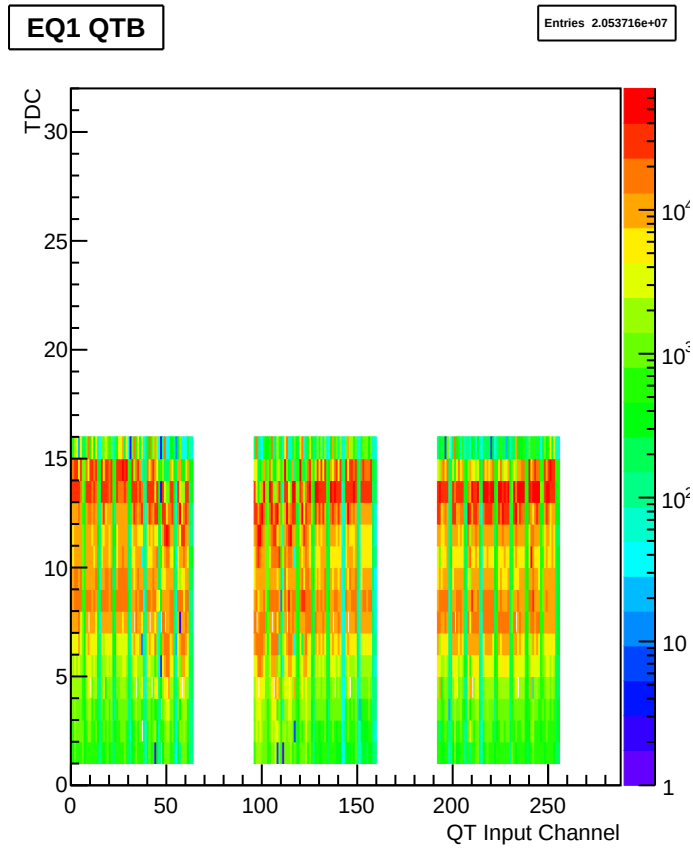

BBQ-VP001 East
Entries 3559344
ADC
QT Input Channel

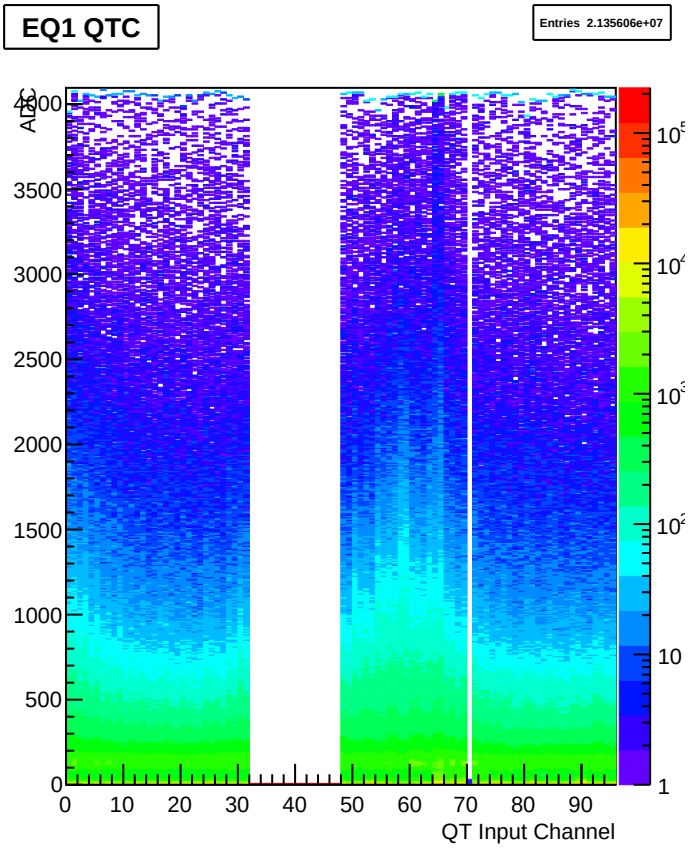

BBQ-VP001 East
Entries 3559344
TADC
QT Input Channel

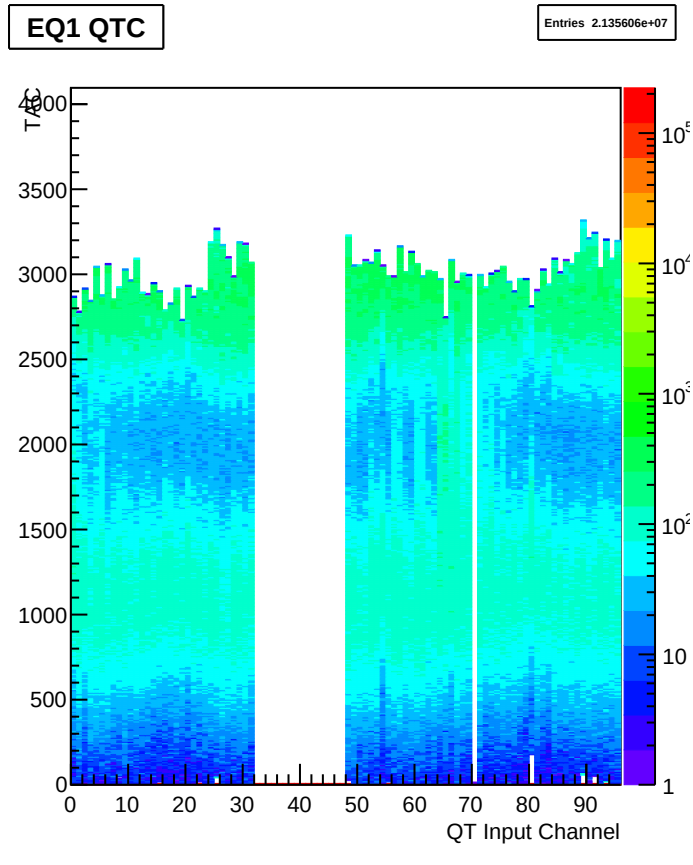

BBQ-VP002 West
Entries 3559344
ADC
QT Input Channel

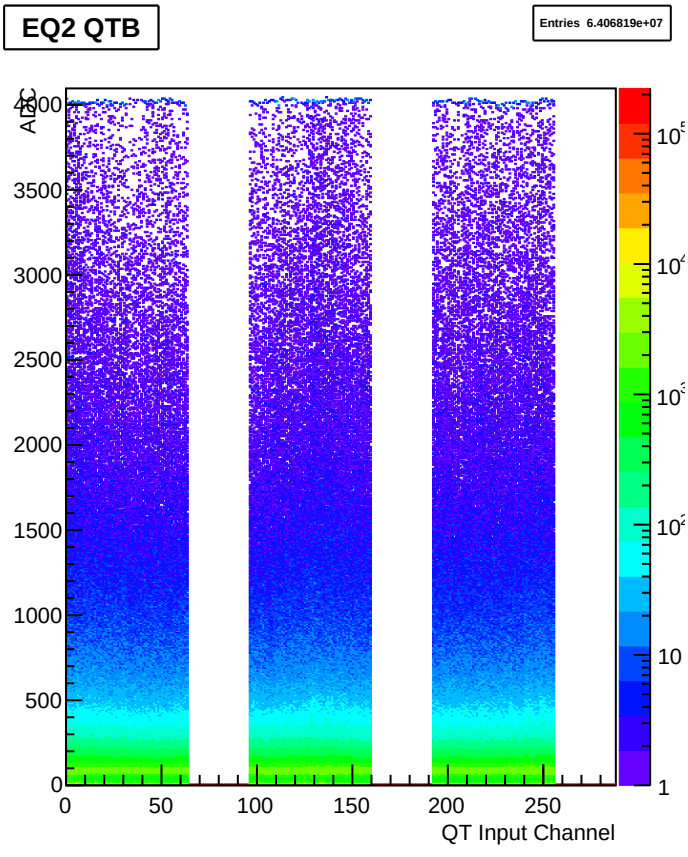

BBQ-VP002 West
Entries 3559344
TADC
QT Input Channel

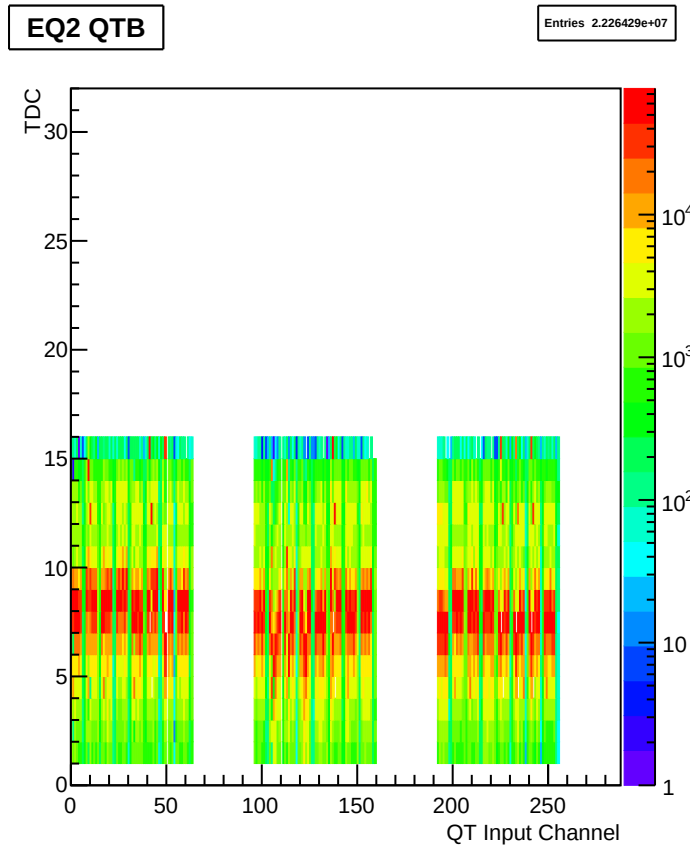

EQ1 QTB
Entries 6.406819e+07
ADC
QT Input Channel

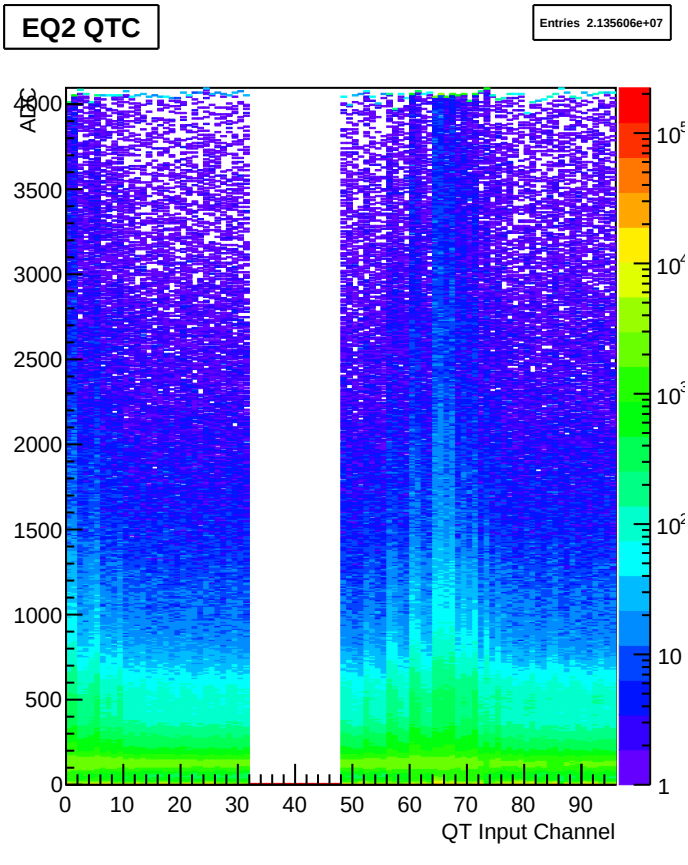

EQ1 QTB
Entries 2.053716e+07
TDC
QT Input Channel

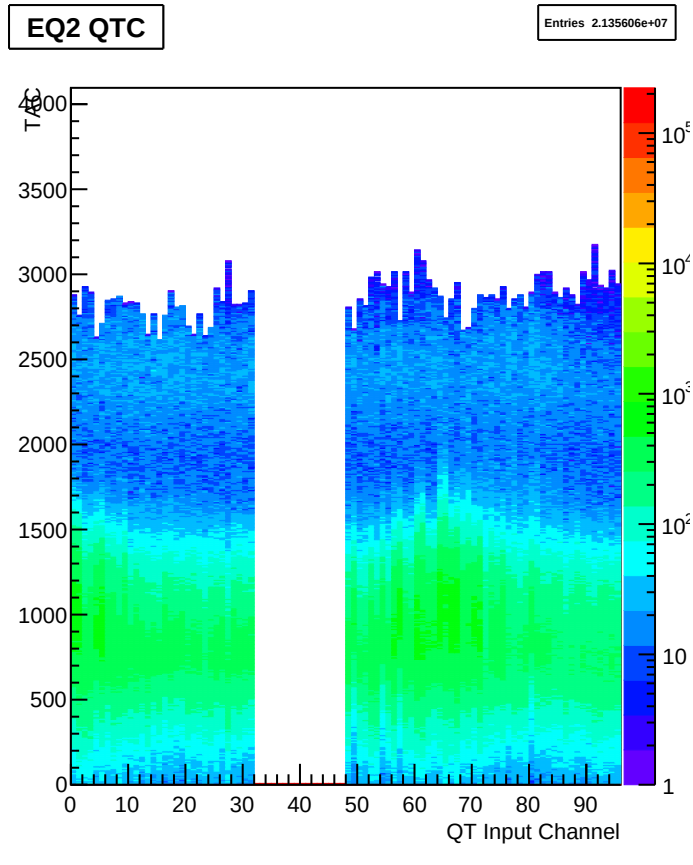

EQ1 QTC
Entries 2.135606e+07
ADC
QT Input Channel

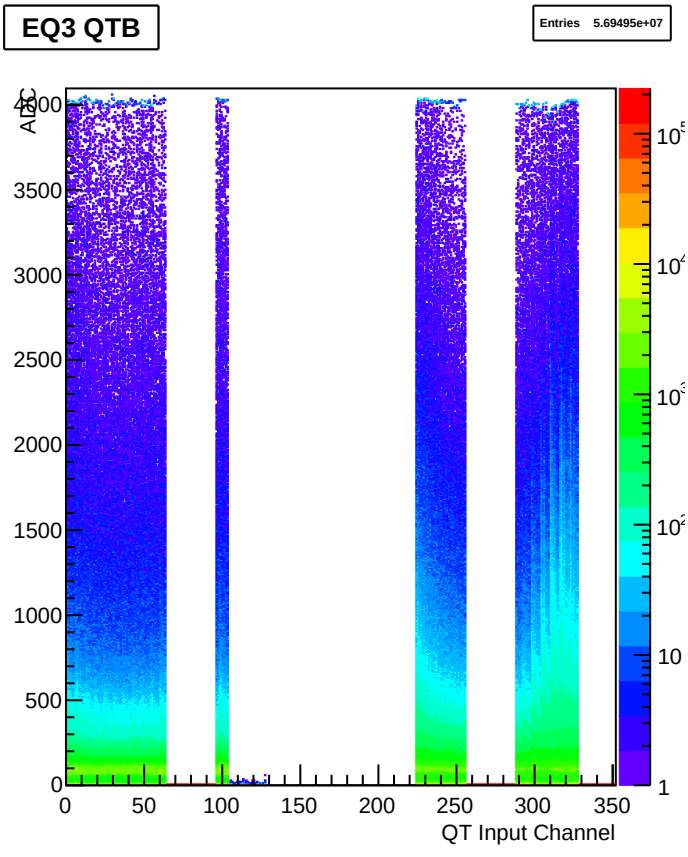

EQ1 QTC
Entries 2.135606e+07
TADC
QT Input Channel

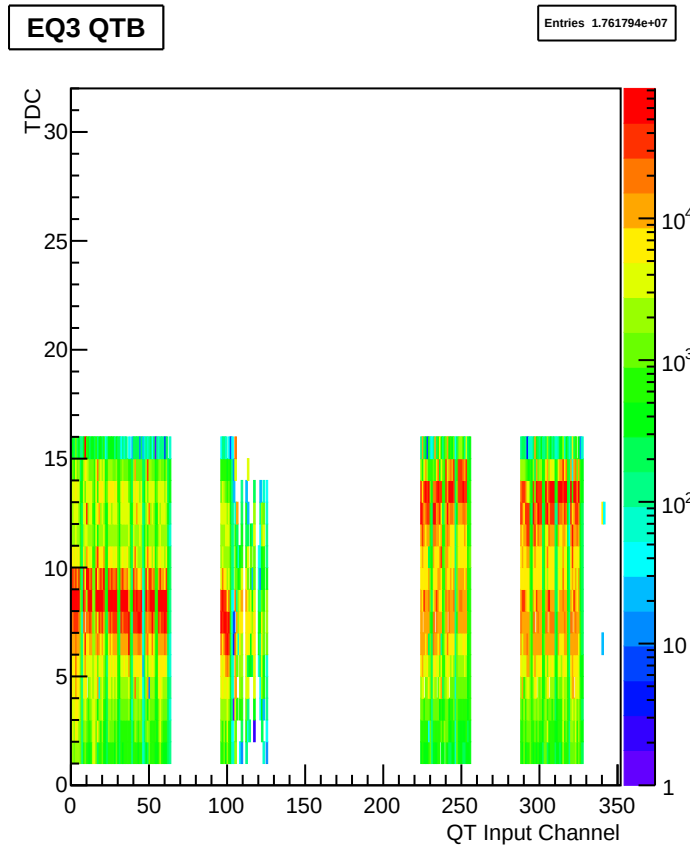

EQ2 QTB
Entries 6.406819e+07
ADC
QT Input Channel

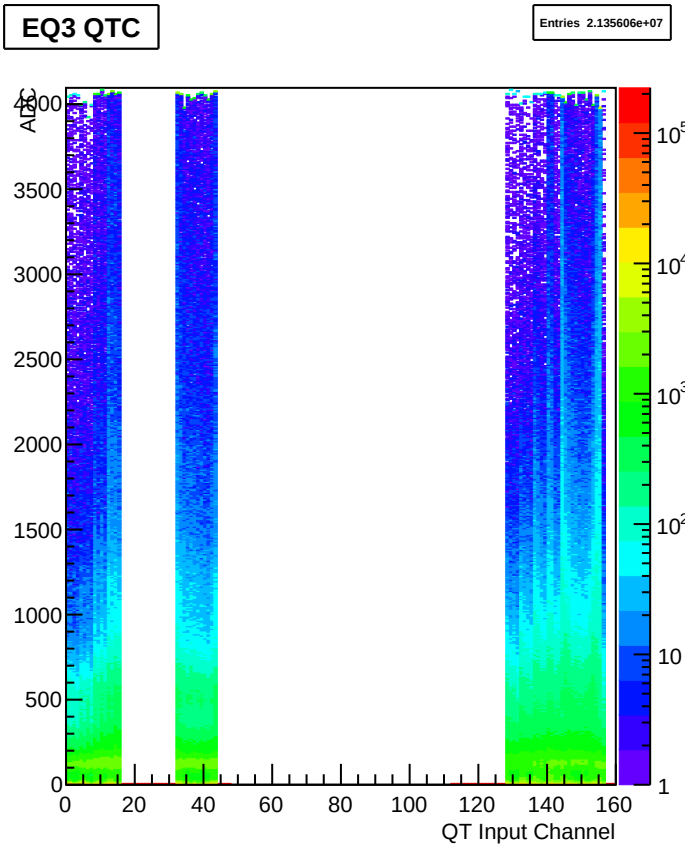

EQ2 QTB
Entries 2.226429e+07
TDC
QT Input Channel

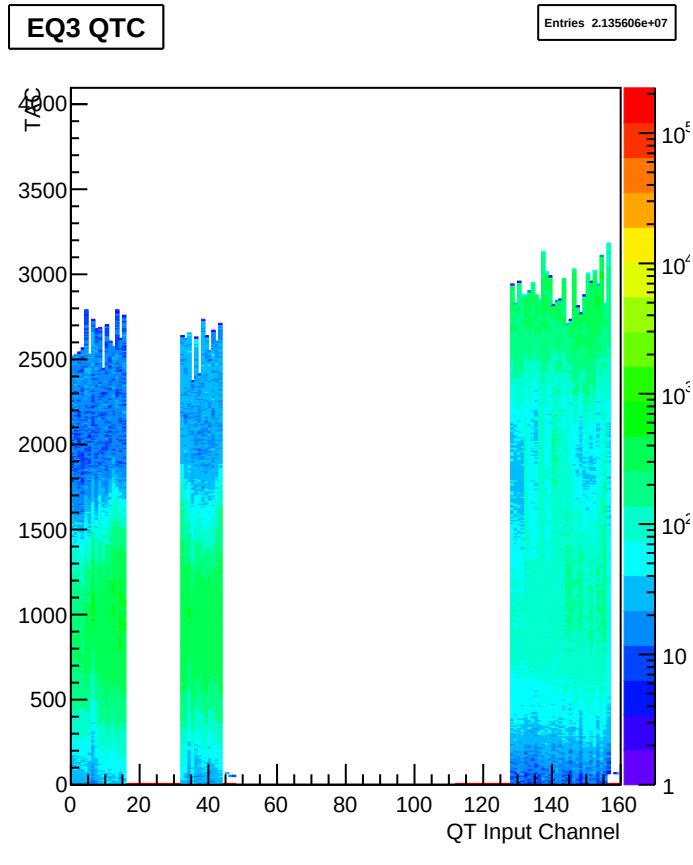

EQ2 QTC
Entries 2.135606e+07
ADC
QT Input Channel

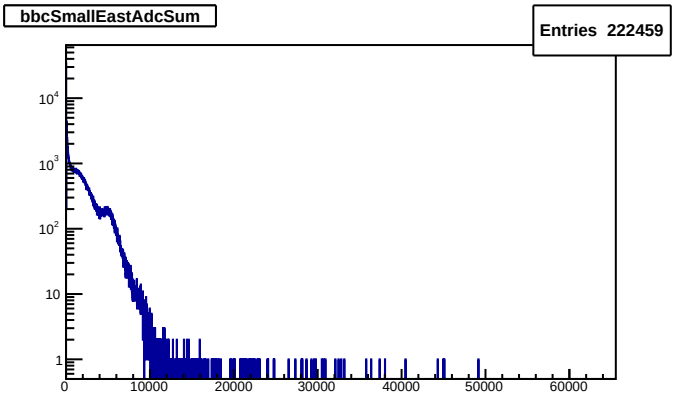

EQ2 QTC
Entries 2.135606e+07
TADC
QT Input Channel

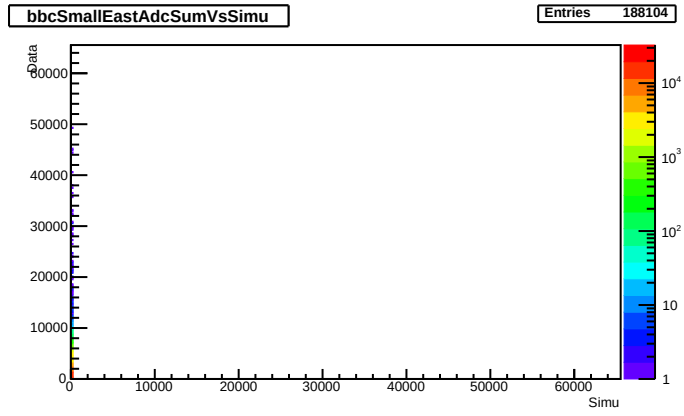

EQ3 QTB
Entries 5.69495e+07
ADC
QT Input Channel

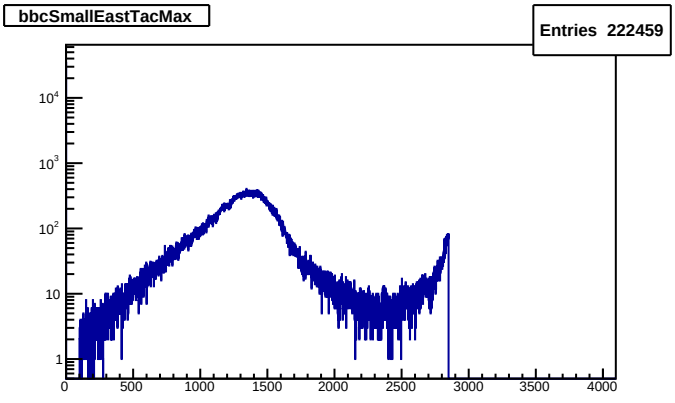

EQ3 QTB
Entries 1.761794e+07
TDC
QT Input Channel

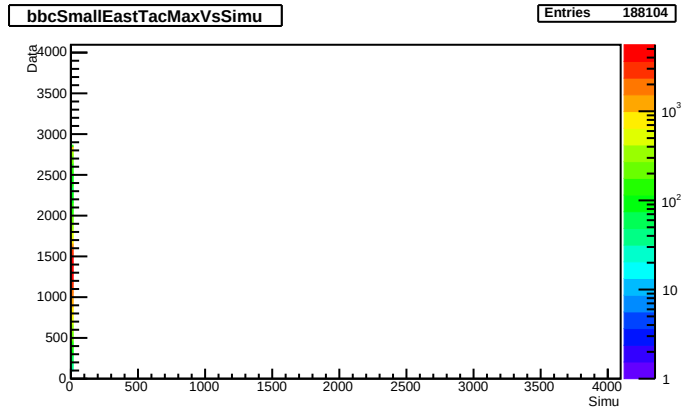

EQ3 QTC
Entries 2.135606e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.135606e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 222459


bbcSmallEastAdcSumVsSimu
Entries 188104
Data
Simu


bbcSmallEastTacMax
Entries 222459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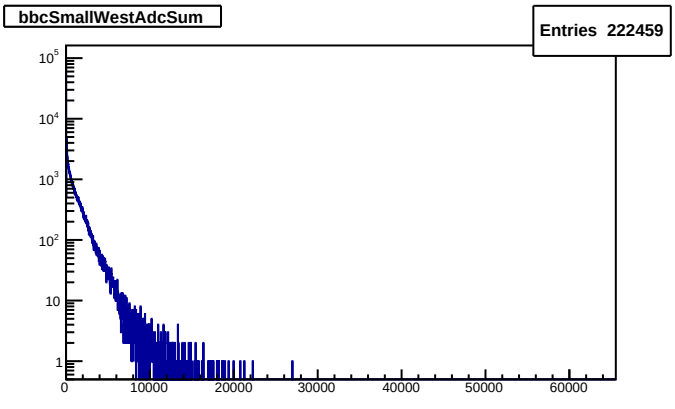
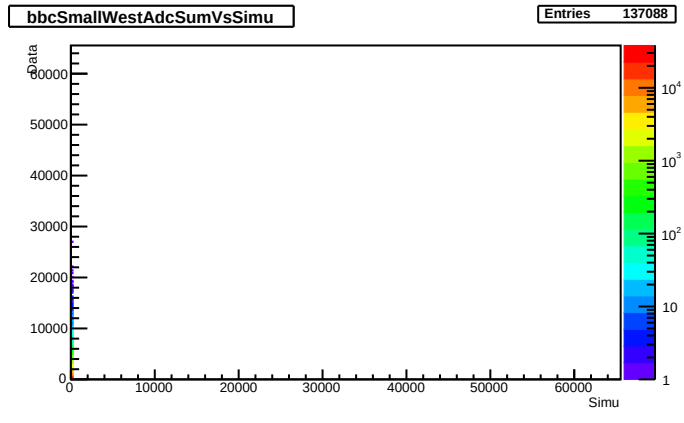
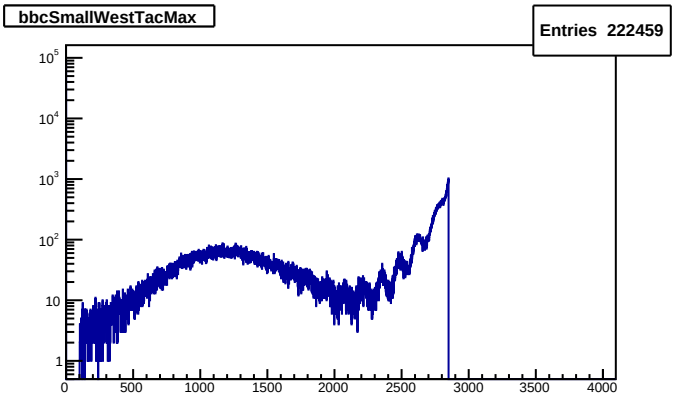
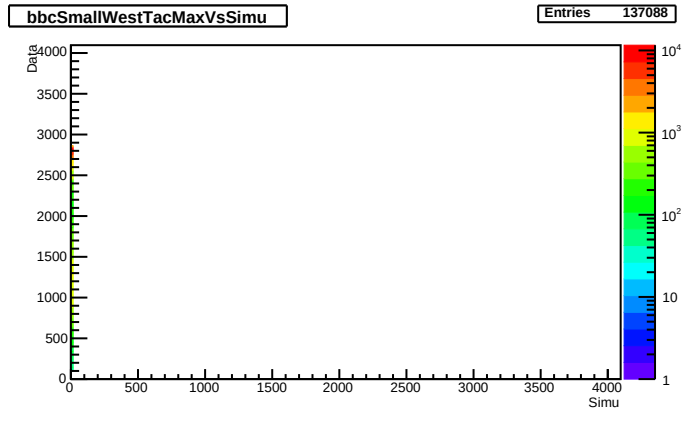
Entries 188104
Data
Simu


bbcSmallWestAdcSum
Entries 222459


bbcSmallWestAdcSumVsSimu
Entries 137088
Data
Simu


bbcSmallWestTacMax
Entries 222459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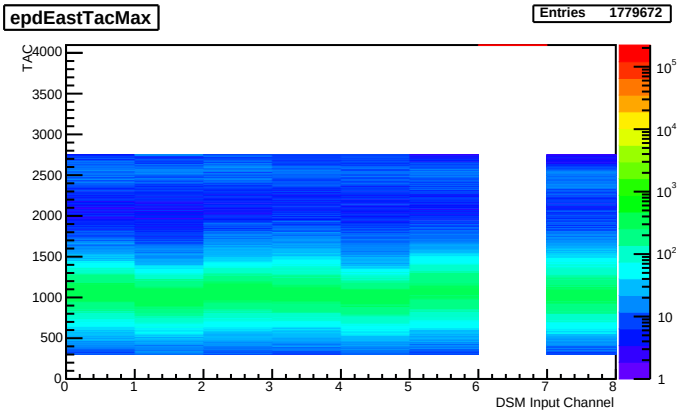
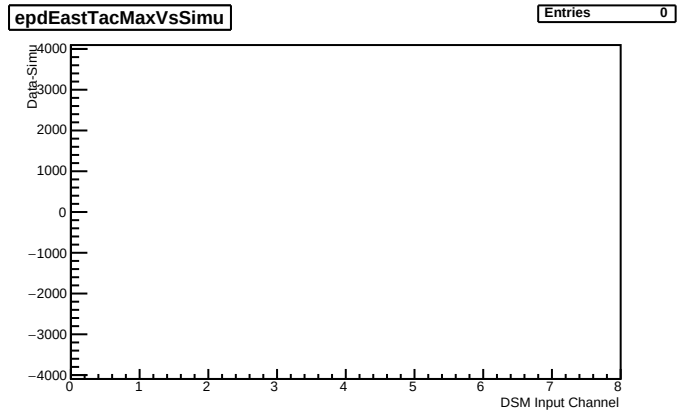
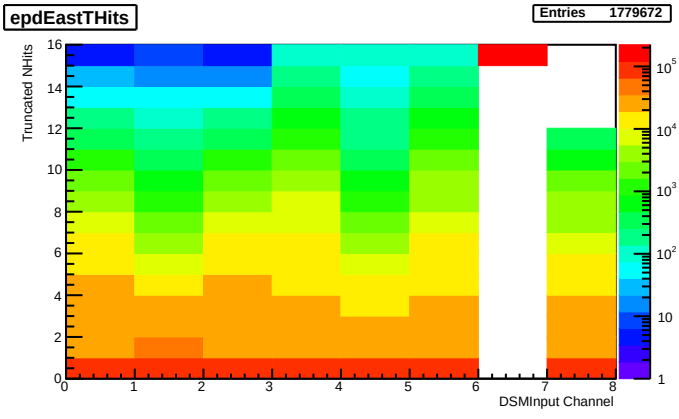
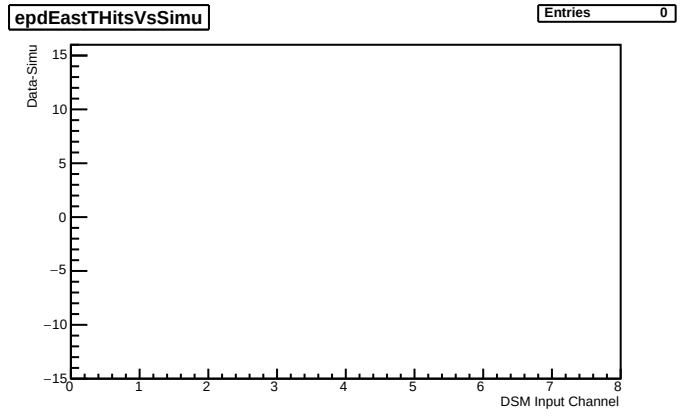
Entries 137088
Data
Simu


epdEastTacMax
Entries 1779672
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1779672
Truncated NHits
DSMInput Channel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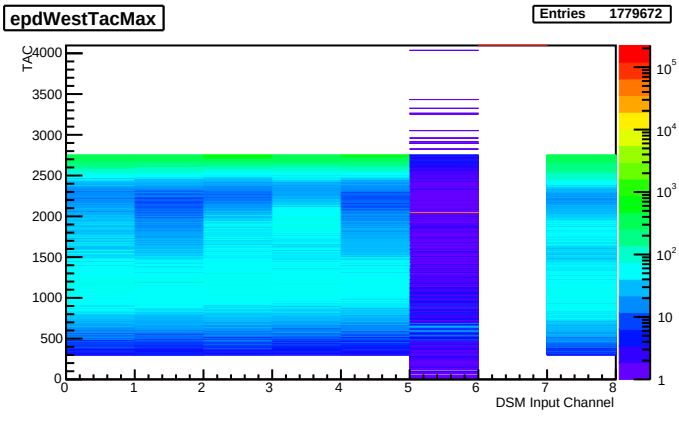
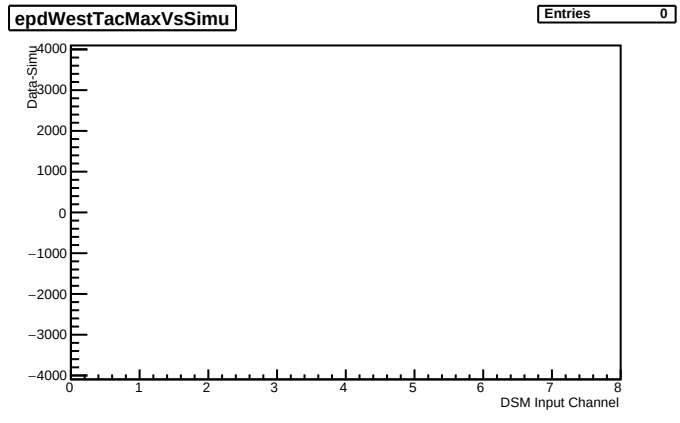
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1779672
TAC
DSM Input Channel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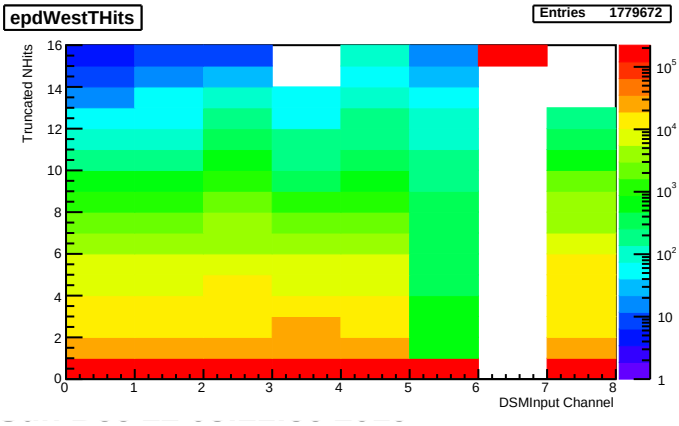
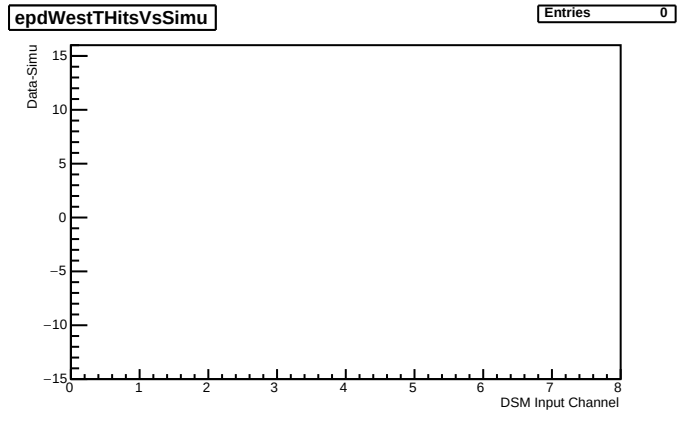
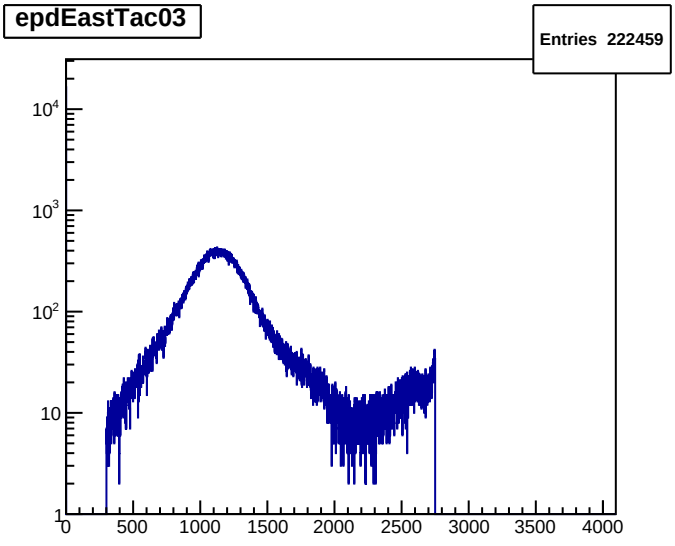
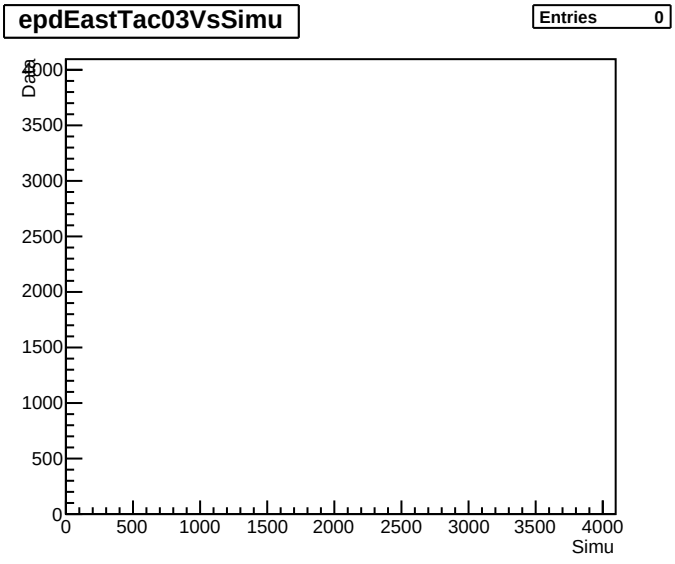
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1779672
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 222459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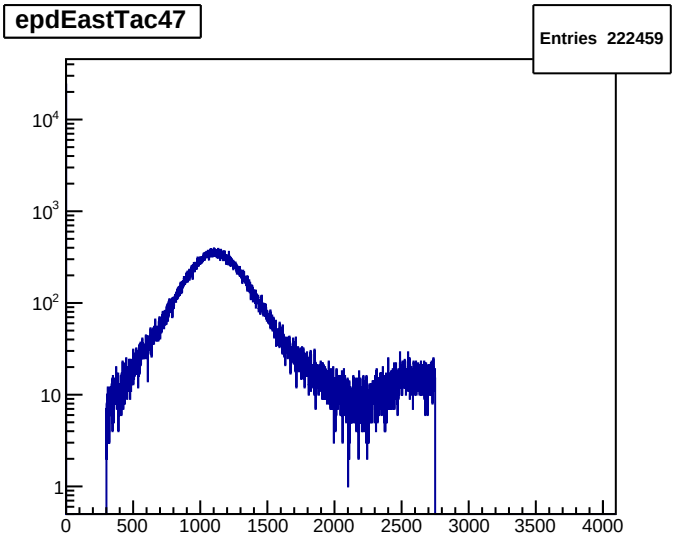
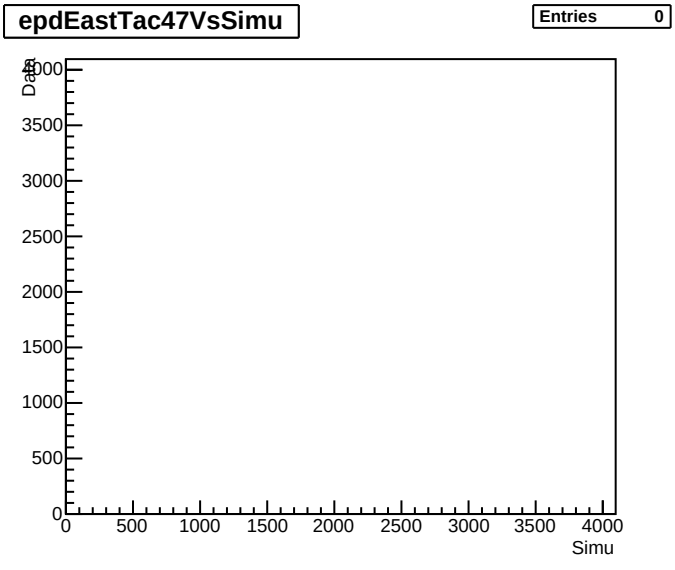
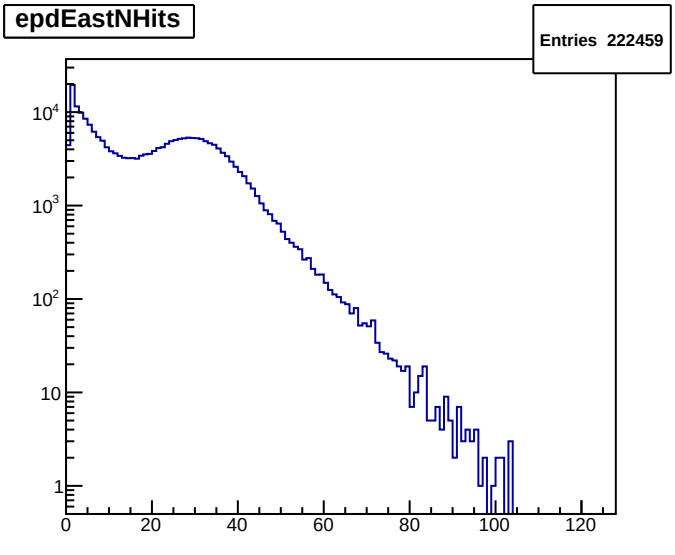
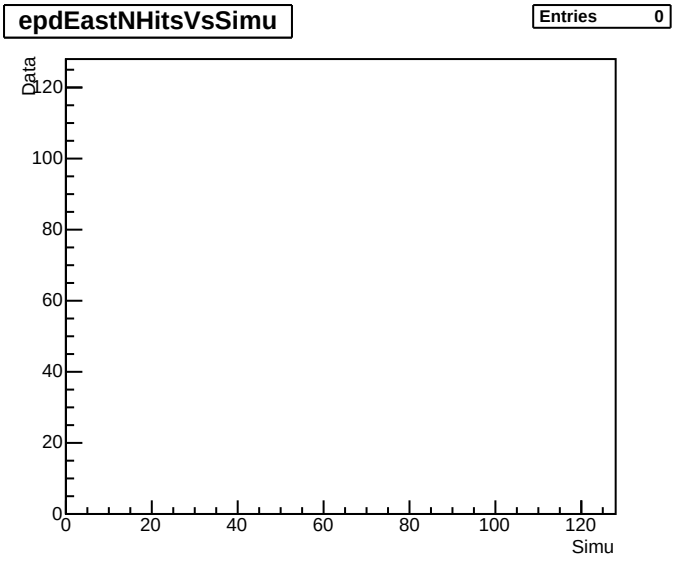
Entries 0
Data
Simu


epdEastTac47
Entries 222459


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 222459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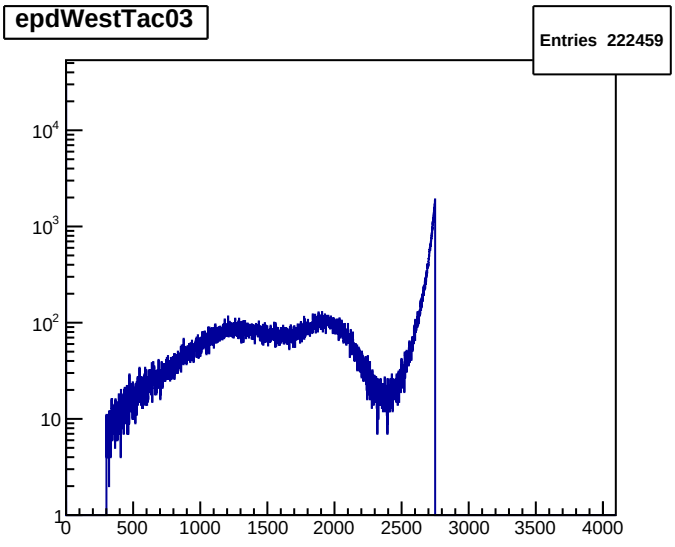
Entries 0
Data
Simu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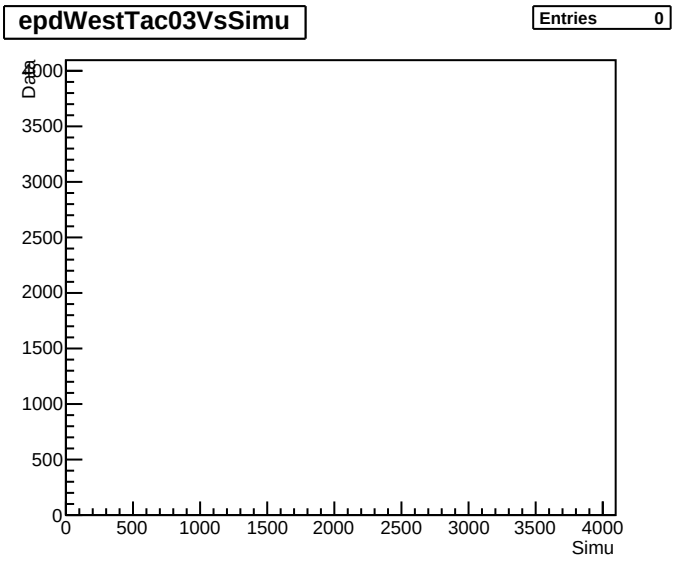
Entries 222459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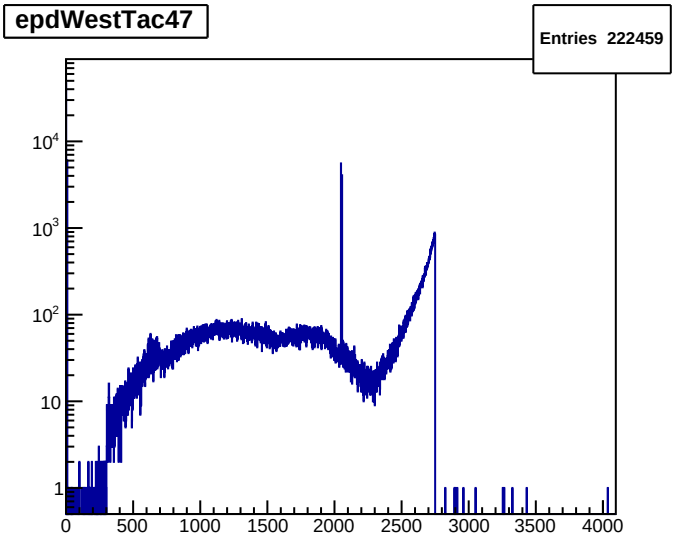
Entries 0
Data
Simu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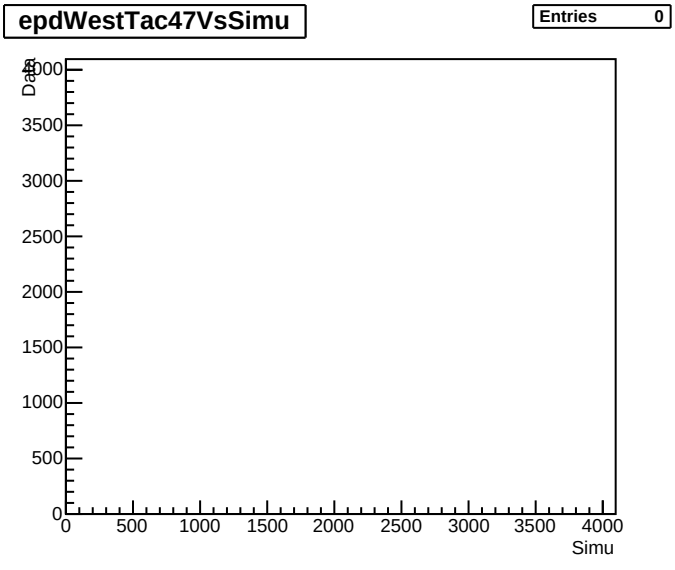
Entries 222459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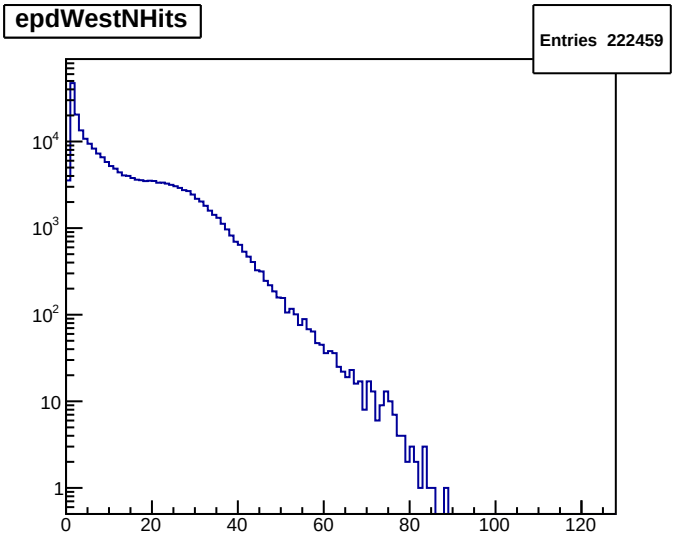
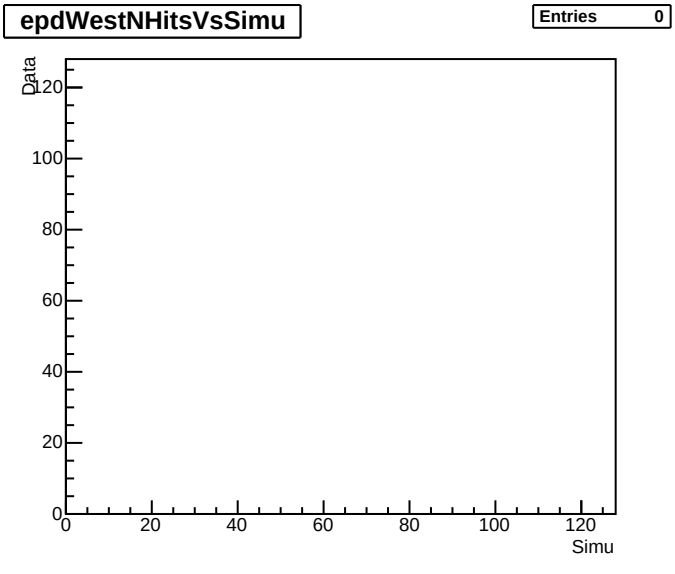
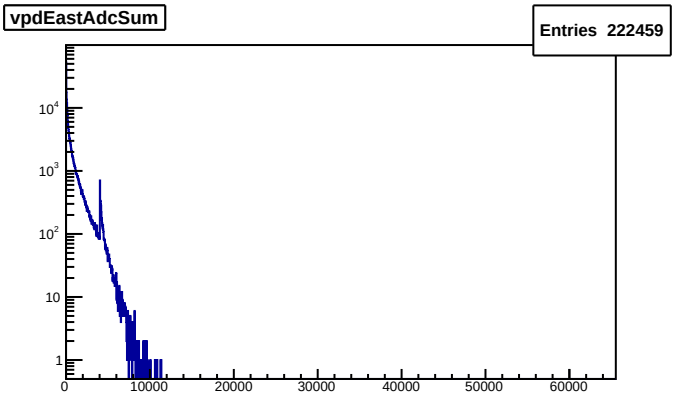
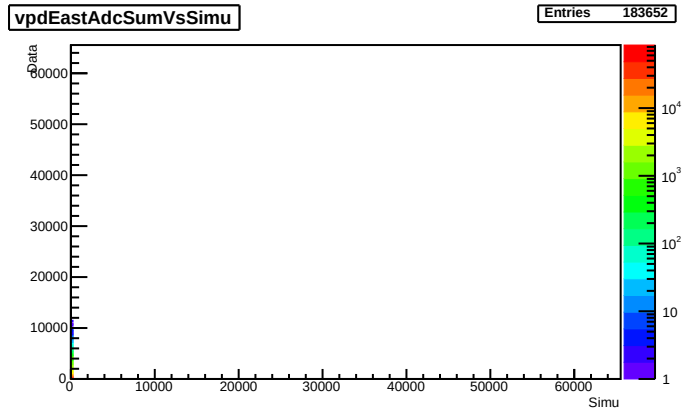
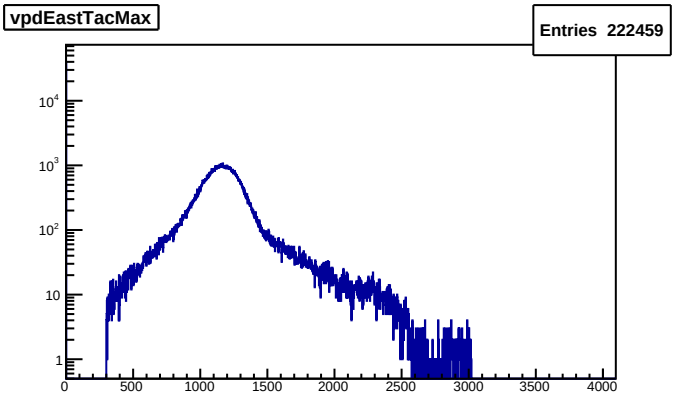
Entries 0
Data
Simu

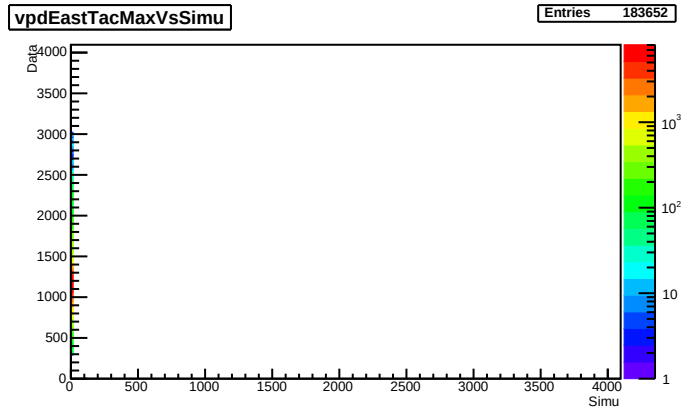

epdWestNHits
Entries 222459

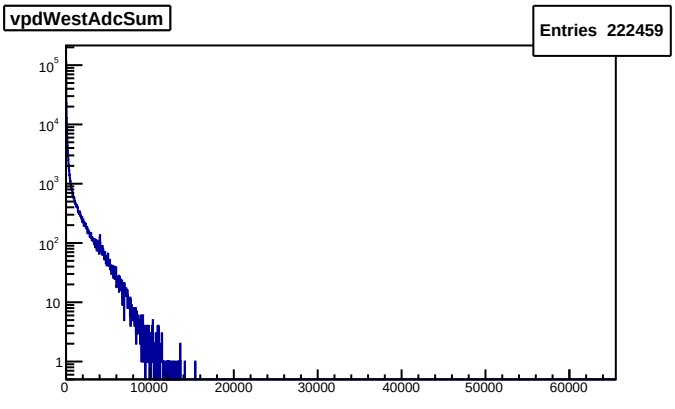

epdWestNHitsVsSimu
Entries 0
Data
Simu

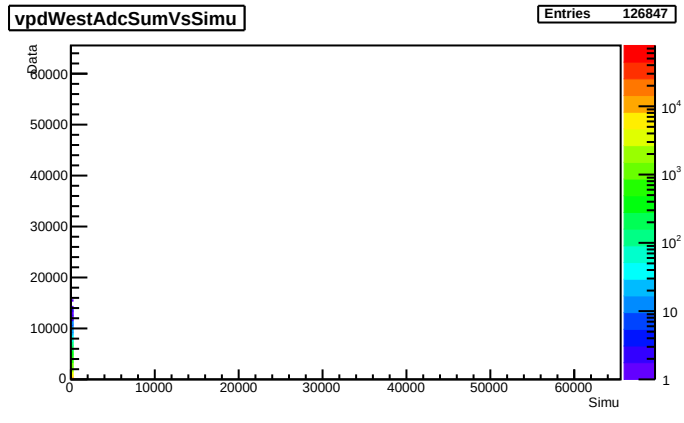

vpdEastAdcSum
Entries 222459

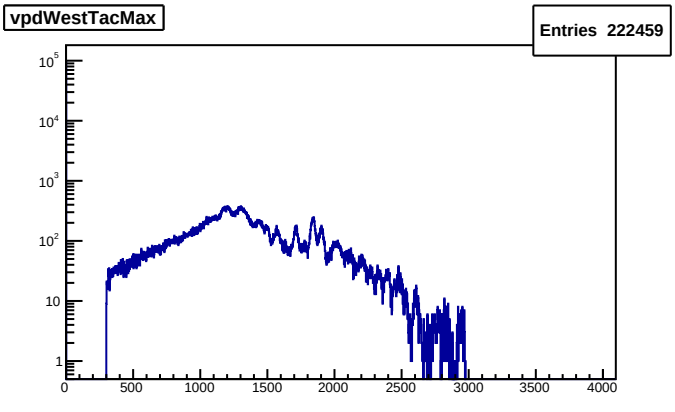

vpdEastAdcSumVsSimu
Entries 183652
Data
Simu

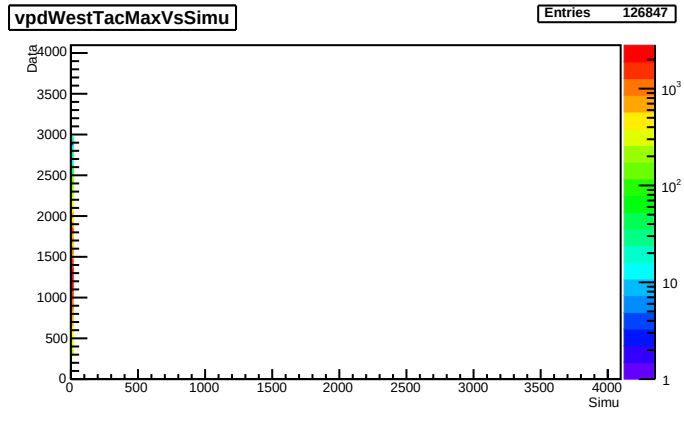

vpdEastTacMax
Entries 222459

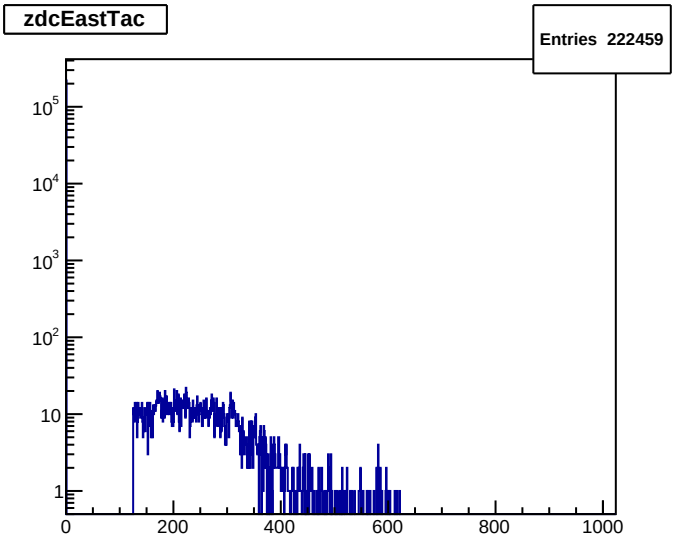

vpdEastTacMaxVsSimu
Entries 183652
Data
Simu

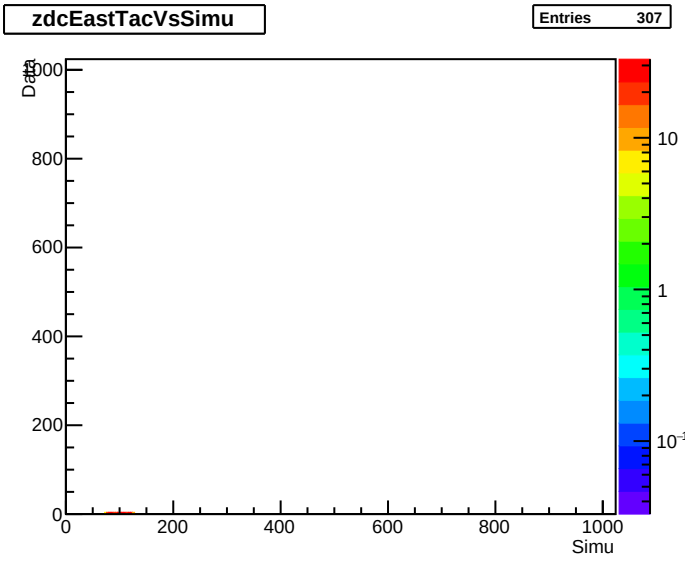

vpdWestAdcSum
Entries 222459

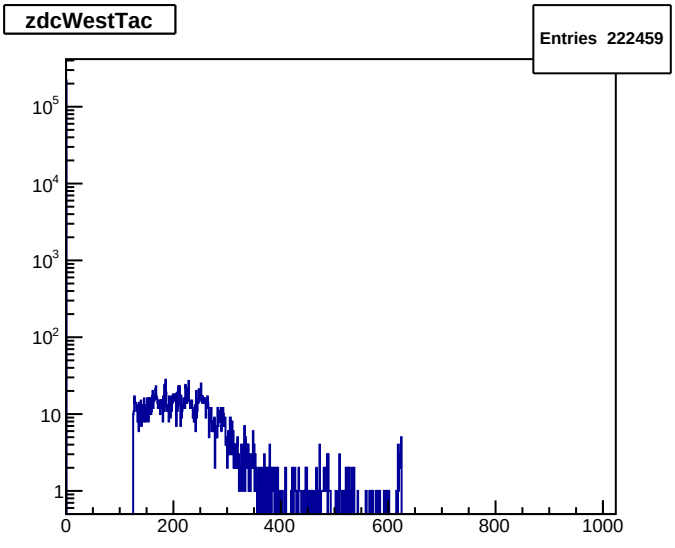

vpdWestAdcSumVsSimu
Entries 126847
Data
Simu

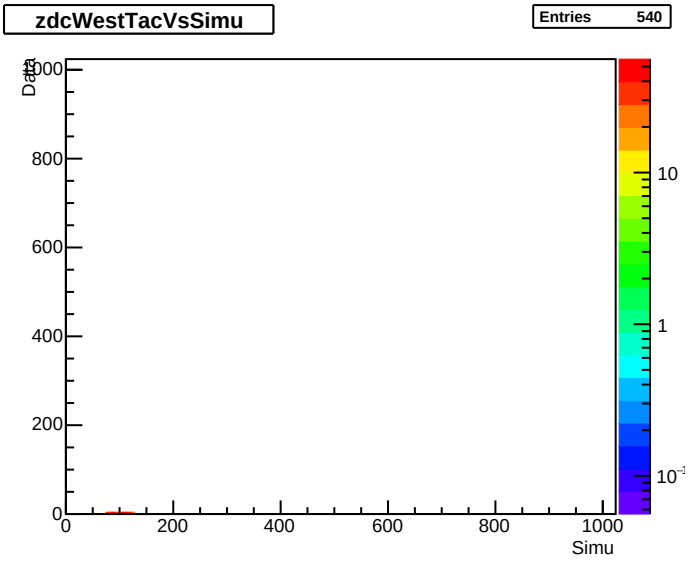

vpdWestTacMax
Entries 222459

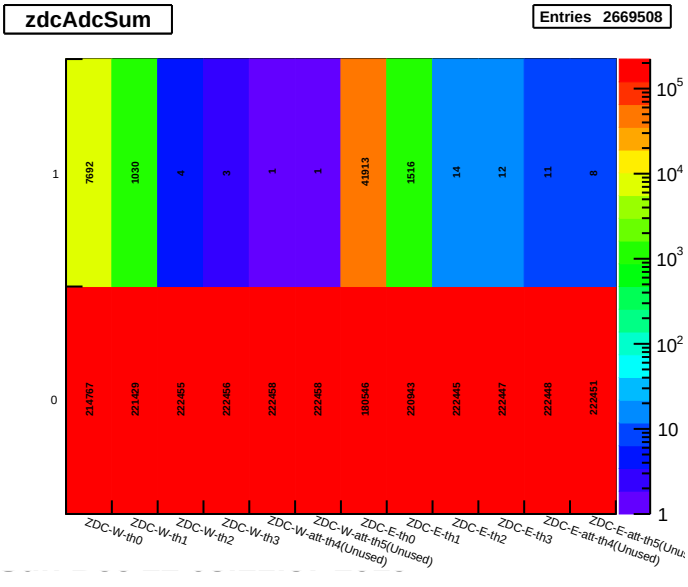

vpdWestTacMaxVsSimu
Entries 126847
Data
Simu

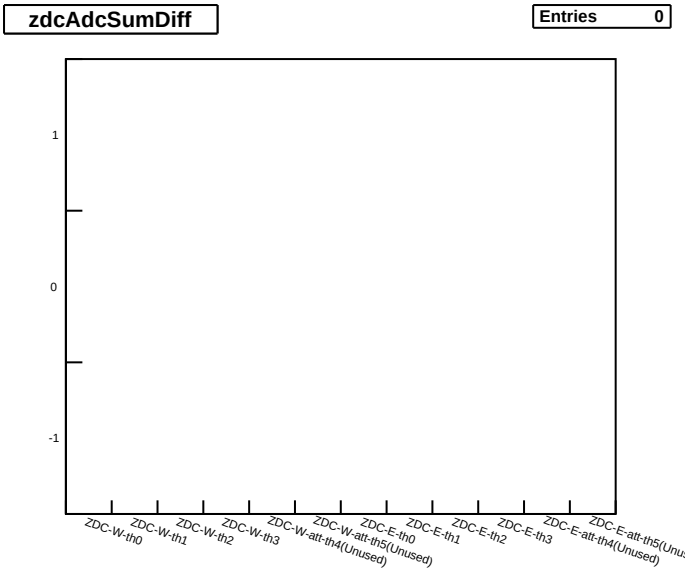

zdcEastTac
Entries 222459

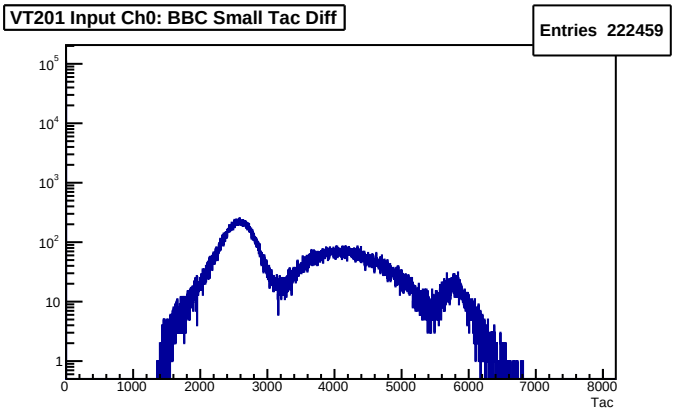

zdcEastTacVsSimu
Entries 307
Data
Simu

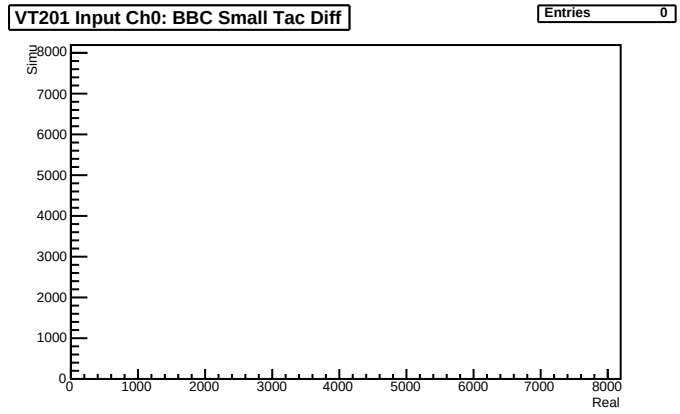

zdcWestTac
Entries 222459

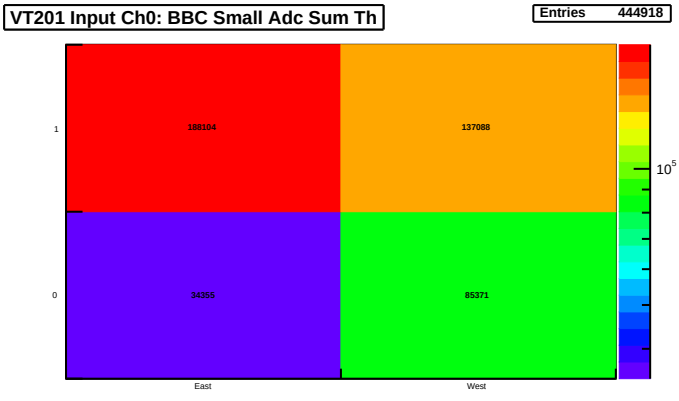

zdcWestTacVsSimu
Entries 540
Data
Simu

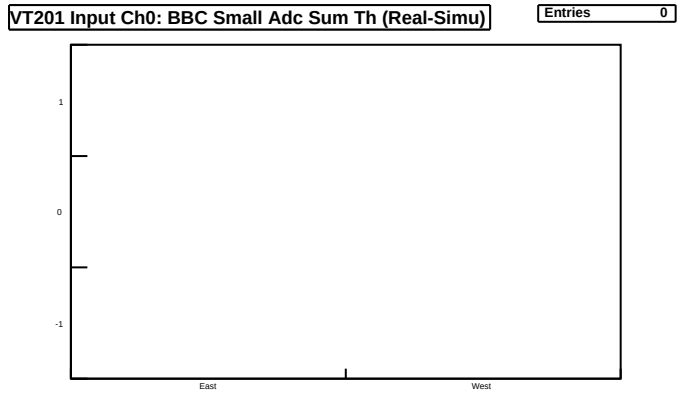

zdcAdcSum
Entries 2669508
7692
1030
4
3
1
1
41913
1516
14
12
11
8
214767
221429
222455
222456
222458
222458
180546
220943
222445
222447
222448
222451
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

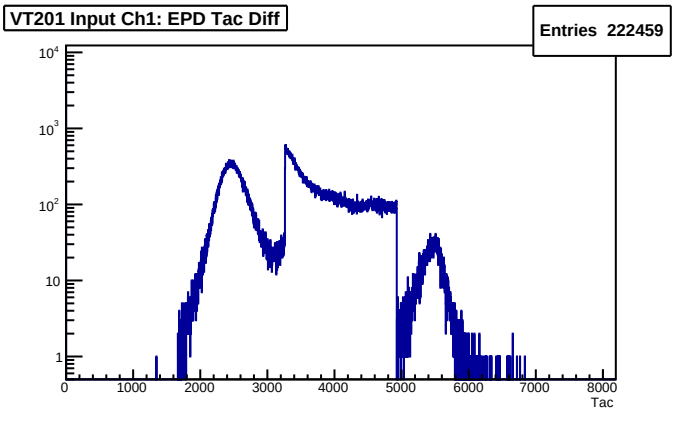

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

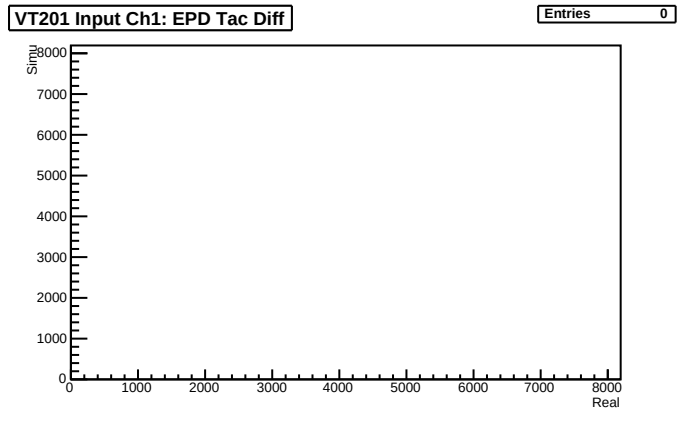

VT201 Input Ch0: BBC Small Tac Diff
Entries 222459
Tac

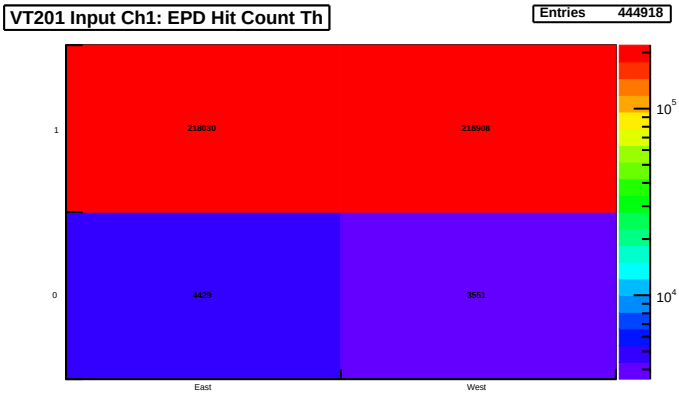

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

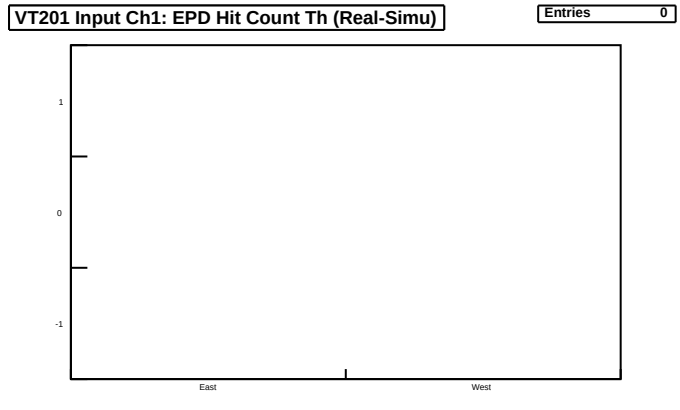

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 444918
188104
137088
34355
85371
East
West

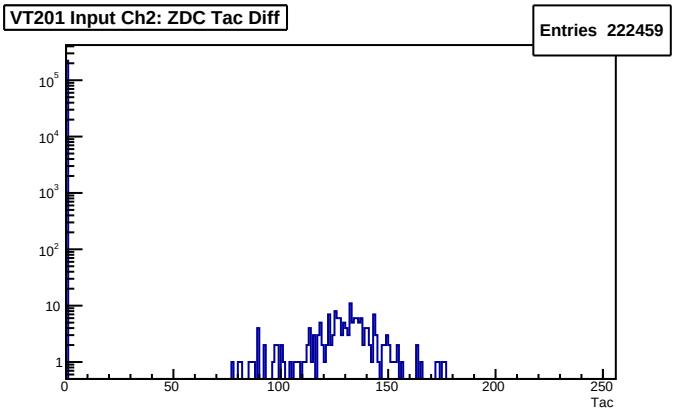

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

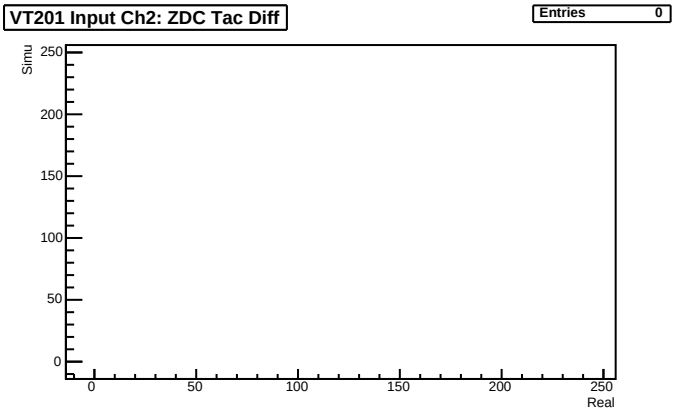

VT201 Input Ch1: EPD Tac Diff
Entries 222459
Tac

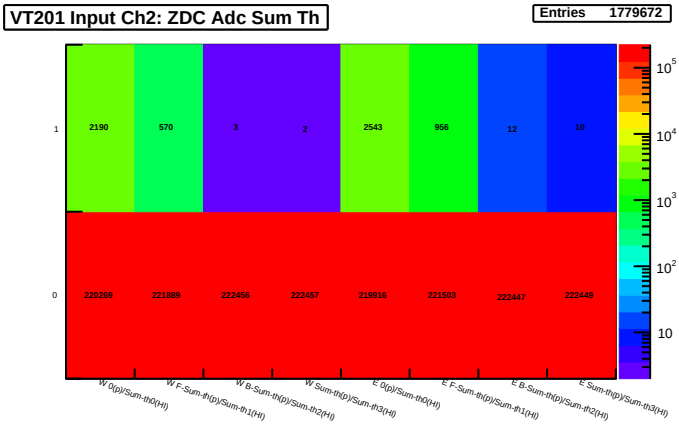

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

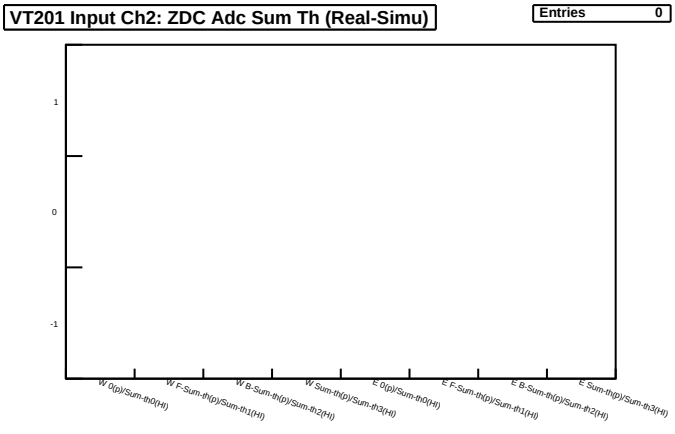

VT201 Input Ch1: EPD Hit Count Th
Entries 444918
218030
219908
4429
3551
East
West

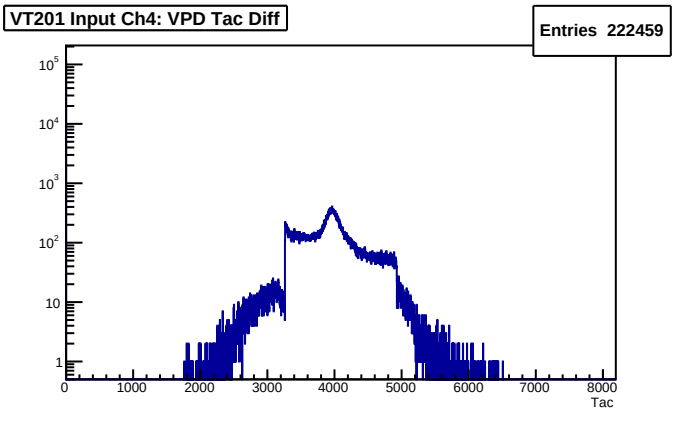

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

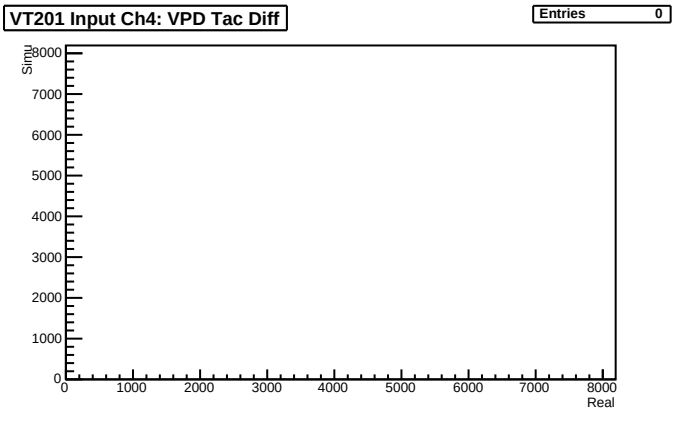

VT201 Input Ch2: ZDC Tac Diff
Entries 222459
Tac

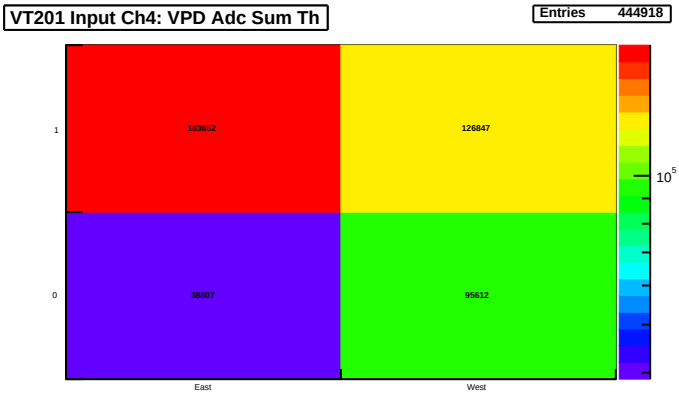

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

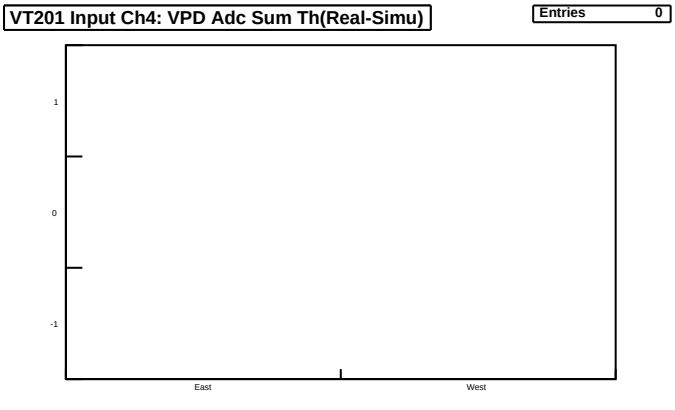

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1779672
2190
570
3
2
2543
956
12
10
220269
221889
222456
222457
219916
221503
222447
222449
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

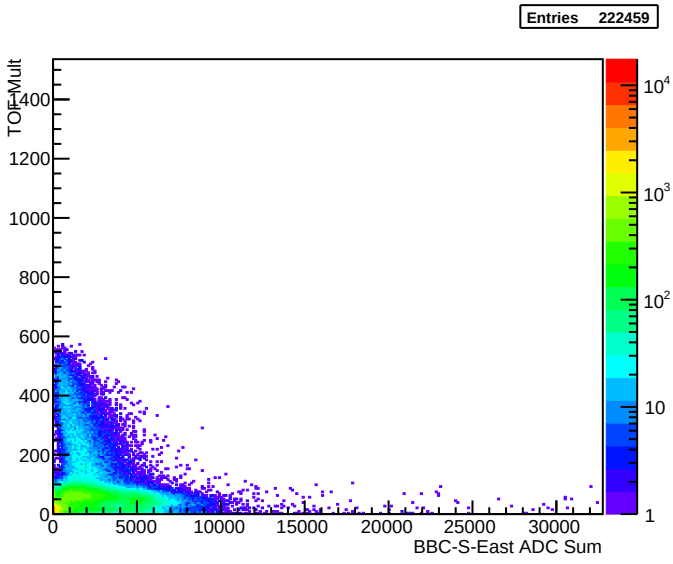

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

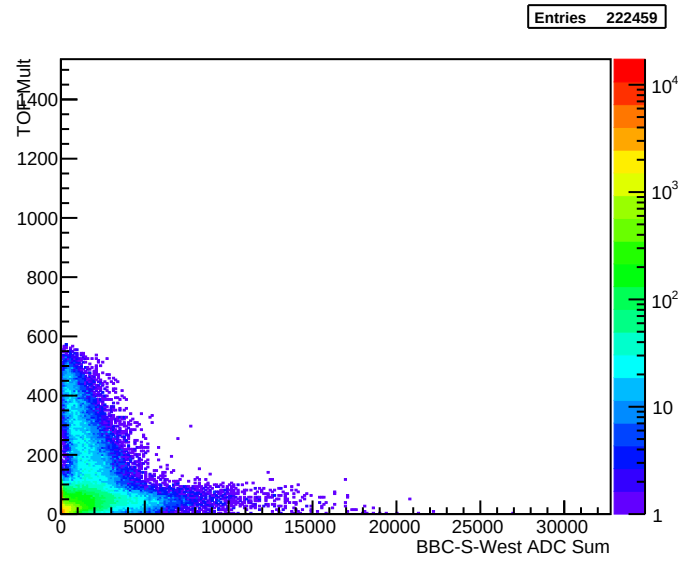

VT201 Input Ch4: VPD Tac Diff
Entries 222459
Tac

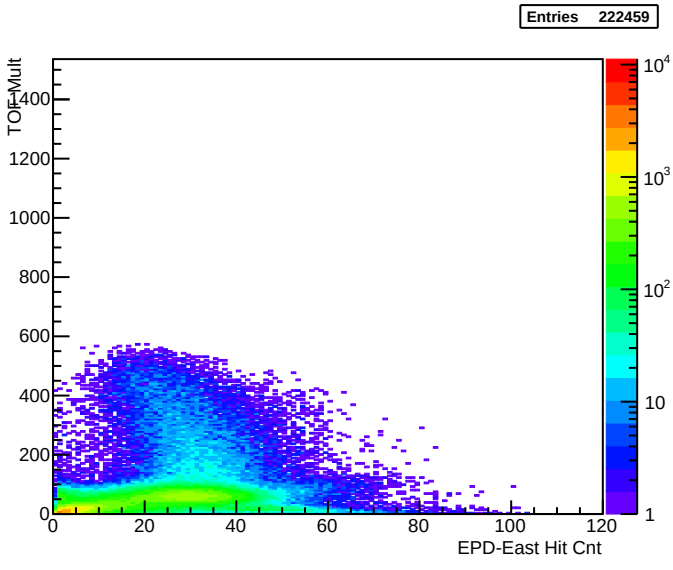

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

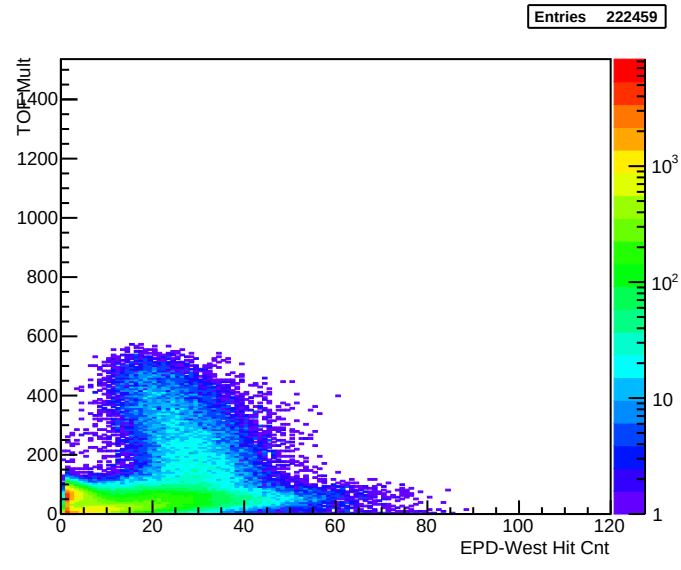

VT201 Input Ch4: VPD Adc Sum Th
Entries 444918
183652
126847
38807
95612
East
West

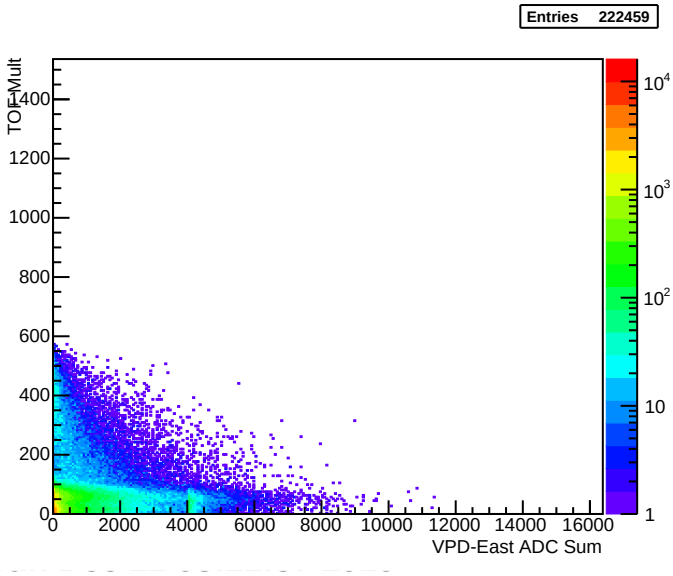

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

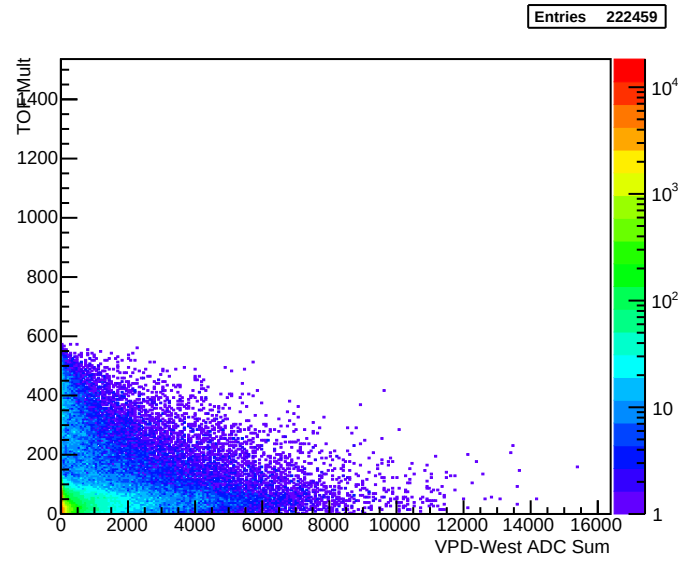

Entries 222459
TOF-Mult
BBC-S-East ADC Sum

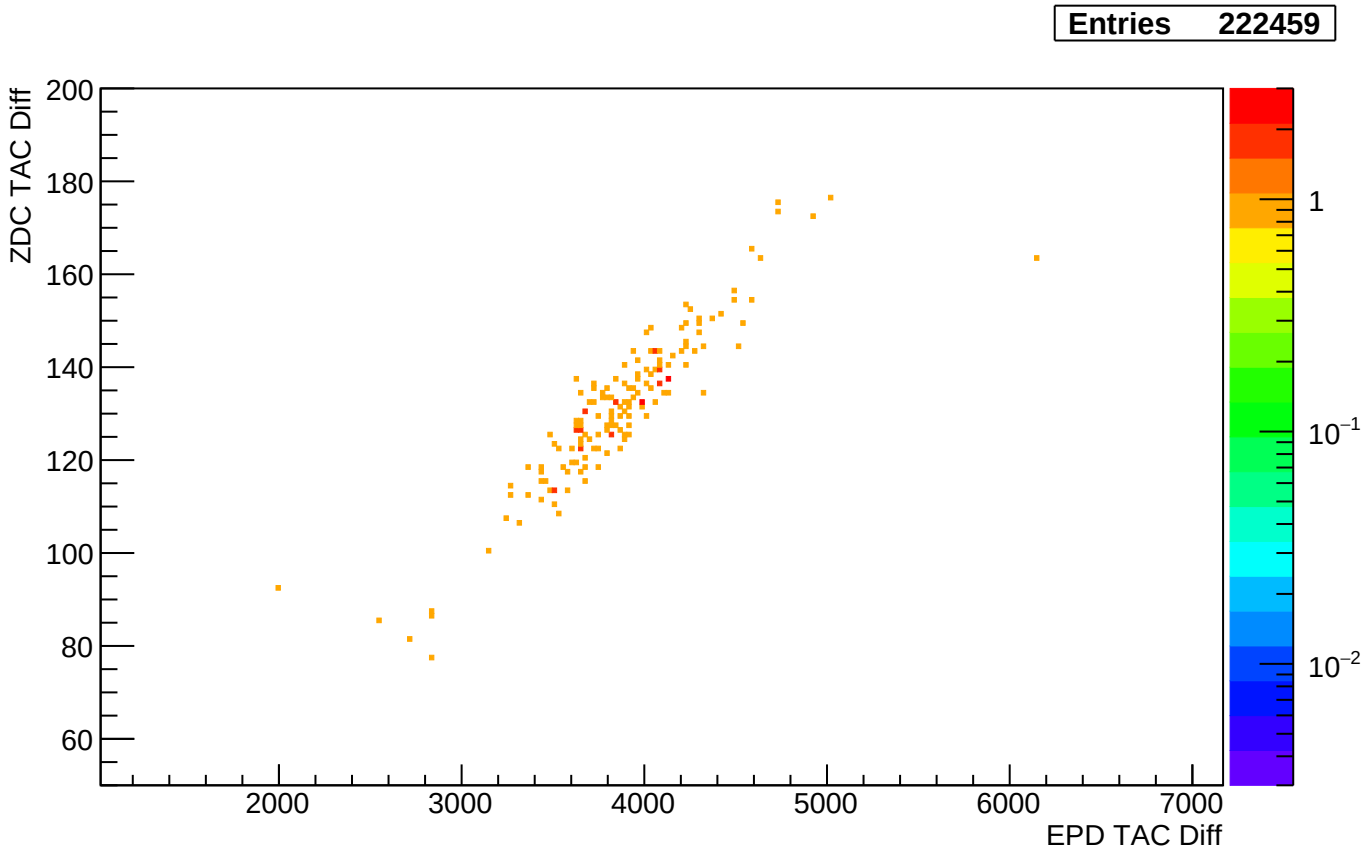

Entries 222459
TOF-Mult
BBC-S-West ADC Sum

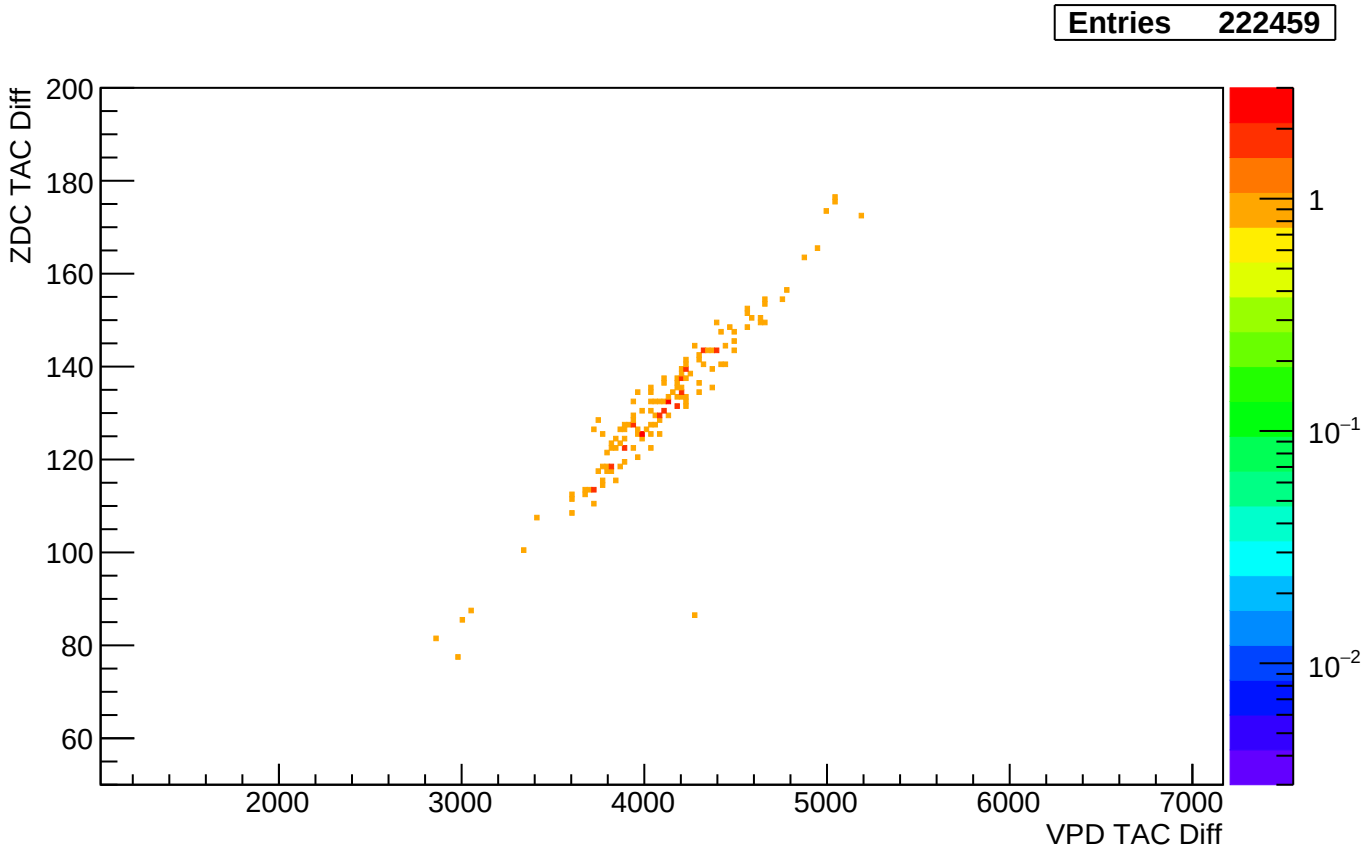

Entries 222459
TOF-Mult
EPD-East Hit Cnt

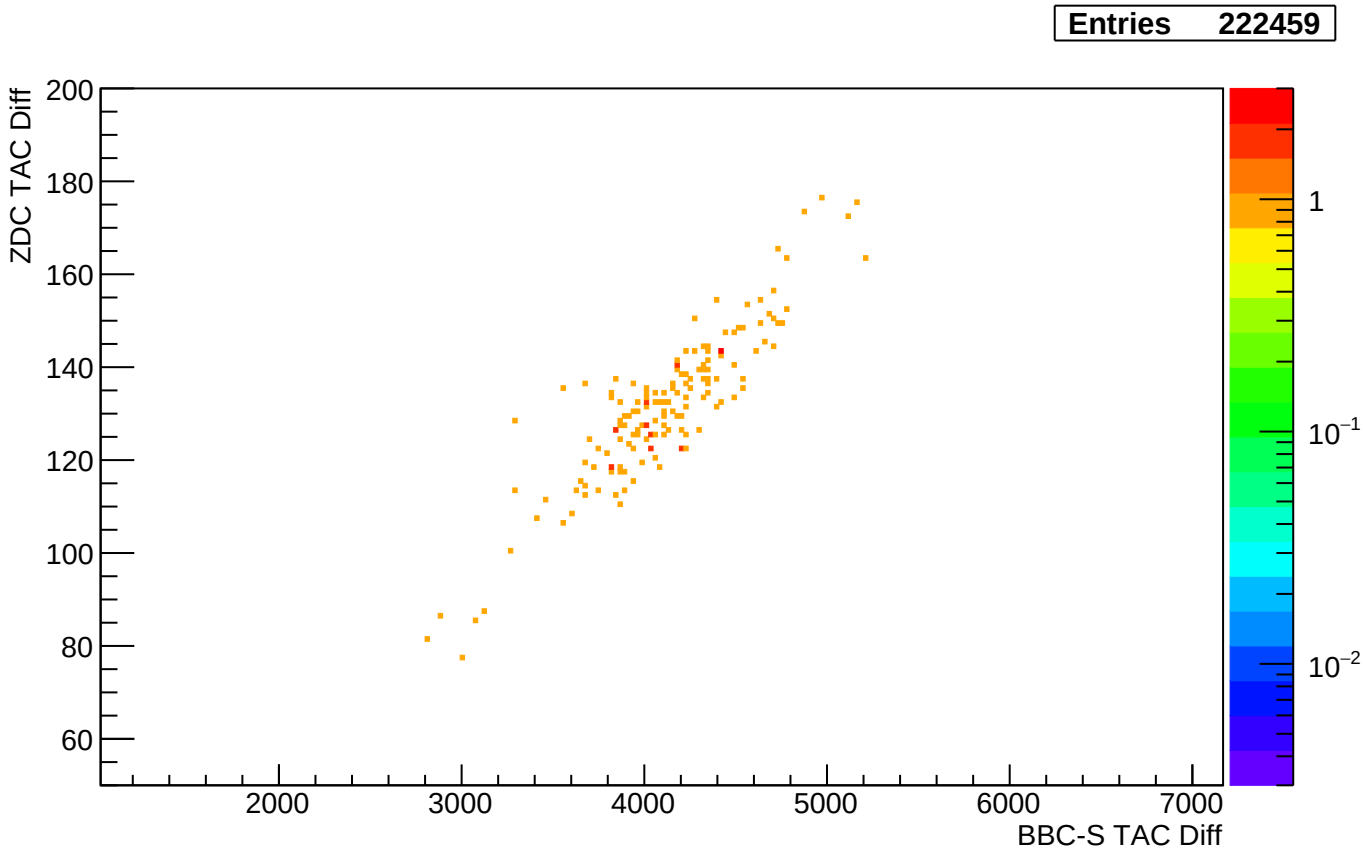

Entries 222459
TOF-Mult
EPD-West Hit Cnt

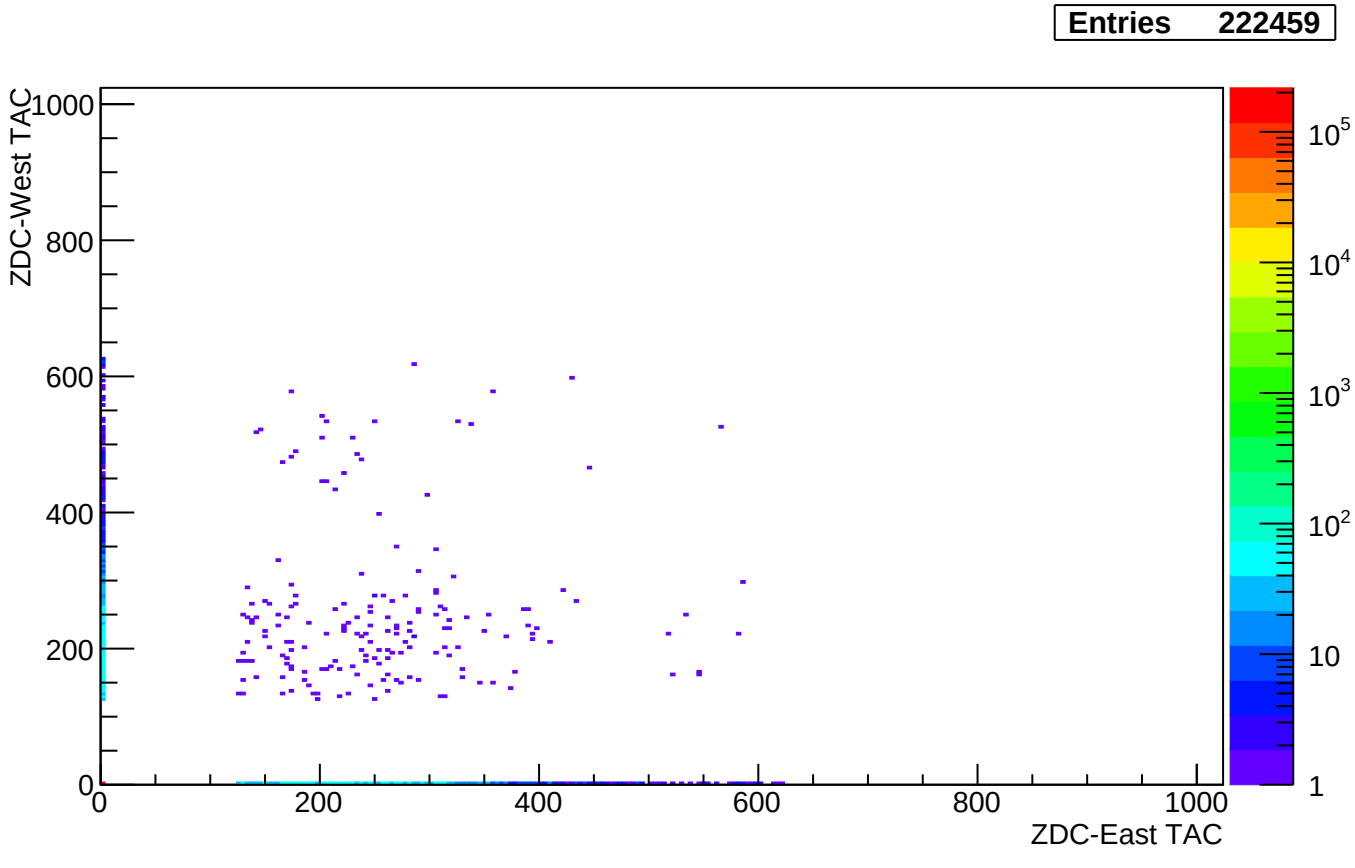

Entries 222459
TOF-Mult
VPD-East ADC Sum

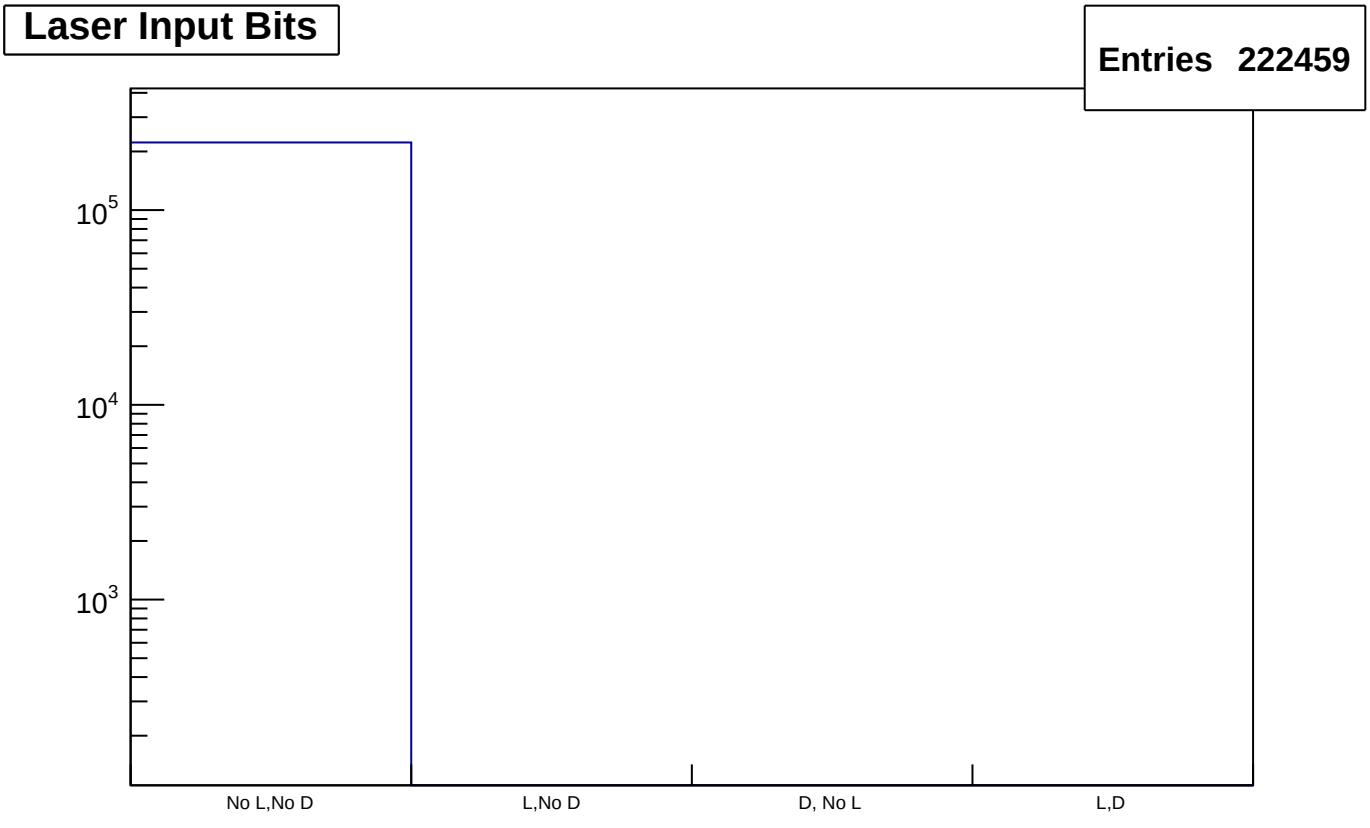

Entries 222459
TOF-Mult
VPD-West ADC Sum

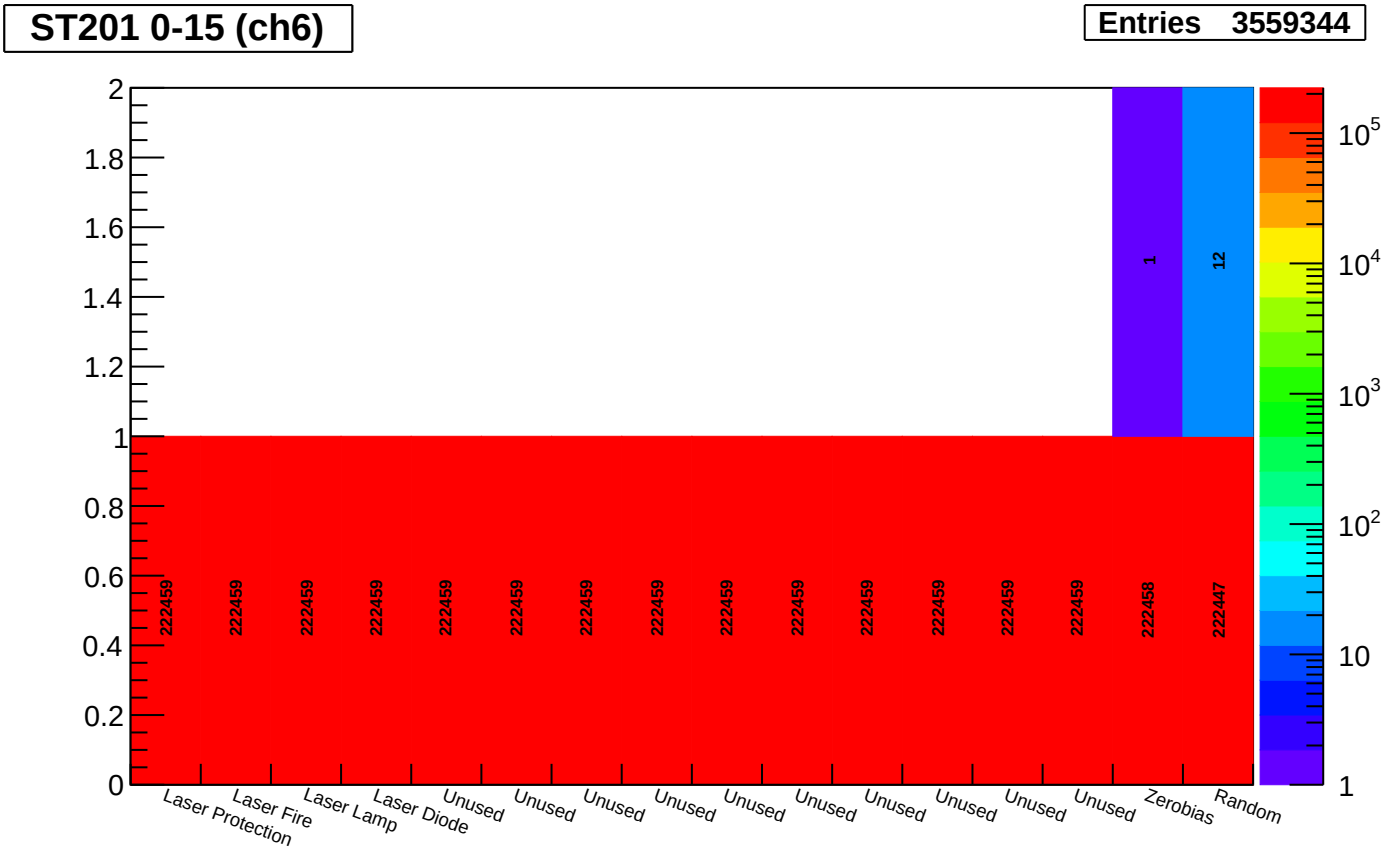

Entries 222459
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

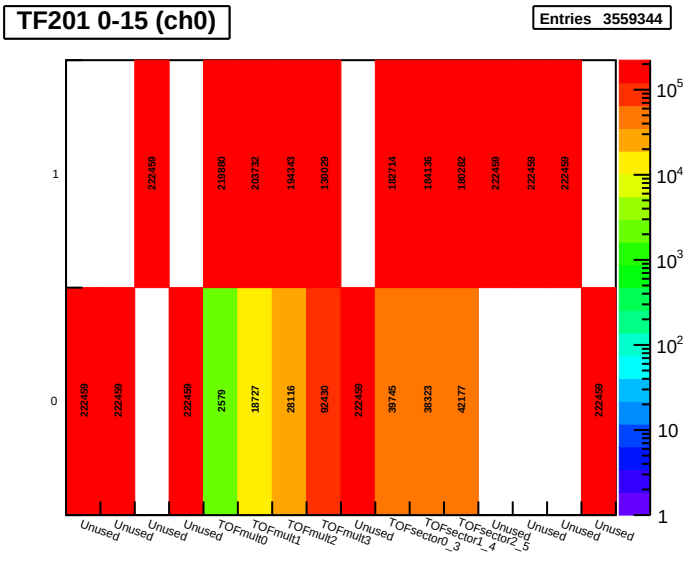

Entries 222459
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

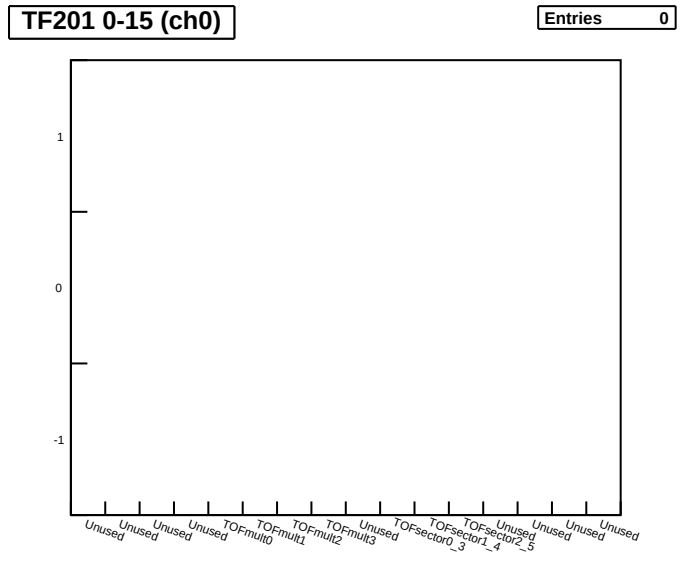

Entries 222459
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

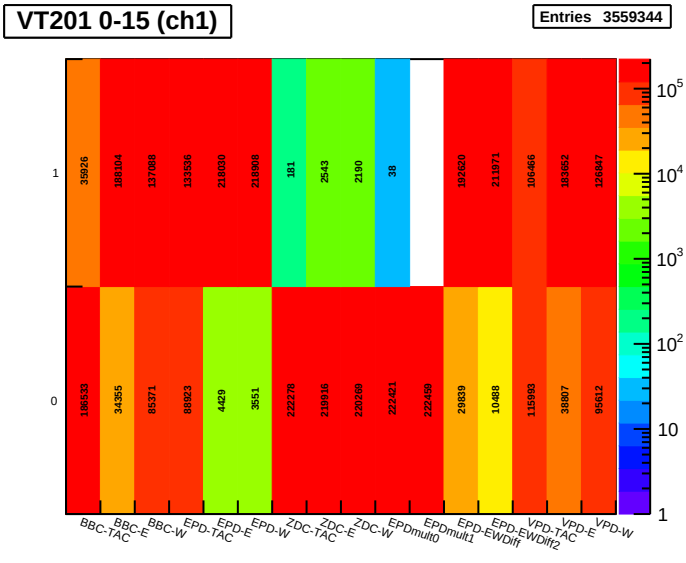

Entries 222459
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

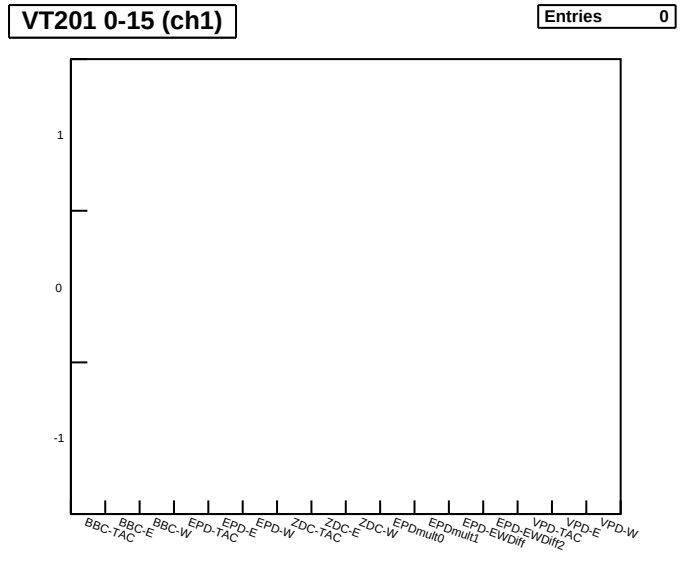

Laser Input Bits
Entries 222459
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

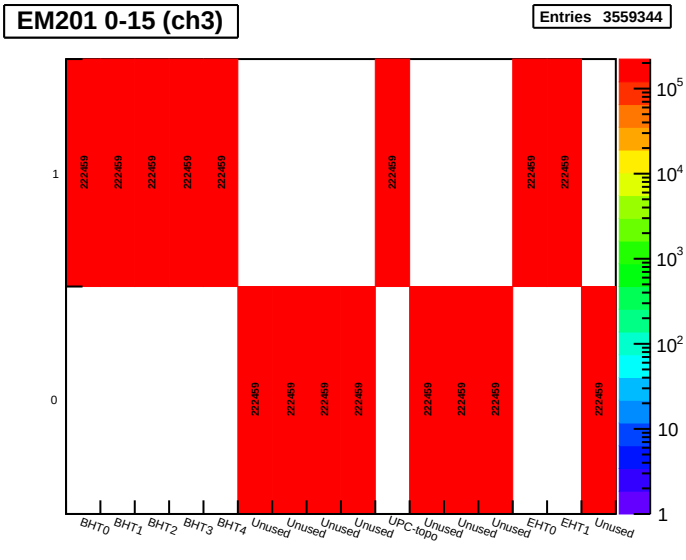

ST201 0-15 (ch6)
Entries 3559344
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222458
222447
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

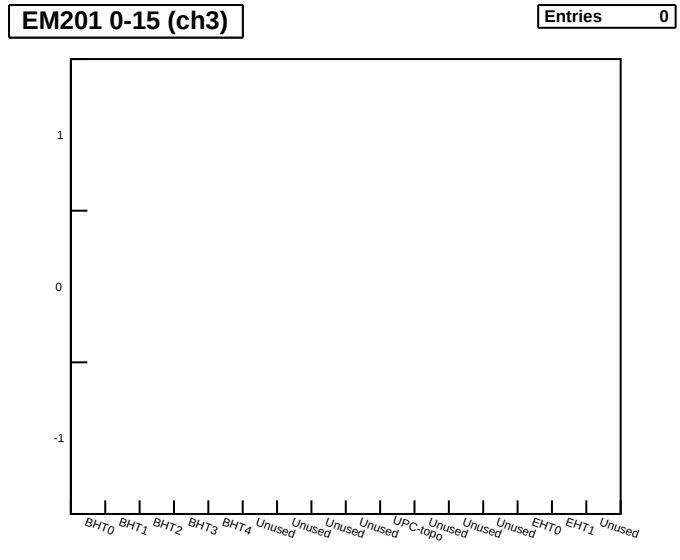

TF201 0-15 (ch0)
Entries 3559344
1
0
222459
210980
203732
194343
130029
182714
184136
180282
222459
222459
222459
222459
222459
222459
2579
18727
28116
92430
222459
39745
38323
42177
222459
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 3559344
1
0
35926
188104
137088
133556
218030
218908
181
2543
2190
38
192620
211971
106466
183652
126847
186533
34355
85371
88923
4429
3551
222278
219916
220269
222421
222459
29839
10488
115993
38807
95612
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 3559344
1
0
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
222459
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


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