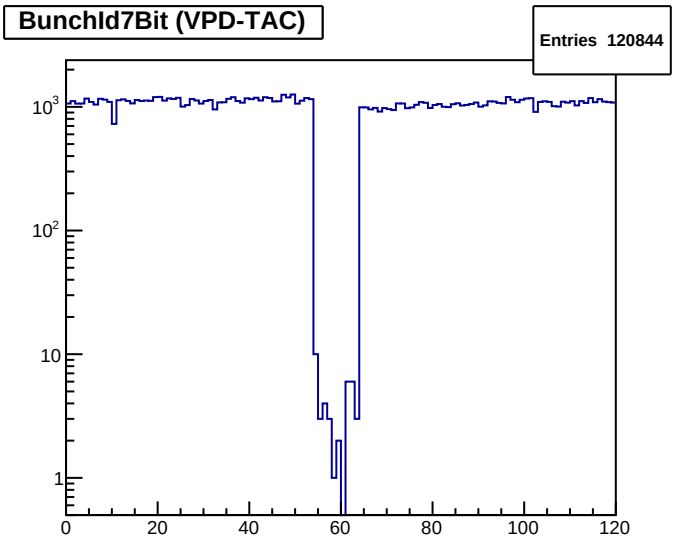
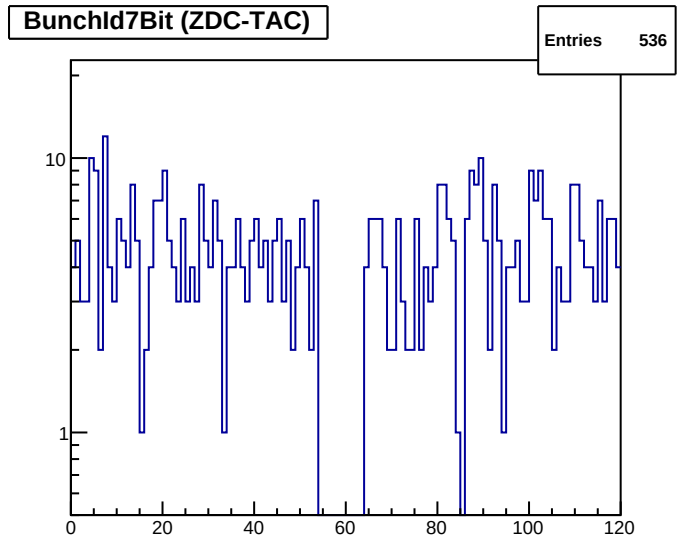
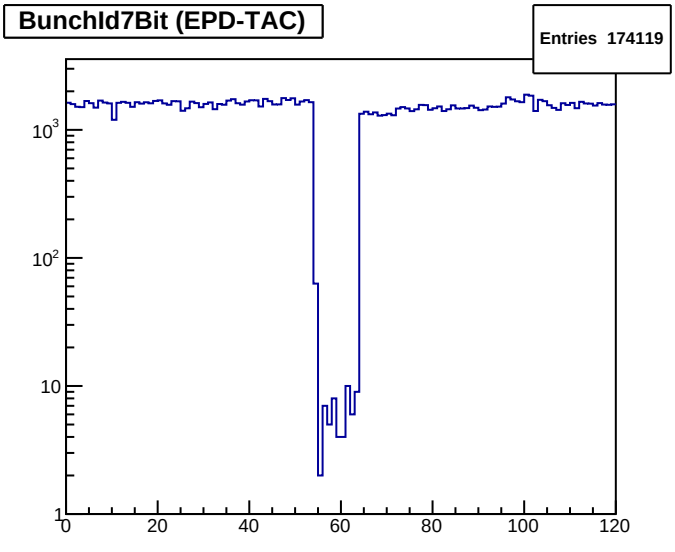
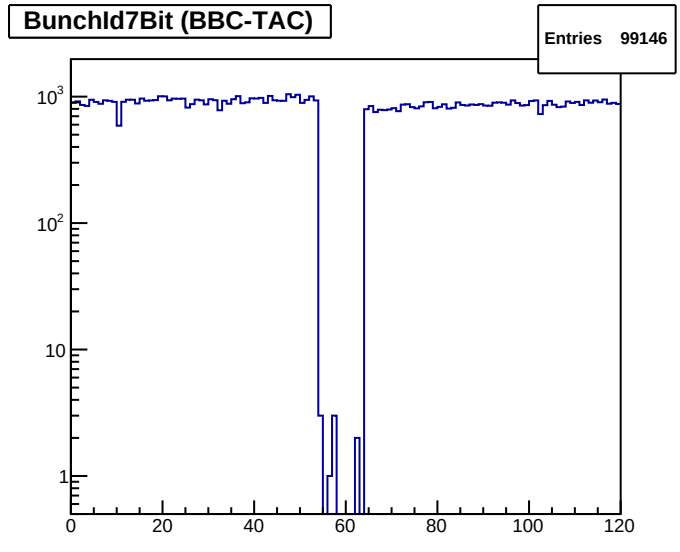
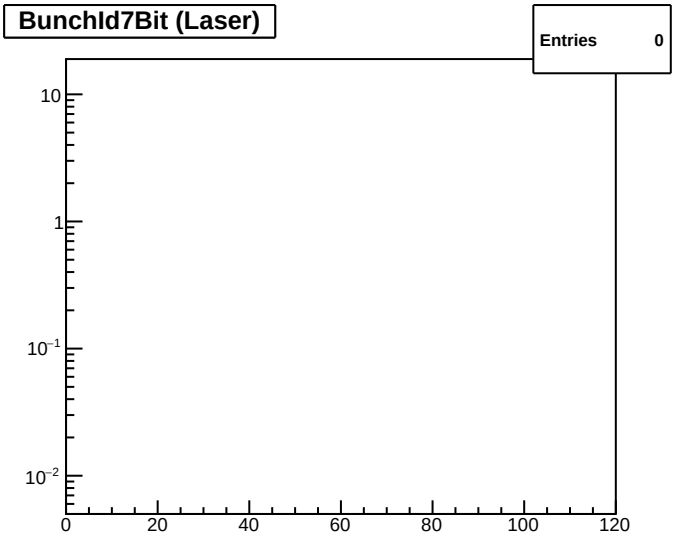
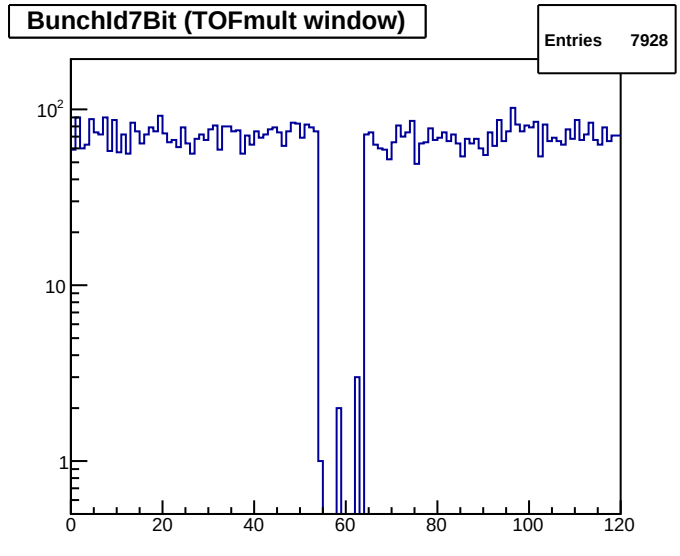

BunchId7Bit (VPD-TAC)
Entries 120844

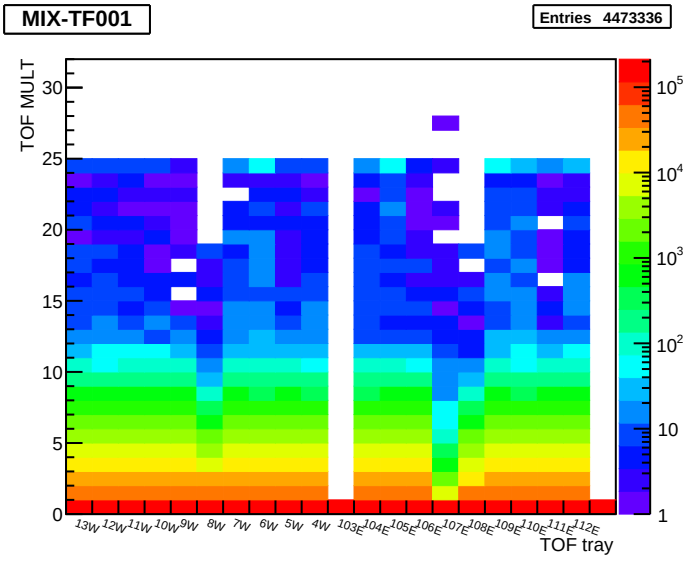

BunchId7Bit (ZDC-TAC)
Entries 536

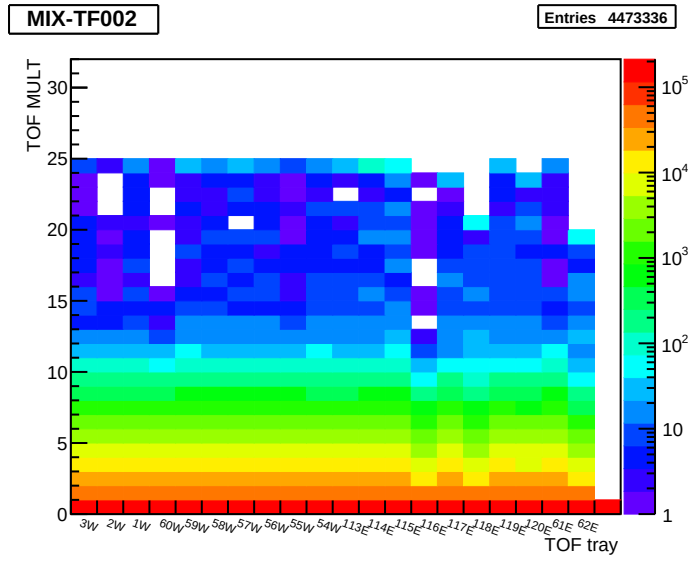

BunchId7Bit (EPD-TAC)
Entries 174119

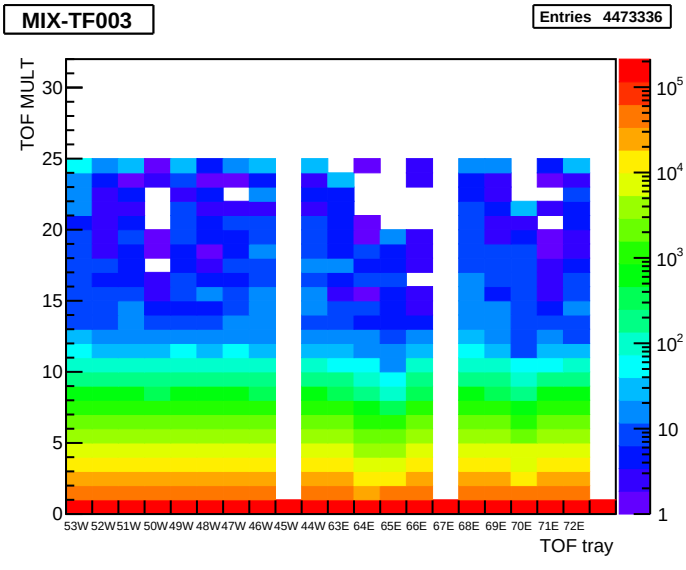

BunchId7Bit (BBC-TAC)
Entries 99146

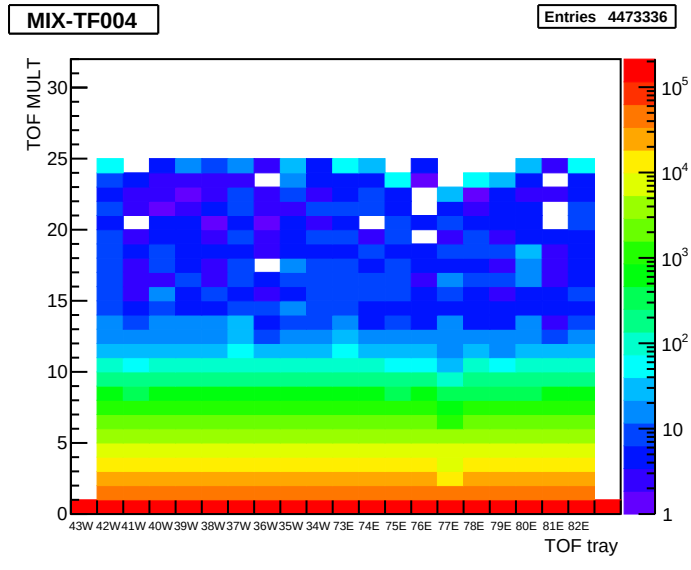

BunchId7Bit (Laser)
Entries 0

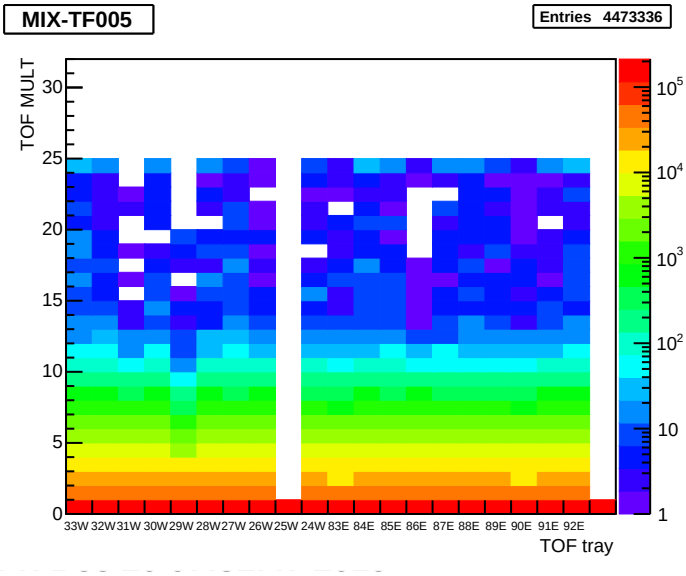

BunchId7Bit (TOFmult window)
Entries 7928

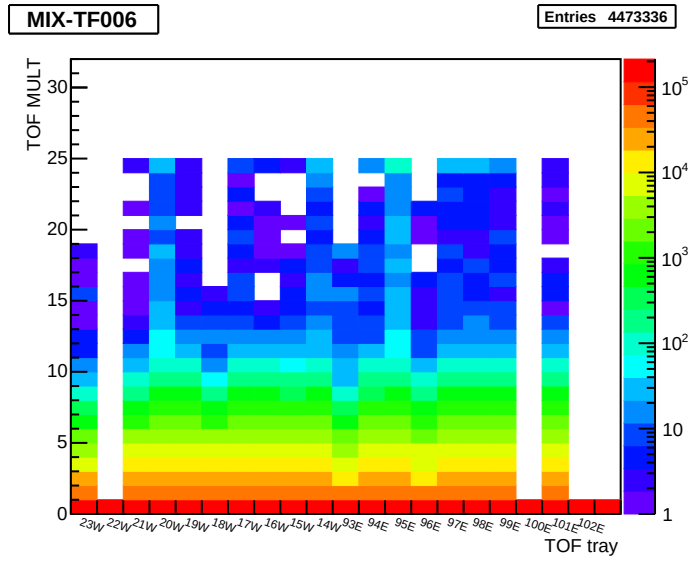

MIX-TF001
Entries 4473336
TOF MULT
TOF tray

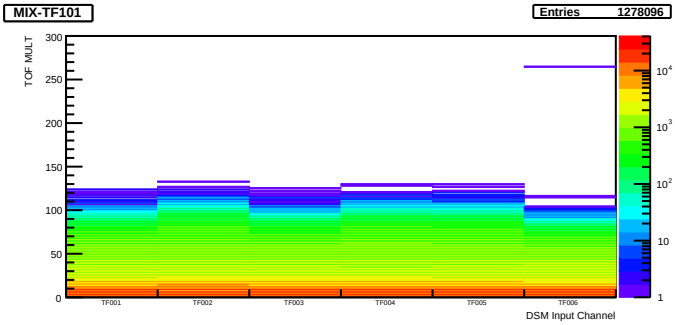

MIX-TF002
Entries 4473336
TOF MULT
TOF tray

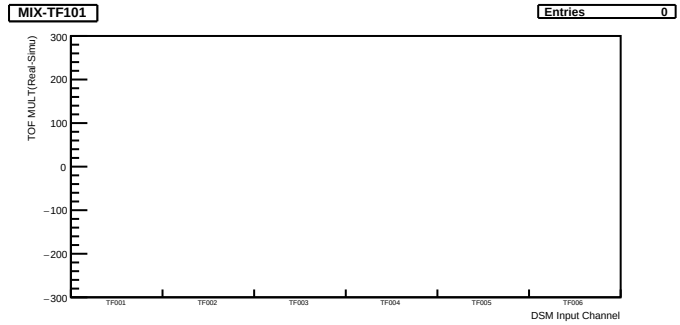

MIX-TF003
Entries 4473336
TOF MULT
TOF tray

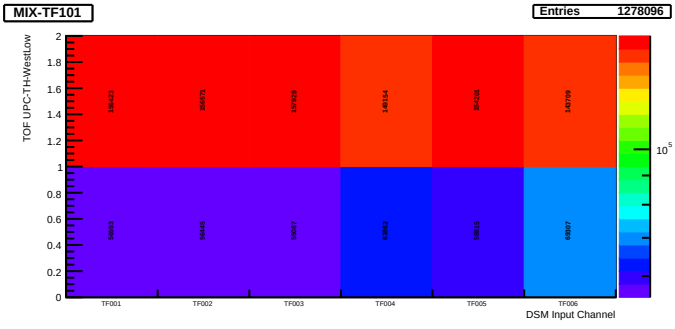

MIX-TF004
Entries 4473336
TOF MULT
TOF tray

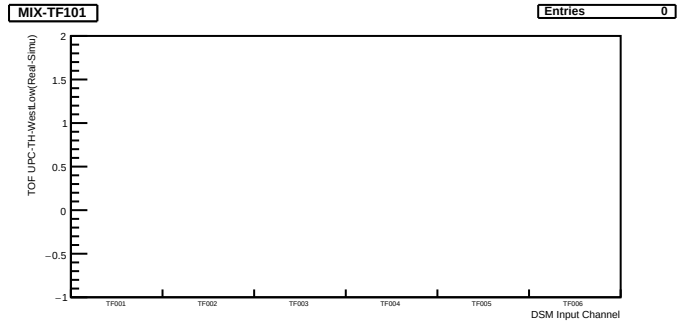

MIX-TF005
Entries 4473336
TOF MULT
TOF tray

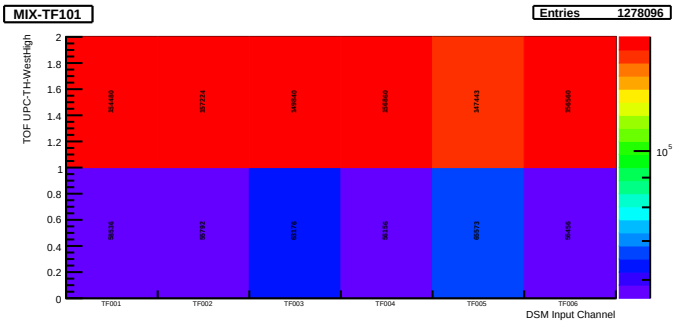

MIX-TF006
Entries 4473336
TOF MULT
TOF tray

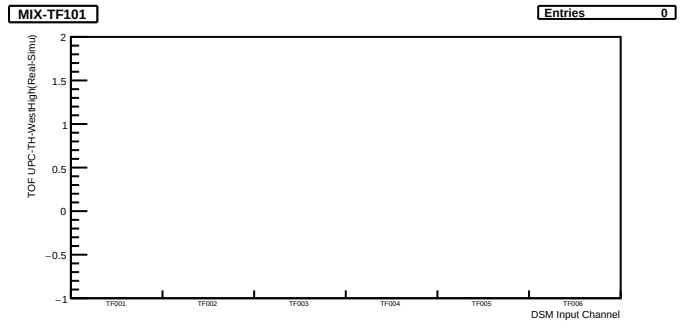

MIX-TF101
Entries 1278096
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

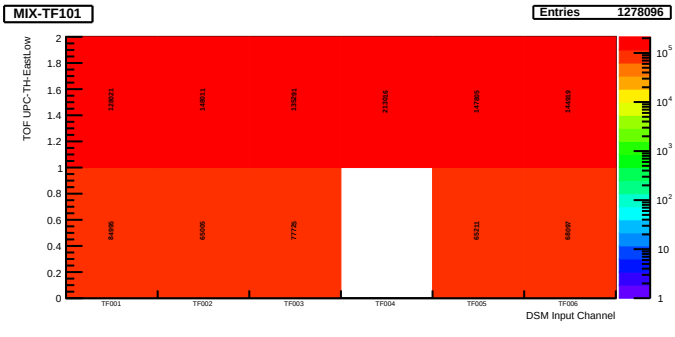

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

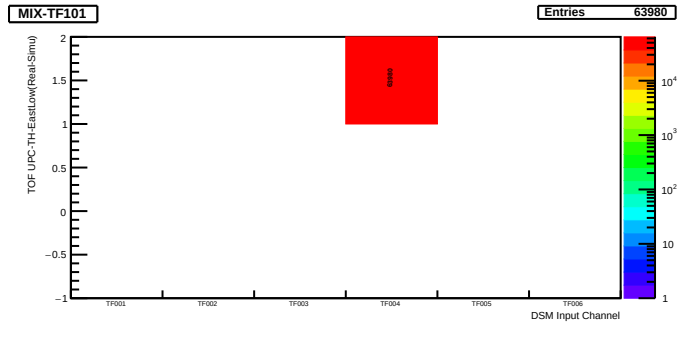

MIX-TF101
Entries 1278096
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

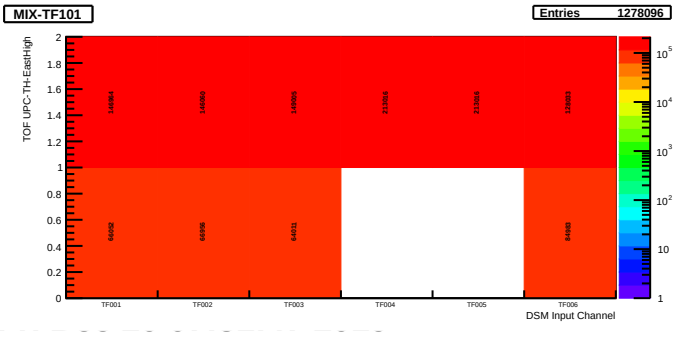

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

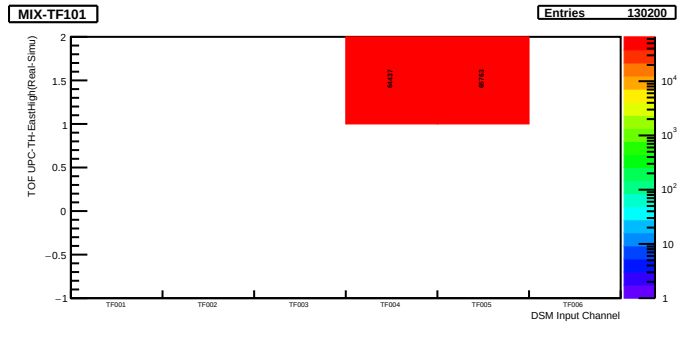

MIX-TF101
Entries 1278096
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

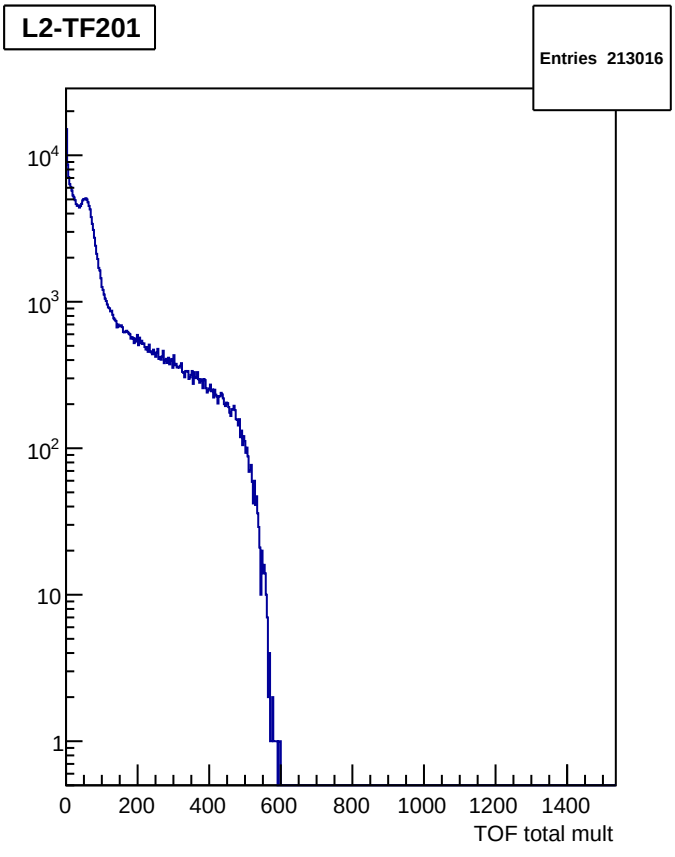

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

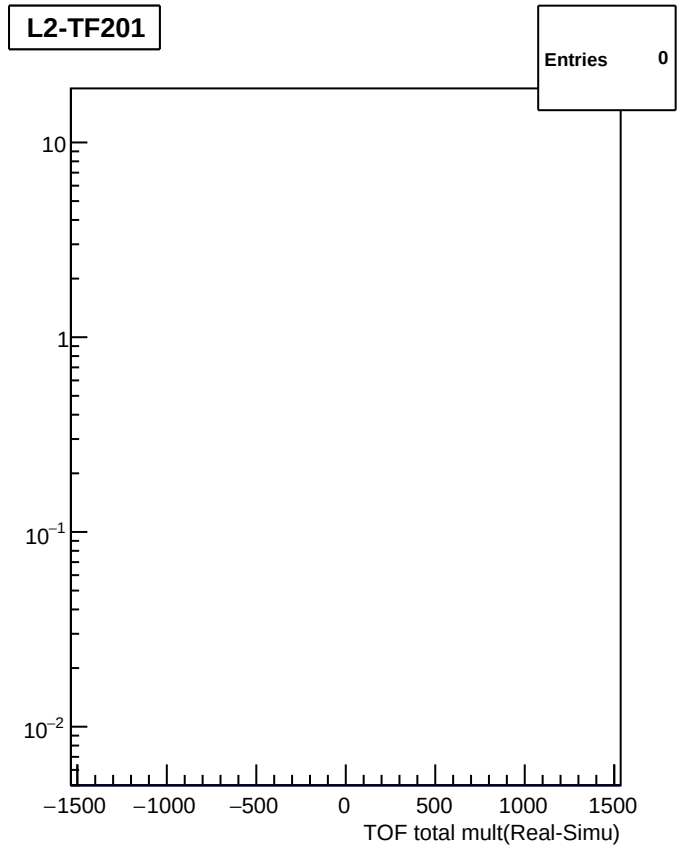

MIX-TF101
Entries 1278096
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

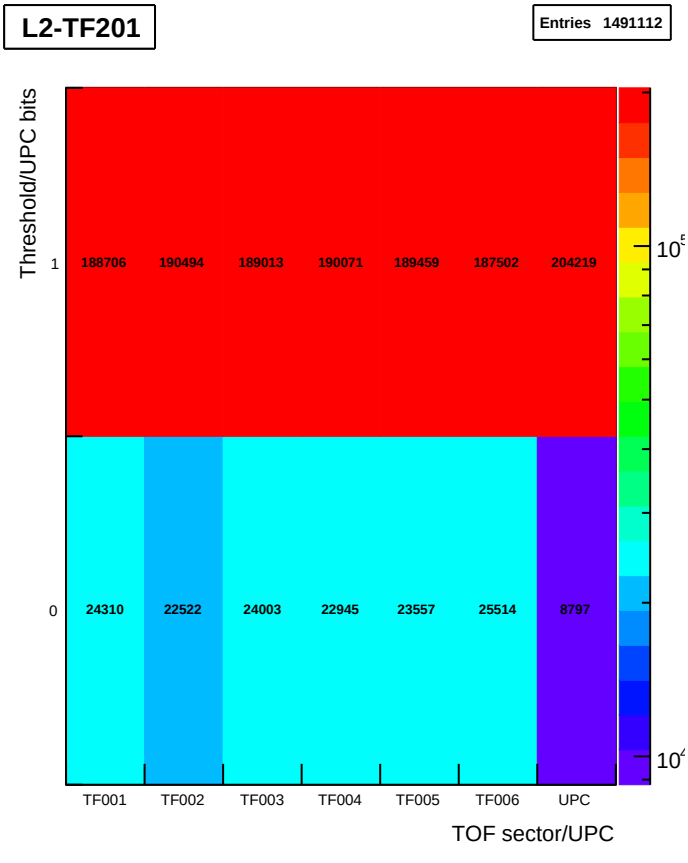

MIX-TF101
Entries 63980
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

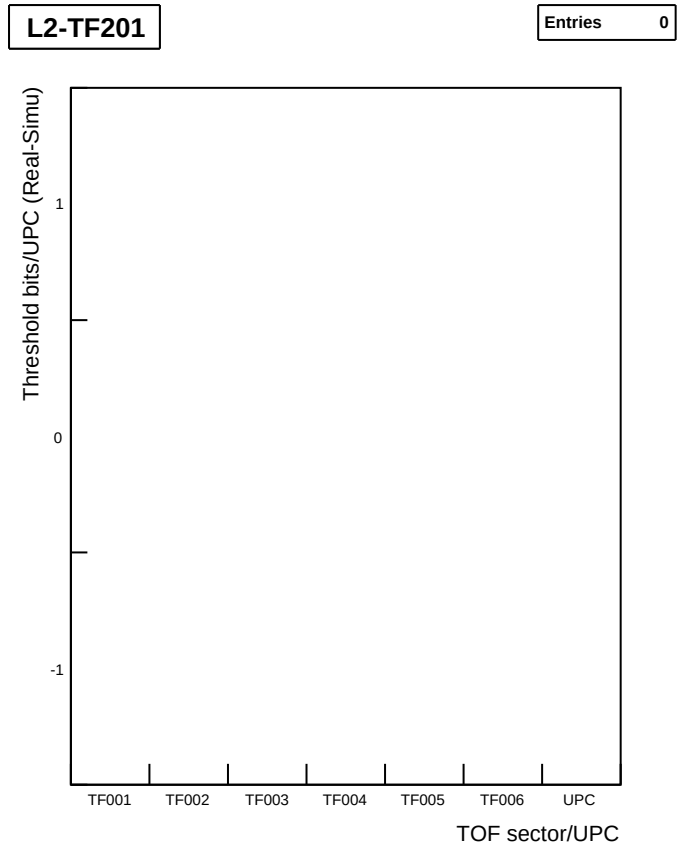

MIX-TF101
Entries 1278096
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

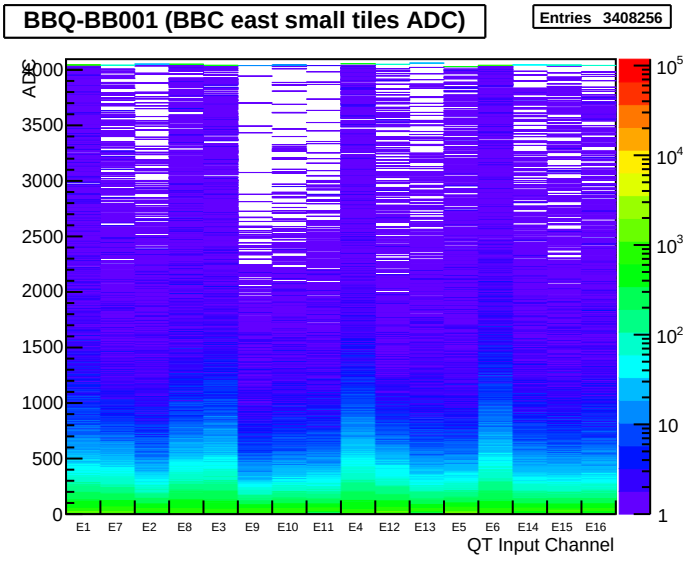

MIX-TF101
Entries 130200
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

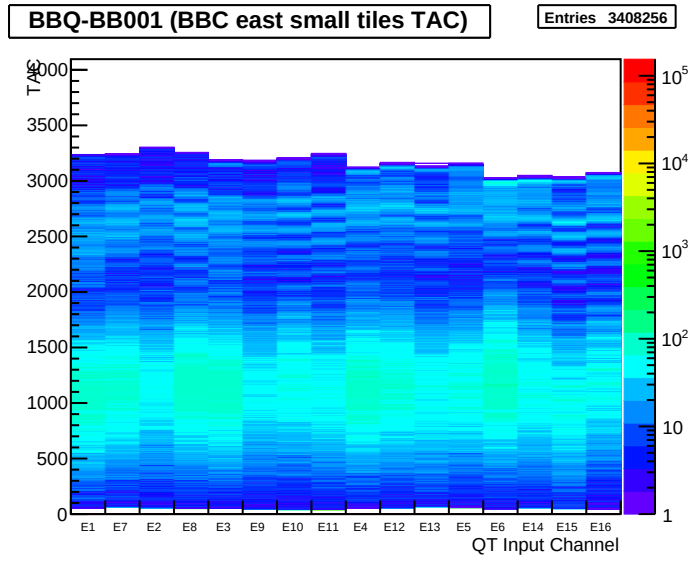

L2-TF201
Entries 213016
TOF total mult

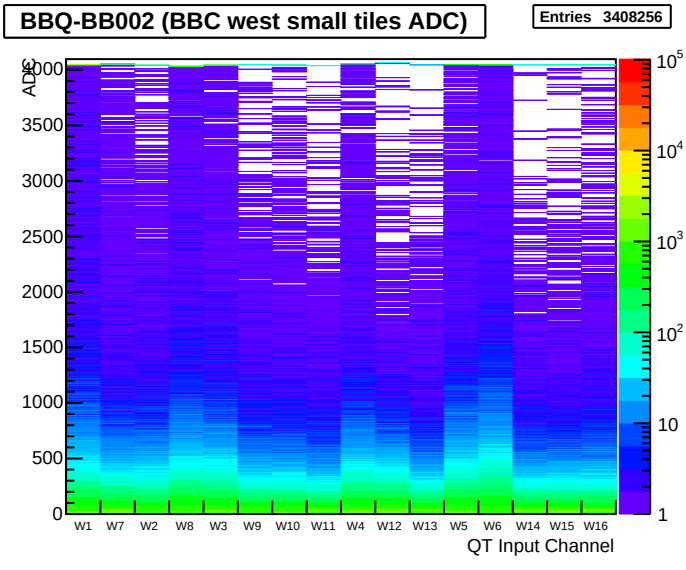

L2-TF201
Entries 0
TOF total mult(Real-Simu)

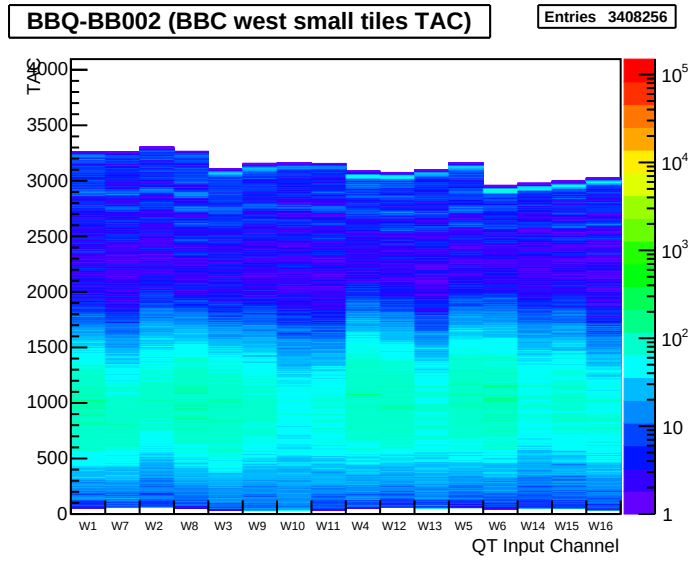

L2-TF201
Entries 1491112
Threshold/UPC bits
188706
190494
189013
190071
189459
187502
204219
24310
22522
24003
22945
23557
25514
8797
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

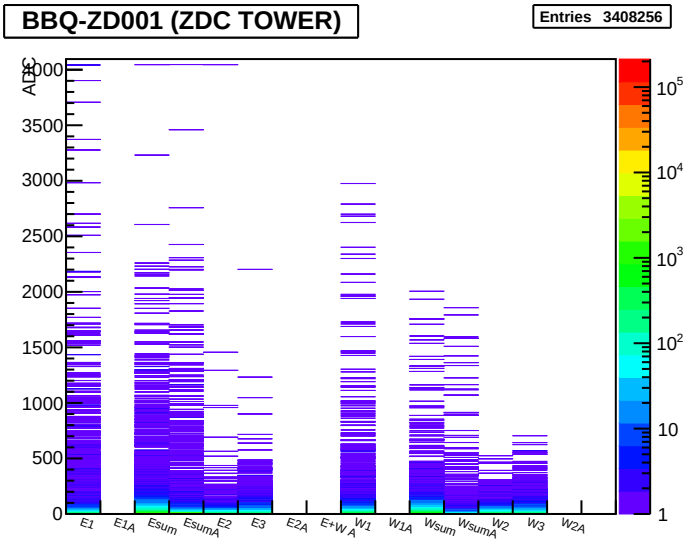

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

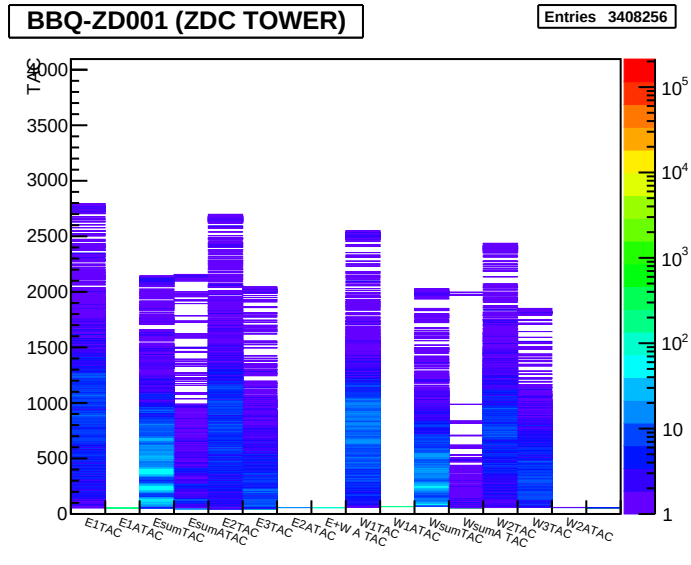

BBQ-BB001 (BBC east small tiles ADC)
Entries 3408256
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

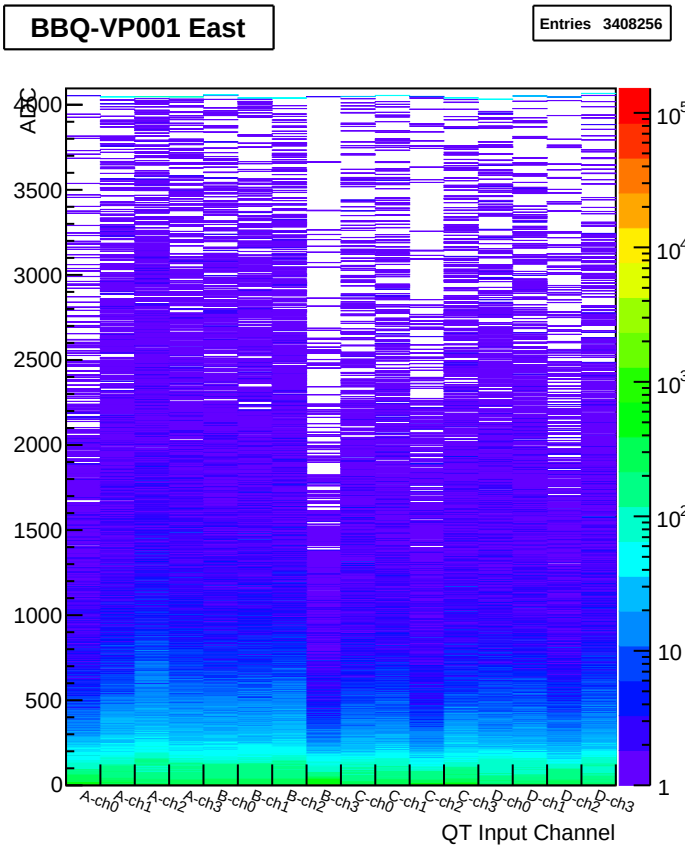

BBQ-BB001 (BBC east small tiles TAC)
Entries 3408256
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

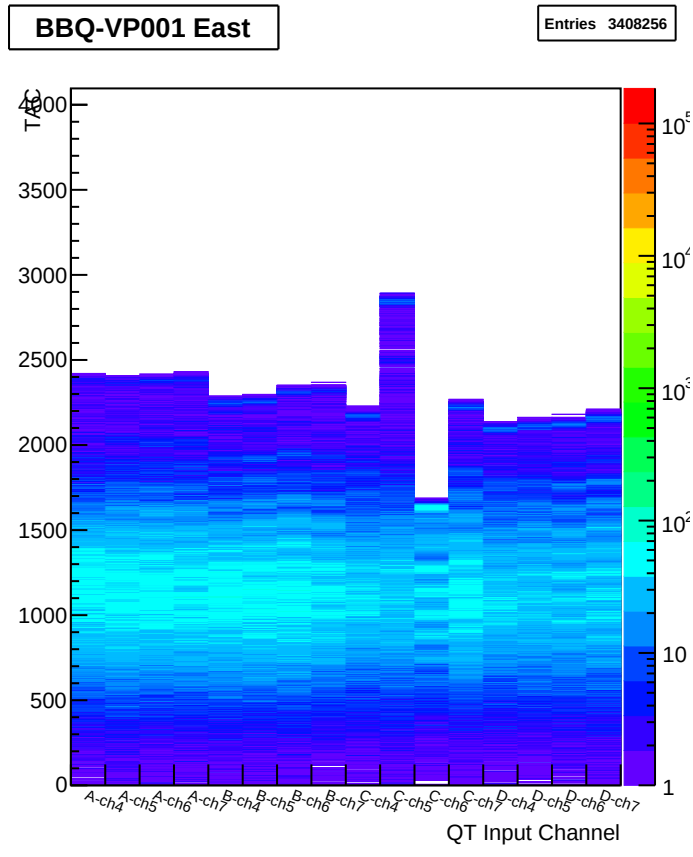

BBQ-BB002 (BBC west small tiles ADC)
Entries 3408256
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

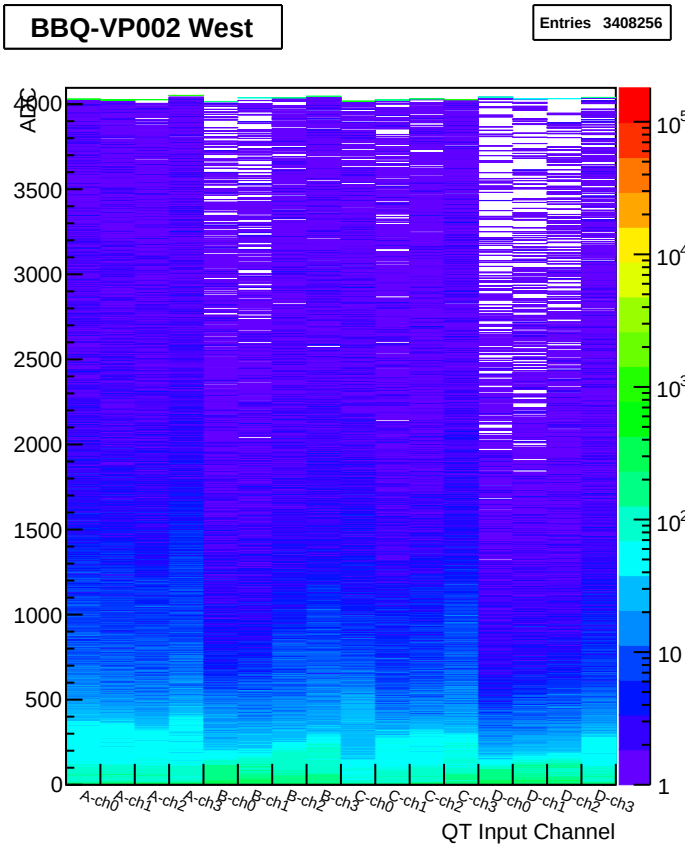

BBQ-BB002 (BBC west small tiles TAC)
Entries 3408256
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

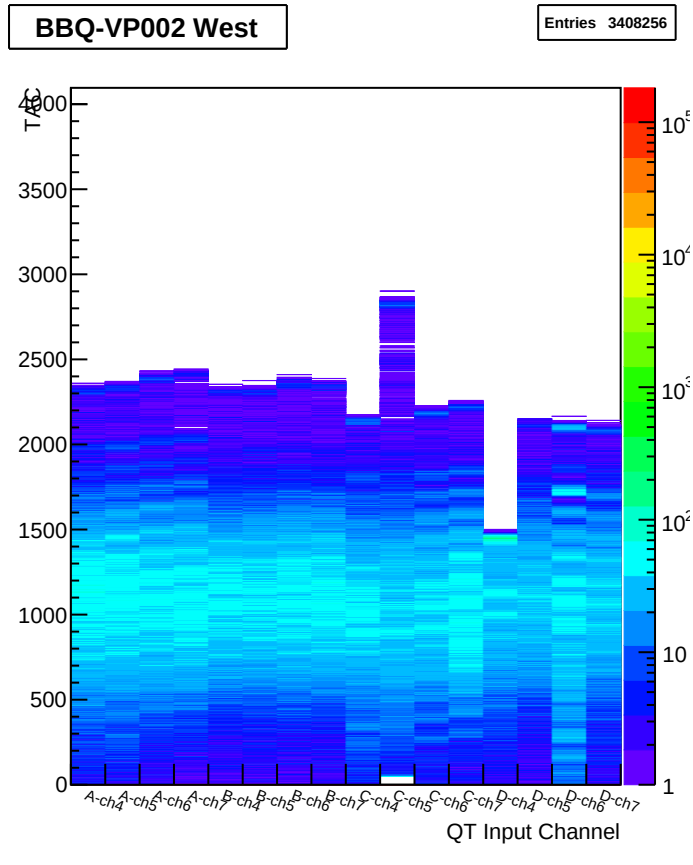

BBQ-ZD001 (ZDC TOWER)
Entries 3408256
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

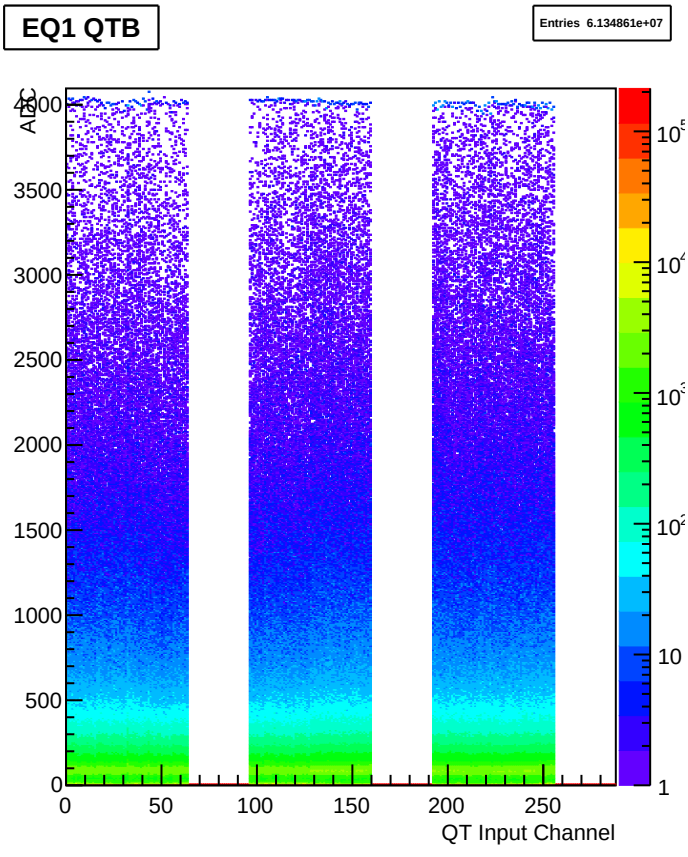

BBQ-ZD001 (ZDC TOWER)
Entries 3408256
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

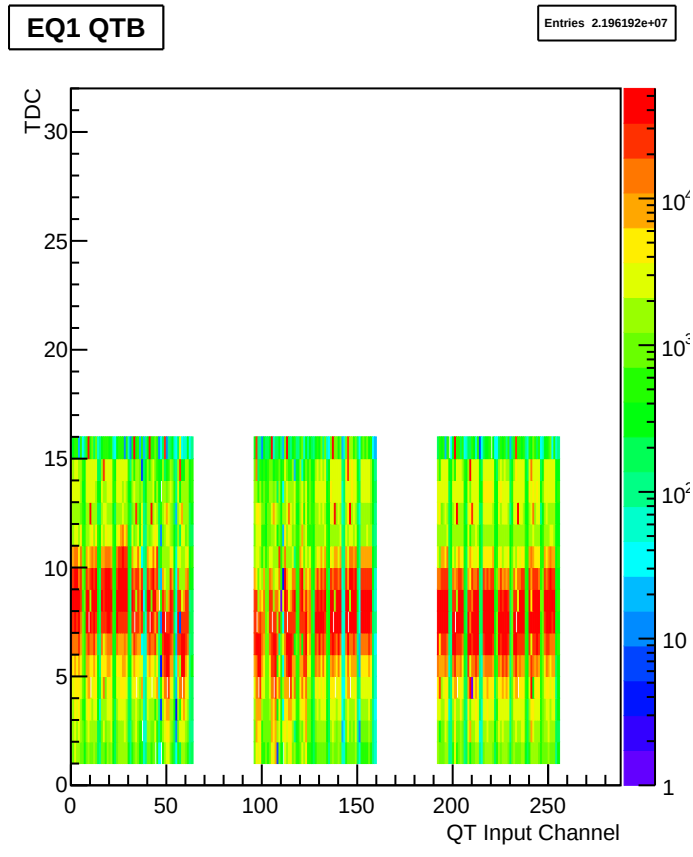

BBQ-VP001 East
Entries 3408256
ADC
QT Input Channel

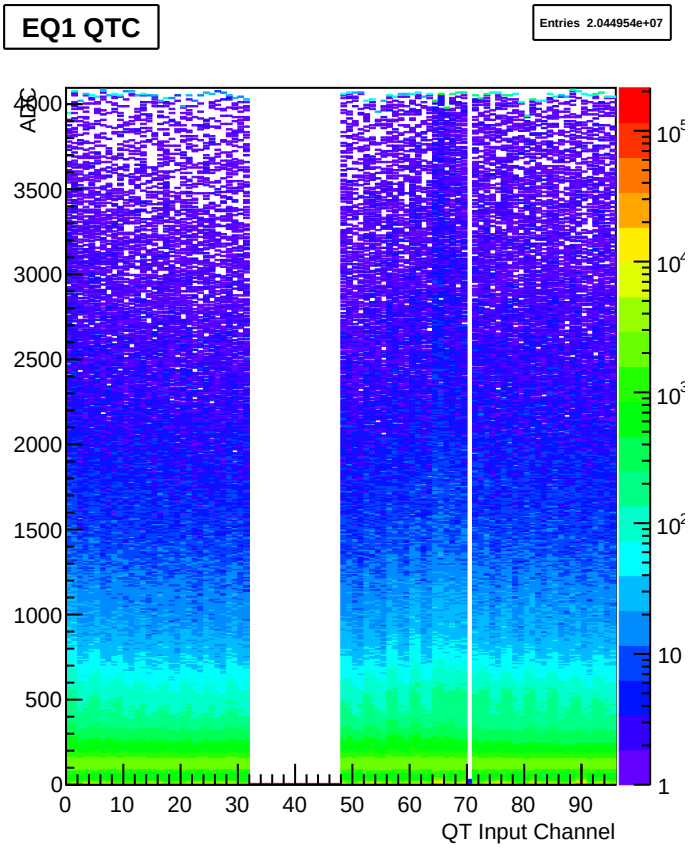

BBQ-VP001 East
Entries 3408256
TADC
QT Input Channel

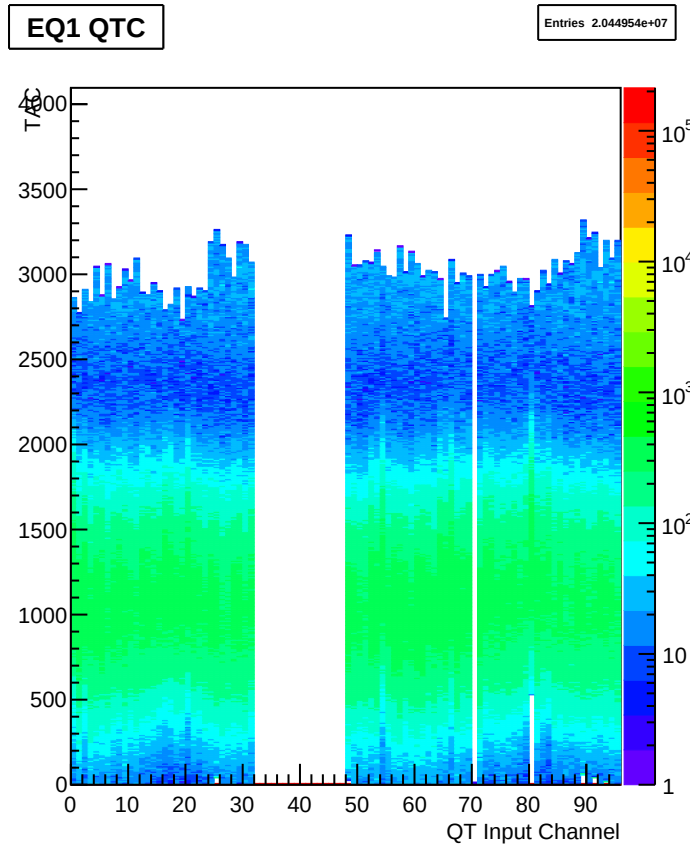

BBQ-VP002 West
Entries 3408256
ADC
QT Input Channel

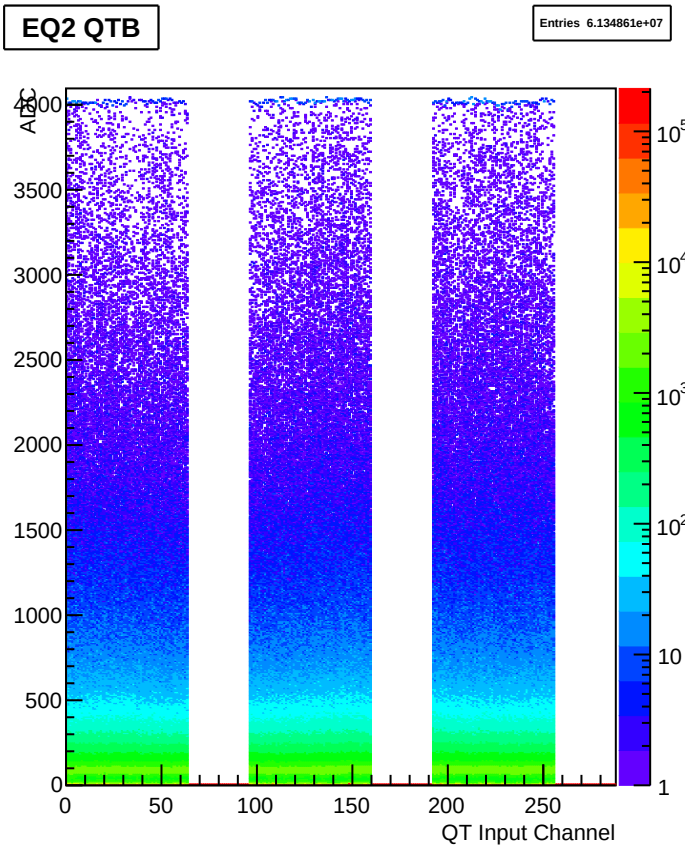

BBQ-VP002 West
Entries 3408256
TADC
QT Input Channel

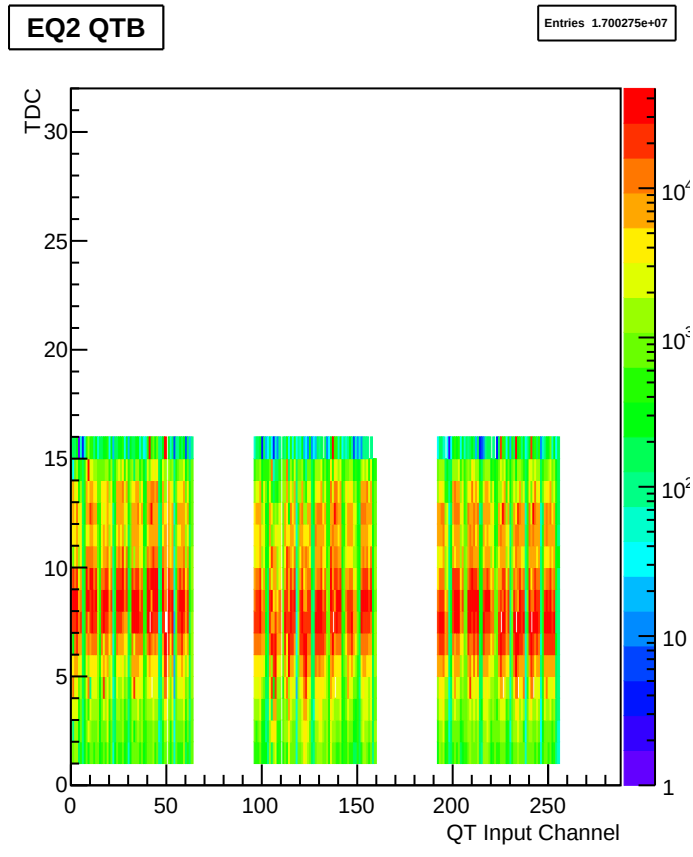

EQ1 QTB
Entries 6.134861e+07
ADC
QT Input Channel

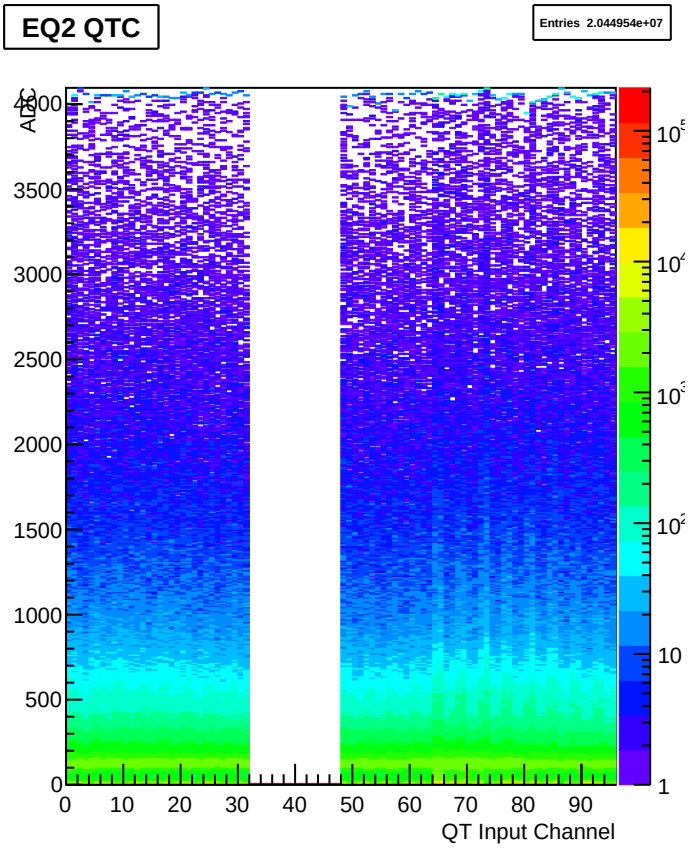

EQ1 QTB
Entries 2.196192e+07
TDC
QT Input Channel

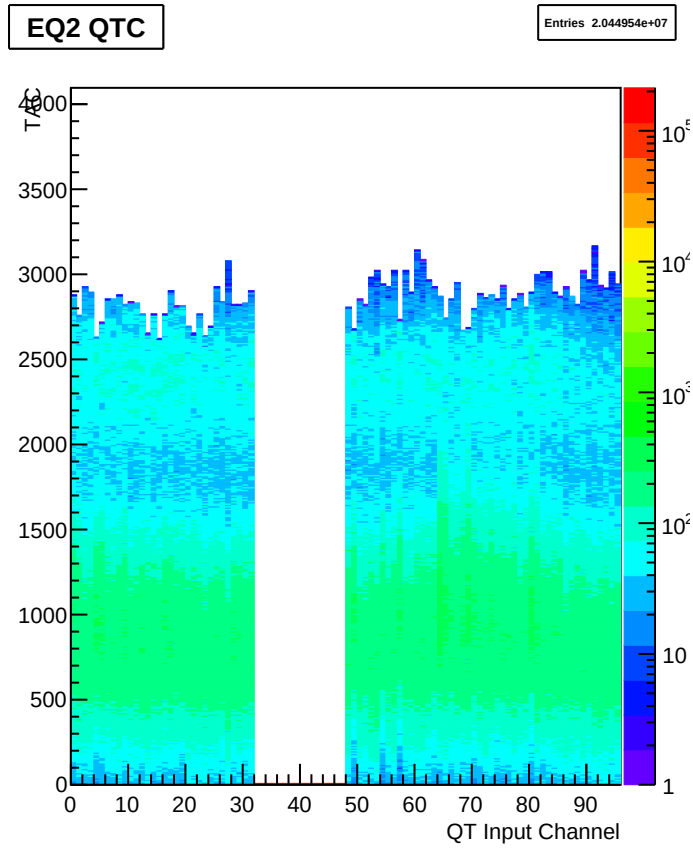

EQ1 QTC
Entries 2.044954e+07
ADC
QT Input Channel

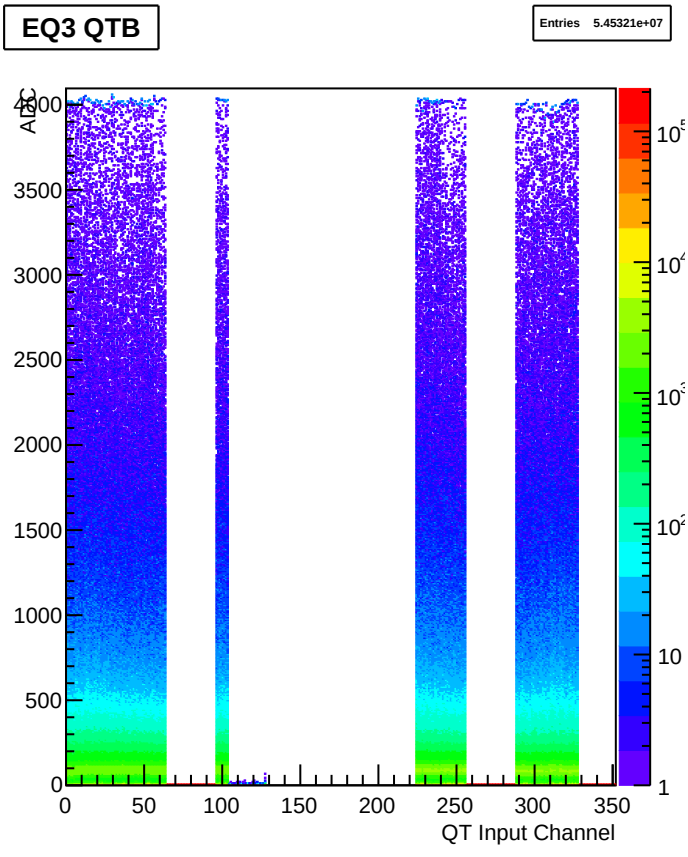

EQ1 QTC
Entries 2.044954e+07
TADC
QT Input Channel

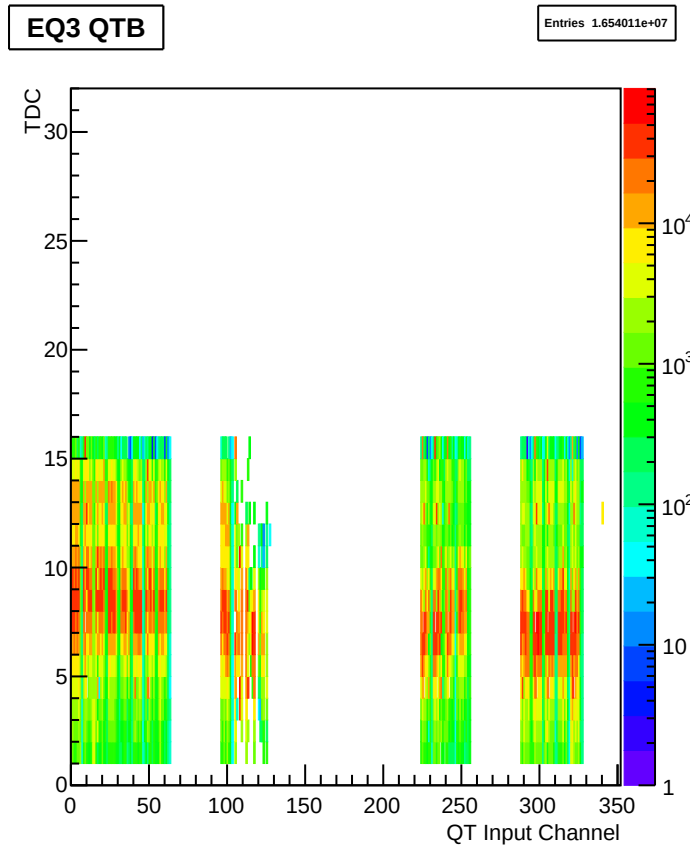

EQ2 QTB
Entries 6.134861e+07
ADC
QT Input Channel

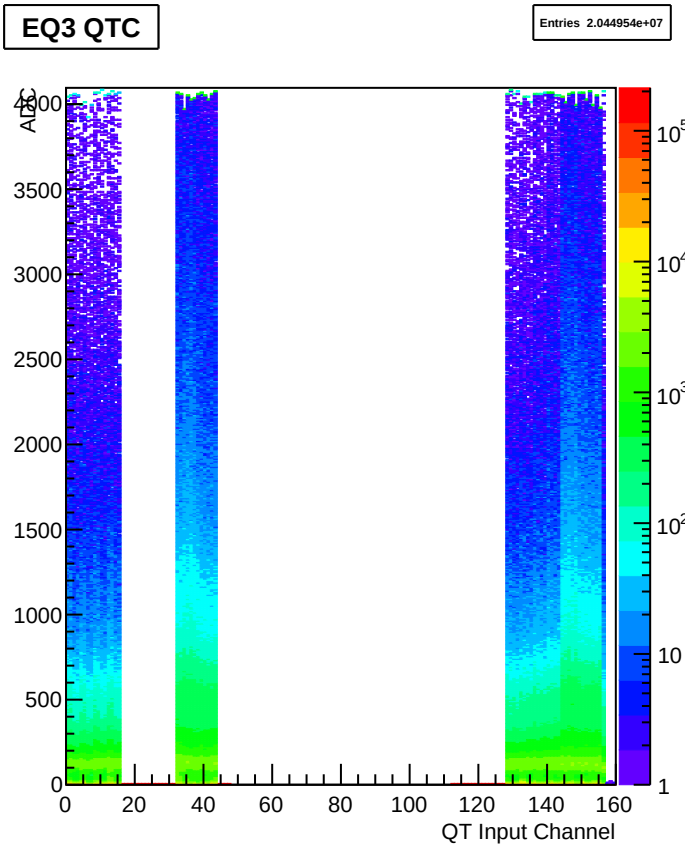

EQ2 QTB
Entries 1.700275e+07
TDC
QT Input Channel

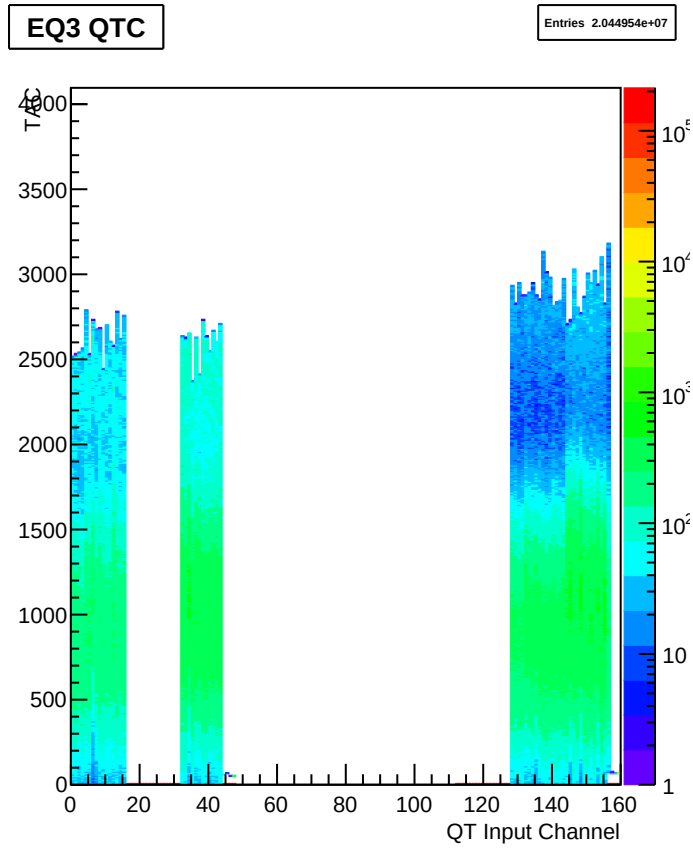

EQ2 QTC
Entries 2.044954e+07
ADC
QT Input Channel

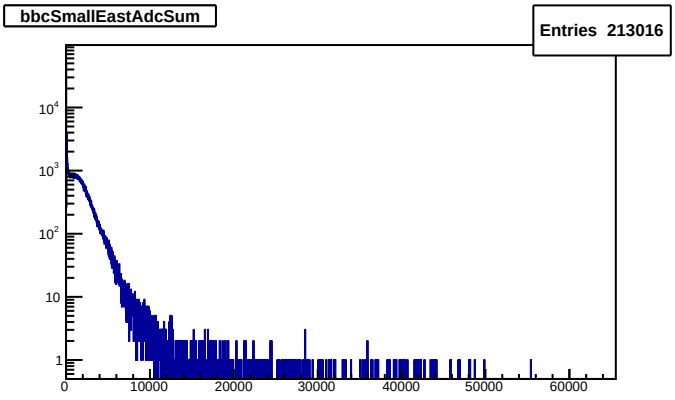

EQ2 QTC
Entries 2.044954e+07
TADC
QT Input Channel

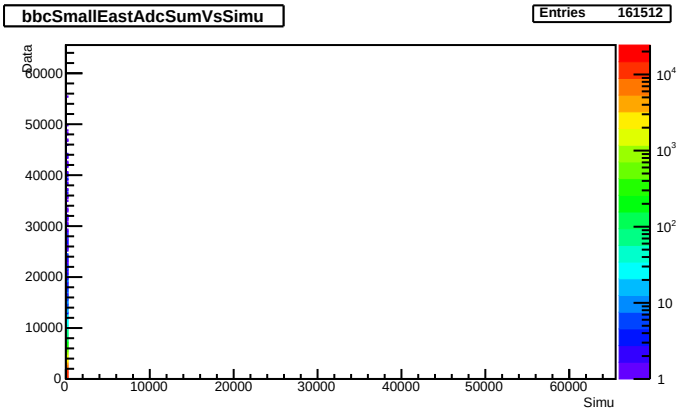

EQ3 QTB
Entries 5.45321e+07
ADC
QT Input Channel

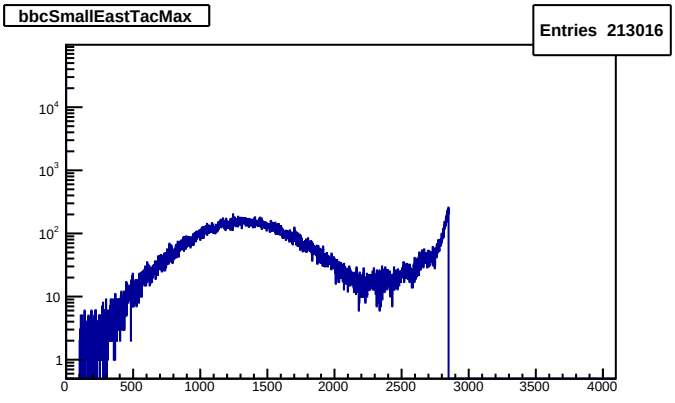

EQ3 QTB
Entries 1.654011e+07
TDC
QT Input Channel

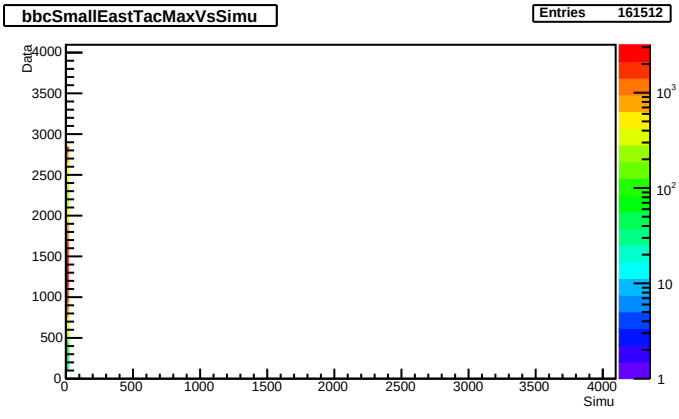

EQ3 QTC
Entries 2.044954e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.044954e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 213016


bbcSmallEastAdcSumVsSimu
Entries 161512
Data
Simu


bbcSmallEastTacMax
Entries 213016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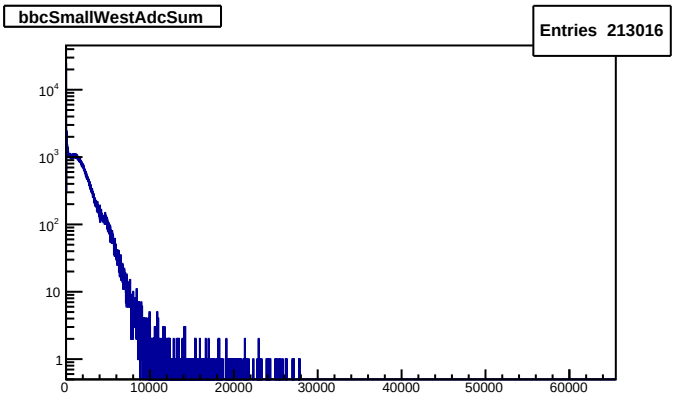
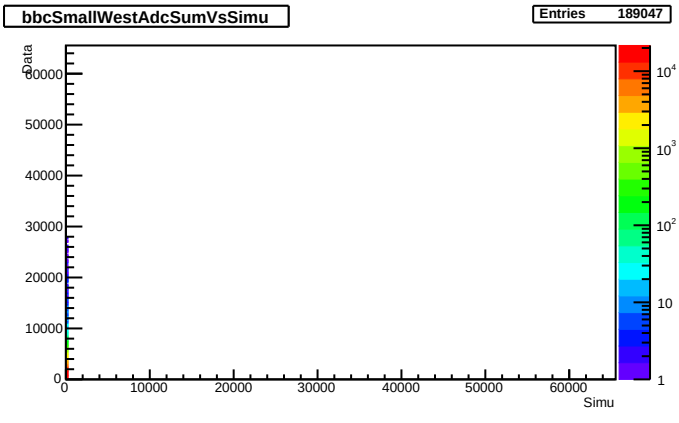
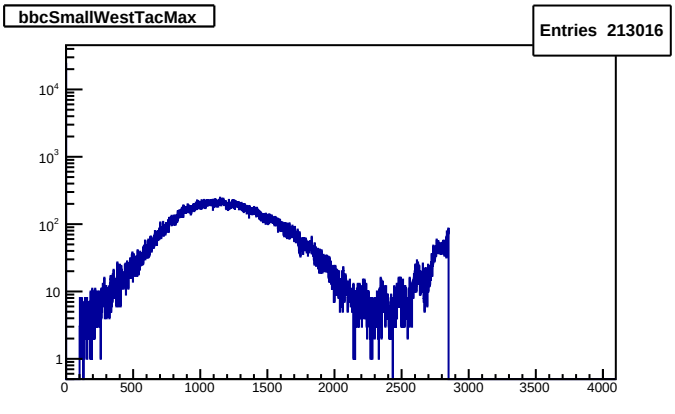
Entries 161512
Data
Simu


bbcSmallWestAdcSum
Entries 213016


bbcSmallWestAdcSumVsSimu
Entries 189047
Data
Simu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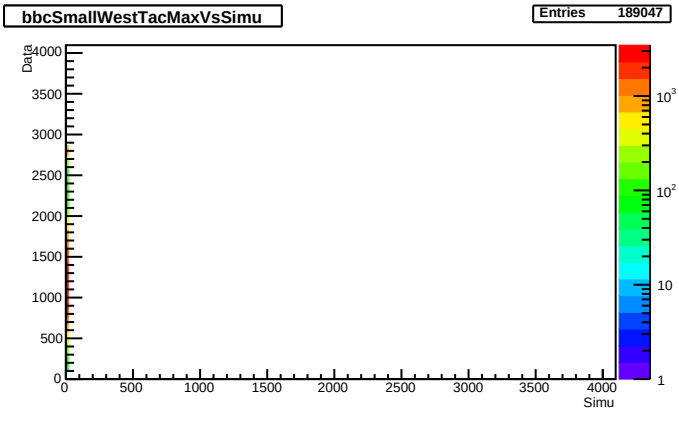
Entries 213016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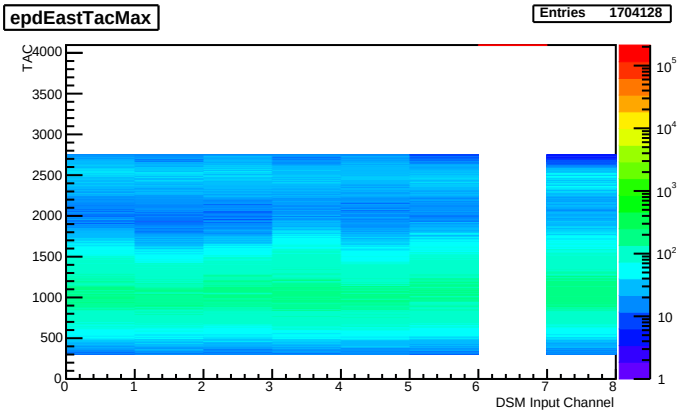
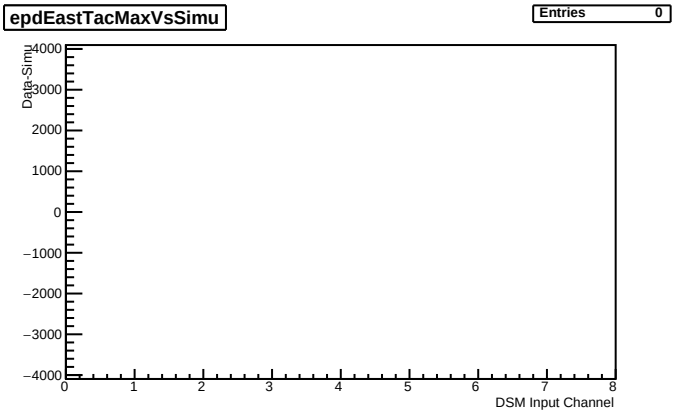
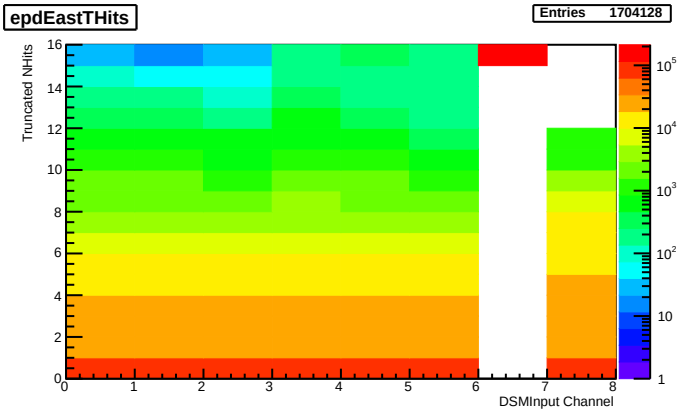
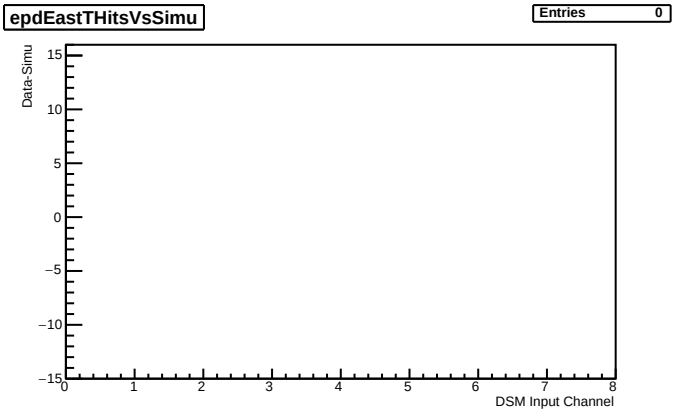
Entries 189047
Data
Simu


epdEastTacMax
Entries 1704128
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1704128
Truncated NHits
DSMInput Channel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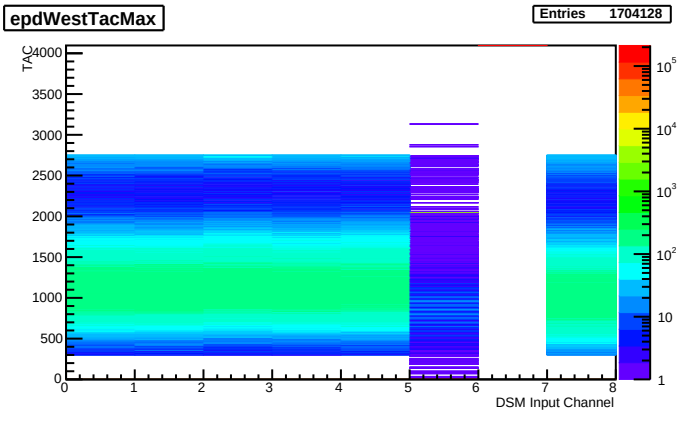
Data-Simu
DSM Input Channel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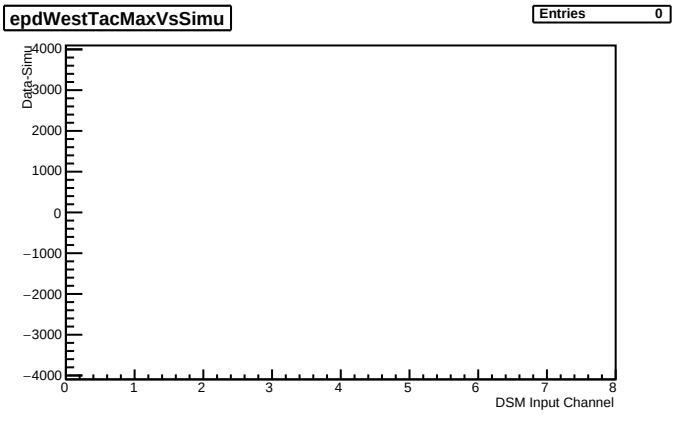
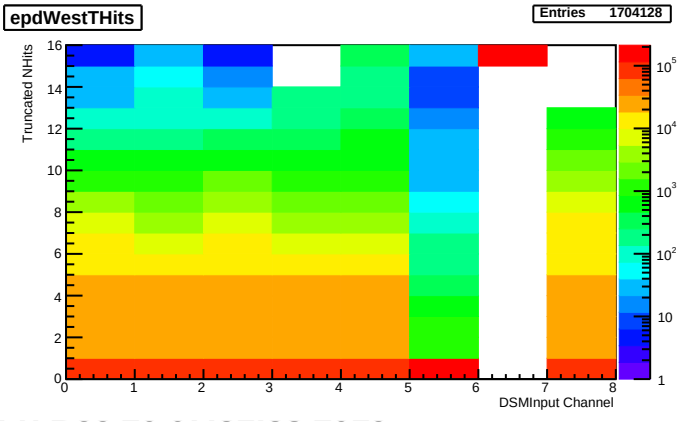
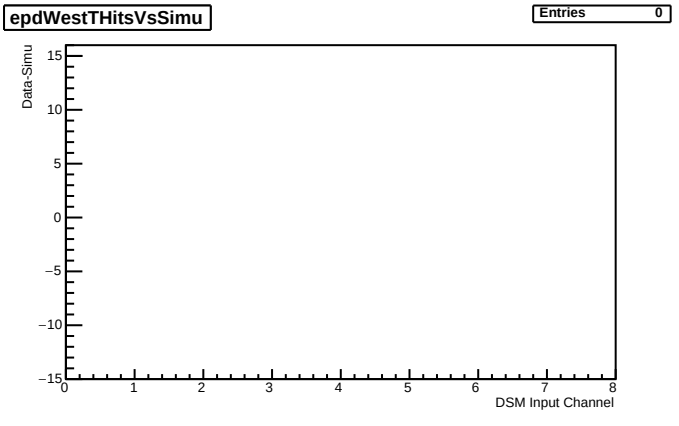
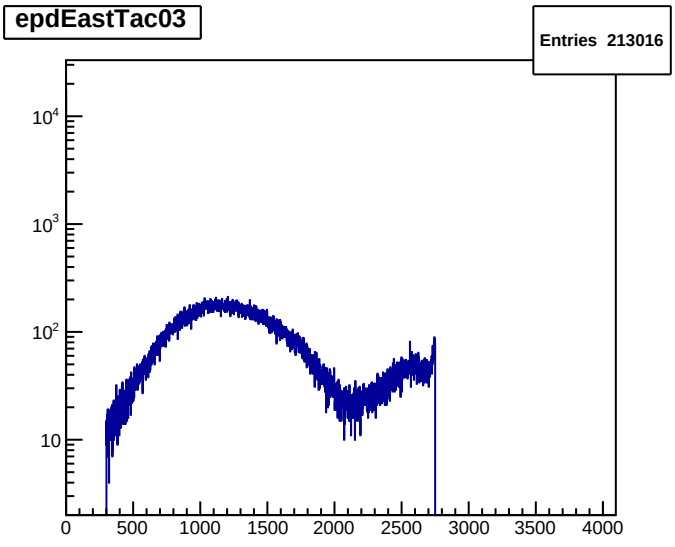
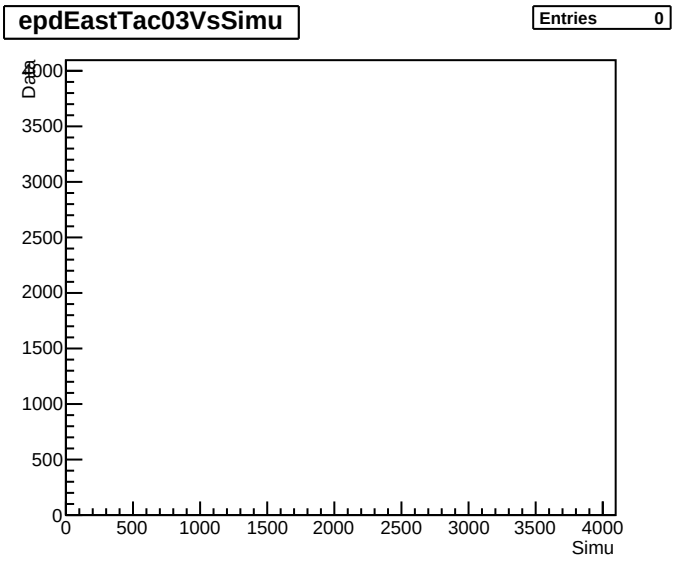
Entries 1704128
TAC
DSM Input Channel

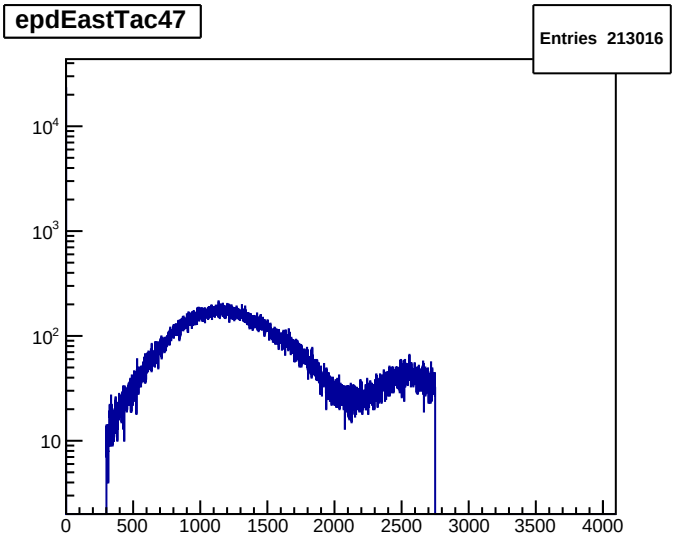

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

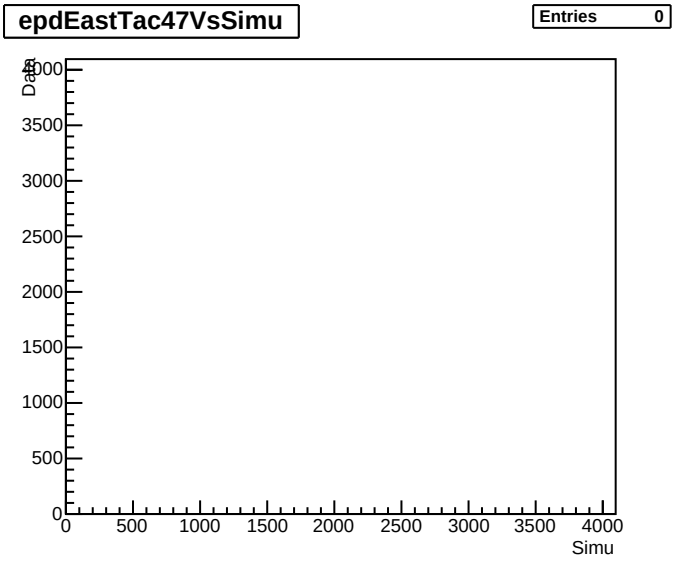

epdWestTHits
Entries 1704128
Truncated NHits
DSMInput Channel

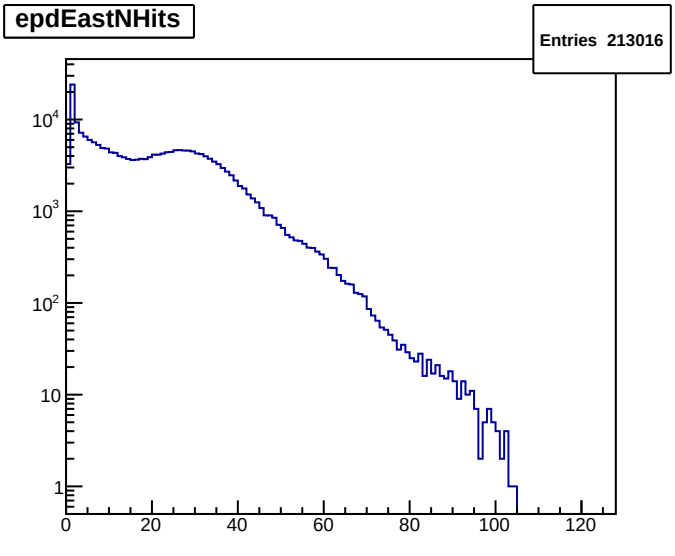

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

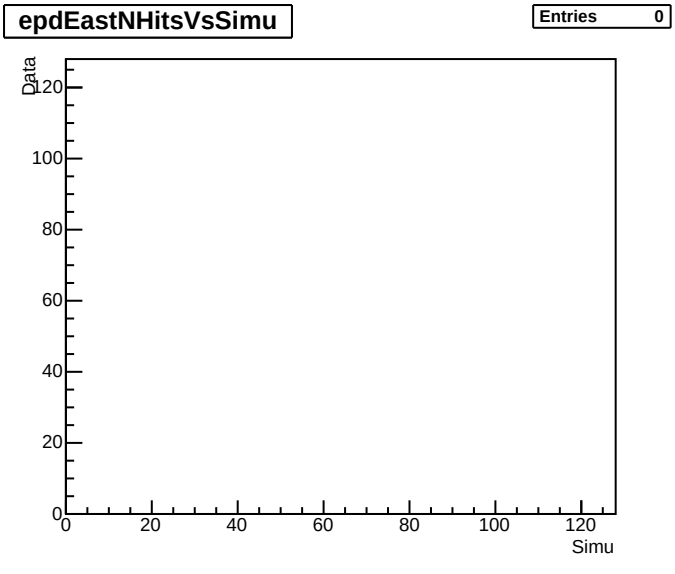

epdEastTac03
Entries 213016
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

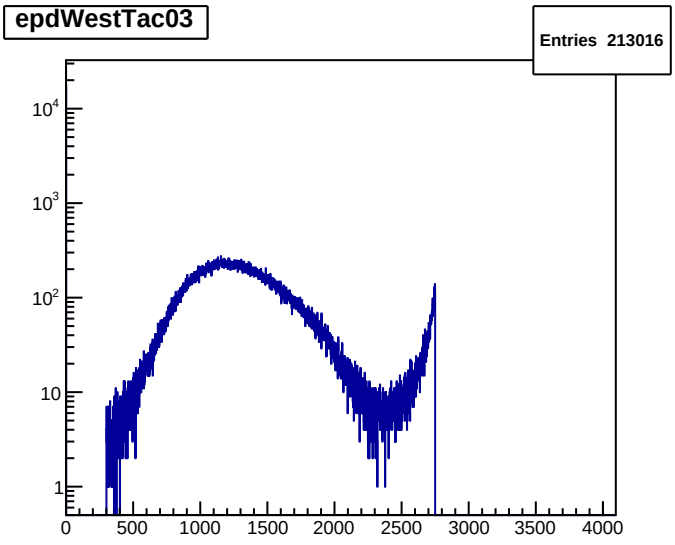

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

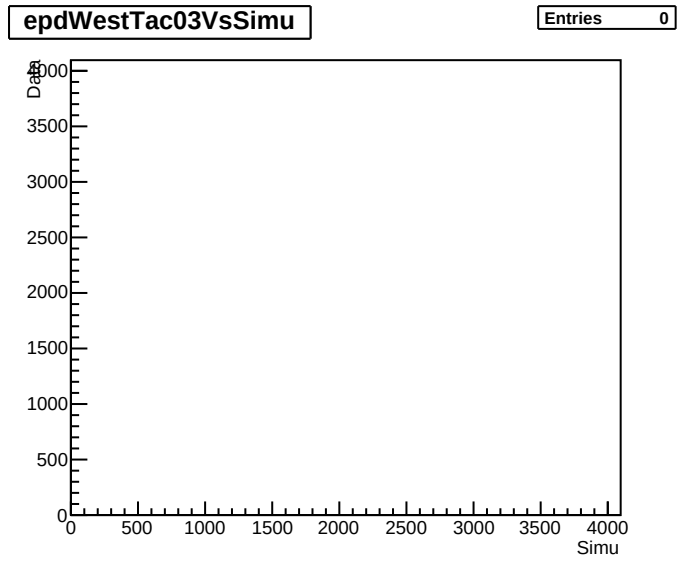

epdEastTac47
Entries 213016
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 213016
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120


epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 213016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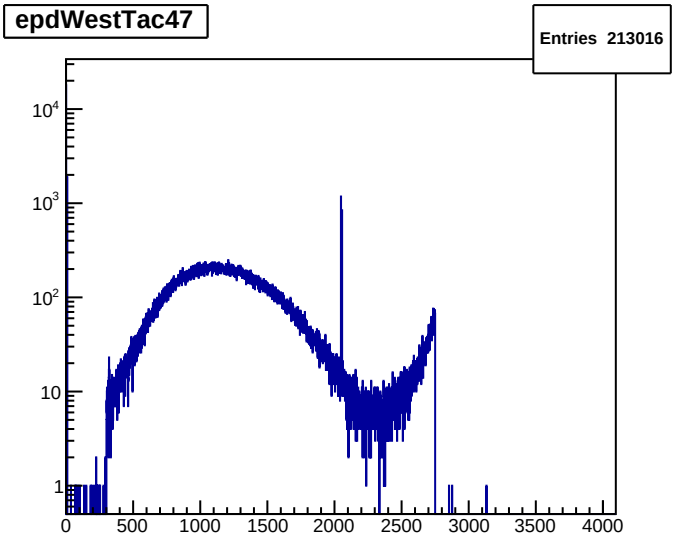
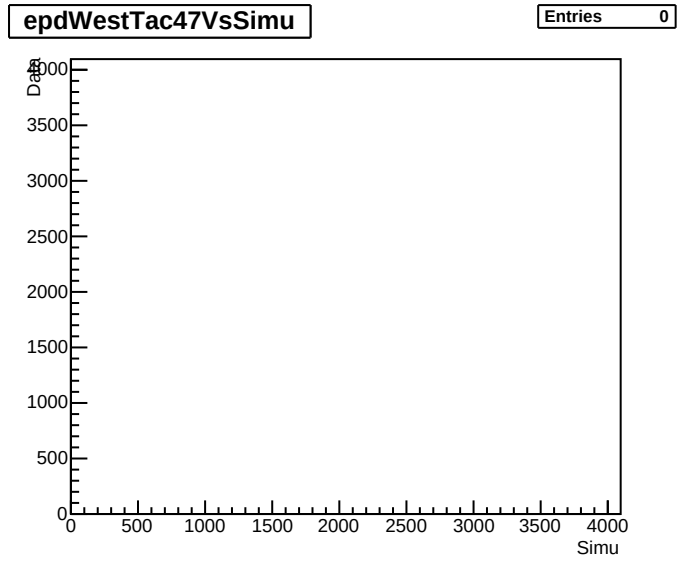
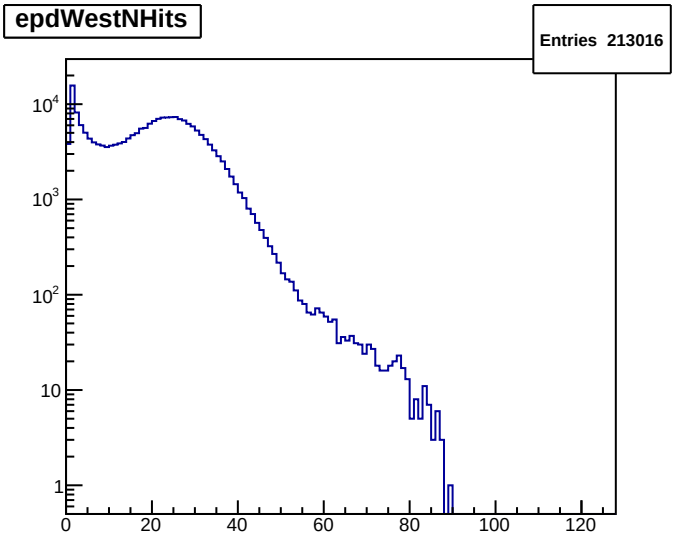
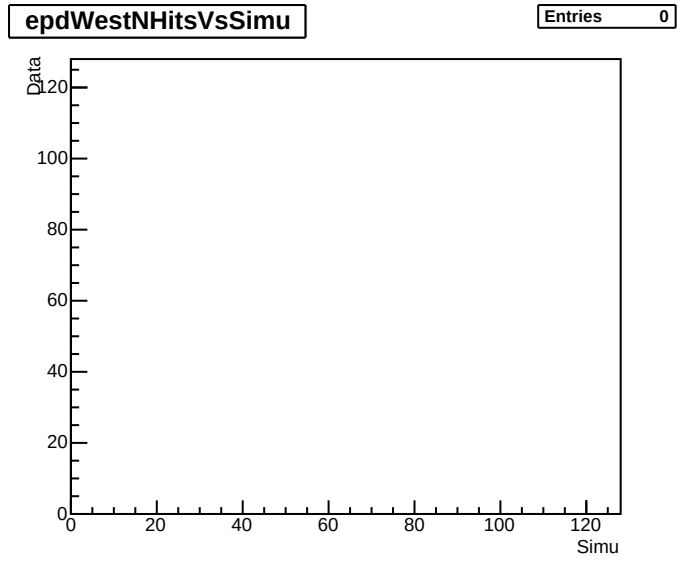
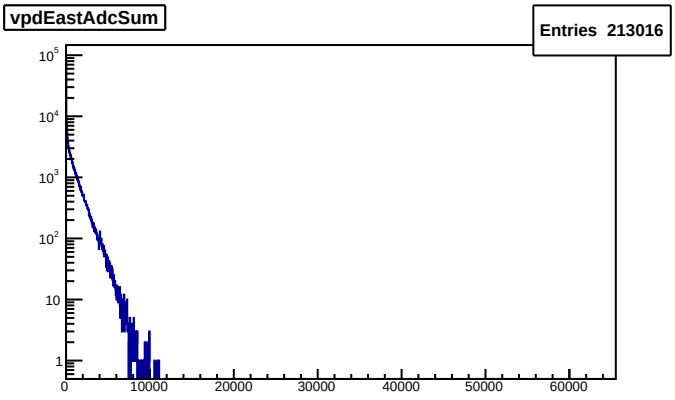
Entries 0
Data
Simu

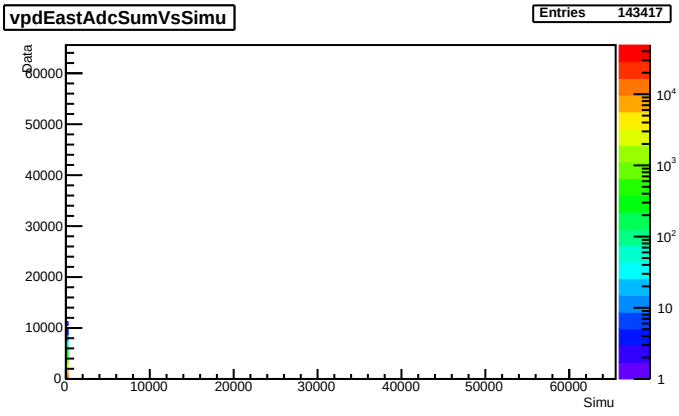

epdWestTac47
Entries 213016

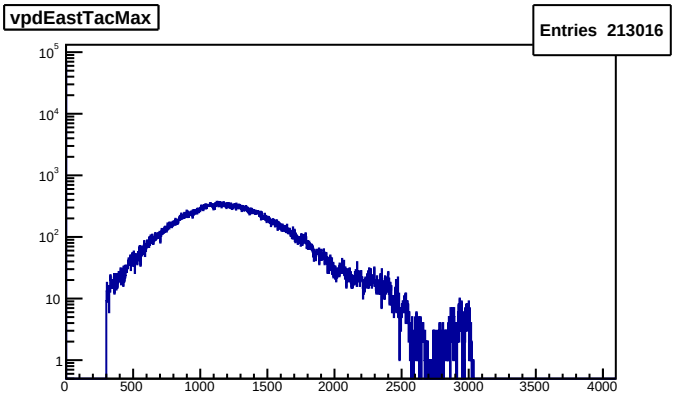

epdWestTac47VsSimu
Entries 0
Data
Simu

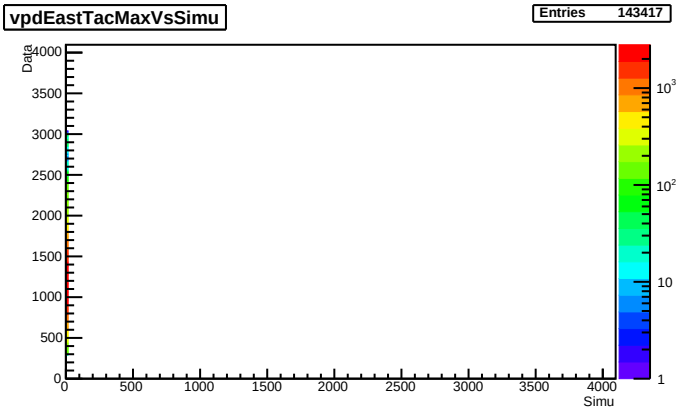

epdWestNHits
Entries 213016

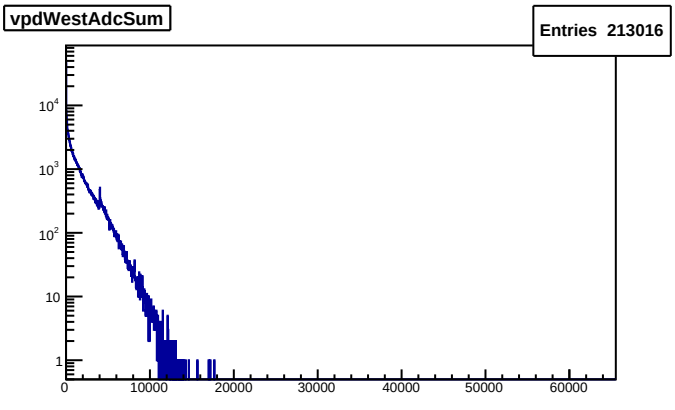

epdWestNHitsVsSimu
Entries 0
Data
Simu

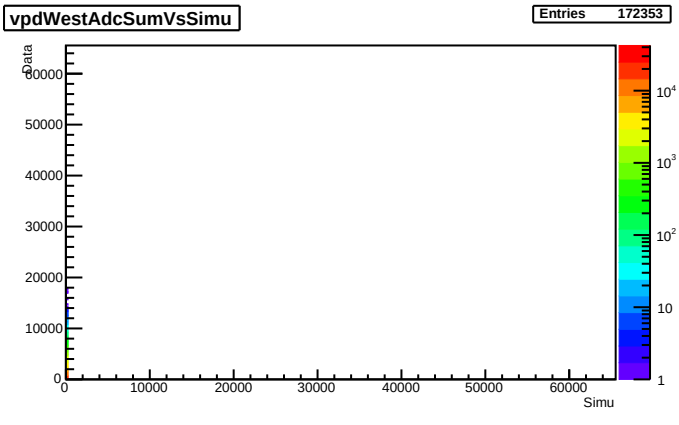

vpdEastAdcSum
Entries 213016

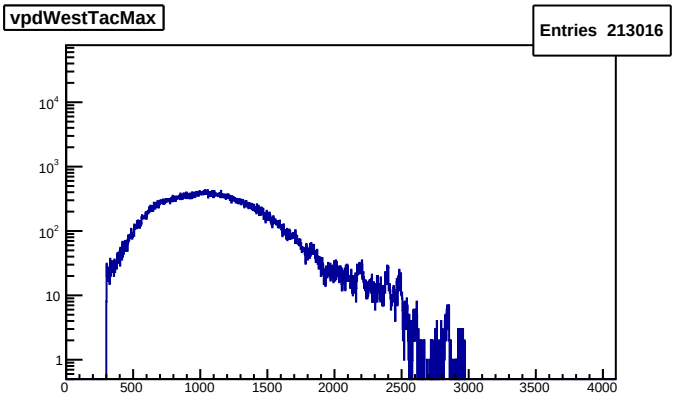

vpdEastAdcSumVsSimu
Entries 143417
Data
Simu

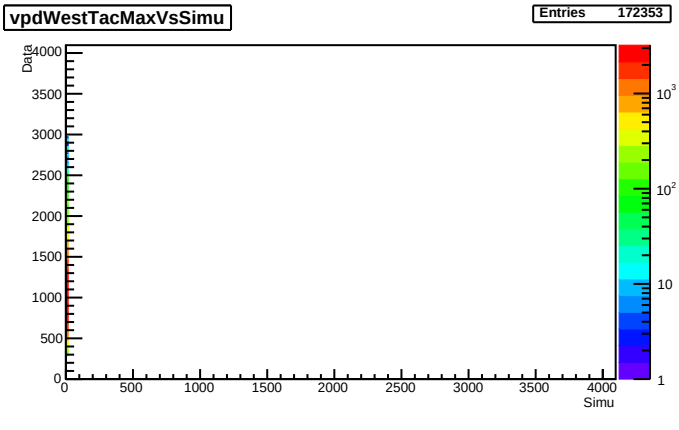

vpdEastTacMax
Entries 213016

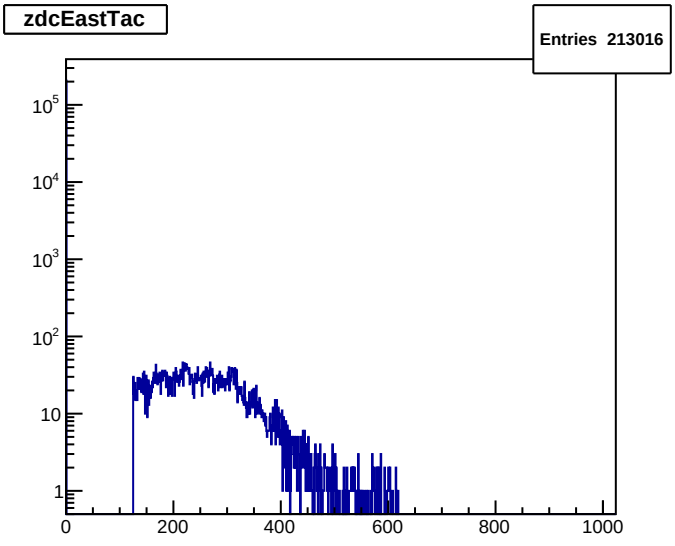

vpdEastTacMaxVsSimu
Entries 143417
Data
Simu

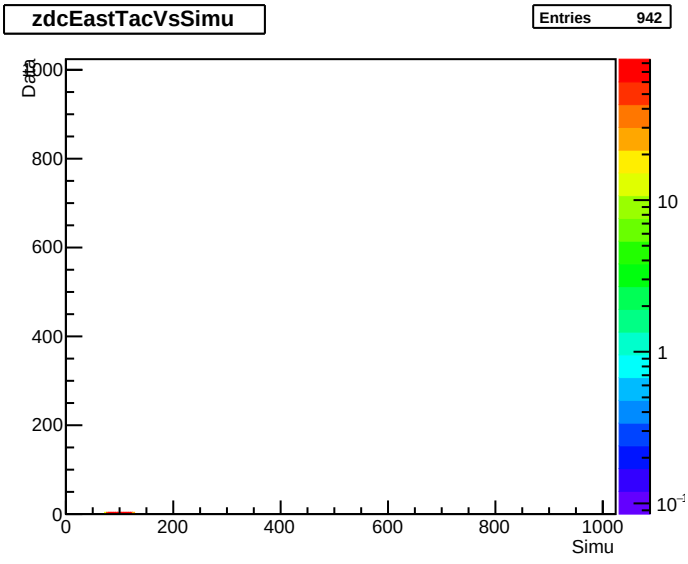

vpdWestAdcSum
Entries 213016

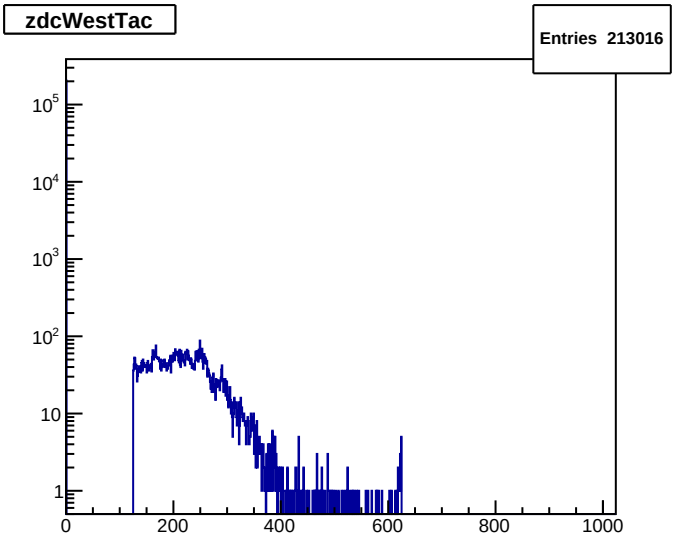

vpdWestAdcSumVsSimu
Entries 172353
Data
Simu

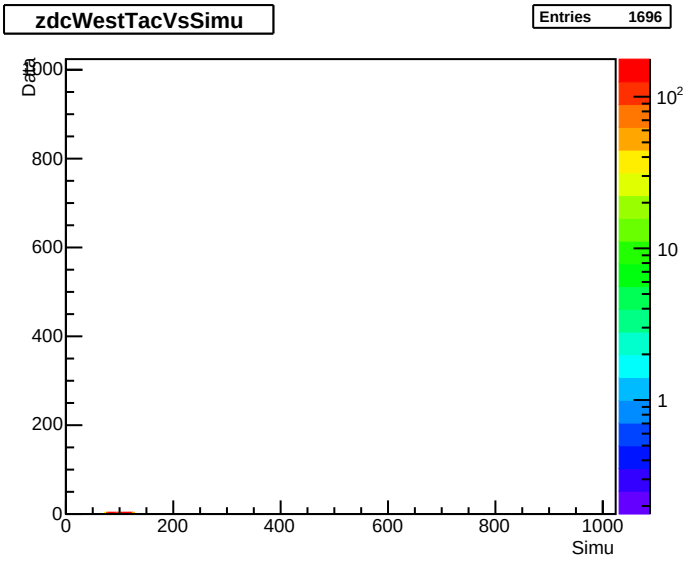

vpdWestTacMax
Entries 213016

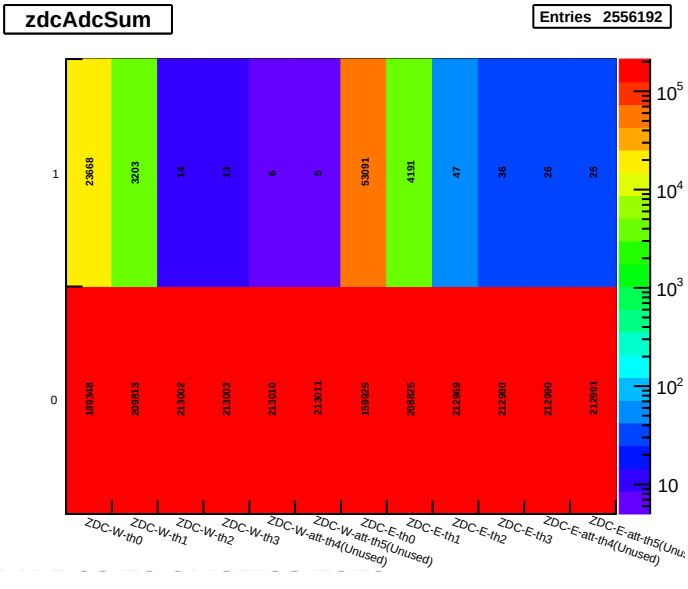

vpdWestTacMaxVsSimu
Entries 172353
Data
Simu

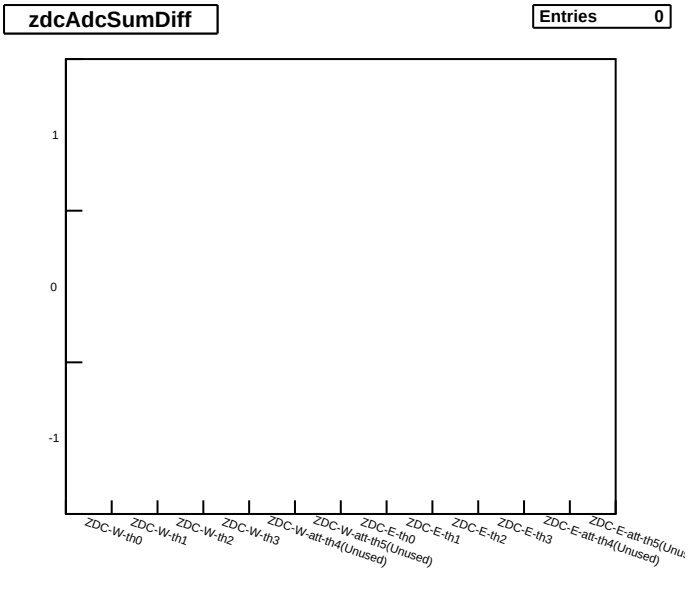

zdcEastTac
Entries 213016

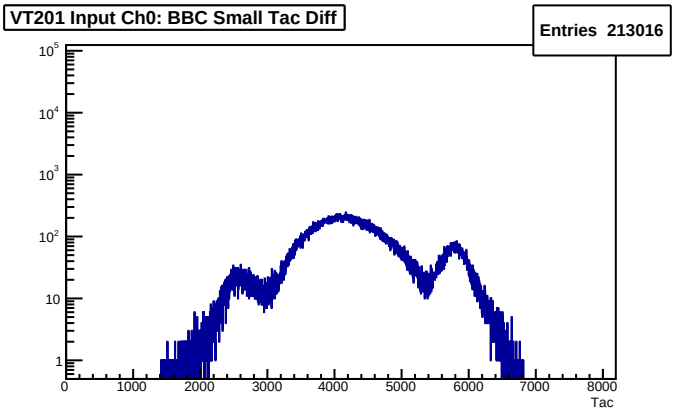

zdcEastTacVsSimu
Entries 942
Data
Simu

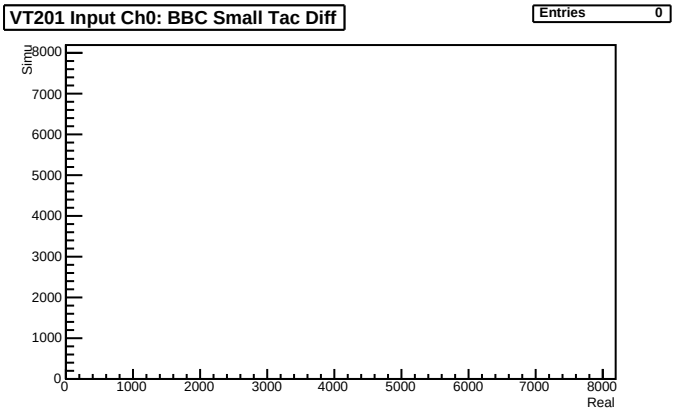

zdcWestTac
Entries 213016

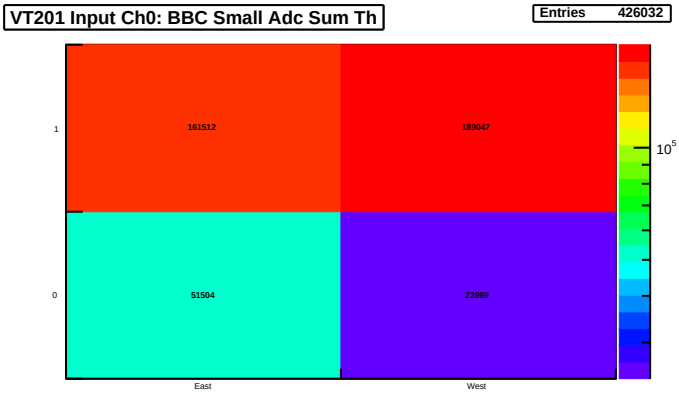

zdcWestTacVsSimu
Entries 1696
Data
Simu

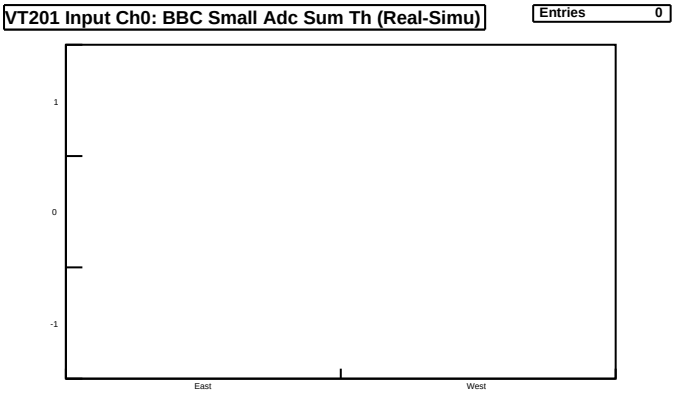

zdcAdcSum
Entries 2556192
23668
3203
14
13
6
5
53091
4191
47
36
26
25
189348
209813
213002
213003
213010
213011
159825
208825
212969
212980
212990
212991
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

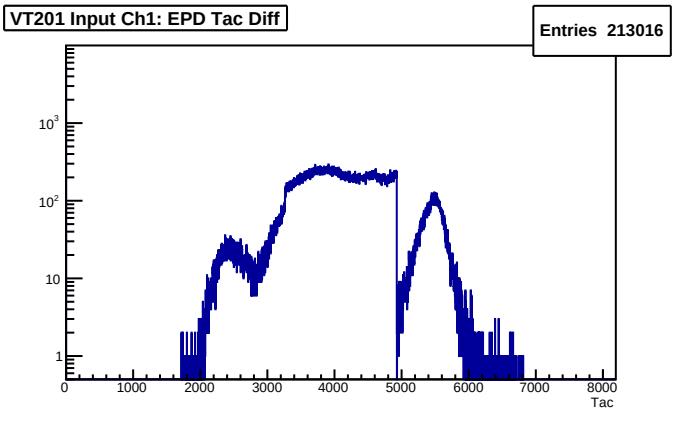

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

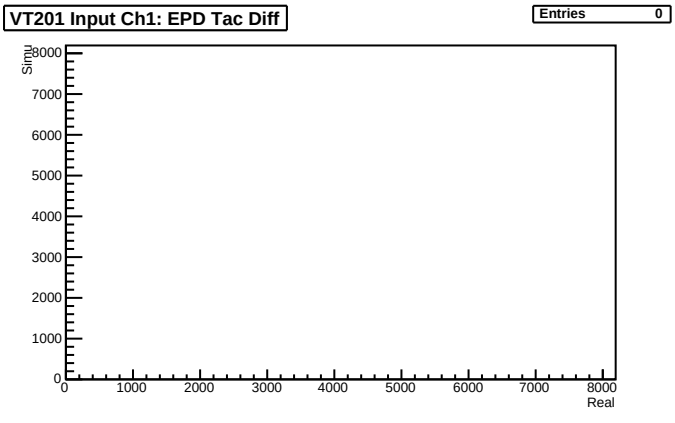

VT201 Input Ch0: BBC Small Tac Diff
Entries 213016
Tac

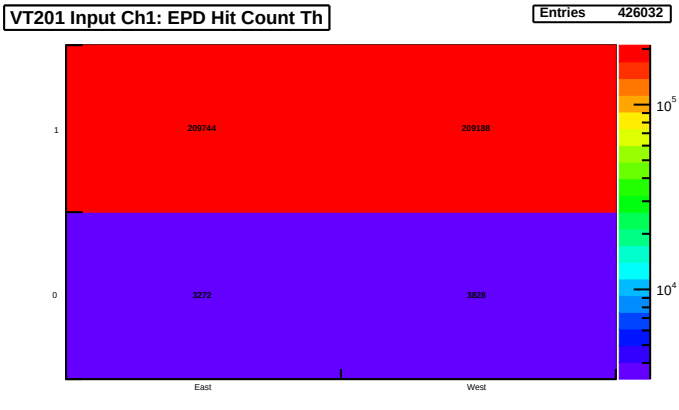

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

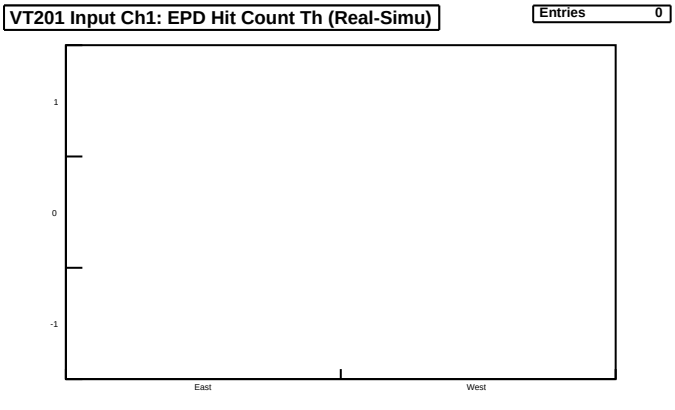

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 426032
161512
189047
51504
23969
East
West

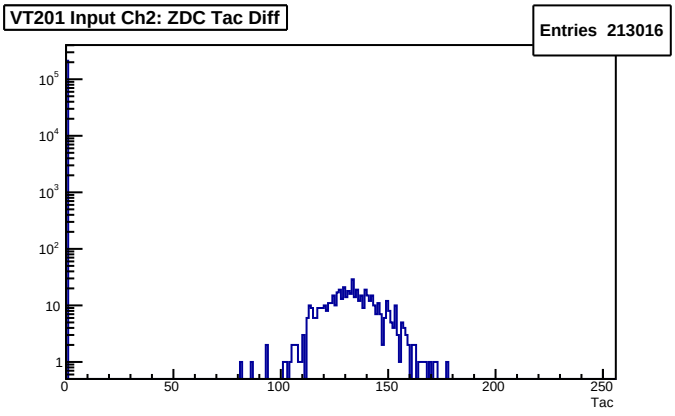

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

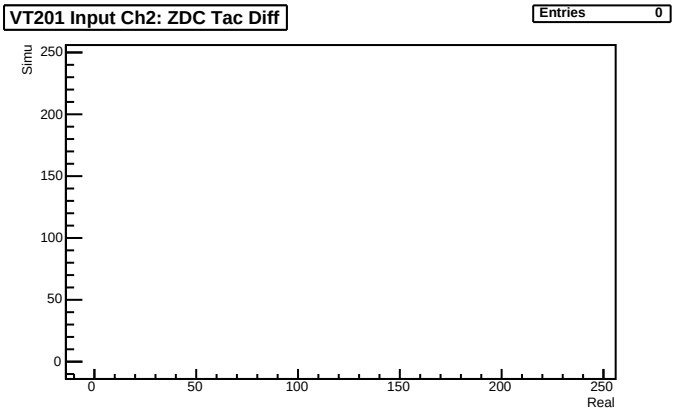

VT201 Input Ch1: EPD Tac Diff
Entries 213016
Tac

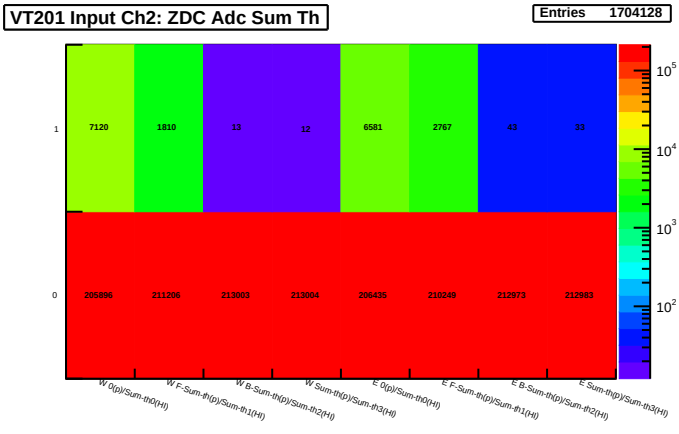

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

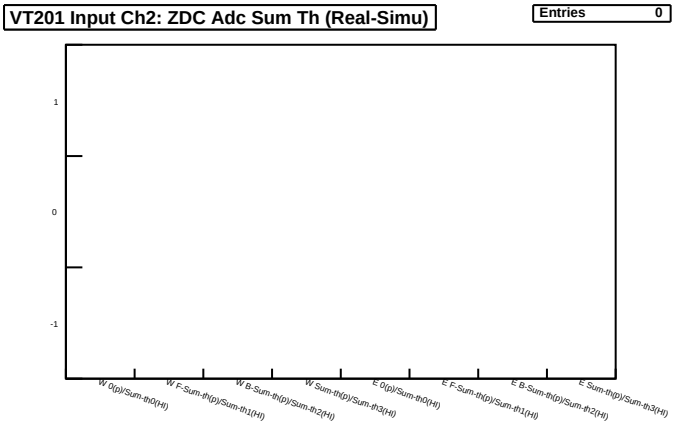

VT201 Input Ch1: EPD Hit Count Th
Entries 426032
209744
209188
3272
3828
East
West

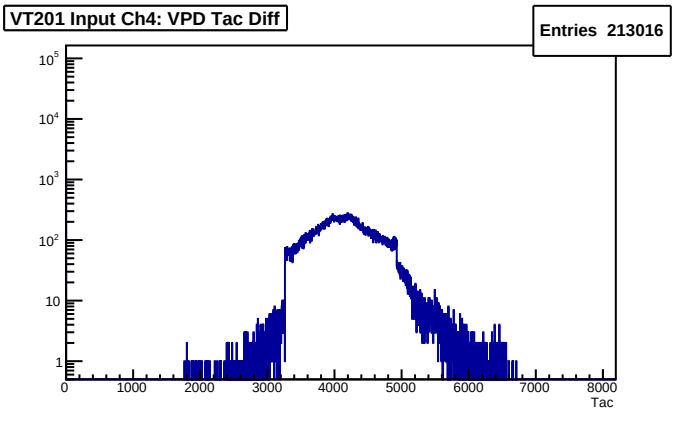

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

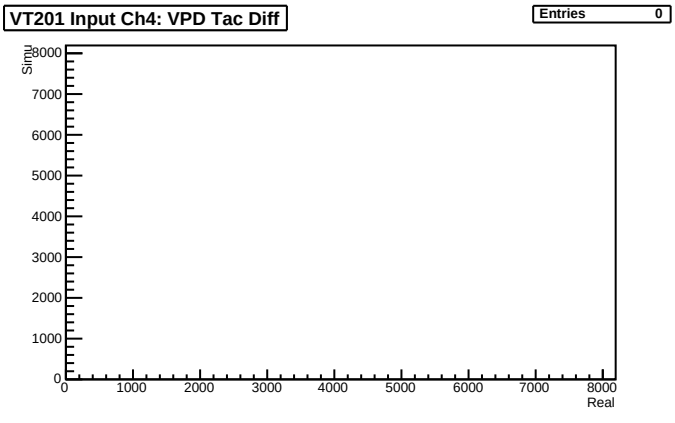

VT201 Input Ch2: ZDC Tac Diff
Entries 213016
Tac

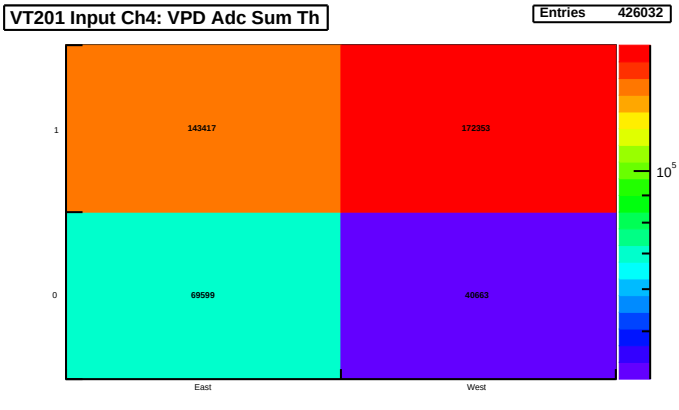

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

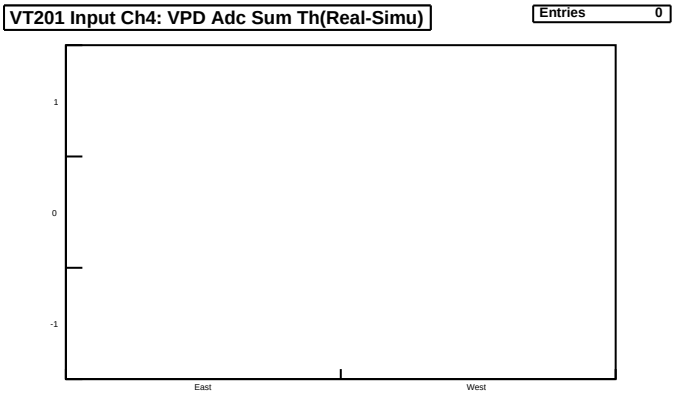

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1704128
7120
1810
13
12
6581
2767
43
33
205896
211206
213003
213004
206435
210249
212973
212983
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

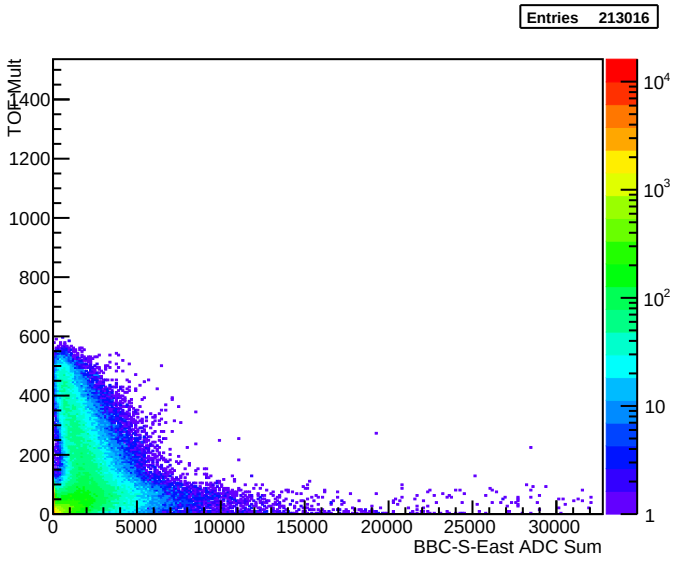

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

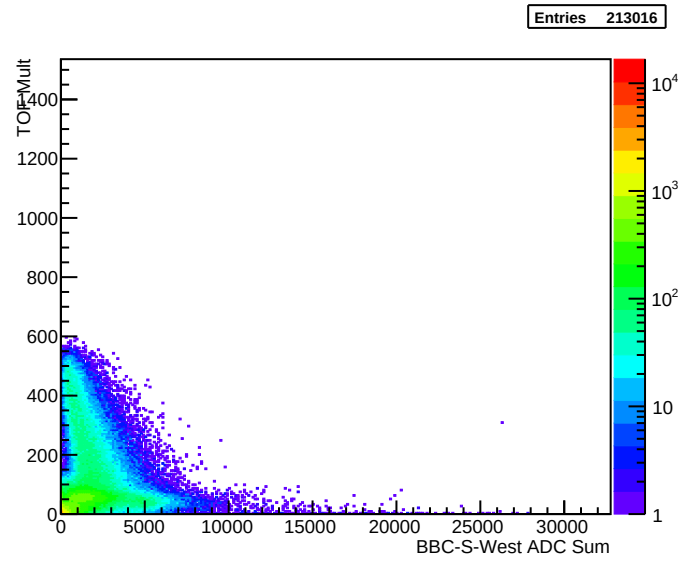

VT201 Input Ch4: VPD Tac Diff
Entries 213016
Tac

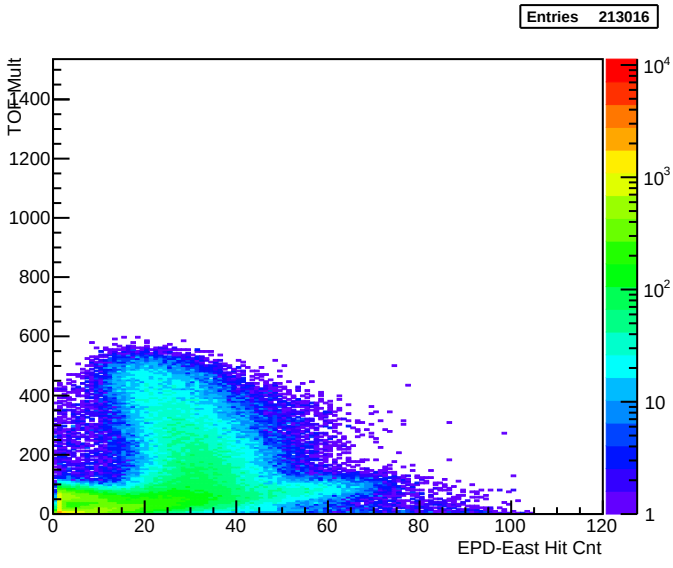

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

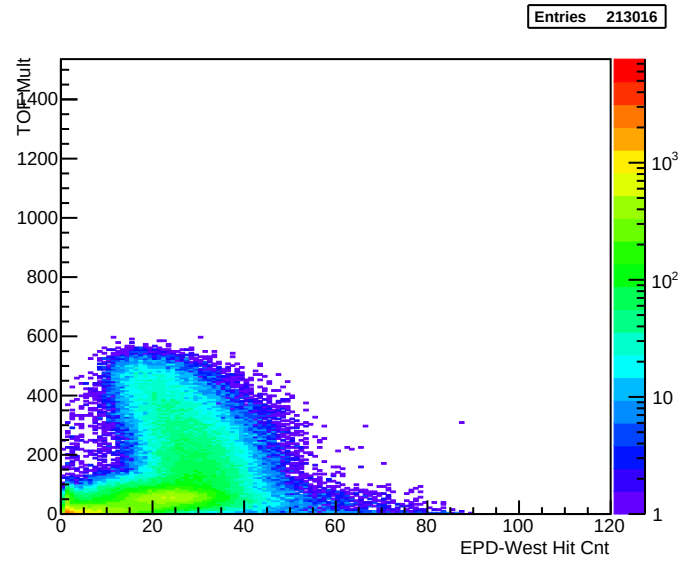

VT201 Input Ch4: VPD Adc Sum Th
Entries 426032
143417
172353
69599
40663
East
West

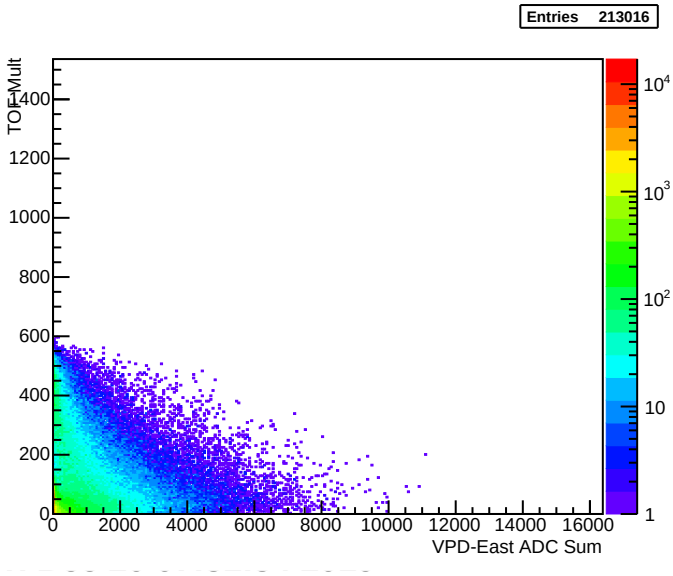

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

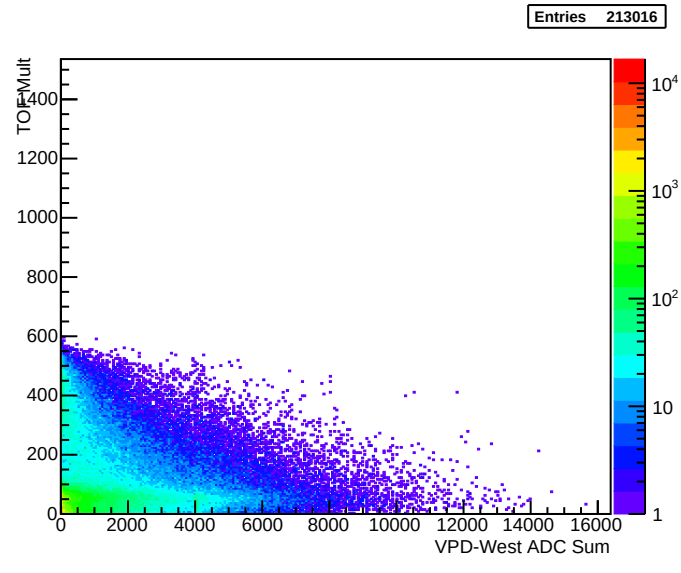

Entries 213016
TOF-Mult
BBC-S-East ADC Sum

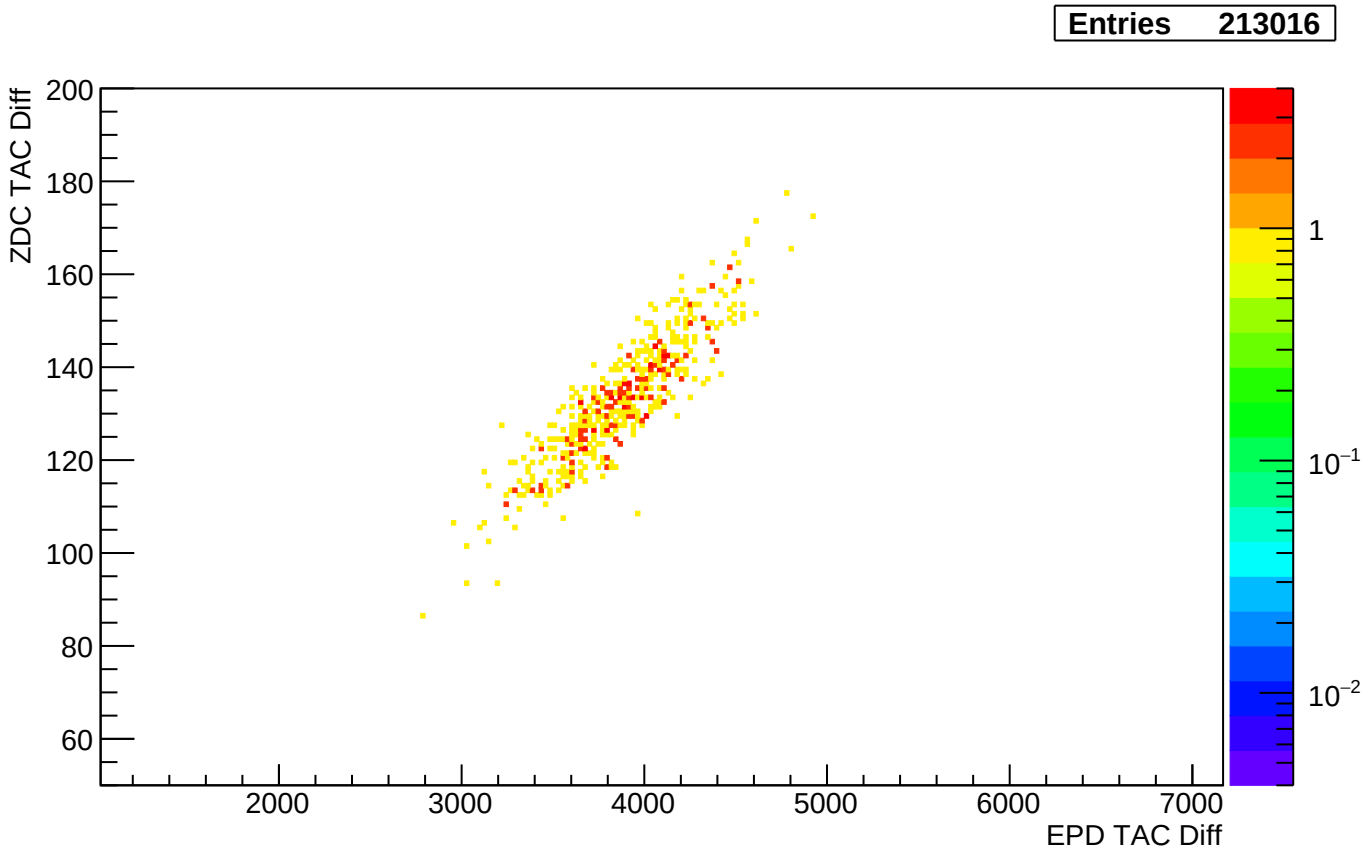

Entries 213016
TOF-Mult
BBC-S-West ADC Sum

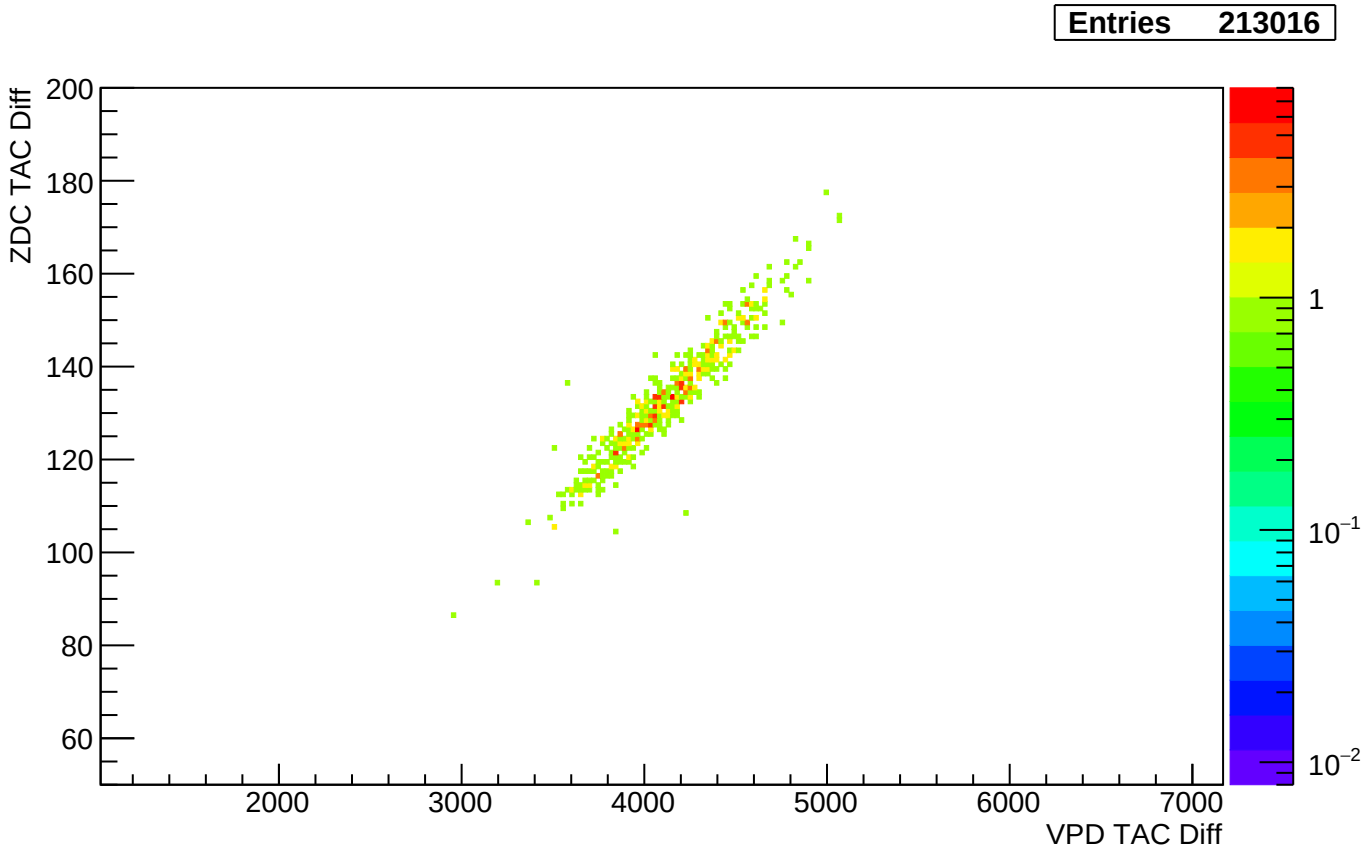

Entries 213016
TOF-Mult
EPD-East Hit Cnt

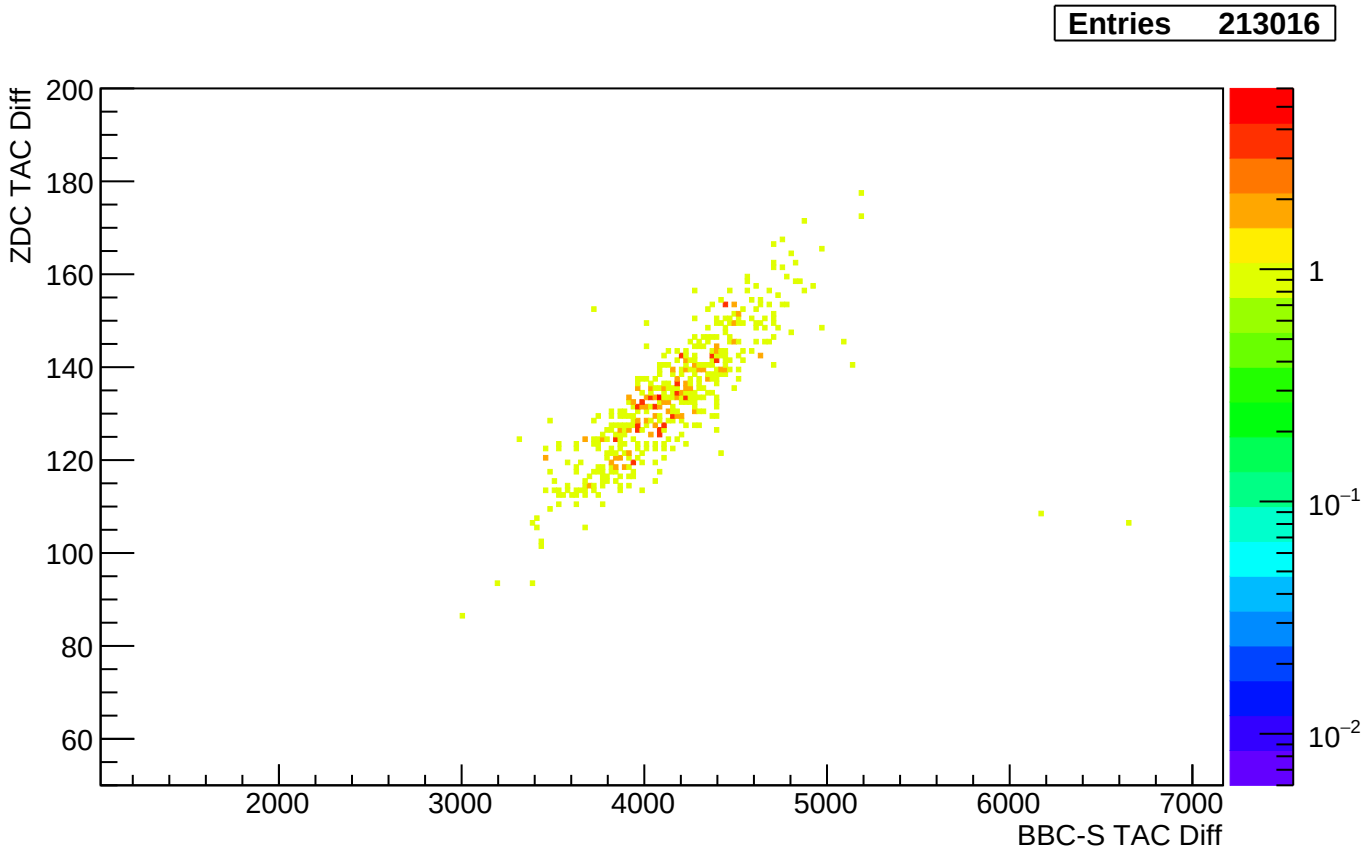

Entries 213016
TOF-Mult
EPD-West Hit Cnt

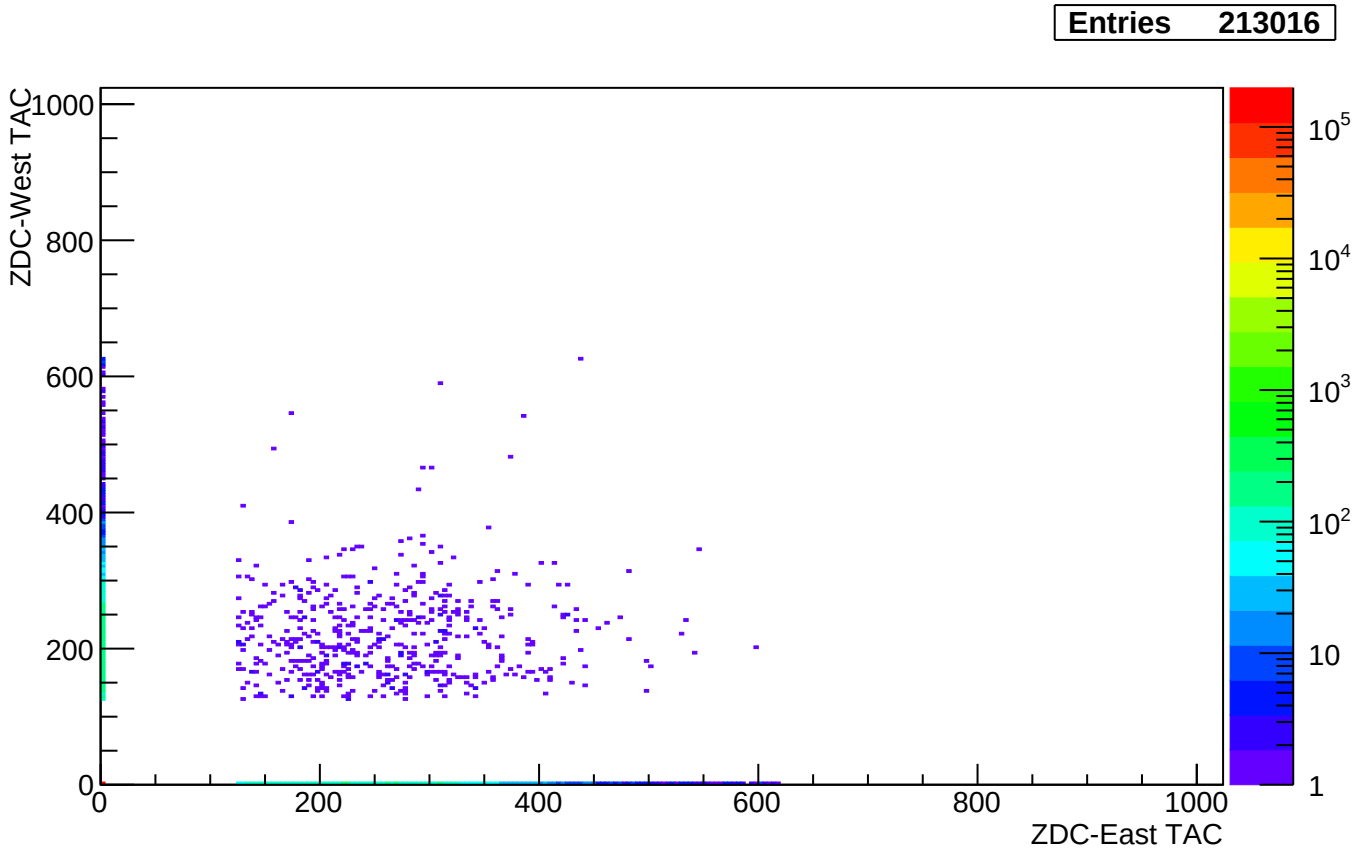

Entries 213016
TOF-Mult
VPD-East ADC Sum

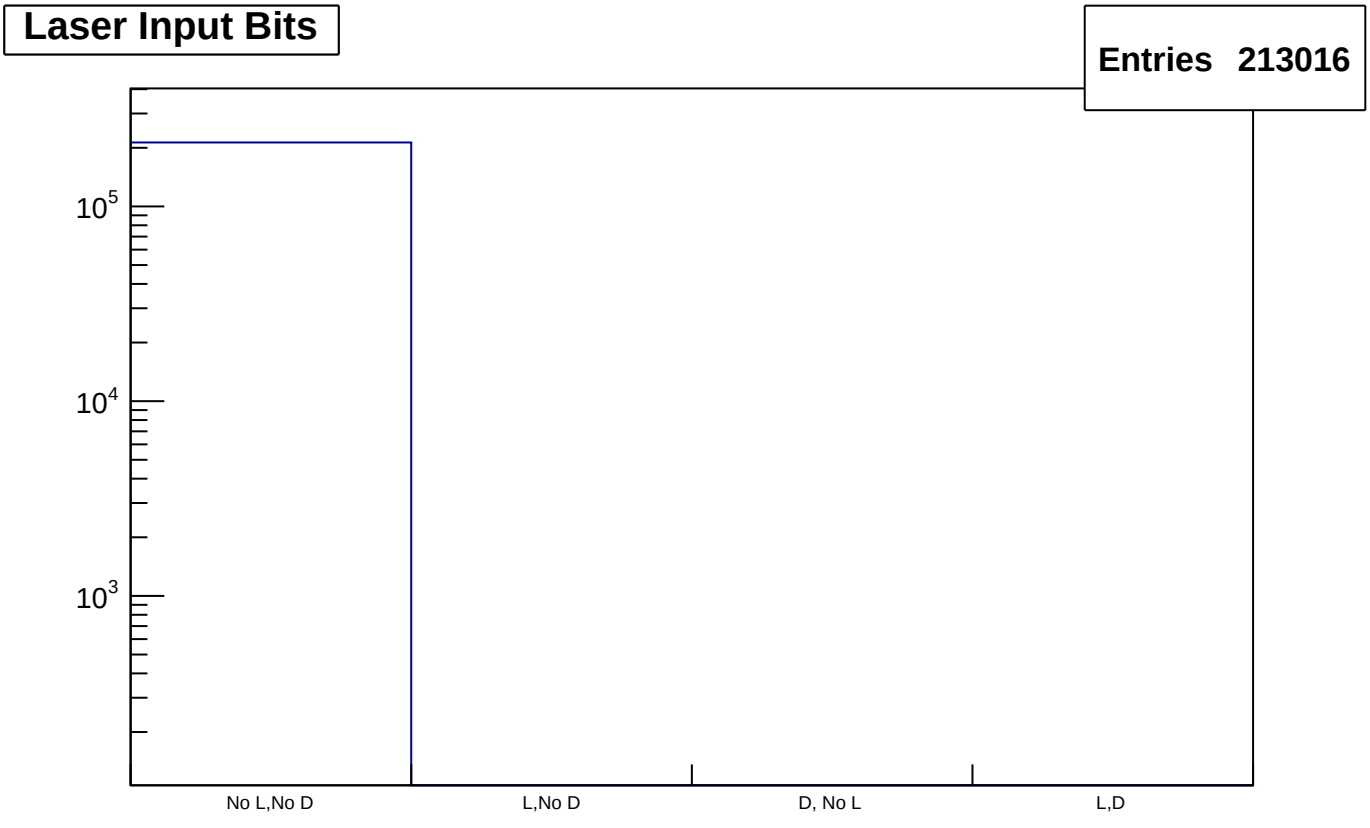

Entries 213016
TOF-Mult
VPD-West ADC Sum

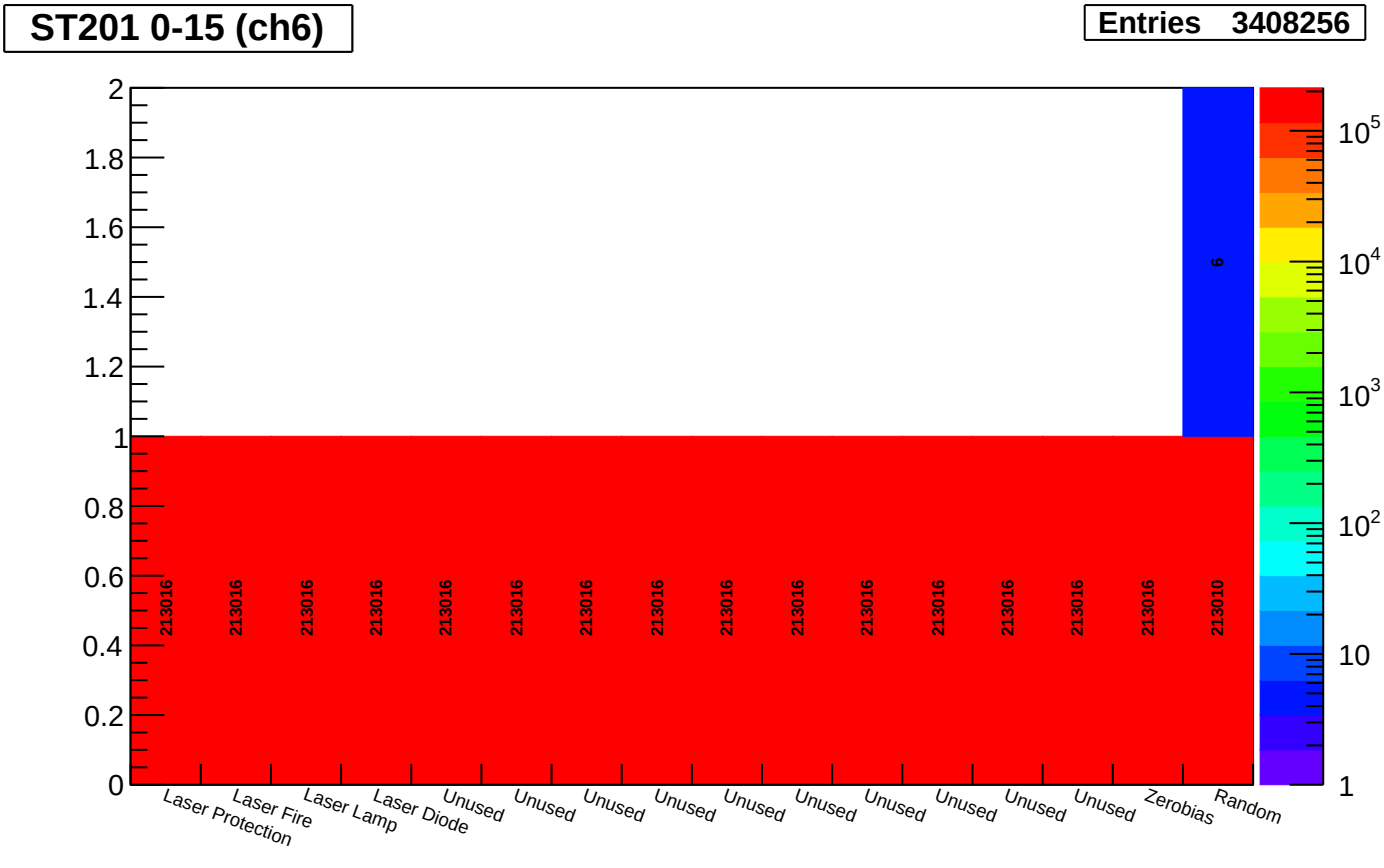

Entries 213016
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

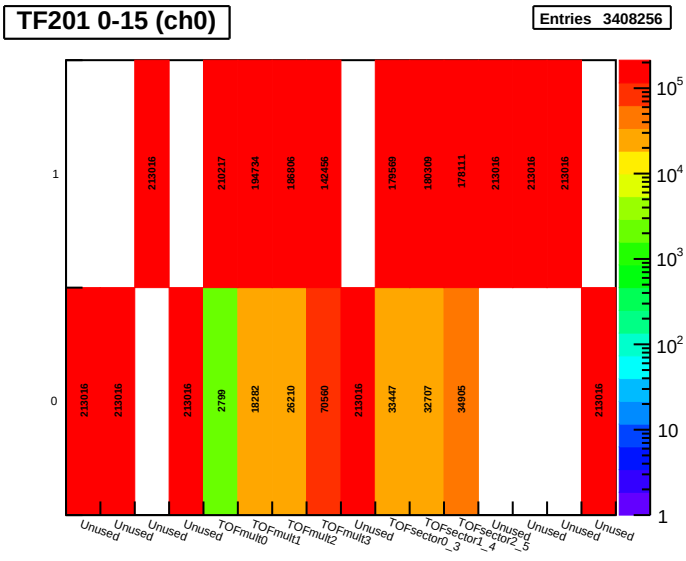

Entries 213016
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

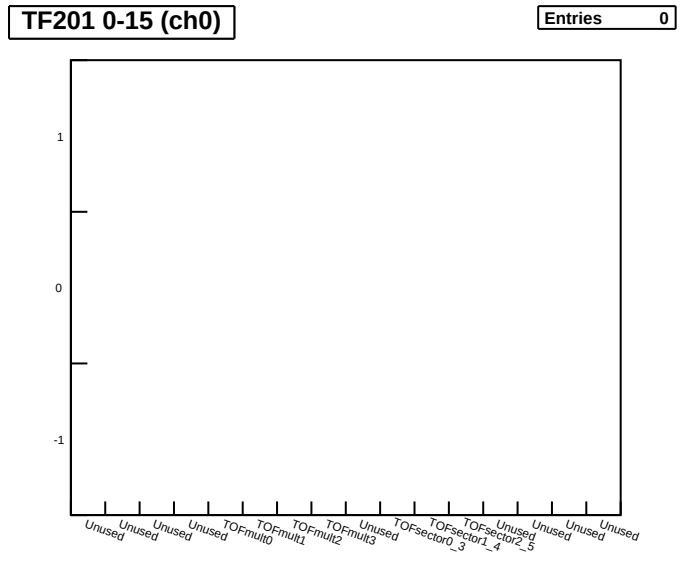

Entries 213016
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

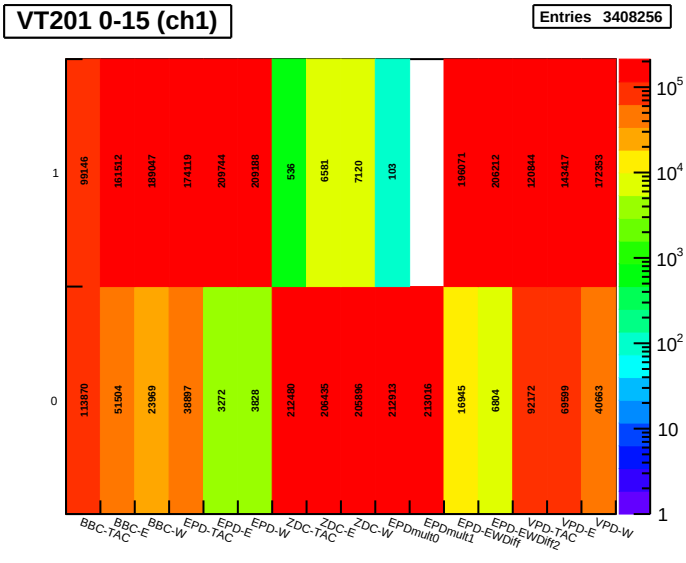

Entries 213016
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

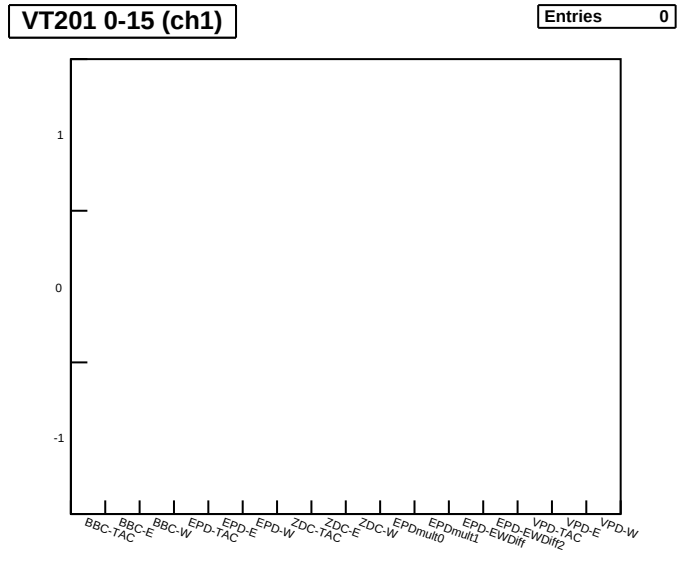

Laser Input Bits
Entries 213016
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

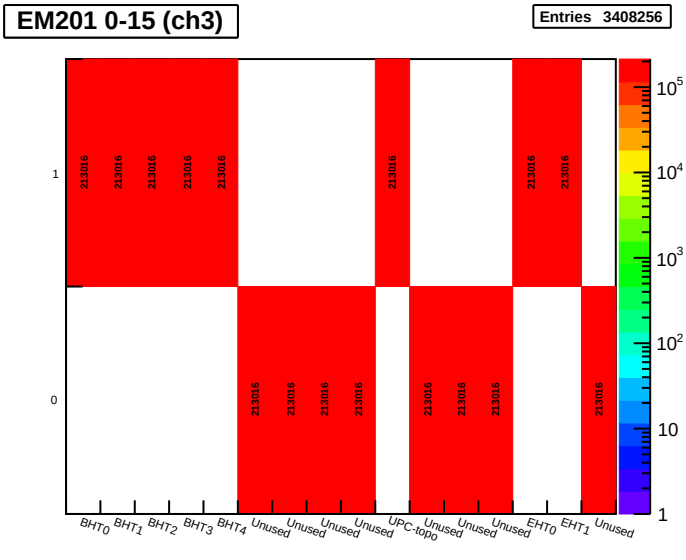

ST201 0-15 (ch6)
Entries 3408256
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
213016
213010
6
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

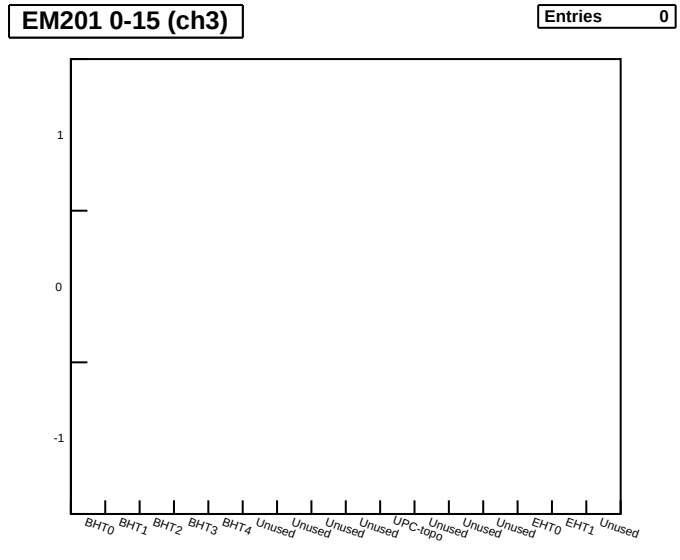

TF201 0-15 (ch0)
Entries 3408256
1
0
213016 213016 213016 210217 194734 186806 142456 179569 180309 176111 213016 213016 213016
213016 213016 213016 2799 18282 26210 70560 213016 33447 32707 34905 213016
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 3408256
1
0
99146 161512 189047 174119 200744 209188 536 6581 7120 103 196071 206212 120844 143417 172353
113870 51504 23969 38897 3272 3828 212480 206435 205896 212913 213016 16945 6804 92172 69599 40663
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
1 10 10^2 10^3 10^4 10^5


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 3408256
1
0
213016 213016 213016 213016 213016 213016 213016 213016
213016 213016 213016 213016 213016 213016 213016 213016
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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