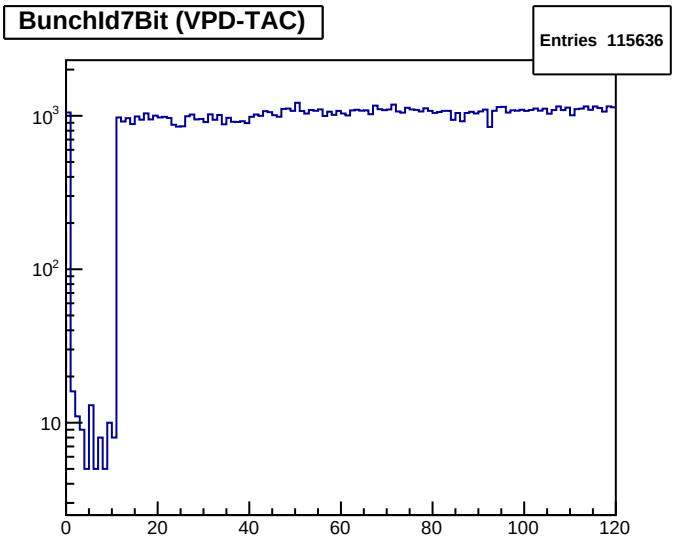
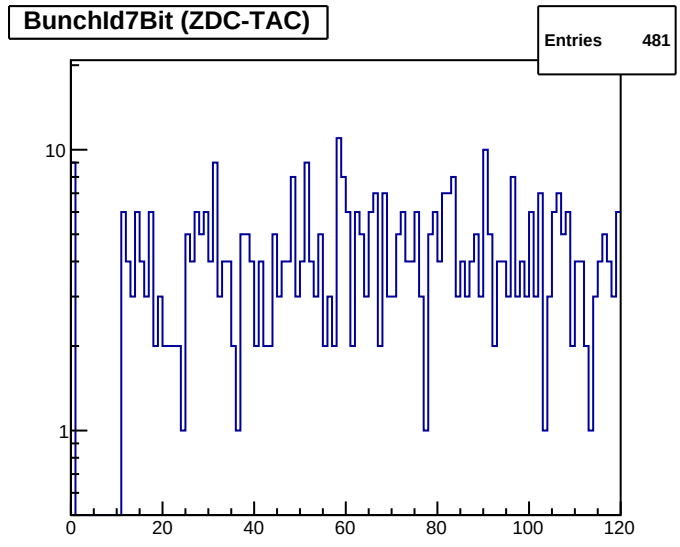
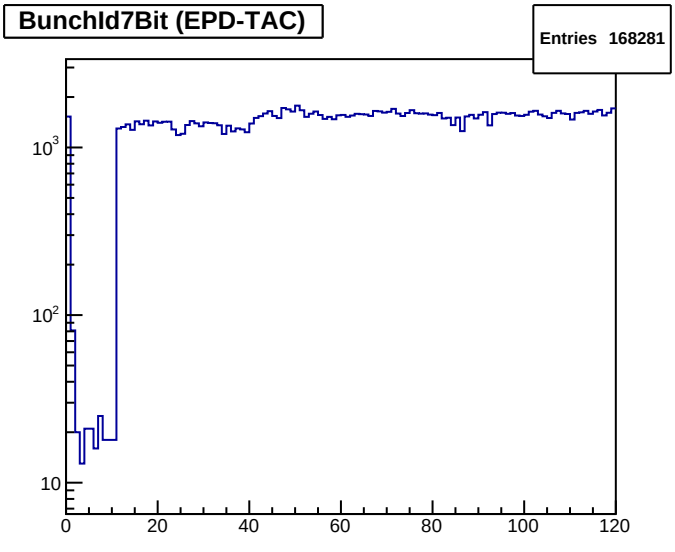
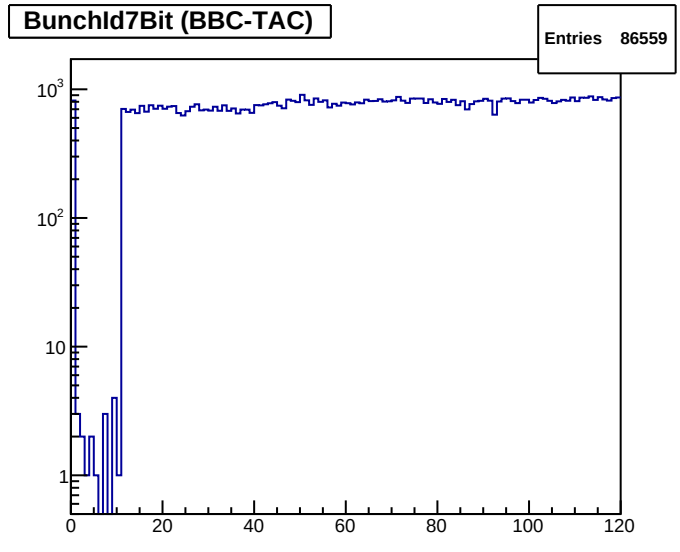
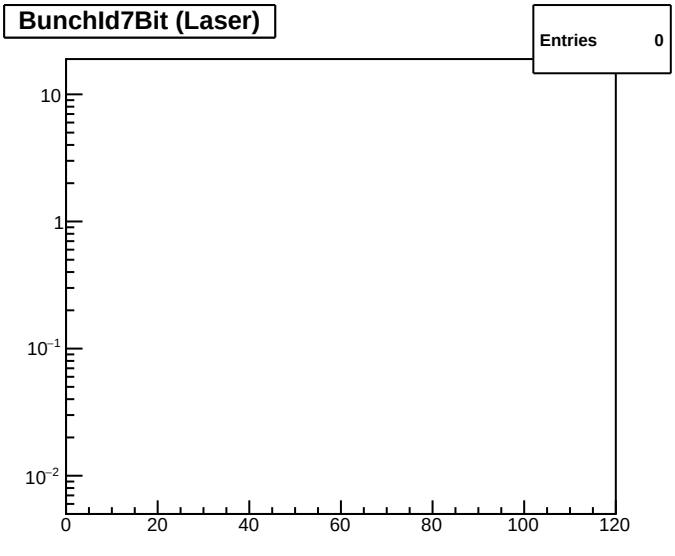
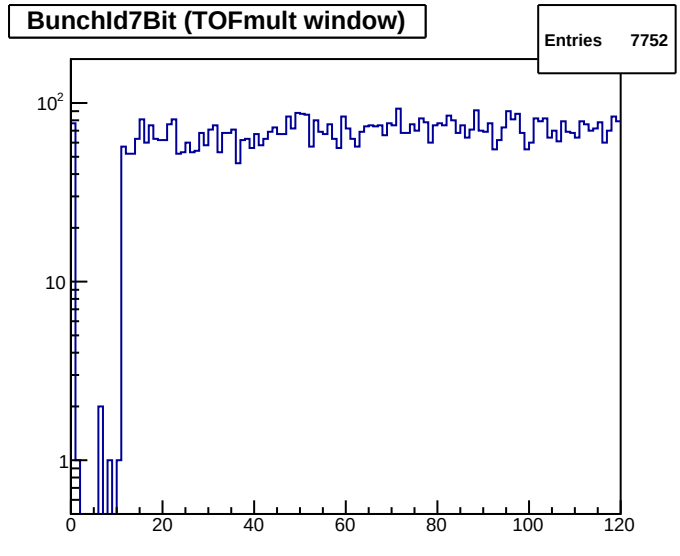

BunchId7Bit (VPD-TAC)
Entries 115636

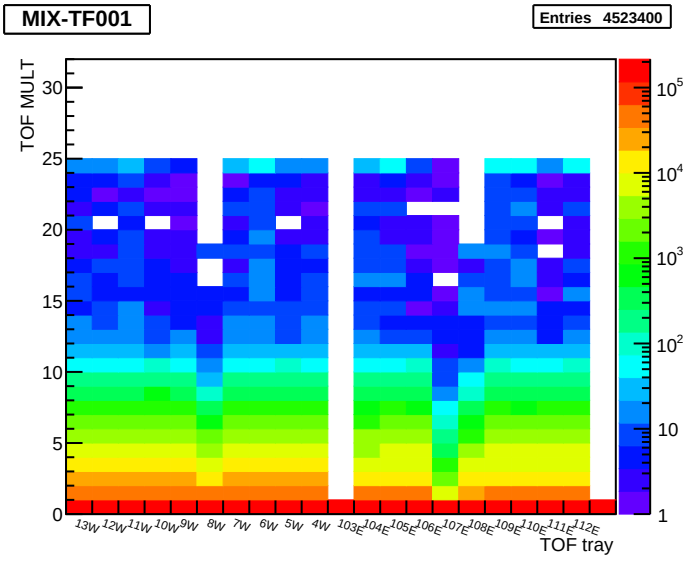

BunchId7Bit (ZDC-TAC)
Entries 481

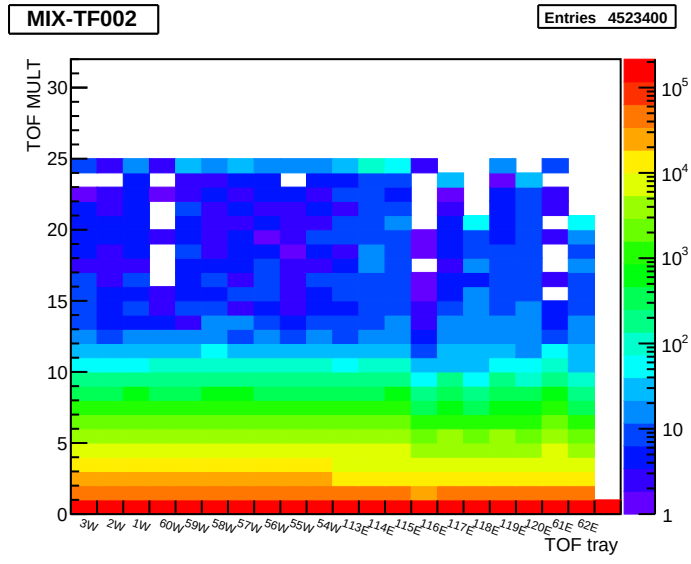

BunchId7Bit (EPD-TAC)
Entries 168281

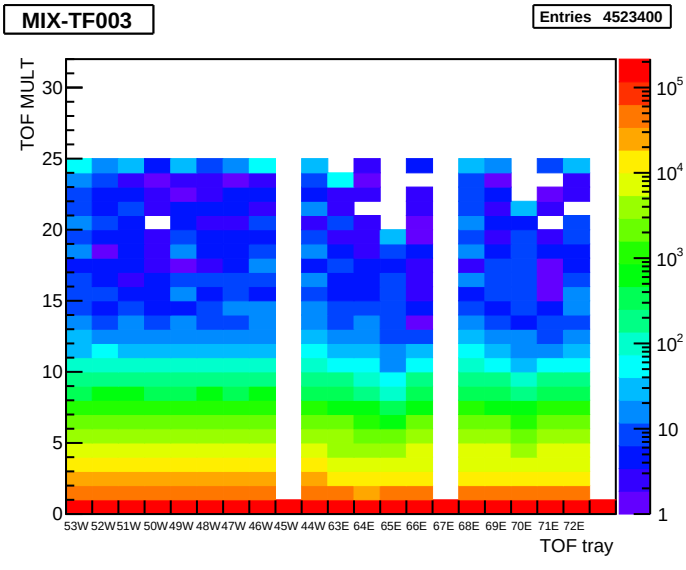

BunchId7Bit (BBC-TAC)
Entries 86559

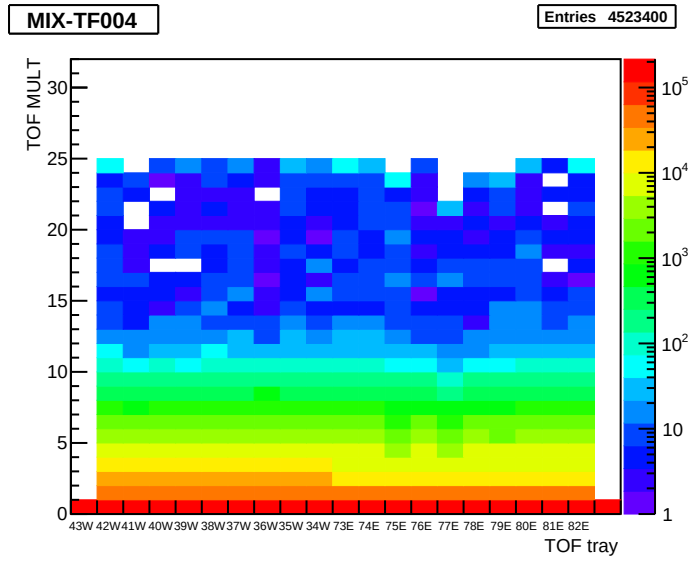

BunchId7Bit (Laser)
Entries 0

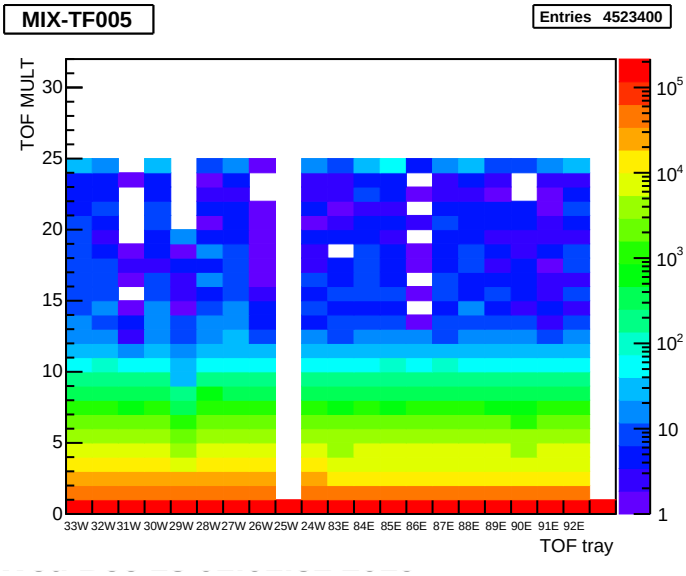

BunchId7Bit (TOFmult window)
Entries 7752

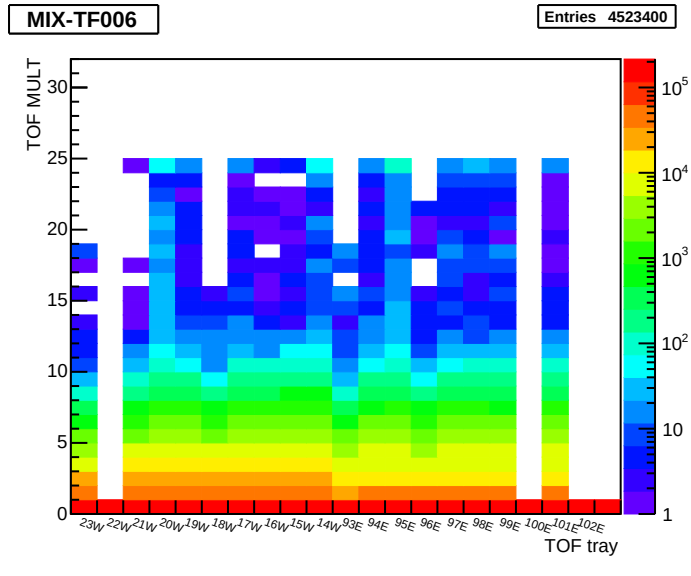

MIX-TF001
Entries 4523400
TOF MULT
TOF tray

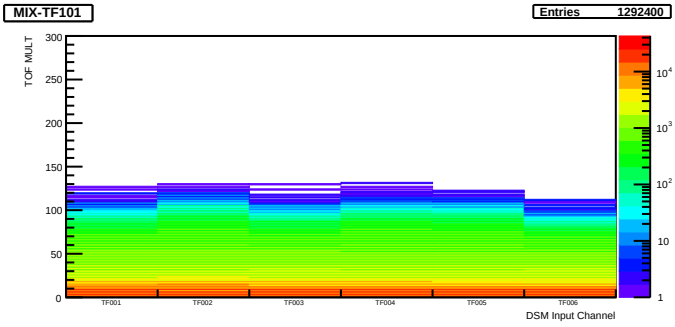

MIX-TF002
Entries 4523400
TOF MULT
TOF tray

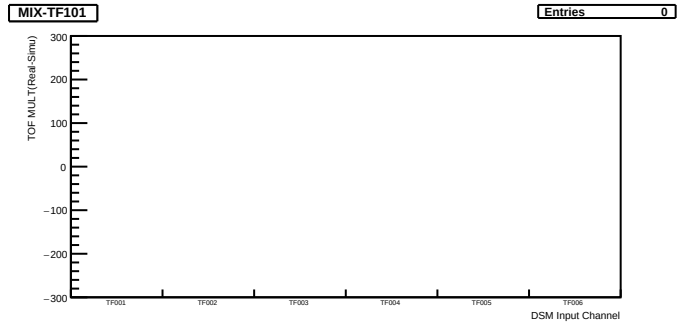

MIX-TF003
Entries 4523400
TOF MULT
TOF tray

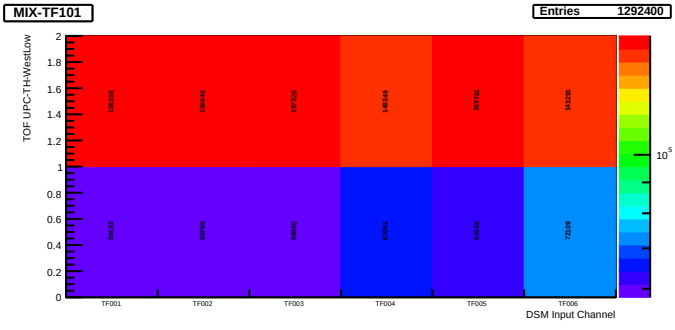

MIX-TF004
Entries 4523400
TOF MULT
TOF tray

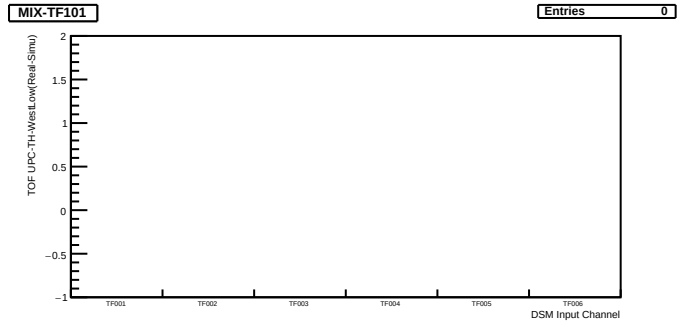

MIX-TF005
Entries 4523400
TOF MULT
TOF tray

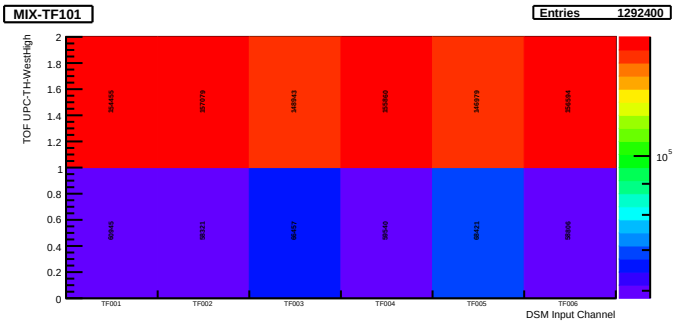

MIX-TF006
Entries 4523400
TOF MULT
TOF tray

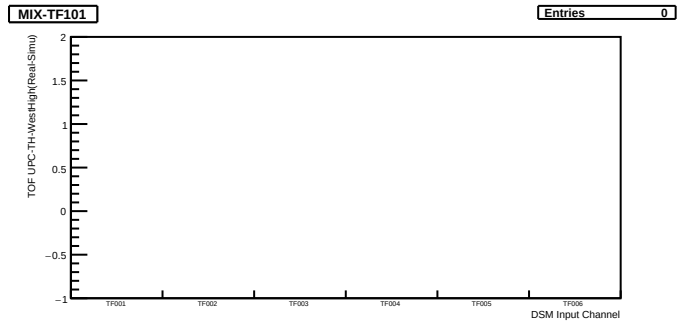

MIX-TF101
Entries 1292400
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

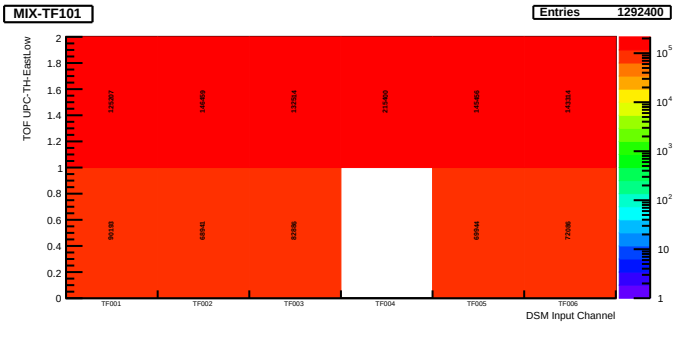

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

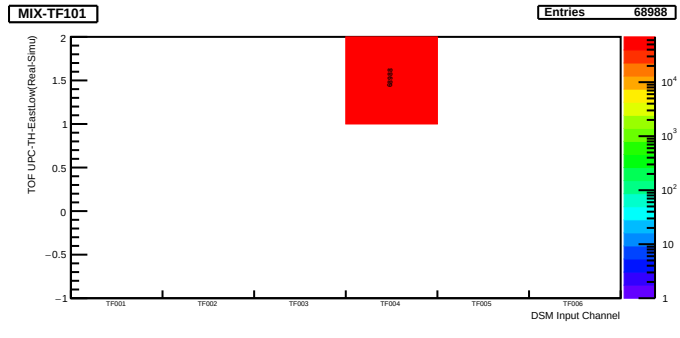

MIX-TF101
Entries 1292400
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

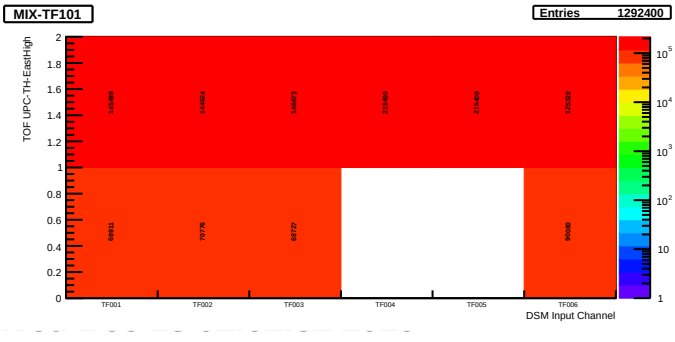

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

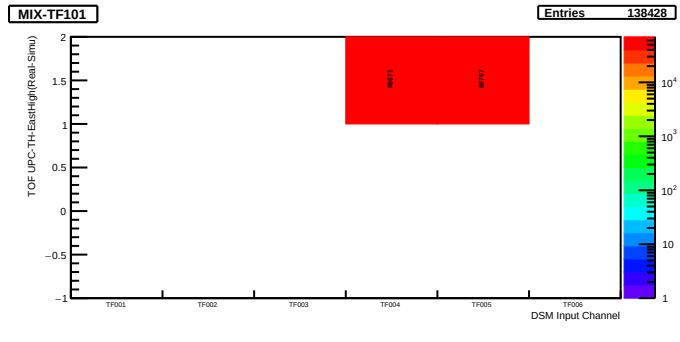

MIX-TF101
Entries 1292400
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

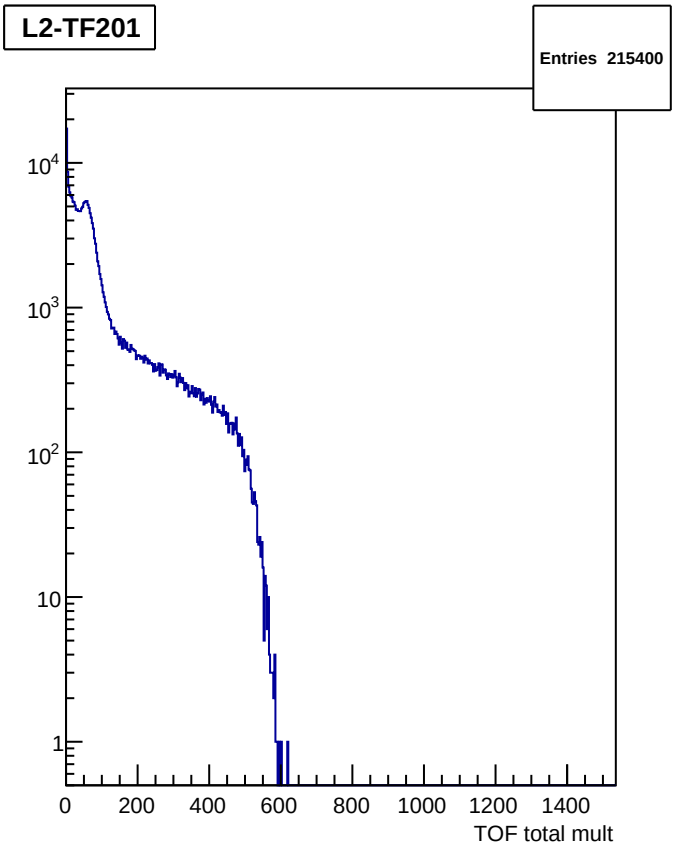

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

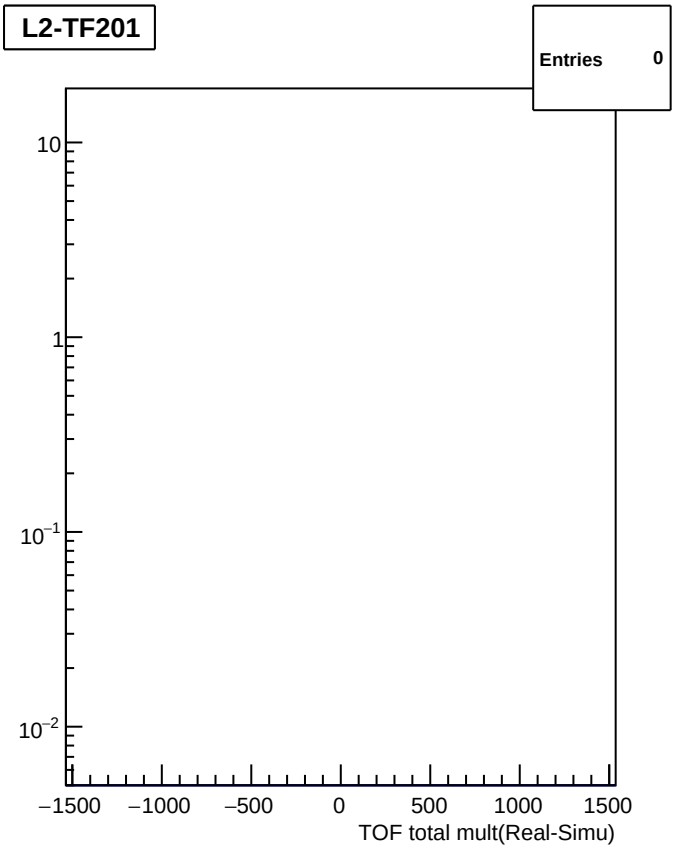

MIX-TF101
Entries 1292400
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

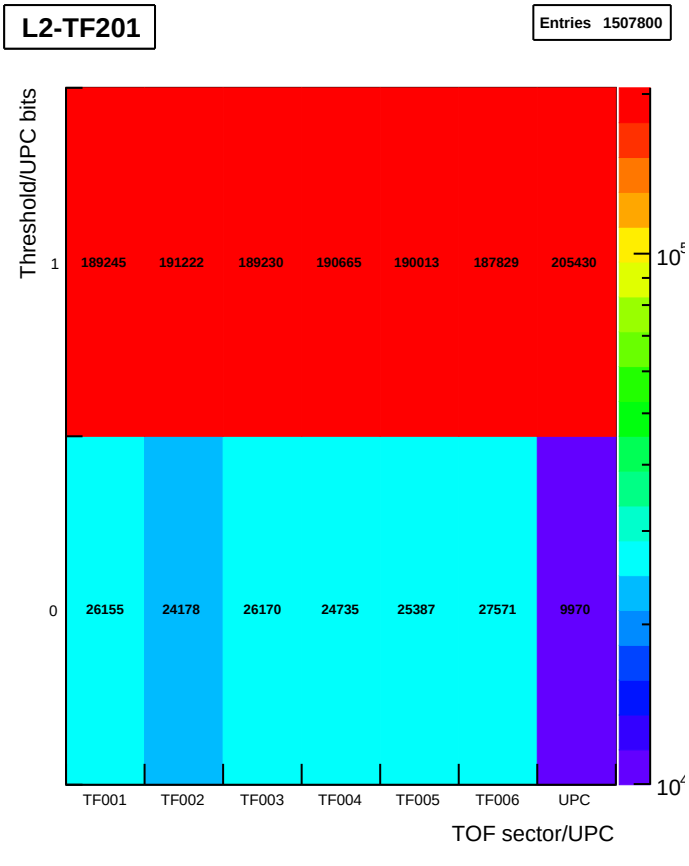

MIX-TF101
Entries 68988
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

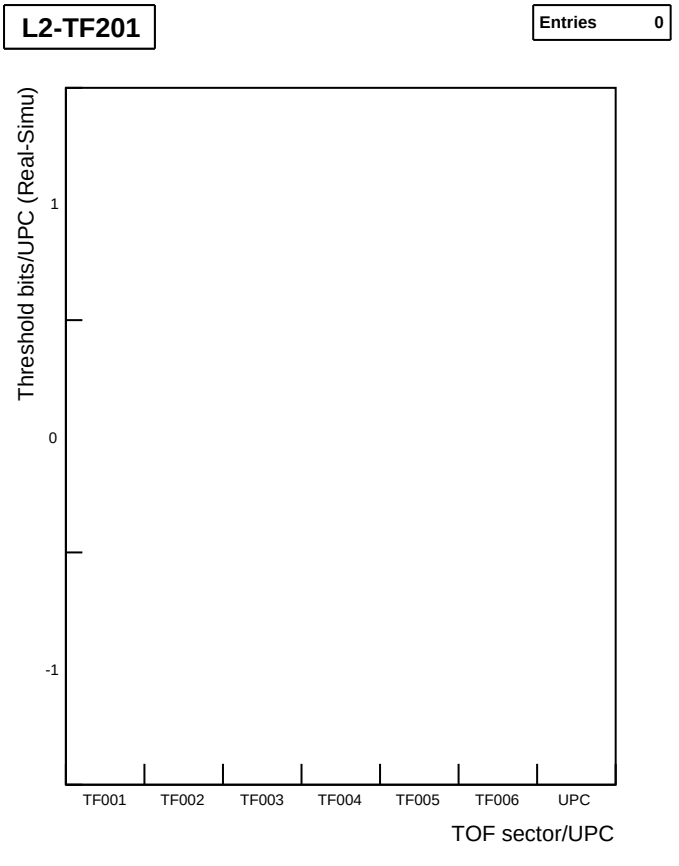

MIX-TF101
Entries 1292400
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

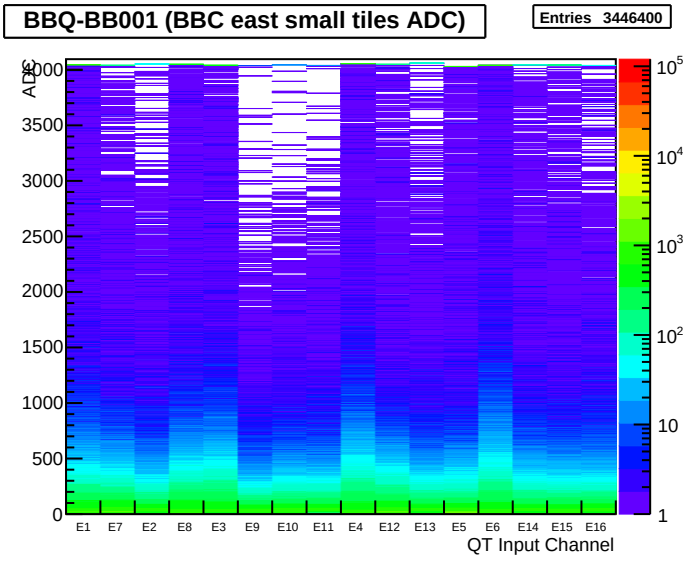

MIX-TF101
Entries 138428
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

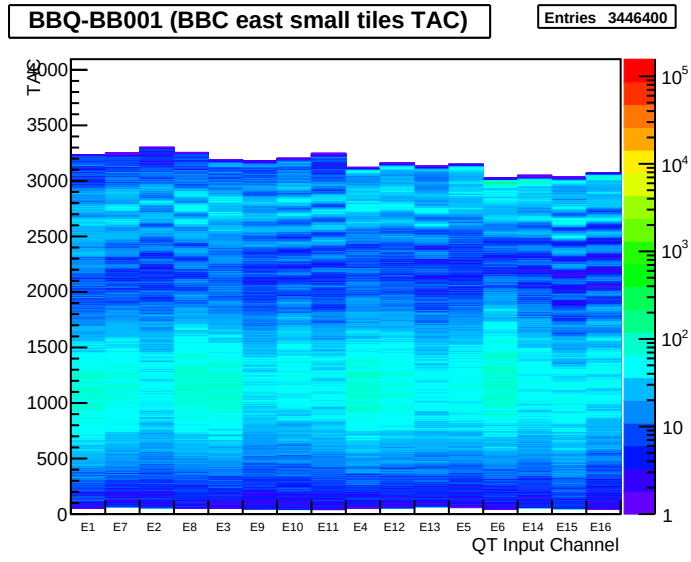

L2-TF201
Entries 215400
TOF total mult

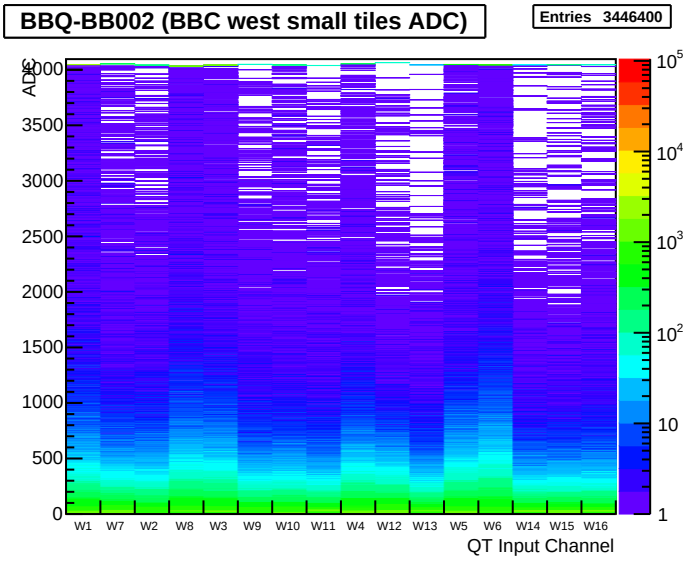

L2-TF201
Entries 0
TOF total mult(Real-Simu)

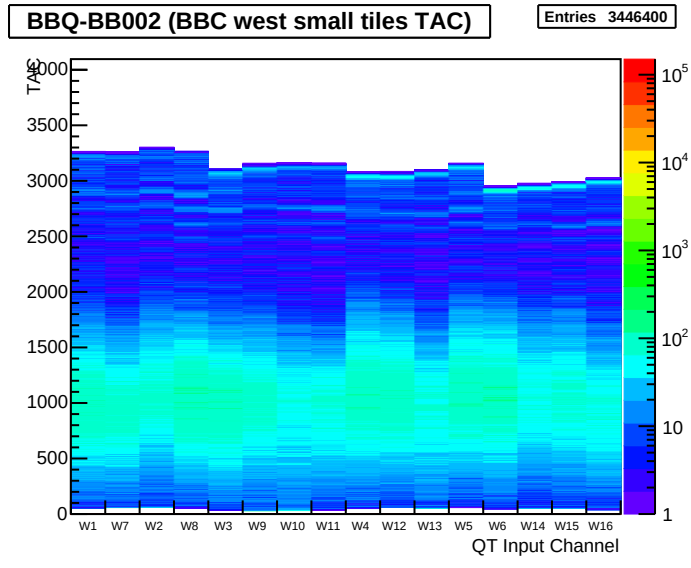

L2-TF201
Entries 1507800
Threshold/UPC bits
189245
191222
189230
190665
190013
187829
205430
26155
24178
26170
24735
25387
27571
9970
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

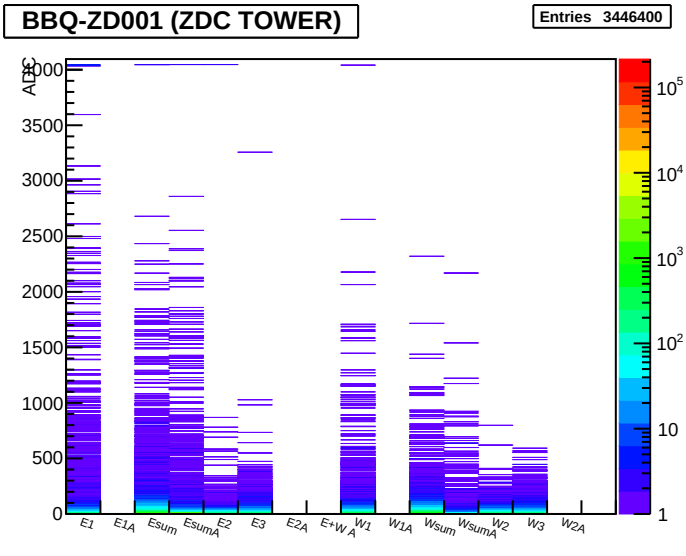

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

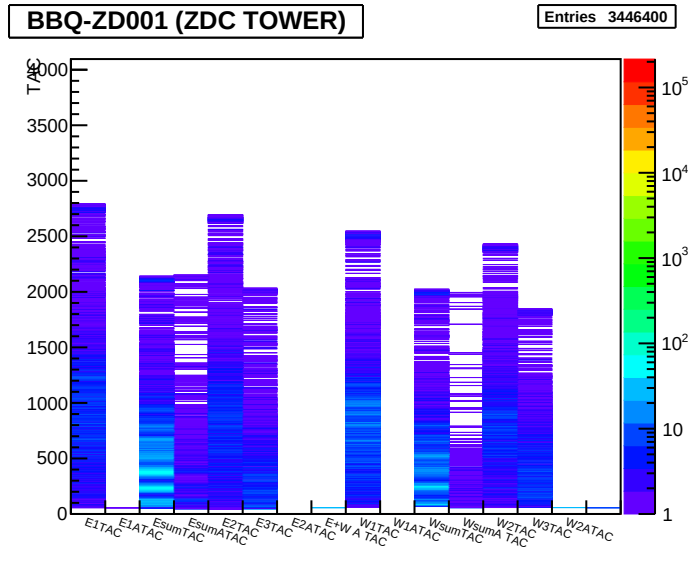

BBQ-BB001 (BBC east small tiles ADC)
Entries 3446400
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

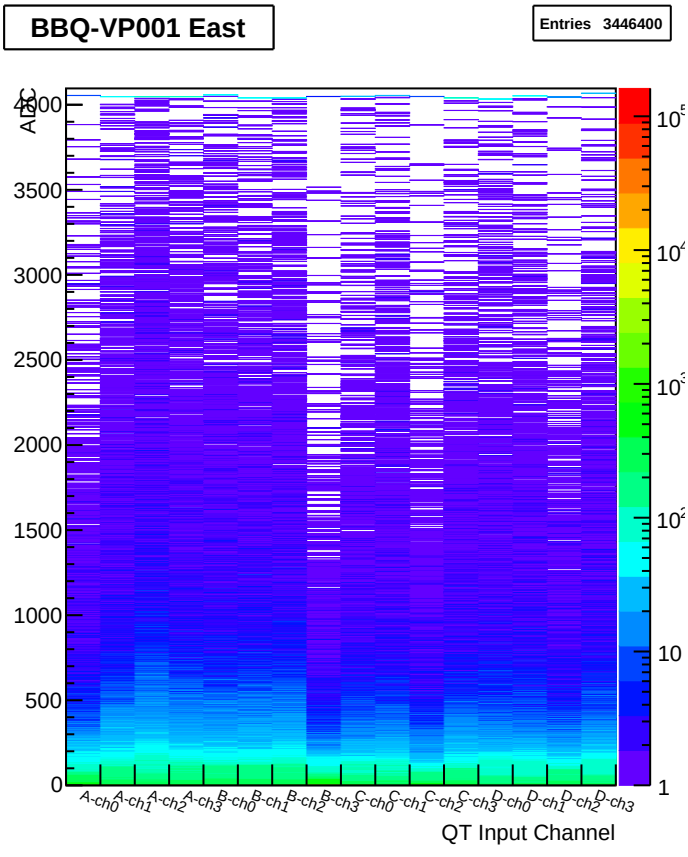

BBQ-BB001 (BBC east small tiles TAC)
Entries 3446400
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

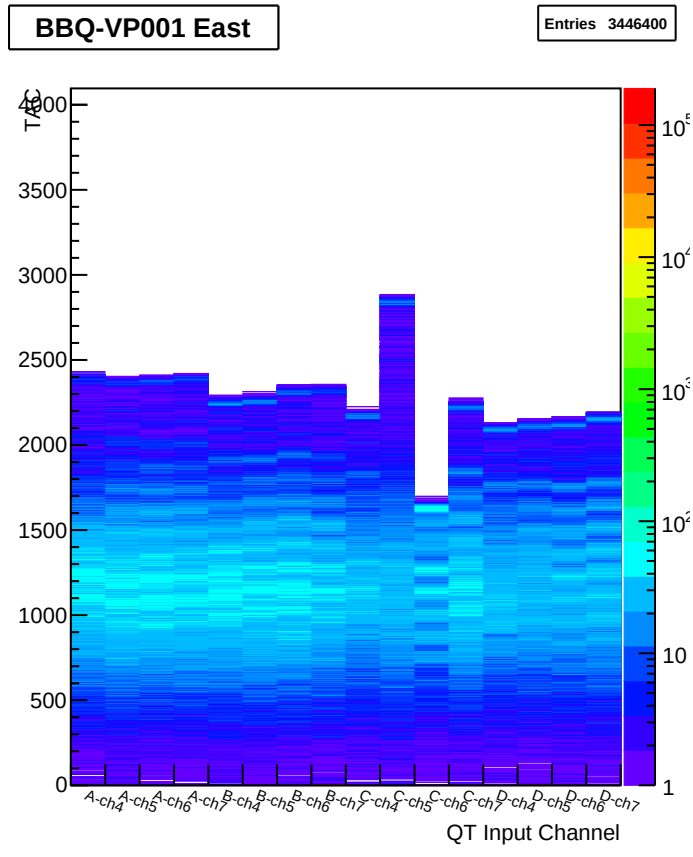

BBQ-BB002 (BBC west small tiles ADC)
Entries 3446400
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

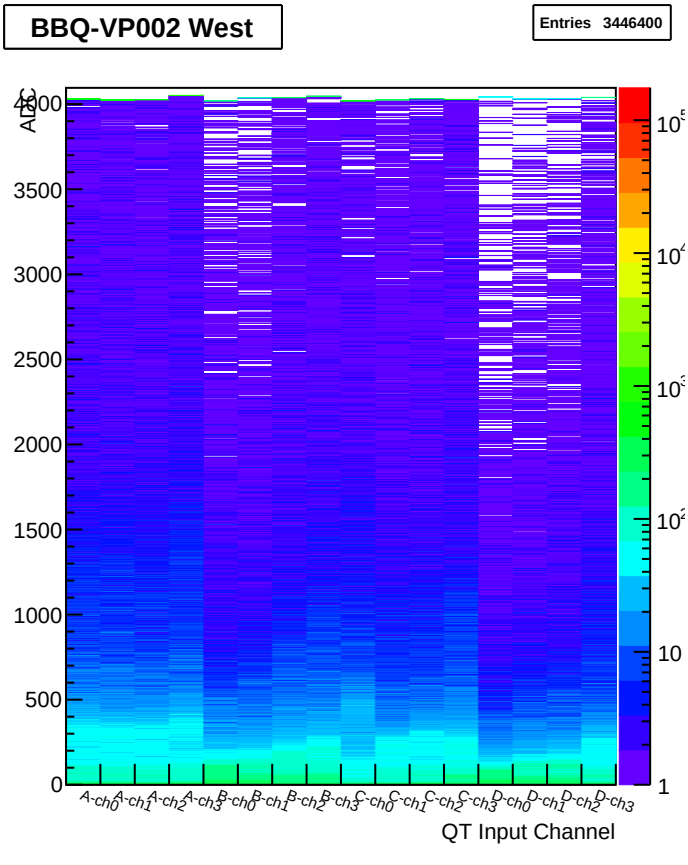

BBQ-BB002 (BBC west small tiles TAC)
Entries 3446400
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

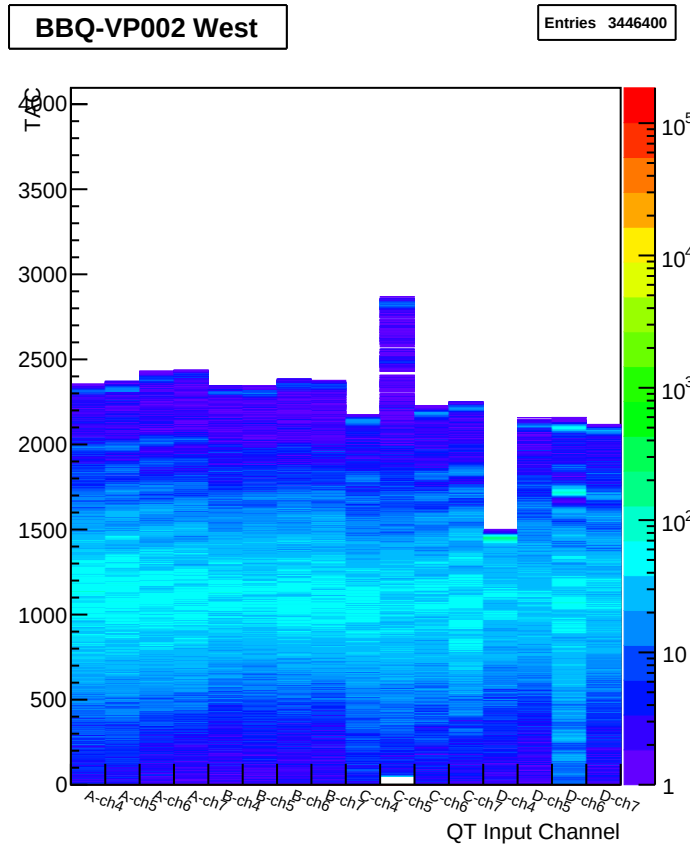

BBQ-ZD001 (ZDC TOWER)
Entries 3446400
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

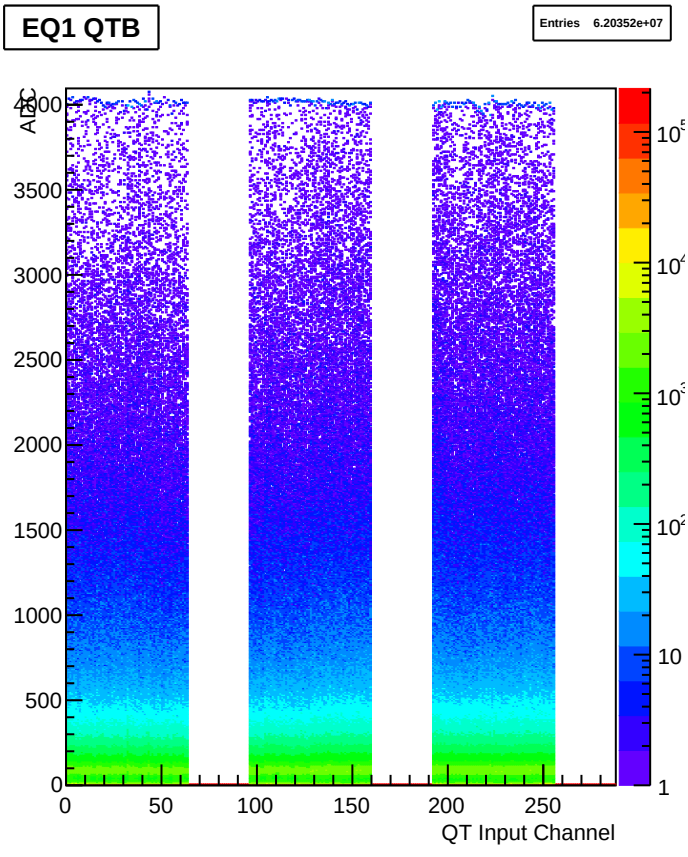

BBQ-ZD001 (ZDC TOWER)
Entries 3446400
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

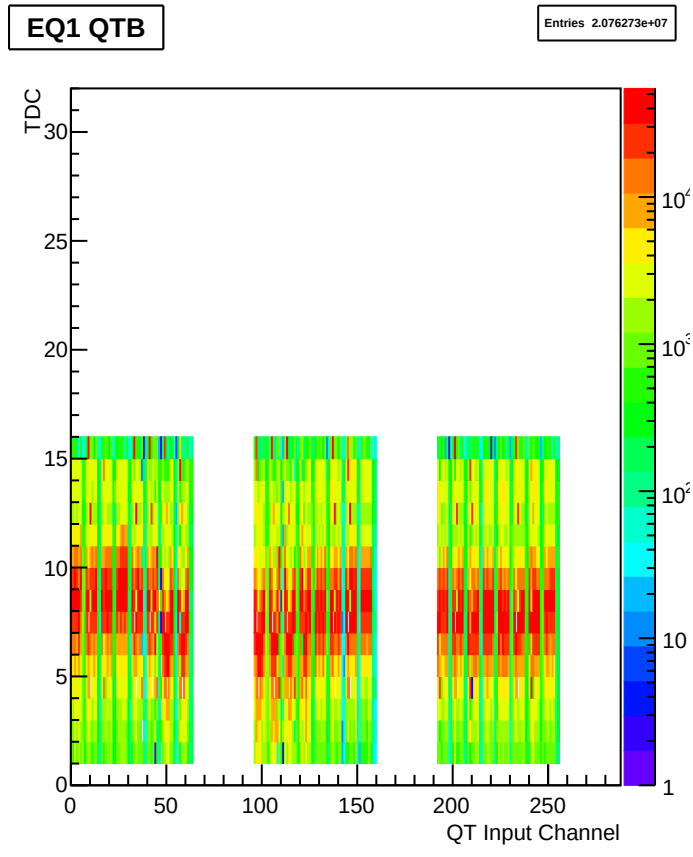

BBQ-VP001 East
Entries 3446400
ADC
QT Input Channel

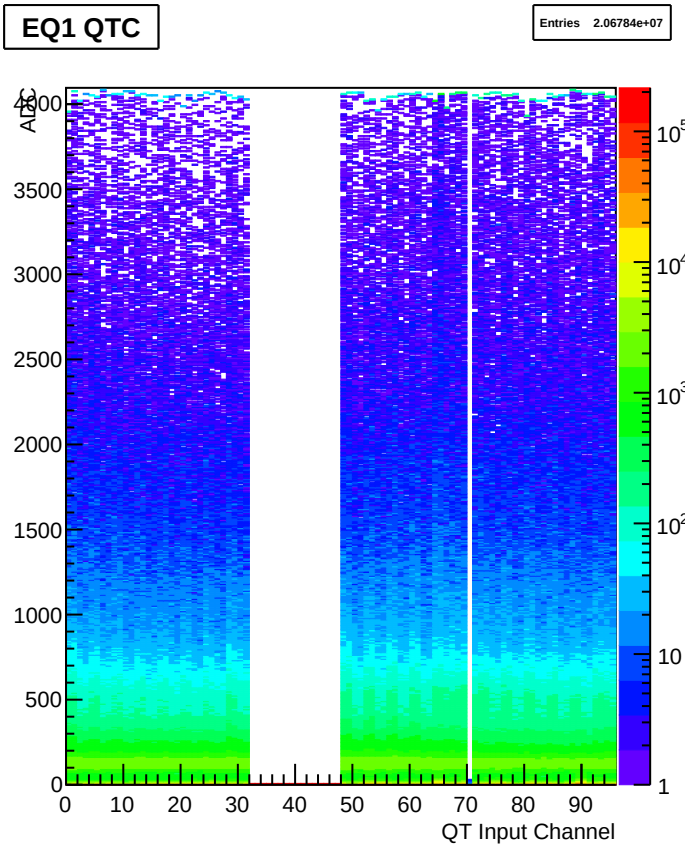

BBQ-VP001 East
Entries 3446400
TADC
QT Input Channel

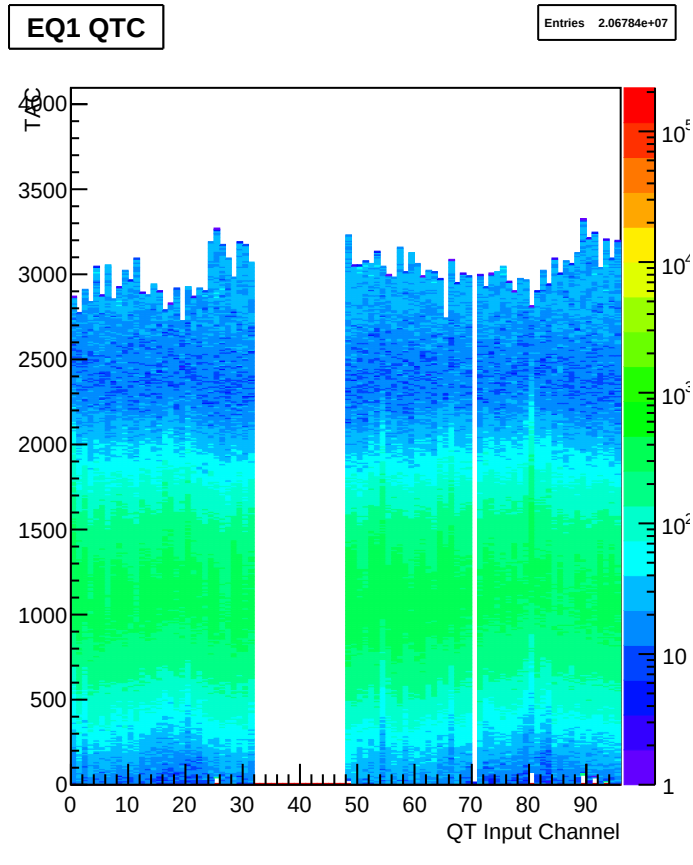

BBQ-VP002 West
Entries 3446400
ADC
QT Input Channel

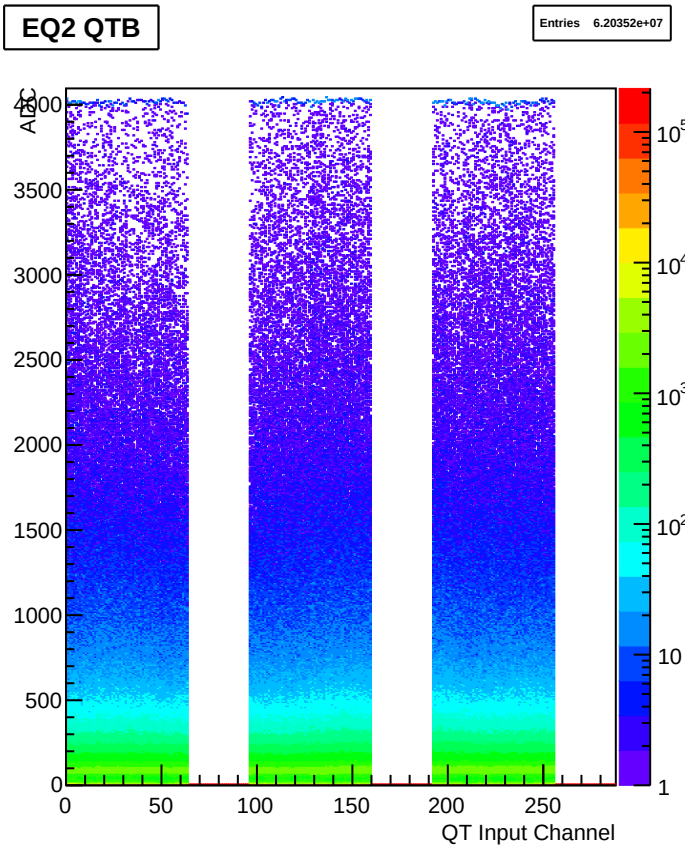

BBQ-VP002 West
Entries 3446400
TADC
QT Input Channel

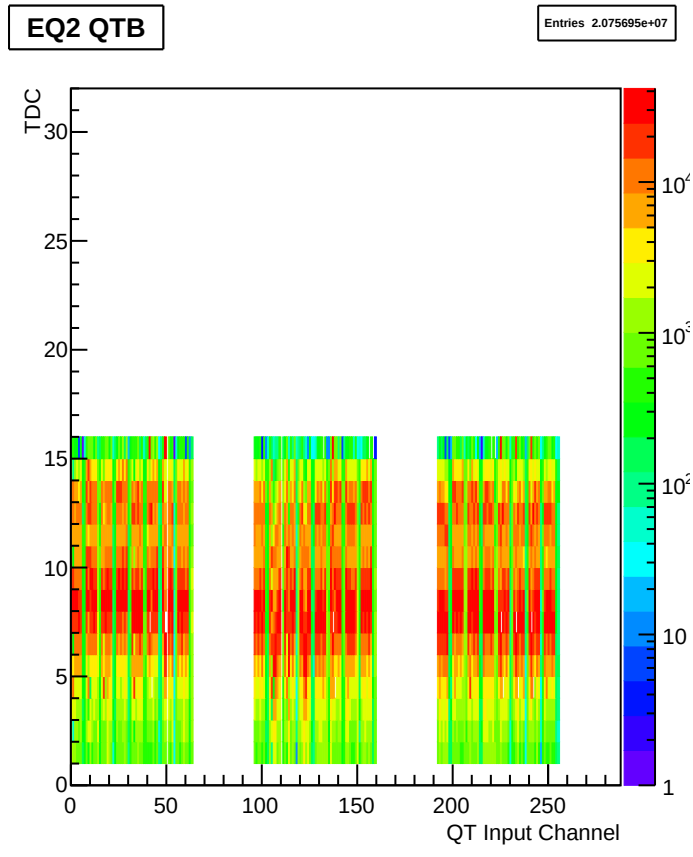

EQ1 QTB
Entries 6.20352e+07
ADC
QT Input Channel

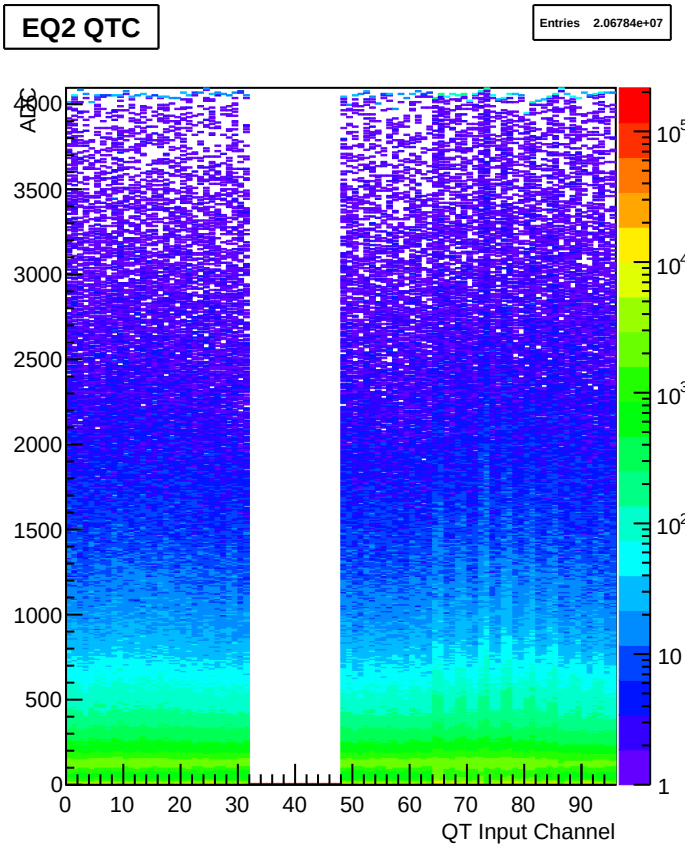

EQ1 QTB
Entries 2.076273e+07
TDC
QT Input Channel

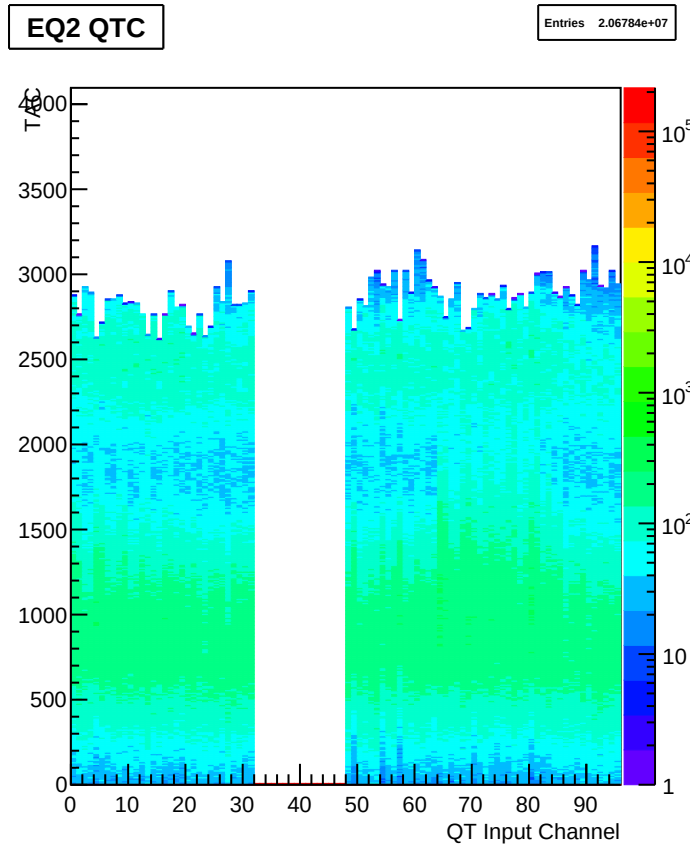

EQ1 QTC
Entries 2.06784e+07
ADC
QT Input Channel

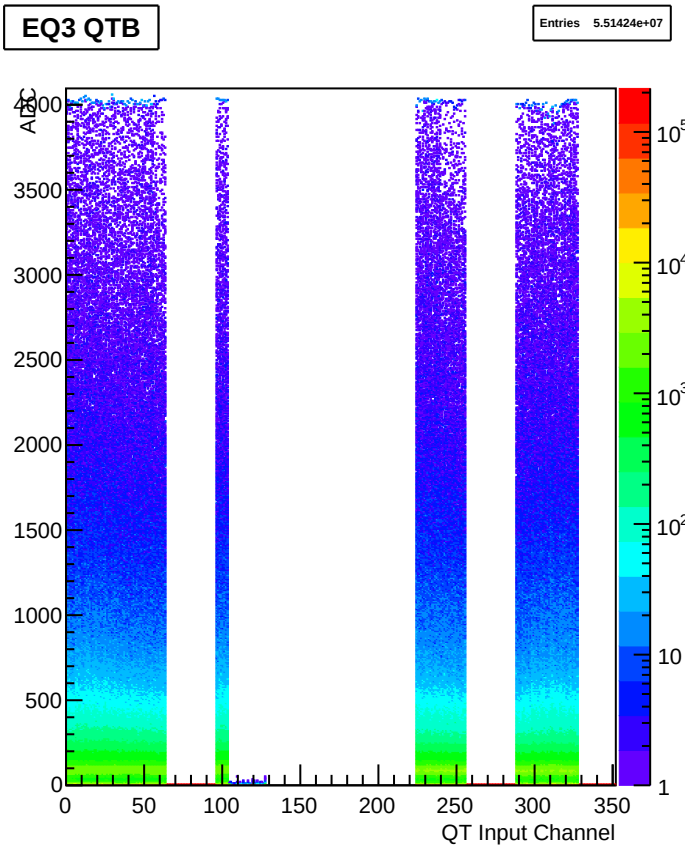

EQ1 QTC
Entries 2.06784e+07
TADC
QT Input Channel

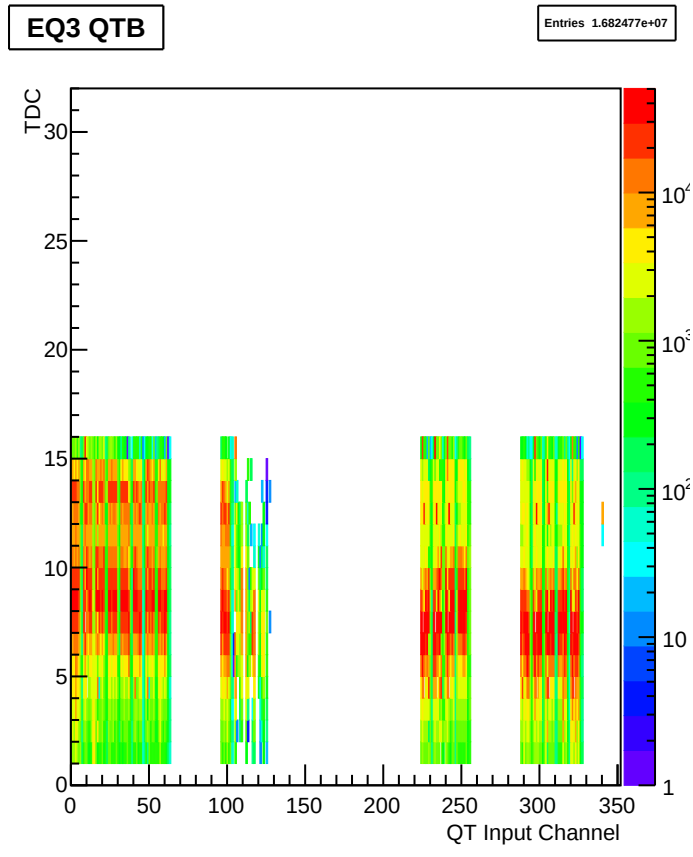

EQ2 QTB
Entries 6.20352e+07
ADC
QT Input Channel

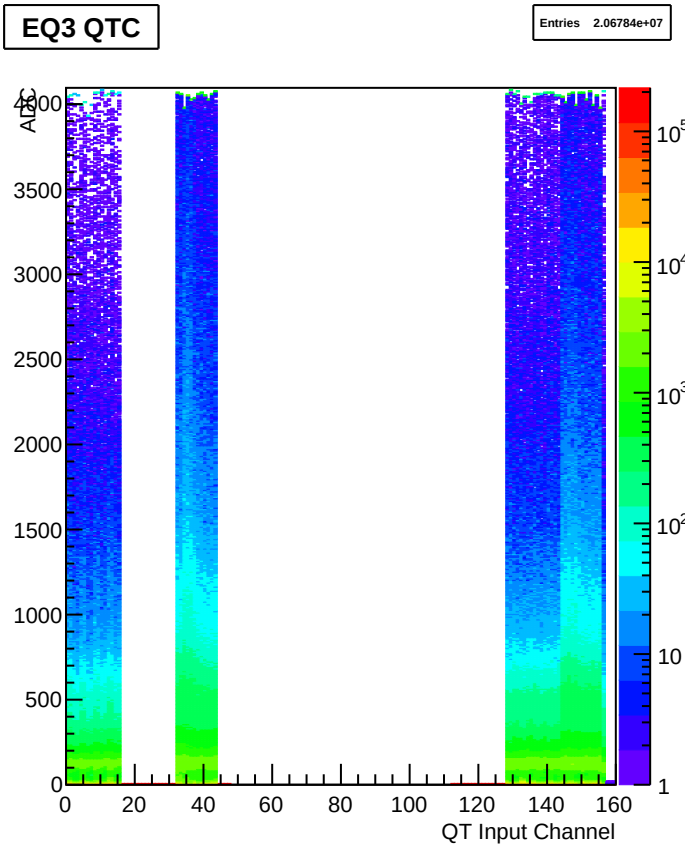

EQ2 QTB
Entries 2.075695e+07
TDC
QT Input Channel

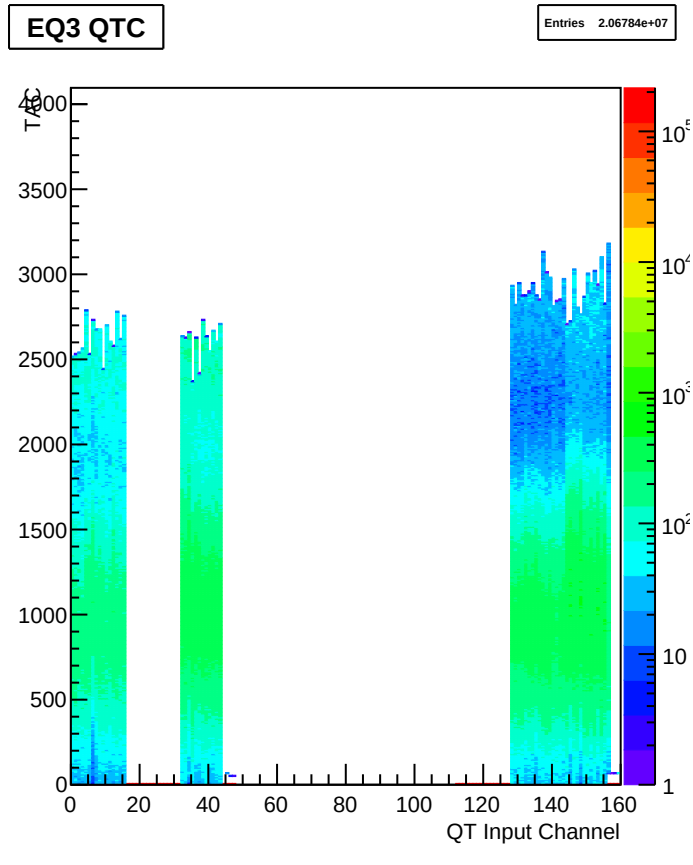

EQ2 QTC
Entries 2.06784e+07
ADC
QT Input Channel

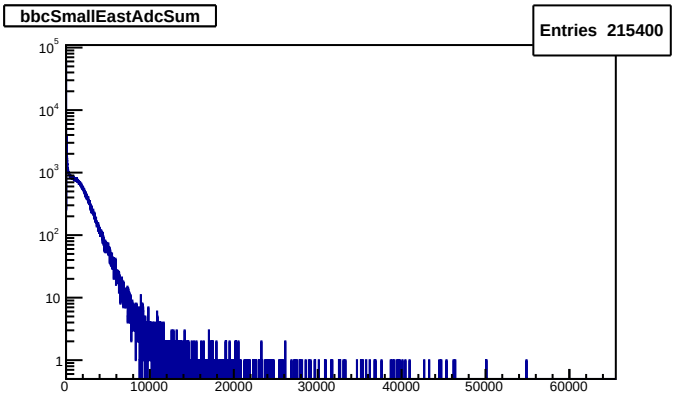

EQ2 QTC
Entries 2.06784e+07
TADC
QT Input Channel

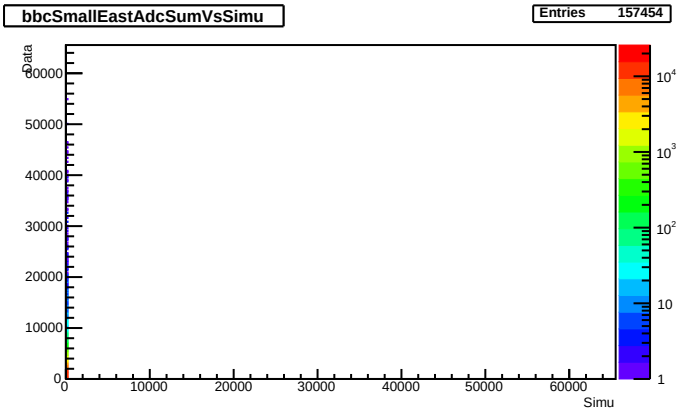

EQ3 QTB
Entries 5.51424e+07
ADC
QT Input Channel

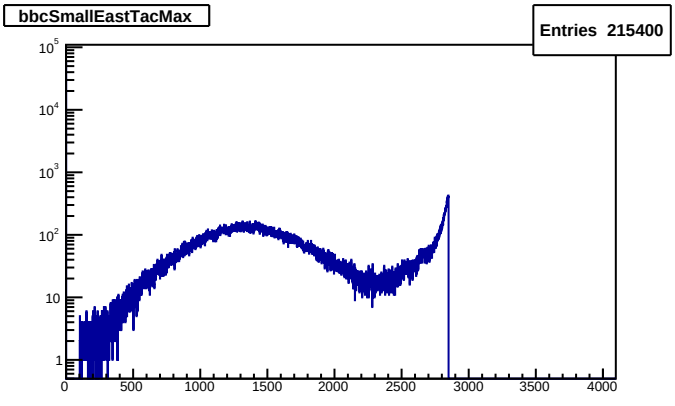

EQ3 QTB
Entries 1.682477e+07
TDC
QT Input Channel

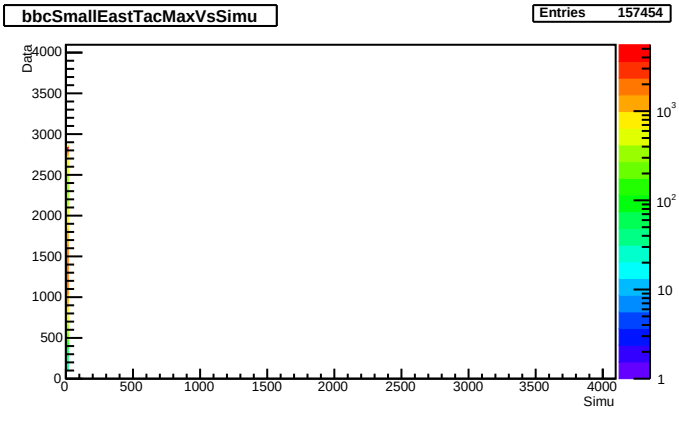

EQ3 QTC
Entries 2.06784e+07
ADC
QT Input Channel

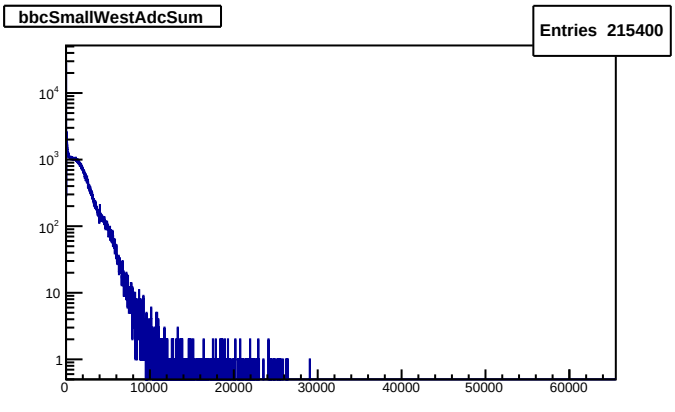

EQ3 QTC
Entries 2.06784e+07
TADC
QT Input Channel

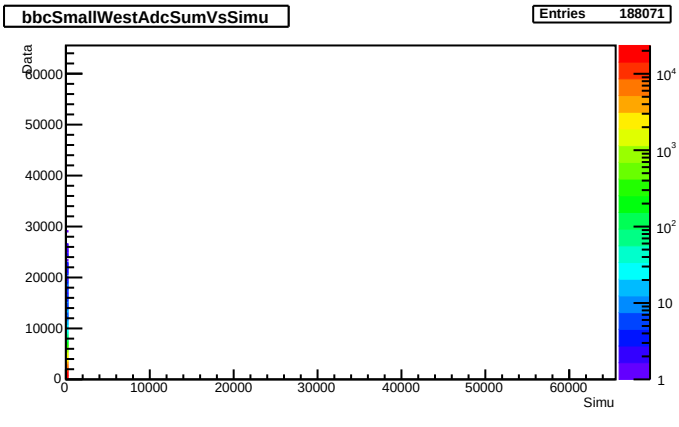

bbcSmallEastAdcSum
Entries 215400

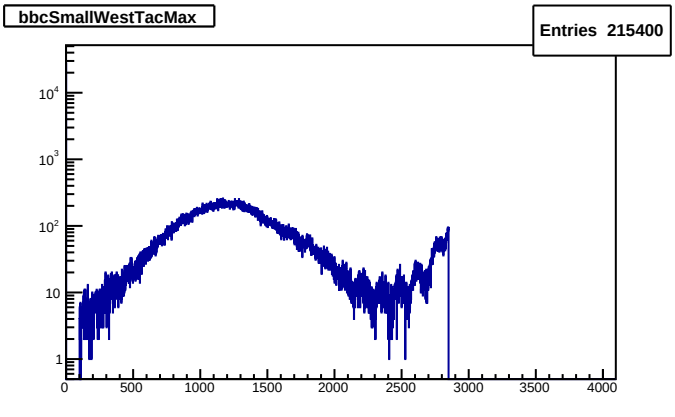

bbcSmallEastAdcSumVsSimu
Entries 157454
Data
Simu


bbcSmallEastTacMax
Entries 215400


bbcSmallEastTacMaxVsSimu
Entries 157454
Data
Simu


bbcSmallWestAdcSum
Entries 215400


bbcSmallWestAdcSumVsSimu
Entries 188071
Data
Simu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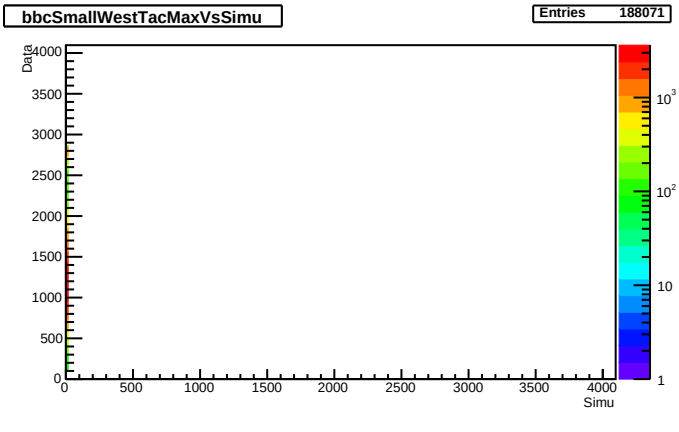
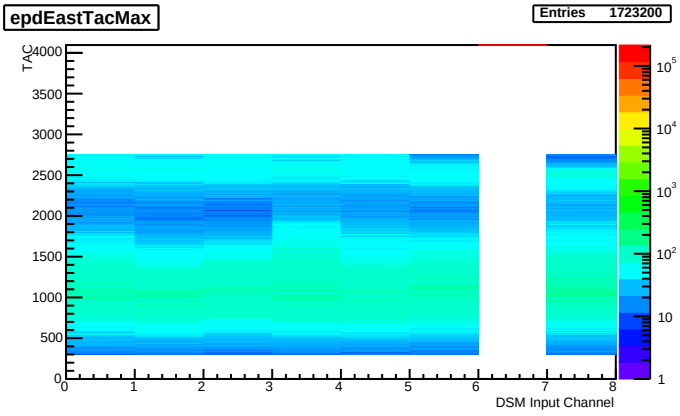
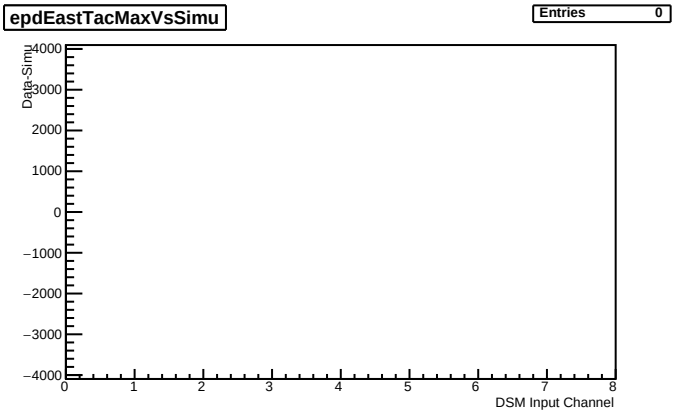
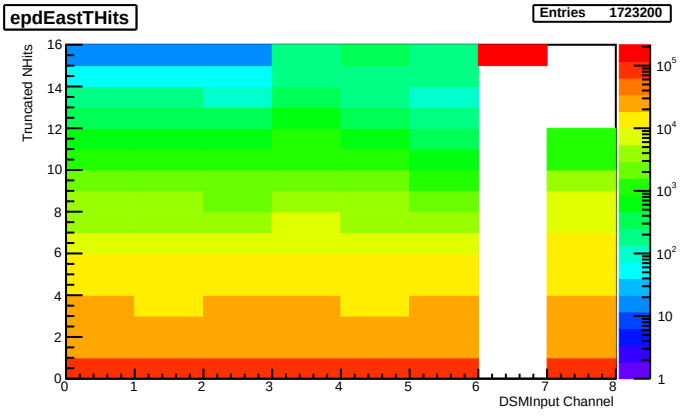
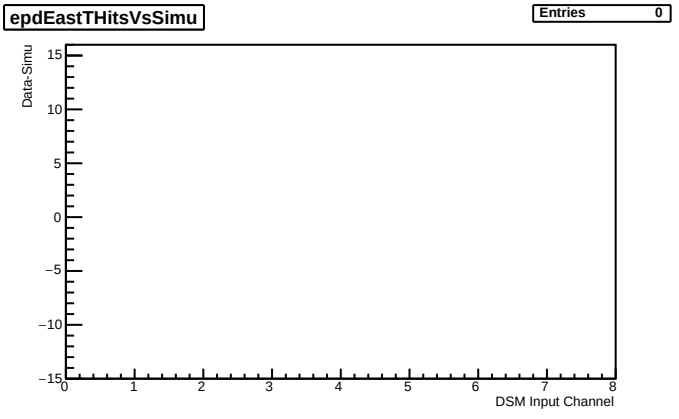
Entries 215400


bbcSmallWestTacMaxVsSimu
Entries 188071
Data
Simu


epdEastTacMax
Entries 1723200
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1723200
Truncated NHits
DSMInput Channel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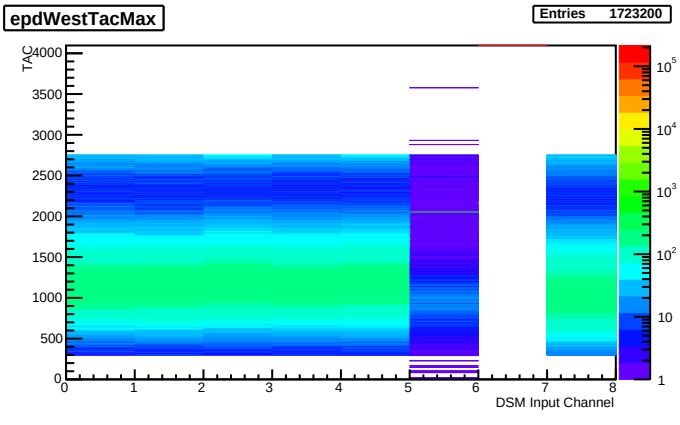
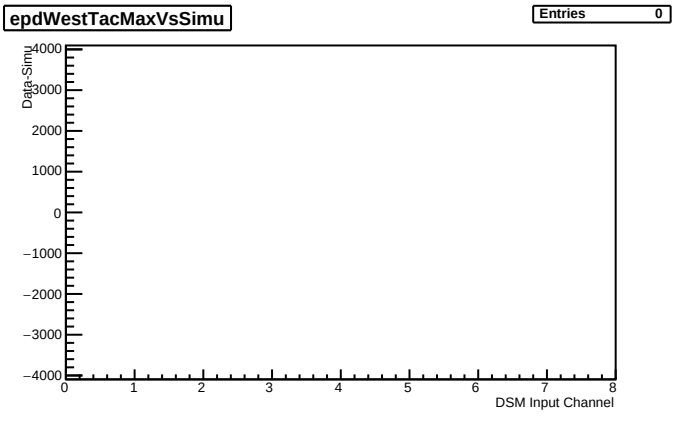
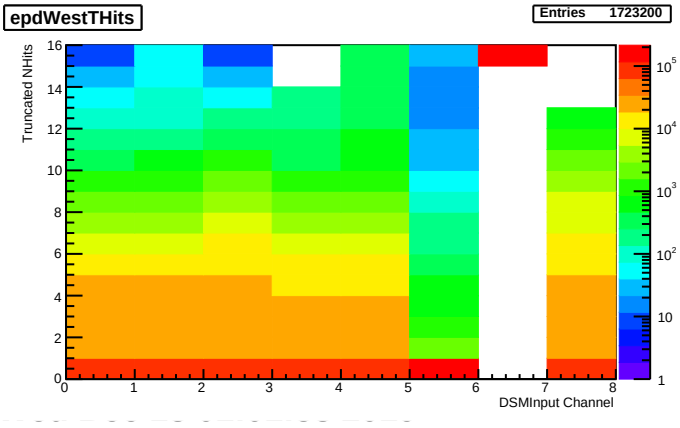
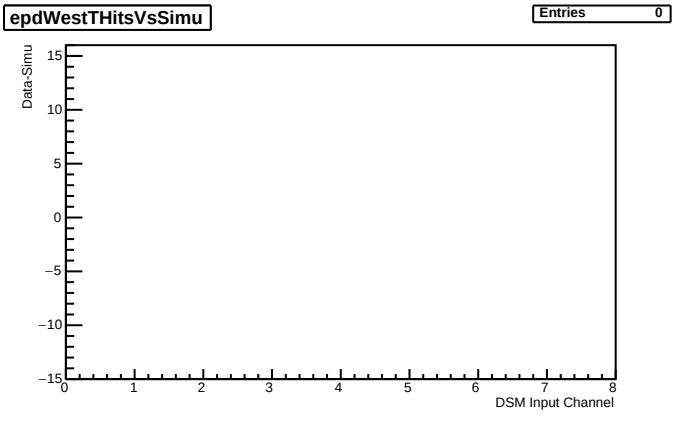
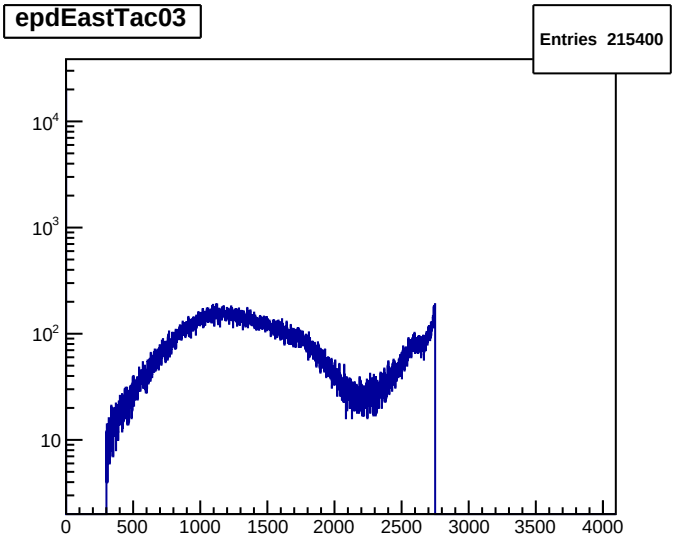
Entries 0
Data-Simu
DSM Input Channel

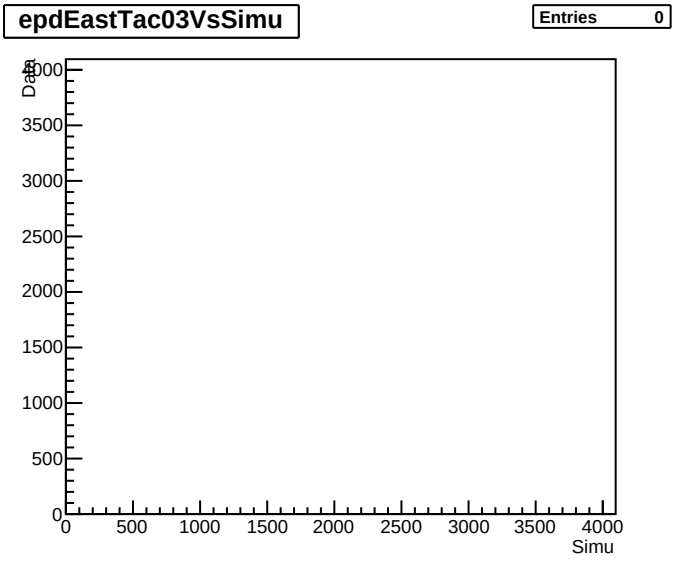

epdWestTacMax
Entries 1723200
TAC
DSM Input Channel

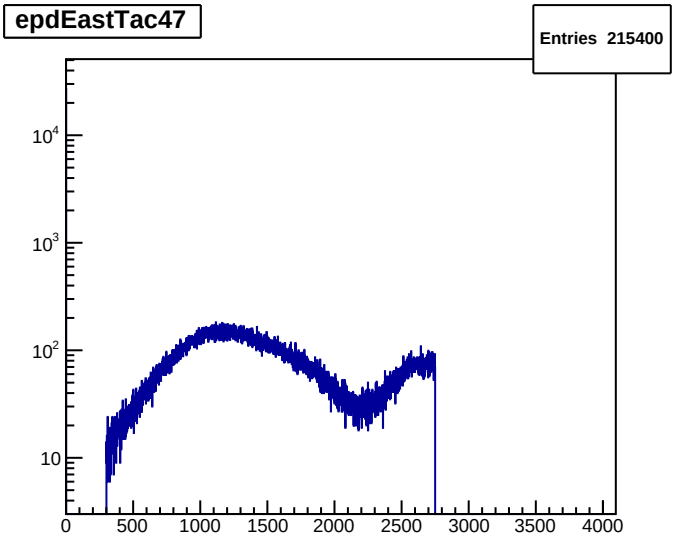

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

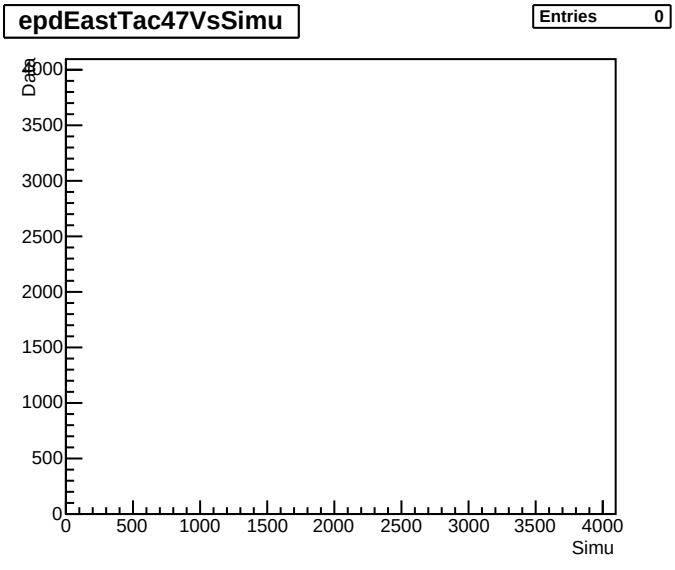

epdWestTHits
Entries 1723200
Truncated NHits
DSMInput Channel

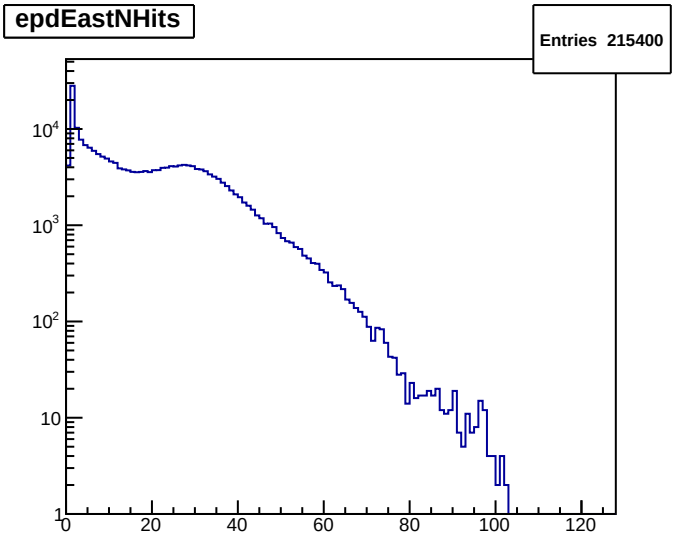

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

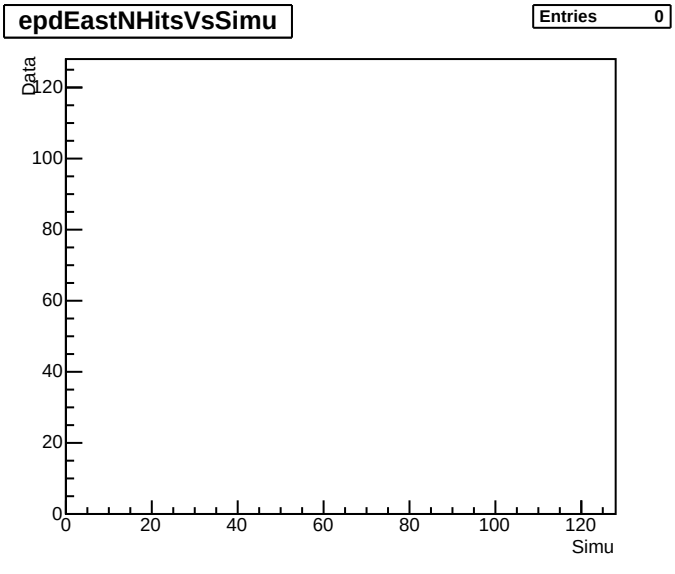

epdEastTac03
Entries 215400


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 215400


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 215400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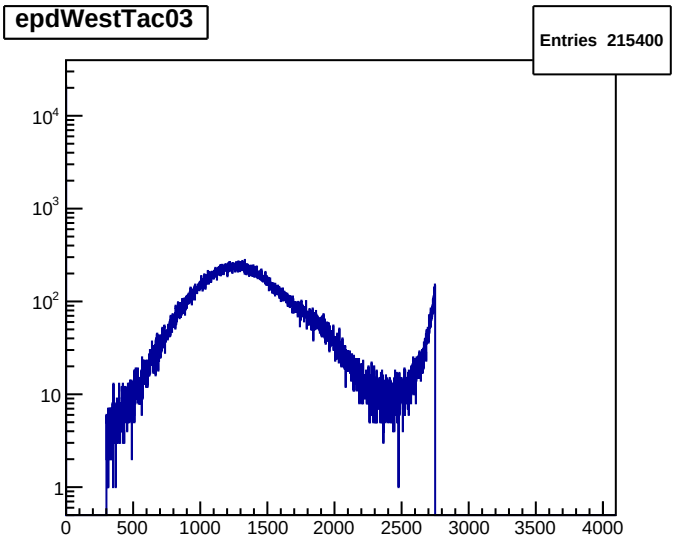
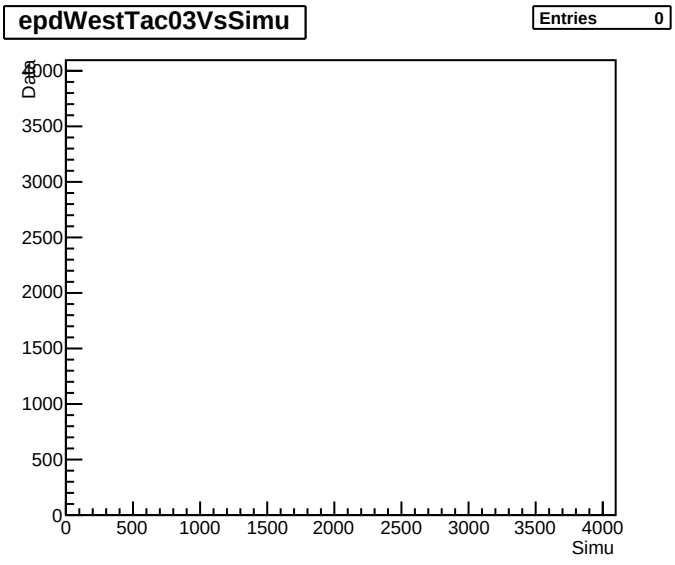
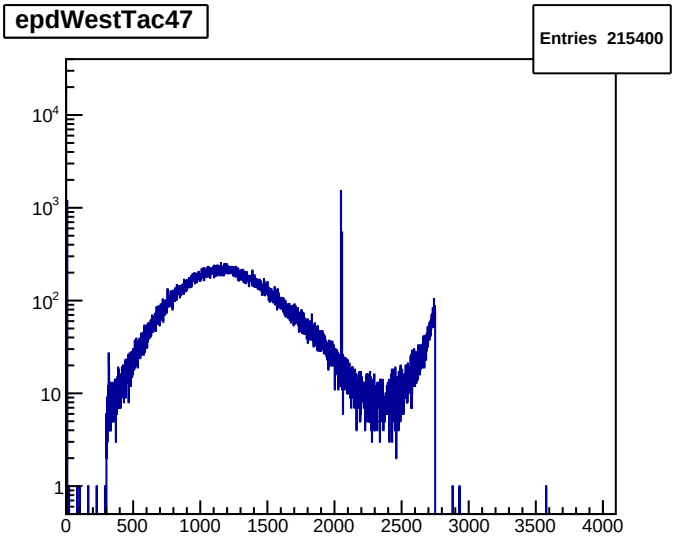
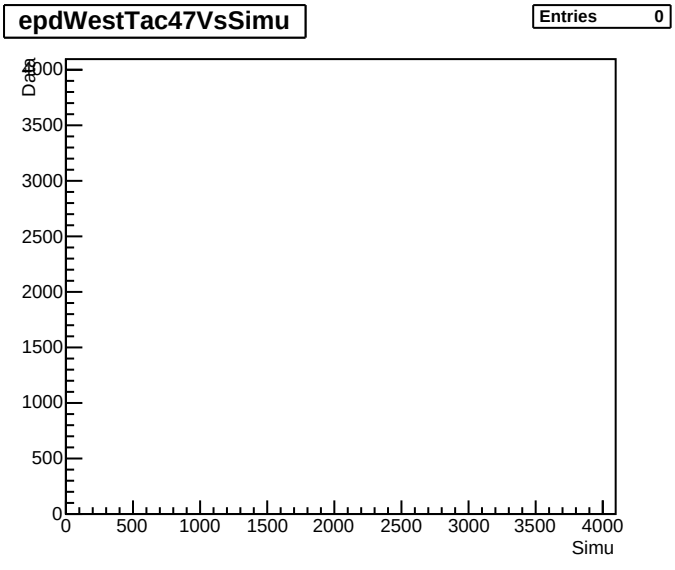
Entries 0
Data
Simu


epdWestTac03
Entries 215400


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 215400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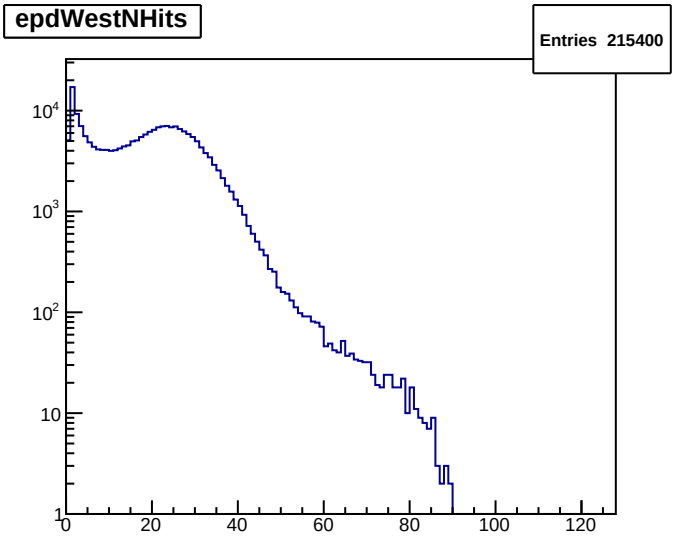
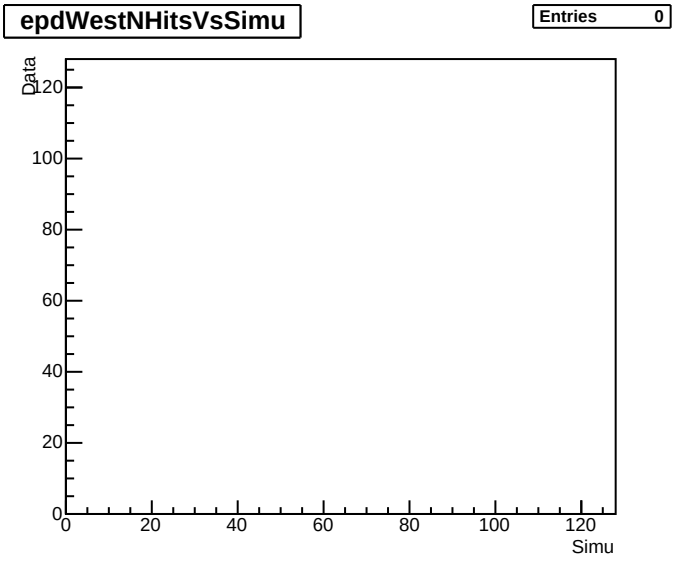
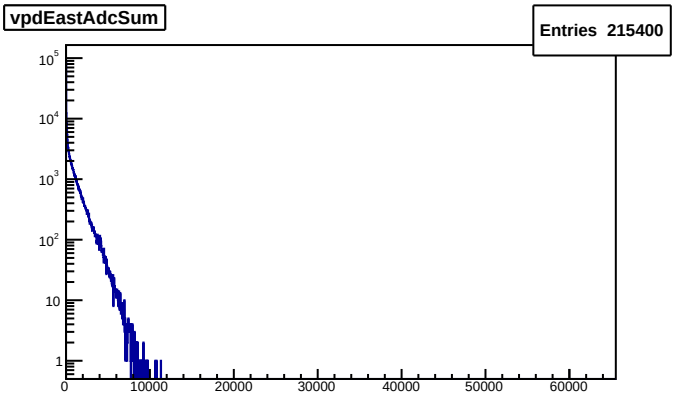
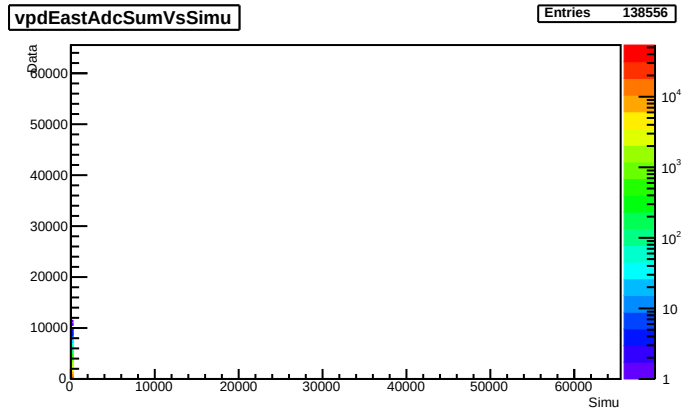
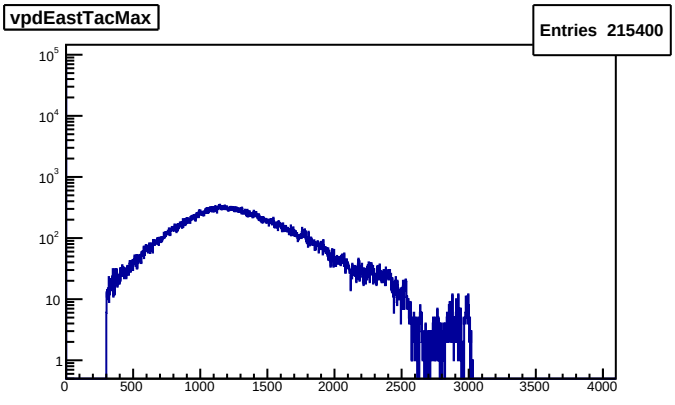
Entries 0
Data
Simu

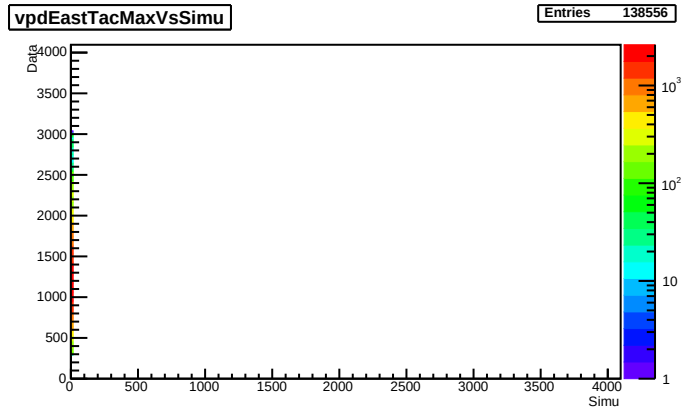

epdWestNHits
Entries 215400

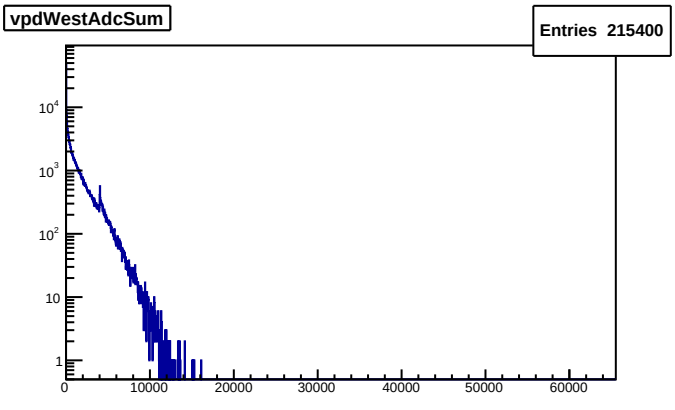

epdWestNHitsVsSimu
Entries 0
Data
Simu

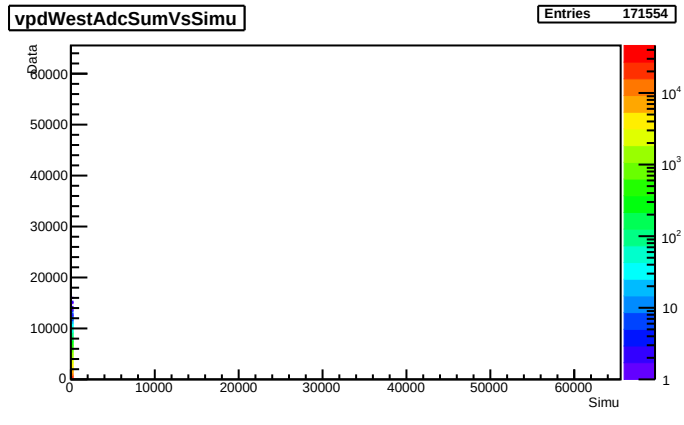

vpdEastAdcSum
Entries 215400

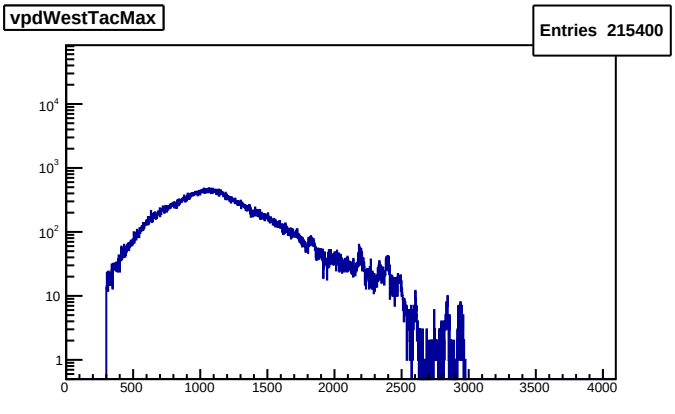

vpdEastAdcSumVsSimu
Entries 138556
Data
Simu

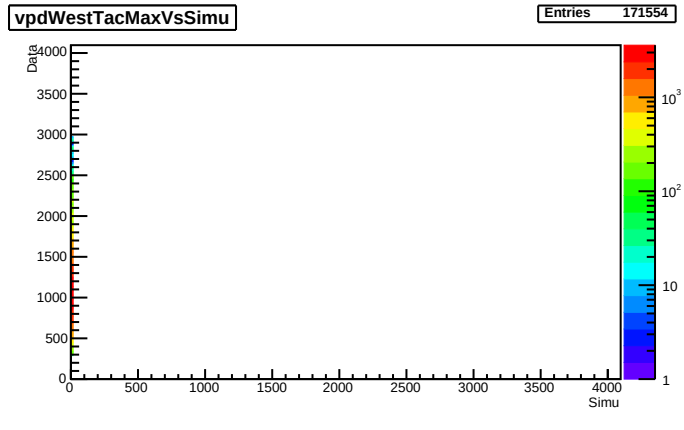

vpdEastTacMax
Entries 215400

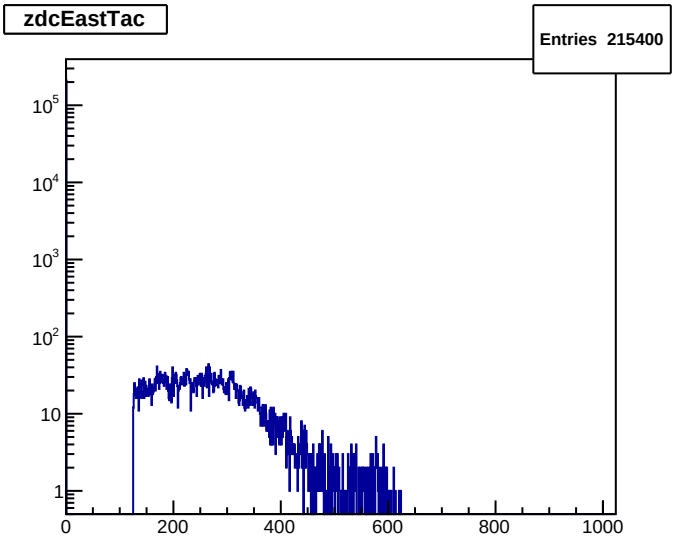

vpdEastTacMaxVsSimu
Entries 138556
Data
Simu

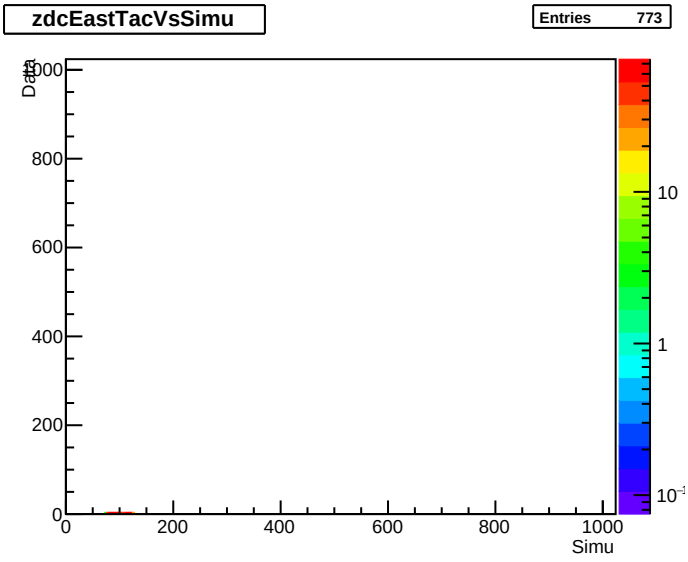

vpdWestAdcSum
Entries 215400

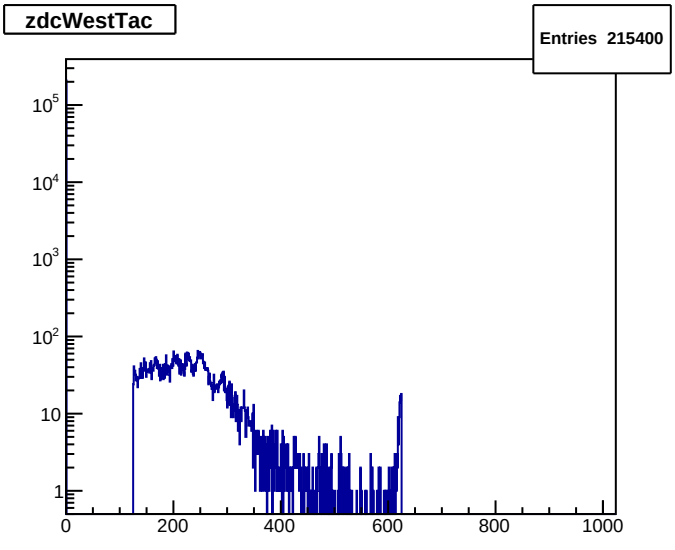

vpdWestAdcSumVsSimu
Entries 171554
Data
Simu

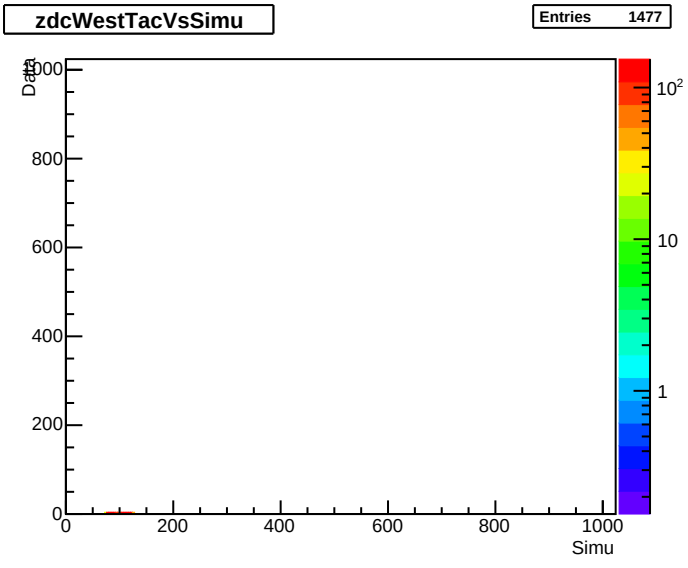

vpdWestTacMax
Entries 215400

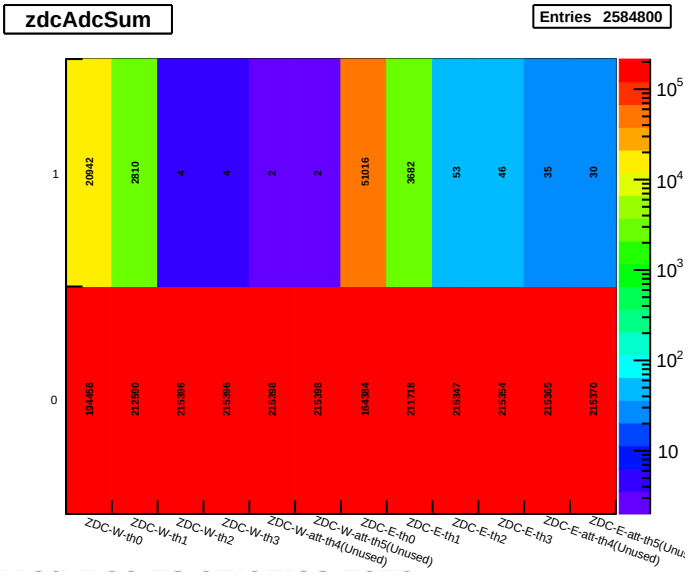

vpdWestTacMaxVsSimu
Entries 171554
Data
Simu

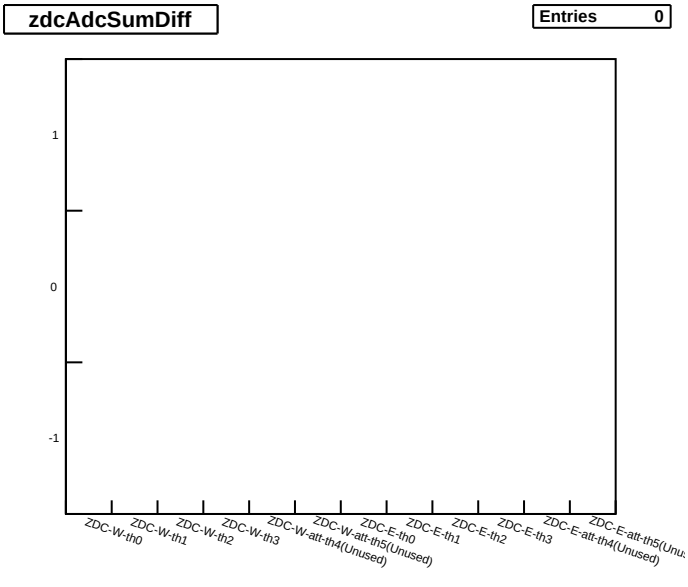

zdcEastTac
Entries 215400

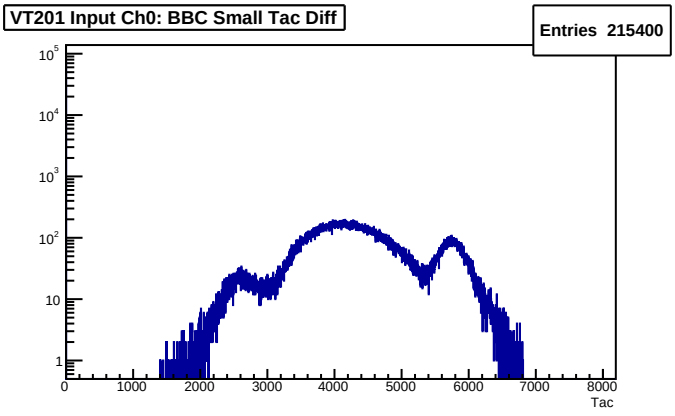

zdcEastTacVsSimu
Entries 773
Data
Simu

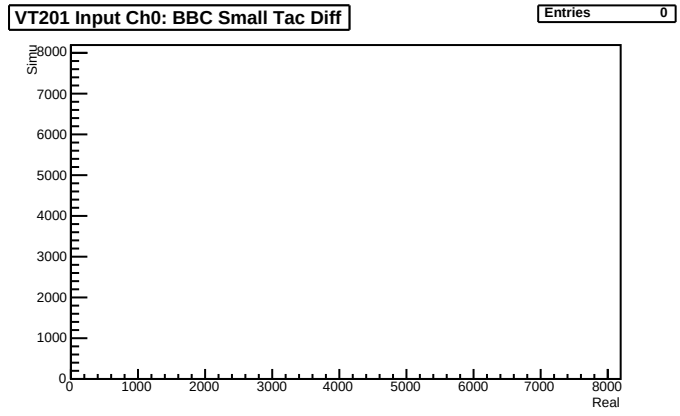

zdcWestTac
Entries 215400

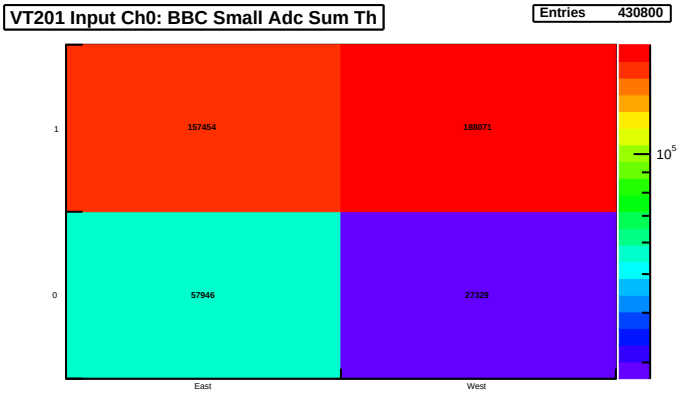

zdcWestTacVsSimu
Entries 1477
Data
Simu

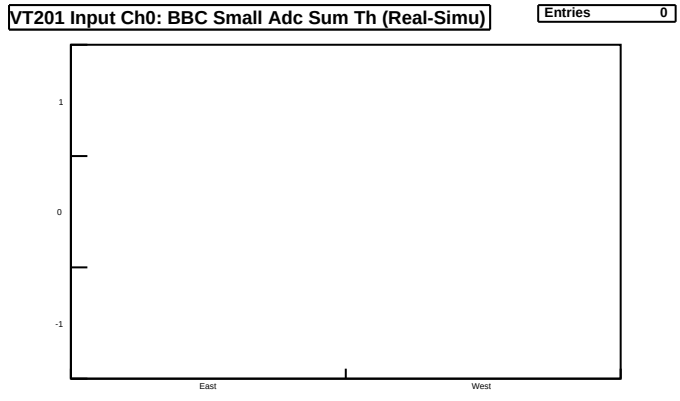

zdcAdcSum
Entries 2584800
20942
2810
4
4
2
2
51016
3682
53
46
35
30
194498
212590
215396
215396
215398
215398
164384
211718
215347
215354
215365
215370
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

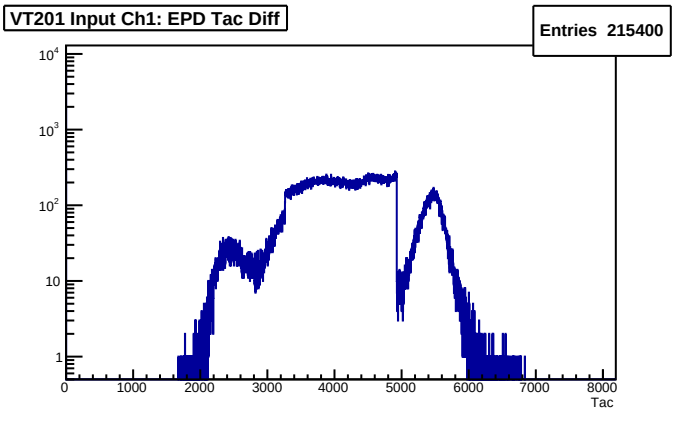

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

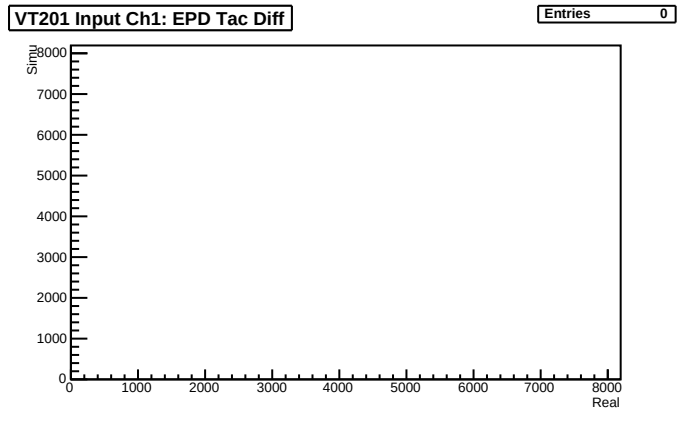

VT201 Input Ch0: BBC Small Tac Diff
Entries 215400
Tac

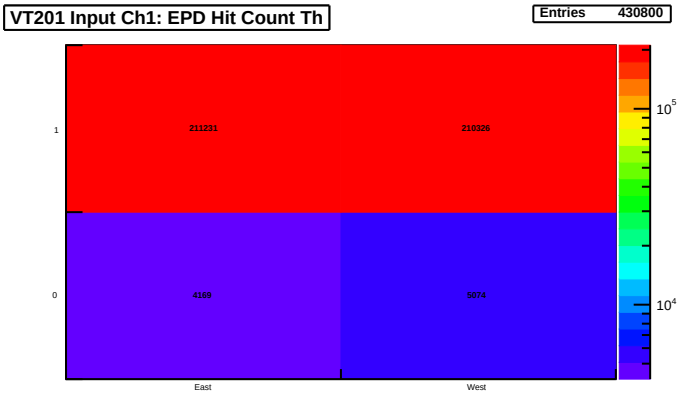

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

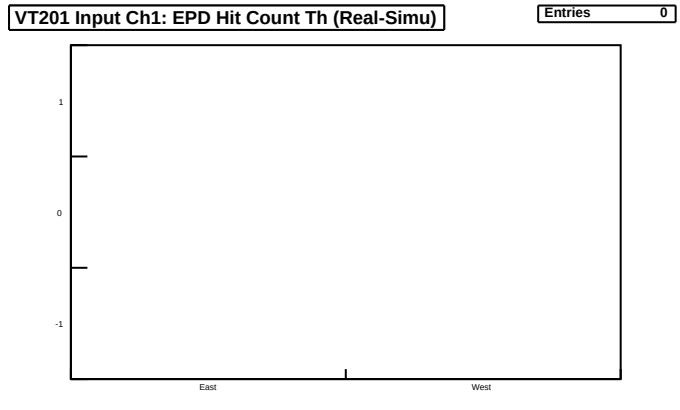

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 430800
157454
188071
57946
27329
East
West

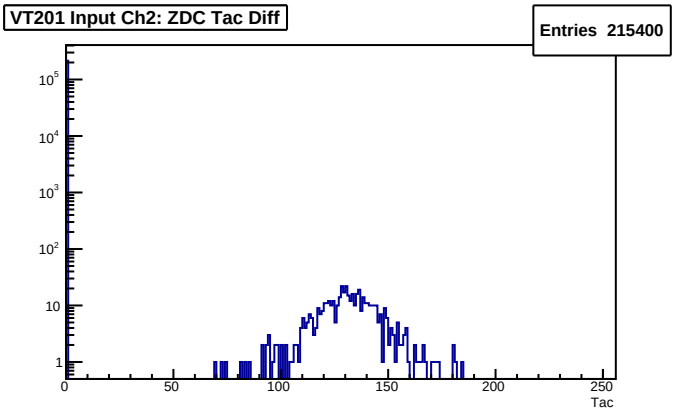

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

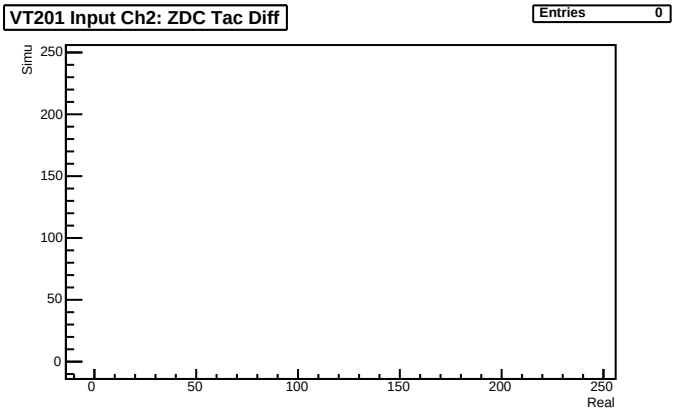

VT201 Input Ch1: EPD Tac Diff
Entries 215400
Tac

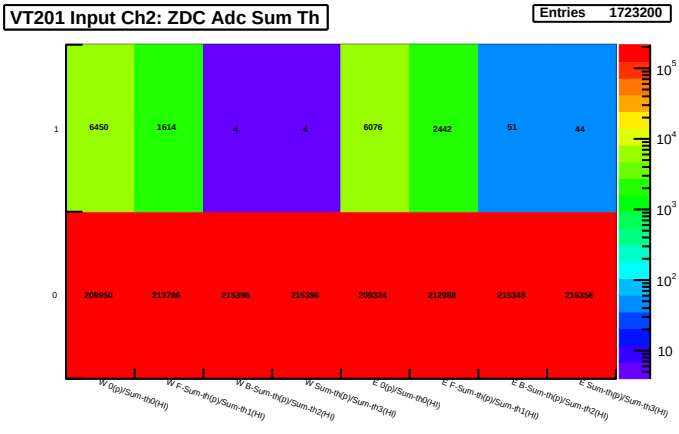

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

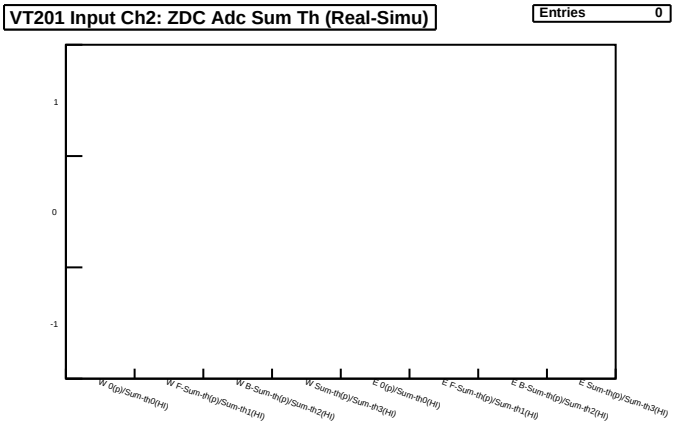

VT201 Input Ch1: EPD Hit Count Th
Entries 430800
211231
210326
4169
5074
East
West

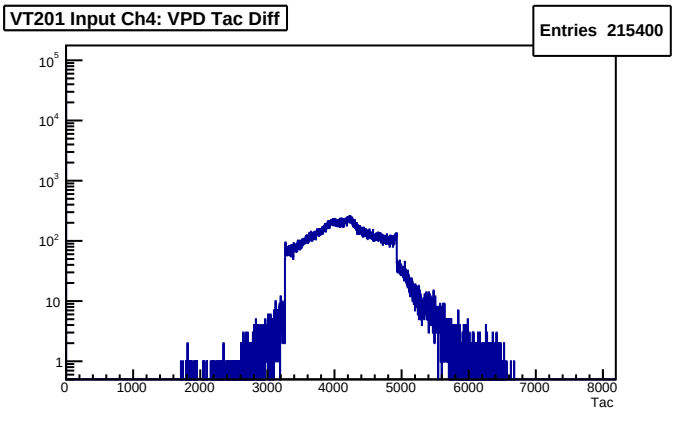

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

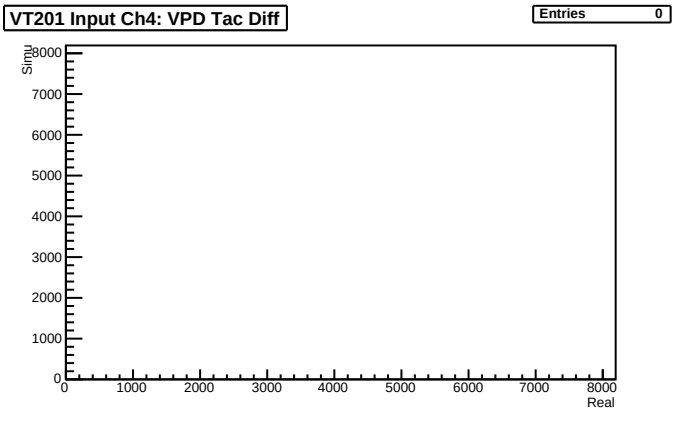

VT201 Input Ch2: ZDC Tac Diff
Entries 215400
Tac

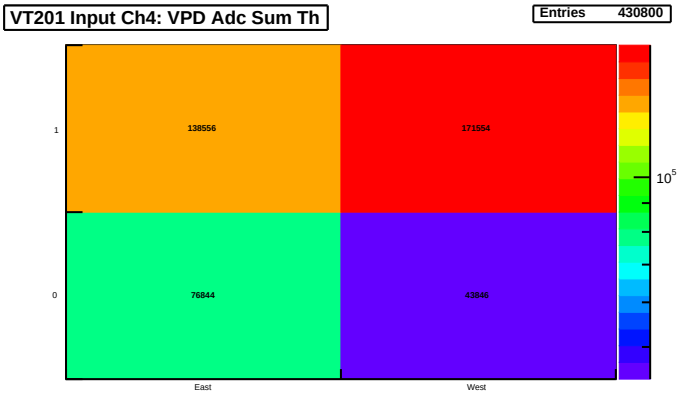

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

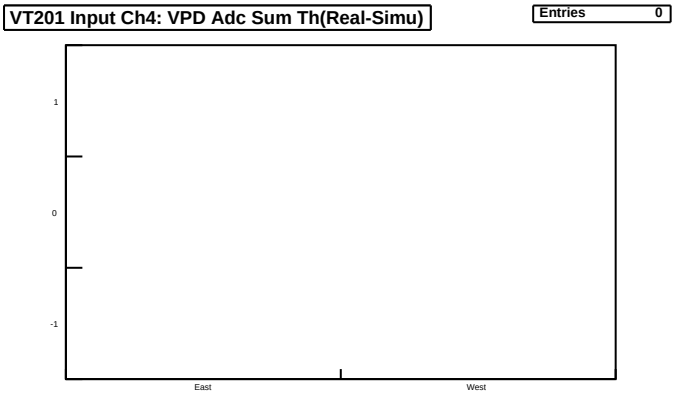

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1723200
6450
1614
4
4
6076
2442
51
44
208950
213786
215396
215396
209324
212958
215349
215356
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

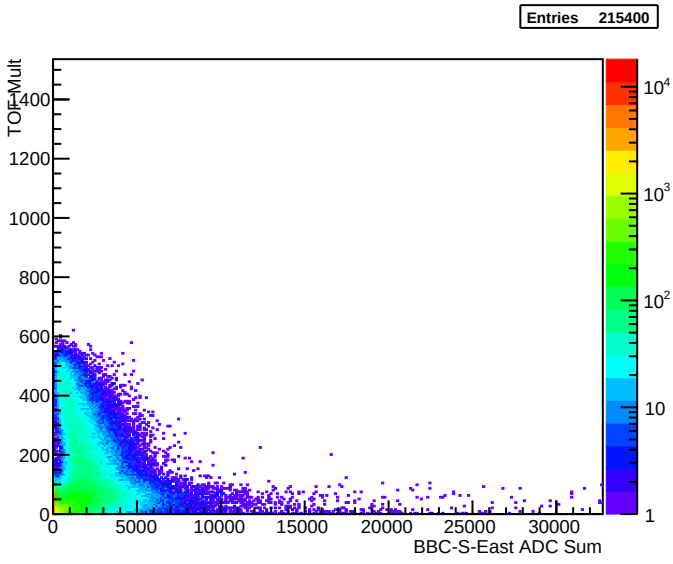

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

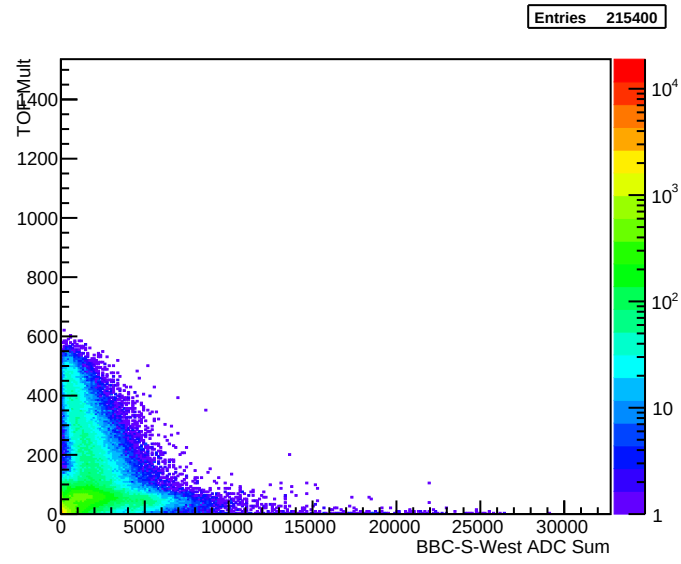

VT201 Input Ch4: VPD Tac Diff
Entries 215400
Tac

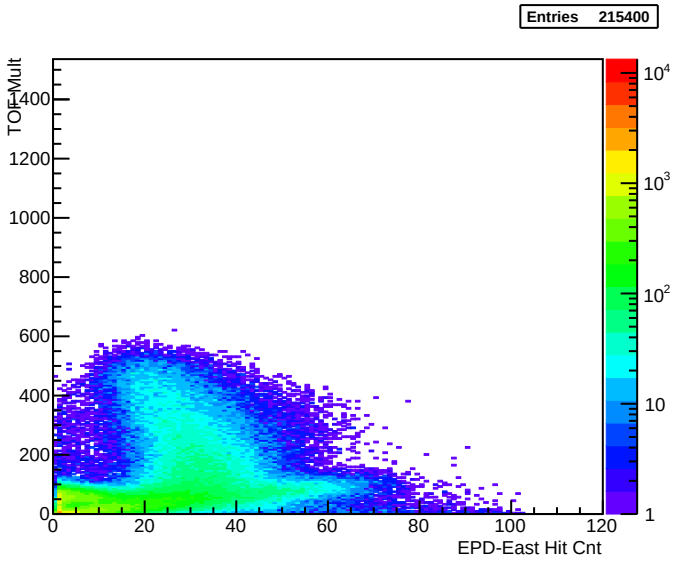

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

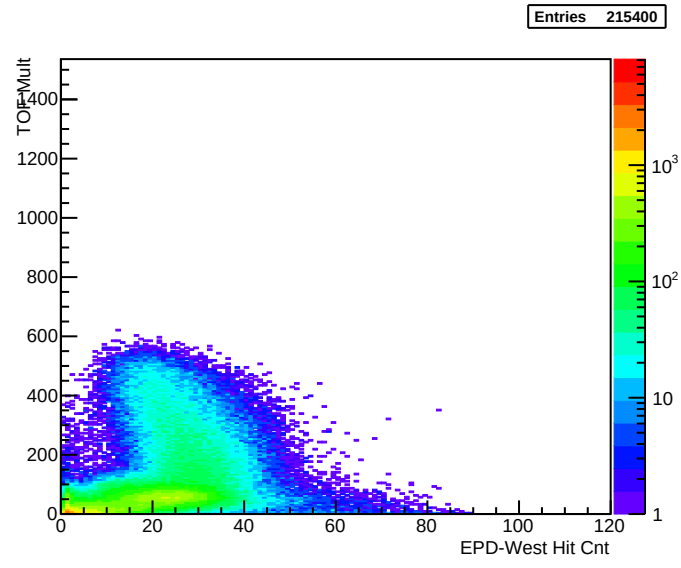

VT201 Input Ch4: VPD Adc Sum Th
Entries 430800
138556
171554
76844
43846
East
West

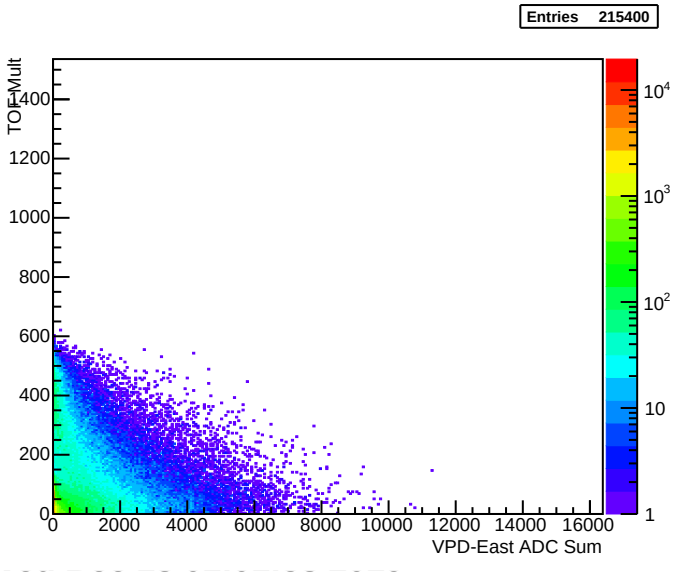

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

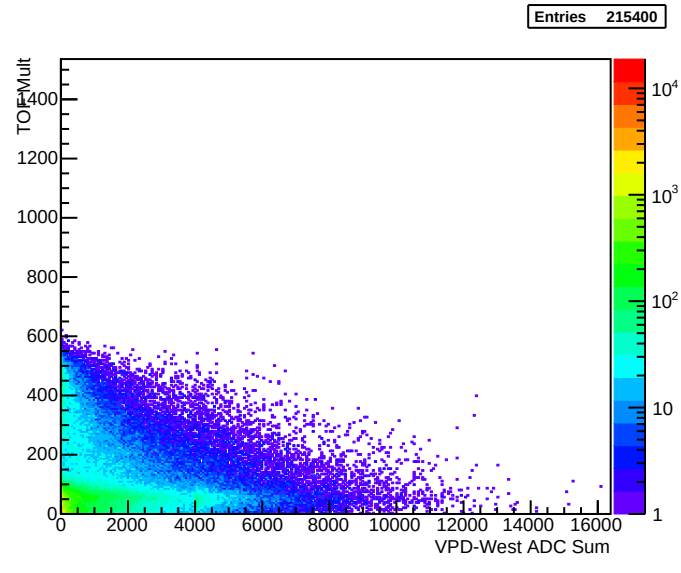

Entries 215400
TOF-Mult
BBC-S-East ADC Sum

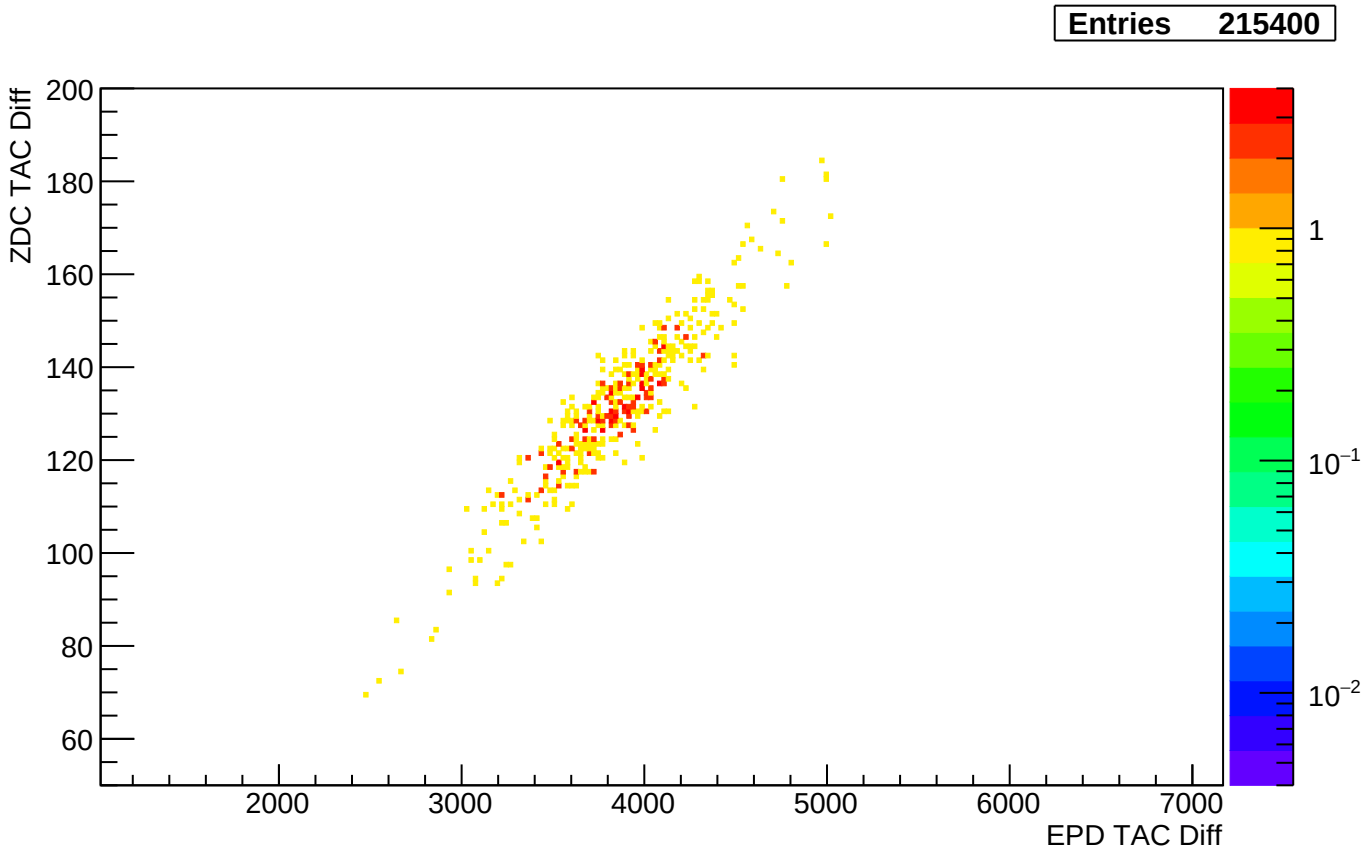

Entries 215400
TOF-Mult
BBC-S-West ADC Sum

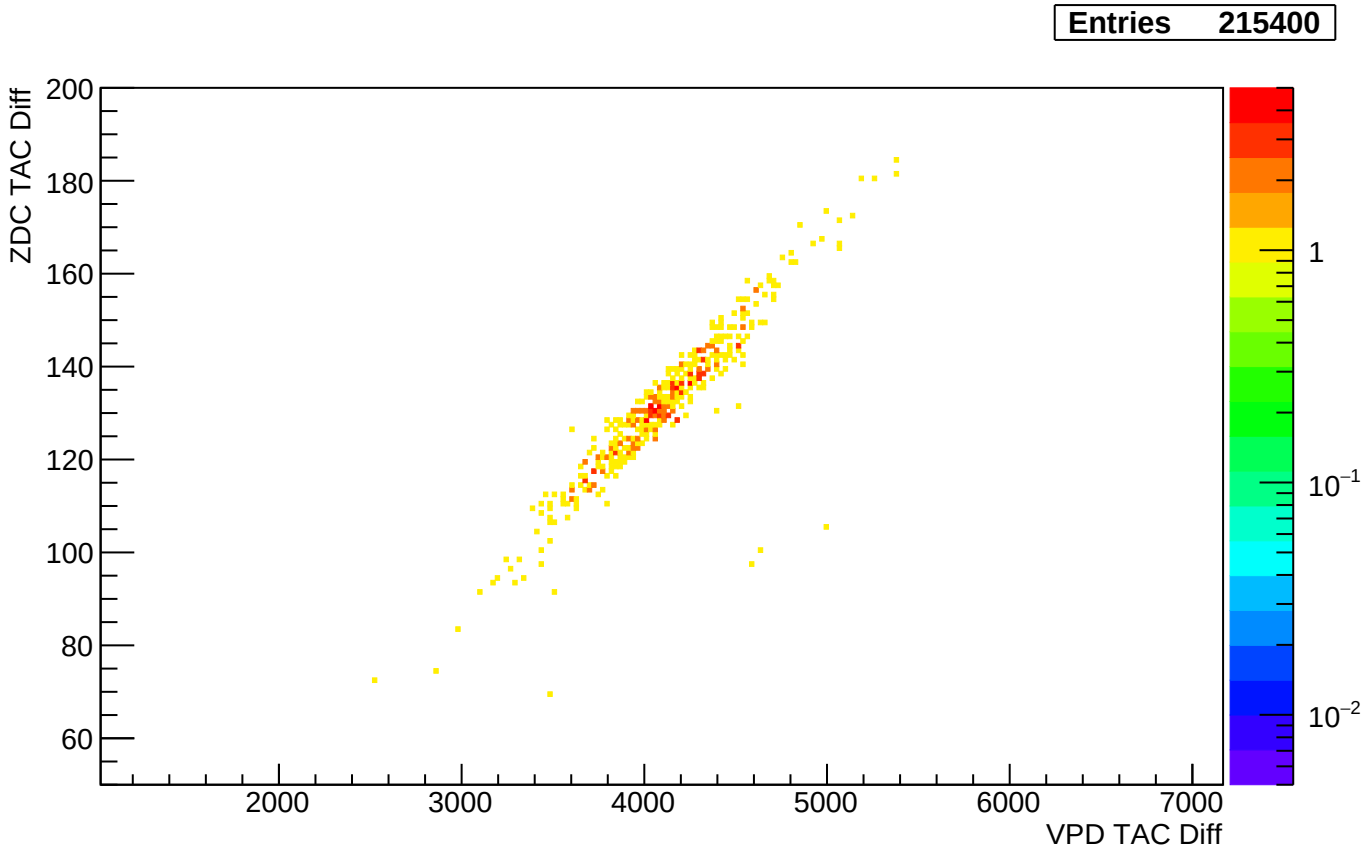

Entries 215400
TOF-Mult
EPD-East Hit Cnt

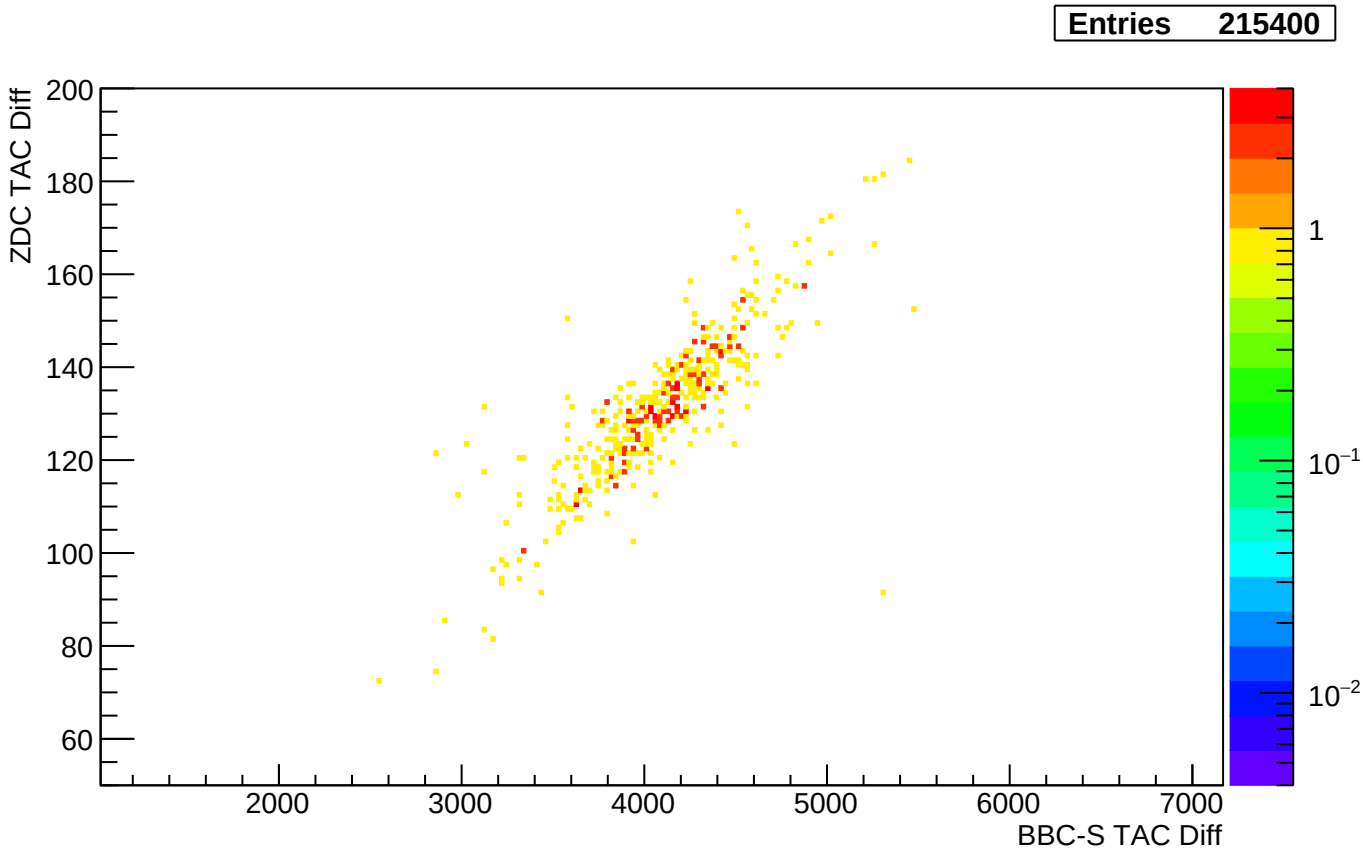

Entries 215400
TOF-Mult
EPD-West Hit Cnt

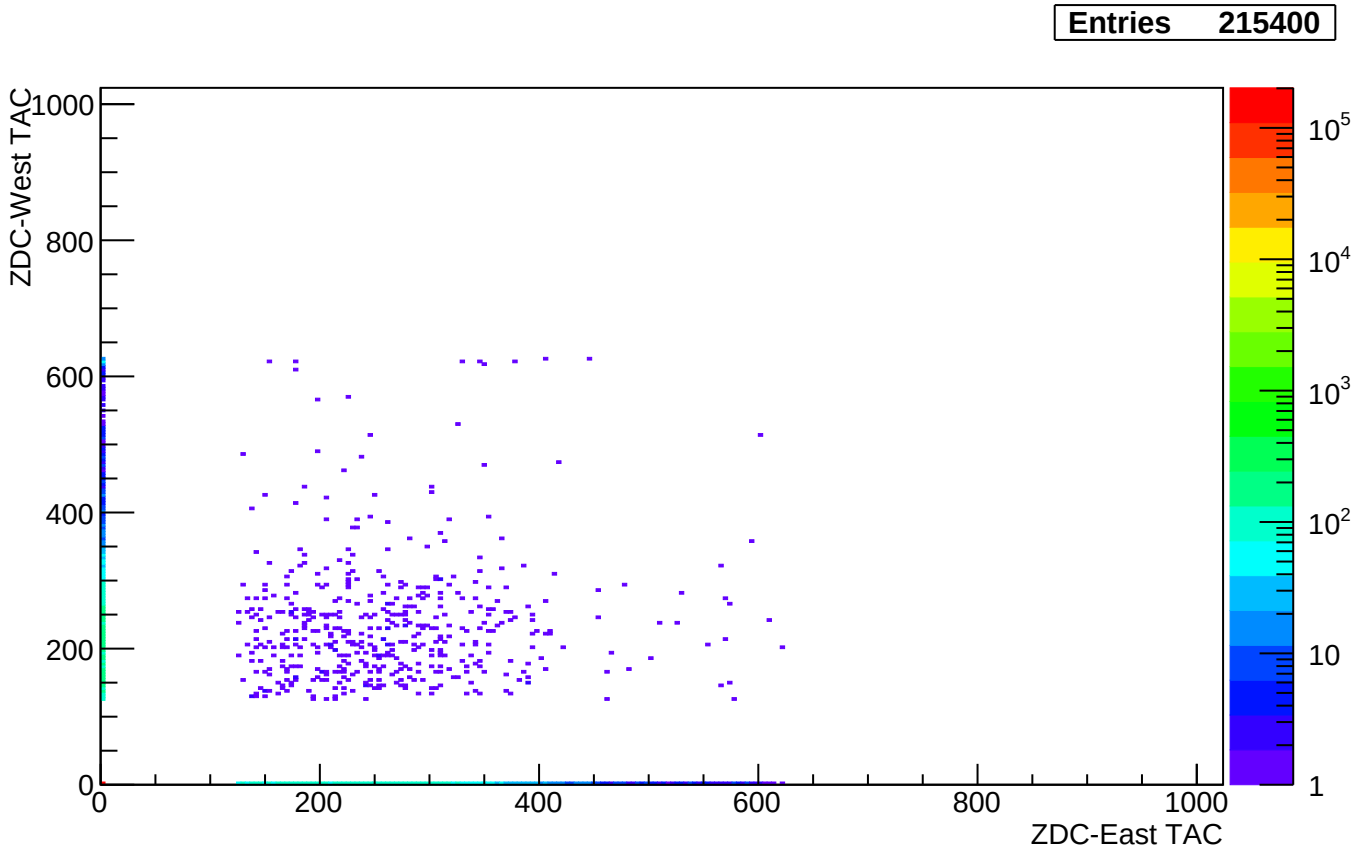

Entries 215400
TOF-Mult
VPD-East ADC Sum

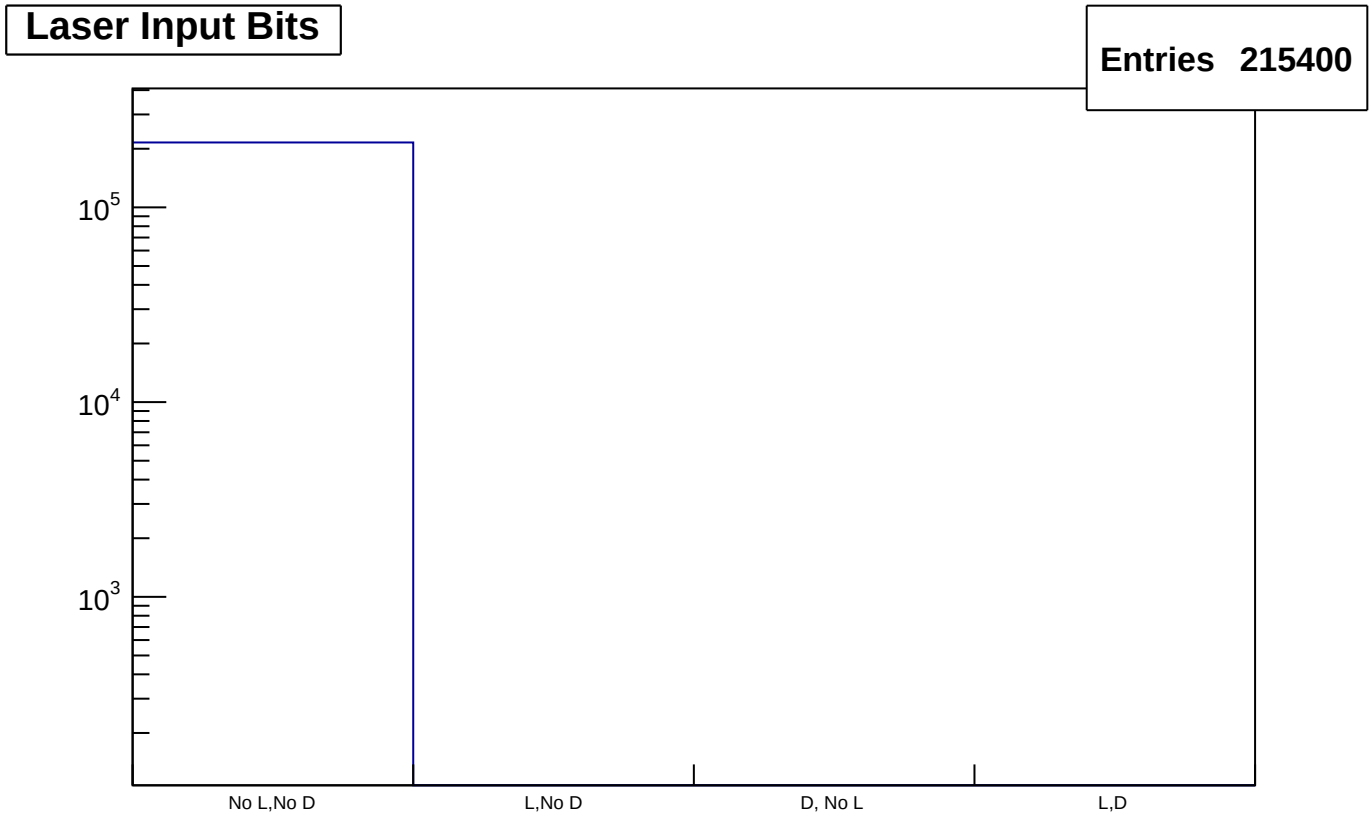

Entries 215400
TOF-Mult
VPD-West ADC Sum

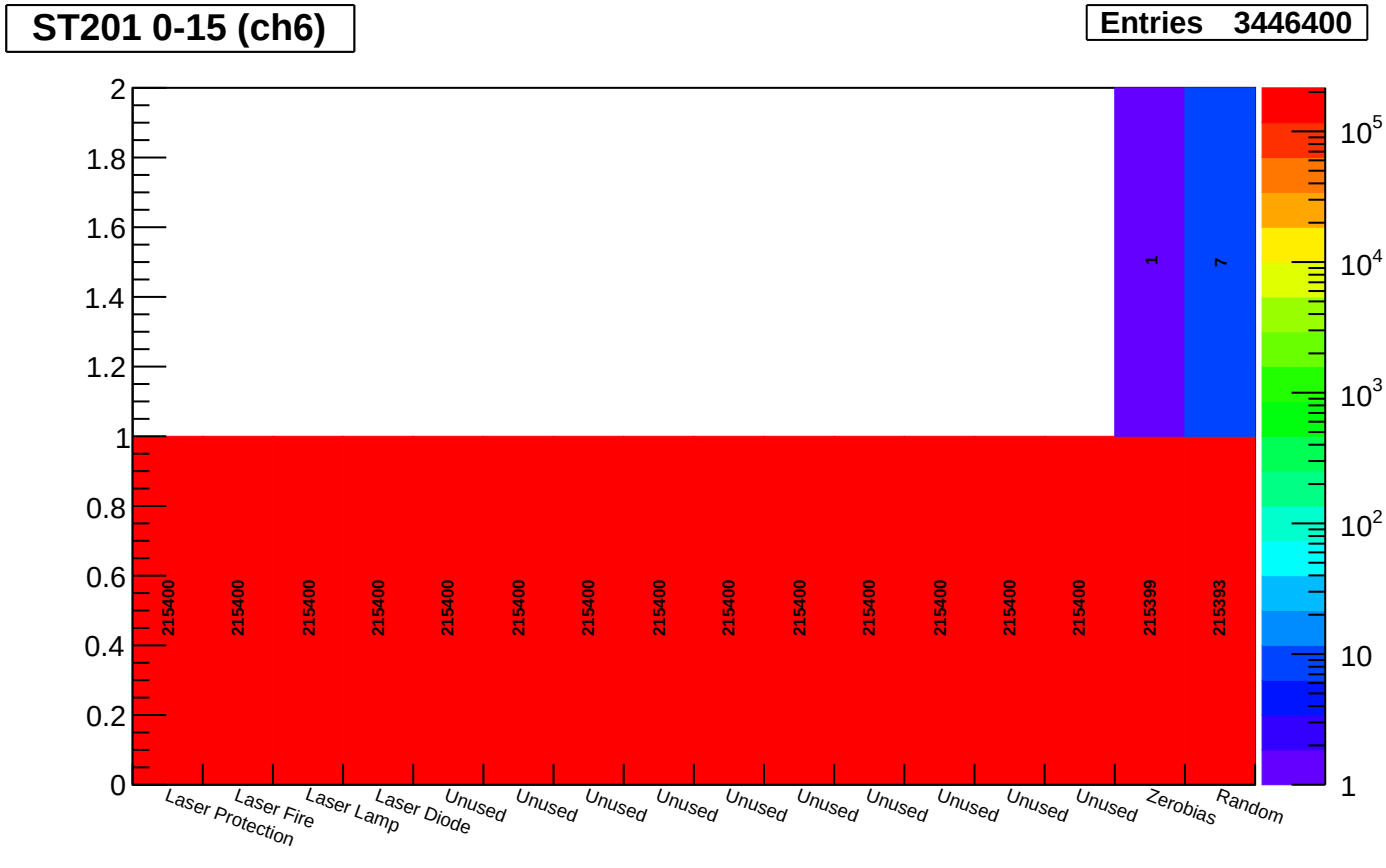

Entries 215400
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

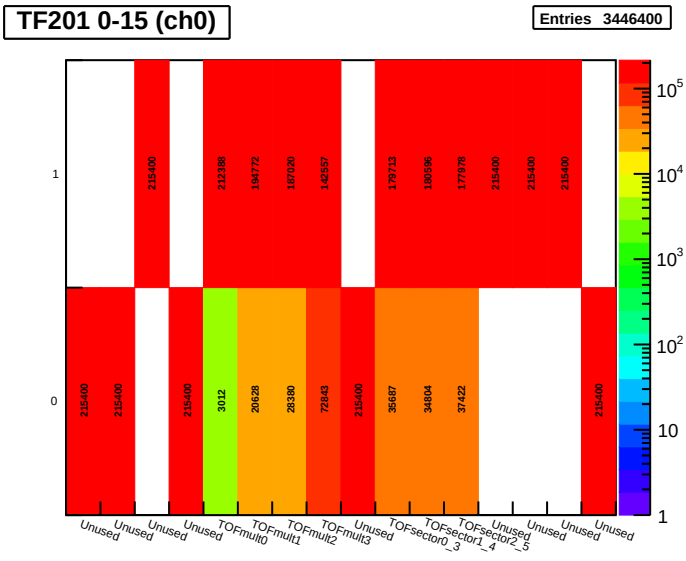

Entries 215400
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

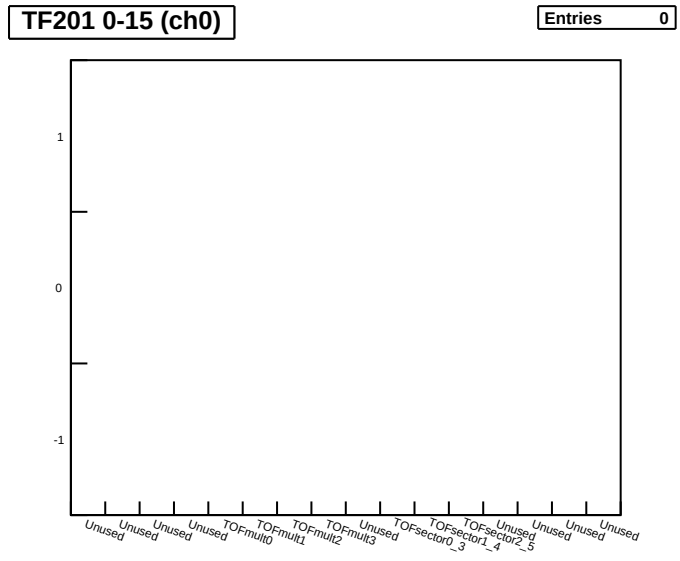

Entries 215400
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

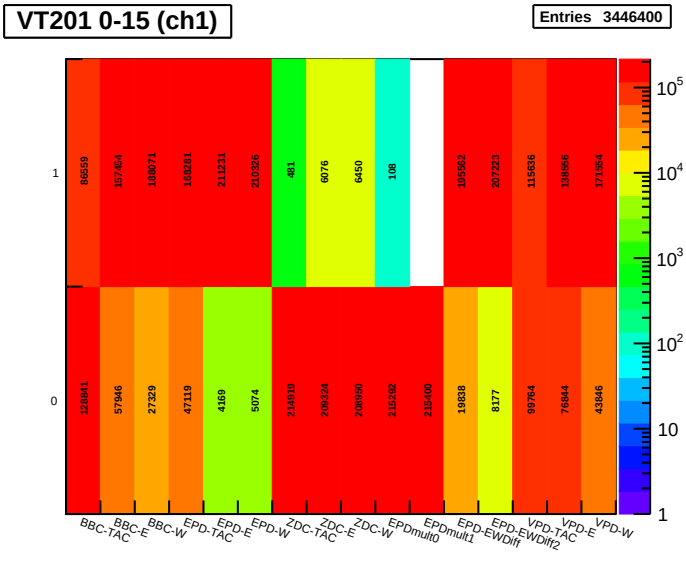

Entries 215400
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

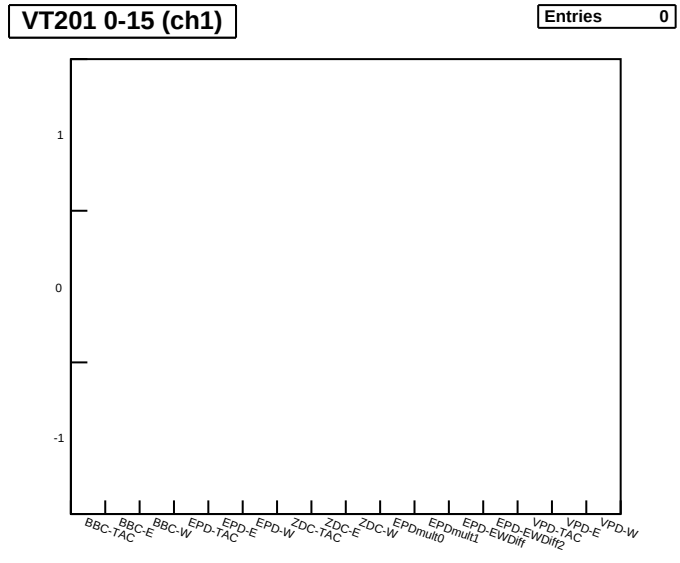

Laser Input Bits
Entries 215400
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

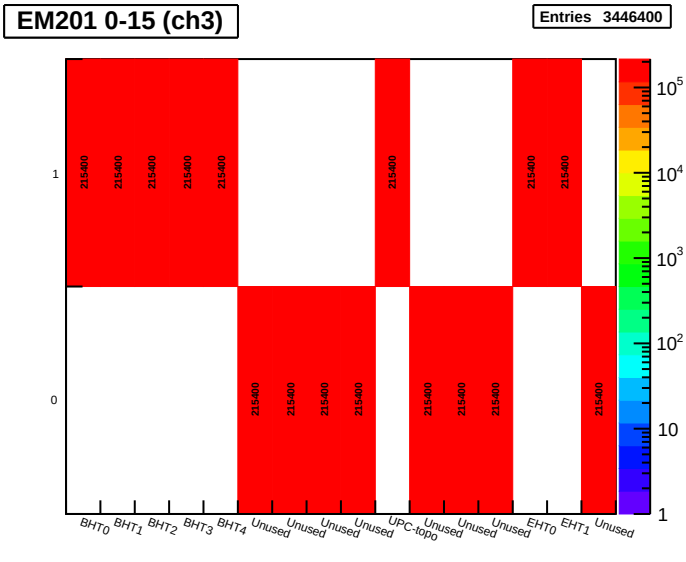

ST201 0-15 (ch6)
Entries 3446400
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
215400
215400
215400
215400
215400
215400
215400
215400
215400
215400
215400
215400
215400
215400
215399
215393
1
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

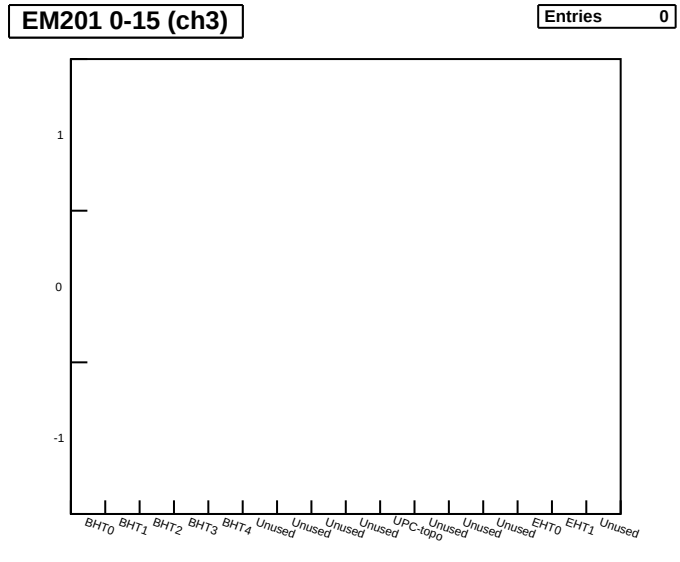

TF201 0-15 (ch0)
Entries 3446400
1
0
215400 212388 194772 187020 142557 179713 180596 177978 215400 215400 215400
215400 215400 215400 3012 20628 28380 72843 215400 35687 34804 37422 215400
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
$10^5$ $10^4$ $10^3$ $10^2$ 10 1


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


VT201 0-15 (ch1)
Entries 3446400
1
0
86559 157454 188071 168281 211231 210326 481 6076 6450 108 195562 207223 115636 138556 171554
128841 57946 27329 47119 4169 5074 214919 209324 208950 215292 215400 19838 8177 99764 76844 43846
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 3446400
1
0
215400 215400 215400 215400 215400 215400 215400 215400 215400
215400 215400 215400 215400 215400 215400 215400 215400
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