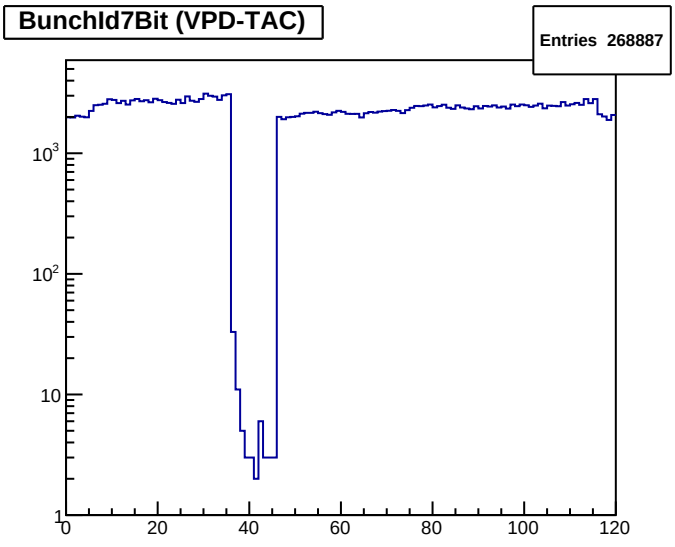
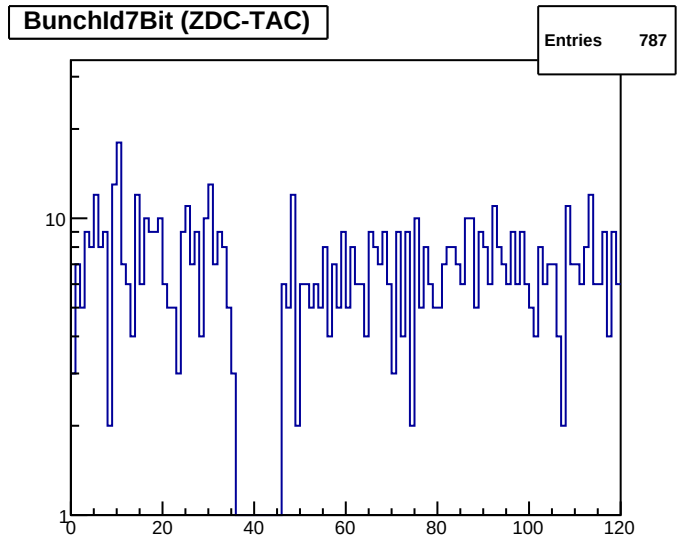
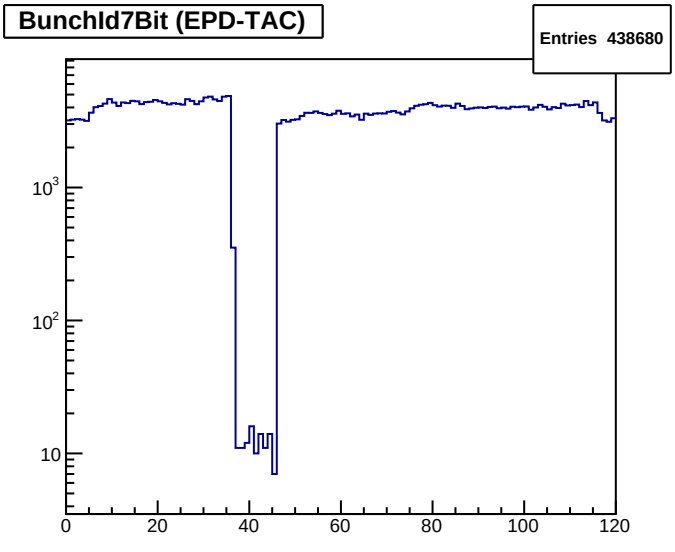
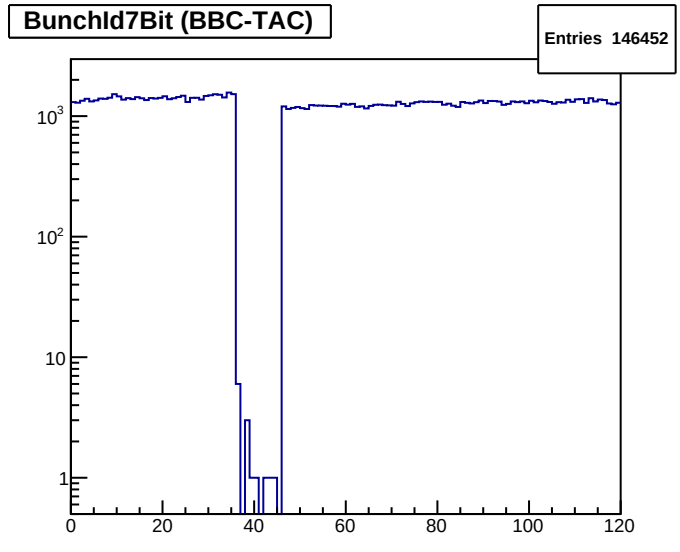
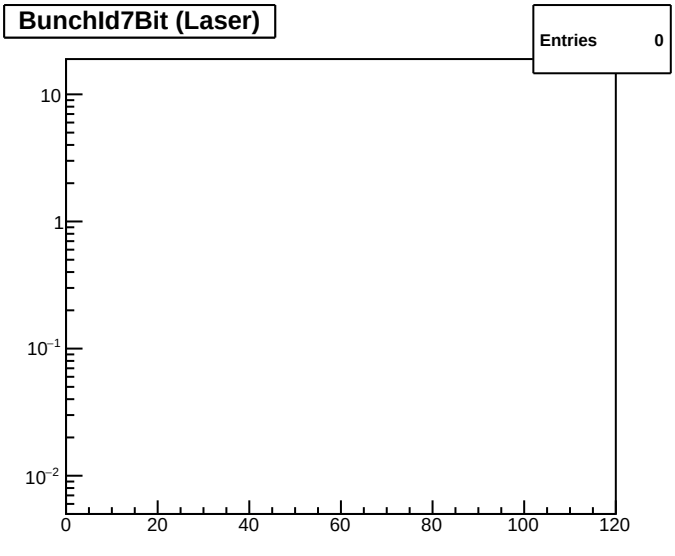
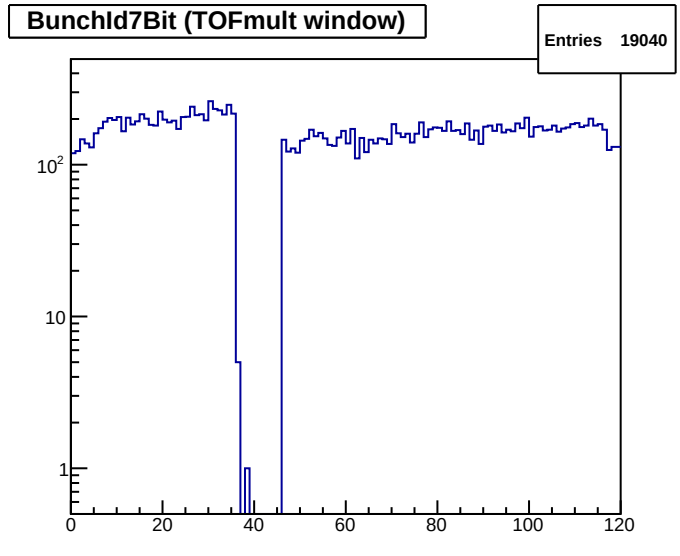

BunchId7Bit (VPD-TAC)
Entries 268887

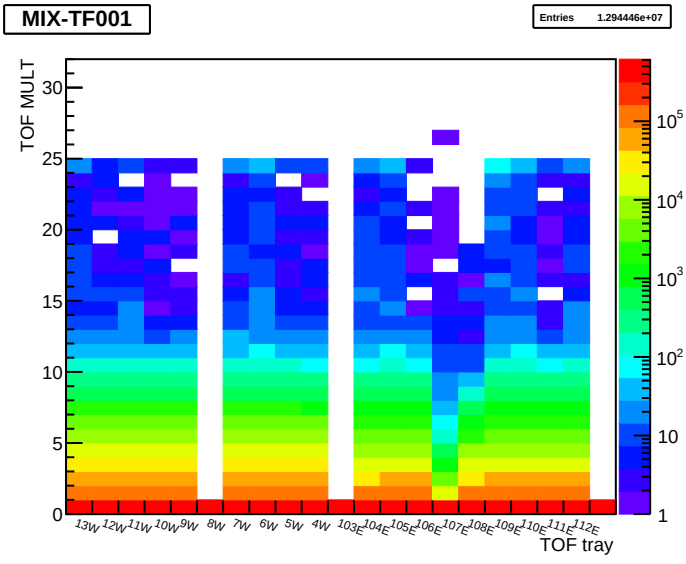

BunchId7Bit (ZDC-TAC)
Entries 787

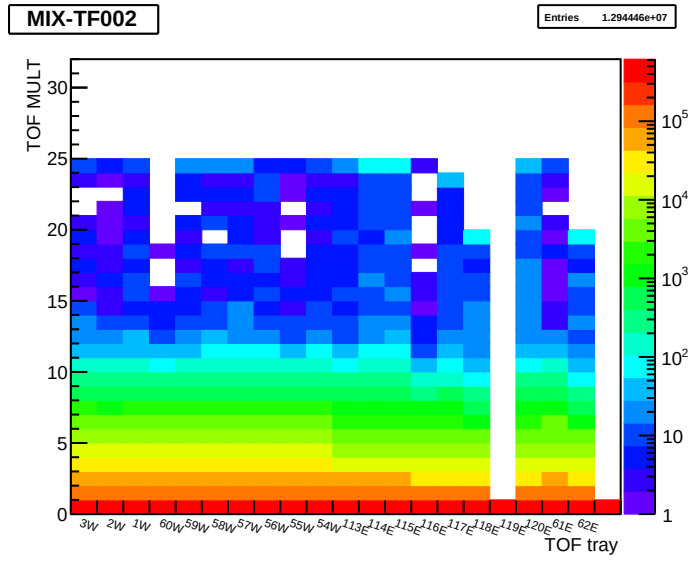

BunchId7Bit (EPD-TAC)
Entries 438680

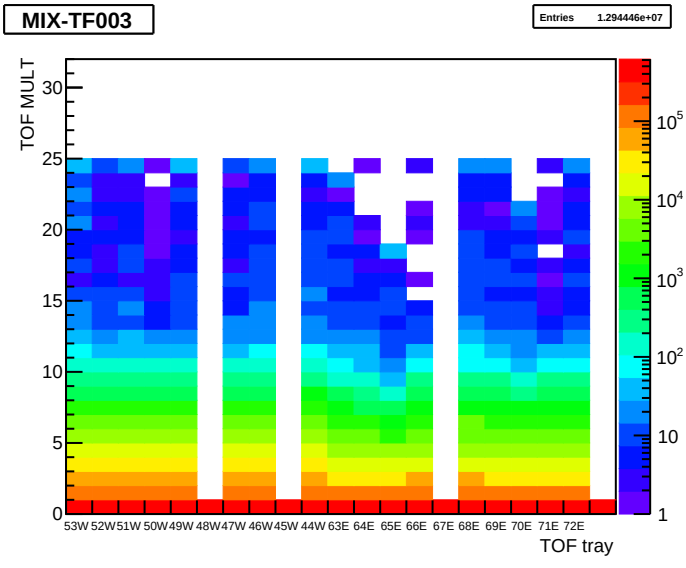

BunchId7Bit (BBC-TAC)
Entries 146452

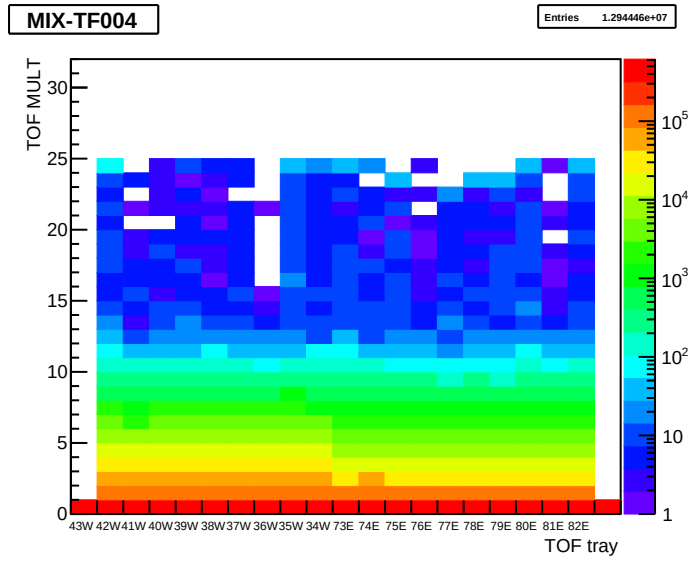

BunchId7Bit (Laser)
Entries 0

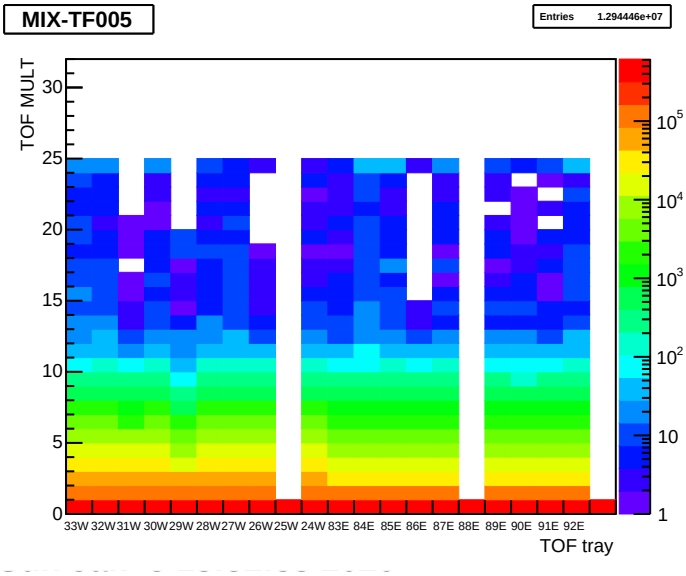

BunchId7Bit (TOFmult window)
Entries 19040

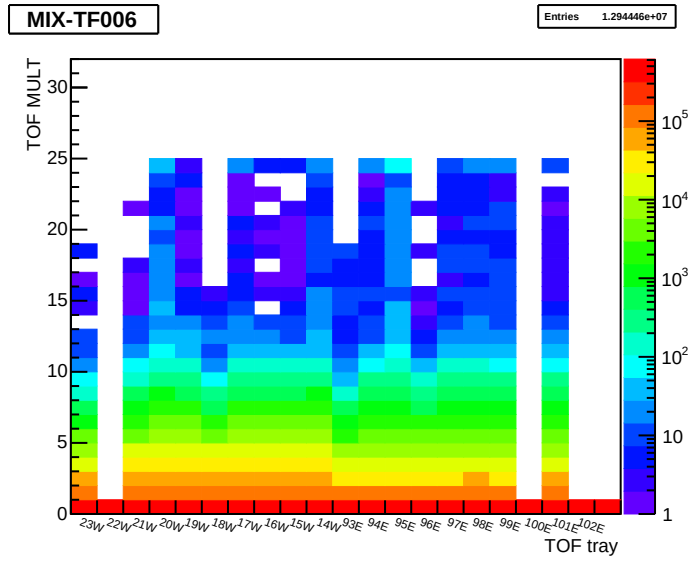

MIX-TF001
Entries 1.294446e+07
TOF MULT
TOF tray

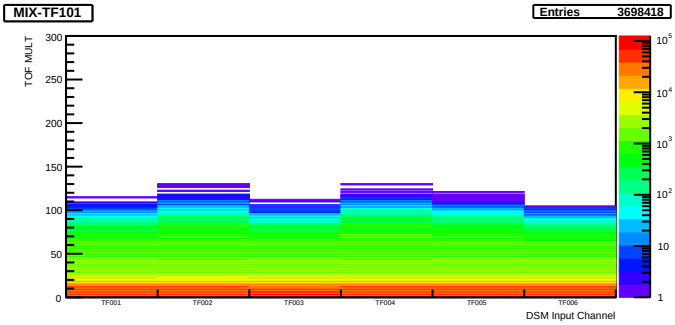

MIX-TF002
Entries 1.294446e+07
TOF MULT
TOF tray

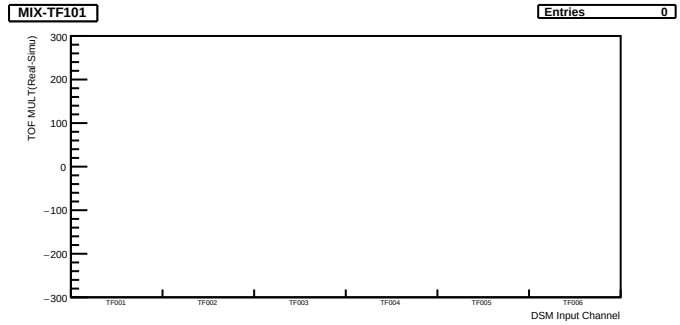

MIX-TF003
Entries 1.294446e+07
TOF MULT
TOF tray

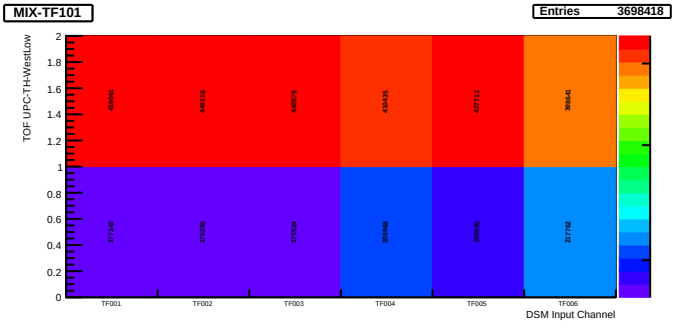

MIX-TF004
Entries 1.294446e+07
TOF MULT
TOF tray

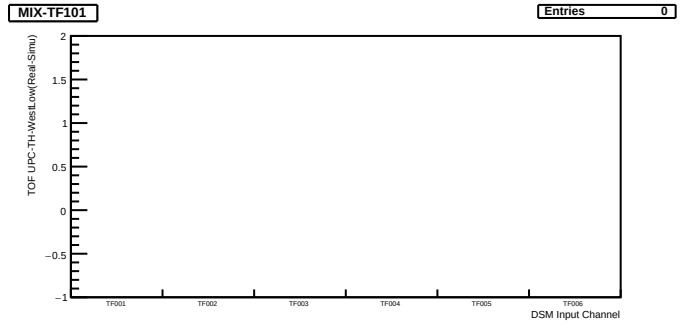

MIX-TF005
Entries 1.294446e+07
TOF MULT
TOF tray

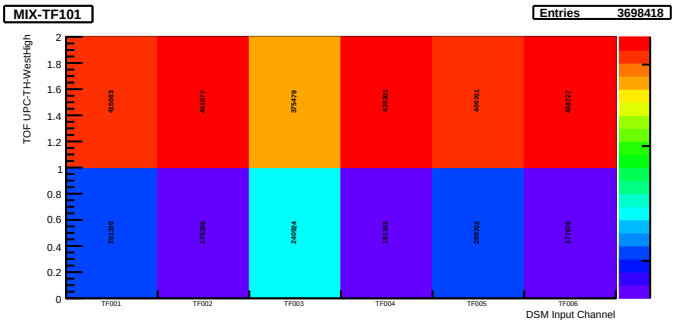

MIX-TF006
Entries 1.294446e+07
TOF MULT
TOF tray

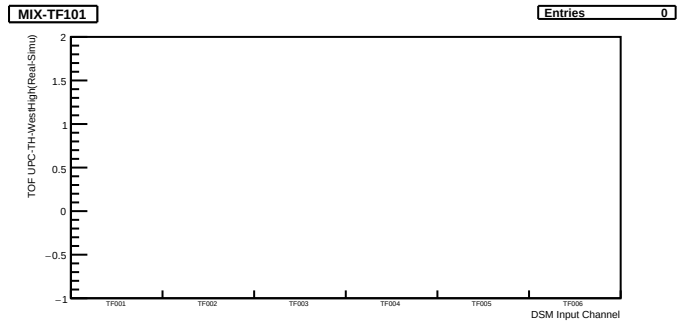

MIX-TF101
Entries 3698418
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

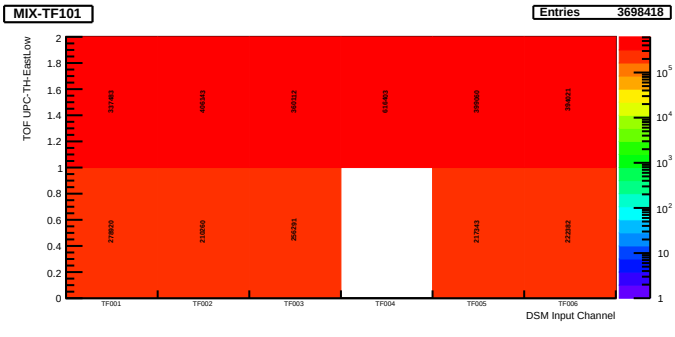

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

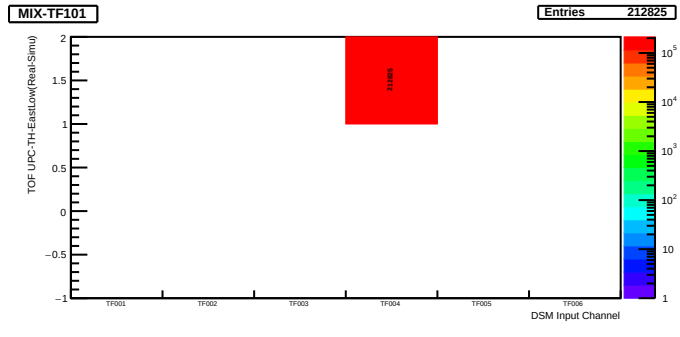

MIX-TF101
Entries 3698418
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

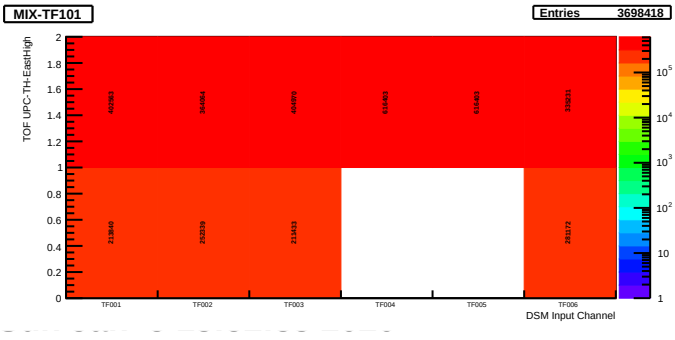

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

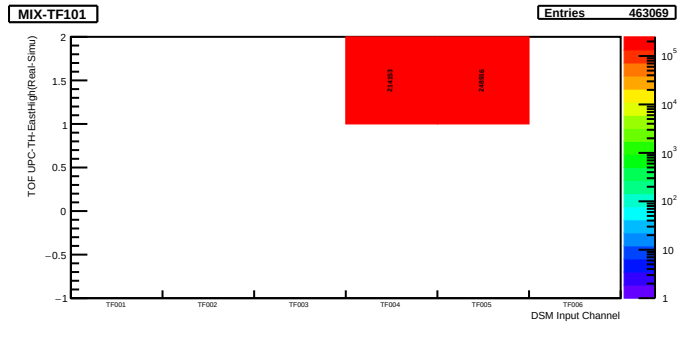

MIX-TF101
Entries 3698418
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

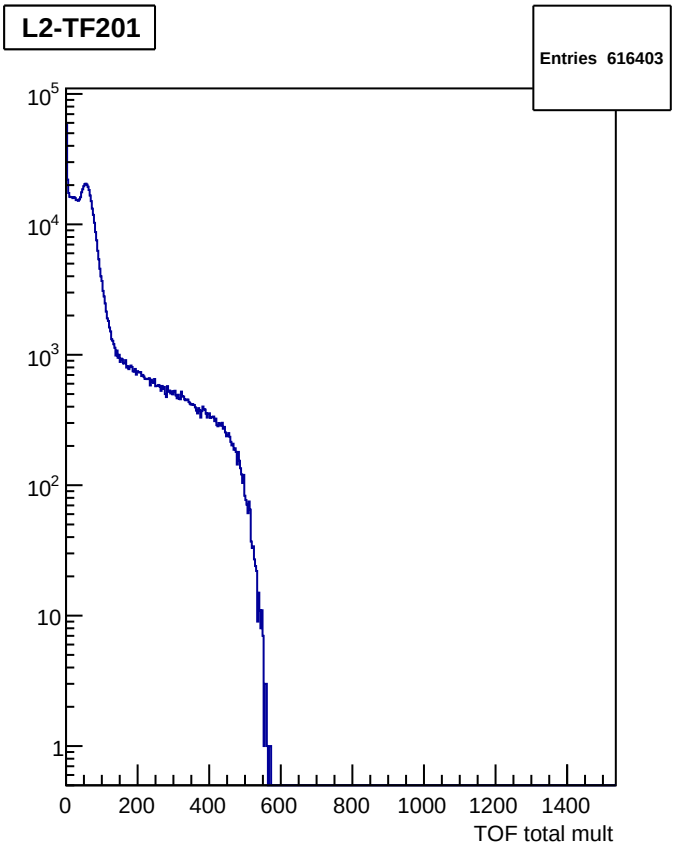

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

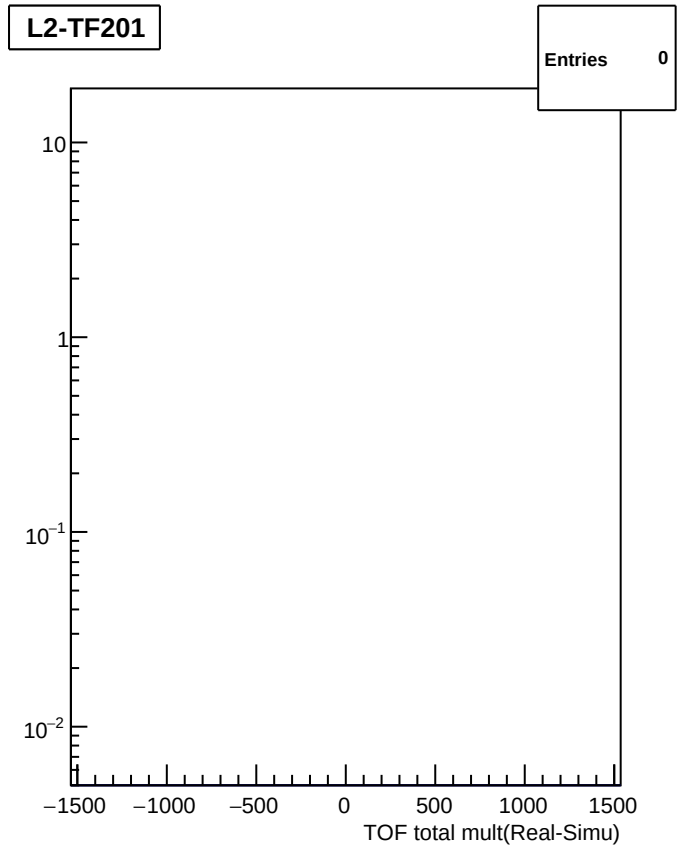

MIX-TF101
Entries 3698418
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

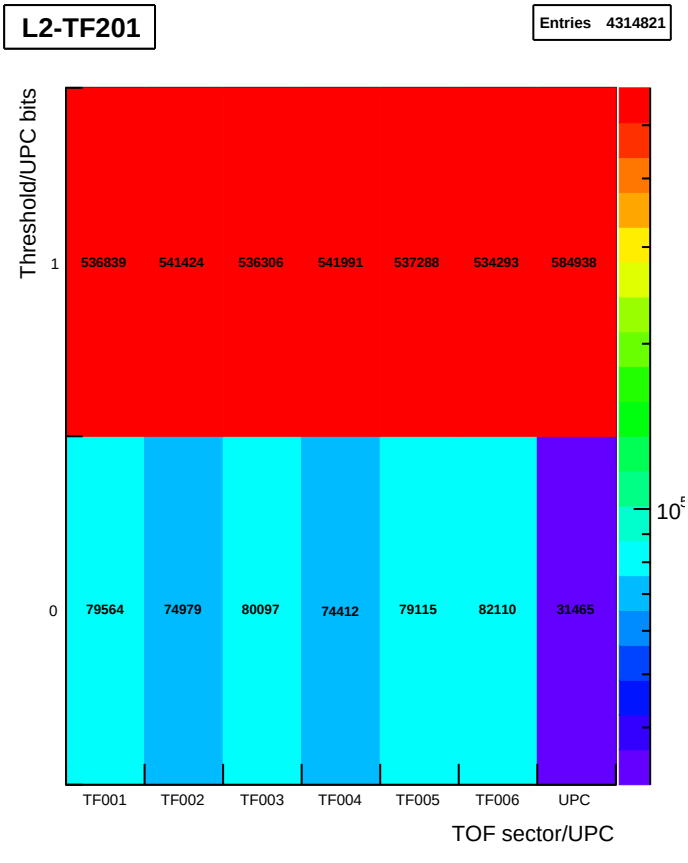

MIX-TF101
Entries 212825
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

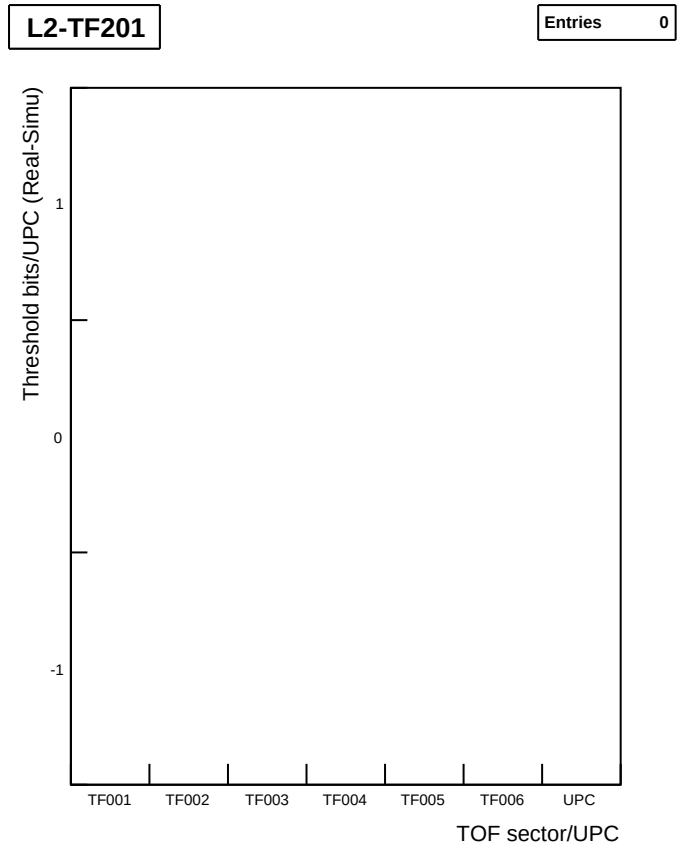

MIX-TF101
Entries 3698418
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

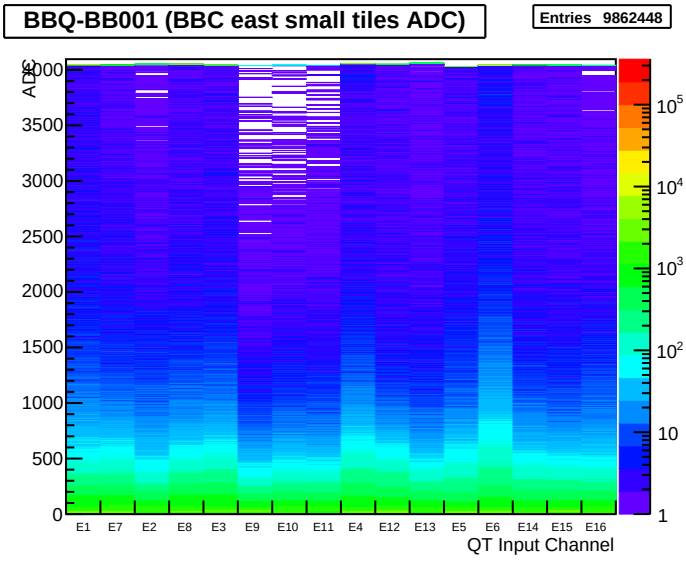

MIX-TF101
Entries 463069
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

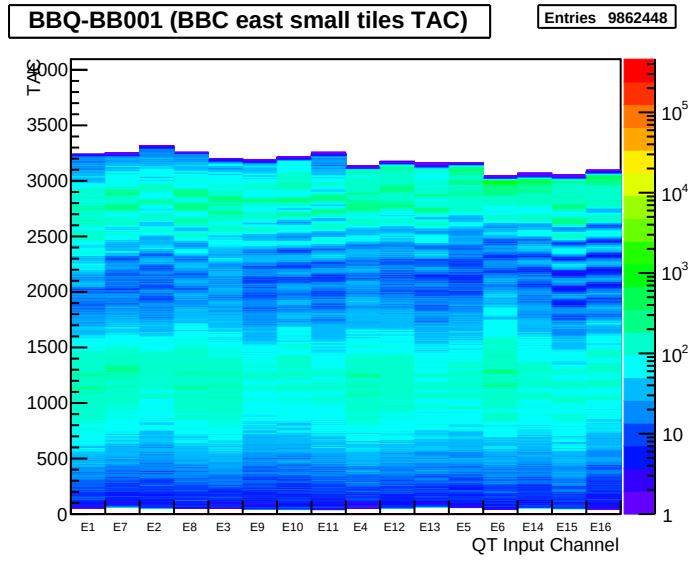

L2-TF201
Entries 616403
TOF total mult

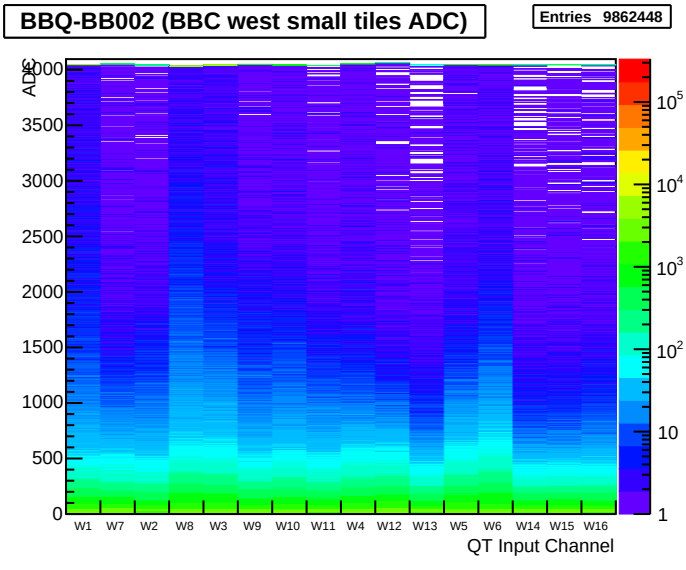

L2-TF201
Entries 0
TOF total mult(Real-Simu)

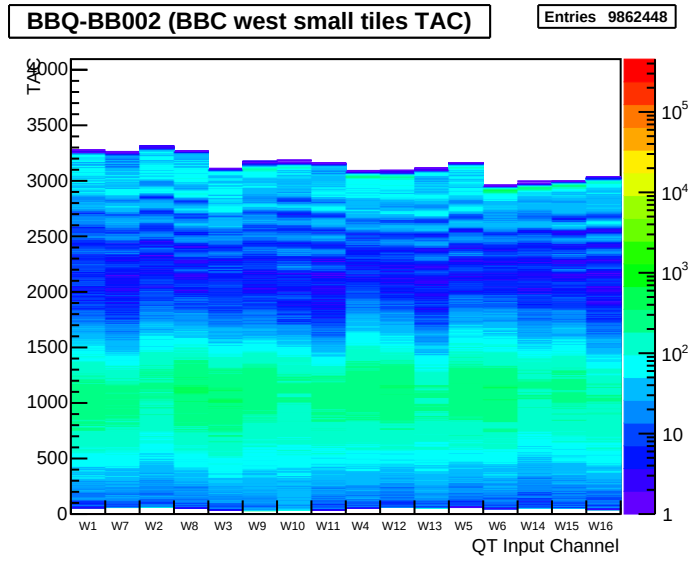

L2-TF201
Entries 4314821
Threshold/UPC bits
536839
541424
536306
541991
537288
534293
584938
79564
74979
80097
74412
79115
82110
31465
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

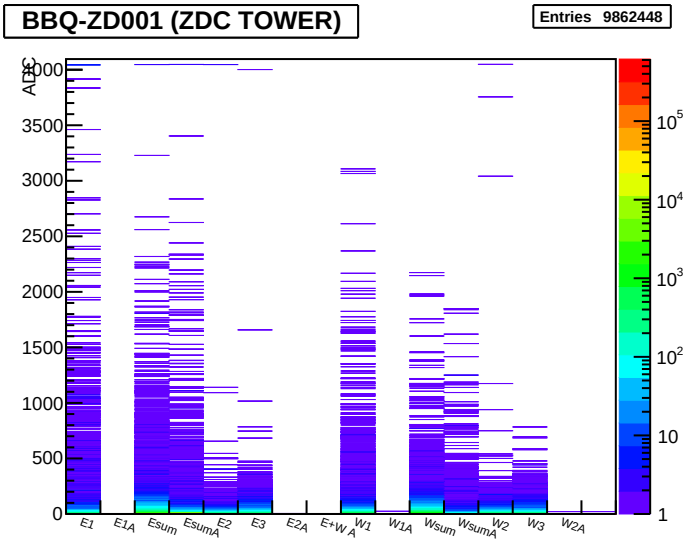

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

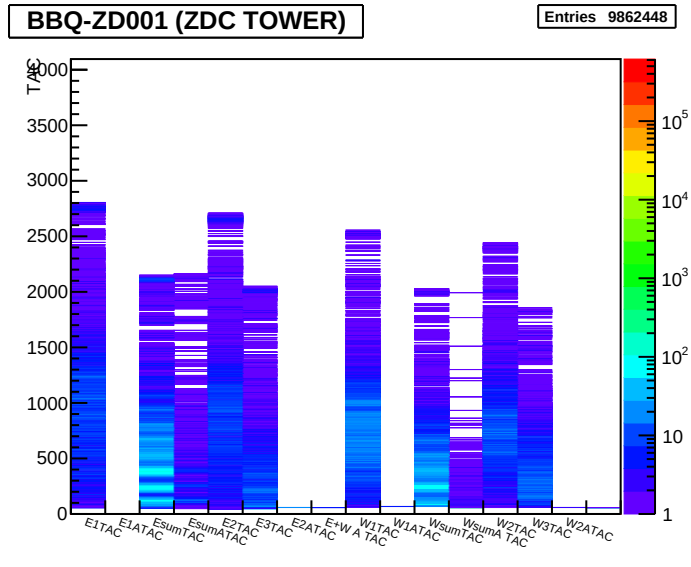

BBQ-BB001 (BBC east small tiles ADC)
Entries 9862448
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

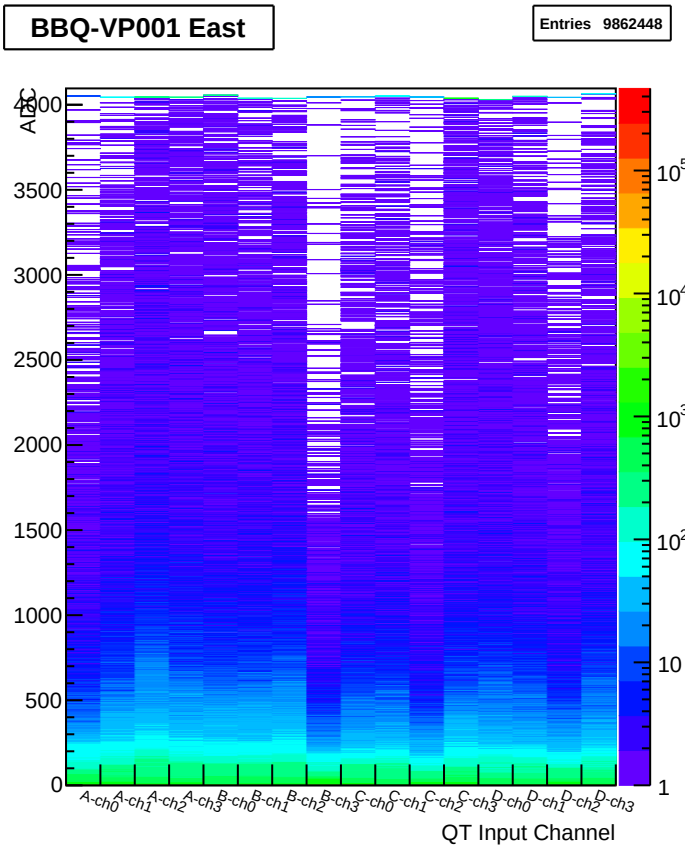

BBQ-BB001 (BBC east small tiles TAC)
Entries 9862448
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

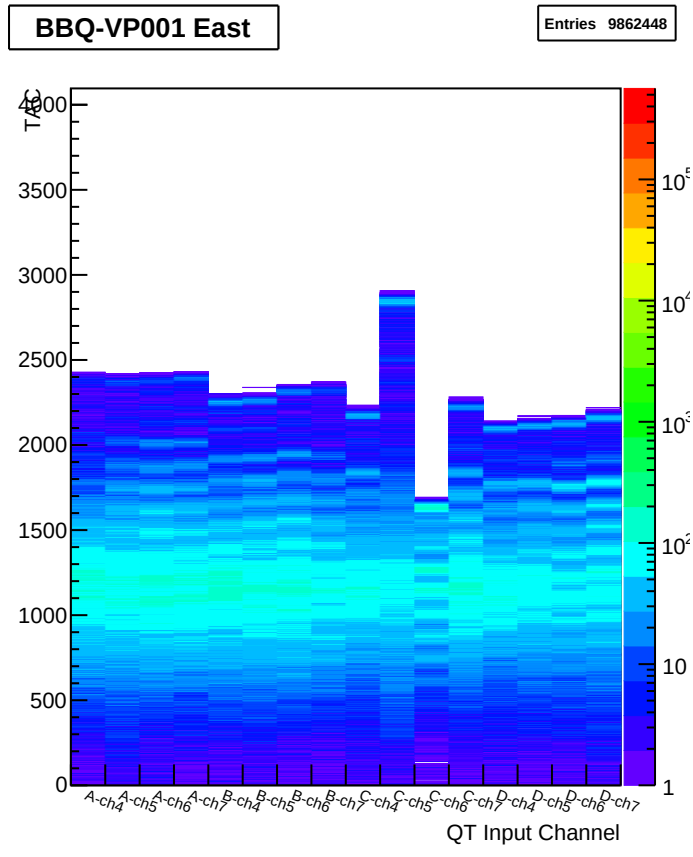

BBQ-BB002 (BBC west small tiles ADC)
Entries 9862448
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

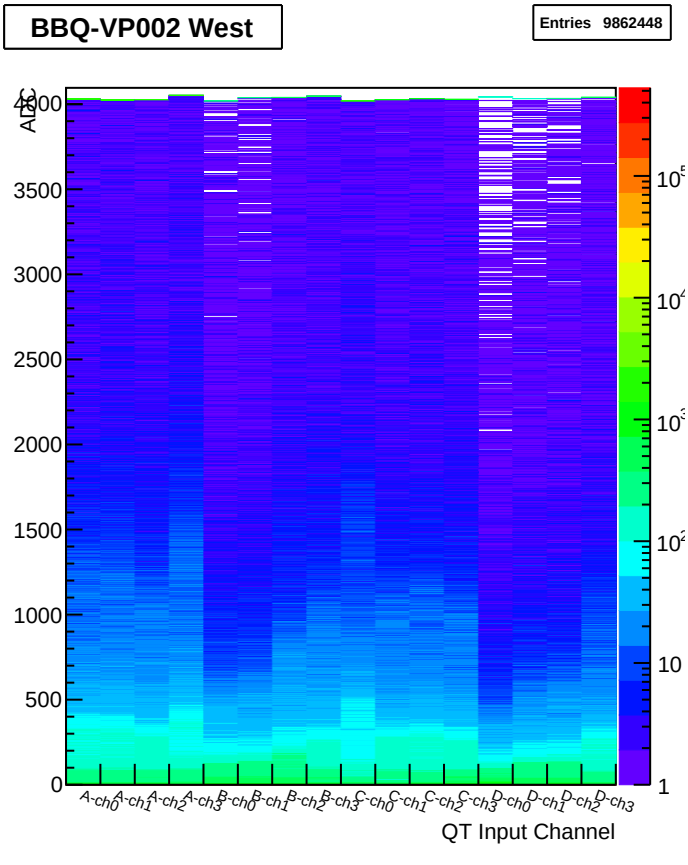

BBQ-BB002 (BBC west small tiles TAC)
Entries 9862448
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

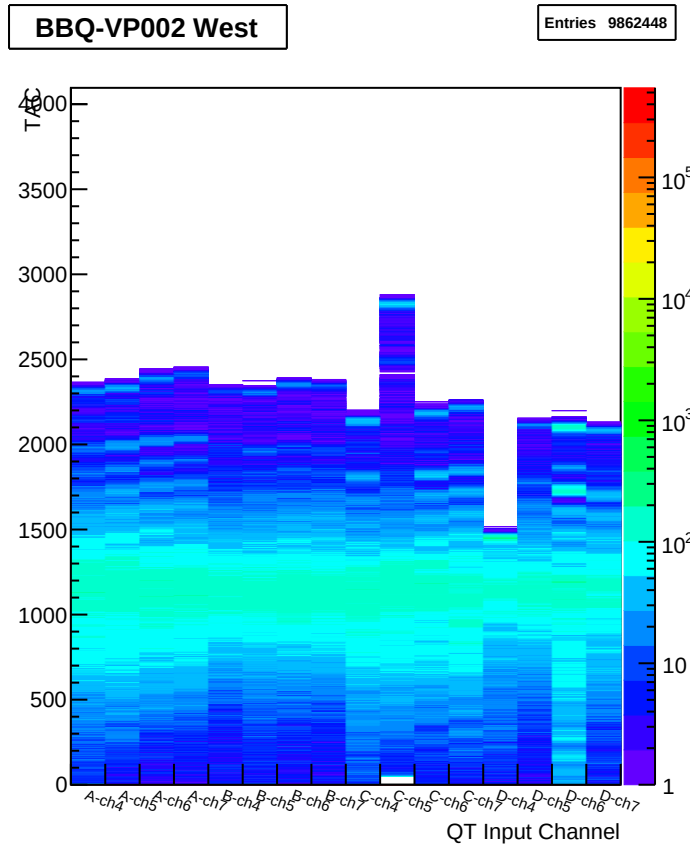

BBQ-ZD001 (ZDC TOWER)
Entries 9862448
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

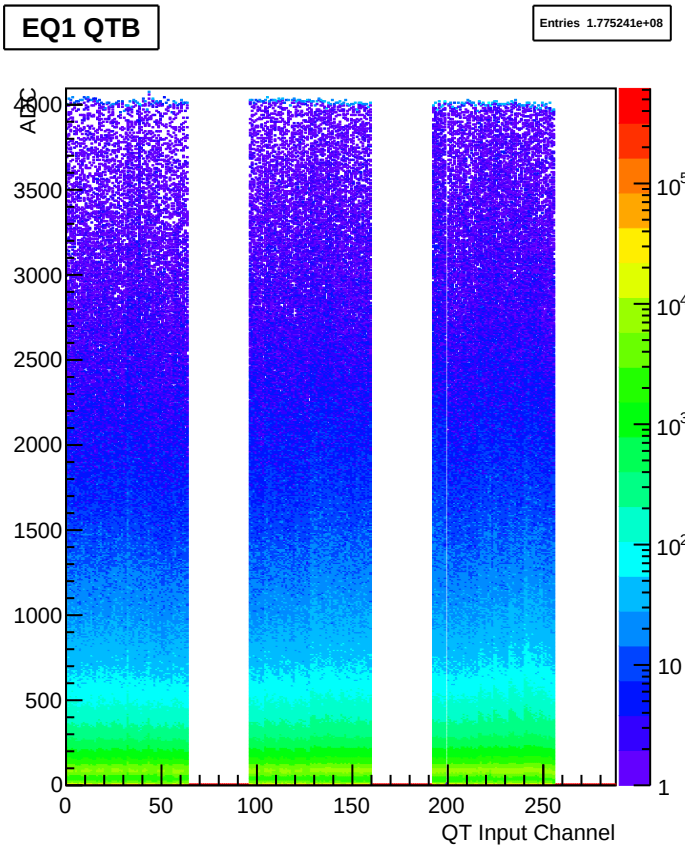

BBQ-ZD001 (ZDC TOWER)
Entries 9862448
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

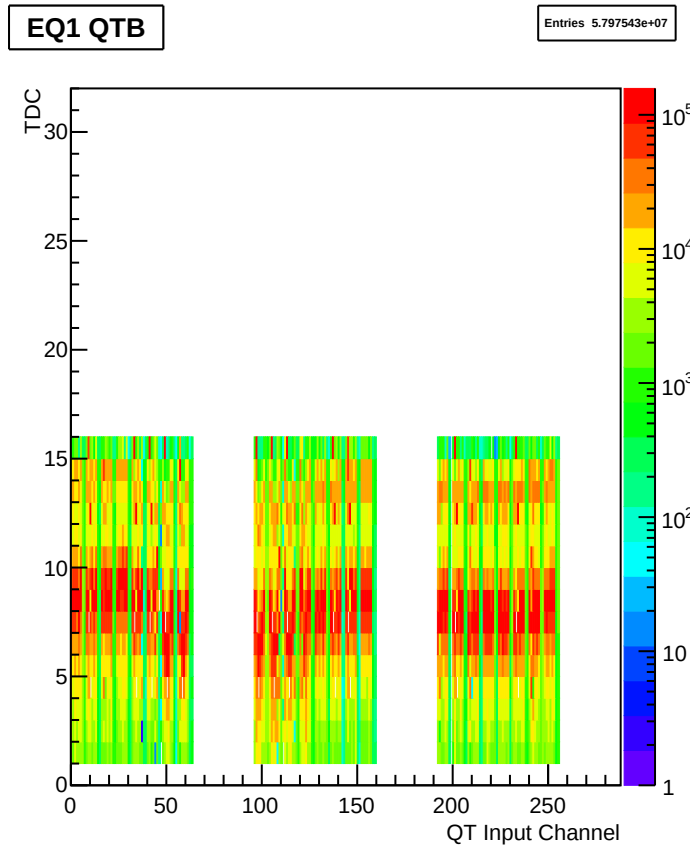

BBQ-VP001 East
Entries 9862448
ADC
QT Input Channel

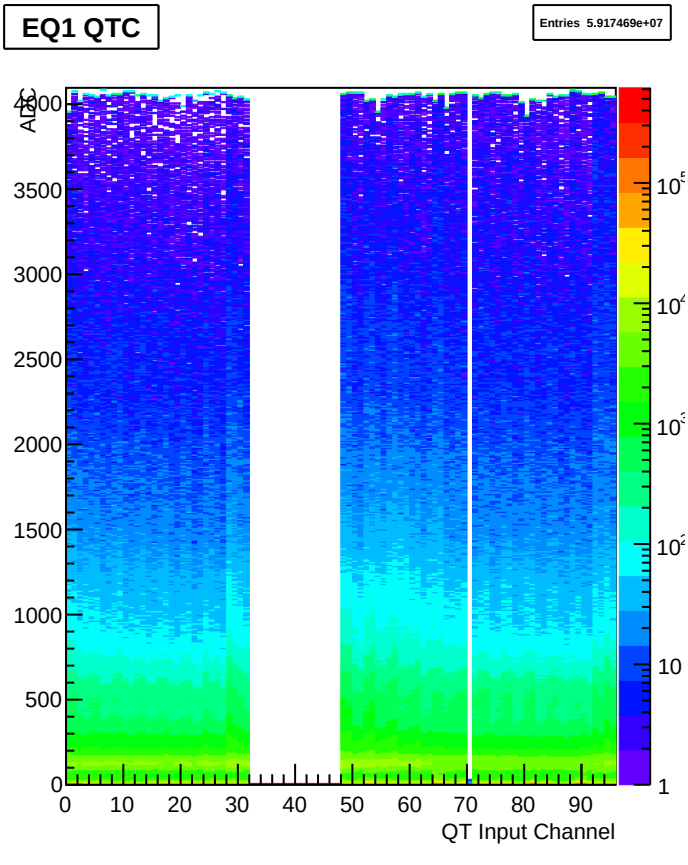

BBQ-VP001 East
Entries 9862448
ADC
QT Input Channel

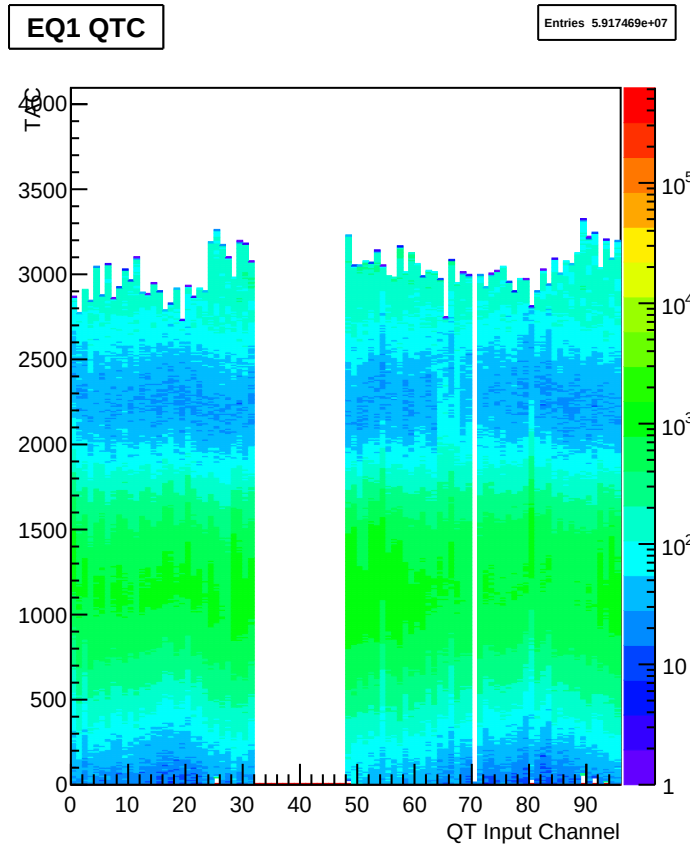

BBQ-VP002 West
Entries 9862448
ADC
QT Input Channel

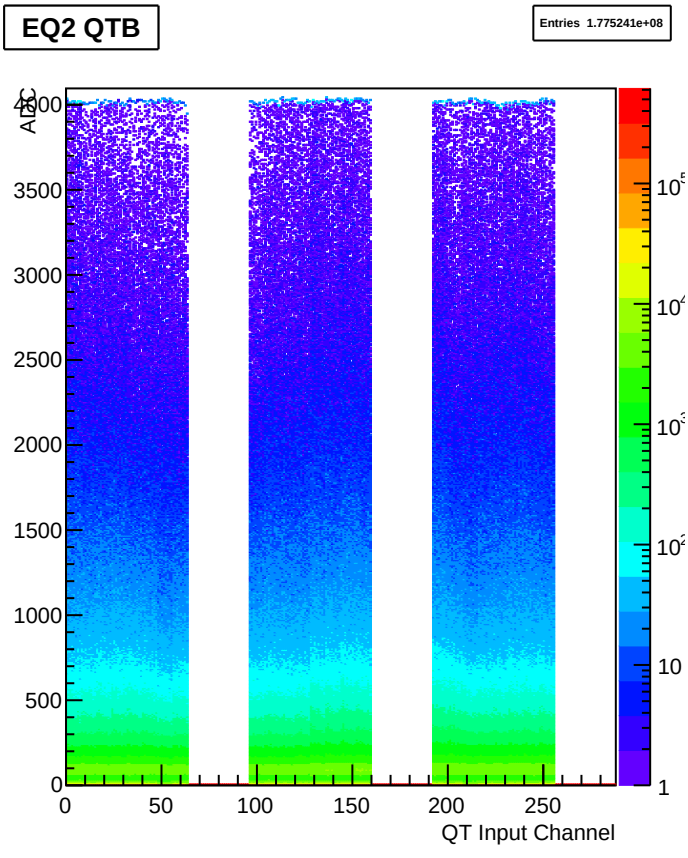

BBQ-VP002 West
Entries 9862448
ADC
QT Input Channel

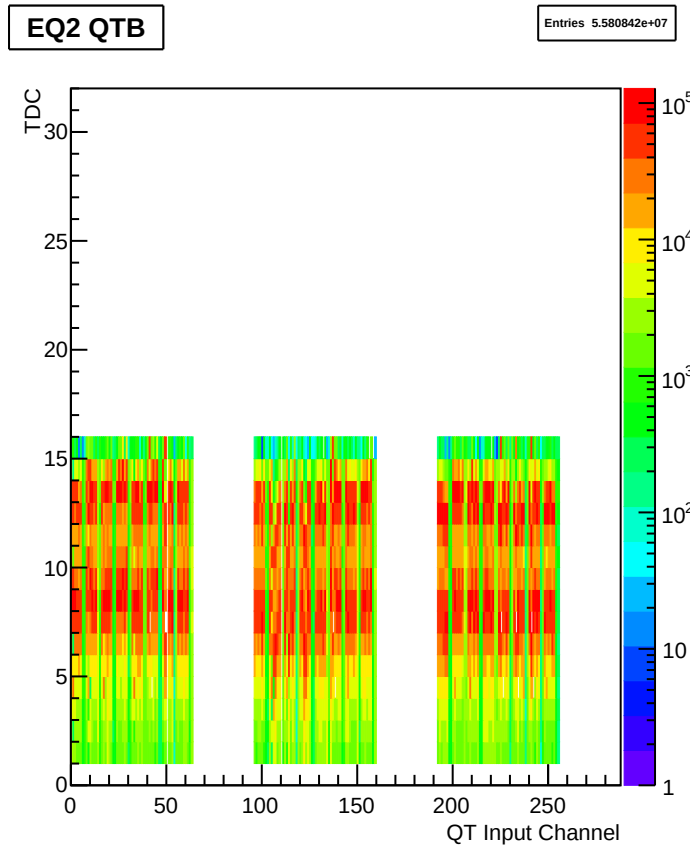

EQ1 QTB
Entries 1.775241e+08
ADC
QT Input Channel

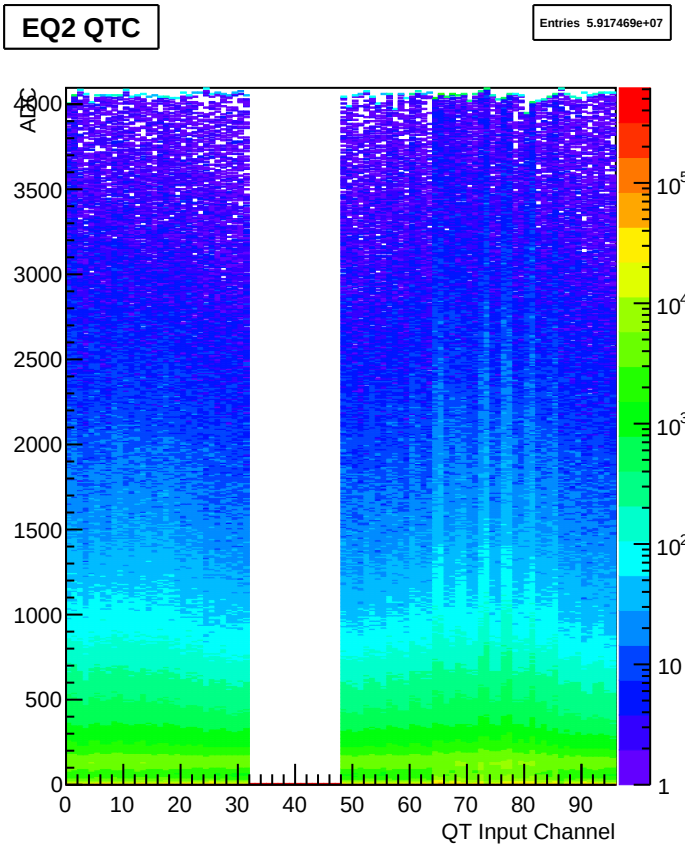

EQ1 QTB
Entries 5.797543e+07
TDC
QT Input Channel

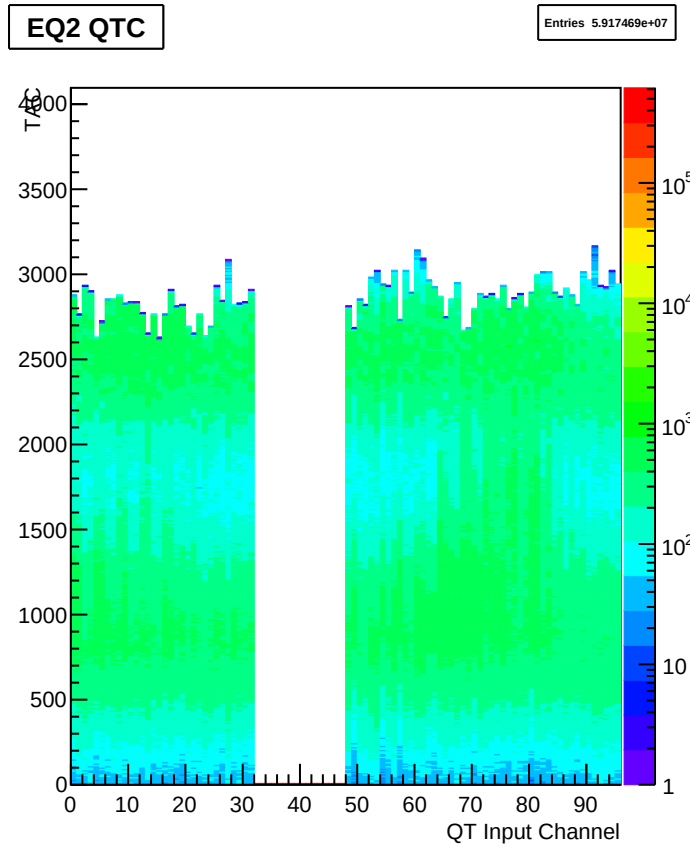

EQ1 QTC
Entries 5.917469e+07
ADC
QT Input Channel

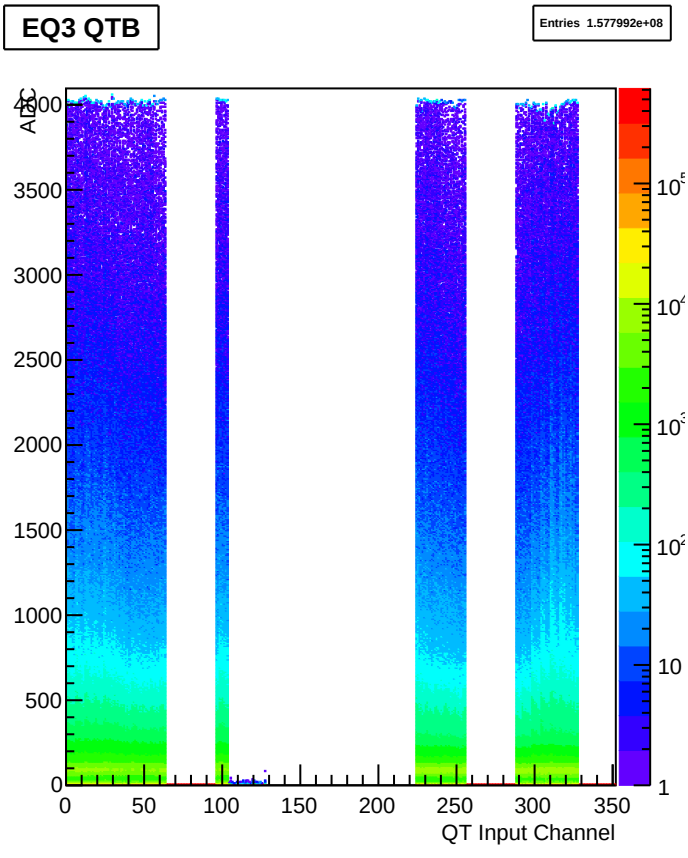

EQ1 QTC
Entries 5.917469e+07
TADC
QT Input Channel

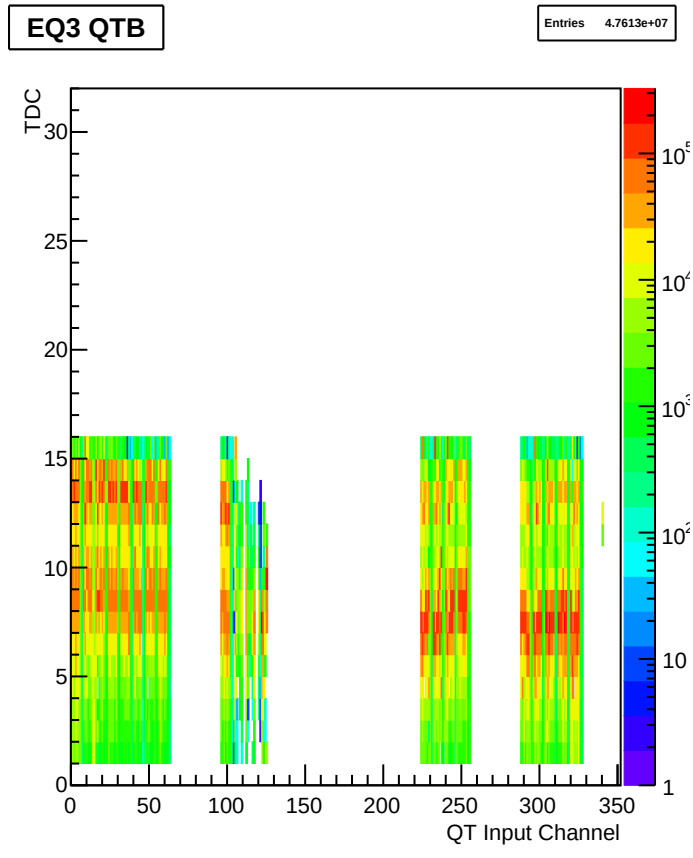

EQ2 QTB
Entries 1.775241e+08
ADC
QT Input Channel

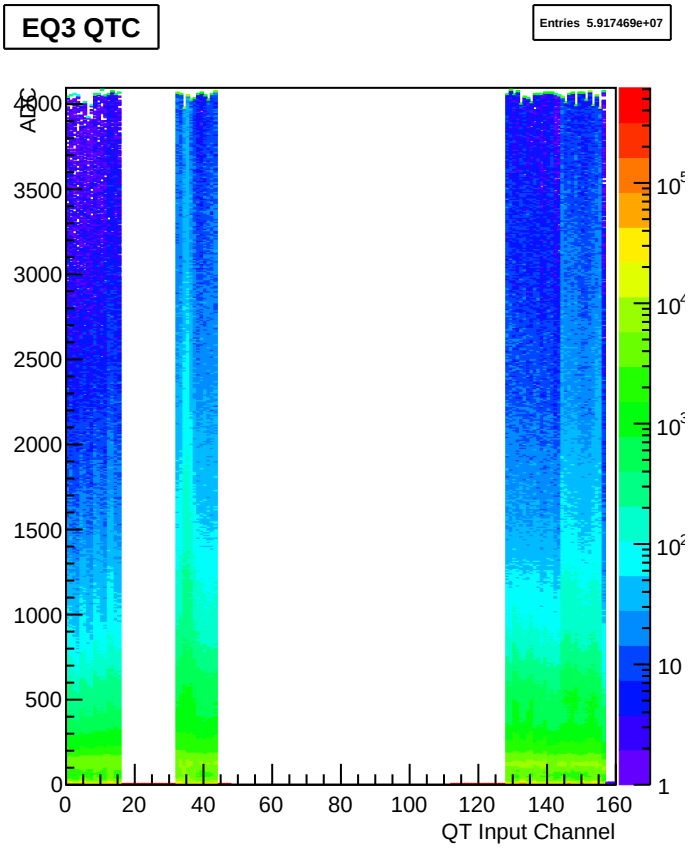

EQ2 QTB
Entries 5.580842e+07
TDC
QT Input Channel

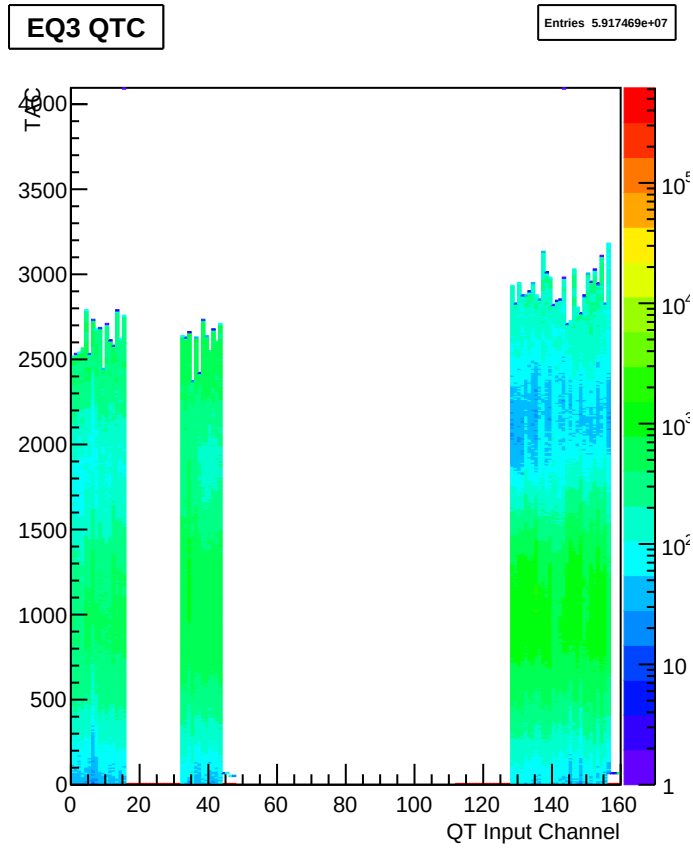

EQ2 QTC
Entries 5.917469e+07
ADC
QT Input Channel

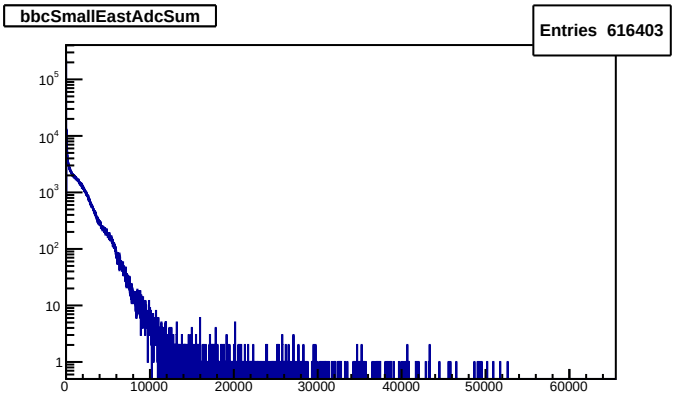

EQ2 QTC
Entries 5.917469e+07
TADC
QT Input Channel

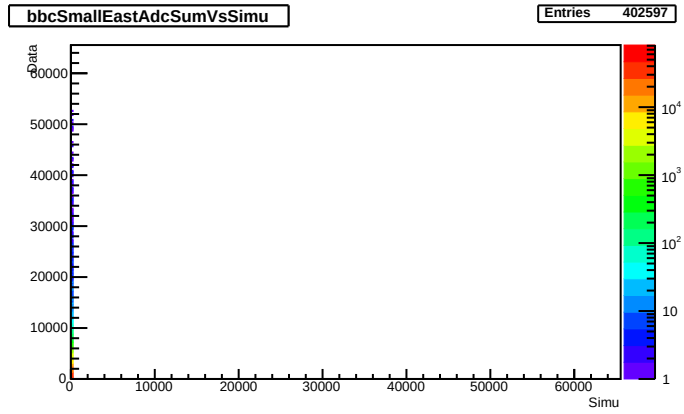

EQ3 QTB
Entries 1.577992e+08
ADC
QT Input Channel

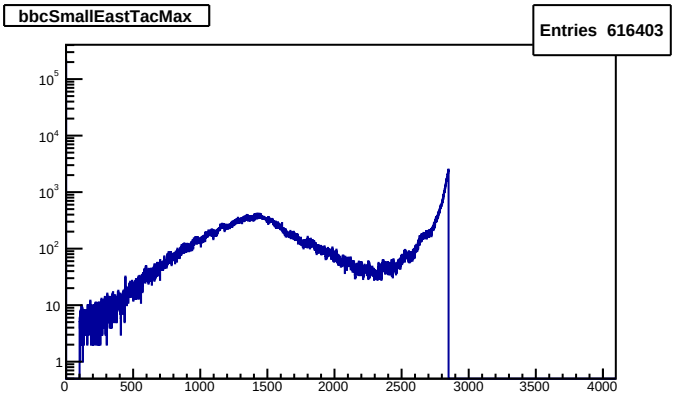

EQ3 QTB
Entries 4.7613e+07
TDC
QT Input Channel

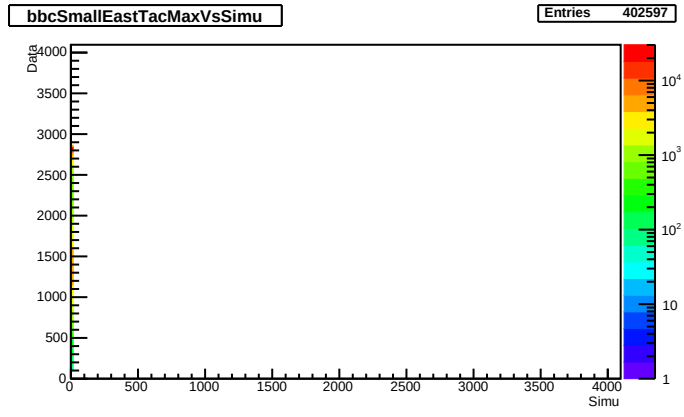

EQ3 QTC
Entries 5.917469e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.917469e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 616403


bbcSmallEastAdcSumVsSimu
Entries 402597
Data
Simu


bbcSmallEastTacMax
Entries 616403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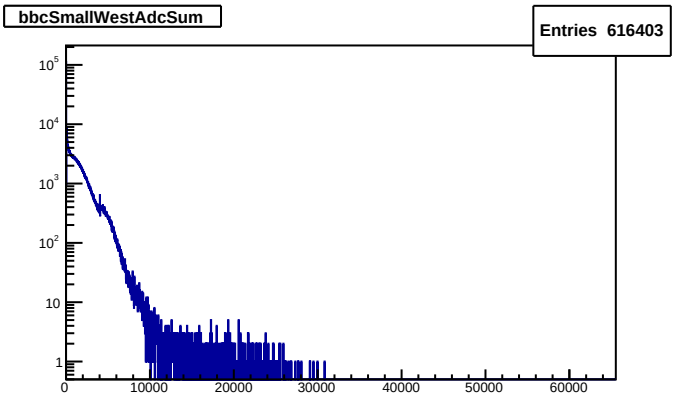
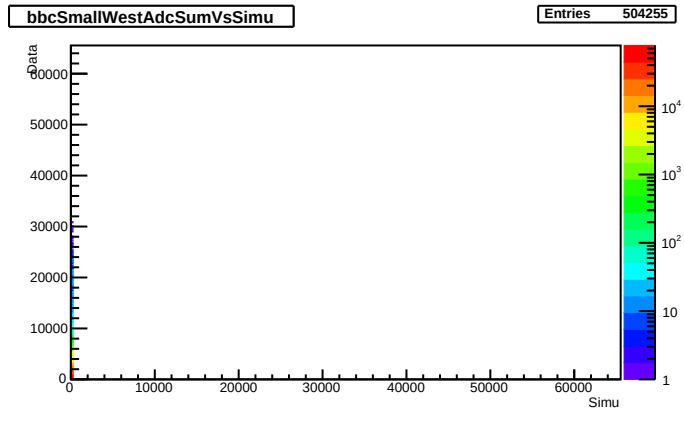
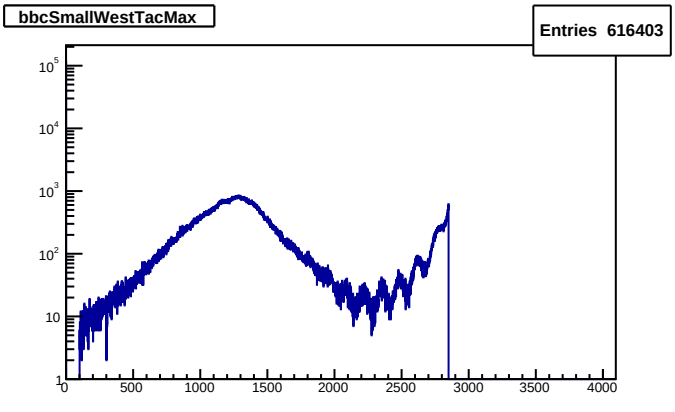
Entries 402597
Data
Simu


bbcSmallWestAdcSum
Entries 616403


bbcSmallWestAdcSumVsSimu
Entries 504255
Data
Simu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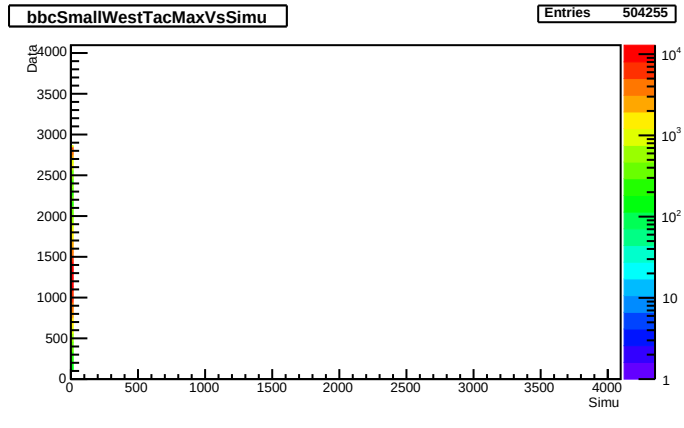
Entries 616403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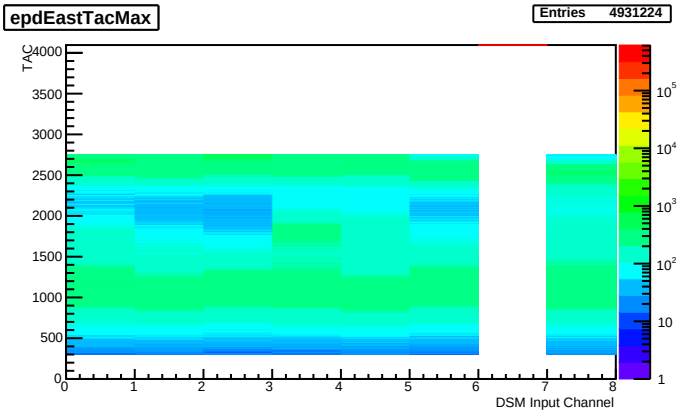
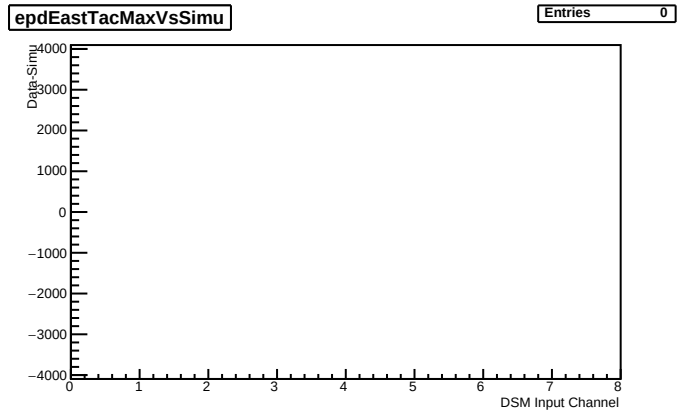
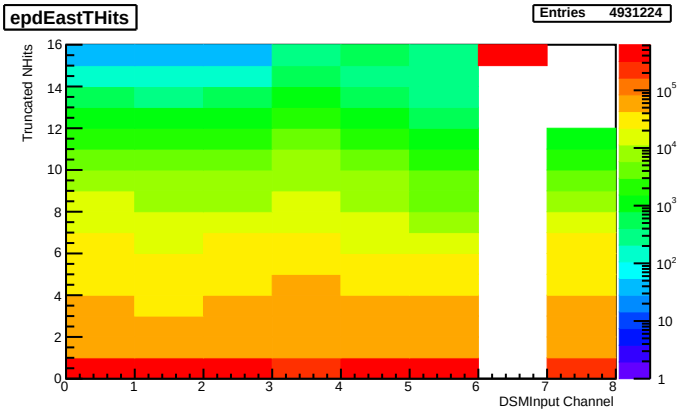
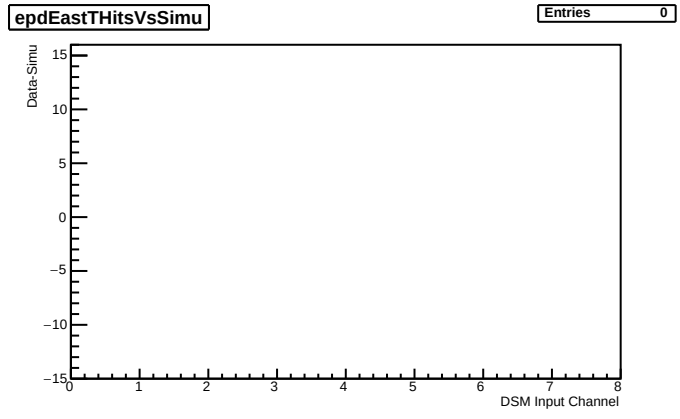
Entries 504255
Data
Simu


epdEastTacMax
Entries 4931224
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4931224
Truncated NHits
DSMInput Channel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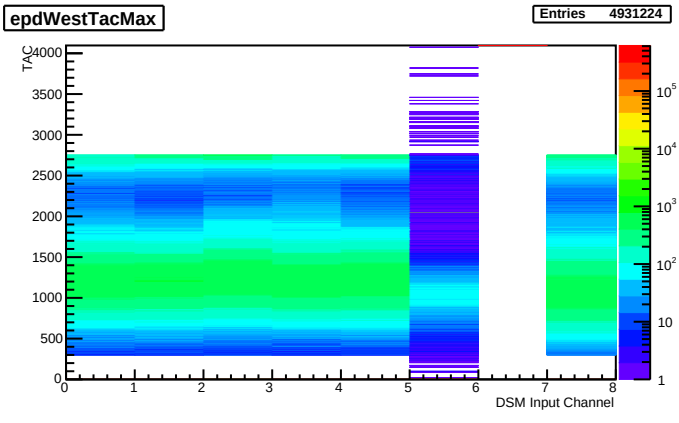
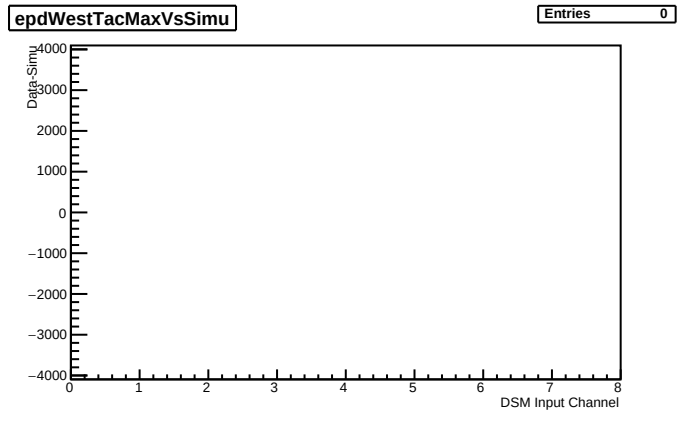
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4931224
TAC
DSM Input Channel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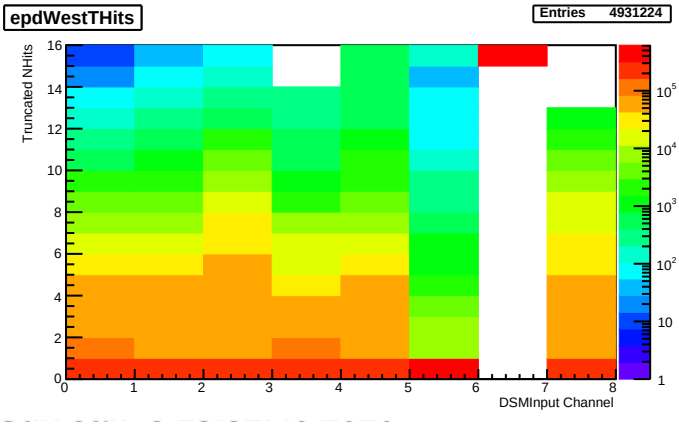
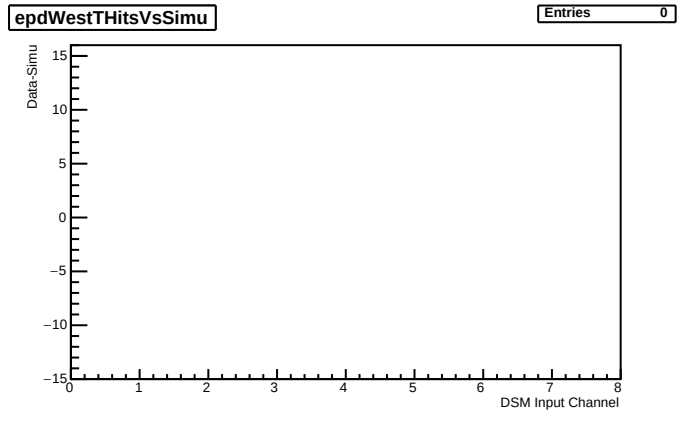
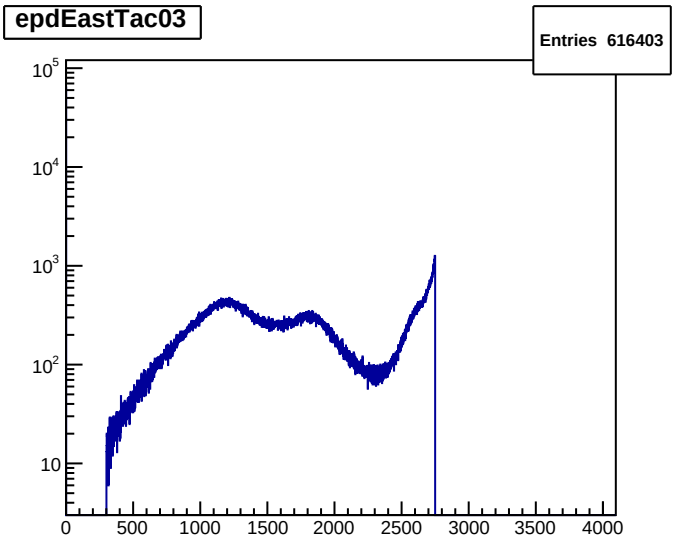
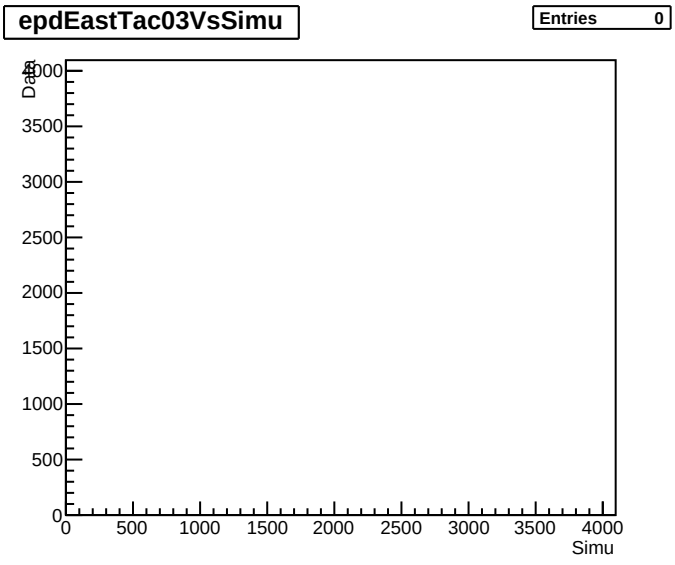
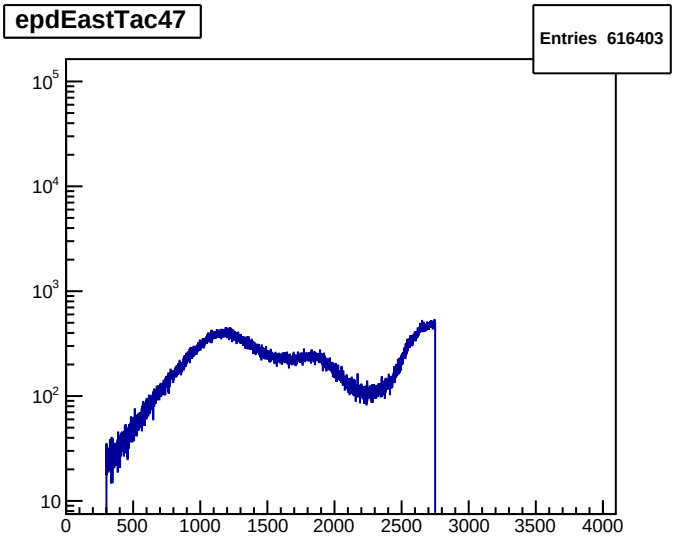
Entries 0
Data-Simu
DSM Input Channel

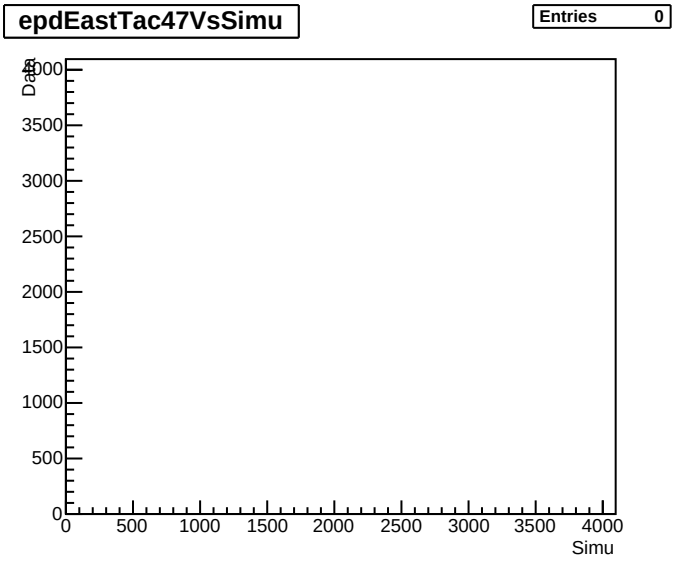

epdWestTHits
Entries 4931224
Truncated NHits
DSMInput Channel

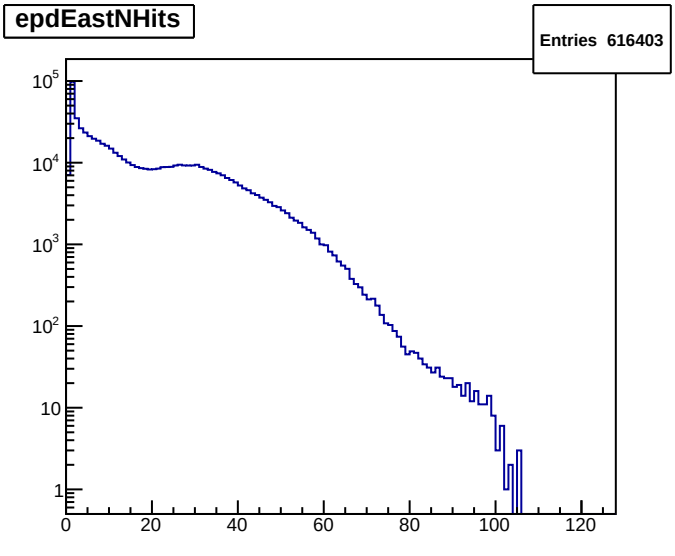

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

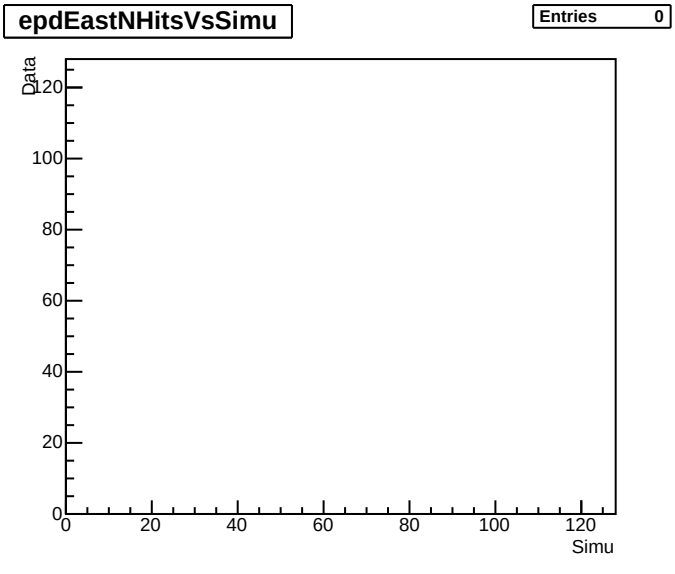

epdEastTac03
Entries 616403


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 616403


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 616403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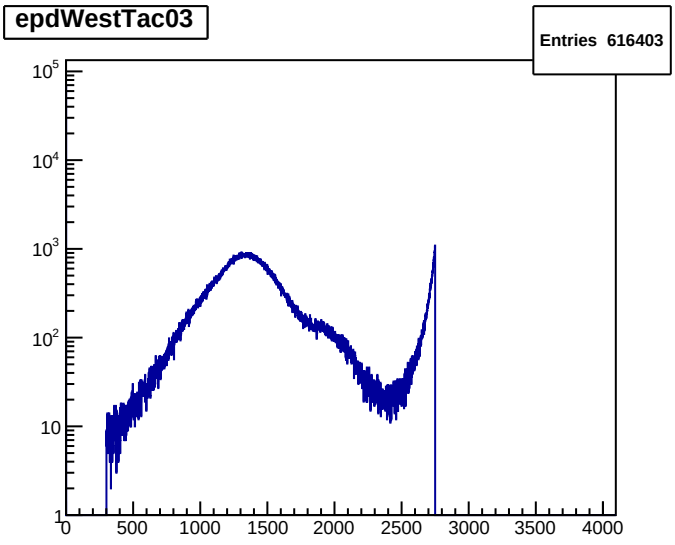
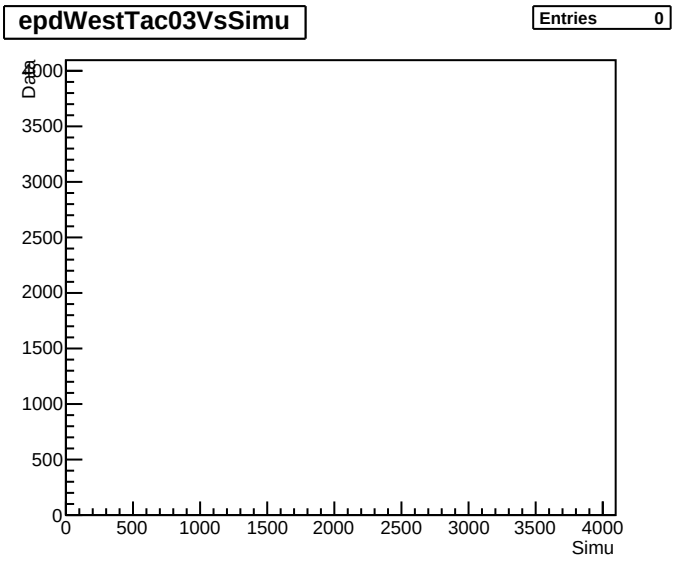
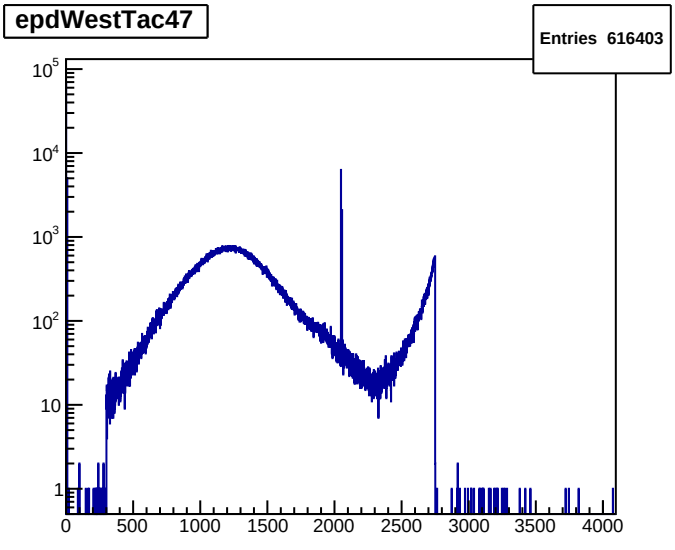
Entries 0
Data
Simu


epdWestTac03
Entries 616403


epdWestTac03VsSimu
Entries 0
Data
Simu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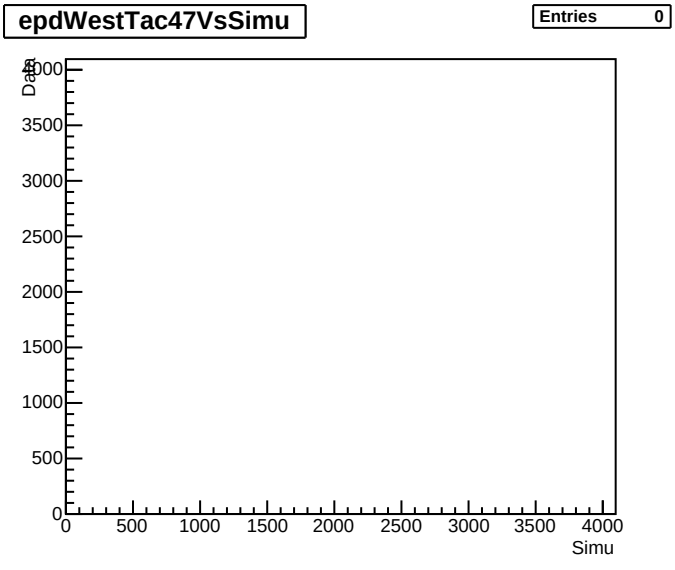
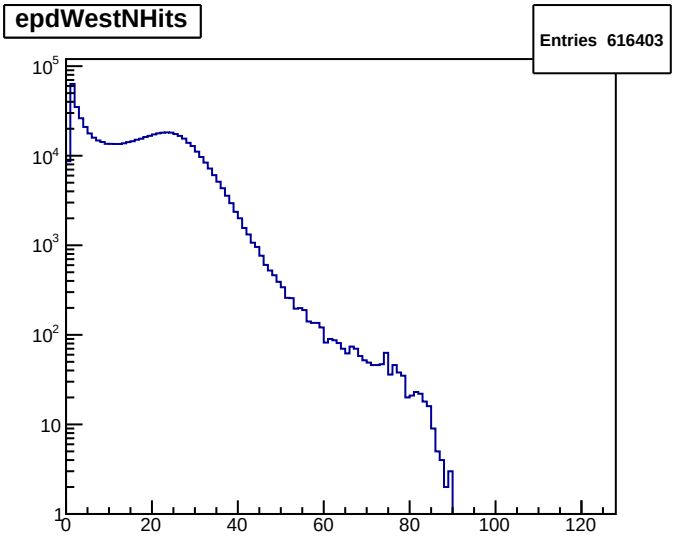
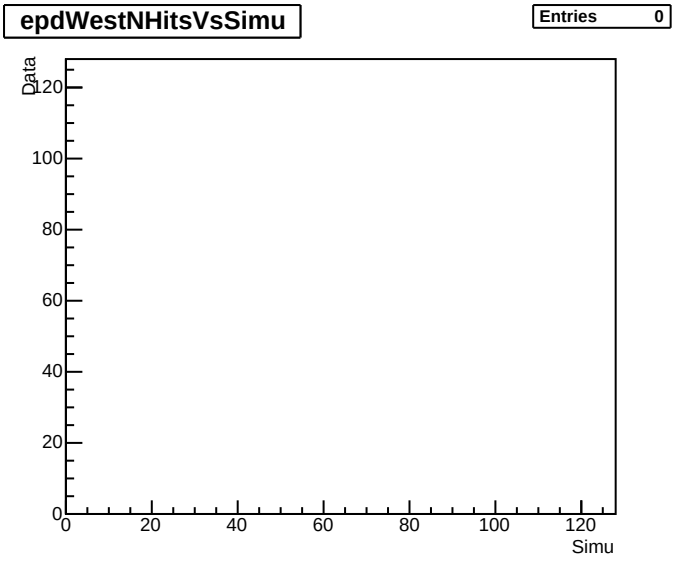
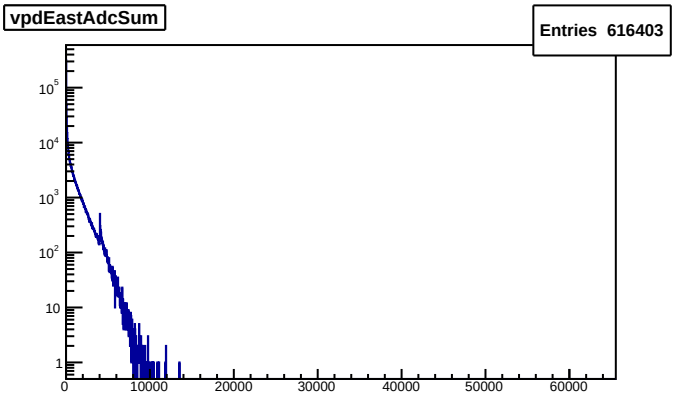
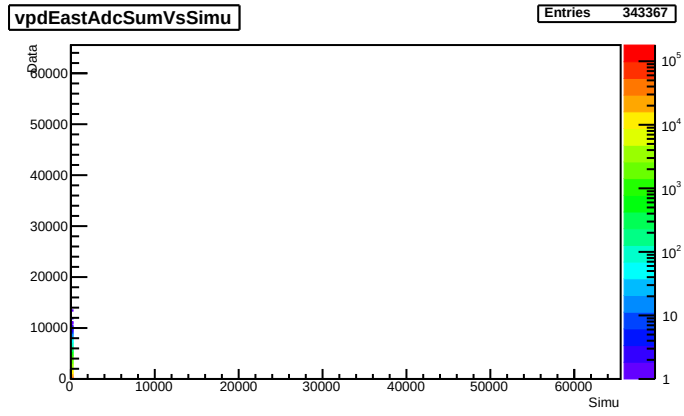
Entries 616403

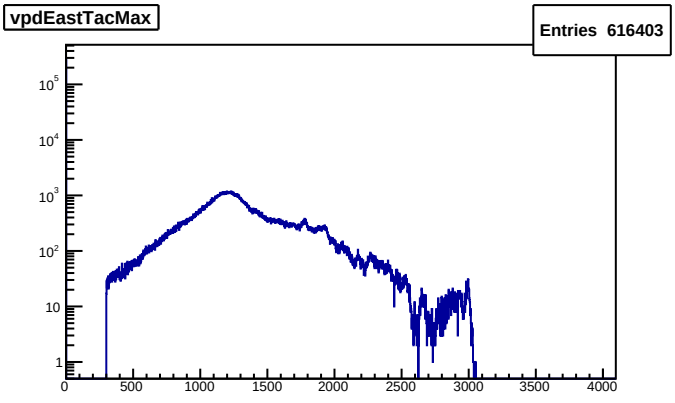

epdWestTac47VsSimu
Entries 0
Data
Simu

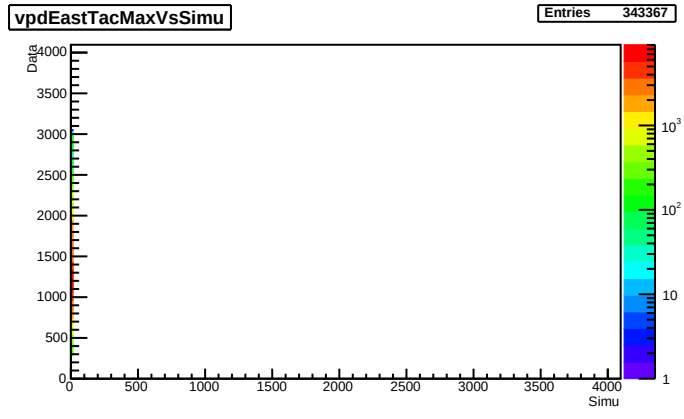

epdWestNHits
Entries 616403

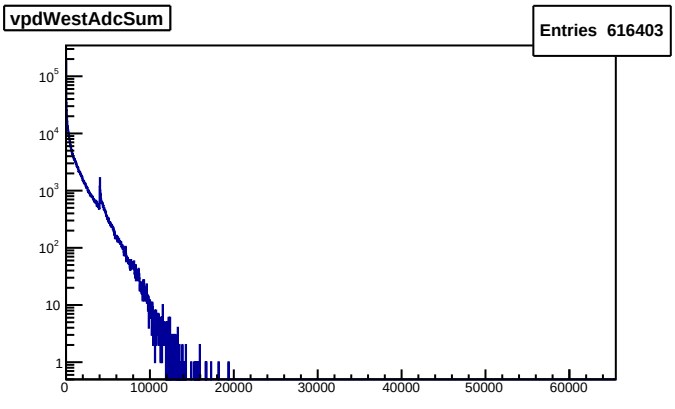

epdWestNHitsVsSimu
Entries 0
Data
Simu

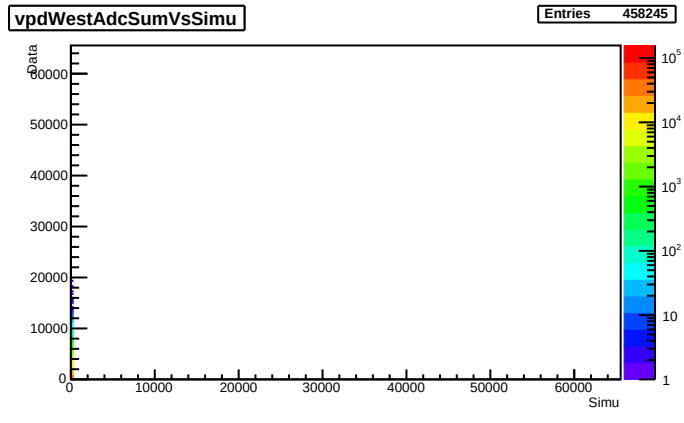

vpdEastAdcSum
Entries 616403

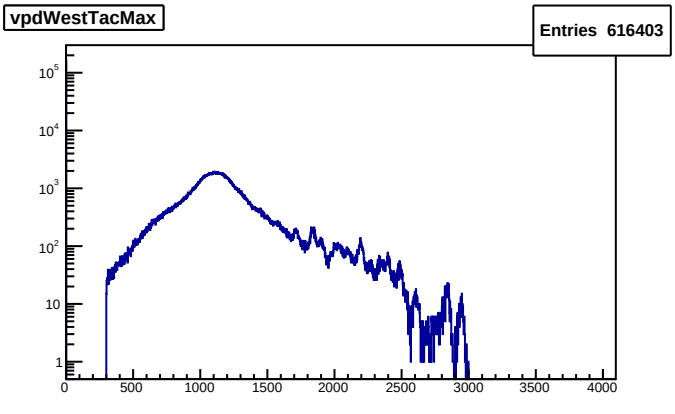

vpdEastAdcSumVsSimu
Entries 343367
Data
Simu

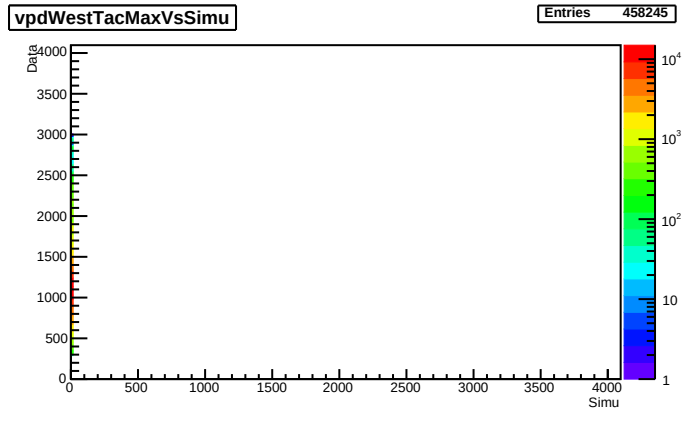

vpdEastTacMax
Entries 616403

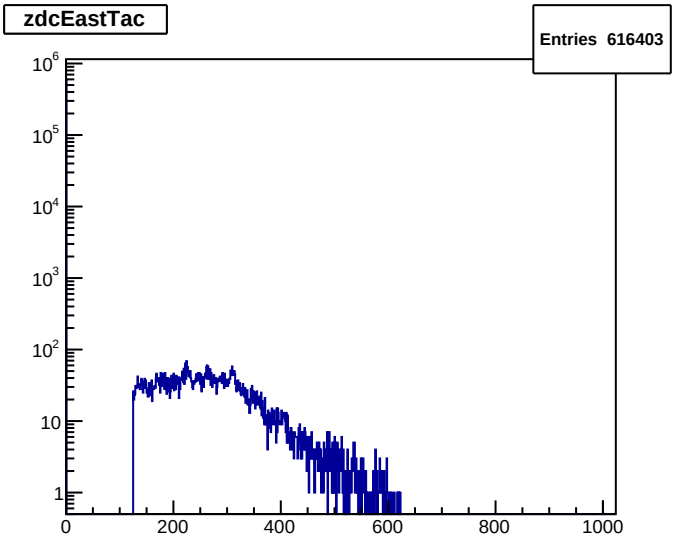

vpdEastTacMaxVsSimu
Entries 343367
Data
Simu

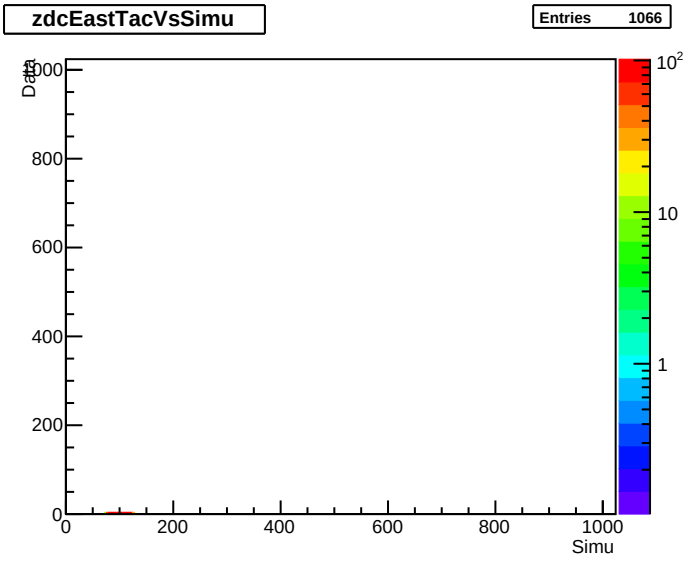

vpdWestAdcSum
Entries 616403

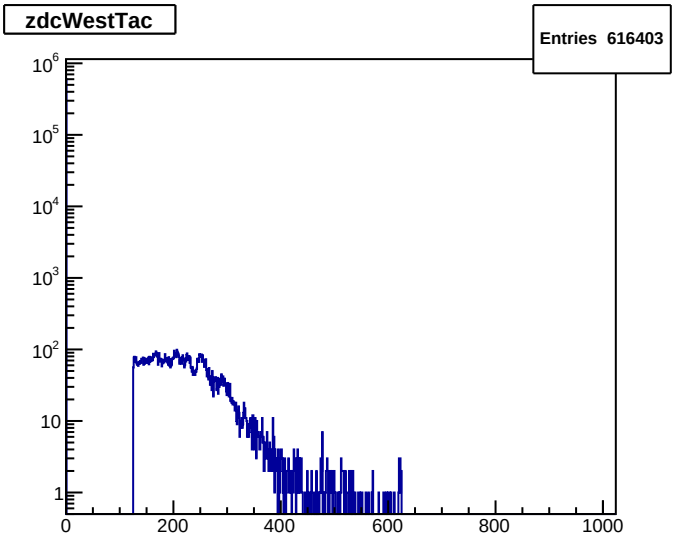

vpdWestAdcSumVsSimu
Entries 458245
Data
Simu

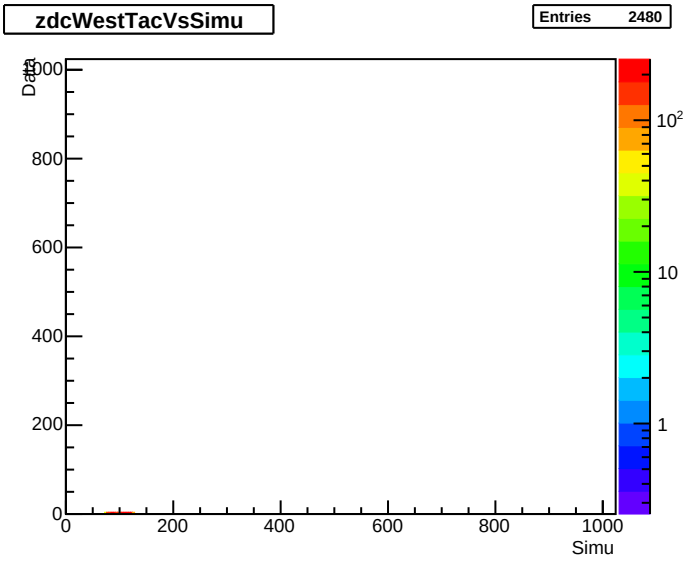

vpdWestTacMax
Entries 616403

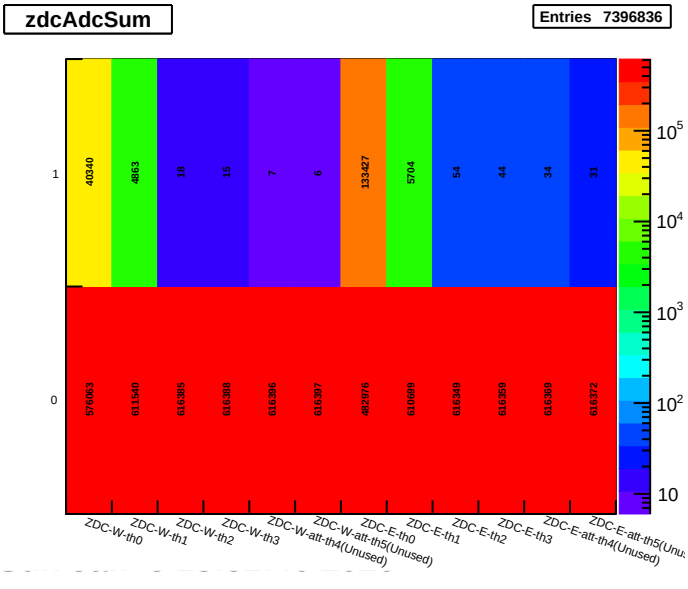

vpdWestTacMaxVsSimu
Entries 458245
Data
Simu

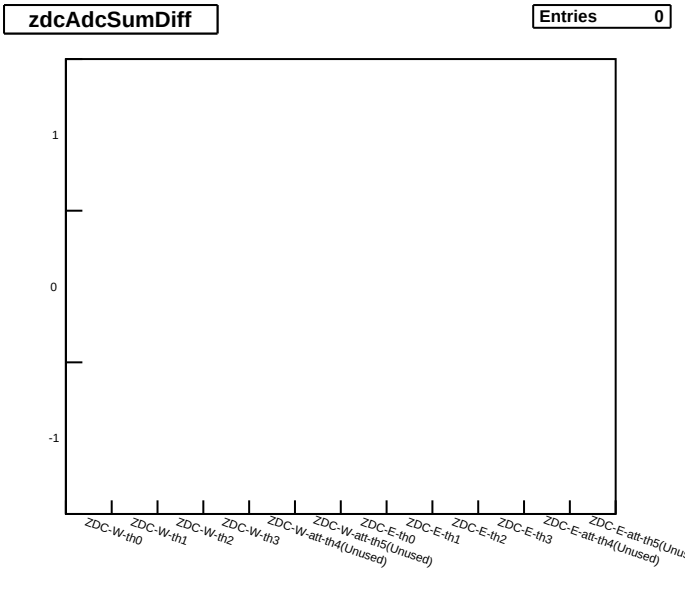

zdcEastTac
Entries 616403

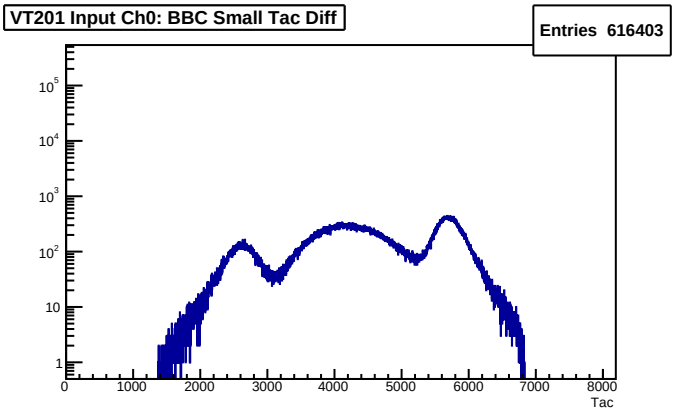

zdcEastTacVsSimu
Entries 1066
Data
Simu

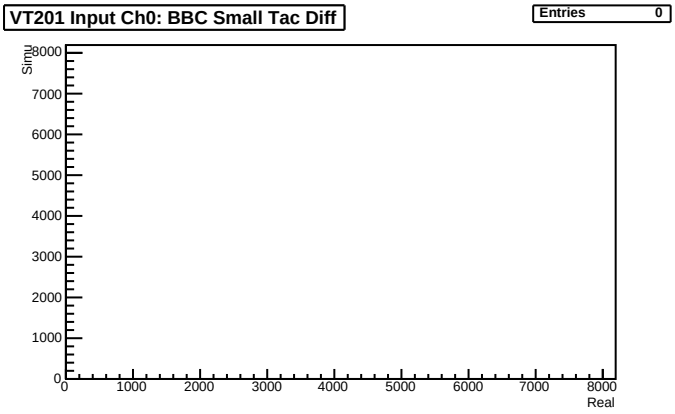

zdcWestTac
Entries 616403

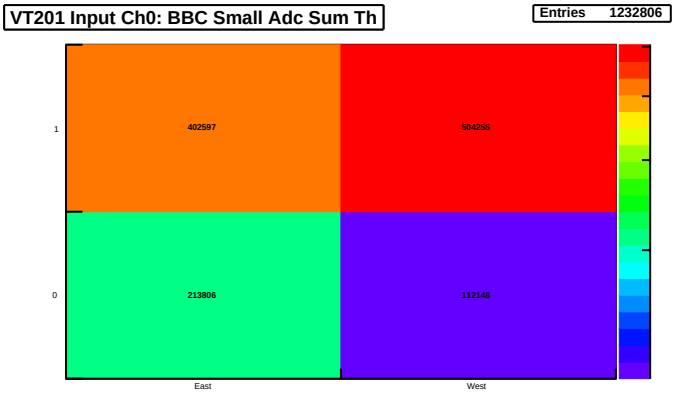

zdcWestTacVsSimu
Entries 2480
Data
Simu

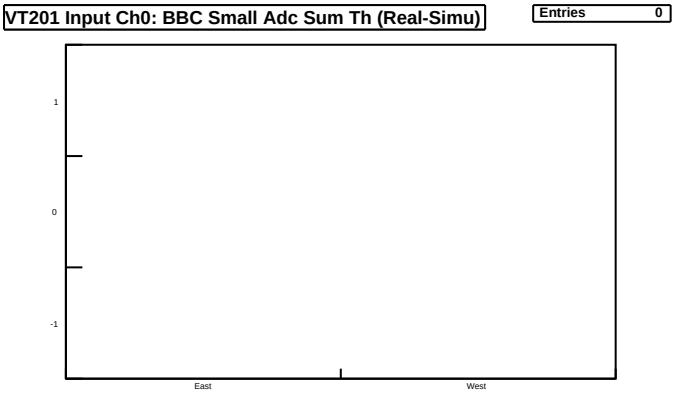

zdcAdcSum
Entries 7396836
40340
4863
18
15
7
6
133427
5704
54
44
34
31
576063
611540
616385
616388
616396
616397
482976
610699
616349
616359
616369
616372
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

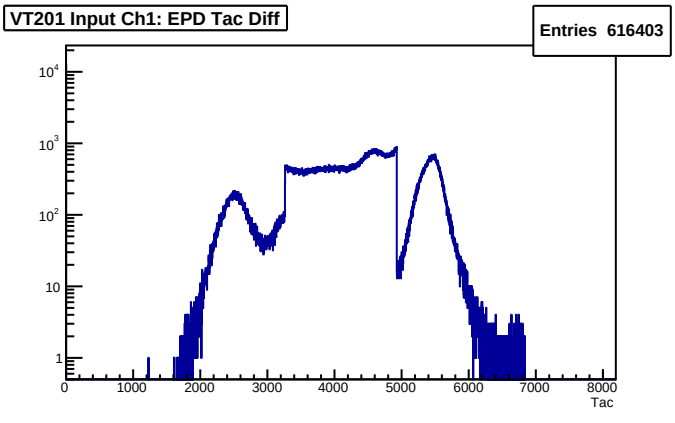

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

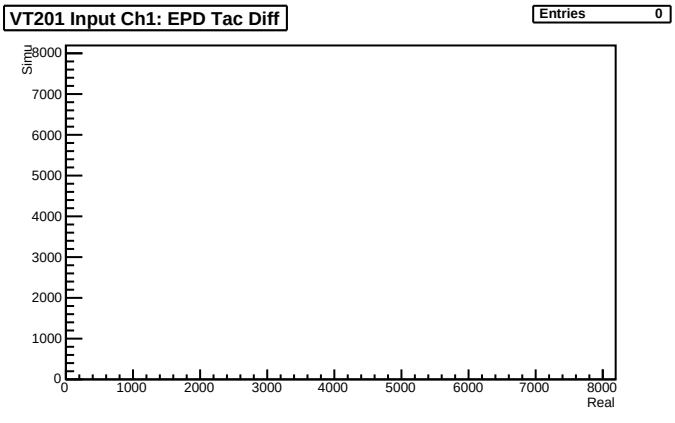

VT201 Input Ch0: BBC Small Tac Diff
Entries 616403
Tac

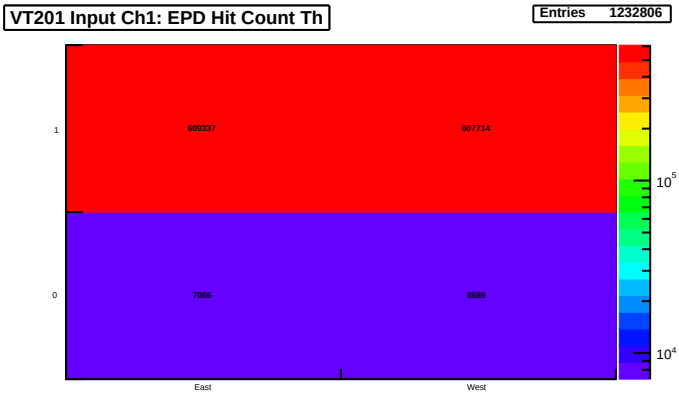

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

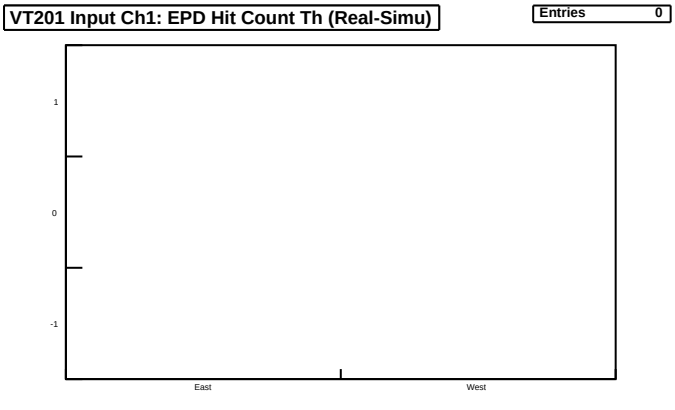

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1232806
402597
504255
213806
112148
East
West

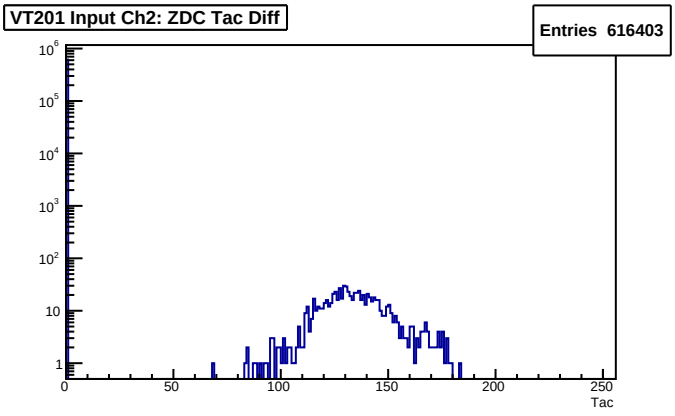

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

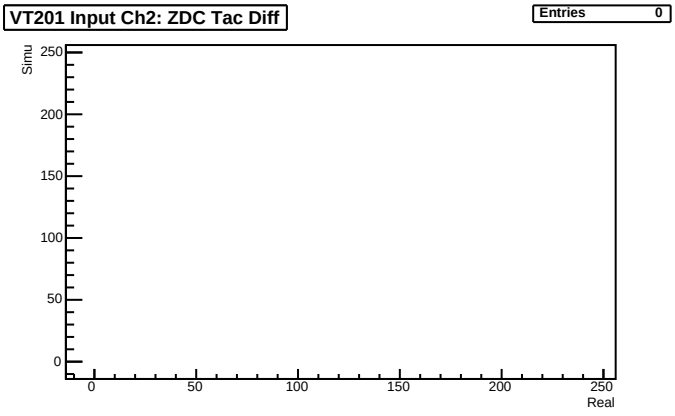

VT201 Input Ch1: EPD Tac Diff
Entries 616403
Tac

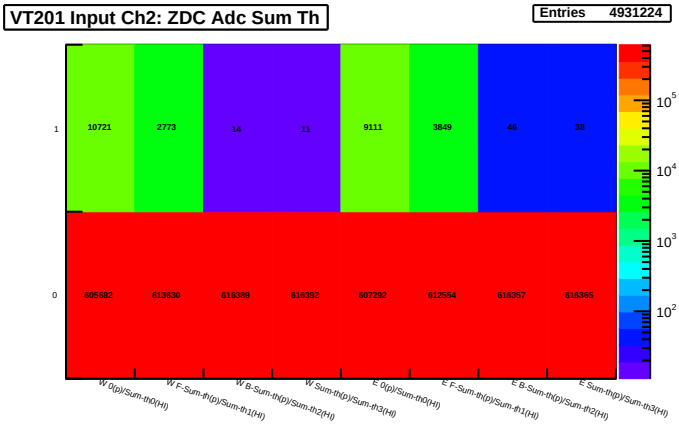

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

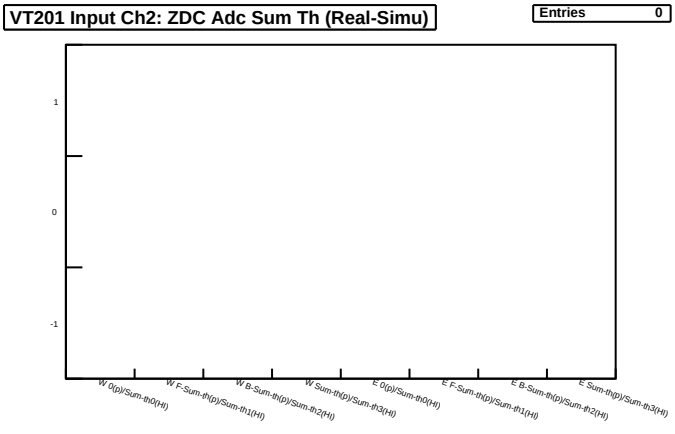

VT201 Input Ch1: EPD Hit Count Th
Entries 1232806
609337
607714
7066
8689
East
West

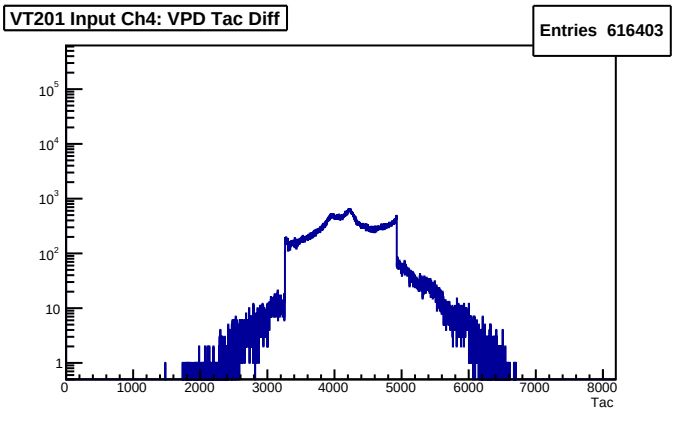

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

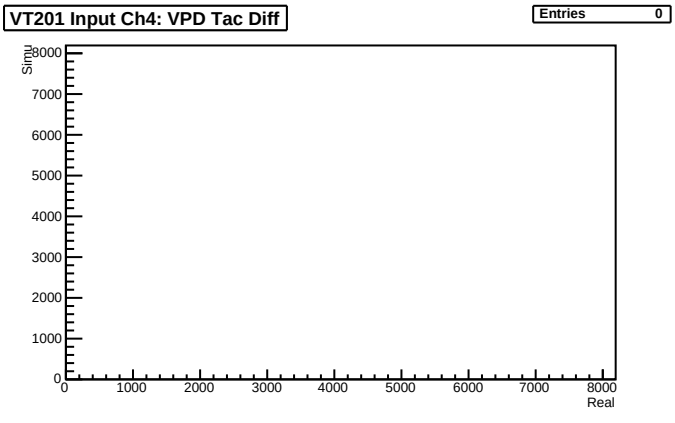

VT201 Input Ch2: ZDC Tac Diff
Entries 616403
Tac

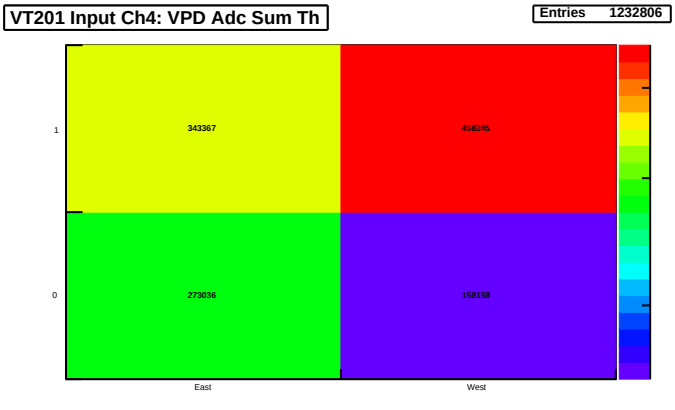

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

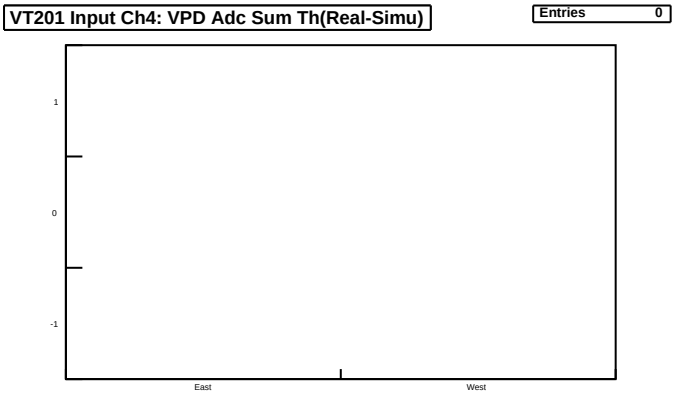

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4931224
10721
2773
14
11
9111
3849
46
38
605682
613630
616389
616392
607292
612554
616357
616365
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

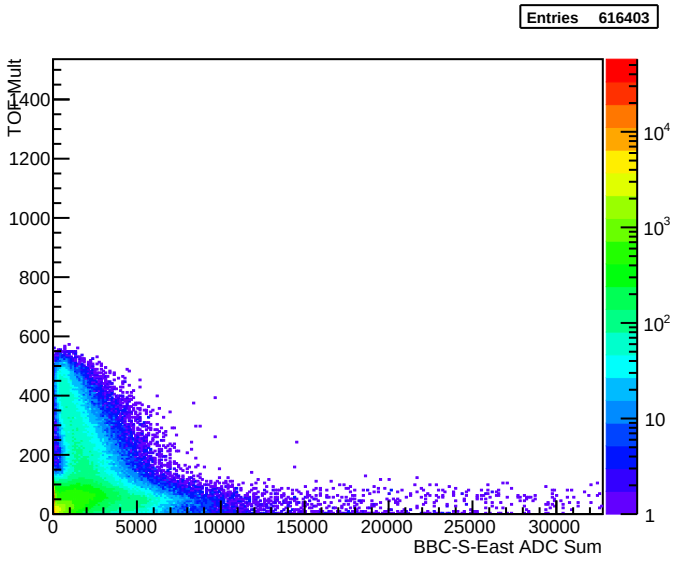

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

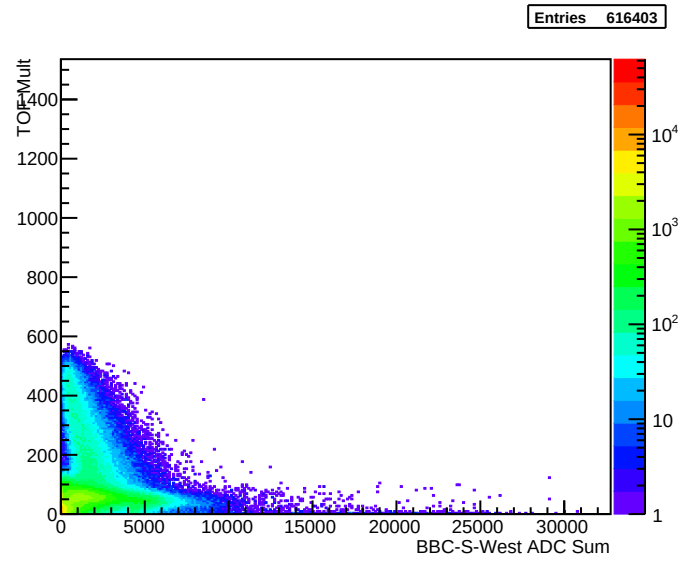

VT201 Input Ch4: VPD Tac Diff
Entries 616403
Tac

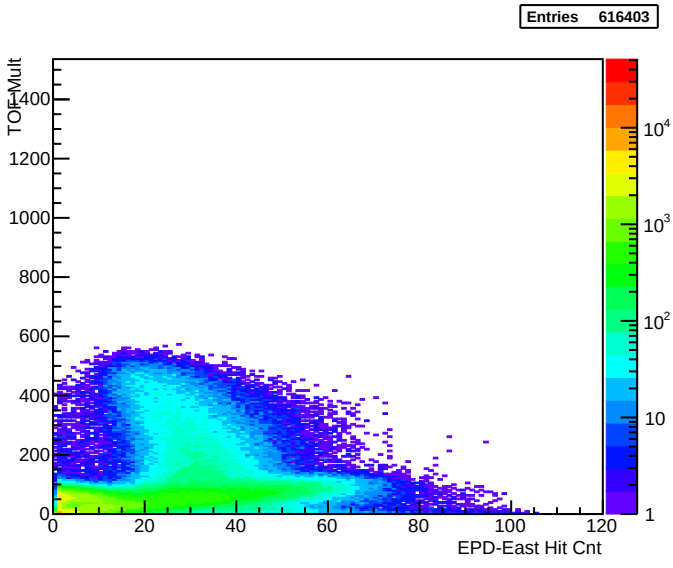

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

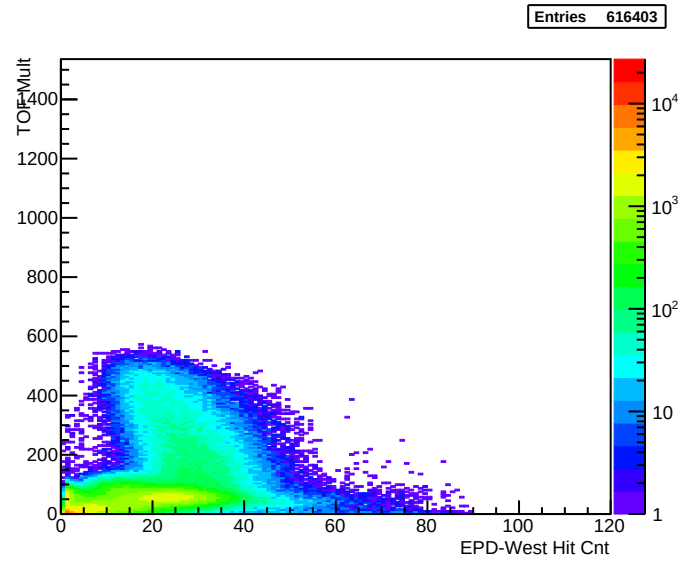

VT201 Input Ch4: VPD Adc Sum Th
Entries 1232806
343367
458245
273036
158158
East
West

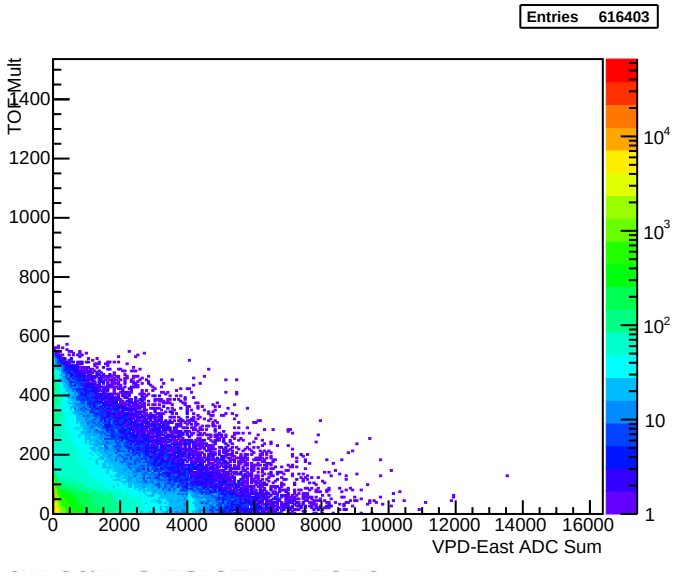

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

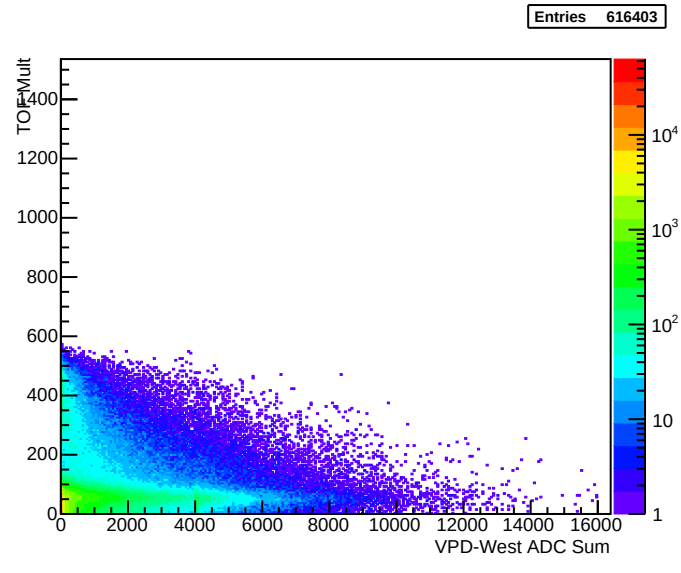

Entries 616403
TOF-Mult
BBC-S-East ADC Sum

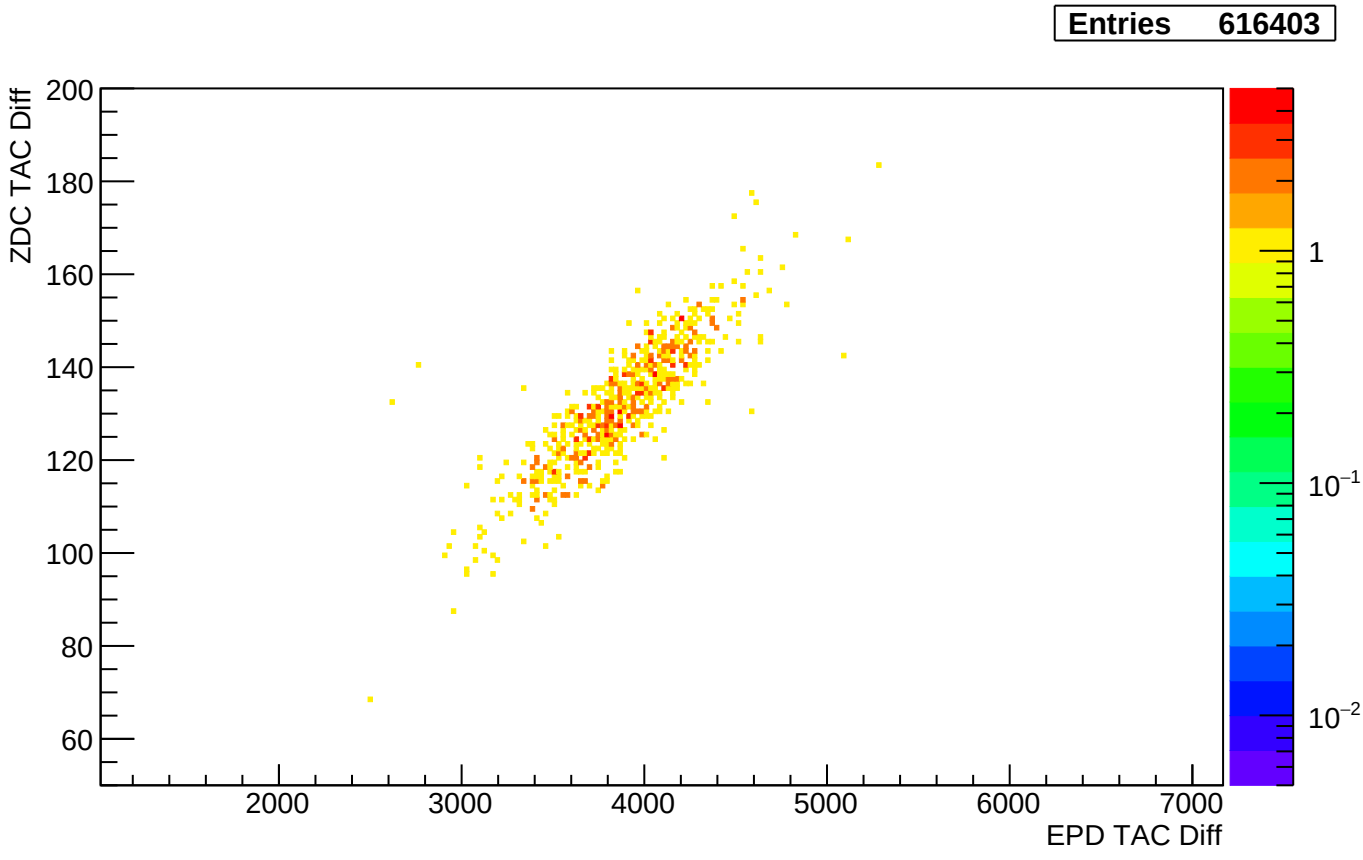

Entries 616403
TOF-Mult
BBC-S-West ADC Sum

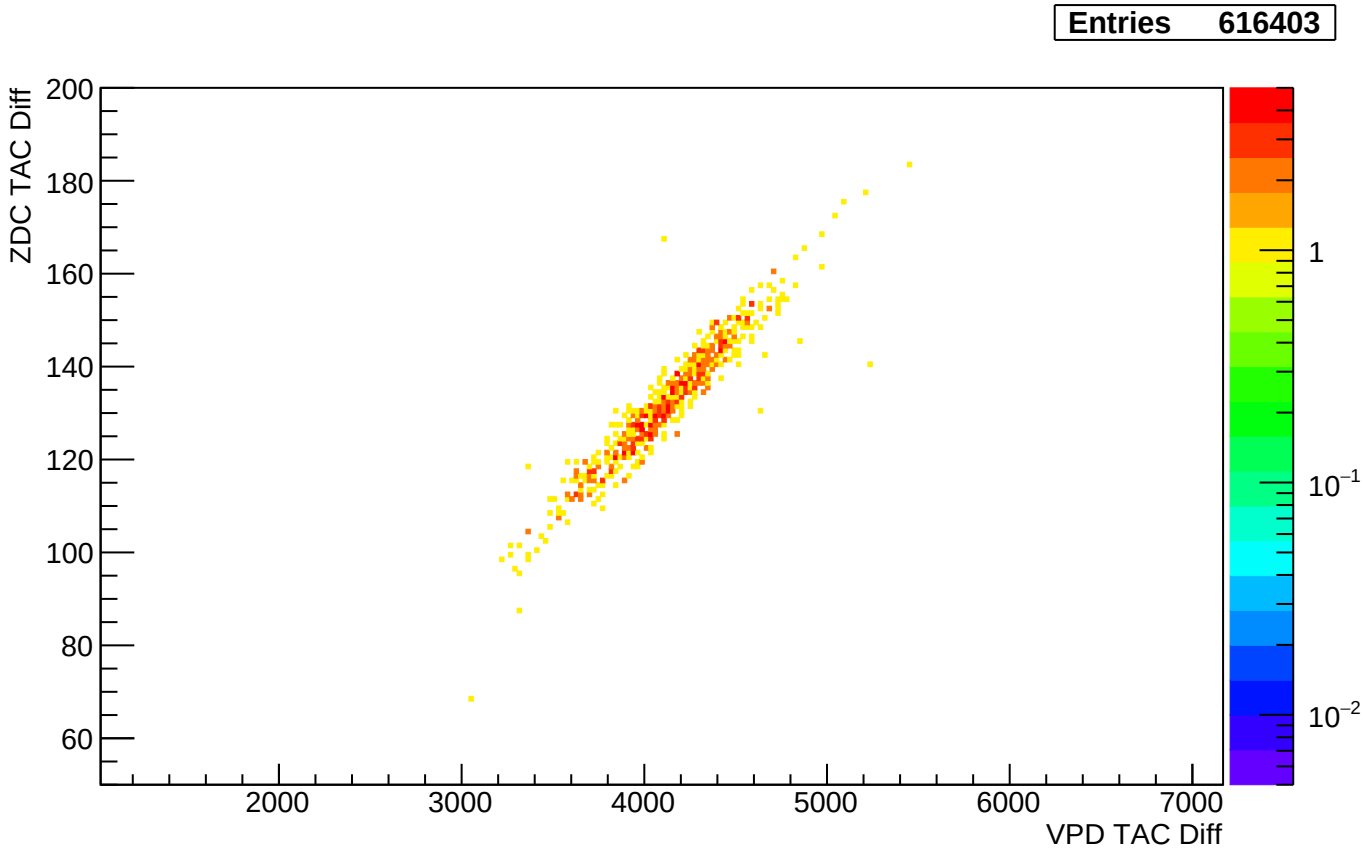

Entries 616403
TOF-Mult
EPD-East Hit Cnt

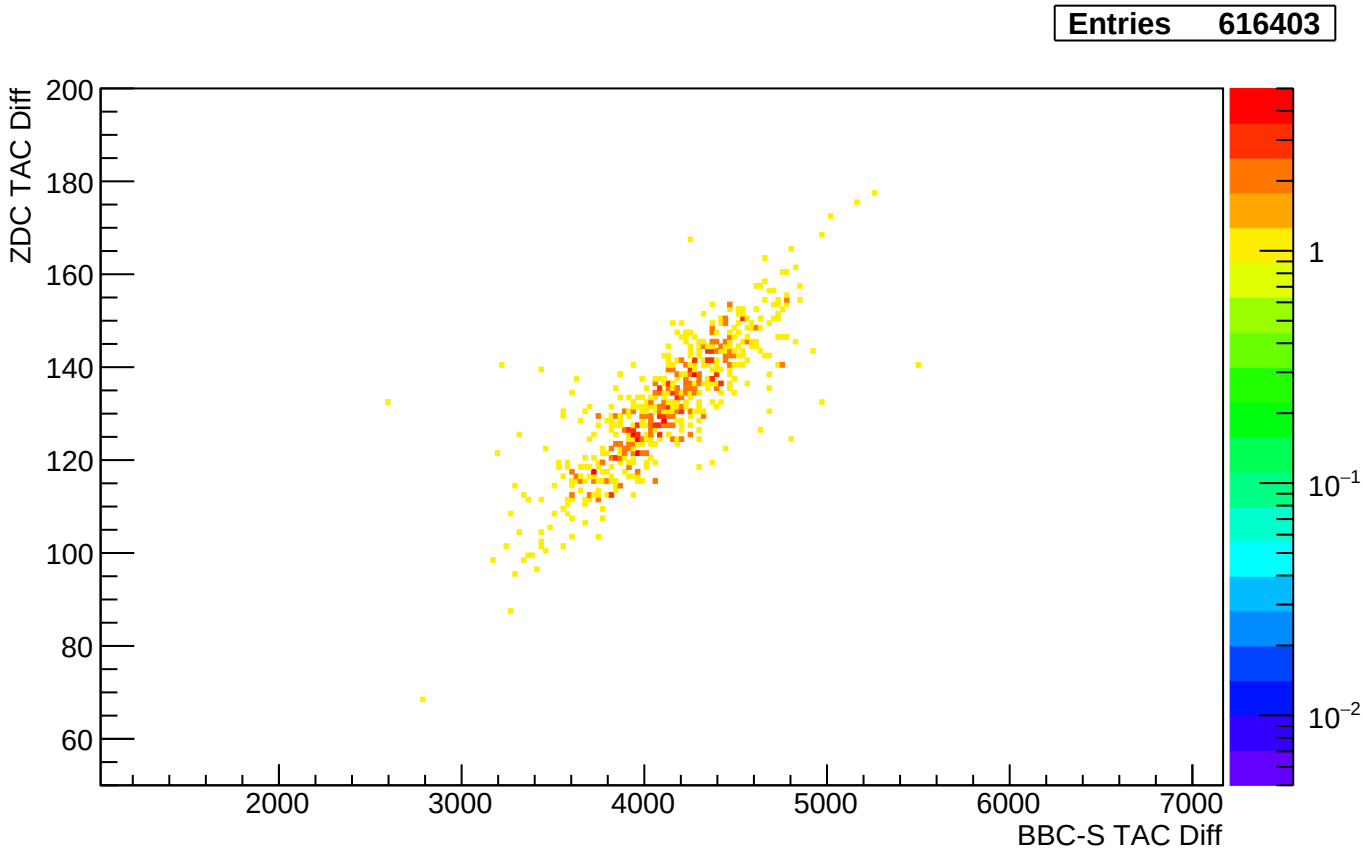

Entries 616403
TOF-Mult
EPD-West Hit Cnt

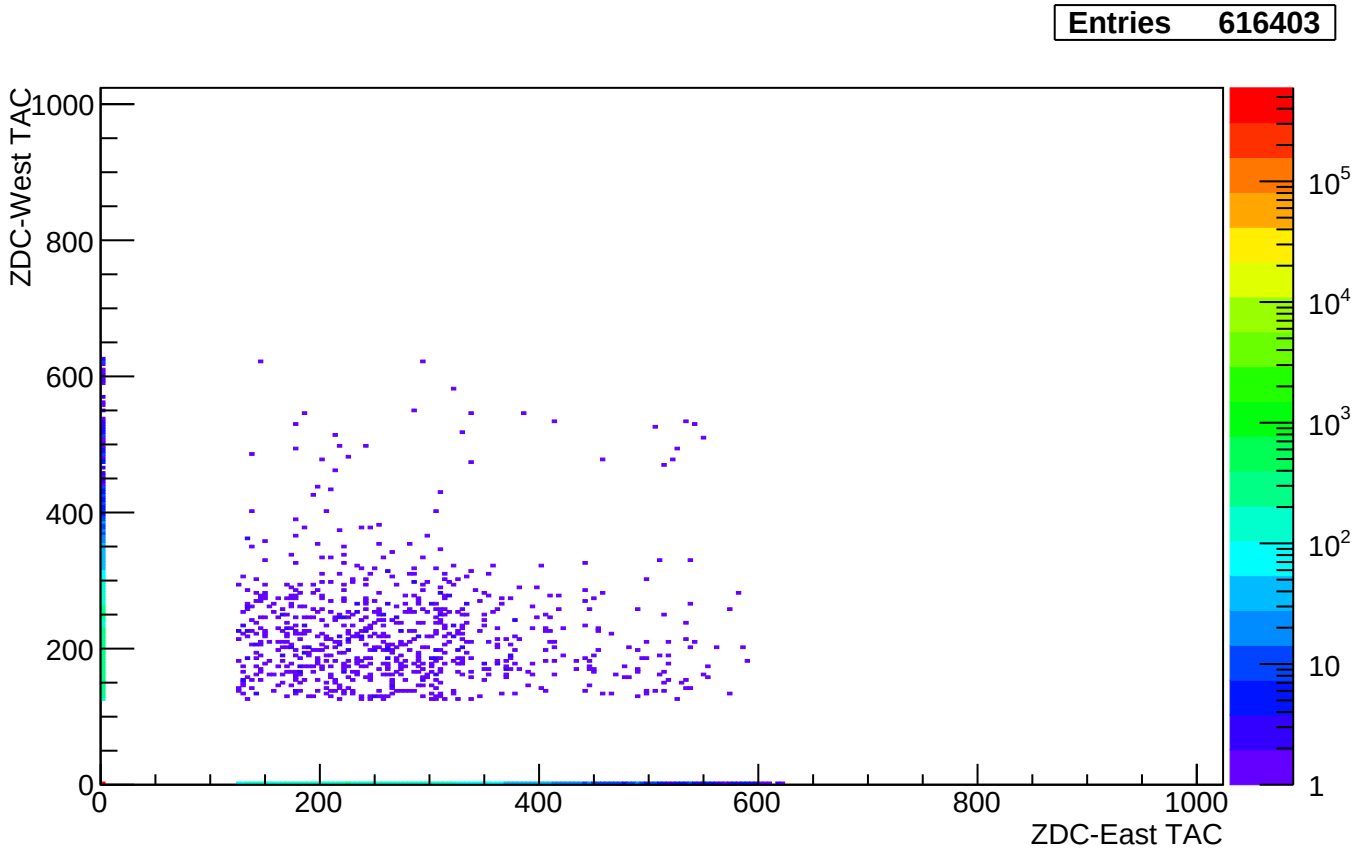

Entries 616403
TOF-Mult
VPD-East ADC Sum

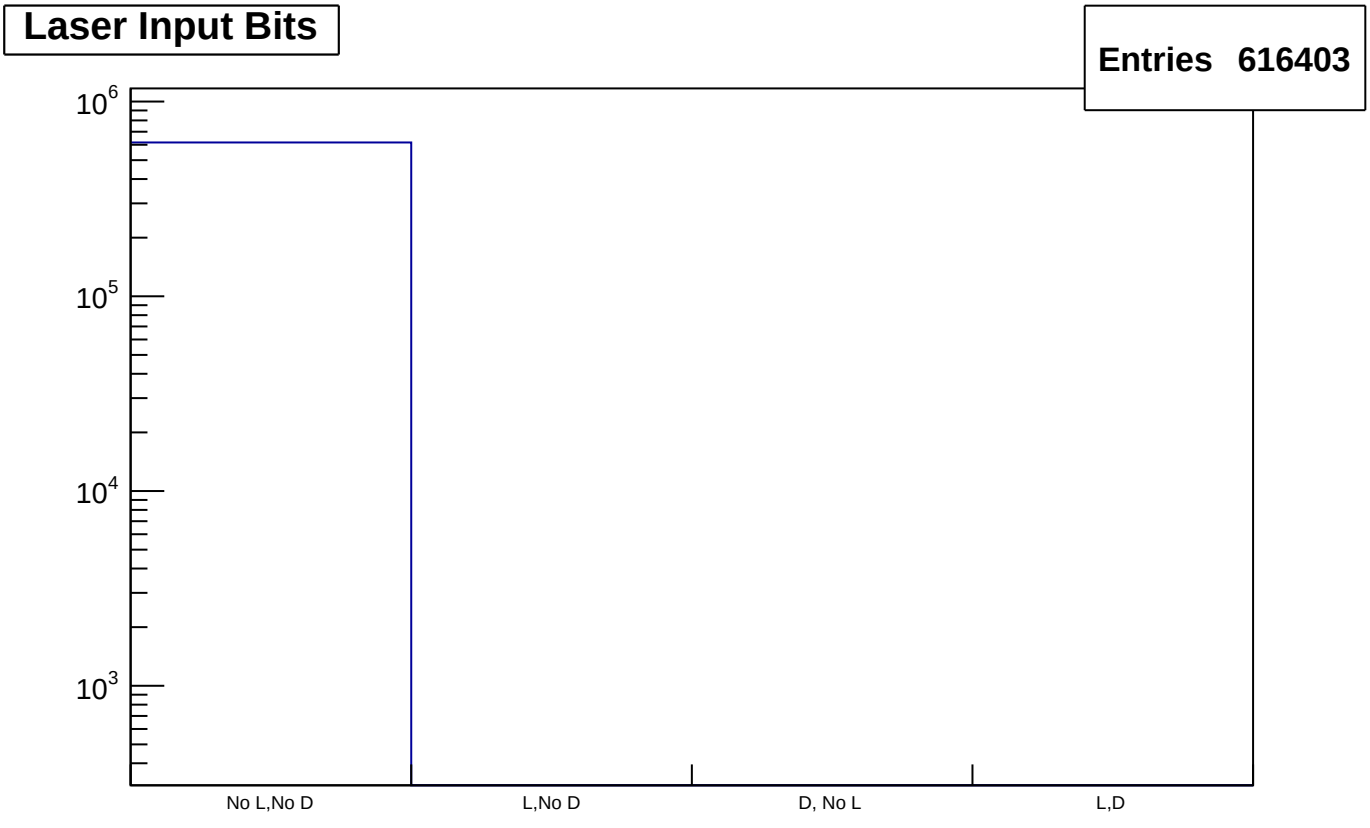

Entries 616403
TOF-Mult
VPD-West ADC Sum

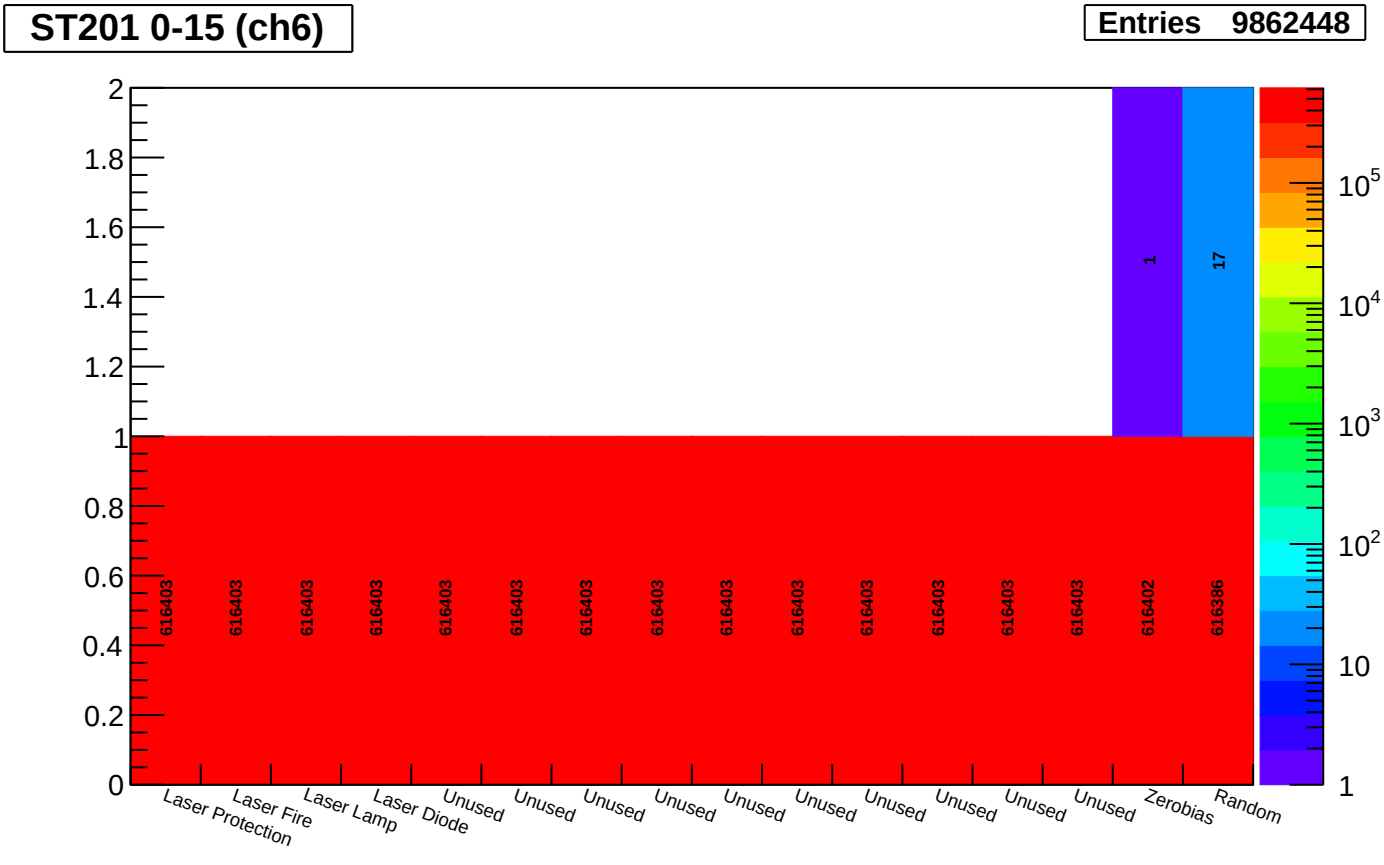

Entries 616403
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

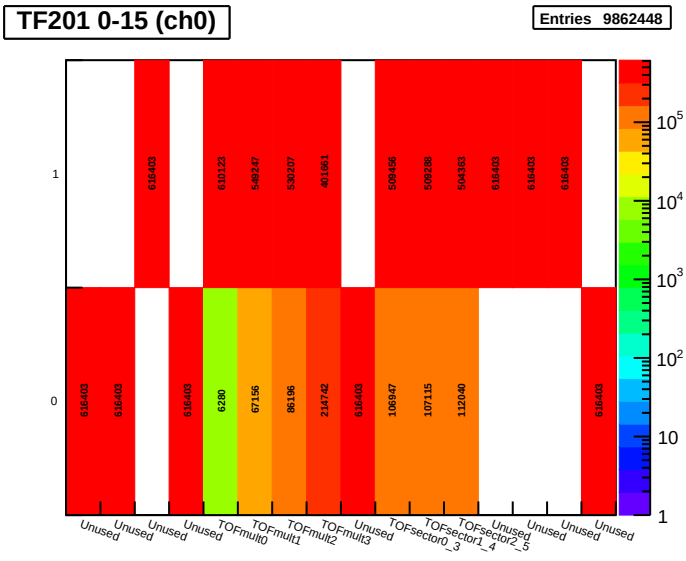

Entries 616403
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

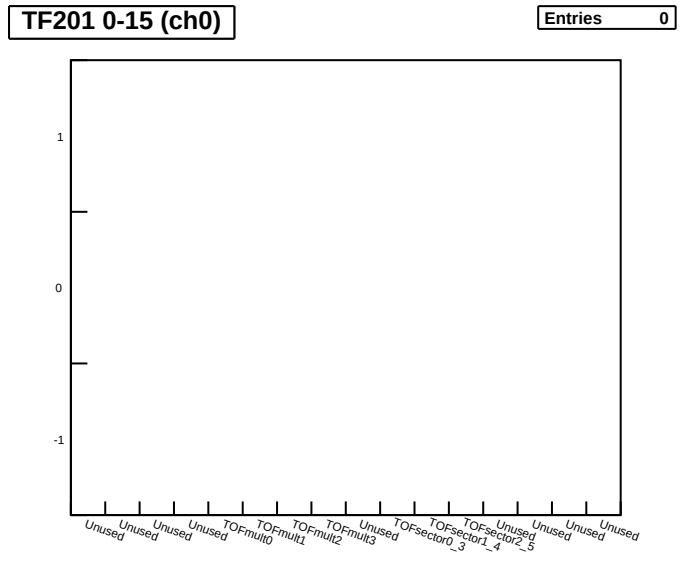

Entries 616403
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

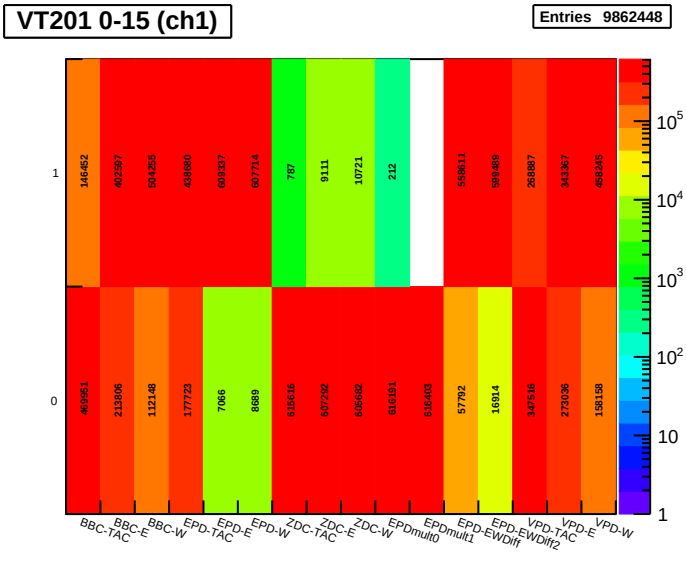

Entries 616403
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

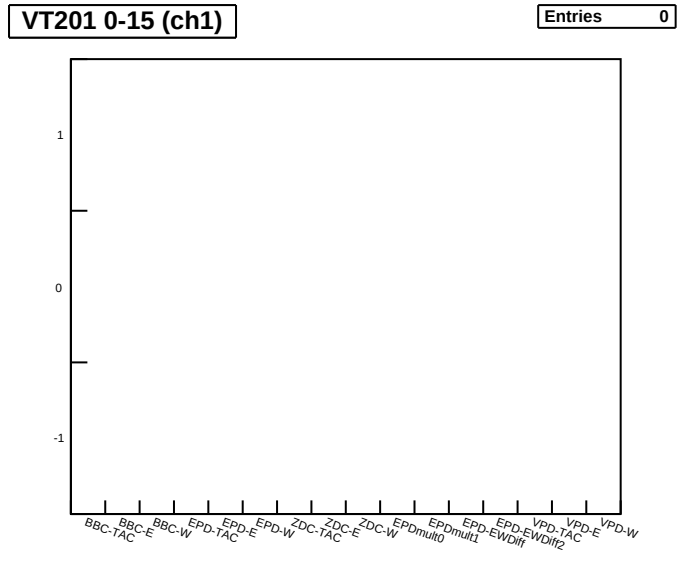

Laser Input Bits
Entries 616403
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

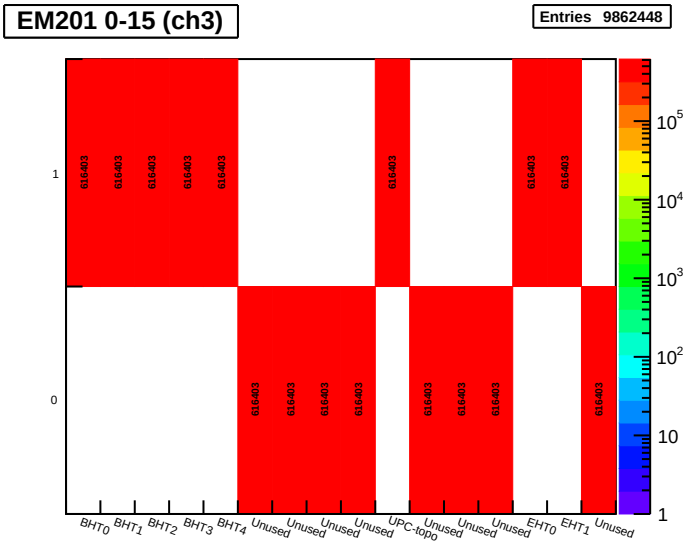

ST201 0-15 (ch6)
Entries 9862448
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616402
616386
1
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

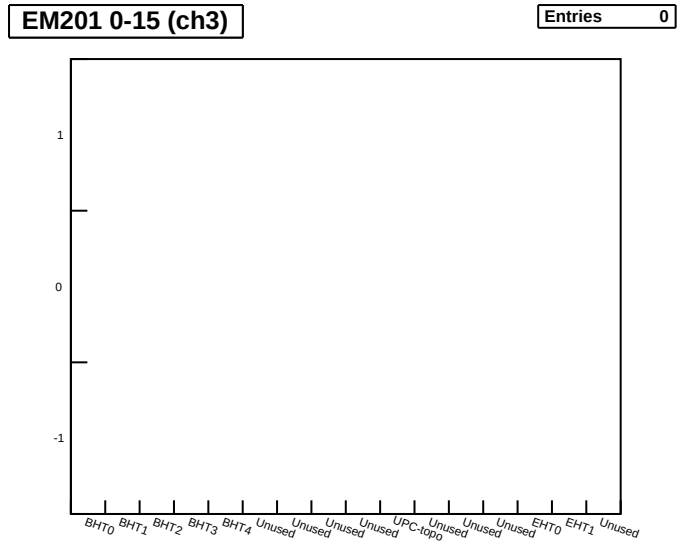

TF201 0-15 (ch0)
Entries 9862448
1
0
616403
610123
548247
530207
401661
509456
509288
504363
616403
616403
616403
616403
616403
616403
6280
67156
86196
214742
616403
106947
107115
112040
616403
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 9862448
1
0
146452
402597
504255
438680
609337
607714
767
9111
10721
212
536611
599489
268887
343357
458245
469951
213806
112148
177723
7066
8689
615616
607292
605682
616191
616403
57792
16914
347516
273036
158158
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 9862448
1
0
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
616403
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