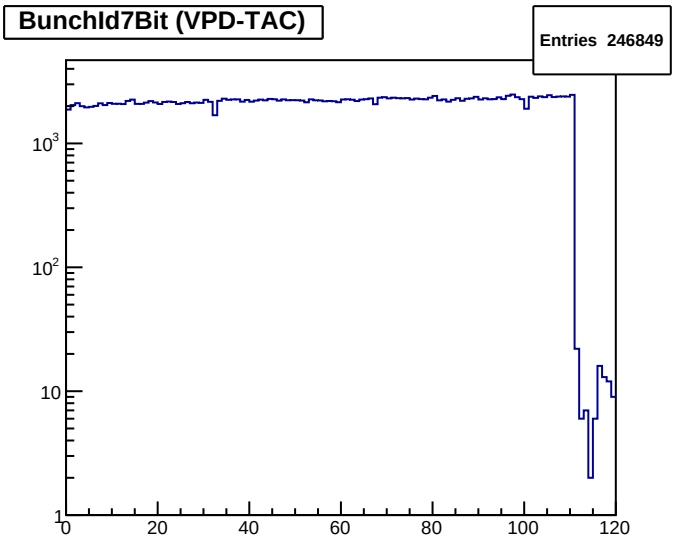
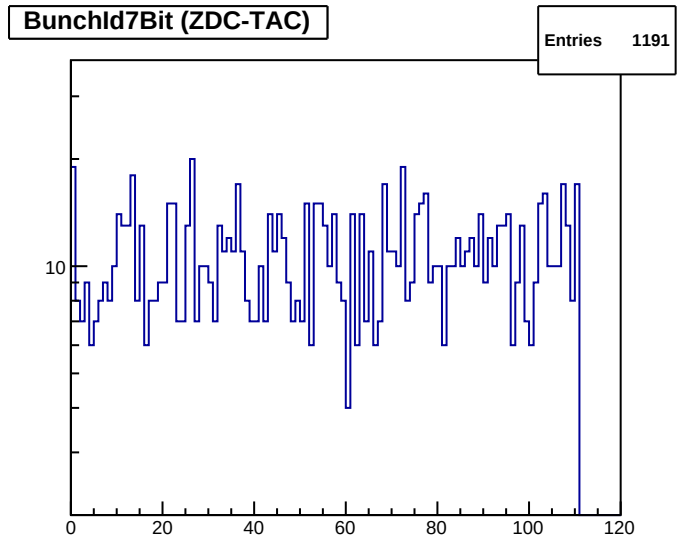
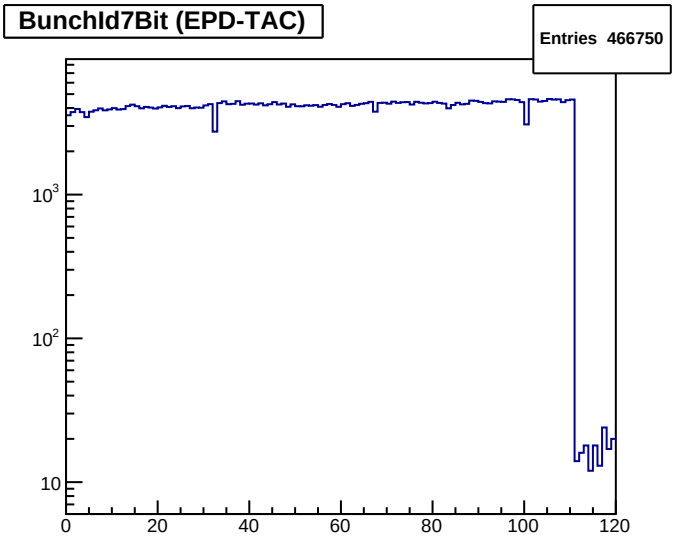
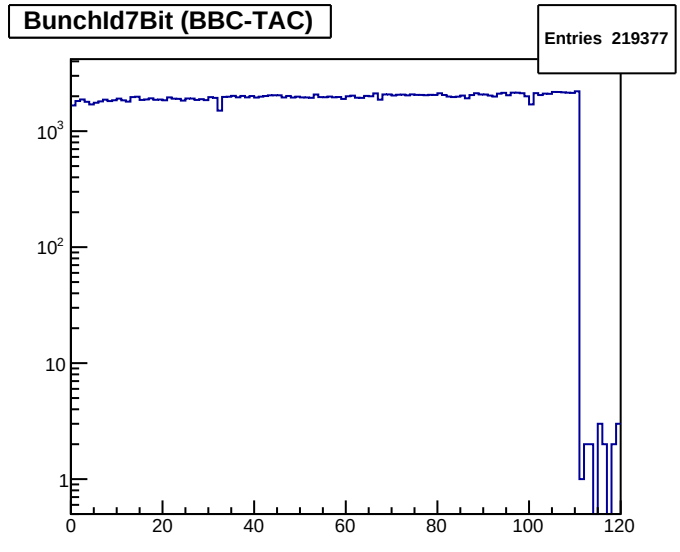
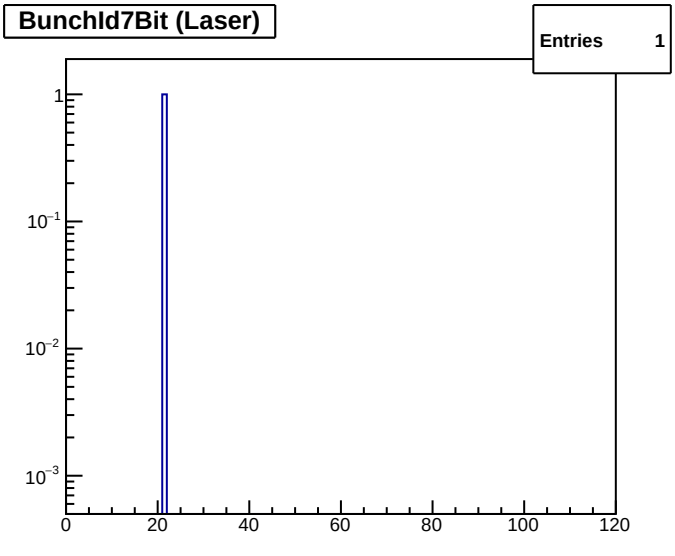
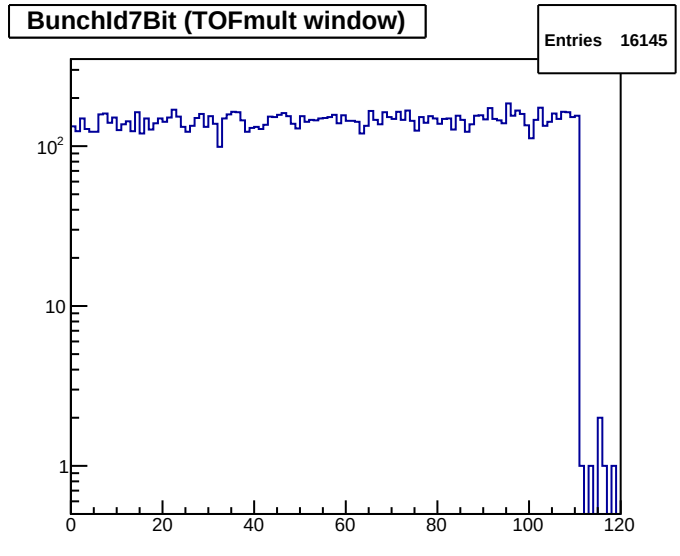

BunchId7Bit (VPD-TAC)
Entries 246849

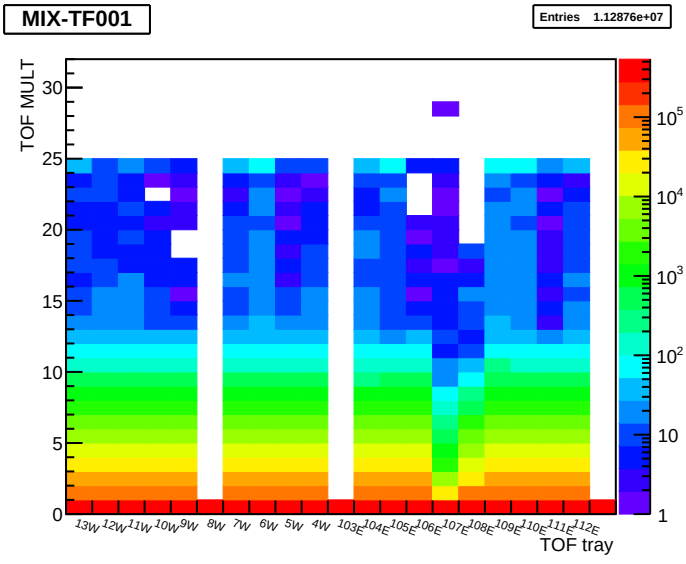

BunchId7Bit (ZDC-TAC)
Entries 1191

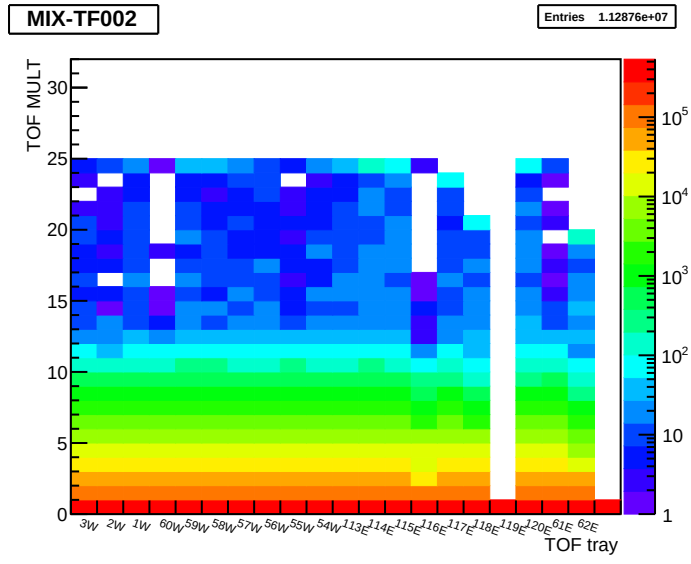

BunchId7Bit (EPD-TAC)
Entries 466750

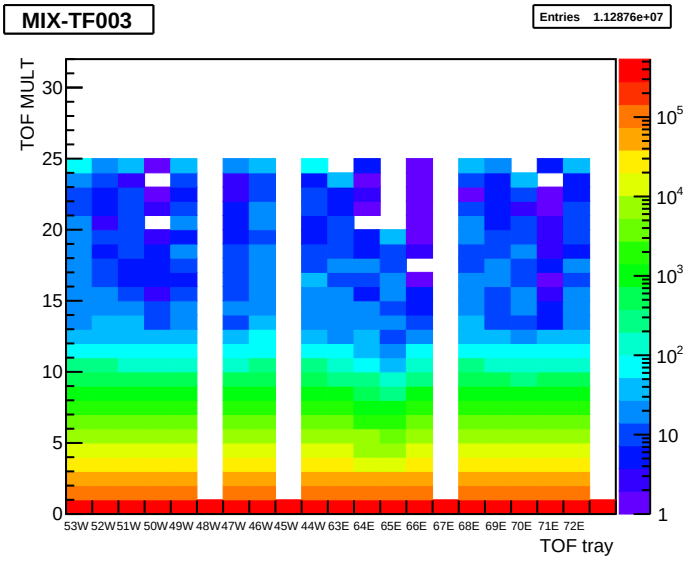

BunchId7Bit (BBC-TAC)
Entries 219377

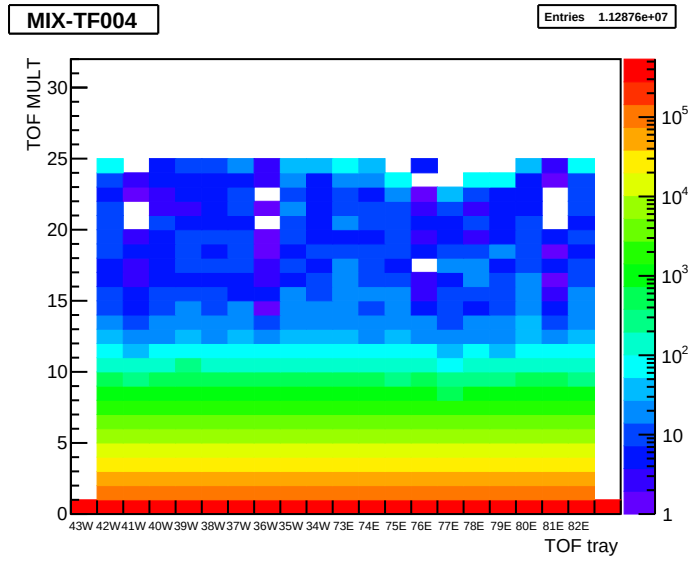

BunchId7Bit (Laser)
Entries 1

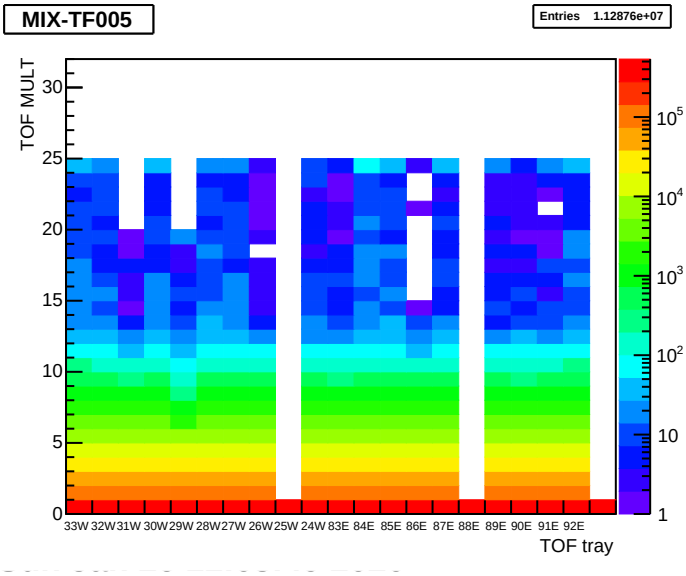

BunchId7Bit (TOFmult window)
Entries 16145

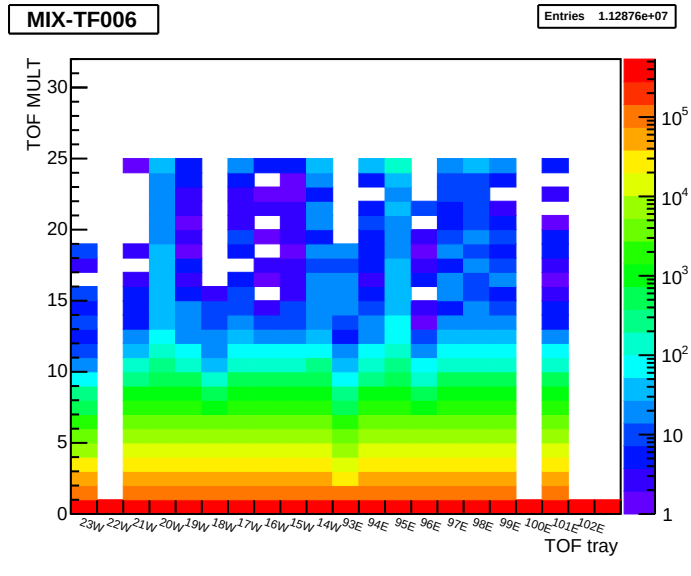

MIX-TF001
Entries 1.12876e+07
TOF MULT
TOF tray

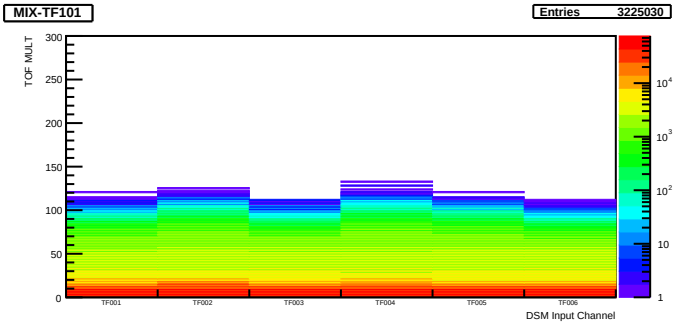

MIX-TF002
Entries 1.12876e+07
TOF MULT
TOF tray

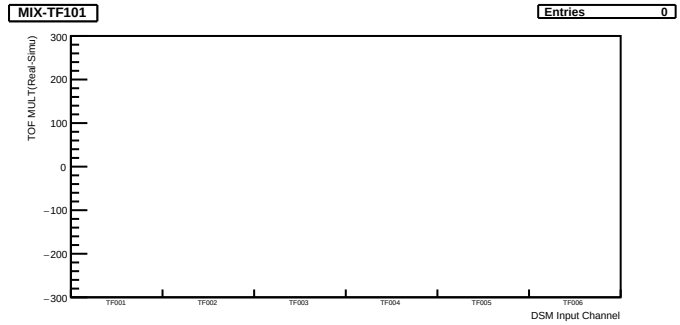

MIX-TF003
Entries 1.12876e+07
TOF MULT
TOF tray

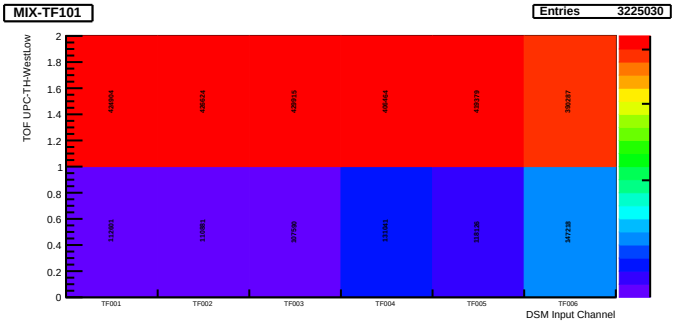

MIX-TF004
Entries 1.12876e+07
TOF MULT
TOF tray

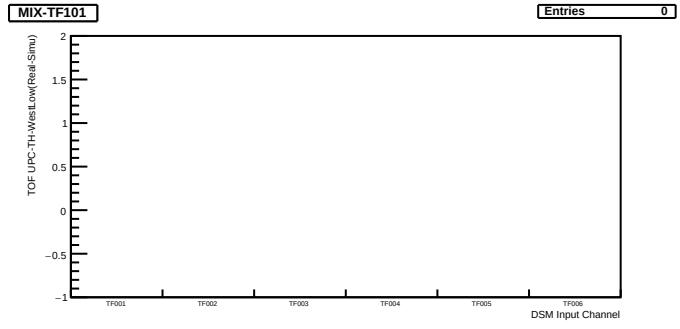

MIX-TF005
Entries 1.12876e+07
TOF MULT
TOF tray

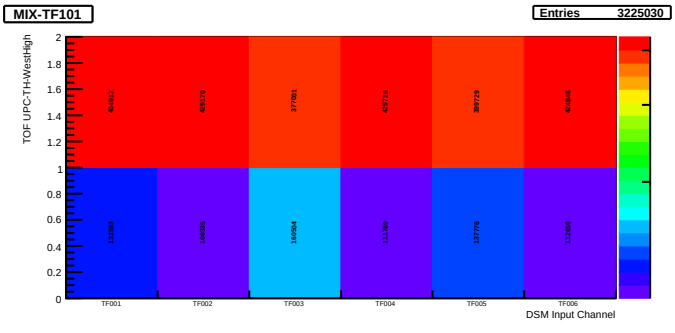

MIX-TF006
Entries 1.12876e+07
TOF MULT
TOF tray

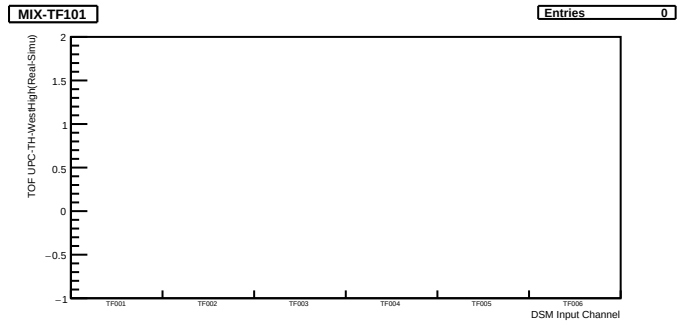

MIX-TF101
Entries 3225030
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

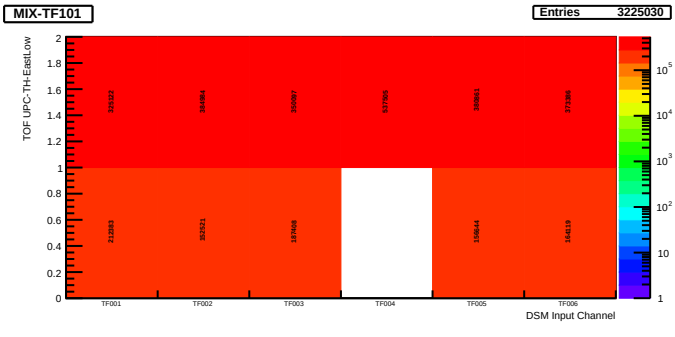

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

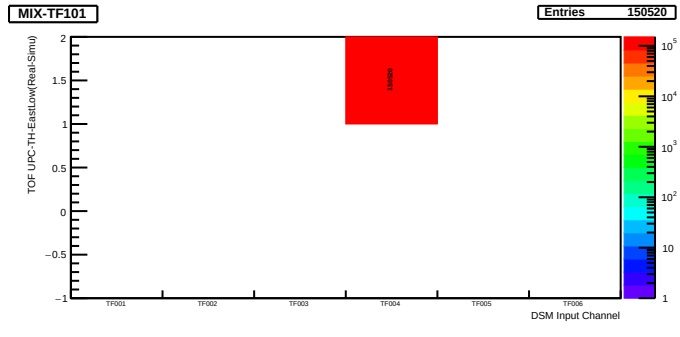

MIX-TF101
Entries 3225030
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

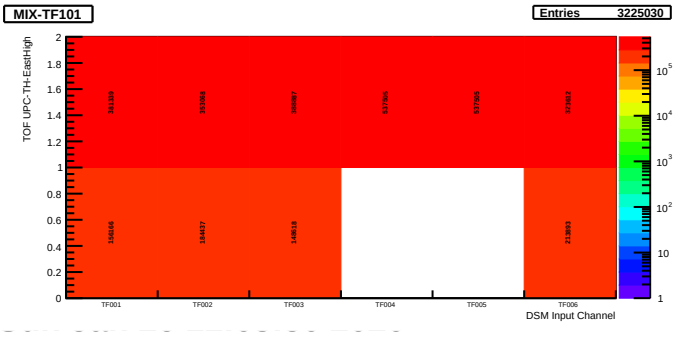

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

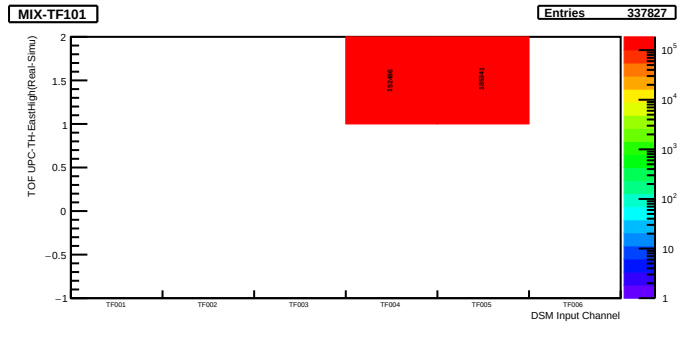

MIX-TF101
Entries 3225030
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

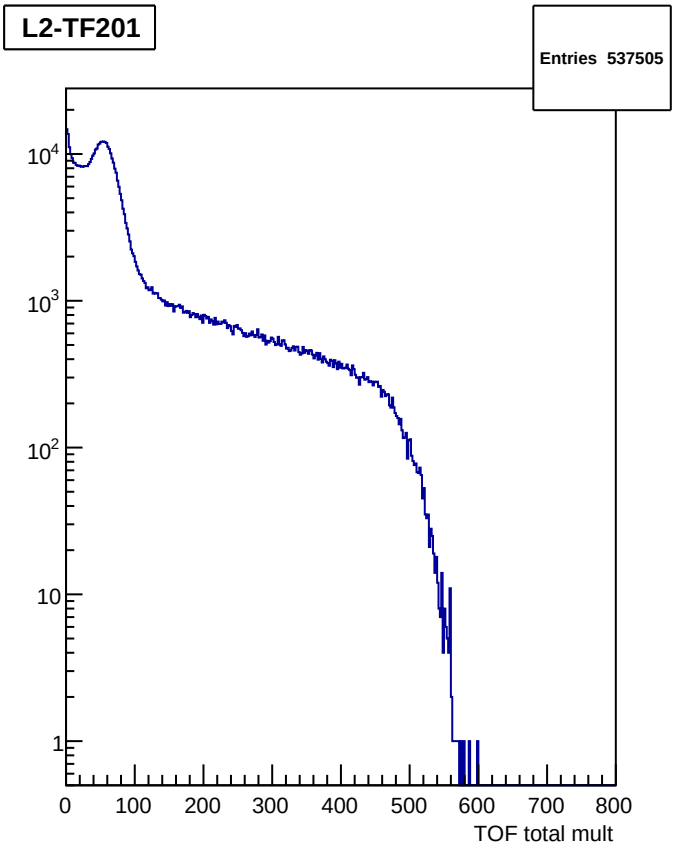

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

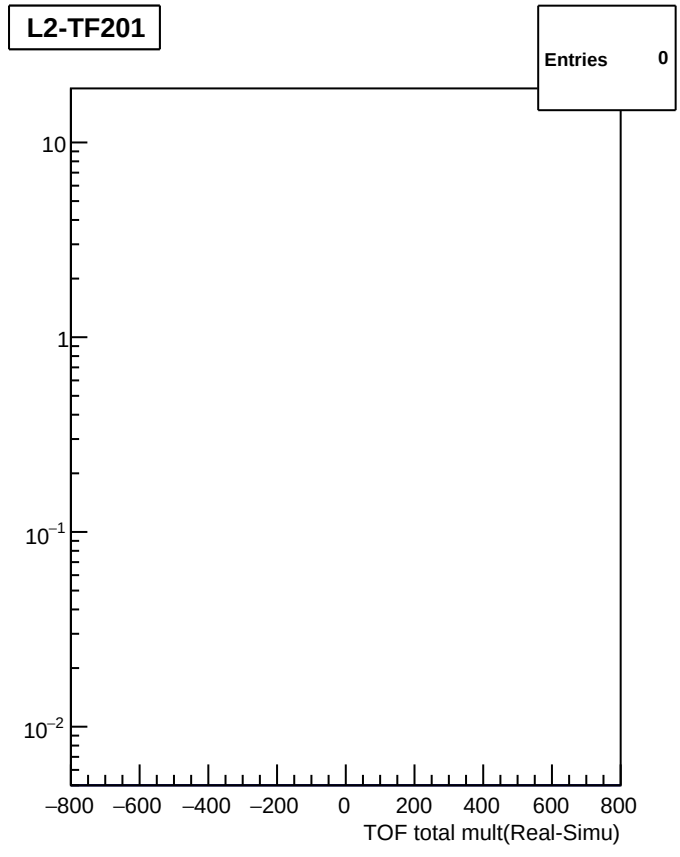

MIX-TF101
Entries 3225030
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

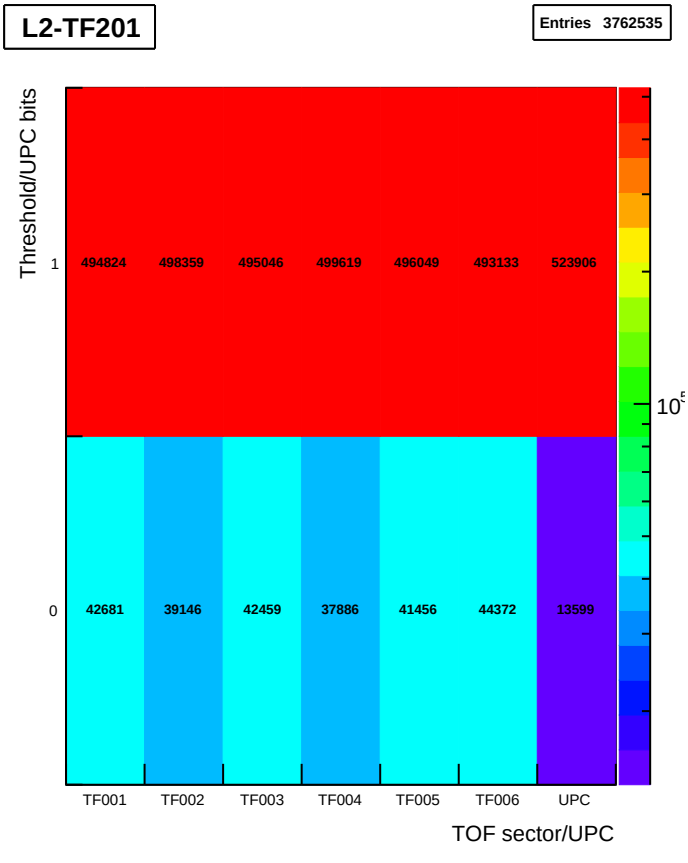

MIX-TF101
Entries 150520
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

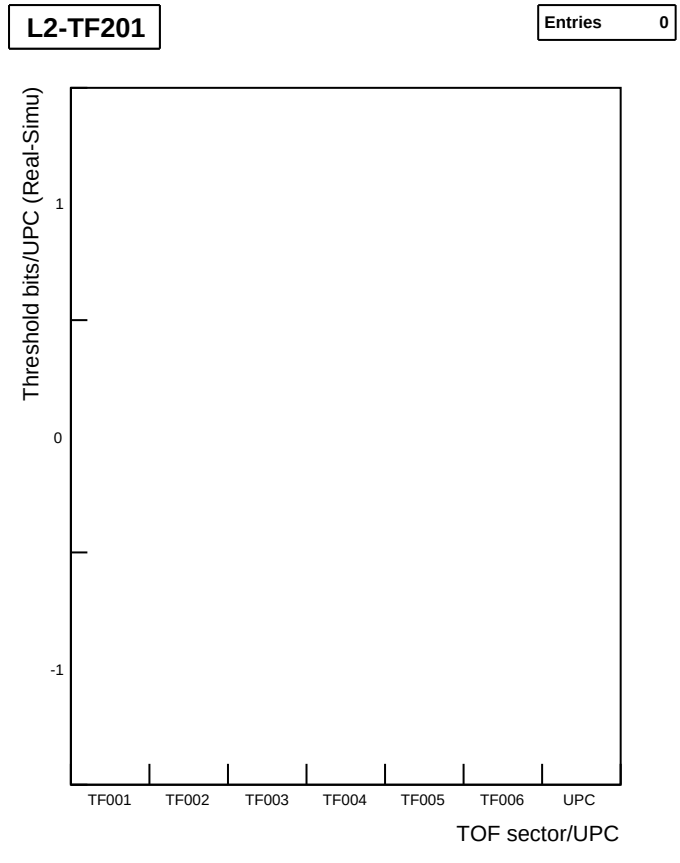

MIX-TF101
Entries 3225030
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

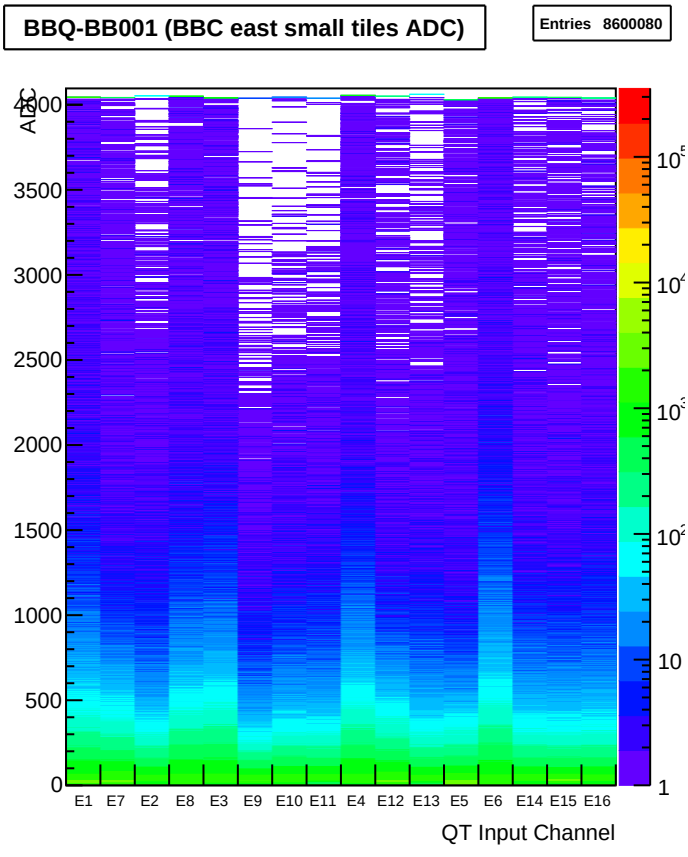

MIX-TF101
Entries 337827
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

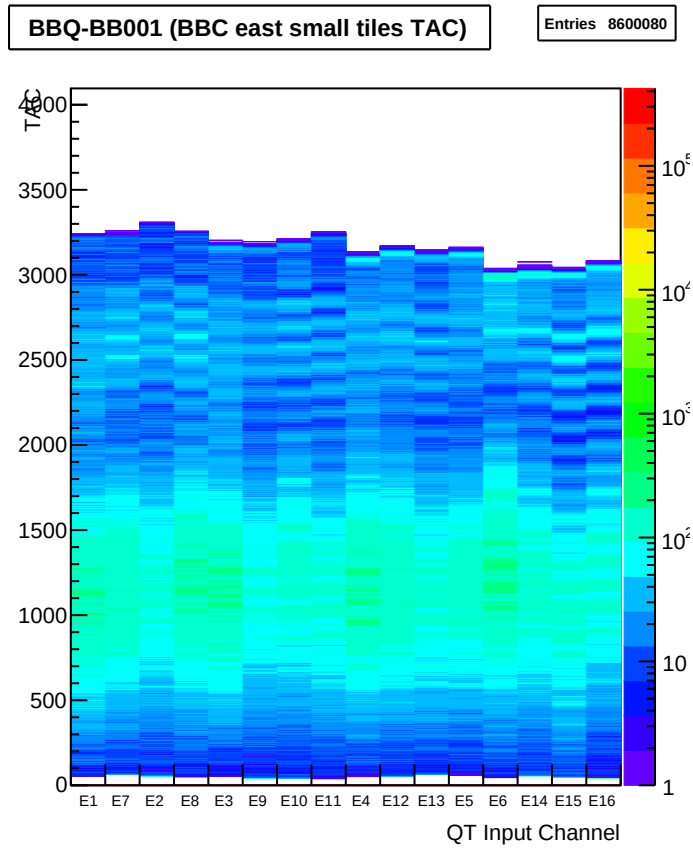

L2-TF201
Entries 537505
TOF total mult

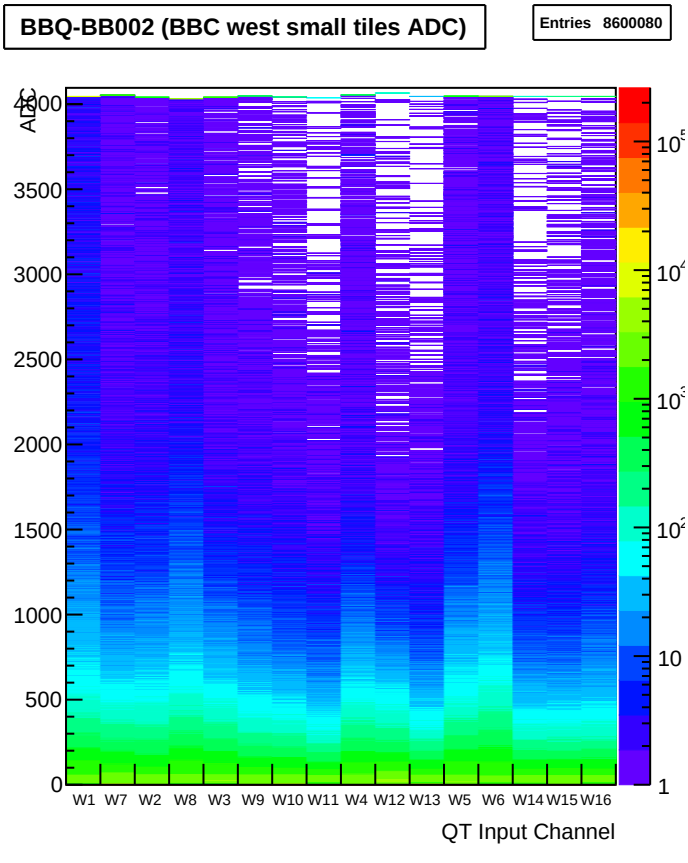

L2-TF201
Entries 0
TOF total mult(Real-Simu)

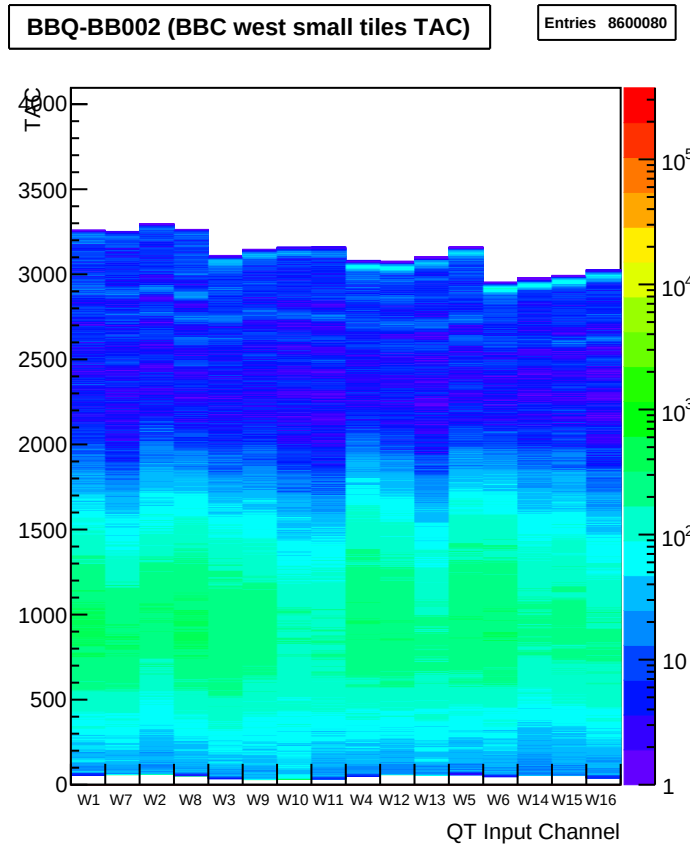

L2-TF201
Entries 3762535
Threshold/UPC bits
494824
498359
495046
499619
496049
493133
523906
42681
39146
42459
37886
41456
44372
13599
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

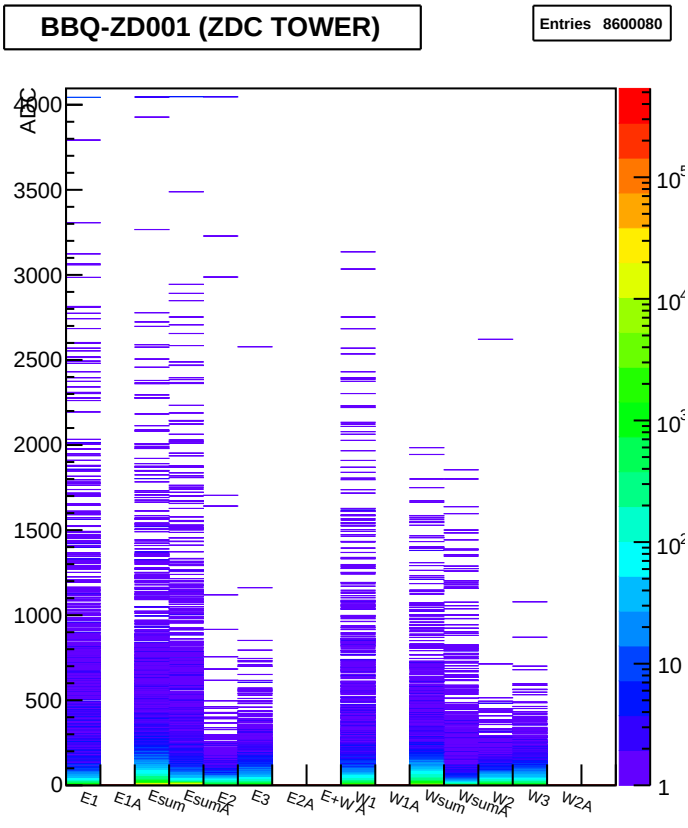

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

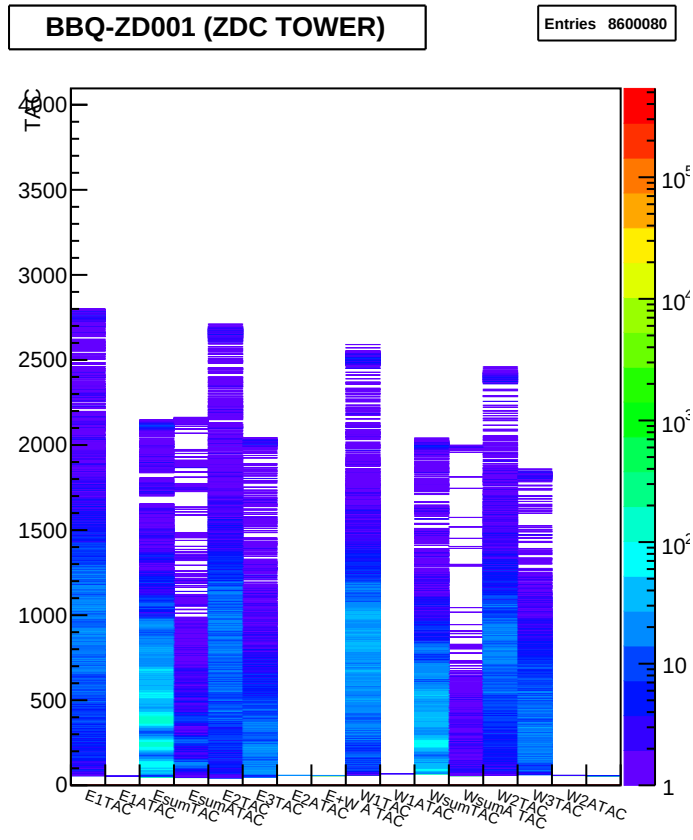

BBQ-BB001 (BBC east small tiles ADC)
Entries 8600080
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

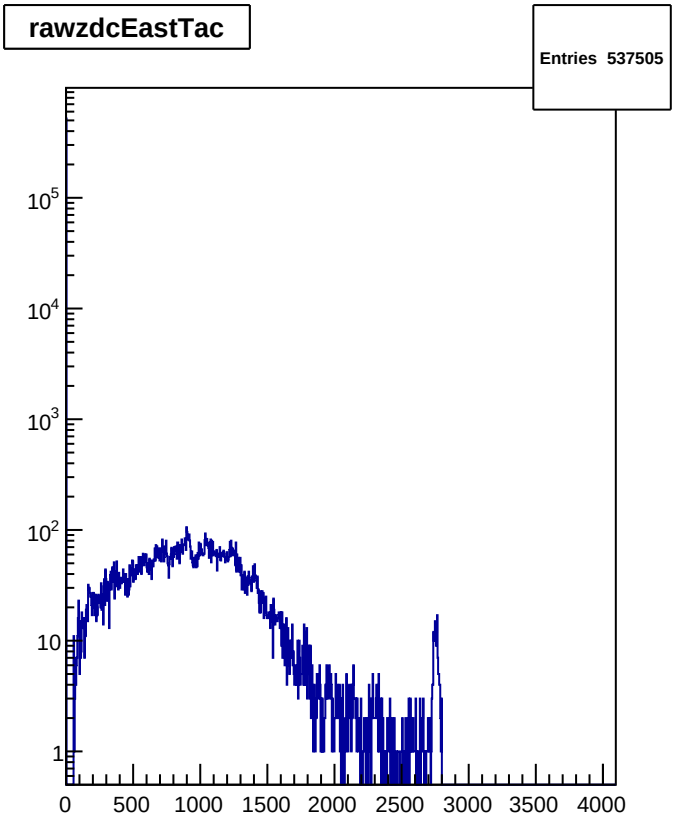

BBQ-BB001 (BBC east small tiles TAC)
Entries 8600080
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

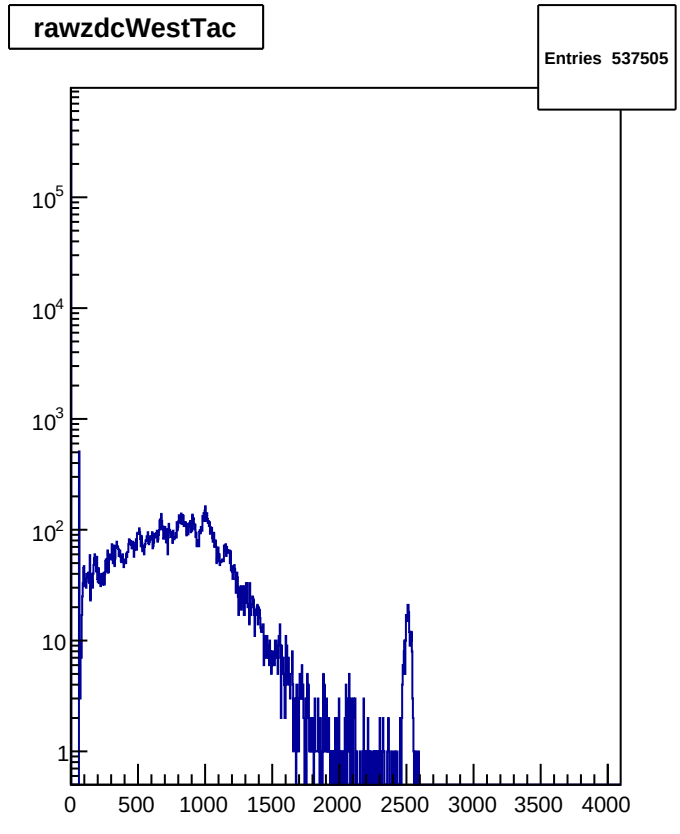

BBQ-BB002 (BBC west small tiles ADC)
Entries 8600080
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

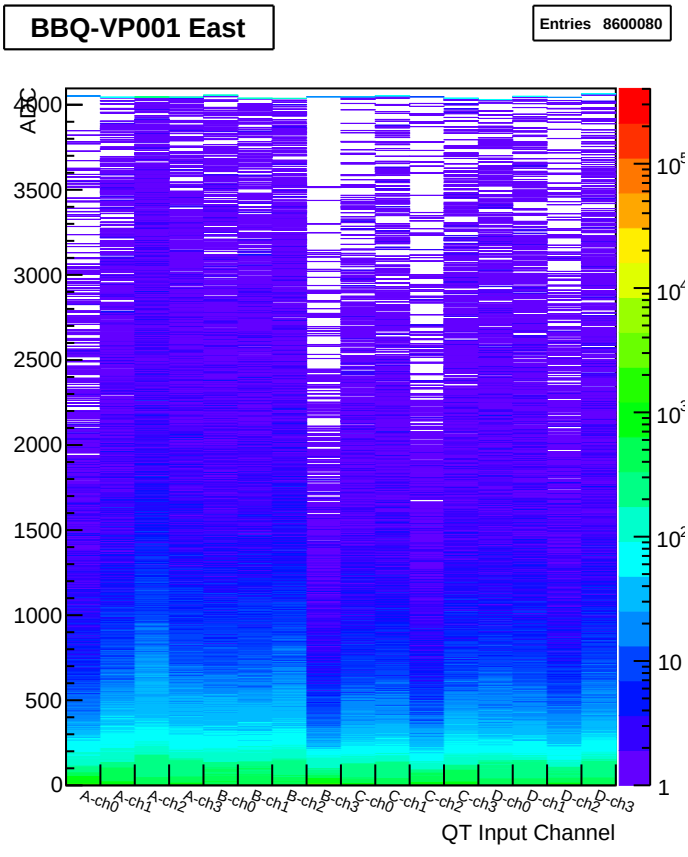

BBQ-BB002 (BBC west small tiles TAC)
Entries 8600080
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

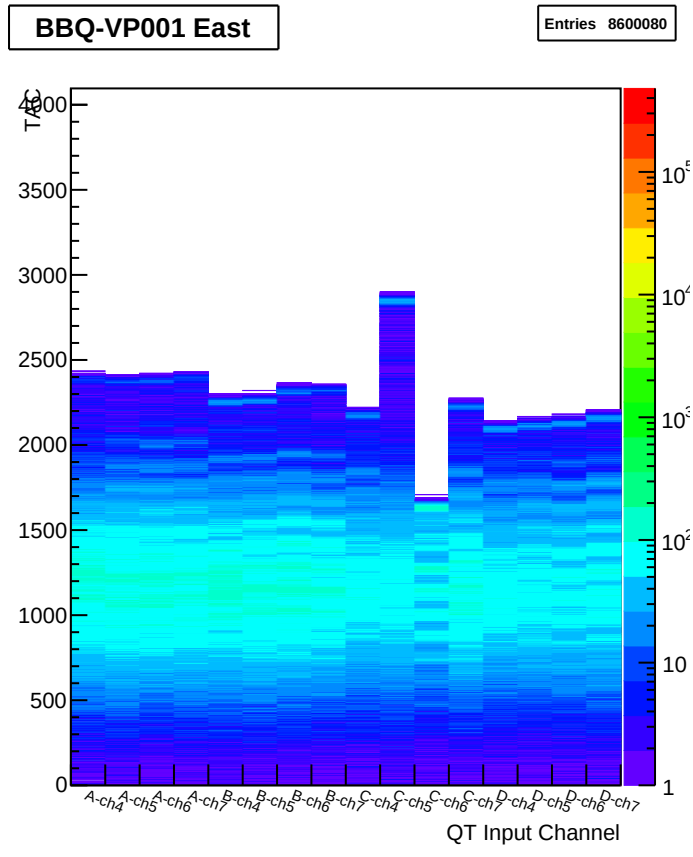

BBQ-ZD001 (ZDC TOWER)
Entries 8600080
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

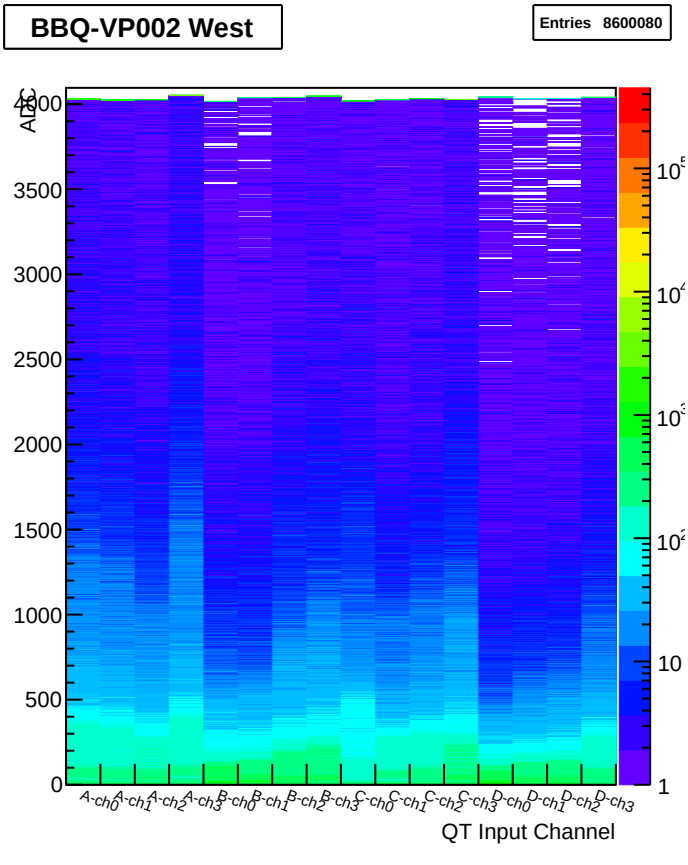

BBQ-ZD001 (ZDC TOWER)
Entries 8600080
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

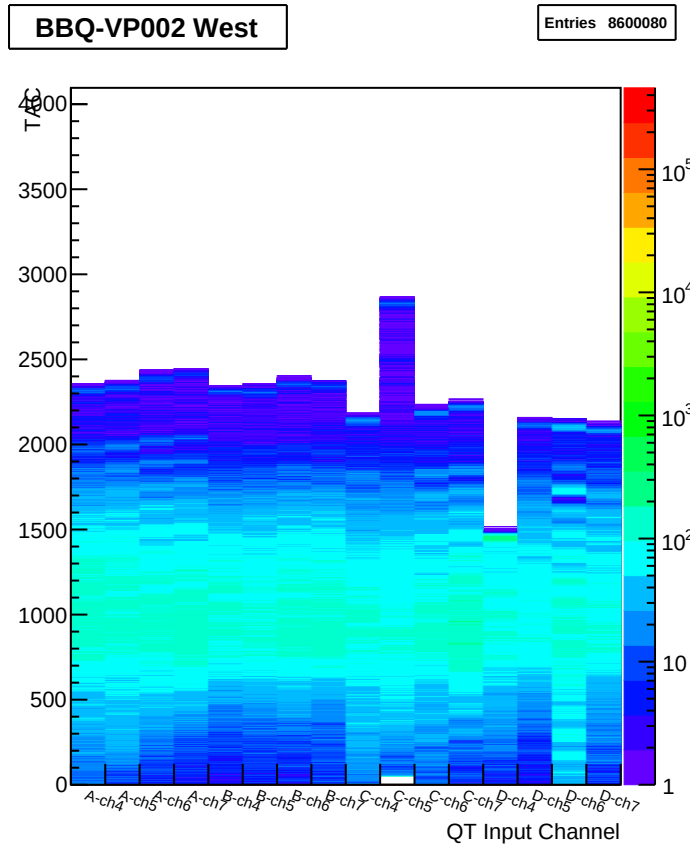

rawzdcEastTac
Entries 537505

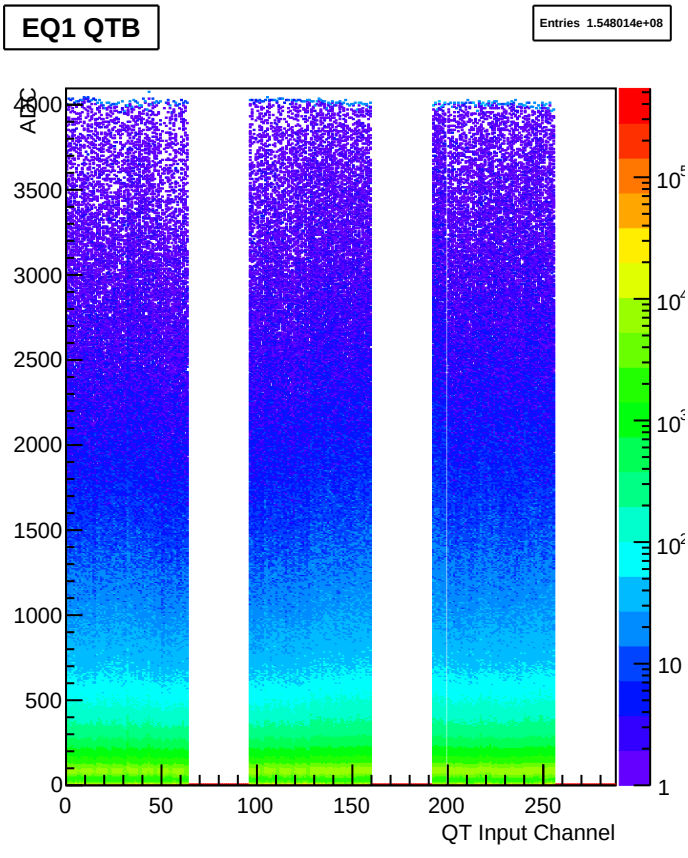

rawzdcWestTac
Entries 537505

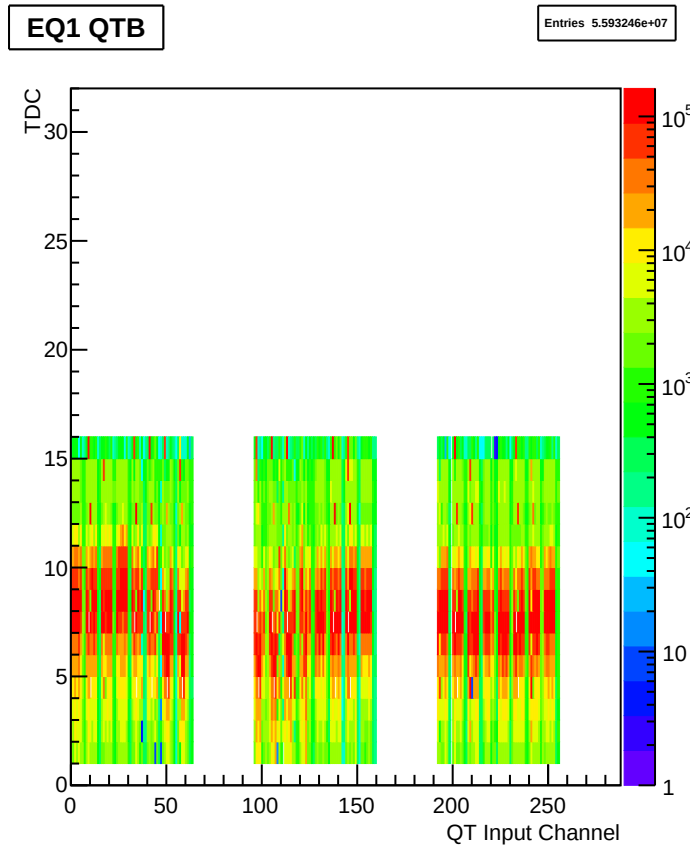

BBQ-VP001 East
Entries 8600080
ADC
QT Input Channel

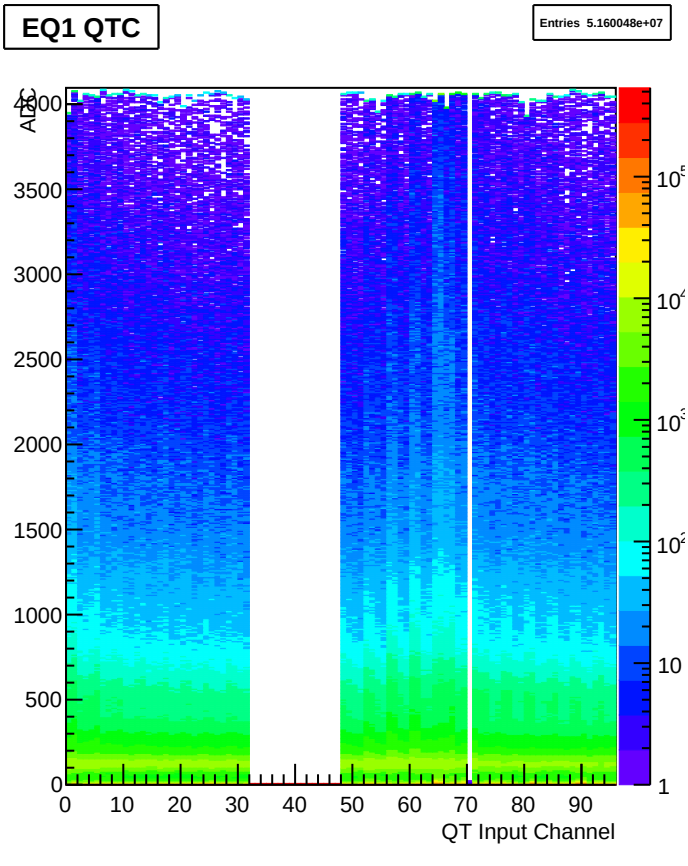

BBQ-VP001 East
Entries 8600080
ADC
QT Input Channel

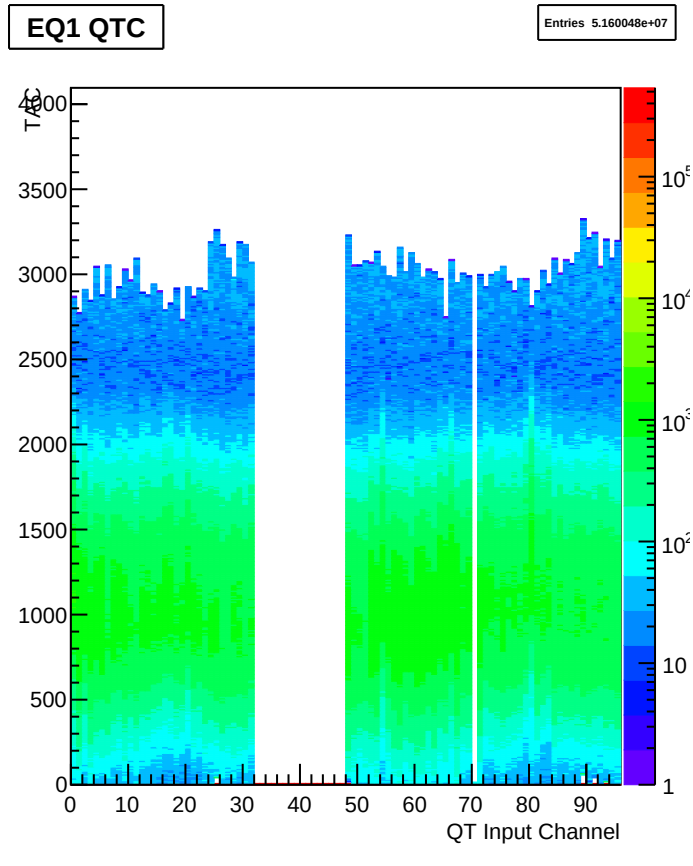

BBQ-VP002 West
Entries 8600080
ADC
QT Input Channel

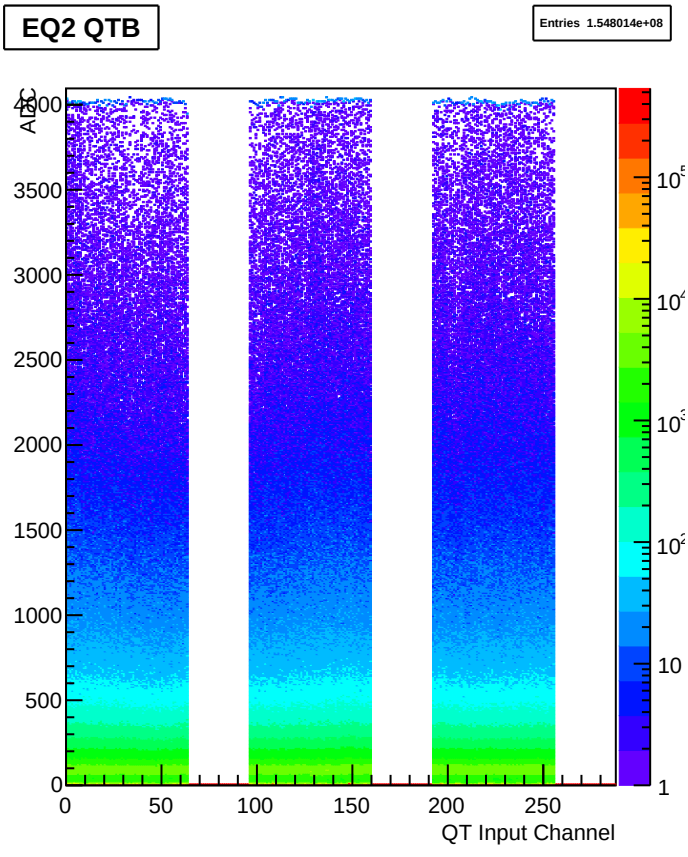

BBQ-VP002 West
Entries 8600080
ADC
QT Input Channel

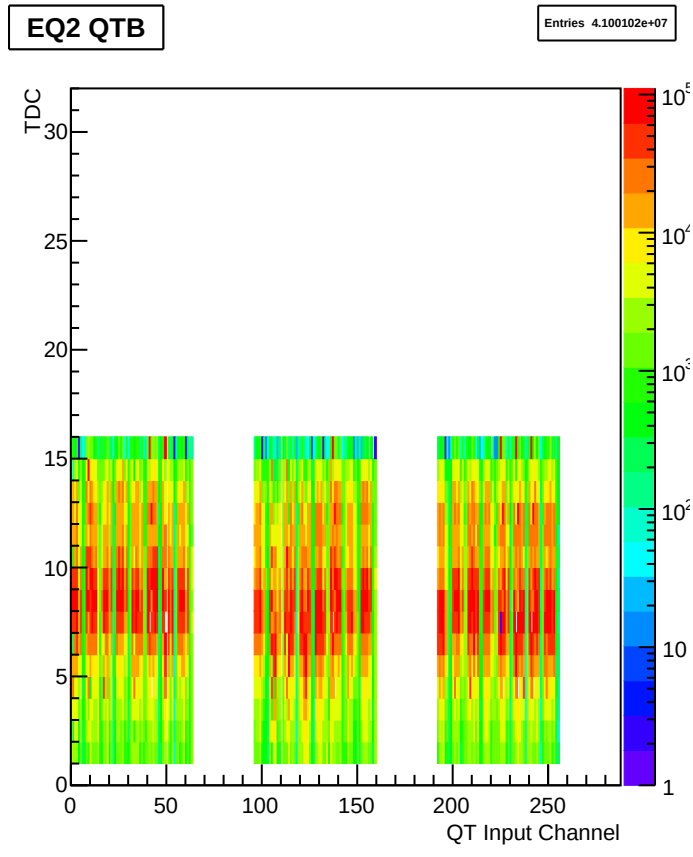

EQ1 QTB
Entries 1.548014e+08
ADC
QT Input Channel

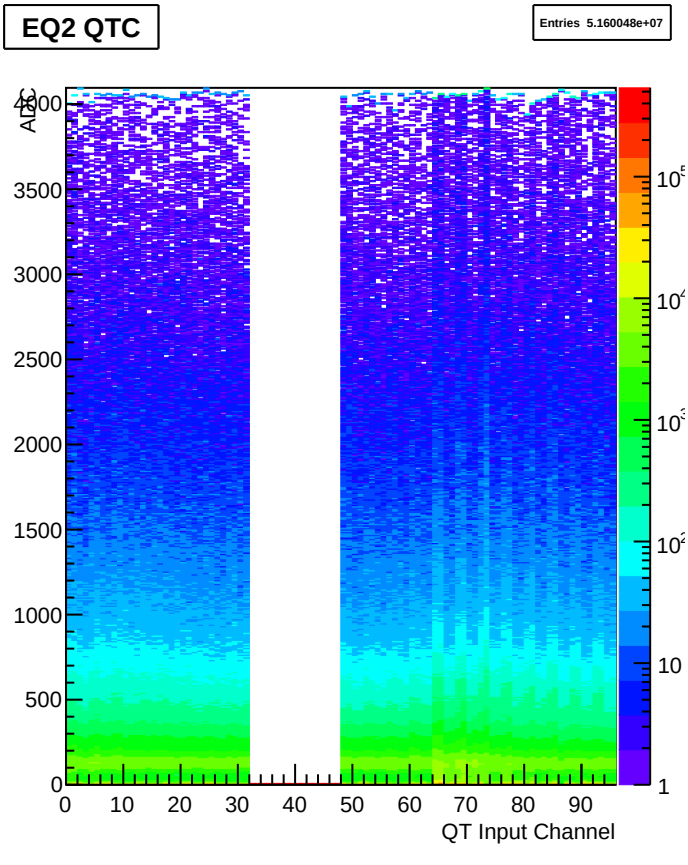

EQ1 QTB
Entries 5.593246e+07
TDC
QT Input Channel

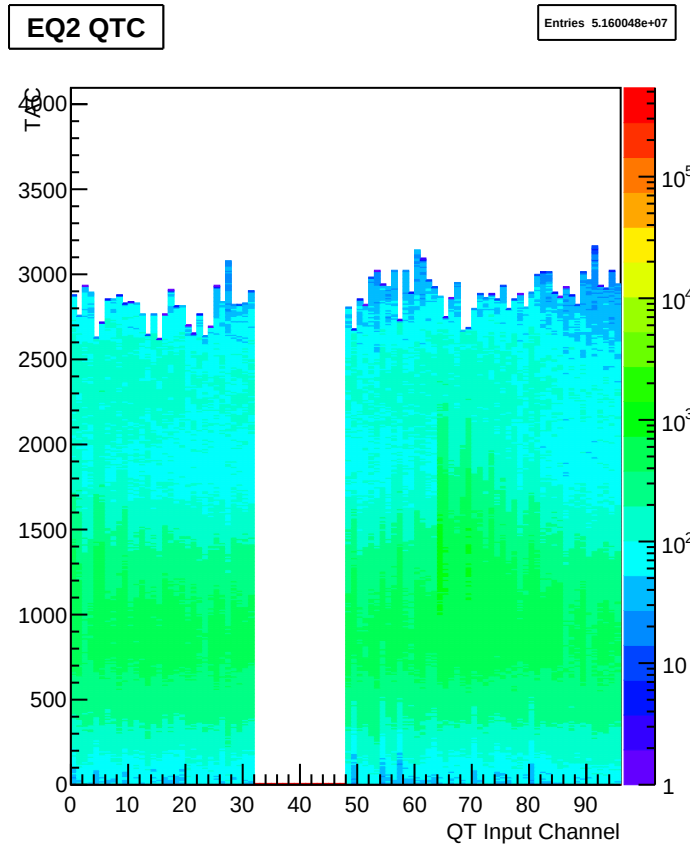

EQ1 QTC
Entries 5.160048e+07
ADC
QT Input Channel

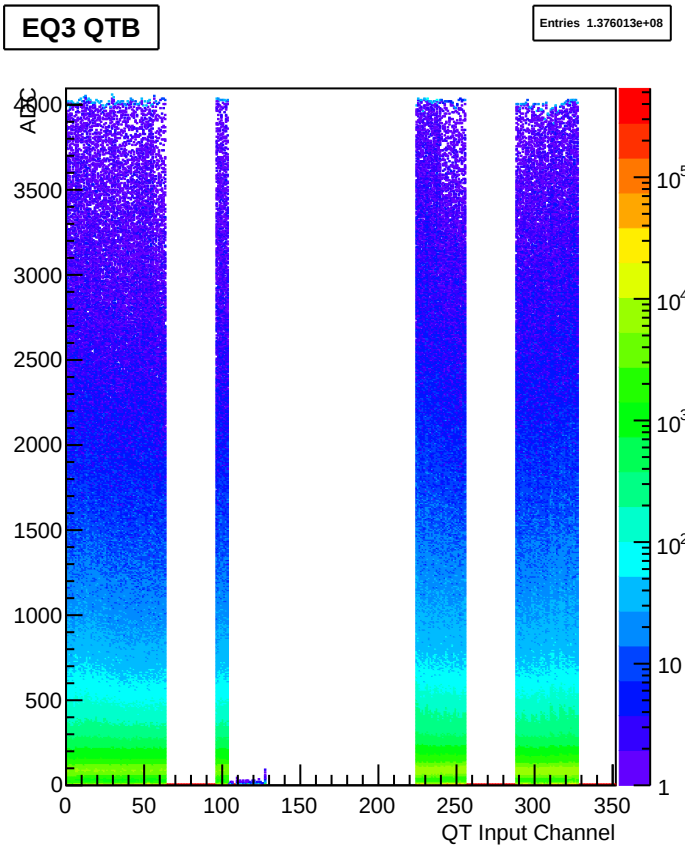

EQ1 QTC
Entries 5.160048e+07
TADC
QT Input Channel

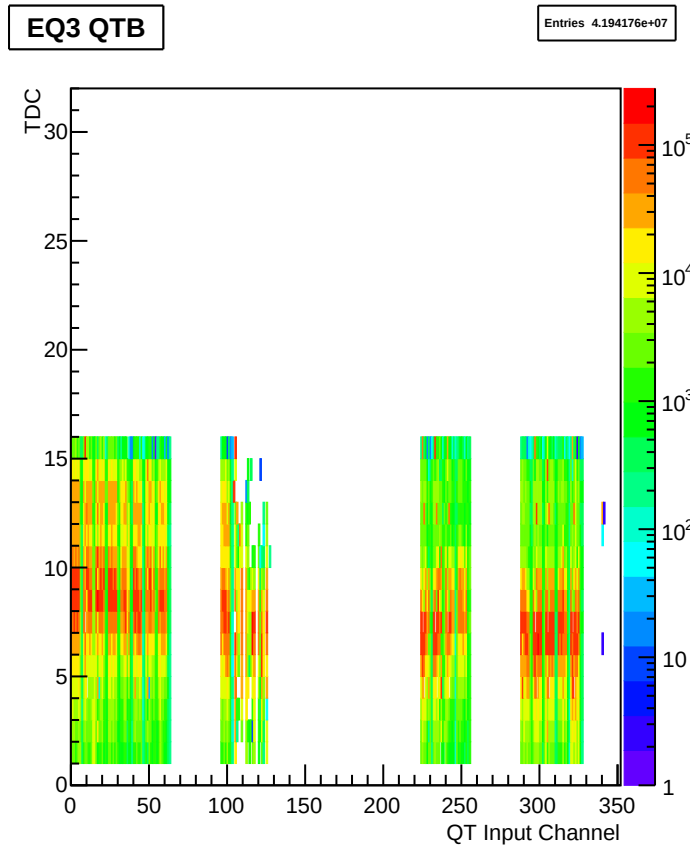

EQ2 QTB
Entries 1.548014e+08
ADC
QT Input Channel

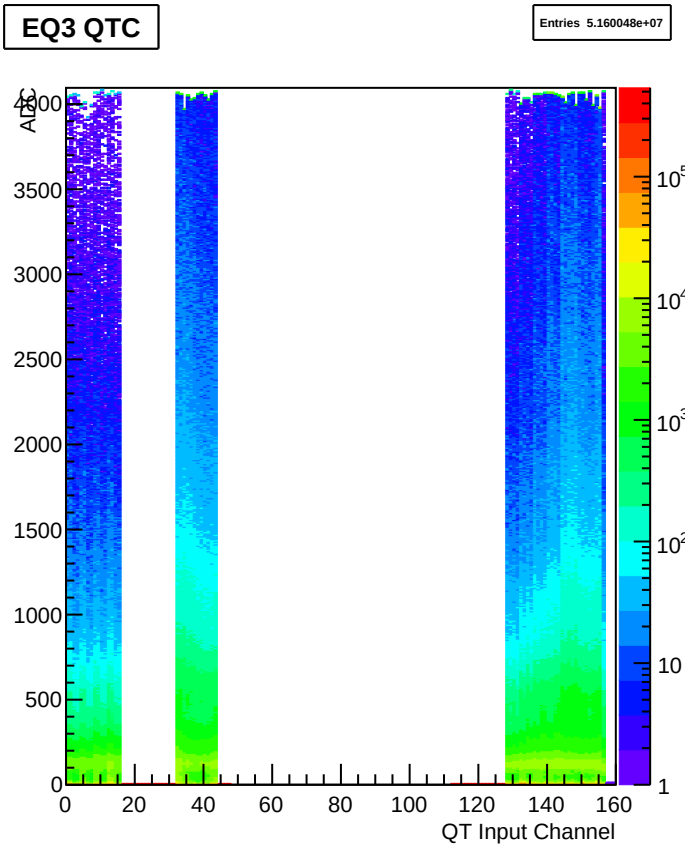

EQ2 QTB
Entries 4.100102e+07
TDC
QT Input Channel

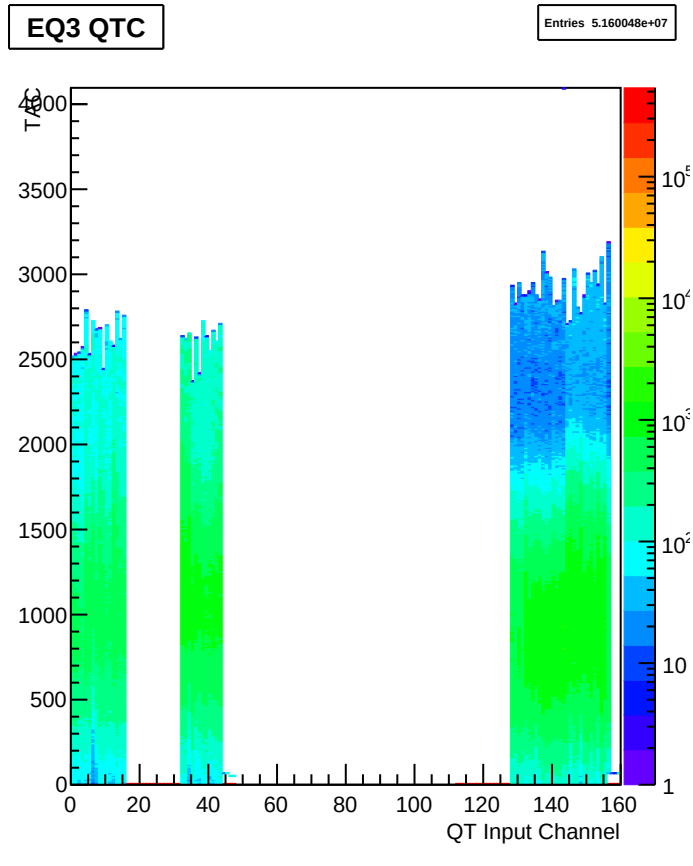

EQ2 QTC
Entries 5.160048e+07
ADC
QT Input Channel

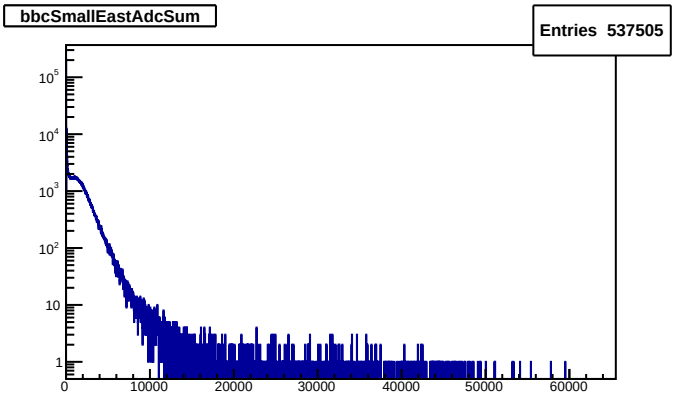

EQ2 QTC
Entries 5.160048e+07
TADC
QT Input Channel

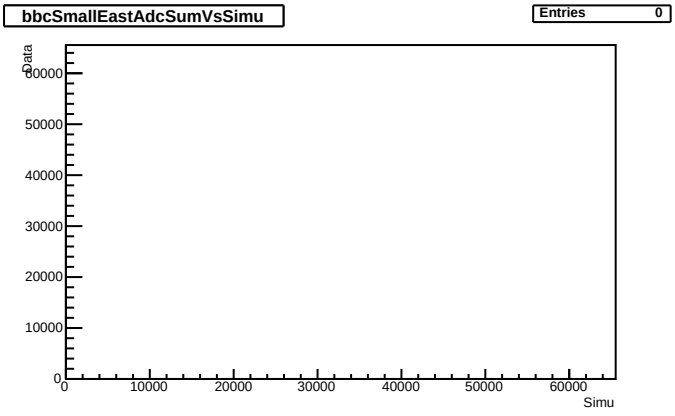

EQ3 QTB
Entries 1.376013e+08
ADC
QT Input Channel

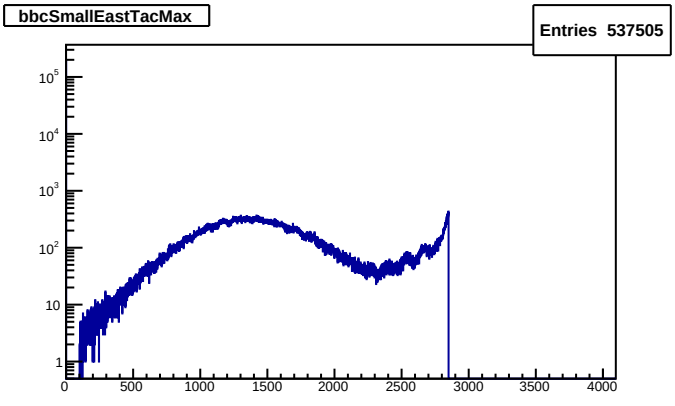

EQ3 QTB
Entries 4.194176e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.160048e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.160048e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 537505


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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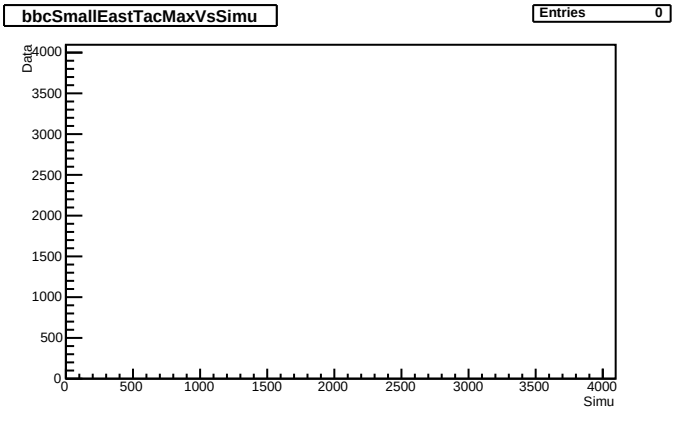
Entries 537505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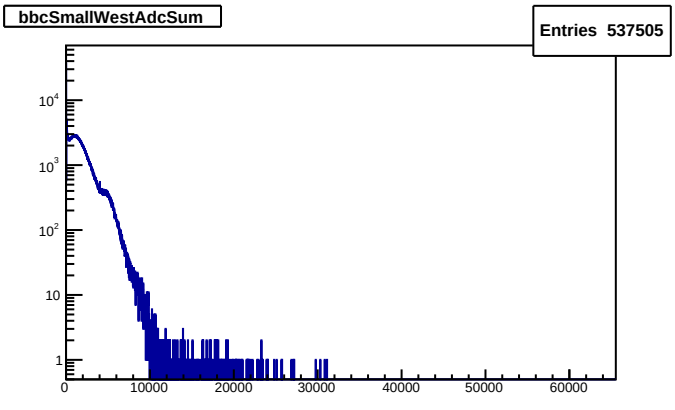
Simu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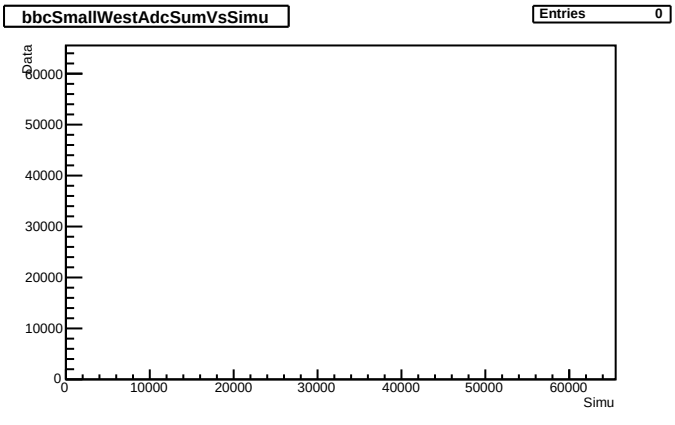
Entries 537505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Entries 0
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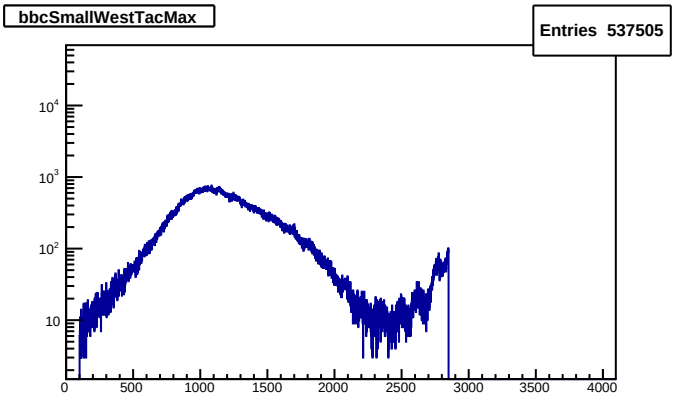
Simu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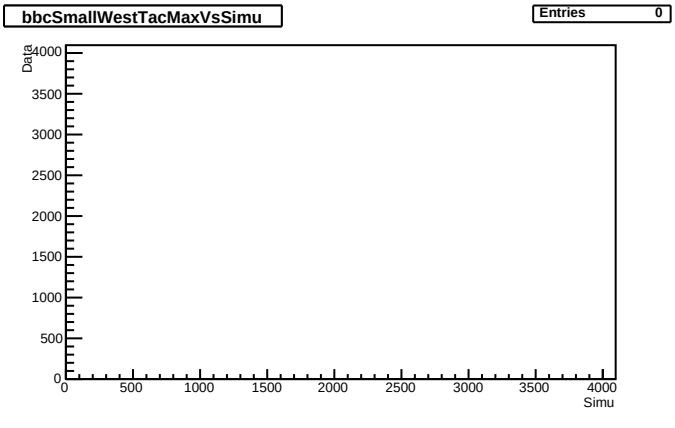
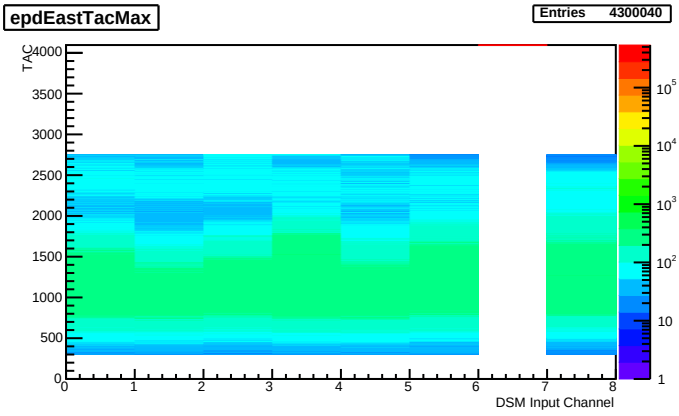
Entries 537505


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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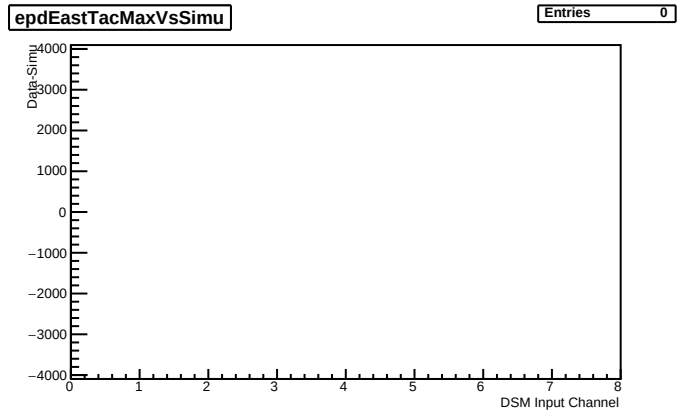
Entries 4300040
TAC
DSM Input Channel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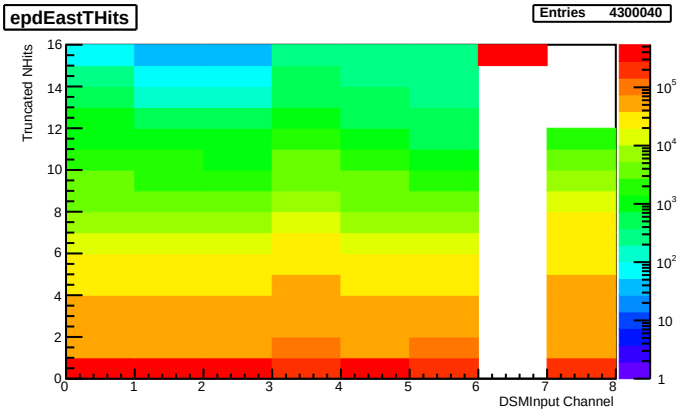
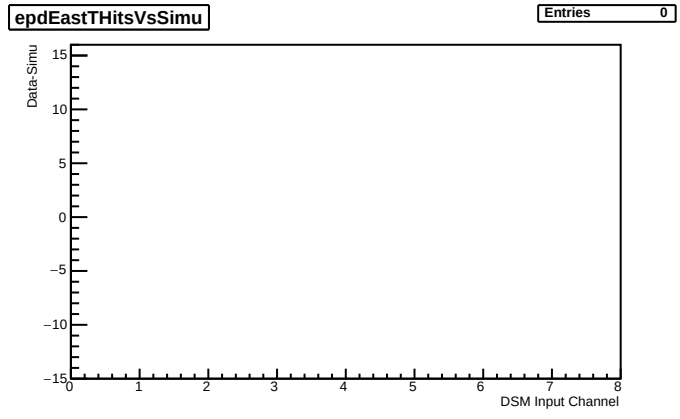
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4300040
Truncated NHits
DSMInput Channel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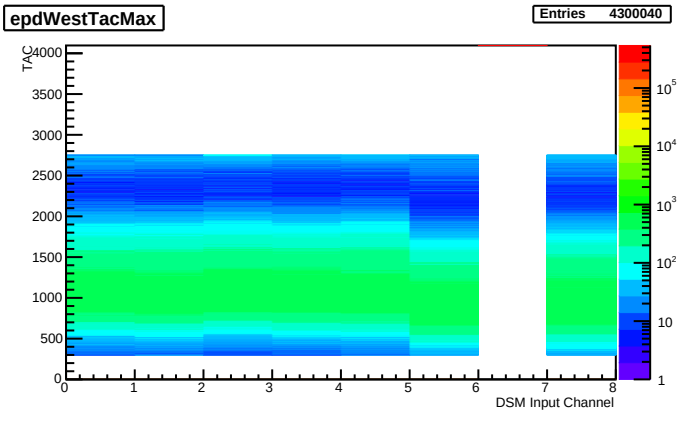
DSM Input Channel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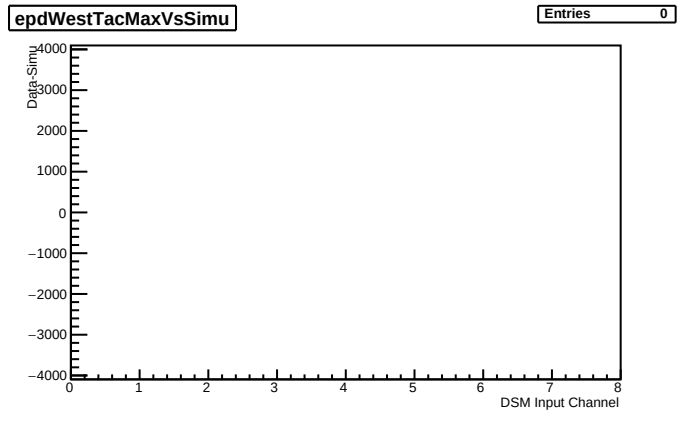
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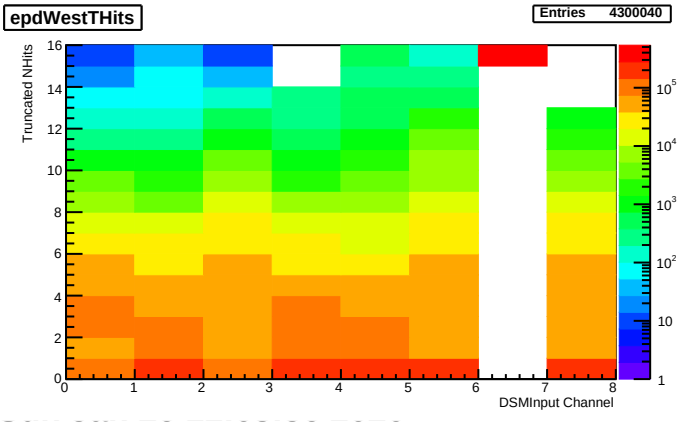
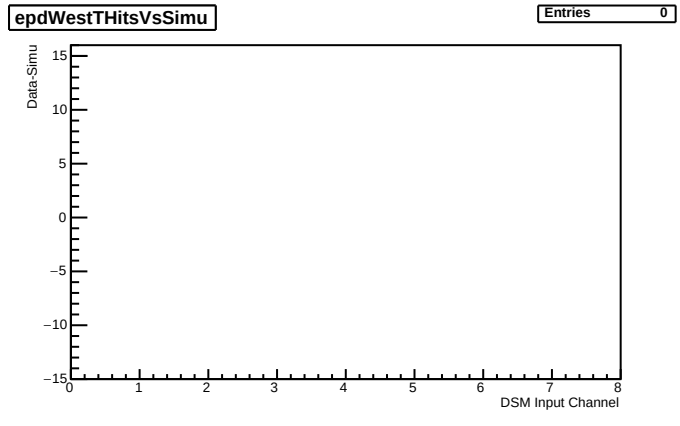
DSM Input Channel


epdWestTHits
Entries 4300040
Truncated NHits
DSMInput Channel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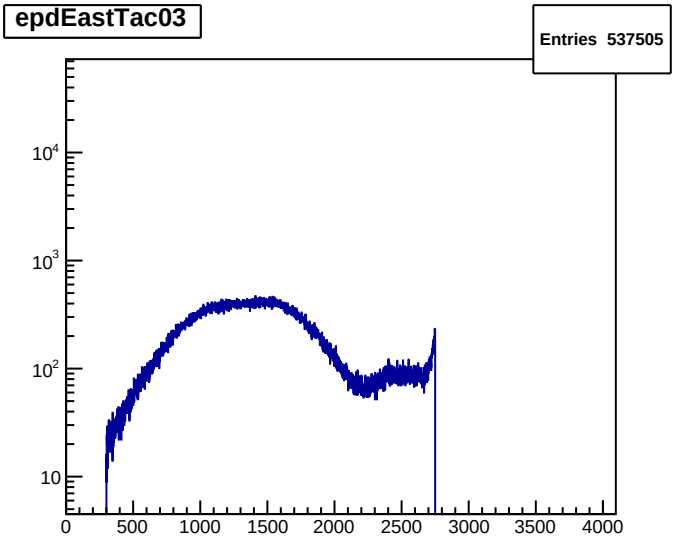
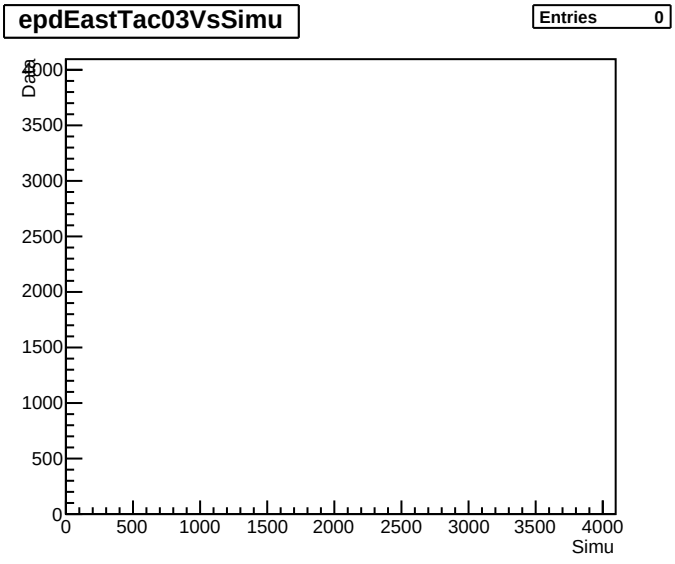
Data-Simu
DSM Input Channel


epdEastTac03
Entries 537505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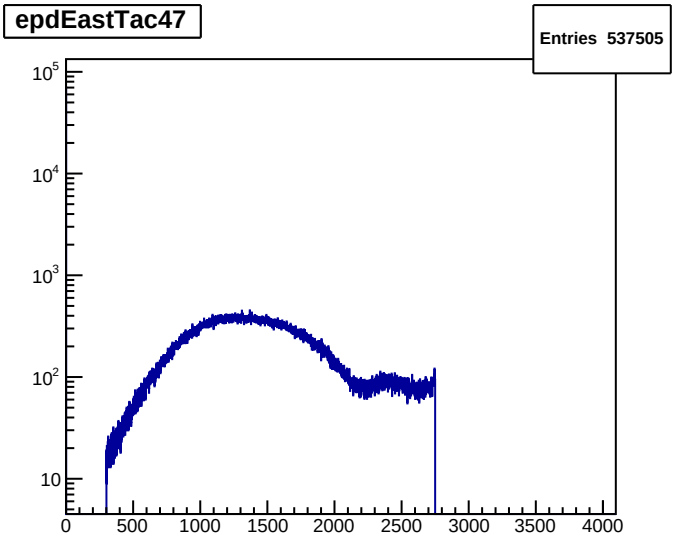
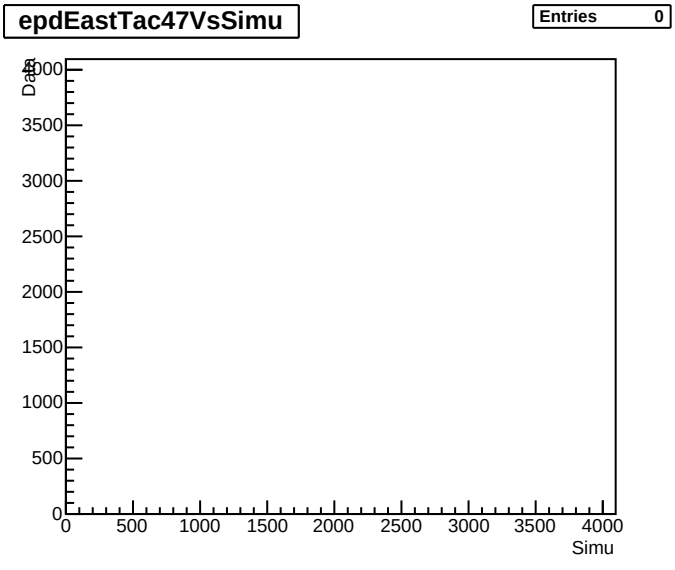
Entries 0
Data
Simu


epdEastTac47
Entries 537505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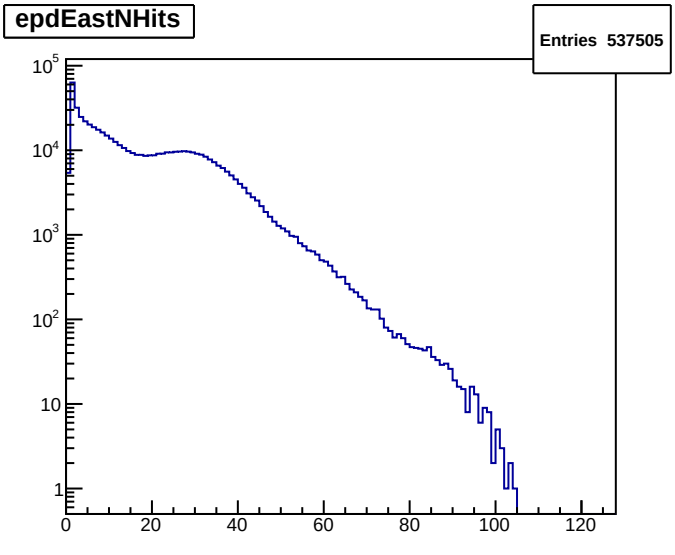
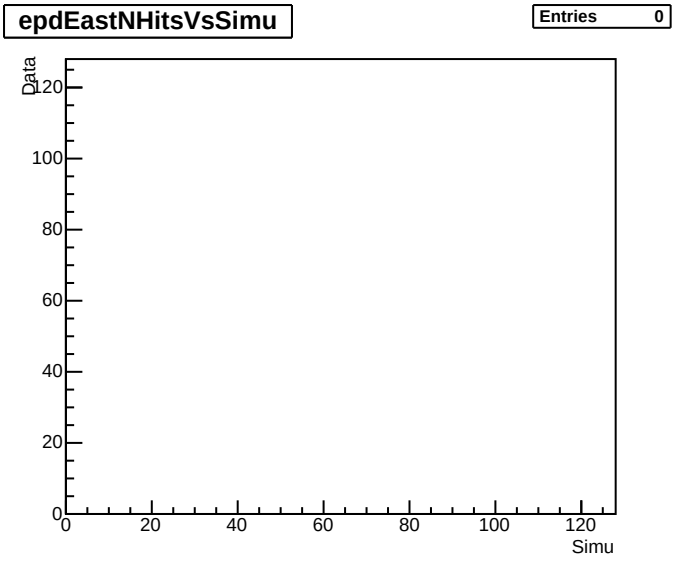
Entries 0
Data
Simu


epdEastNHits
Entries 537505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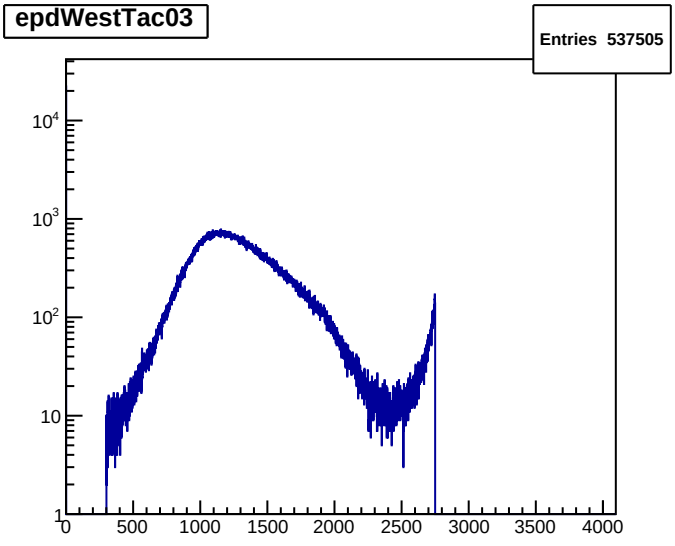
Data
Simu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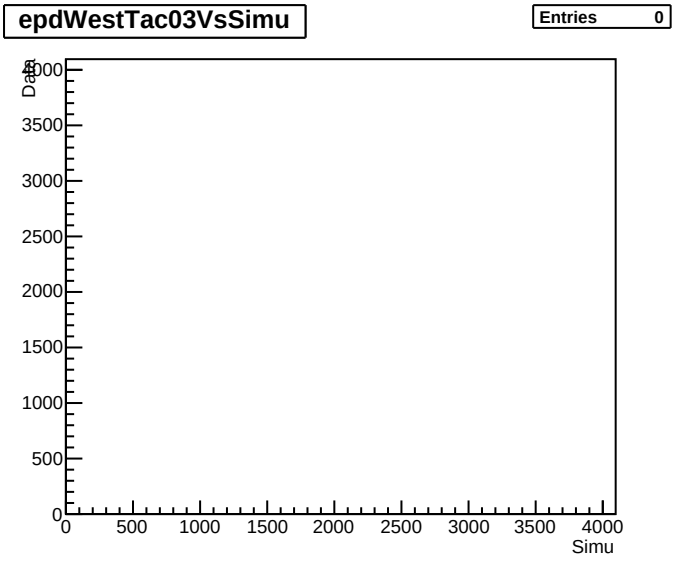
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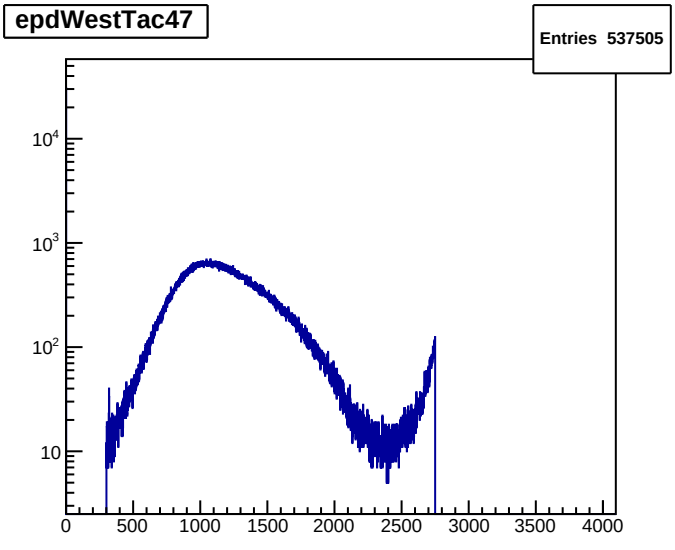
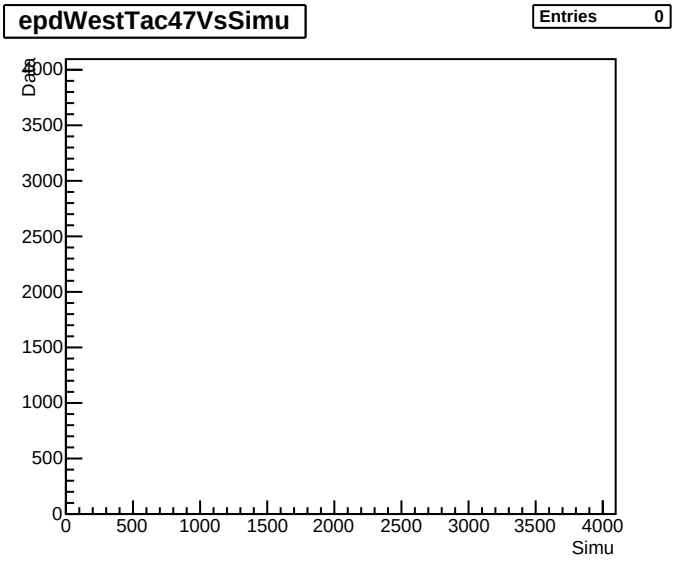
Data
Simu


epdWestTac47
Entries 537505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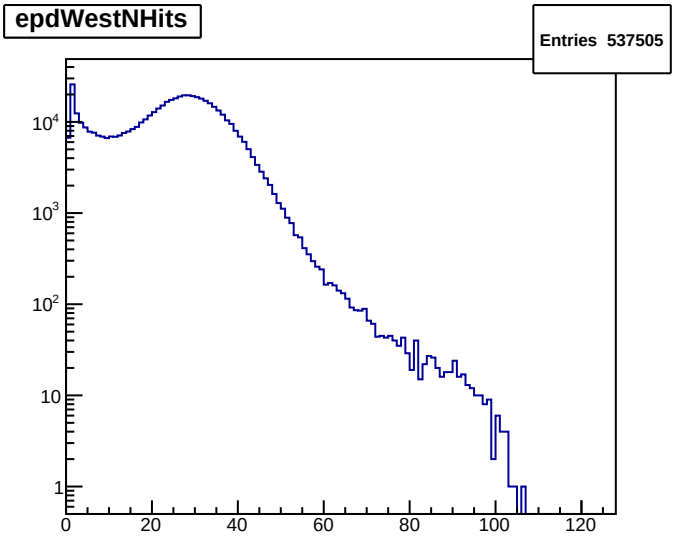
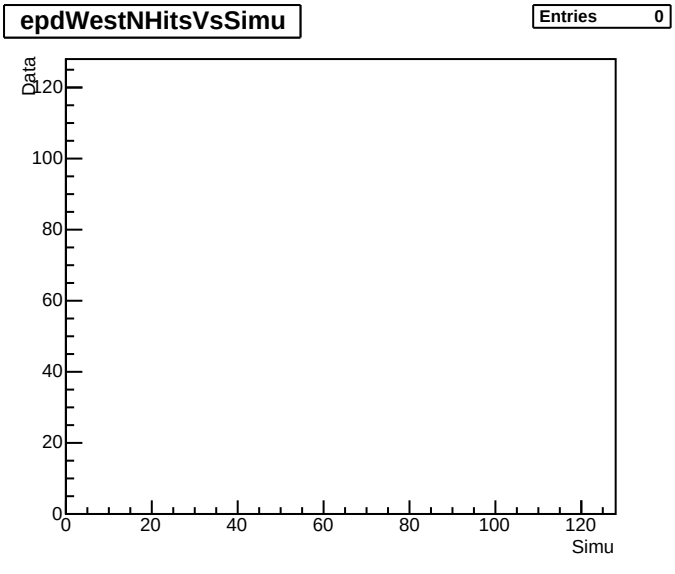
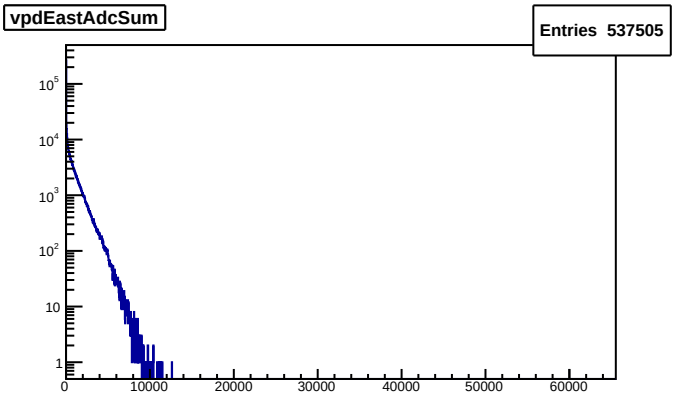
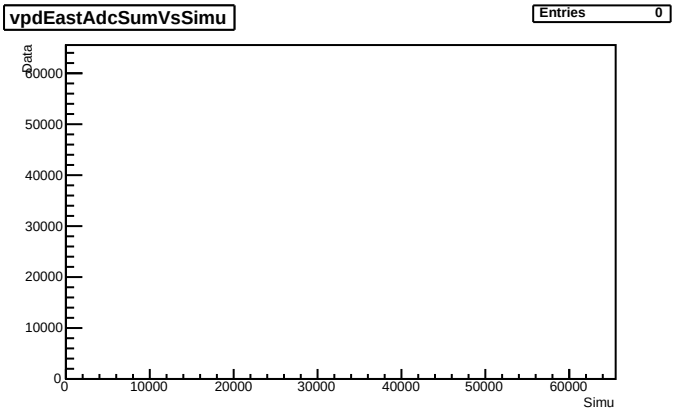
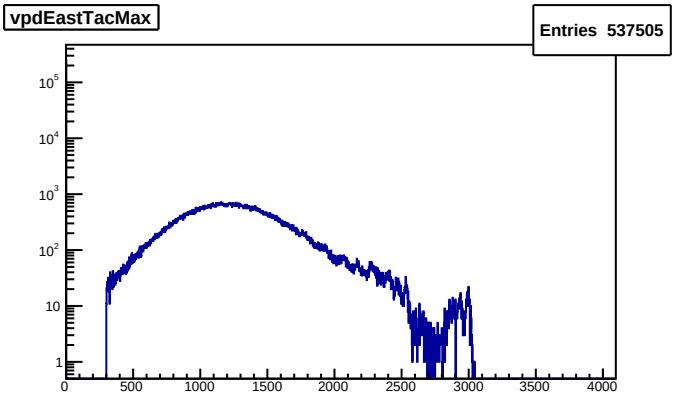
Data
Simu

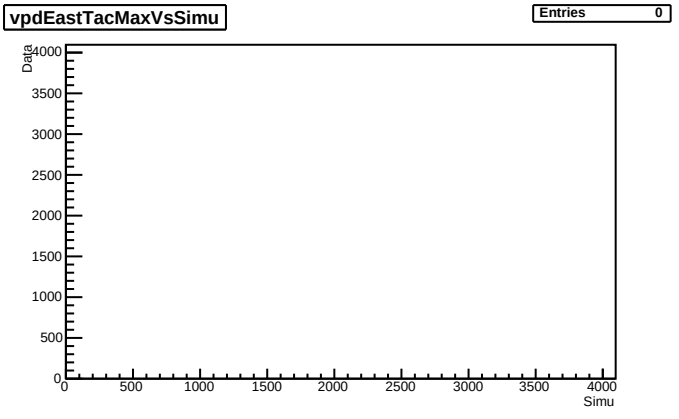

epdWestNHits
Entries 537505


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 537505


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 537505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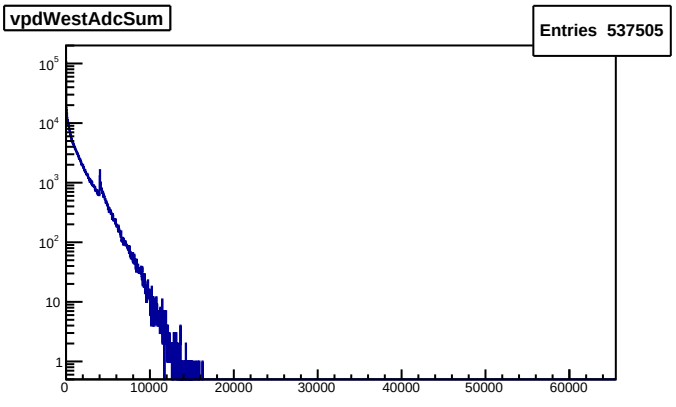
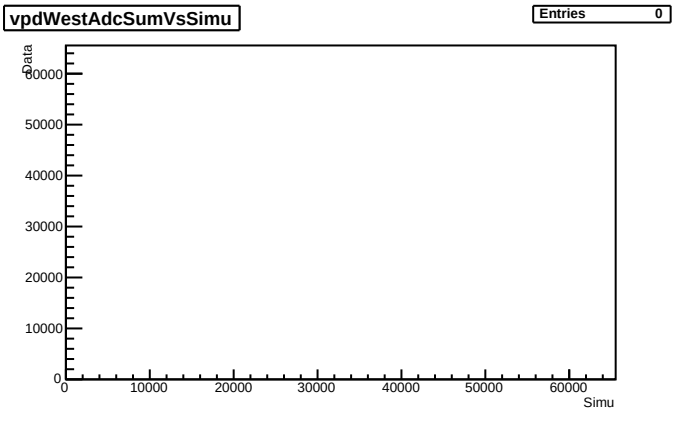
Entries 0
Data
Simu


vpdWestAdcSum
Entries 537505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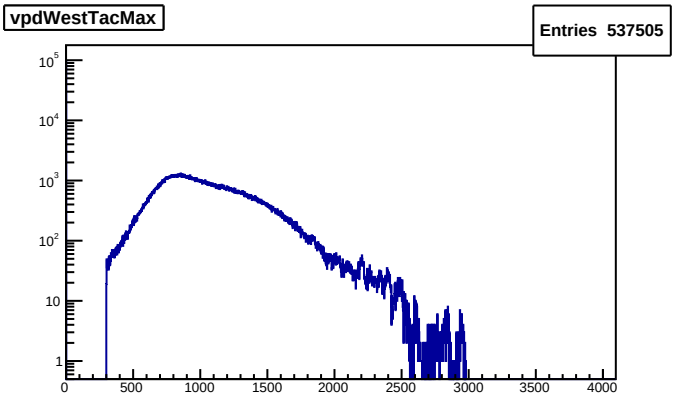
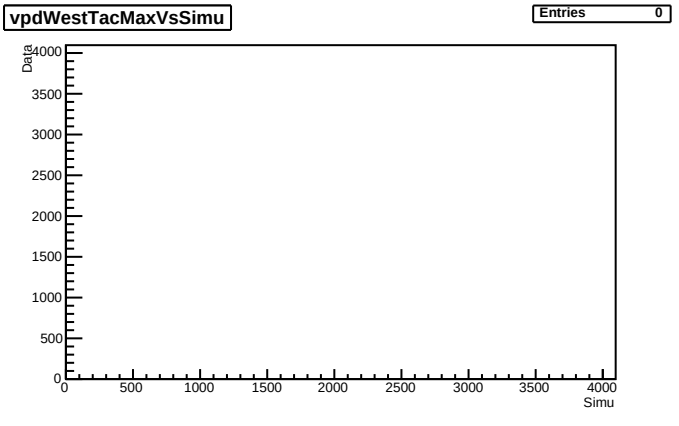
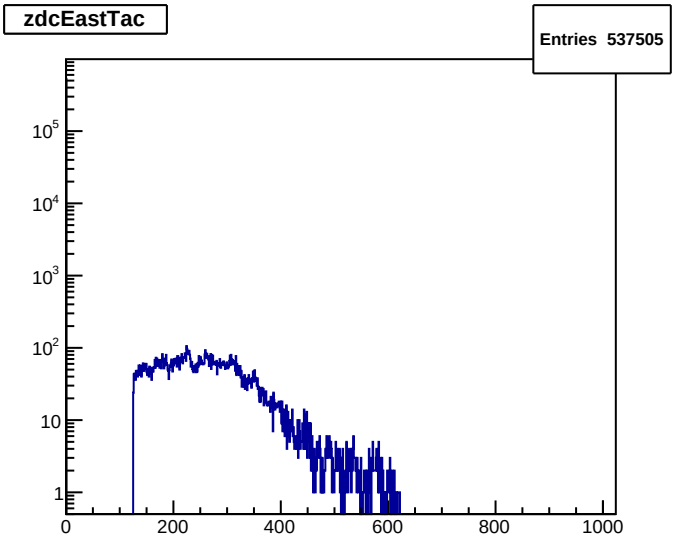
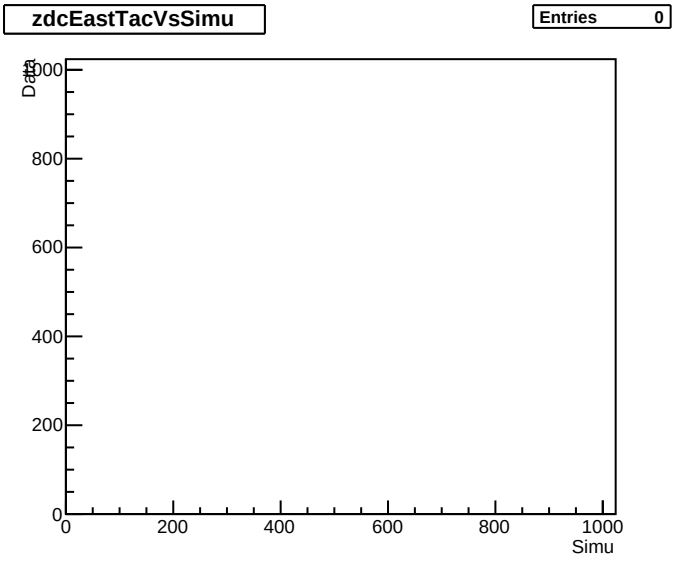
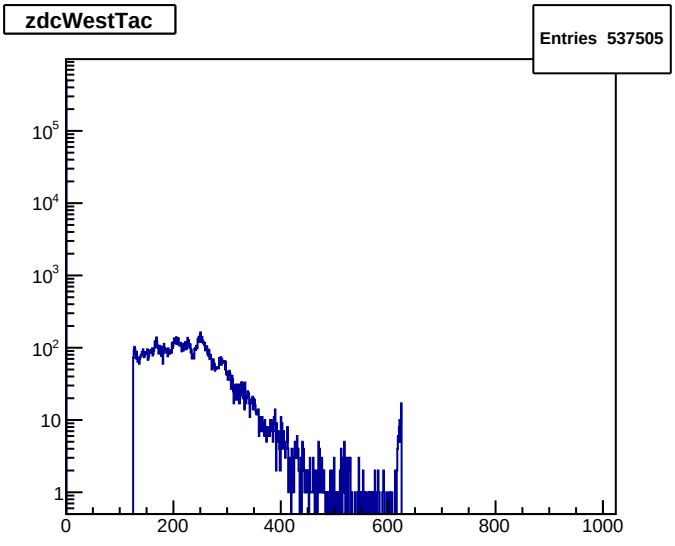
Entries 0
Data
Simu

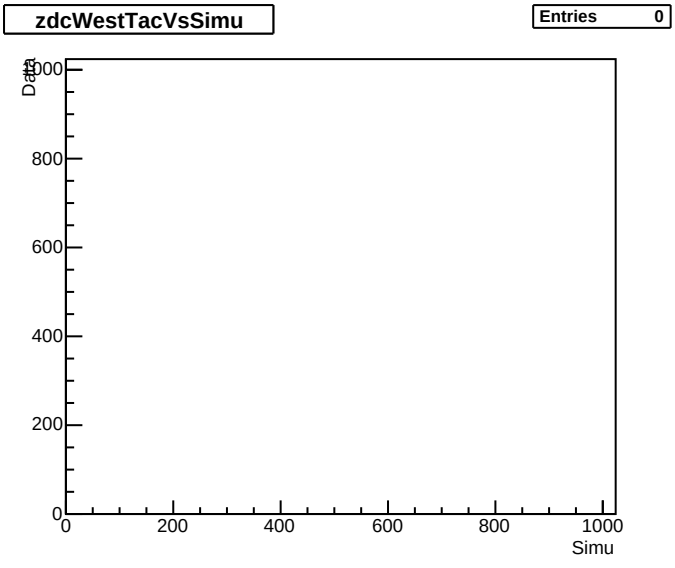

vpdWestTacMax
Entries 537505

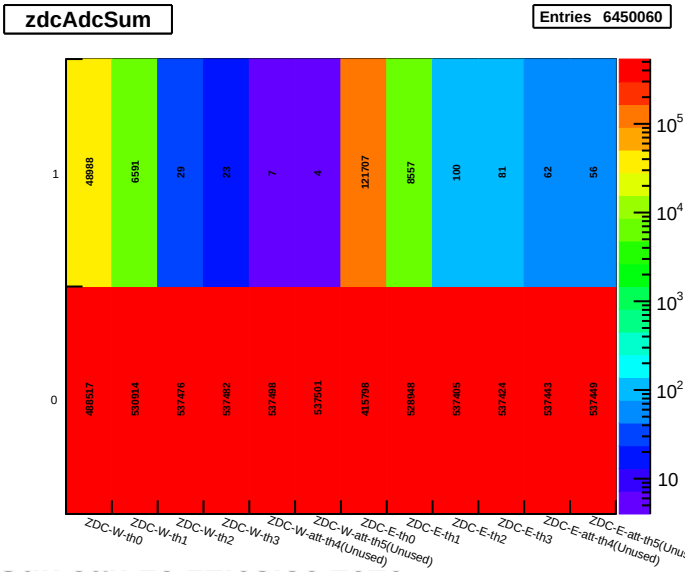

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

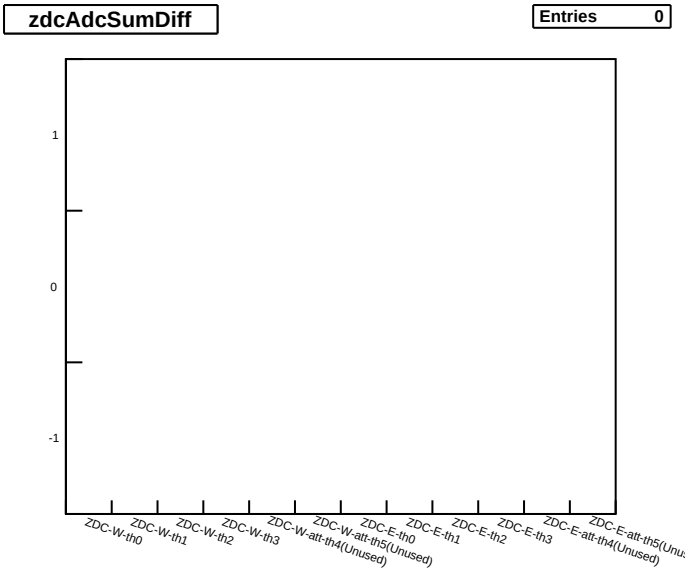

zdcEastTac
Entries 537505
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

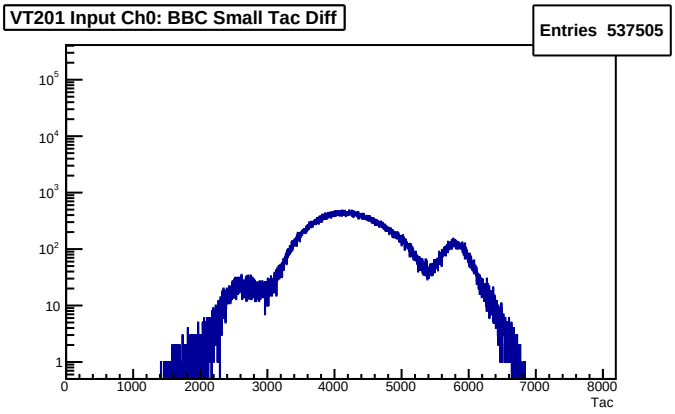

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

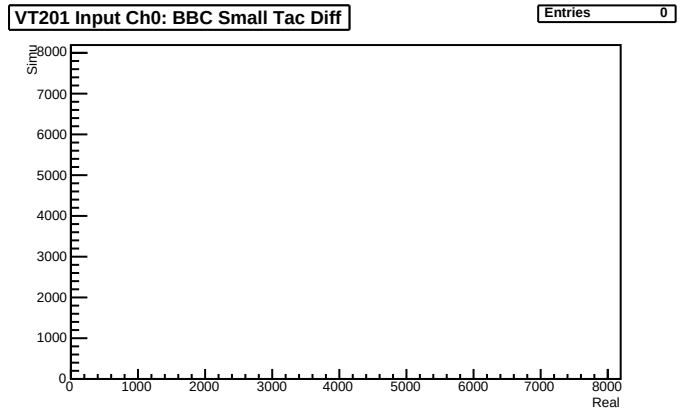

zdcWestTac
Entries 537505
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

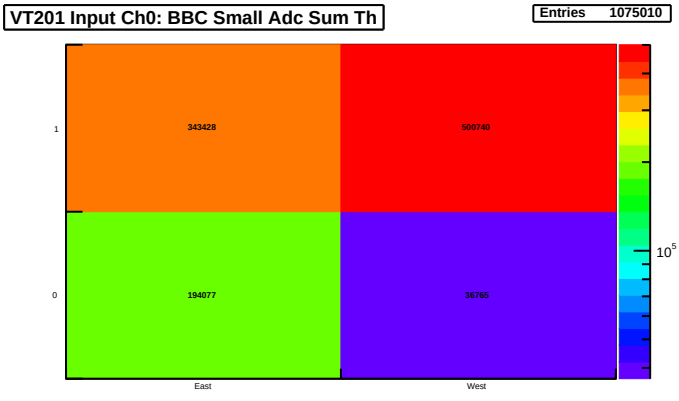

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

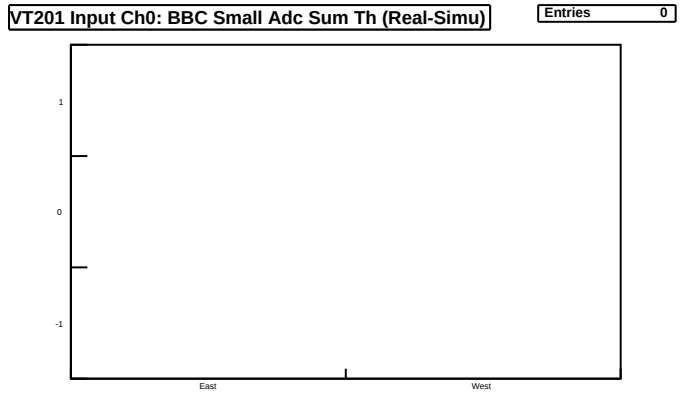

zdcAdcSum
Entries 6450060
1
0
48988
6591
29
23
7
4
121707
8557
100
81
62
56
488517
530914
537476
537482
537498
537501
415798
528946
537405
537424
537443
537449
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

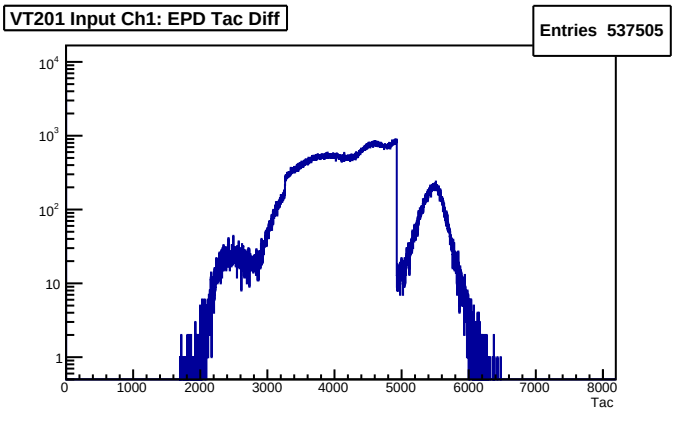

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

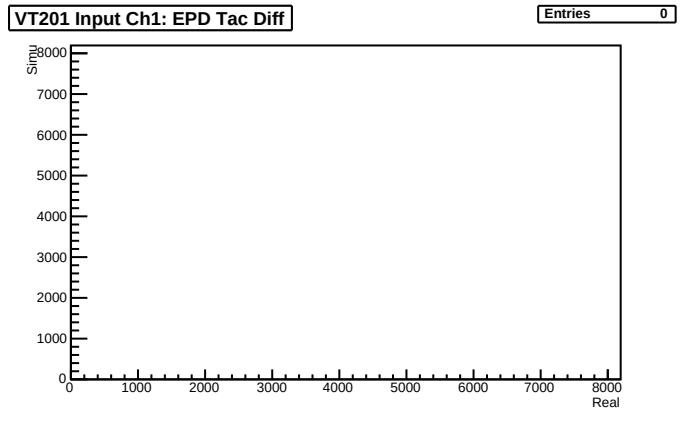

VT201 Input Ch0: BBC Small Tac Diff
Entries 537505
Tac

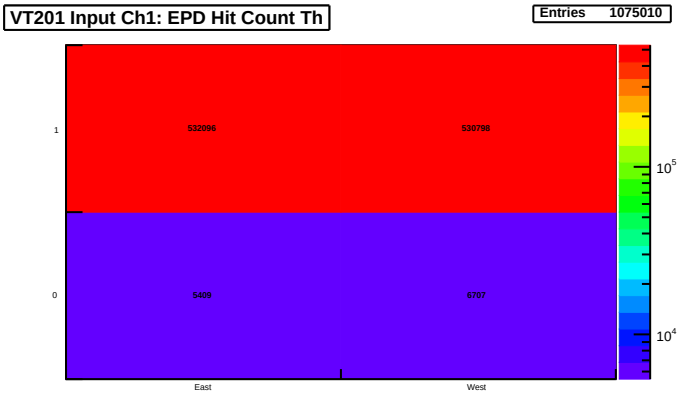

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

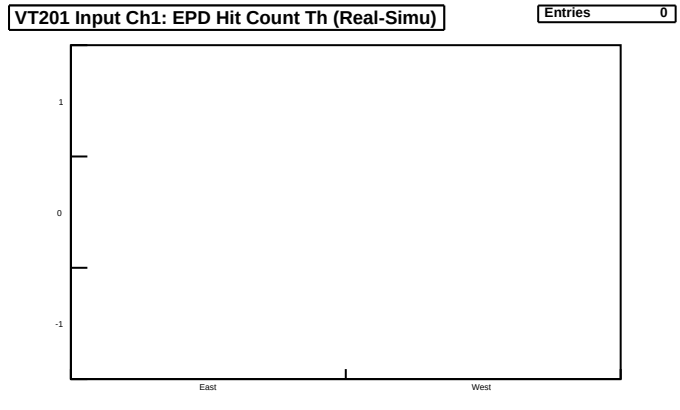

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1075010
343428
500740
194077
36765
East
West

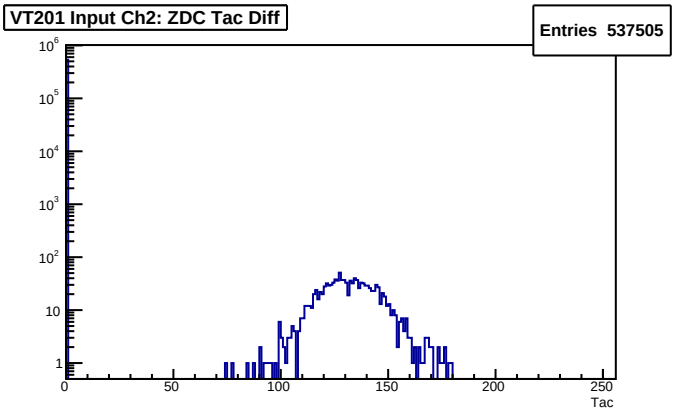

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

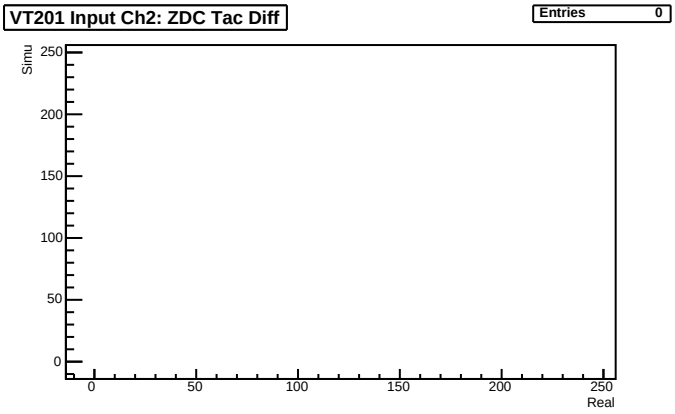

VT201 Input Ch1: EPD Tac Diff
Entries 537505
Tac

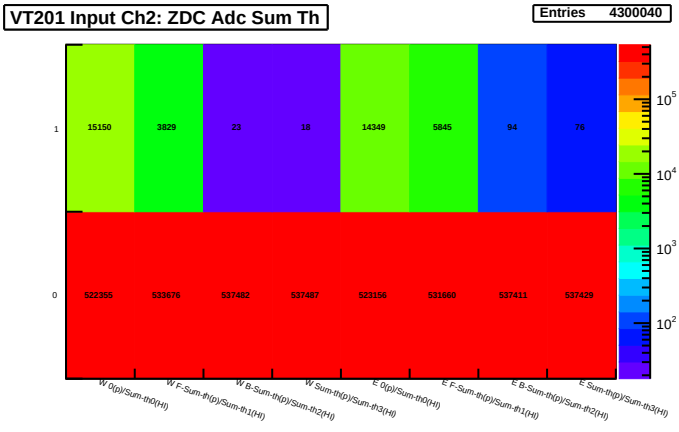

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

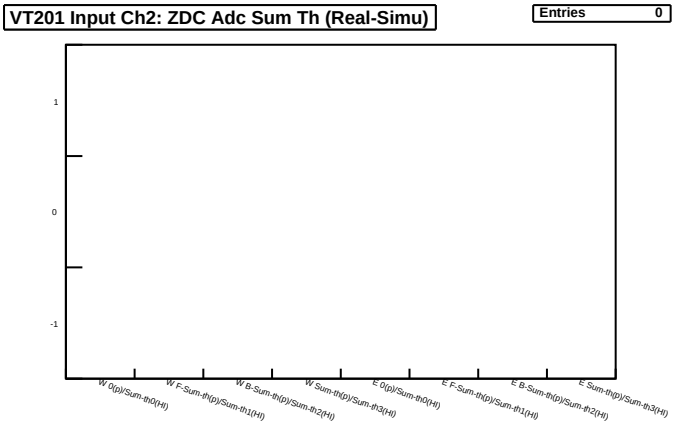

VT201 Input Ch1: EPD Hit Count Th
Entries 1075010
532096
530798
5409
6707
East
West

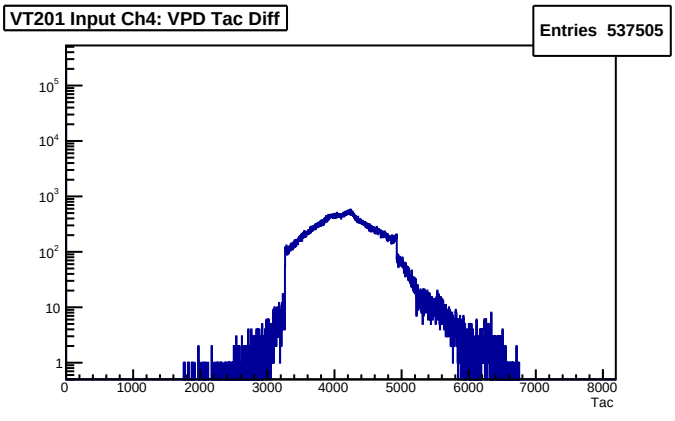

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

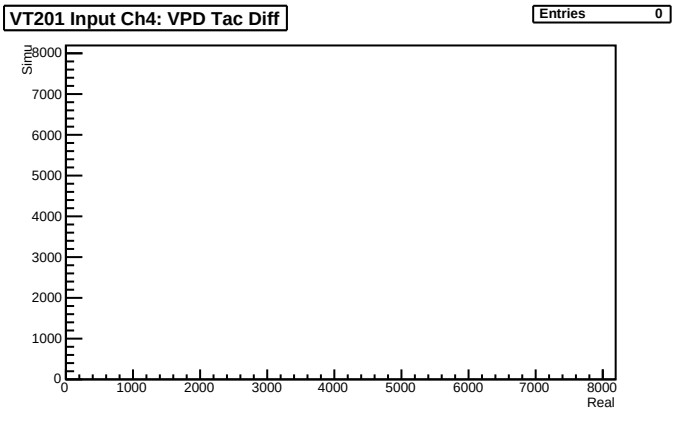

VT201 Input Ch2: ZDC Tac Diff
Entries 537505
Tac

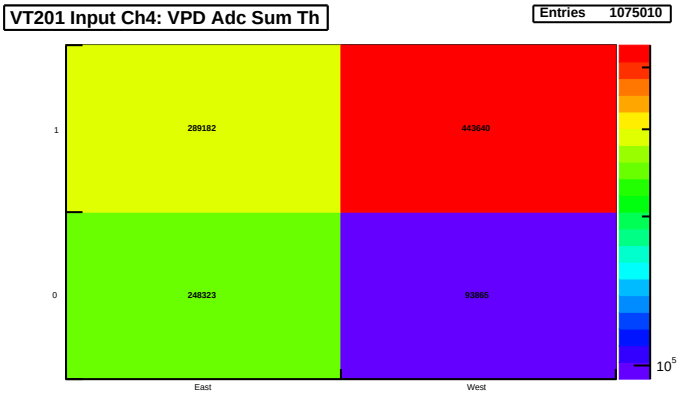

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

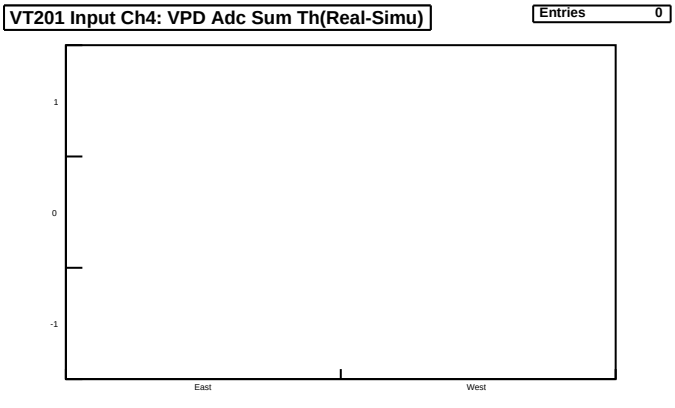

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4300040
15150
3829
23
18
14349
5845
94
76
522355
533676
537482
537487
523156
531660
537411
537429
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

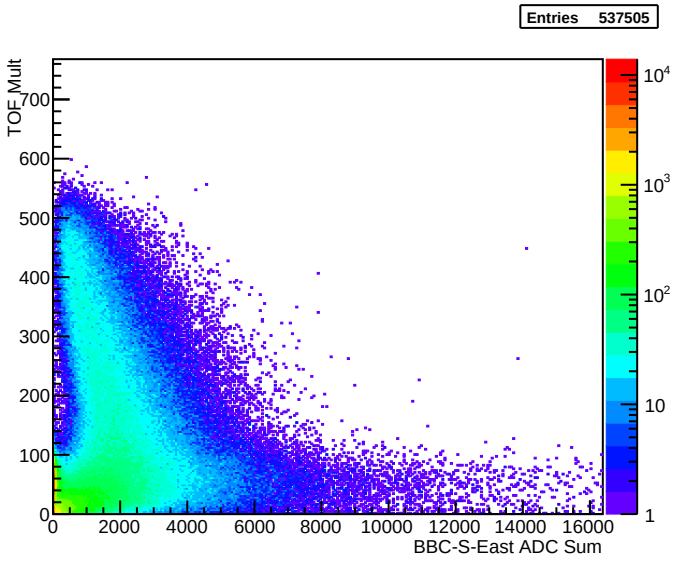

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

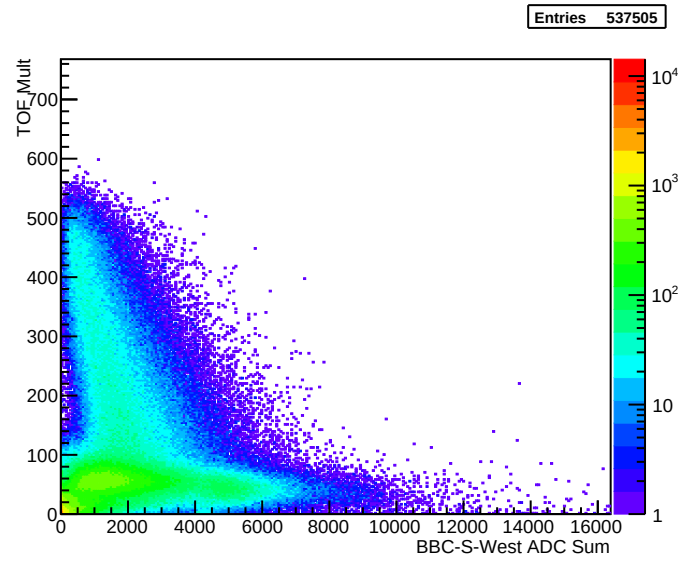

VT201 Input Ch4: VPD Tac Diff
Entries 537505
Tac

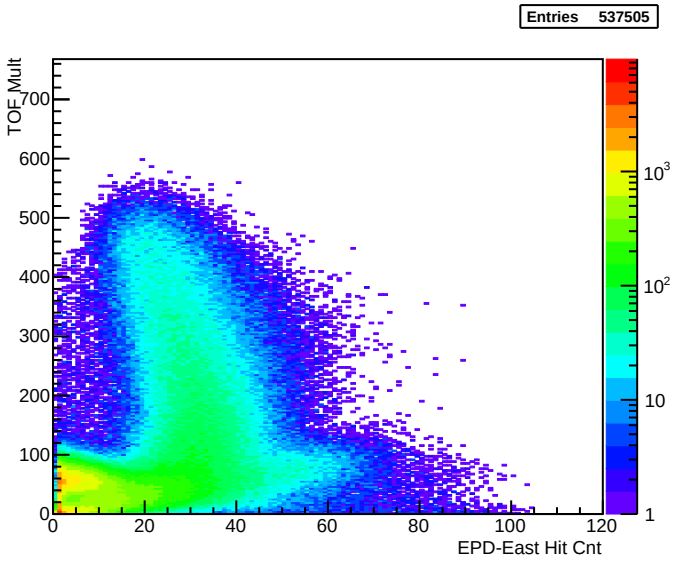

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

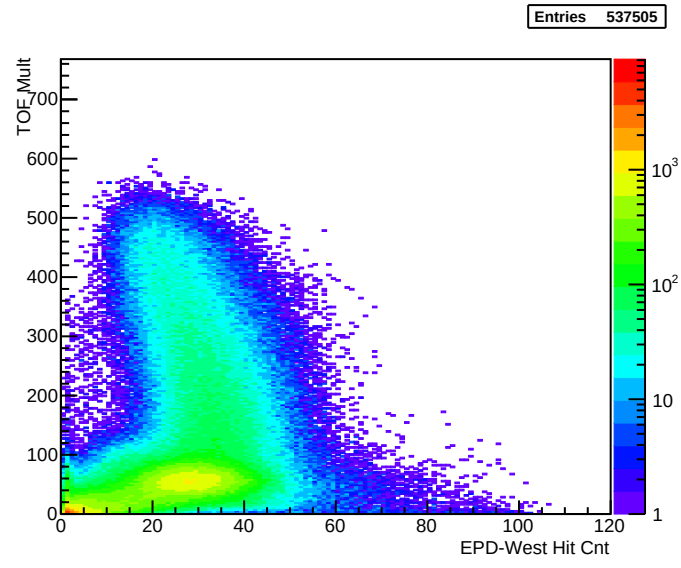

VT201 Input Ch4: VPD Adc Sum Th
Entries 1075010
289182
443640
248323
93865
East
West

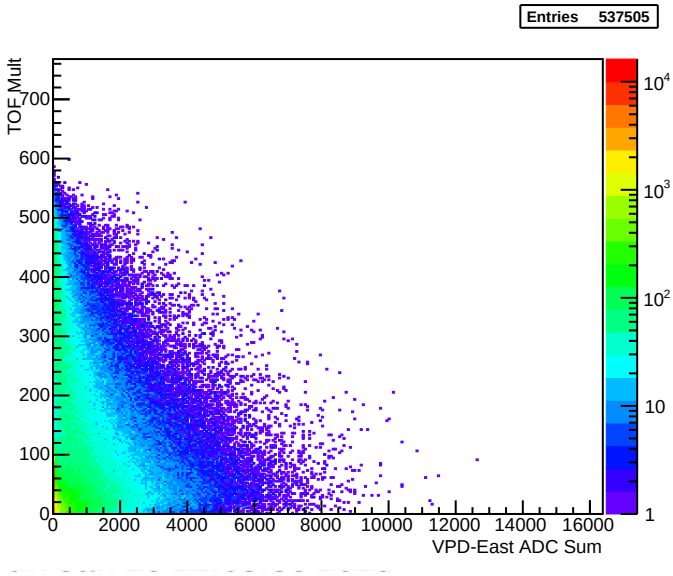

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

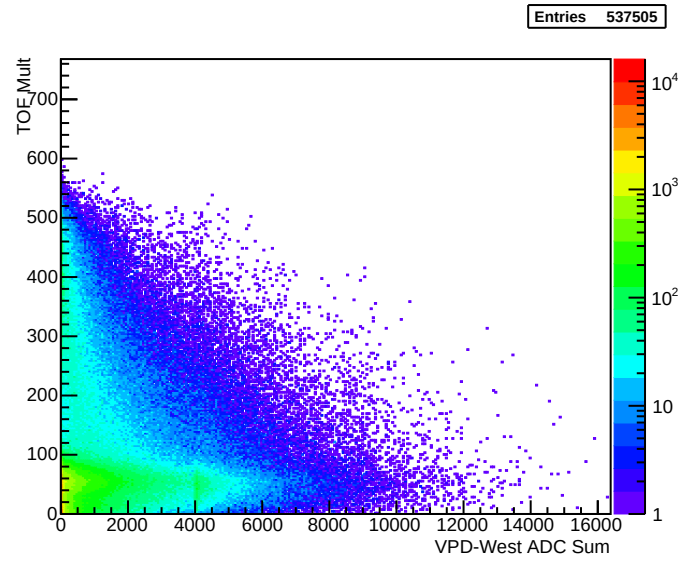

Entries 537505
TOF_Mult
BBC-S-East ADC Sum

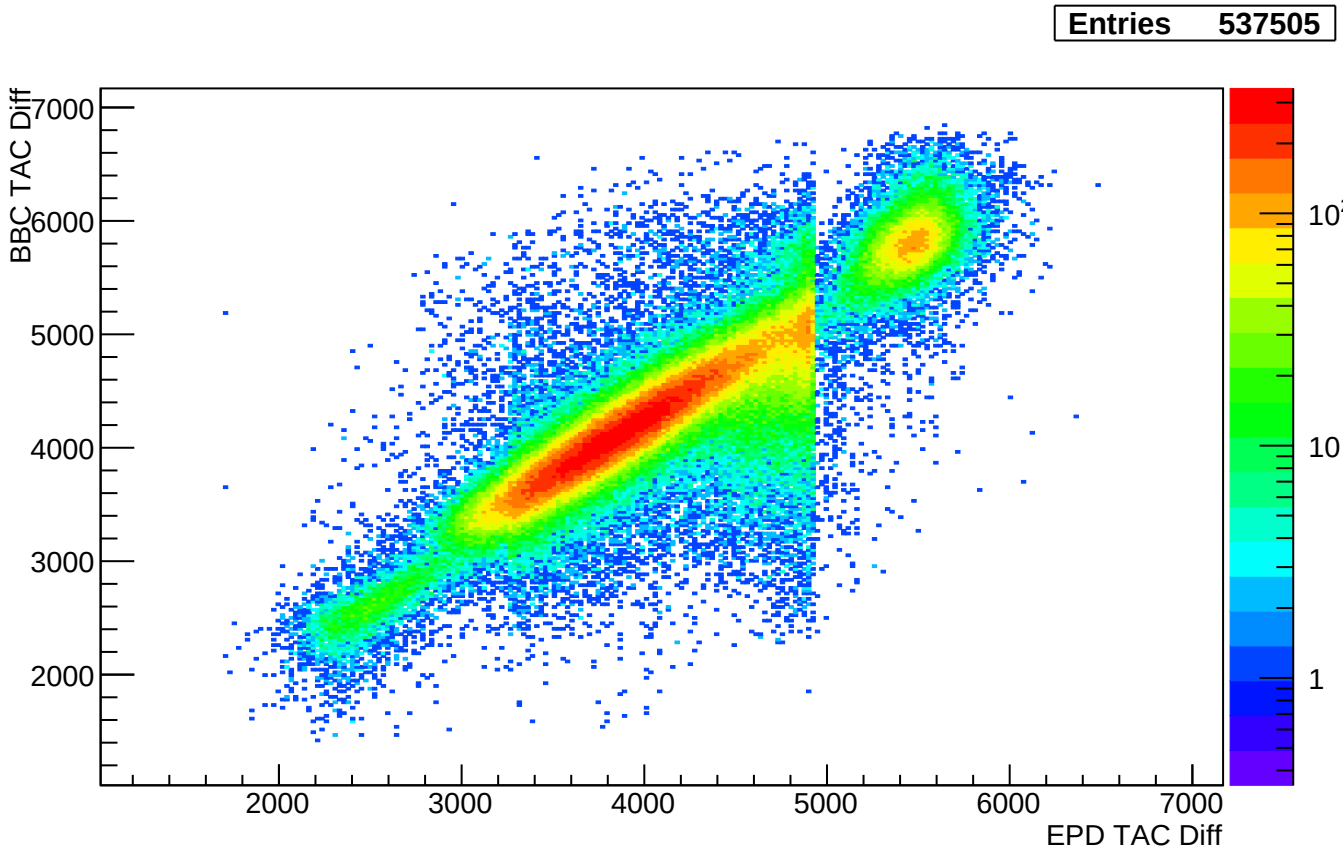

Entries 537505
TOF_Mult
BBC-S-West ADC Sum

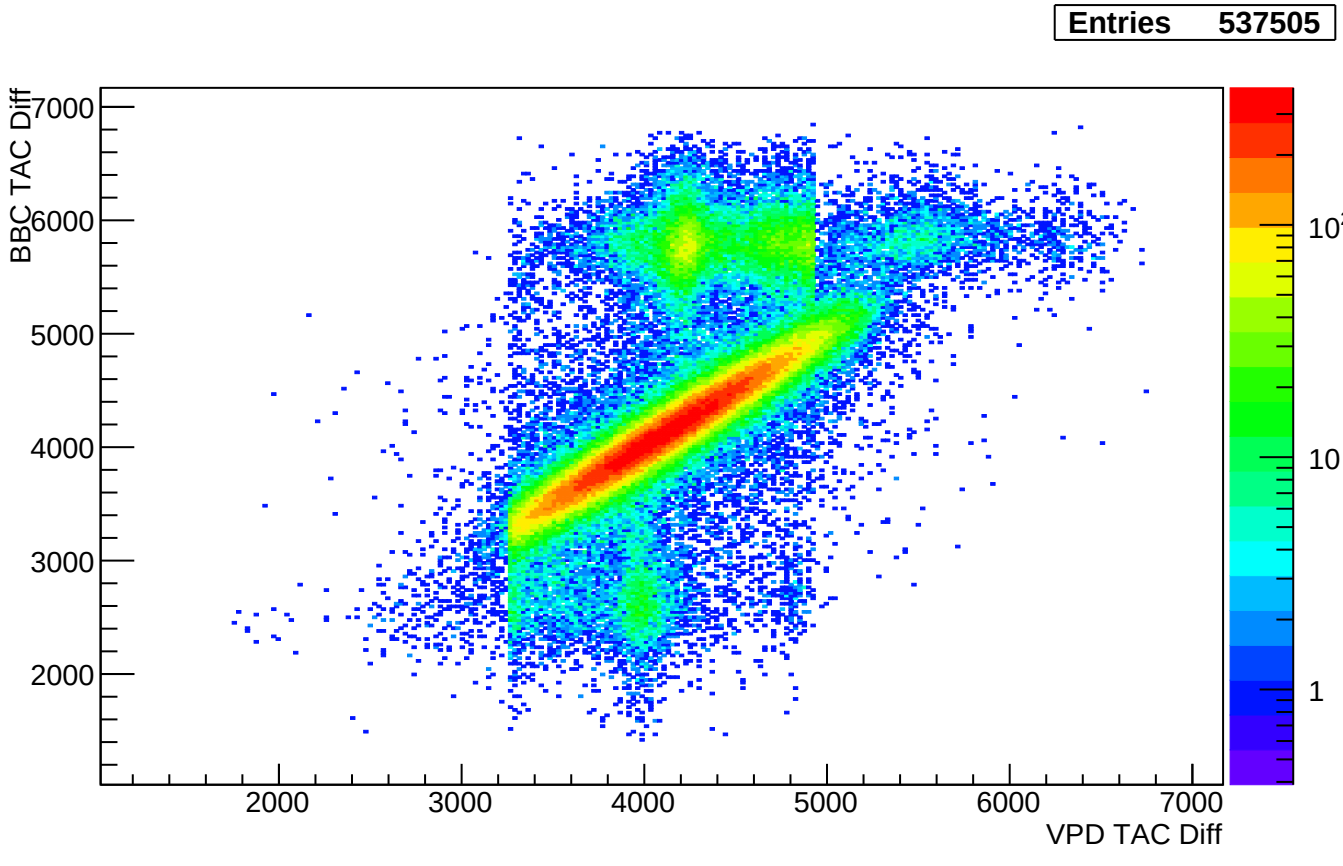

Entries 537505
TOF_Mult
EPD-East Hit Cnt

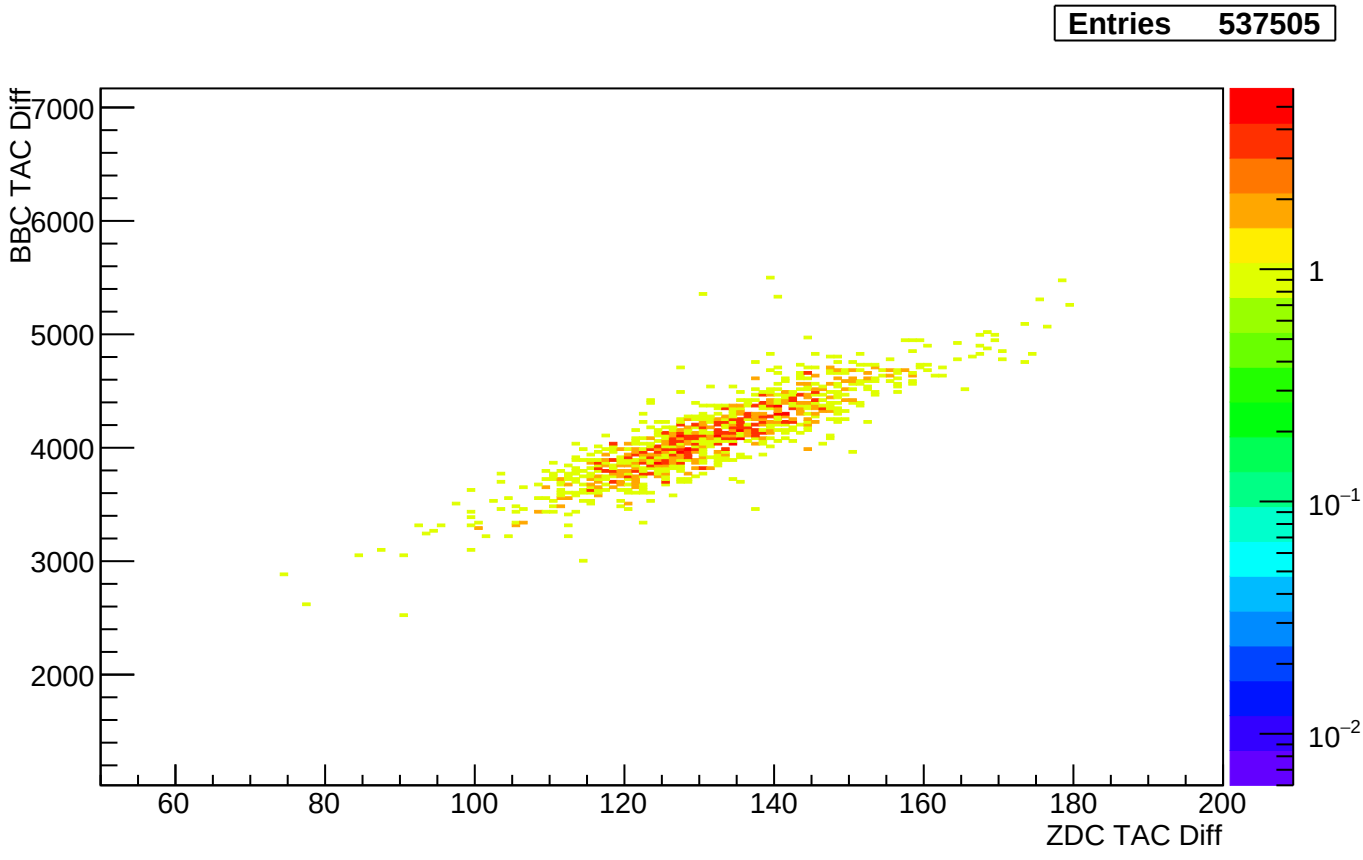

Entries 537505
TOF_Mult
EPD-West Hit Cnt

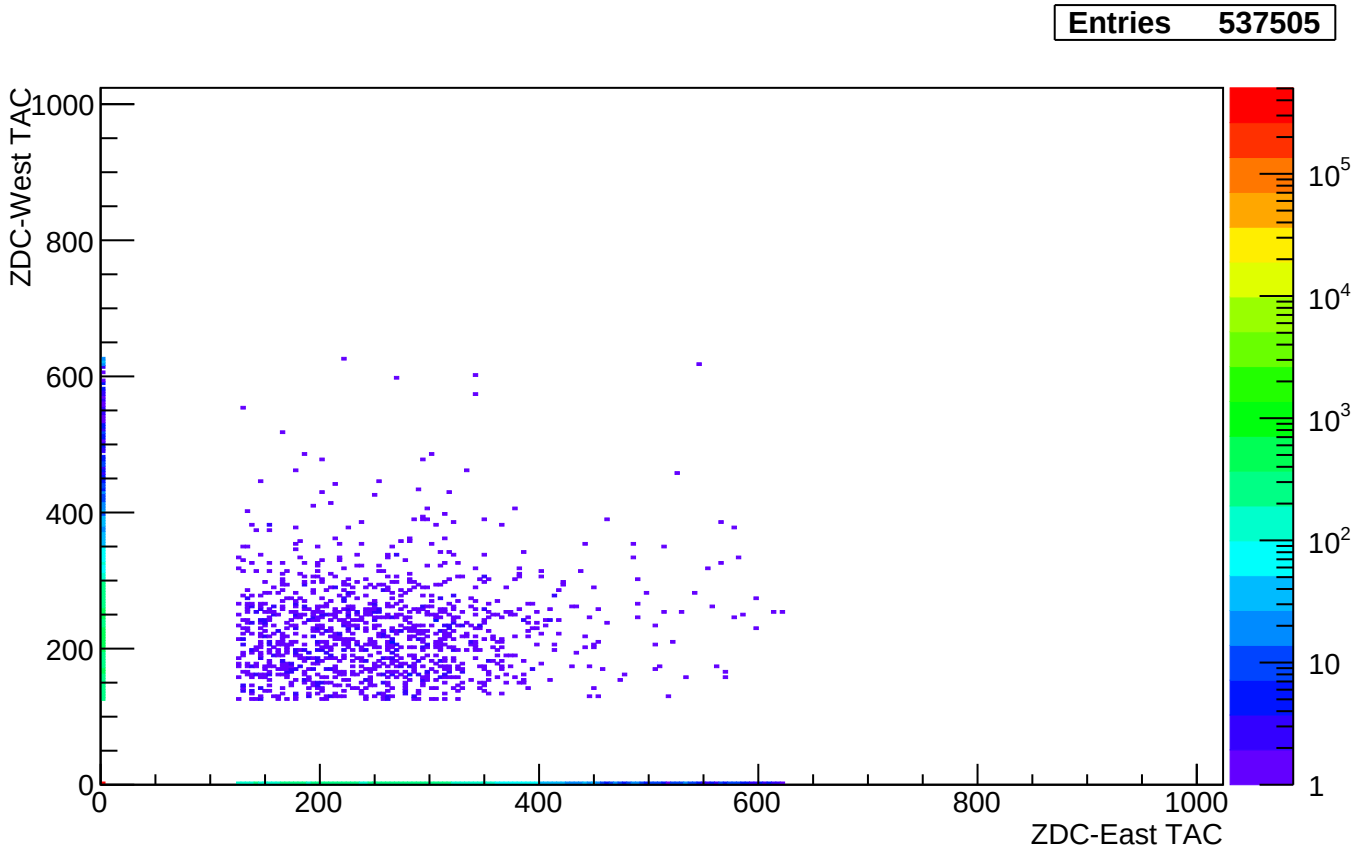

Entries 537505
TOF_Mult
VPD-East ADC Sum

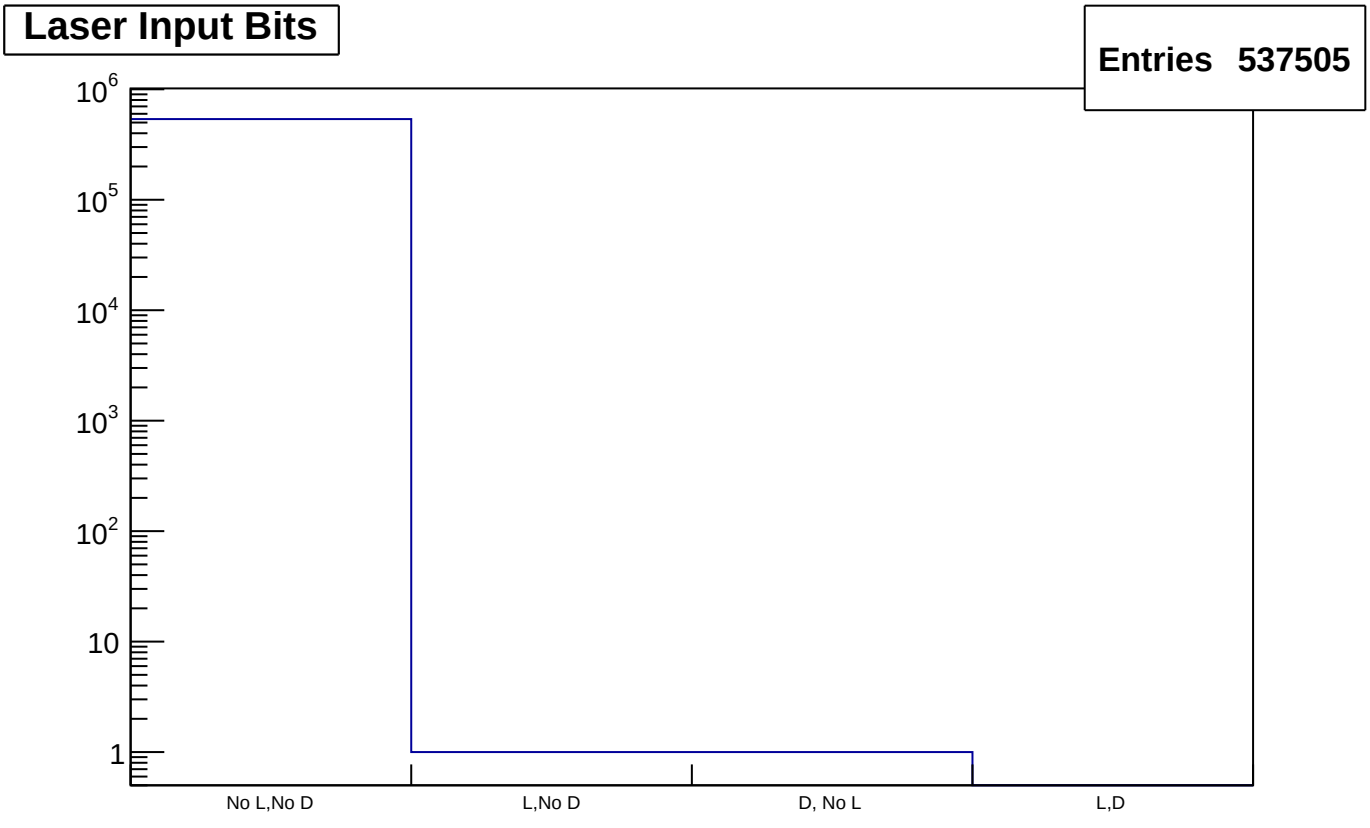

Entries 537505
TOF_Mult
VPD-West ADC Sum

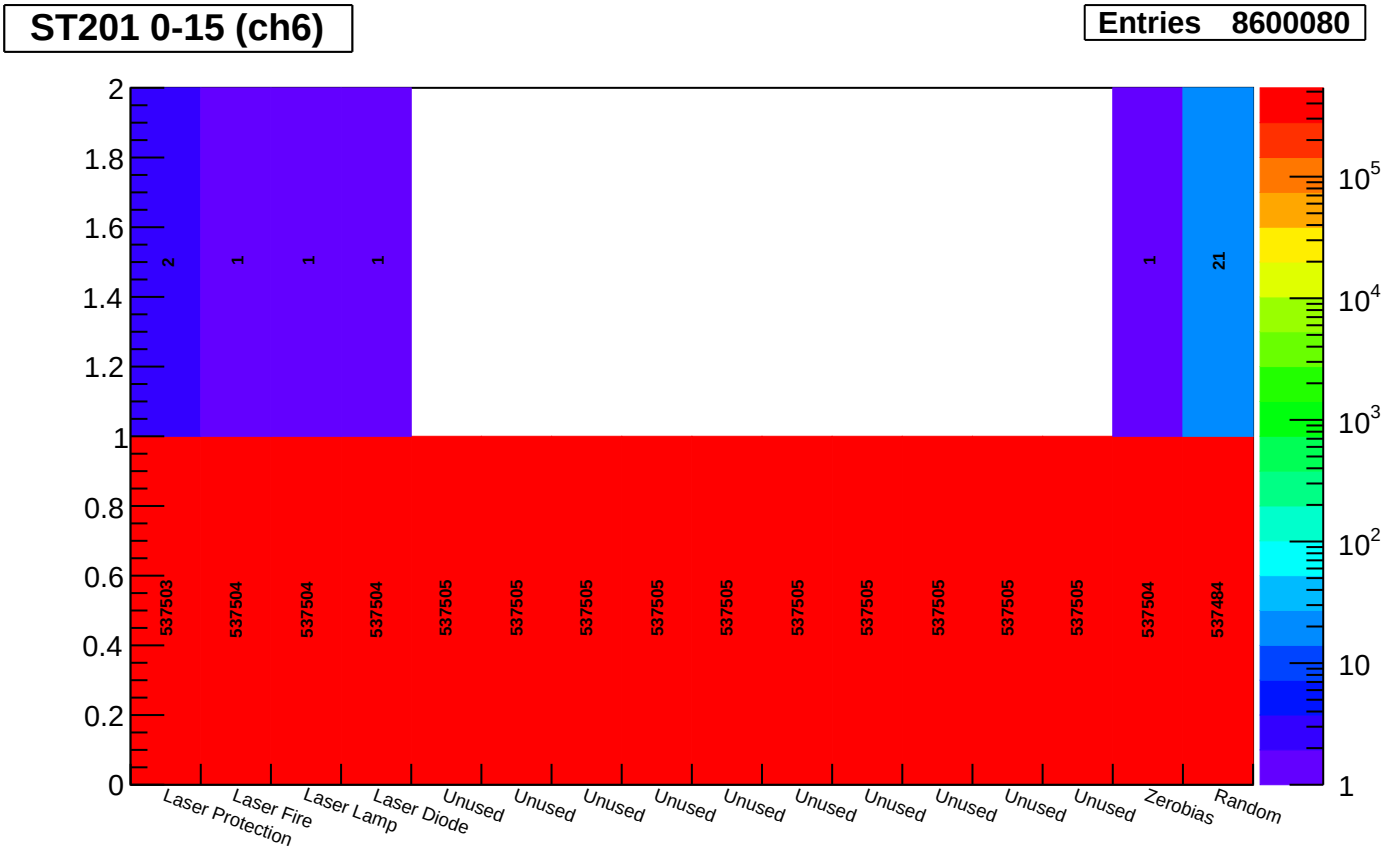

Entries 537505
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

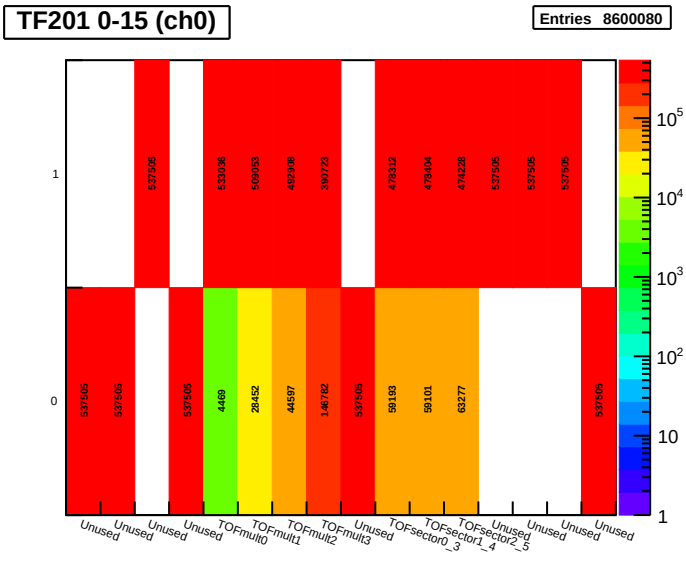

Entries 537505
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

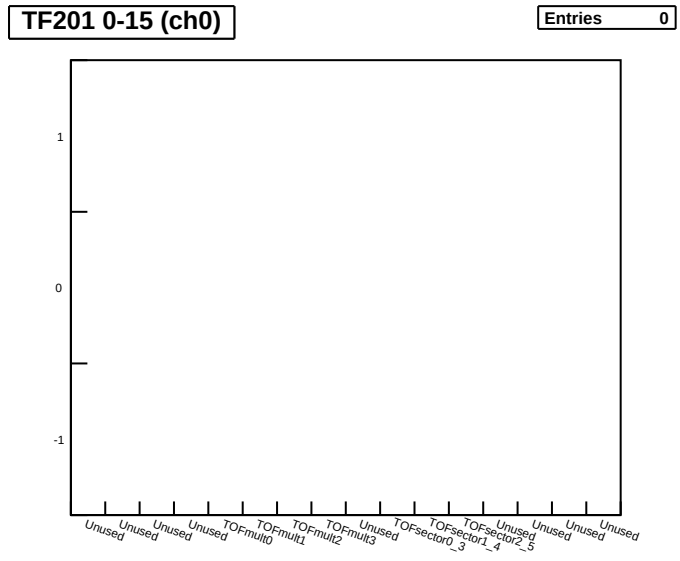

Entries 537505
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

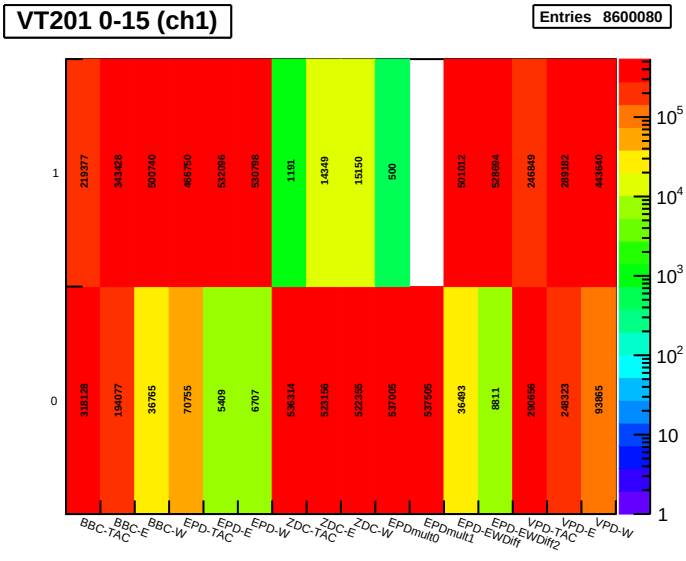

Entries 537505
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

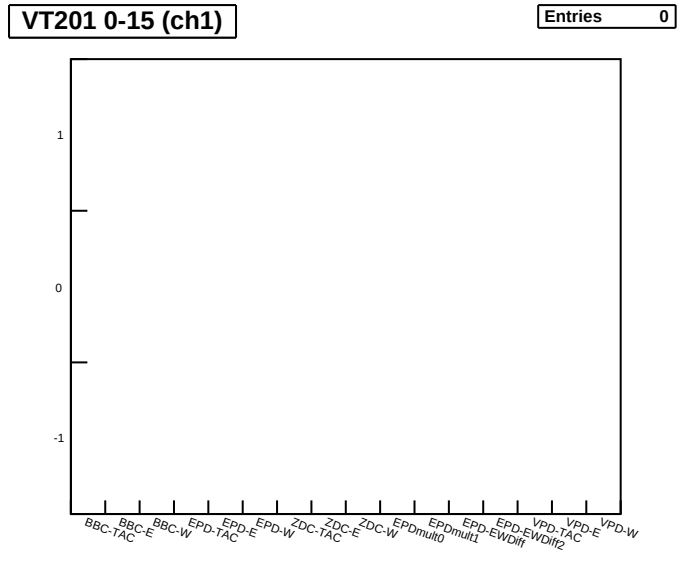

Laser Input Bits
Entries 537505
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

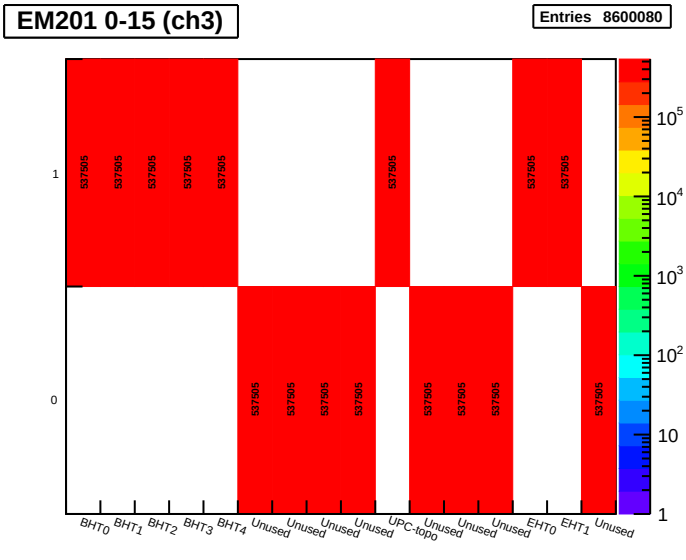

ST201 0-15 (ch6)
Entries 8600080
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
1
21
537503
537504
537504
537504
537505
537505
537505
537505
537505
537505
537505
537505
537505
537505
537504
537484
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1










EM201 0-15 (ch3)
Entries 8600080
1
0
537505
537505
537505
537505
537505
537505