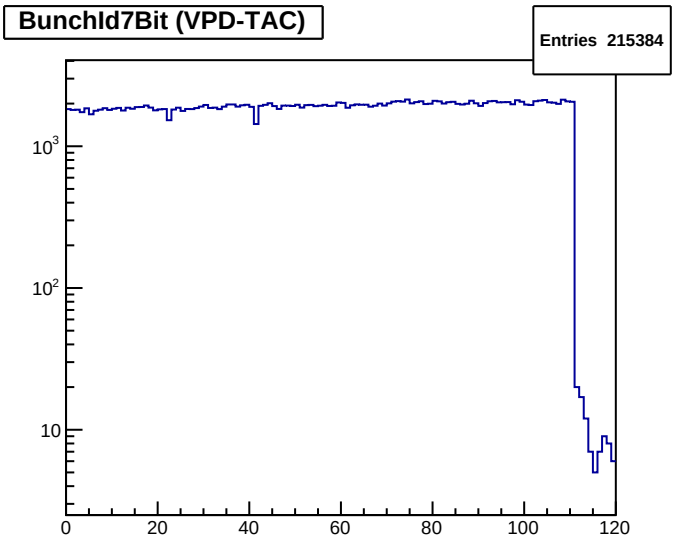
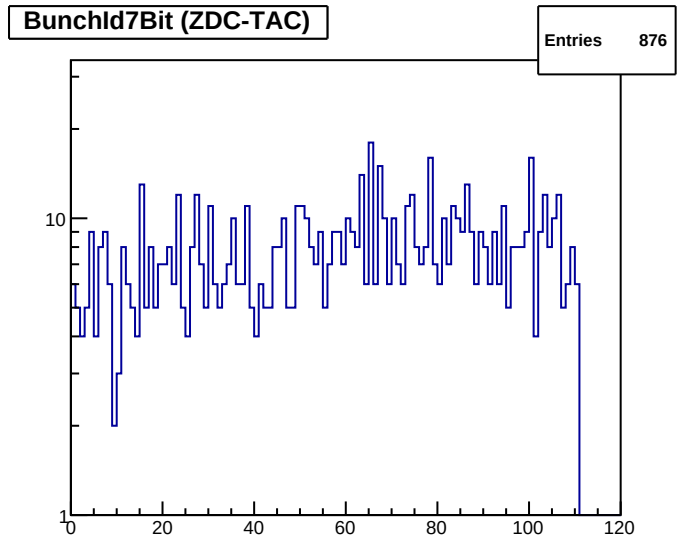
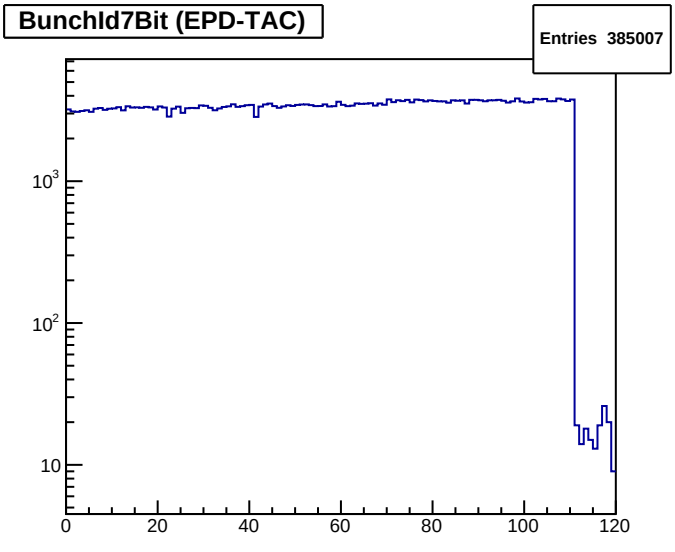
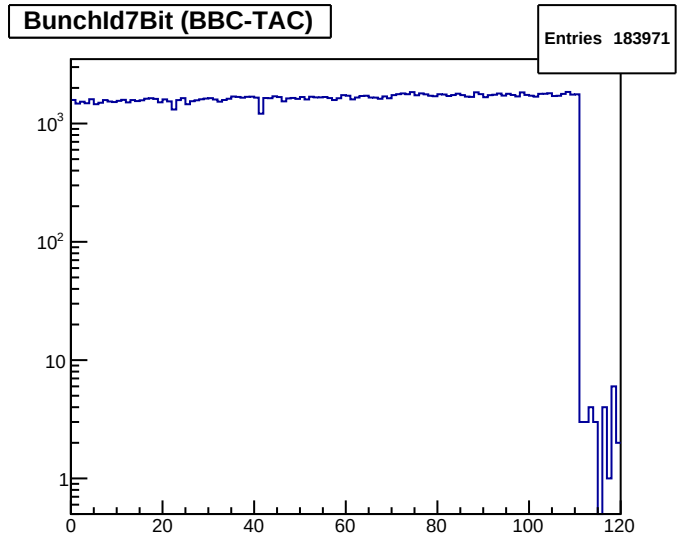
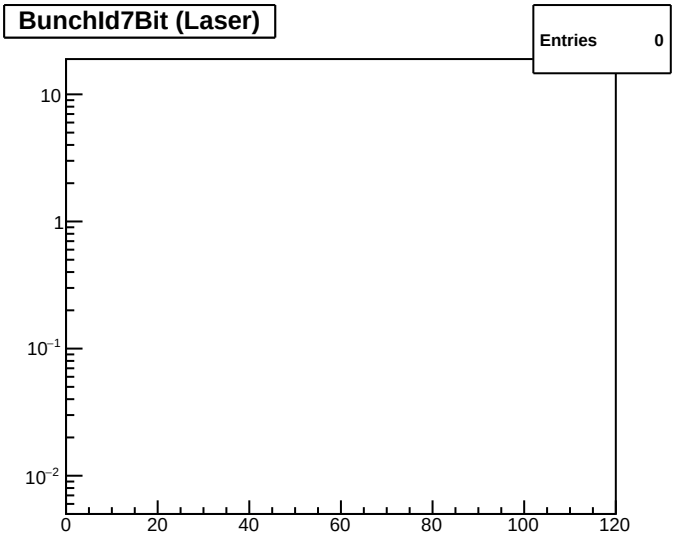
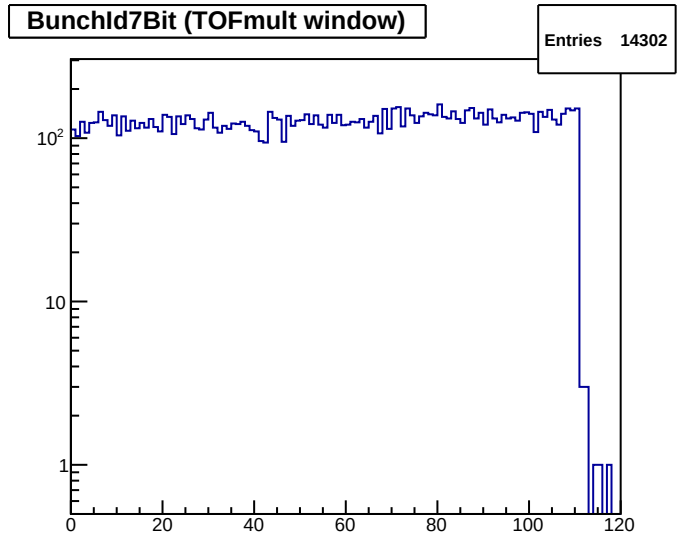

BunchId7Bit (VPD-TAC)
Entries 215384

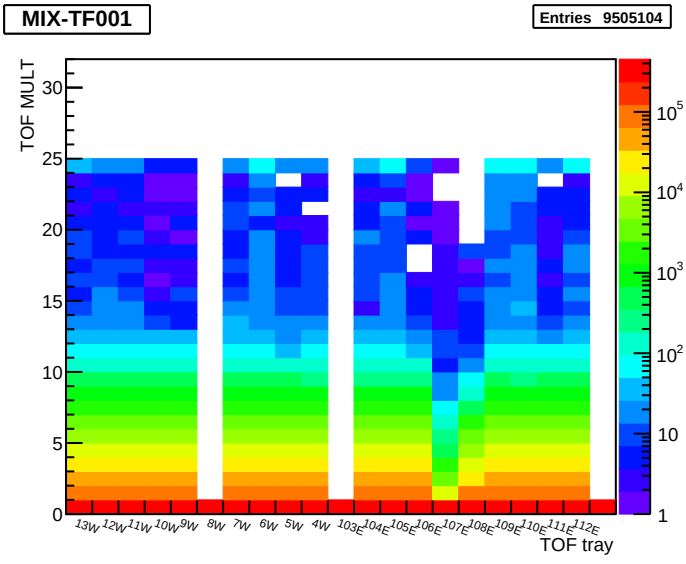

BunchId7Bit (ZDC-TAC)
Entries 876

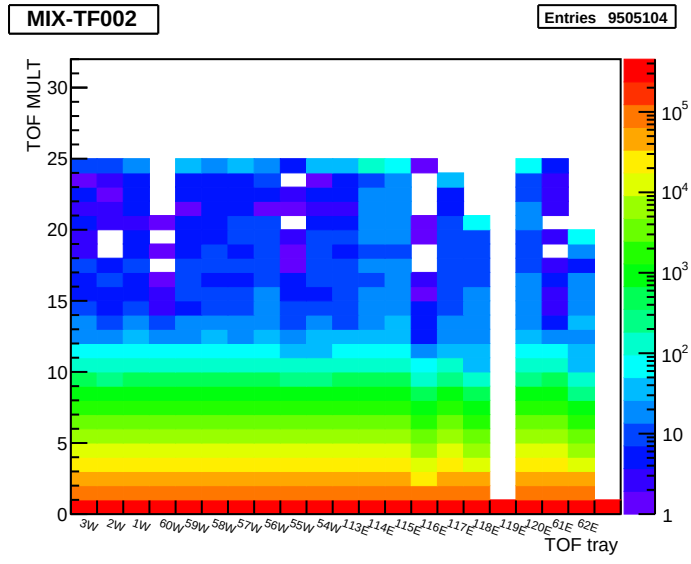

BunchId7Bit (EPD-TAC)
Entries 385007

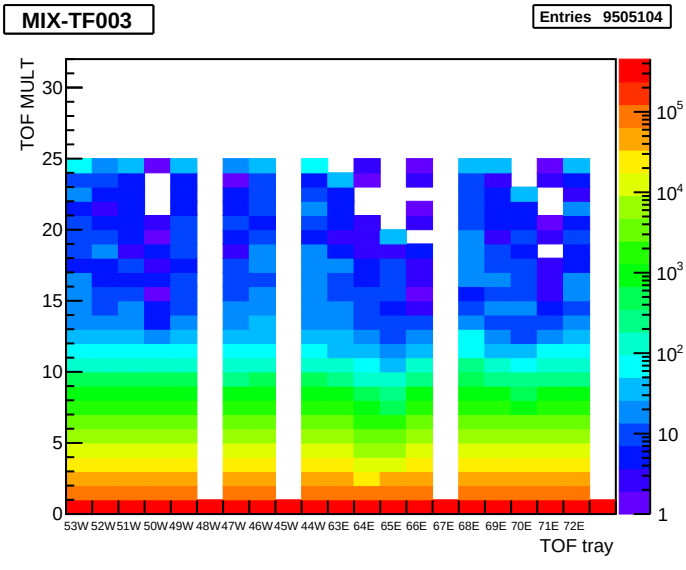

BunchId7Bit (BBC-TAC)
Entries 183971

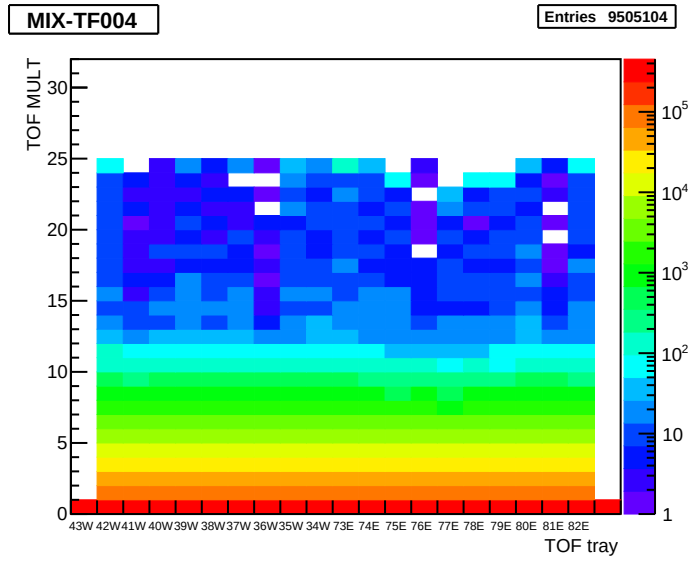

BunchId7Bit (Laser)
Entries 0

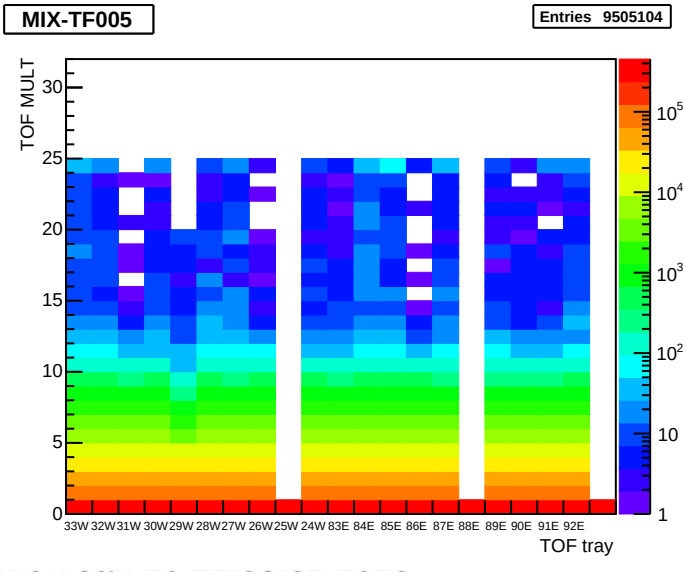

BunchId7Bit (TOFmult window)
Entries 14302

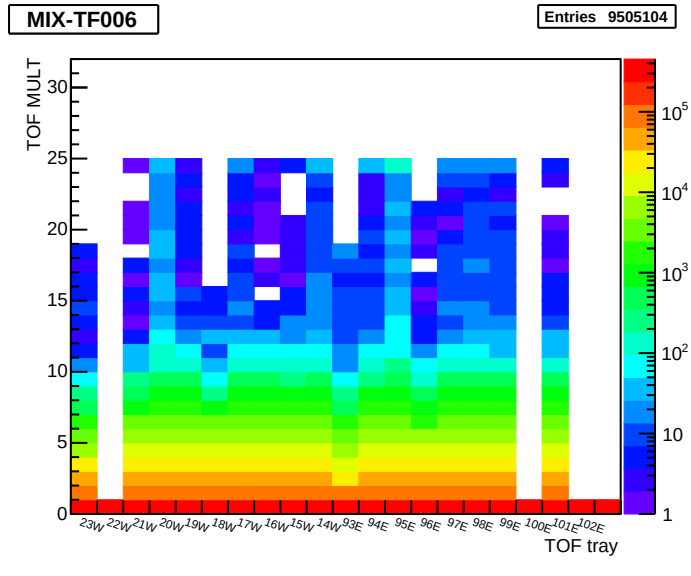

MIX-TF001
Entries 9505104
TOF MULT
TOF tray

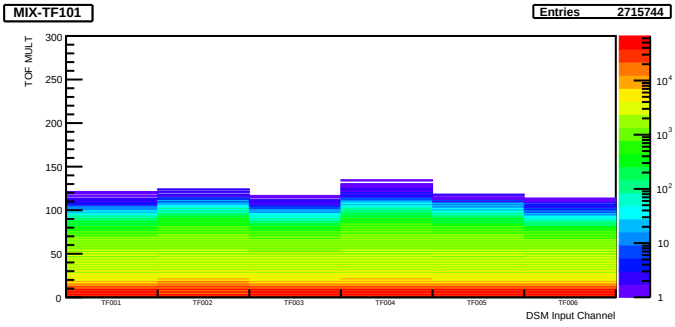

MIX-TF002
Entries 9505104
TOF MULT
TOF tray

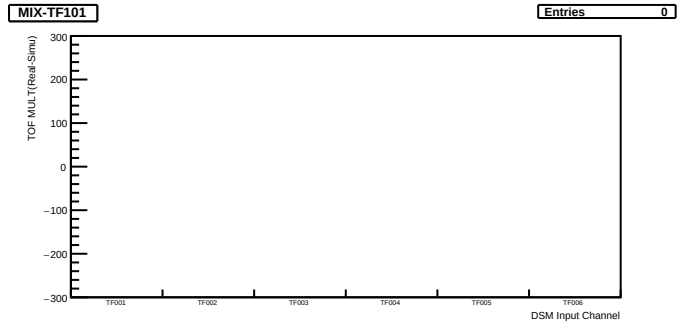

MIX-TF003
Entries 9505104
TOF MULT
TOF tray

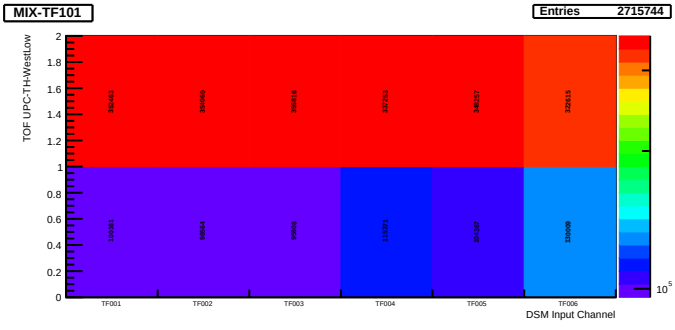

MIX-TF004
Entries 9505104
TOF MULT
TOF tray

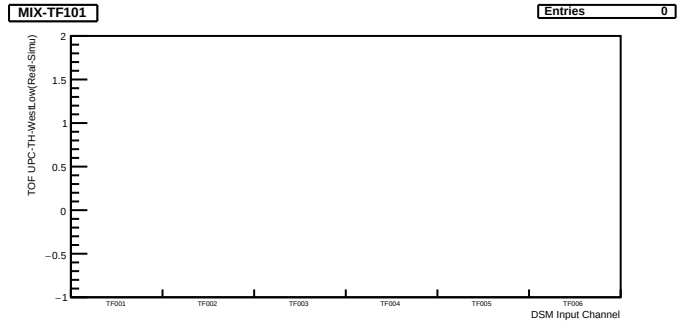

MIX-TF005
Entries 9505104
TOF MULT
TOF tray

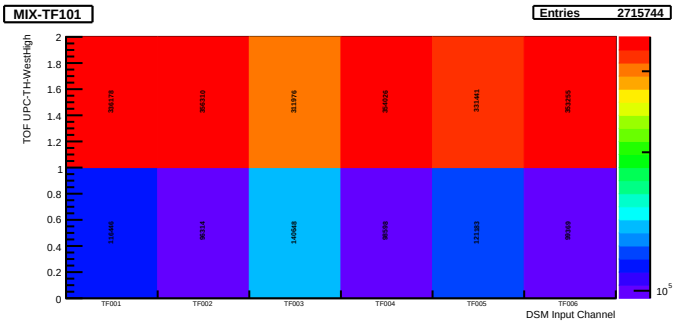

MIX-TF006
Entries 9505104
TOF MULT
TOF tray

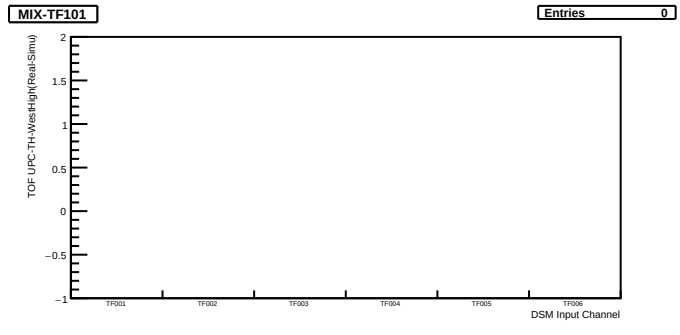

MIX-TF101
Entries 2715744
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

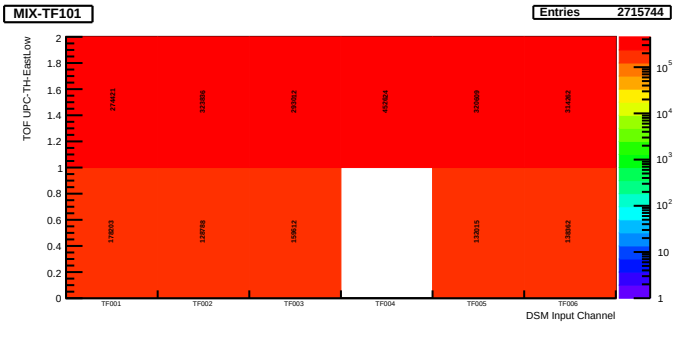

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

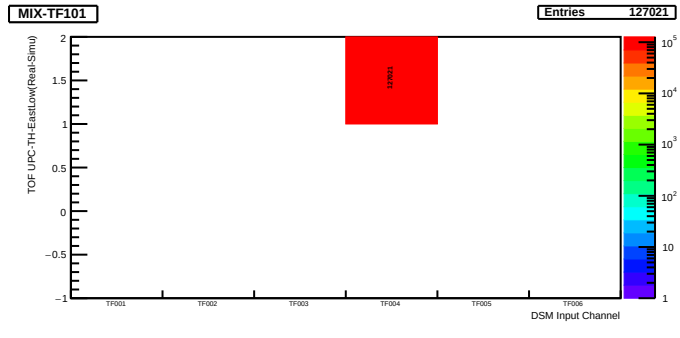

MIX-TF101
Entries 2715744
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

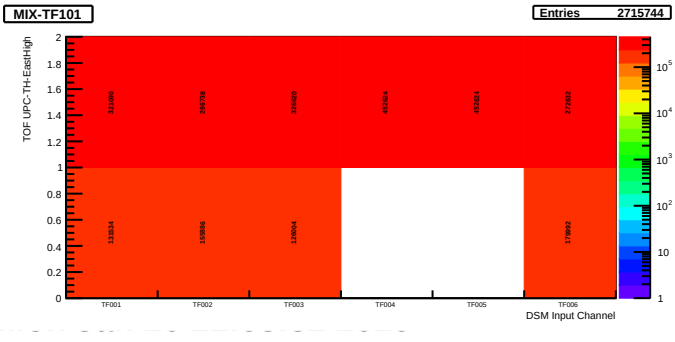

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

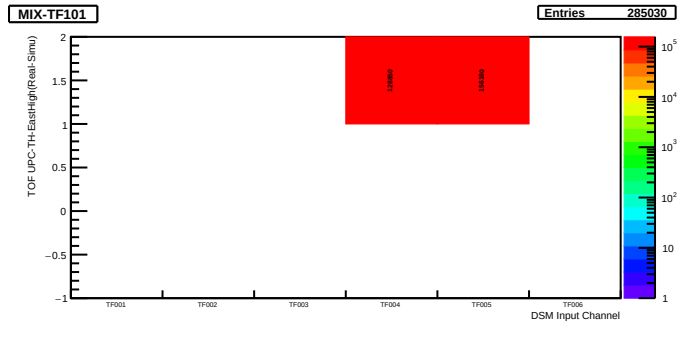

MIX-TF101
Entries 2715744
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

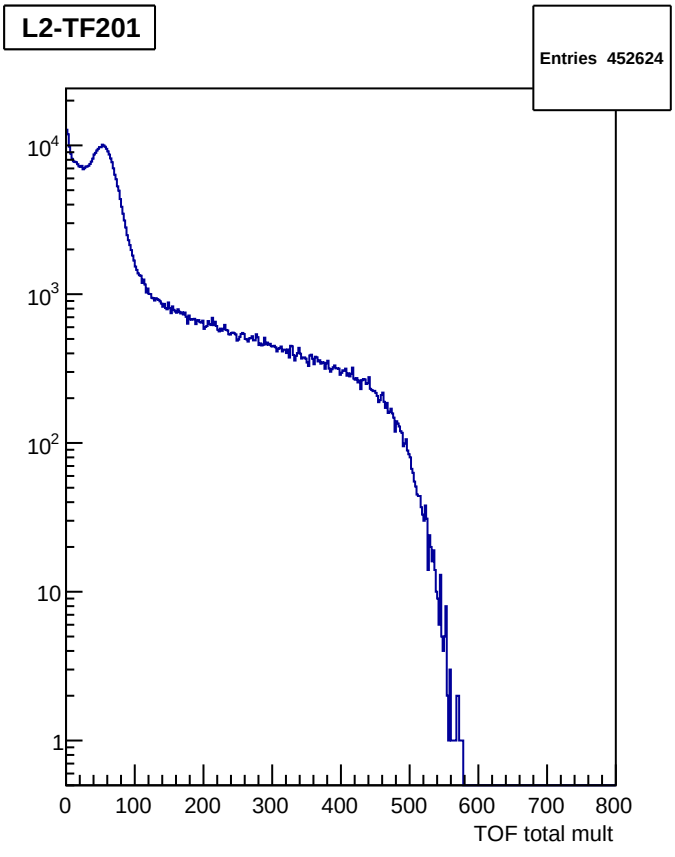

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

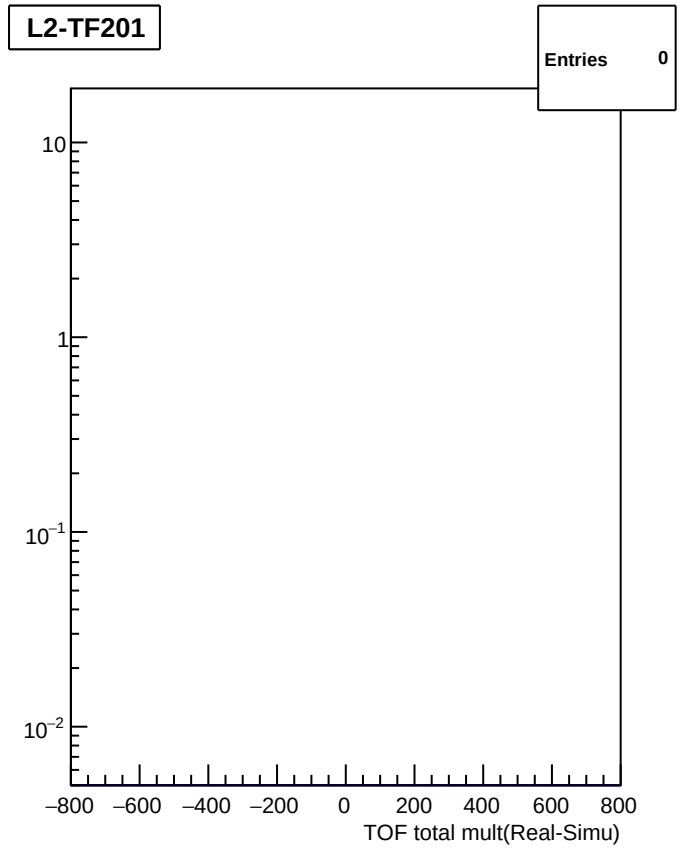

MIX-TF101
Entries 2715744
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

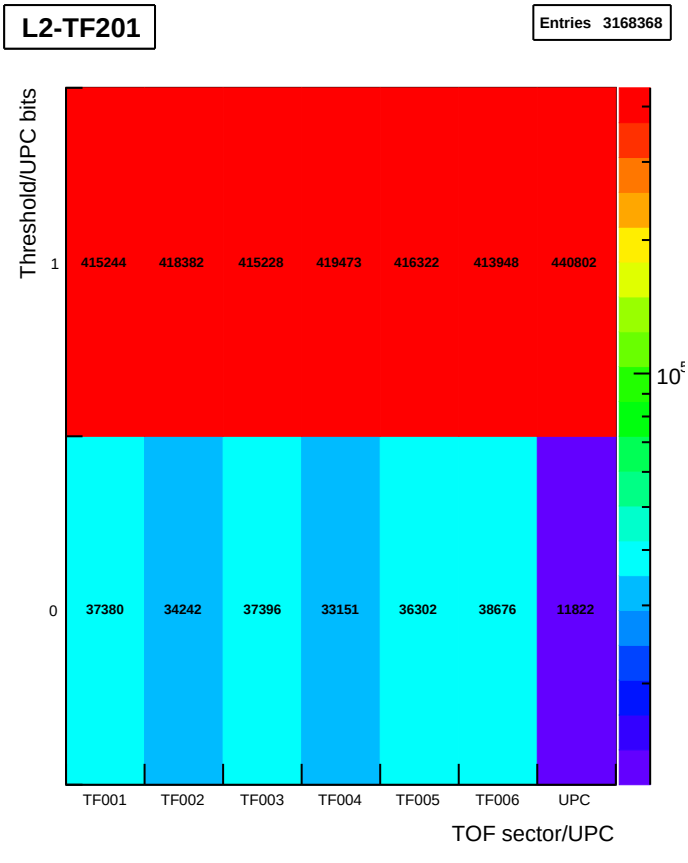

MIX-TF101
Entries 127021
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

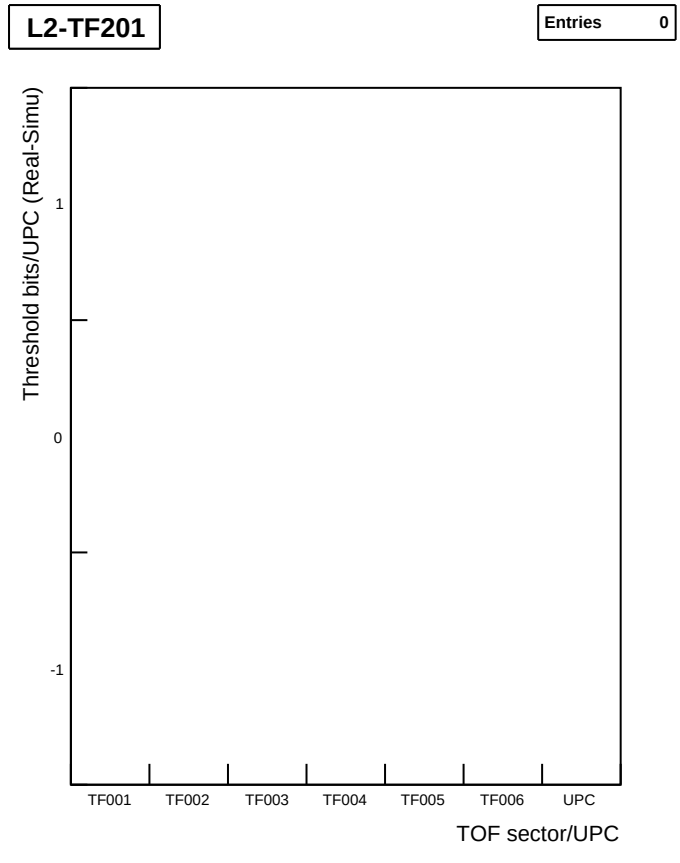

MIX-TF101
Entries 2715744
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

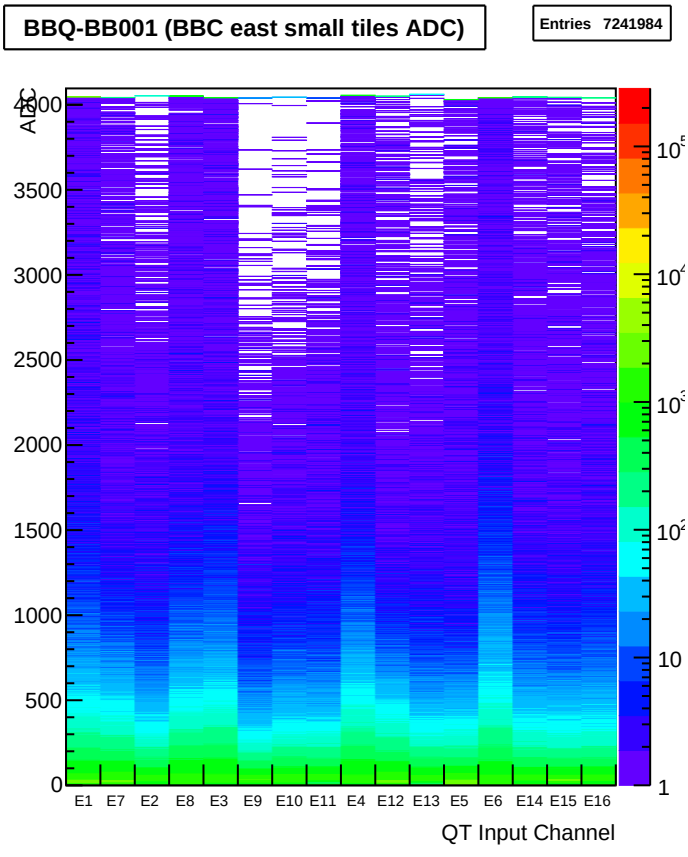

MIX-TF101
Entries 285030
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

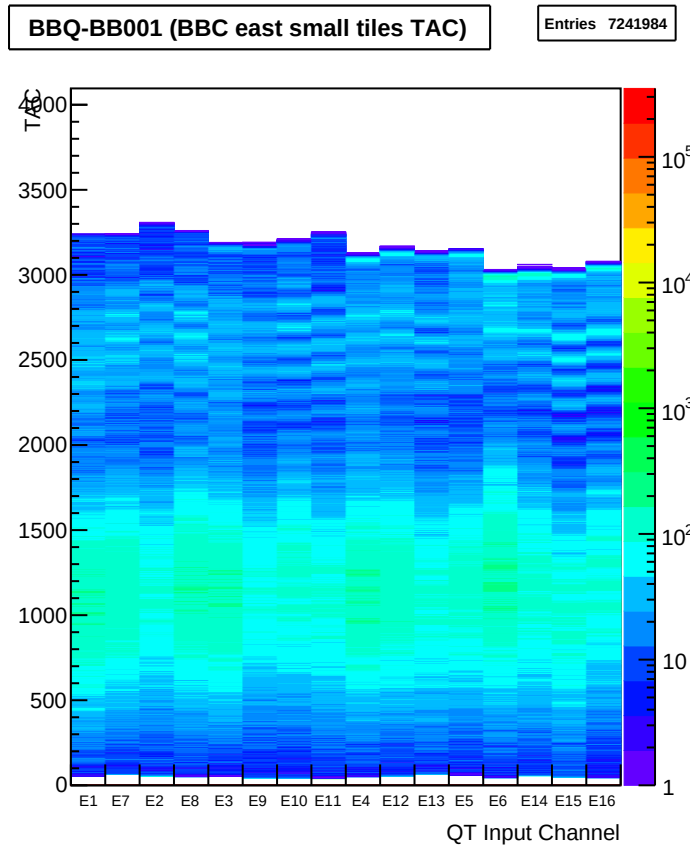

L2-TF201
Entries 452624
TOF total mult

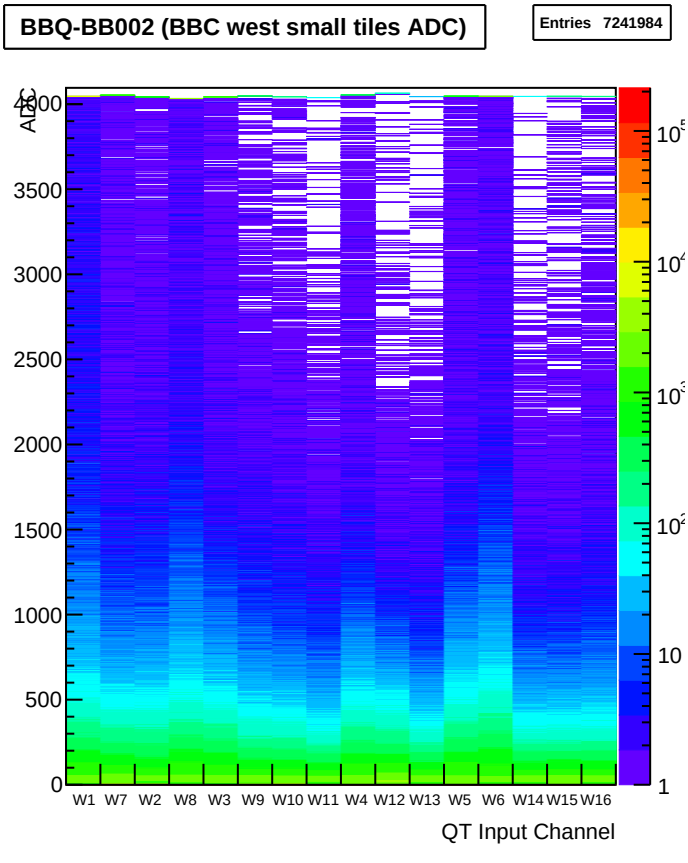

L2-TF201
Entries 0
TOF total mult(Real-Simu)

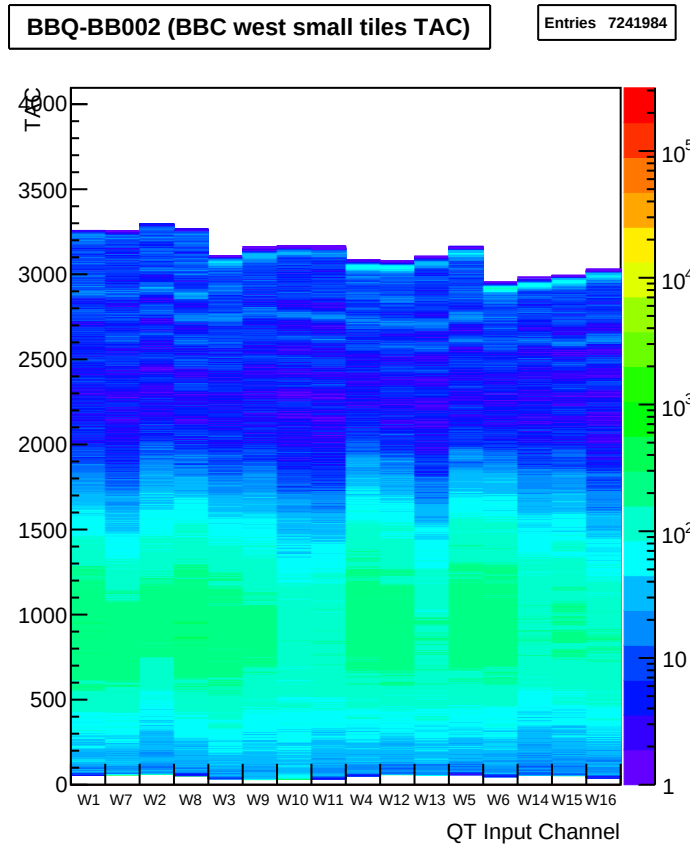

L2-TF201
Entries 3168368
Threshold/UPC bits
415244
418382
415228
419473
416322
413948
440802
37380
34242
37396
33151
36302
38676
11822
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

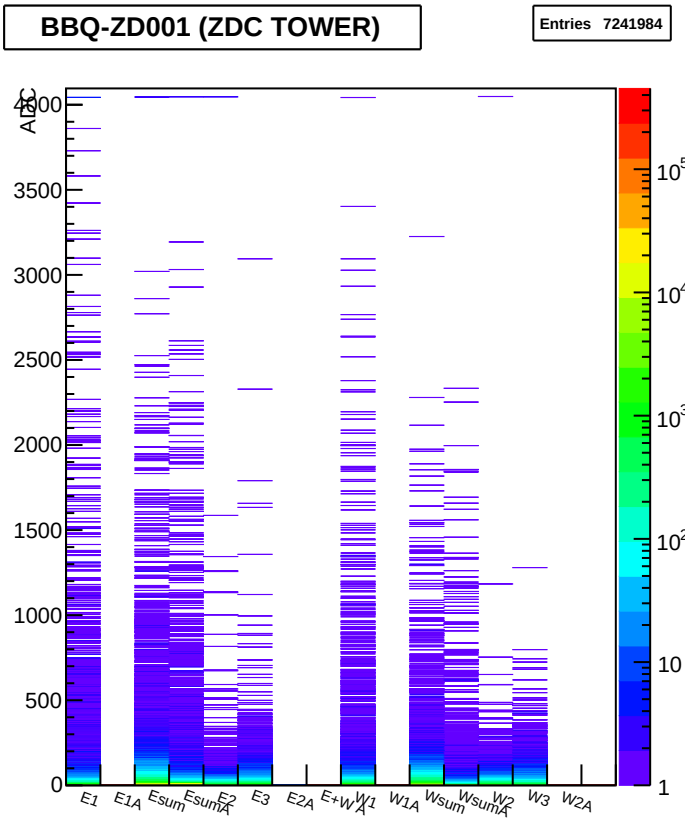

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

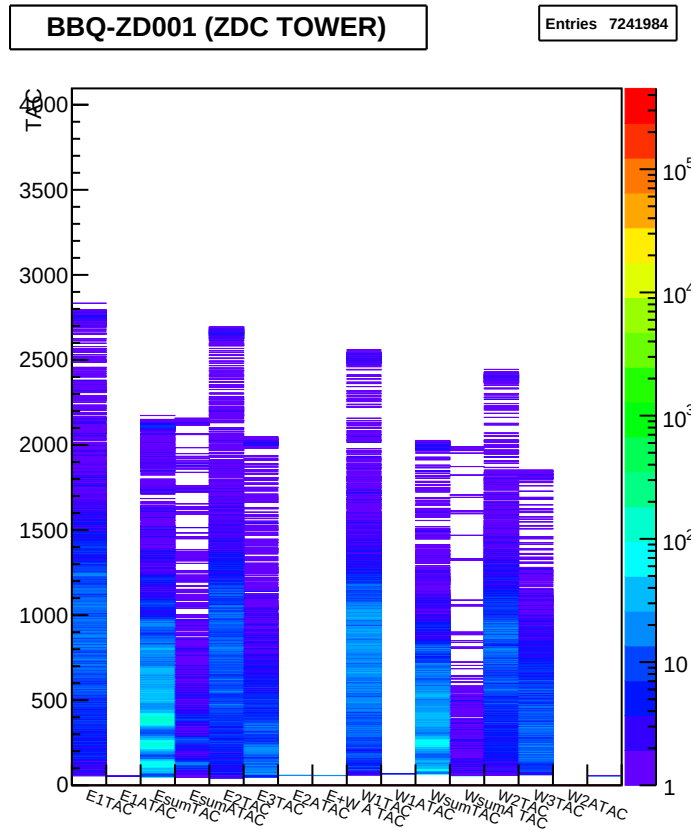

BBQ-BB001 (BBC east small tiles ADC)
Entries 7241984
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

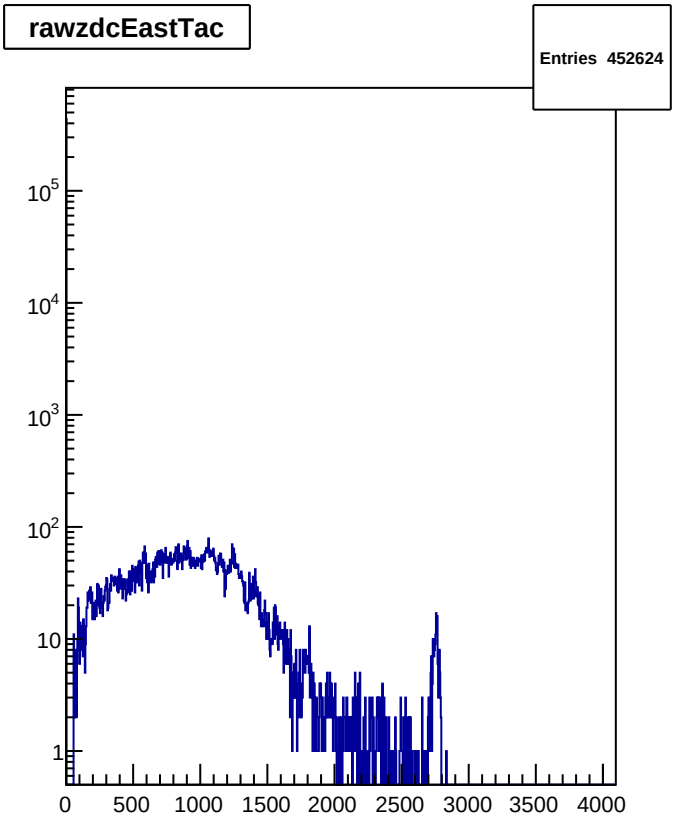

BBQ-BB001 (BBC east small tiles TAC)
Entries 7241984
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

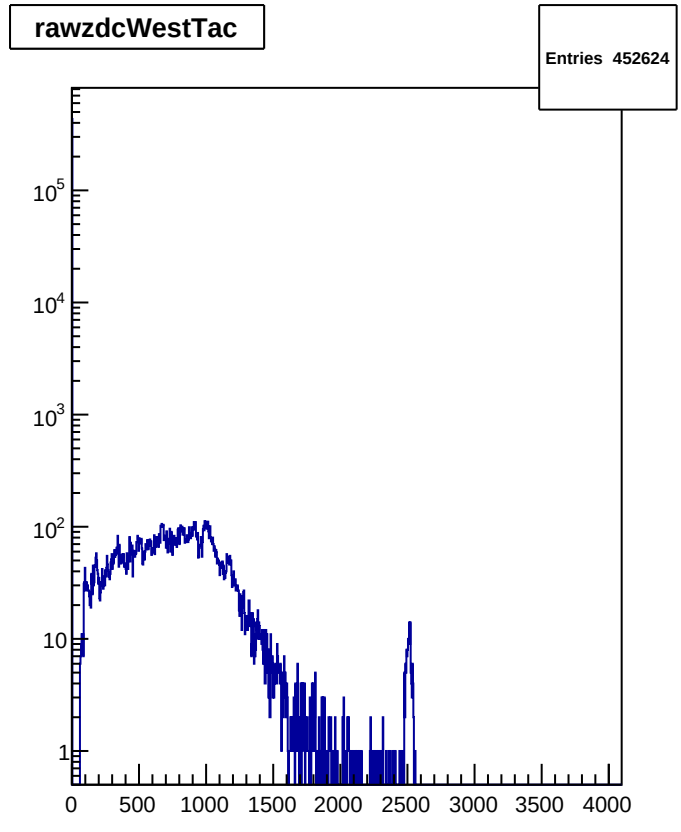

BBQ-BB002 (BBC west small tiles ADC)
Entries 7241984
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

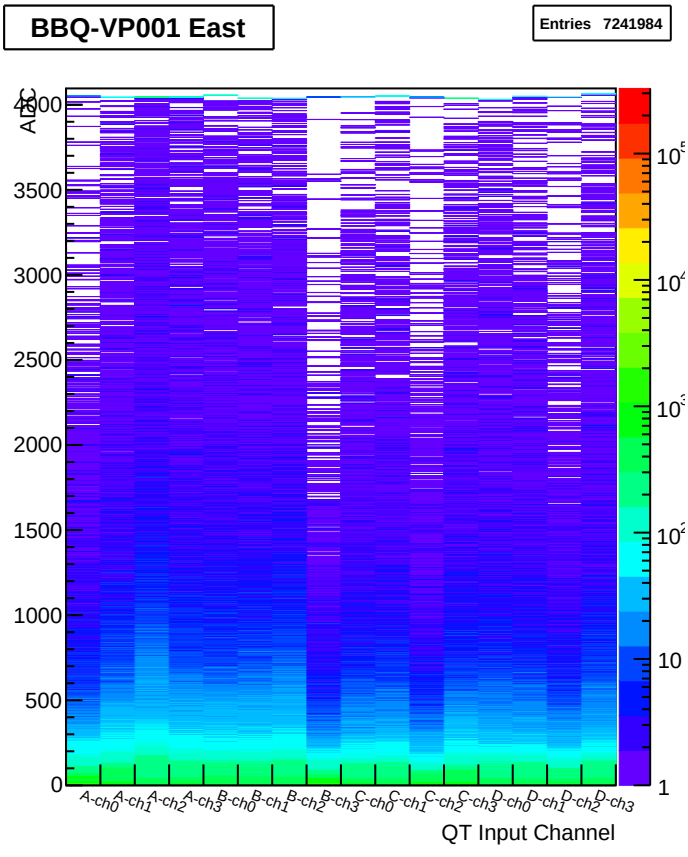

BBQ-BB002 (BBC west small tiles TAC)
Entries 7241984
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

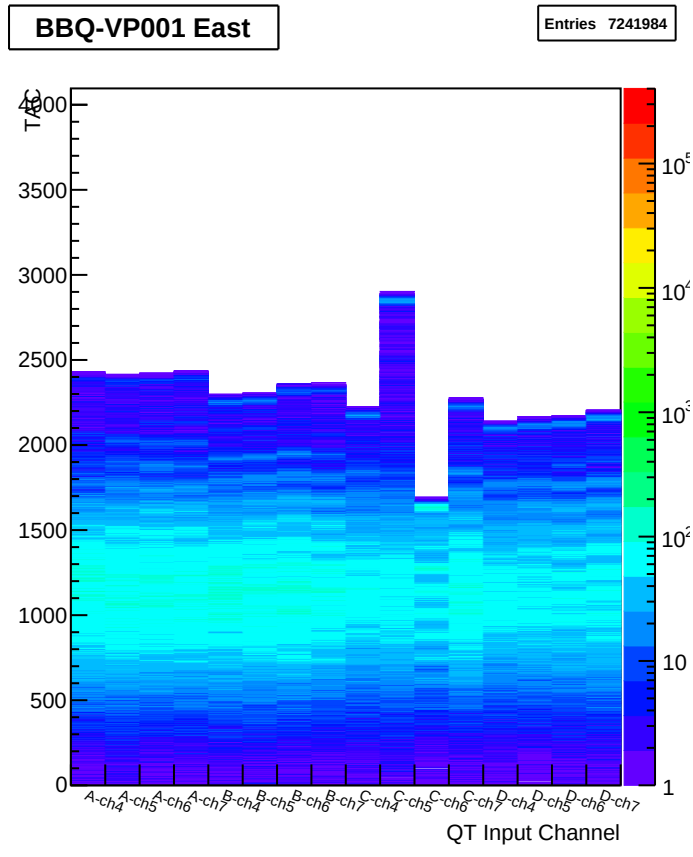

BBQ-ZD001 (ZDC TOWER)
Entries 7241984
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

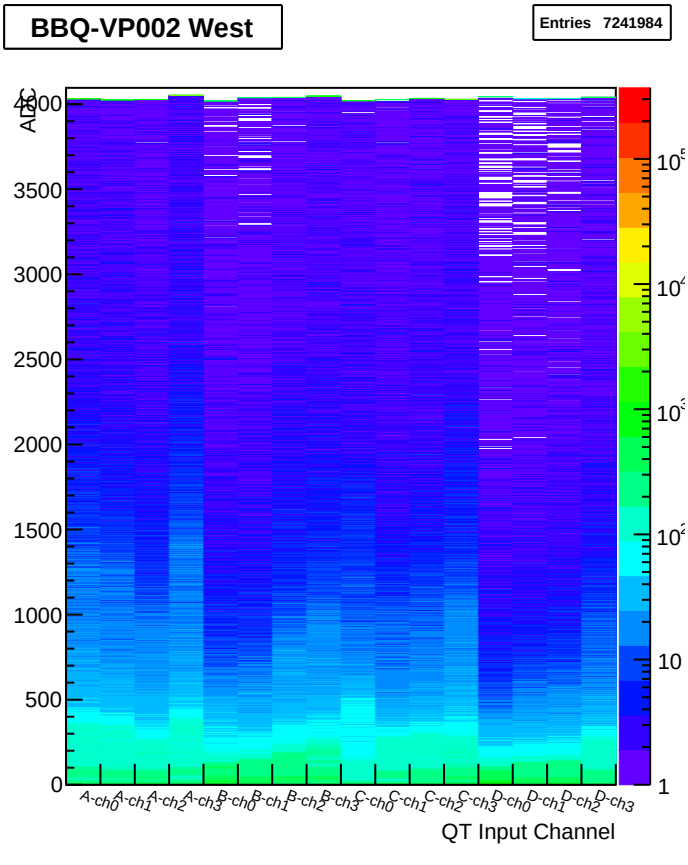

BBQ-ZD001 (ZDC TOWER)
Entries 7241984
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

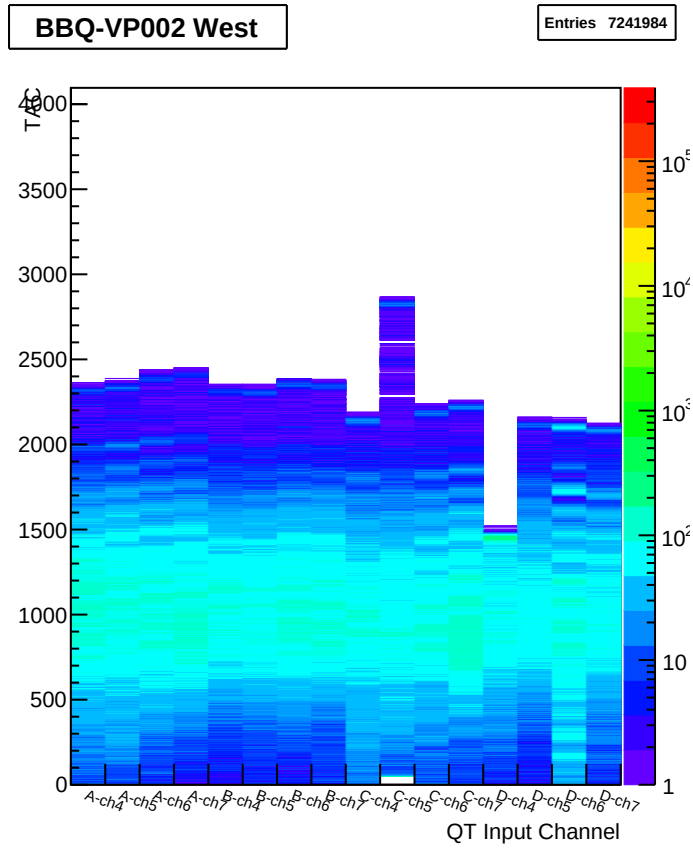

rawzdcEastTac
Entries 452624

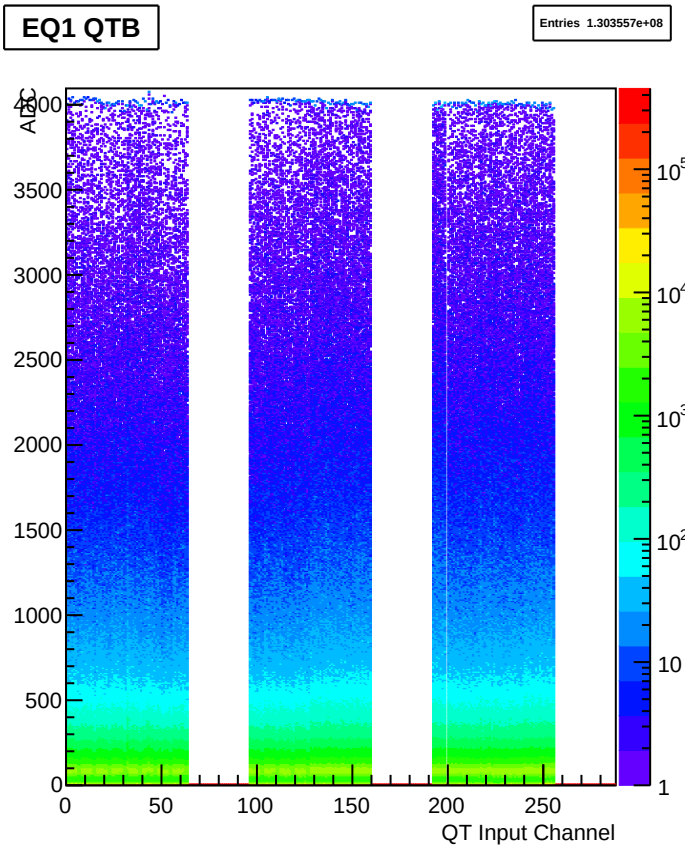

rawzdcWestTac
Entries 452624

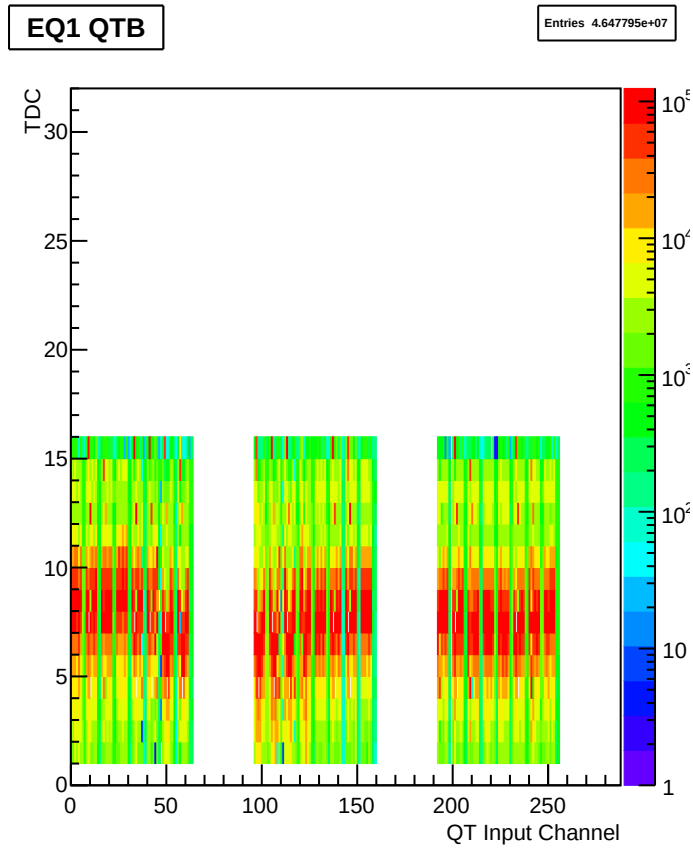

BBQ-VP001 East
Entries 7241984
ADC
QT Input Channel

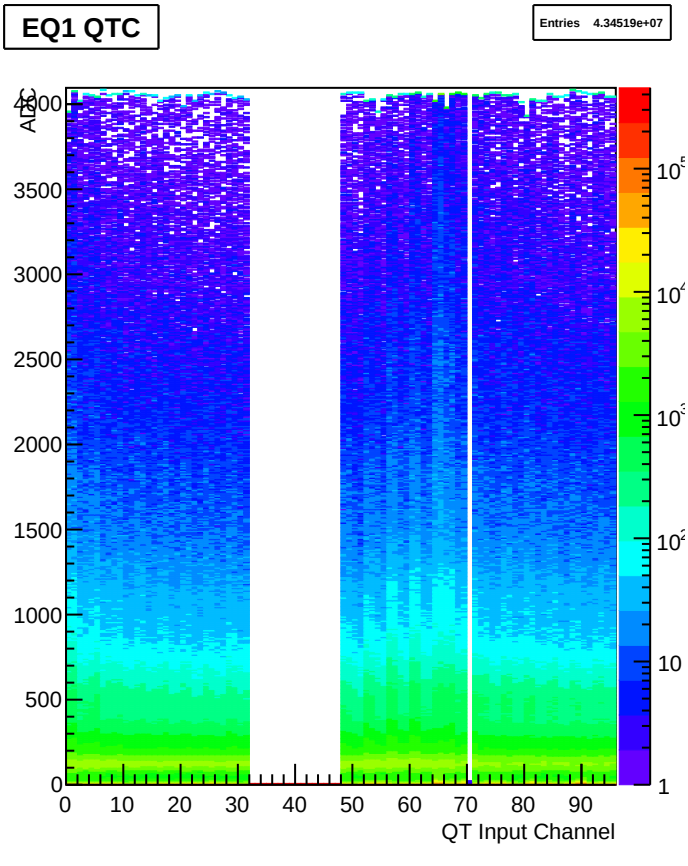

BBQ-VP001 East
Entries 7241984
ADC
QT Input Channel

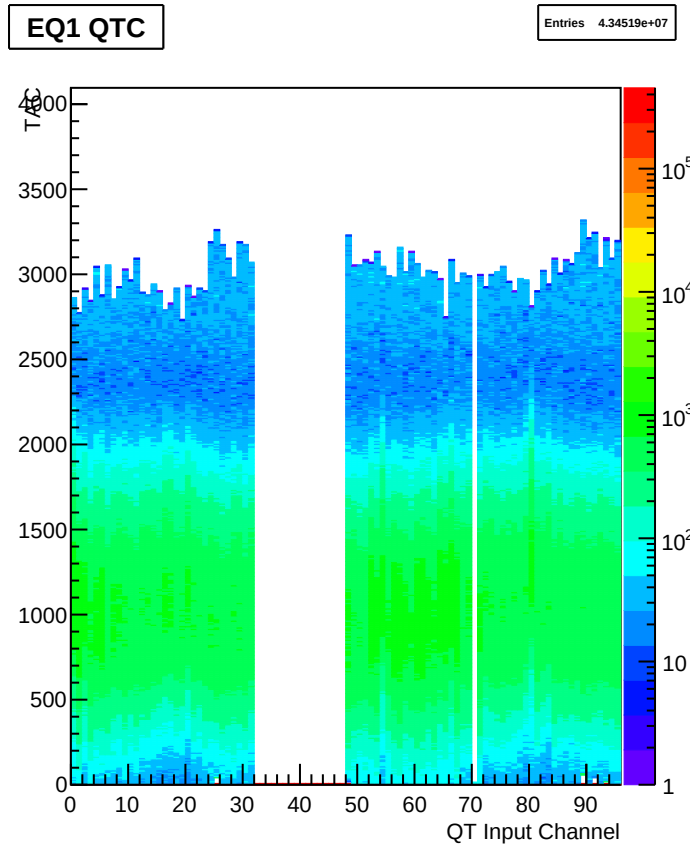

BBQ-VP002 West
Entries 7241984
ADC
QT Input Channel

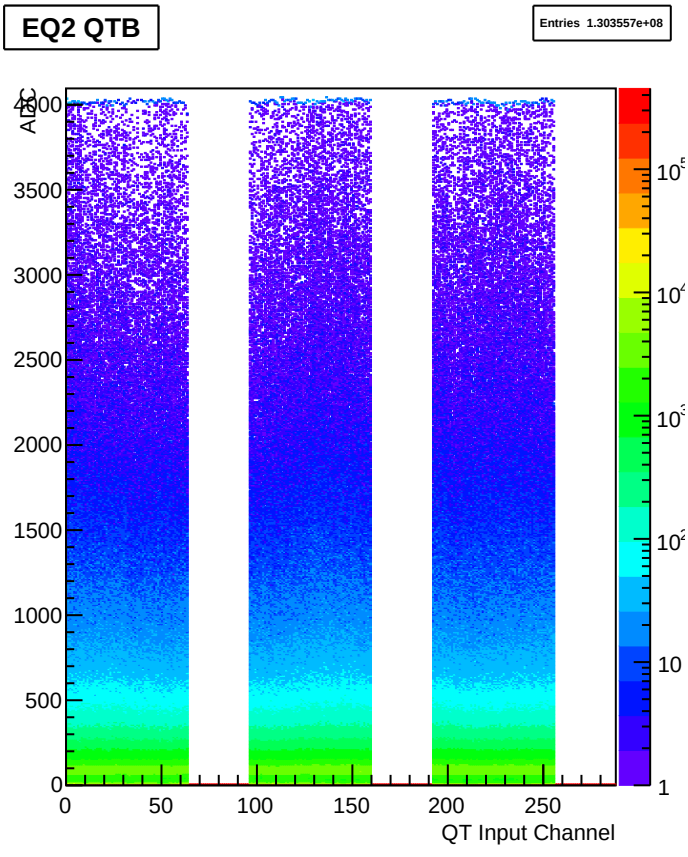

BBQ-VP002 West
Entries 7241984
ADC
QT Input Channel

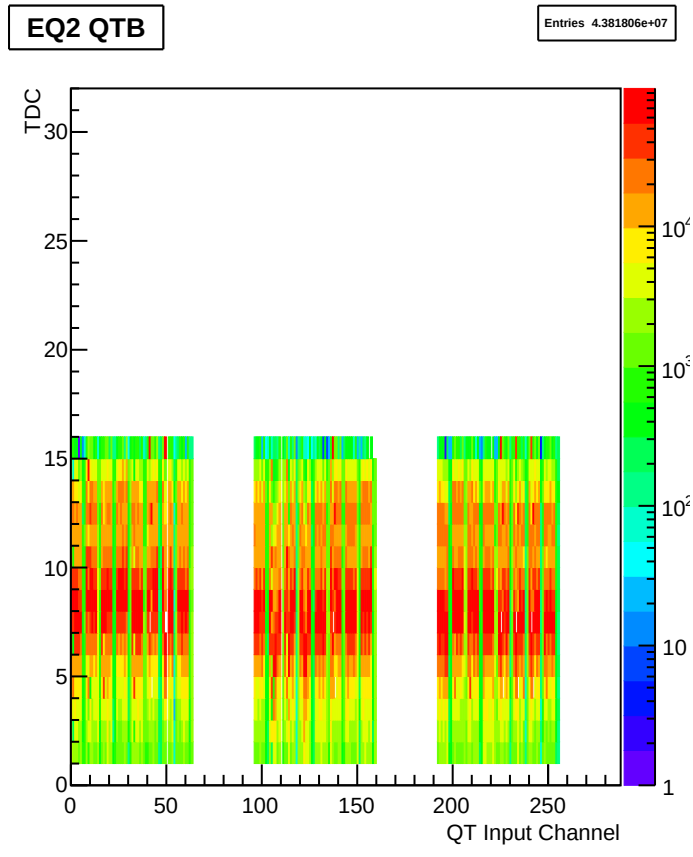

EQ1 QTB
Entries 1.303557e+08
ADC
QT Input Channel

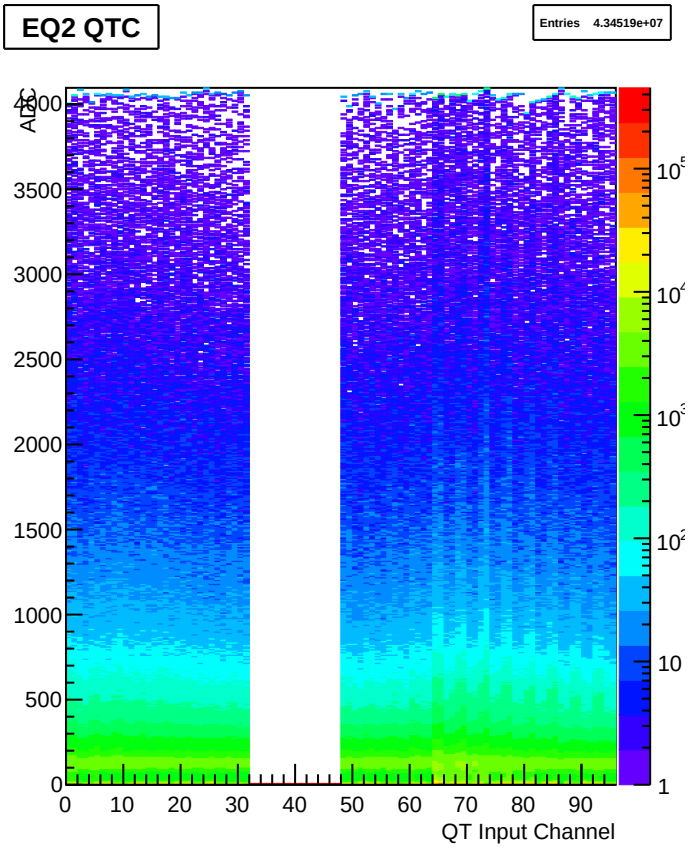

EQ1 QTB
Entries 4.647795e+07
TDC
QT Input Channel

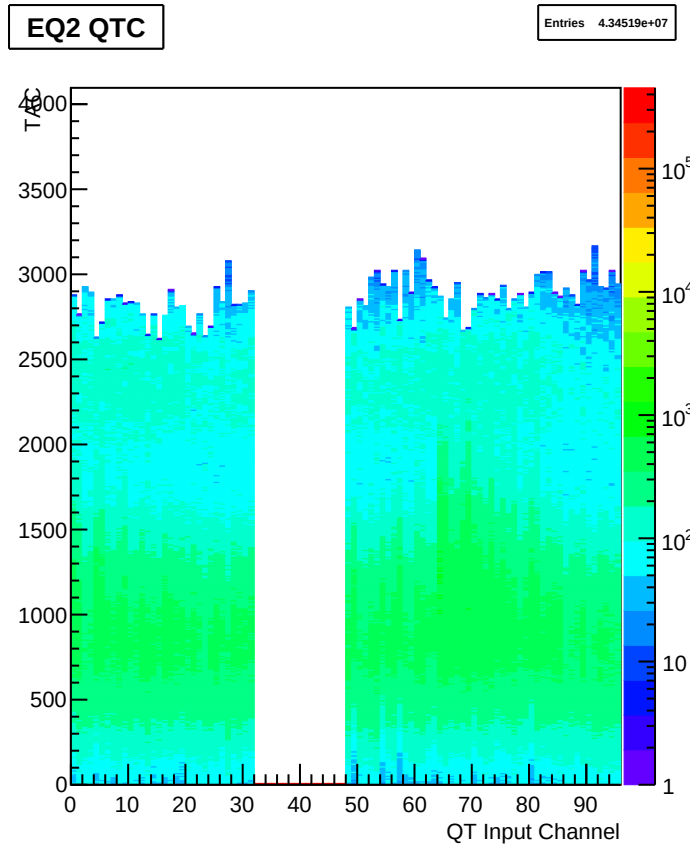

EQ1 QTC
Entries 4.34519e+07
ADC
QT Input Channel

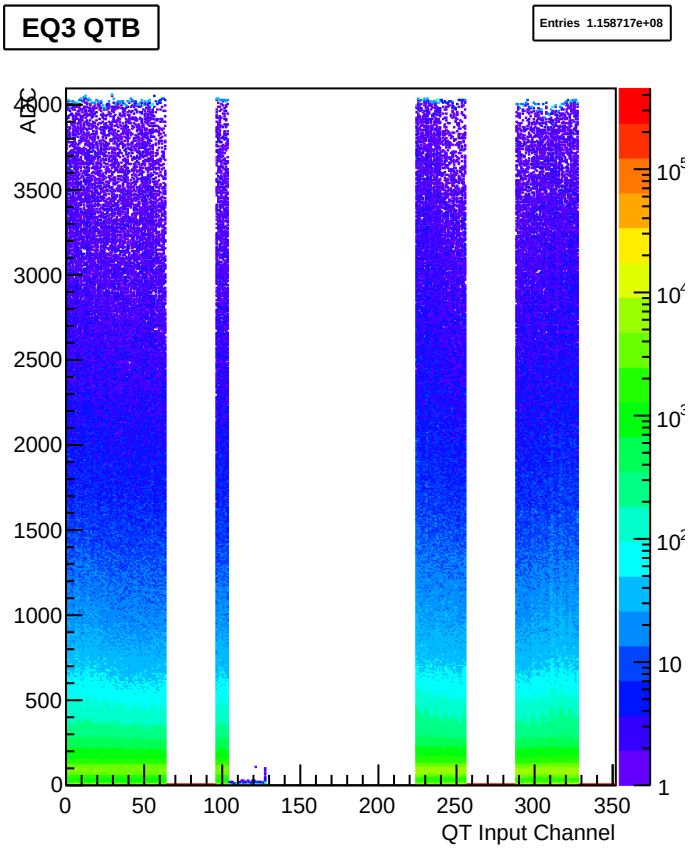

EQ1 QTC
Entries 4.34519e+07
TADC
QT Input Channel

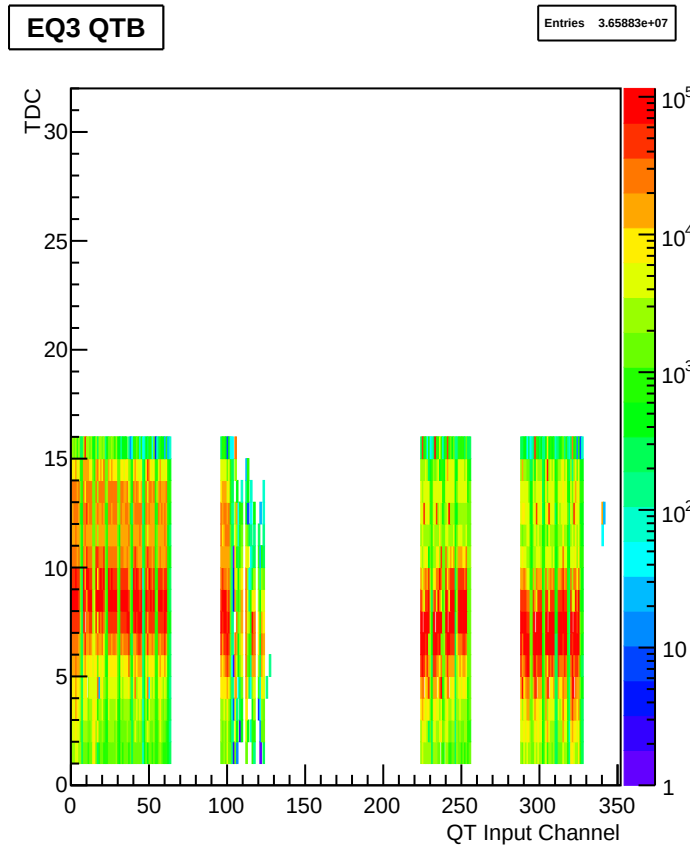

EQ2 QTB
Entries 1.303557e+08
ADC
QT Input Channel

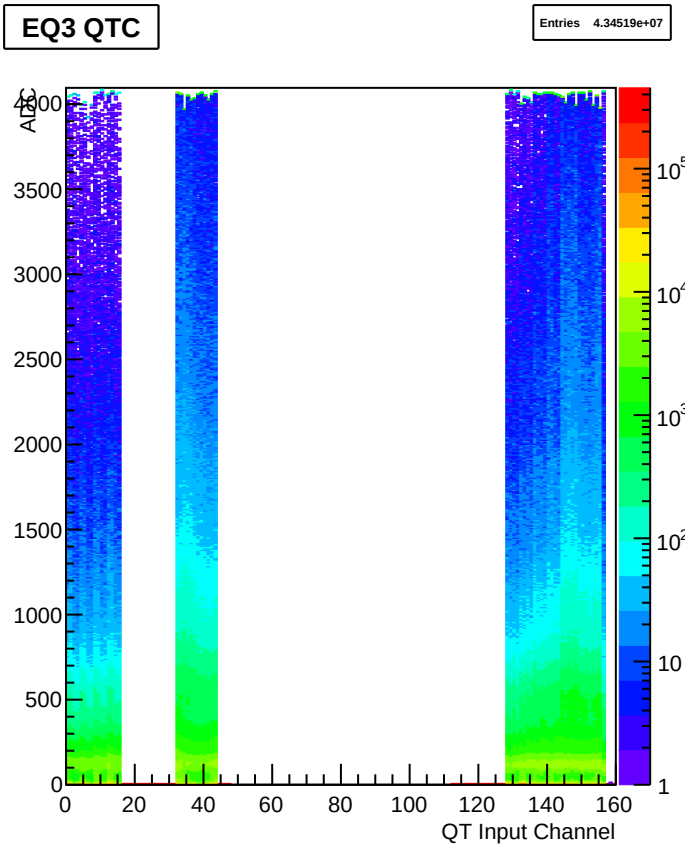

EQ2 QTB
Entries 4.381806e+07
TDC
QT Input Channel

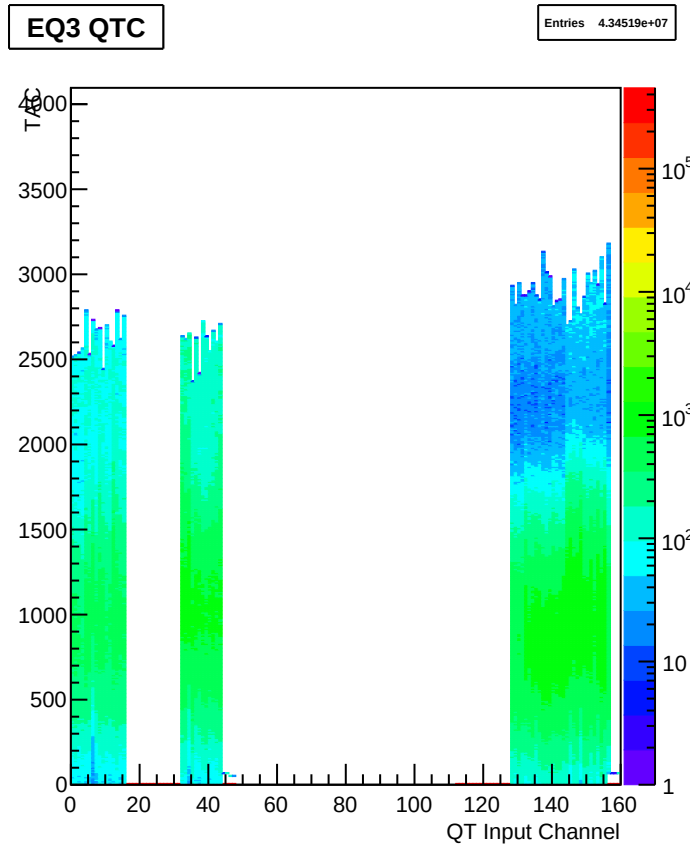

EQ2 QTC
Entries 4.34519e+07
ADC
QT Input Channel

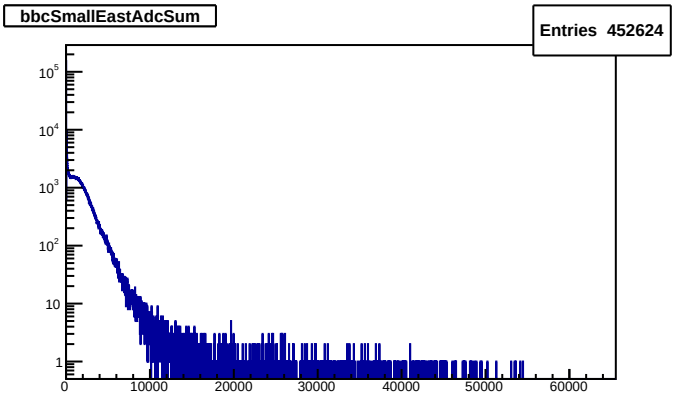

EQ2 QTC
Entries 4.34519e+07
TADC
QT Input Channel

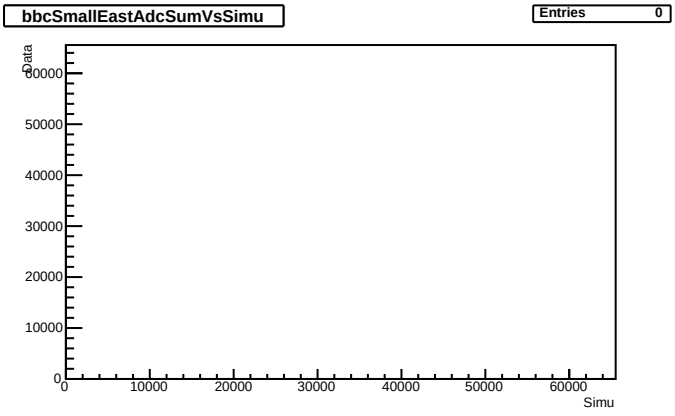

EQ3 QTB
Entries 1.158717e+08
ADC
QT Input Channel

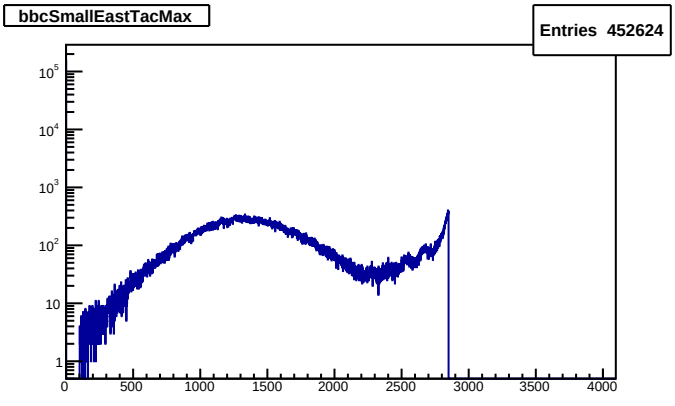

EQ3 QTB
Entries 3.65883e+07
TDC
QT Input Channel

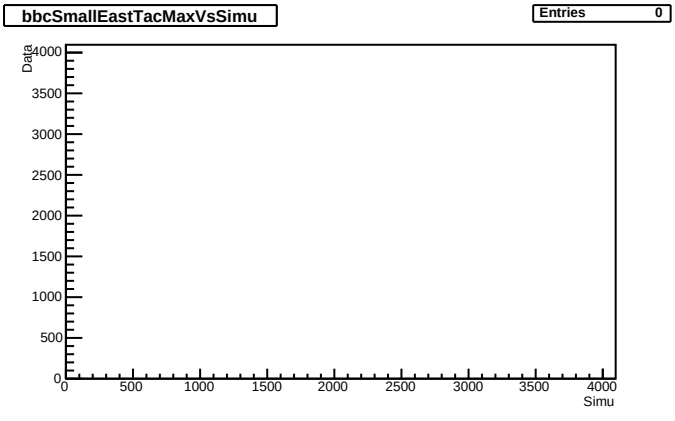

EQ3 QTC
Entries 4.34519e+07
ADC
QT Input Channel

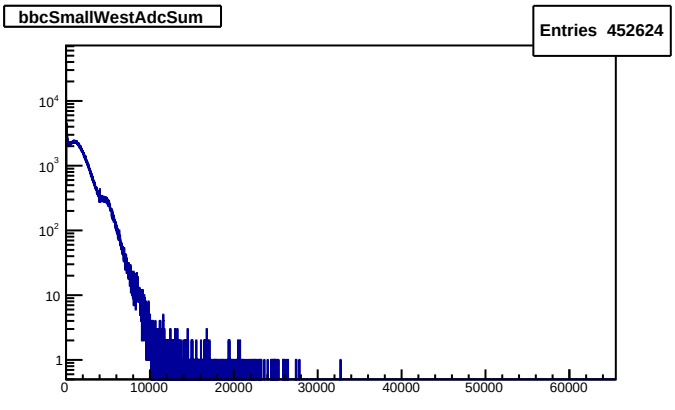

EQ3 QTC
Entries 4.34519e+07
TADC
QT Input Channel

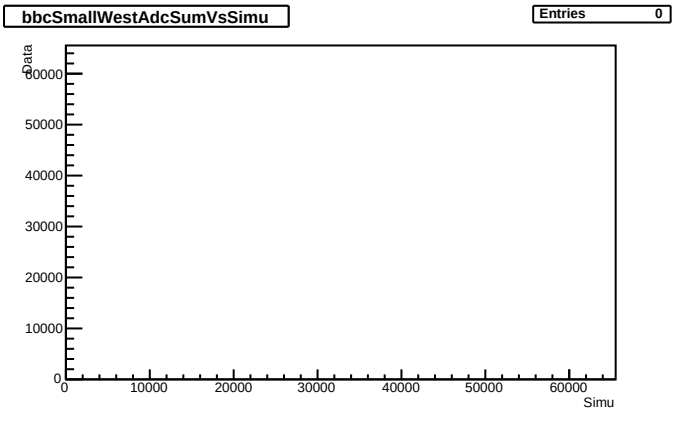

bbcSmallEastAdcSum
Entries 452624

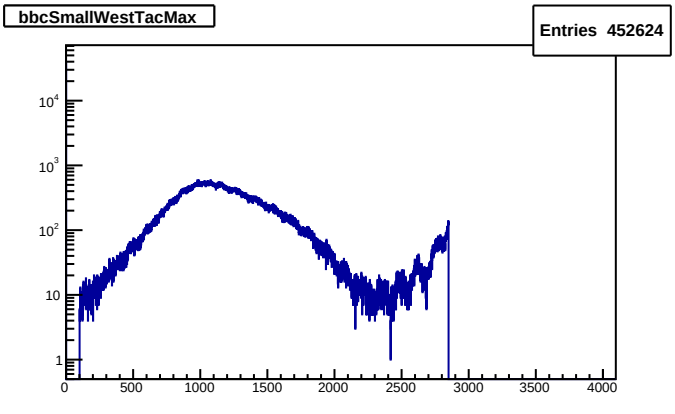

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 452624


bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 452624


bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu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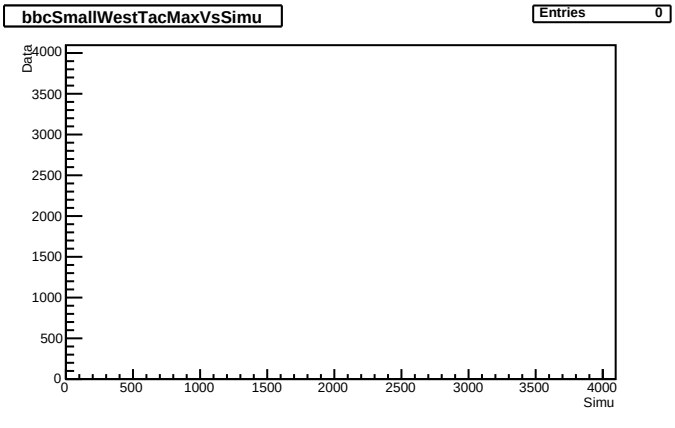
Entries 452624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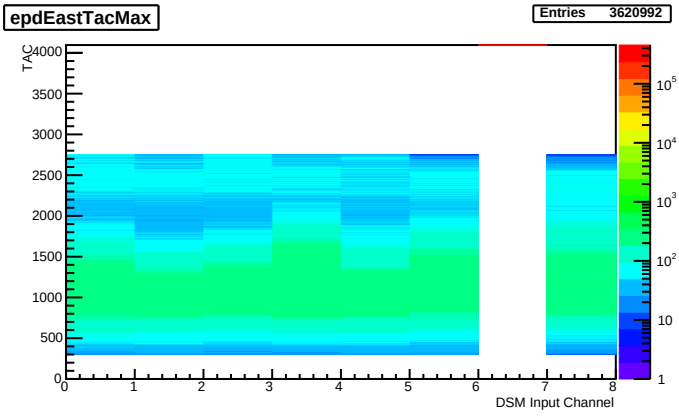
Entries 0
Data
Simu


epdEastTacMax
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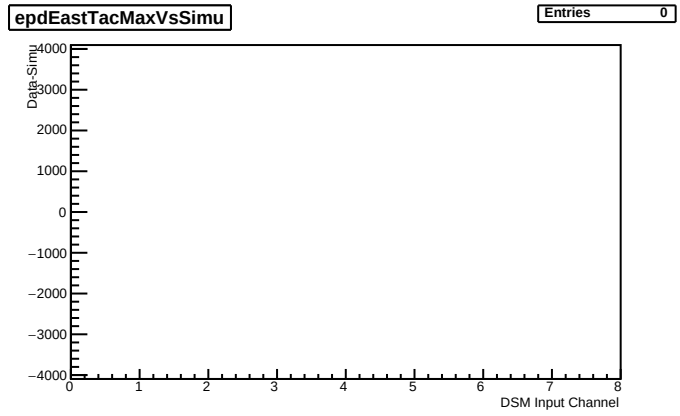
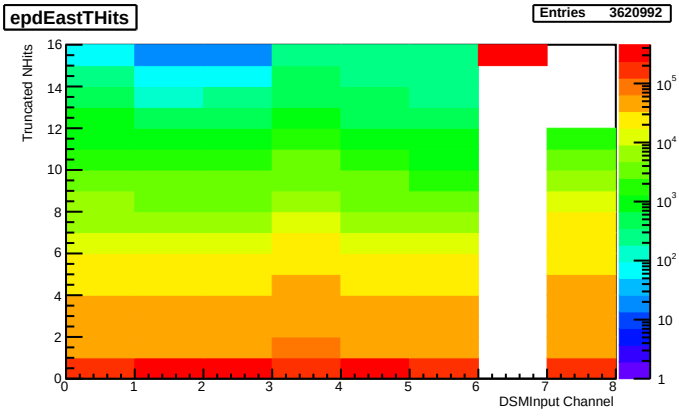
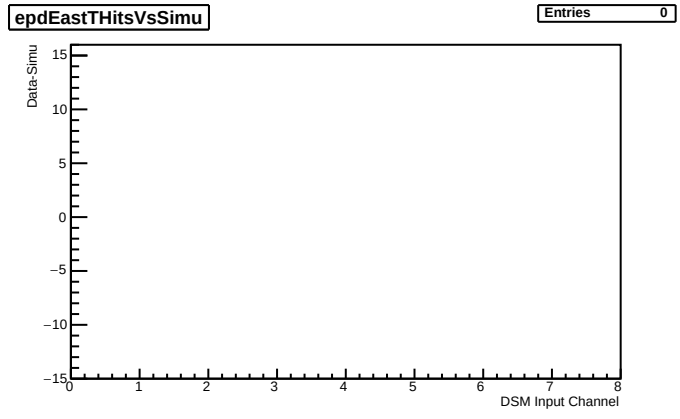
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3620992
Truncated NHits
DSMInput Channel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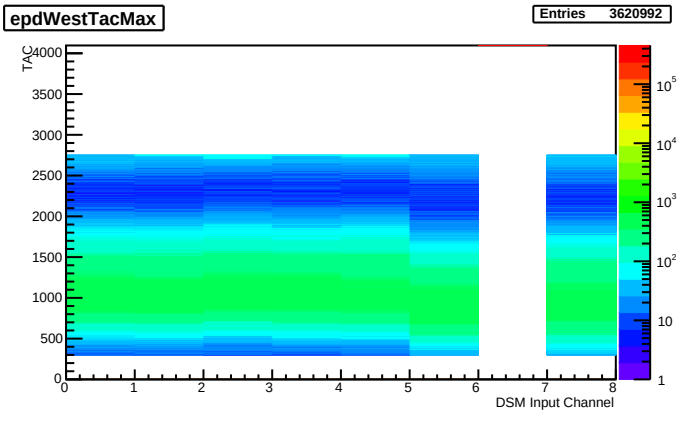
DSM Input Channel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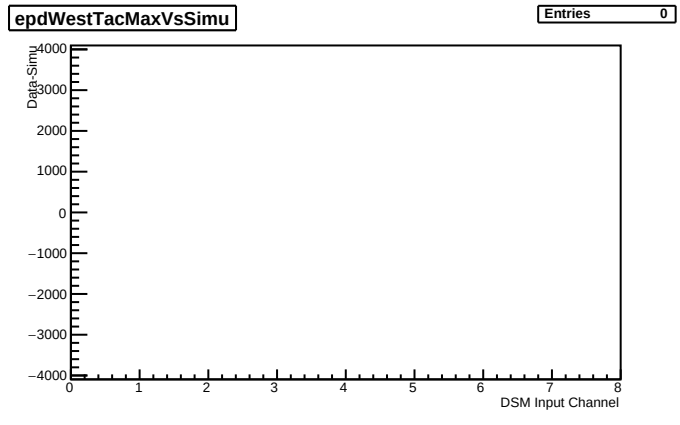
DSM Input Channel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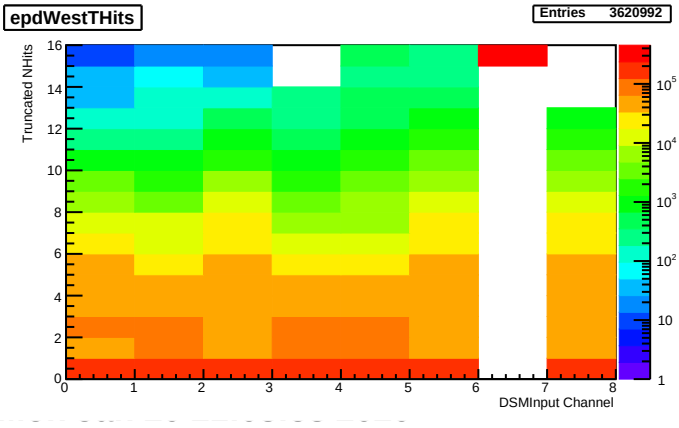
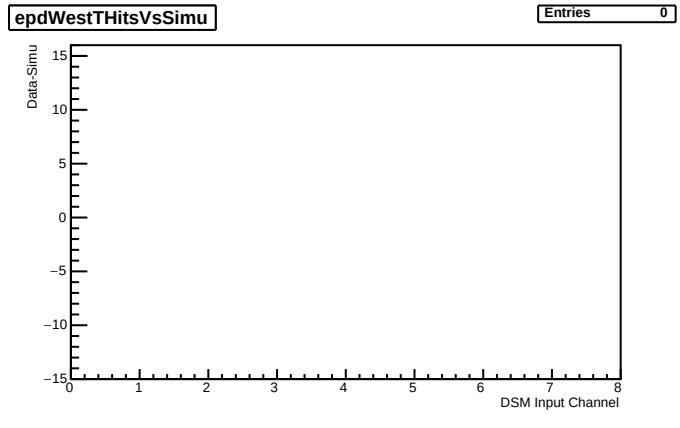
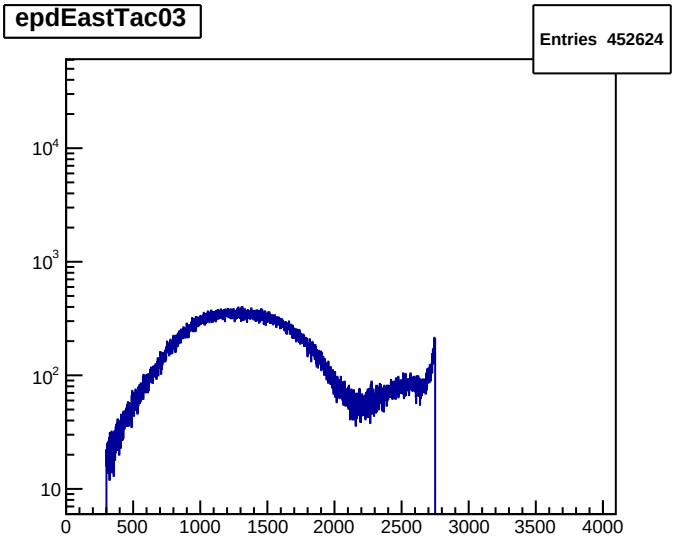
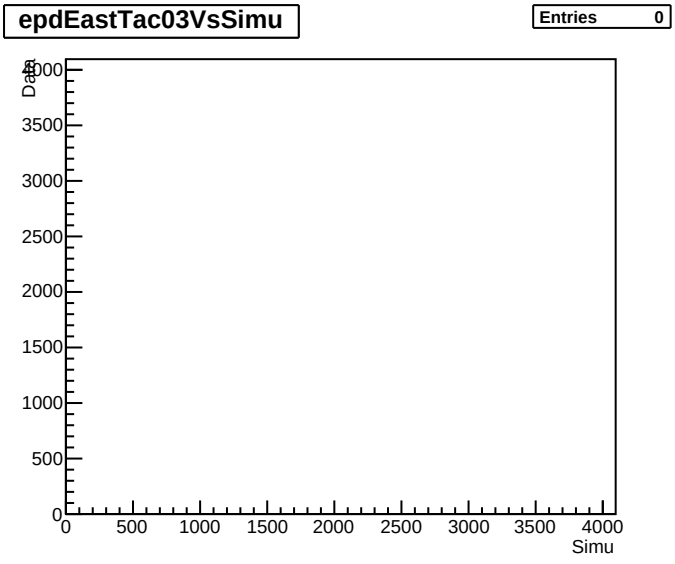
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3620992
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 452624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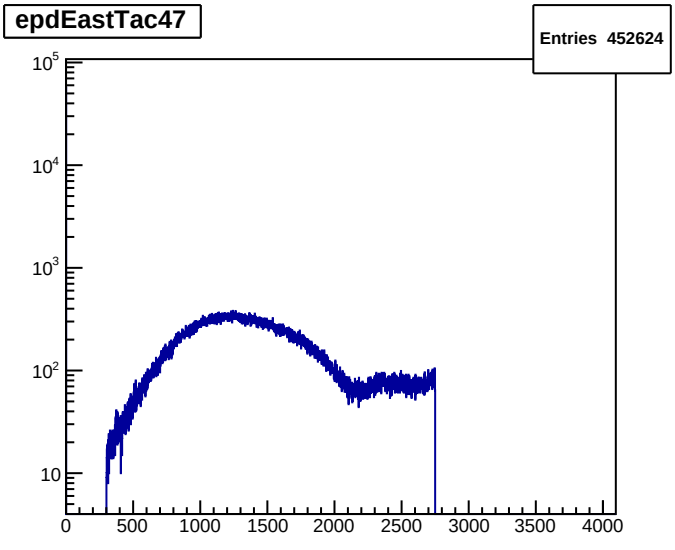
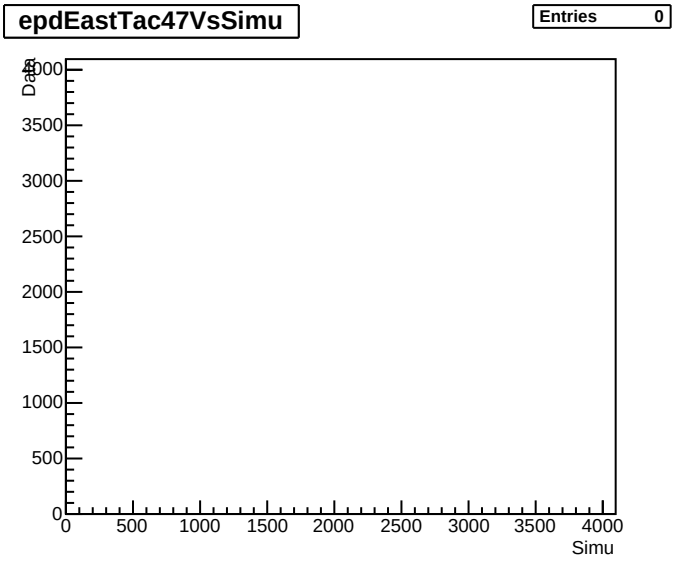
Entries 0
Data
Simu


epdEastTac47
Entries 452624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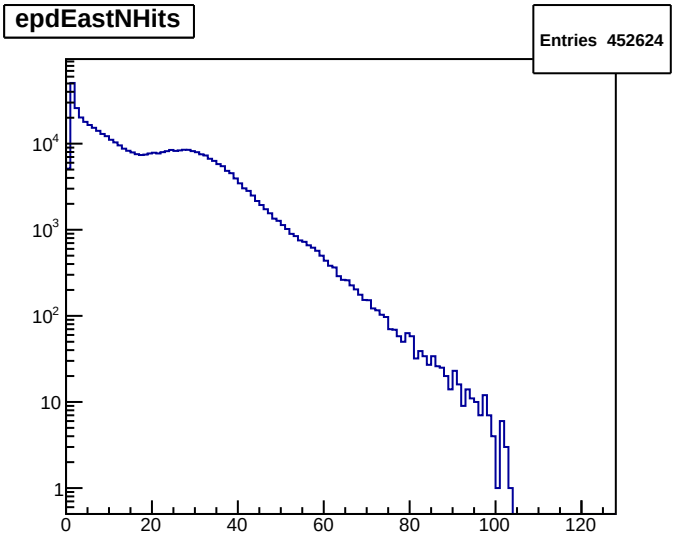
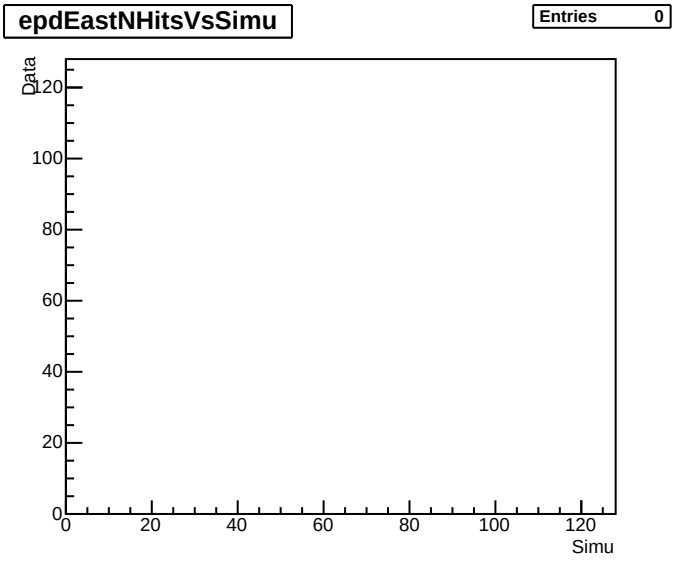
Entries 0
Data
Simu


epdEastNHits
Entries 452624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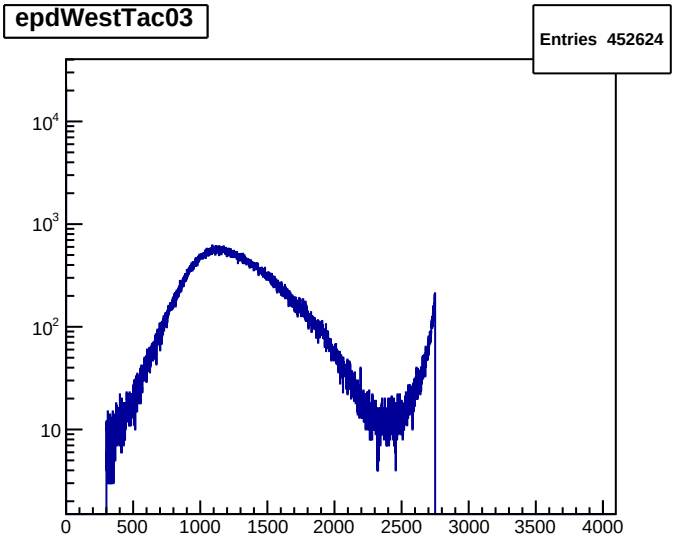
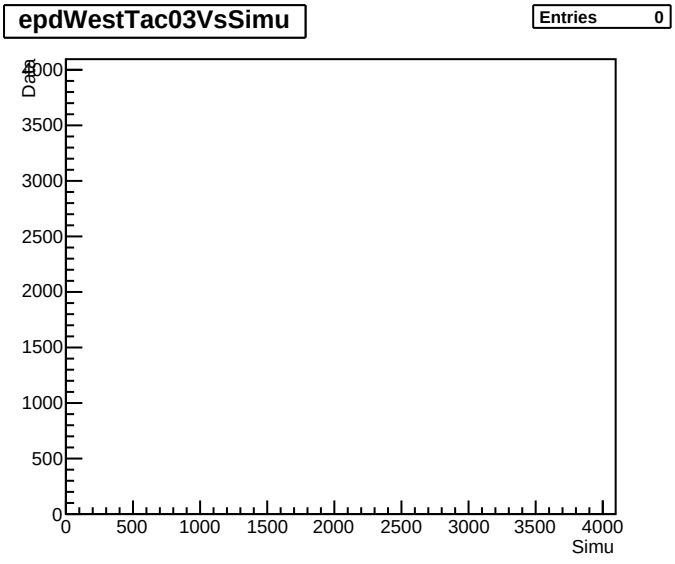
Entries 0
Data
Simu


epdWestTac03
Entries 452624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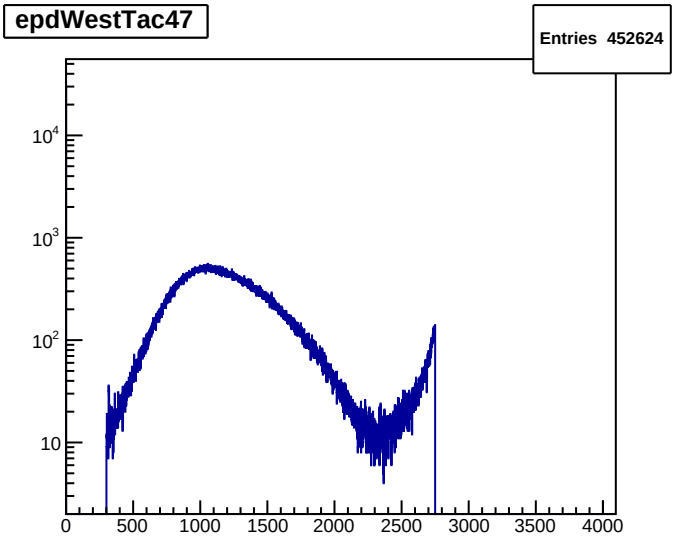
Entries 0
Data
Simu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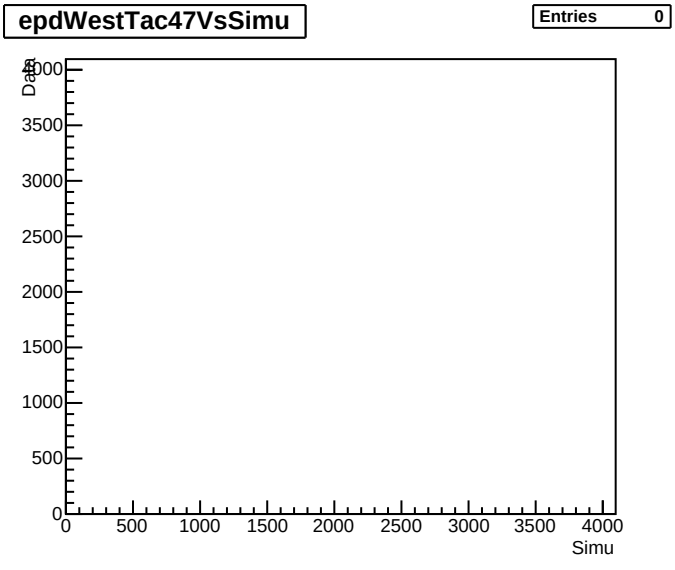
Entries 452624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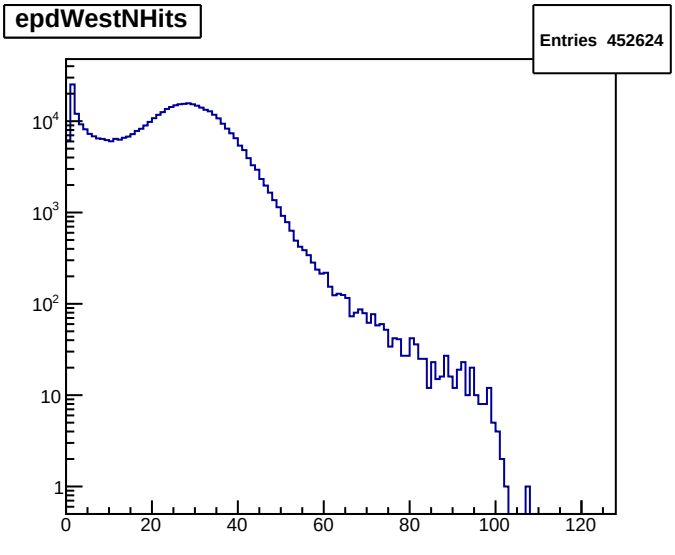
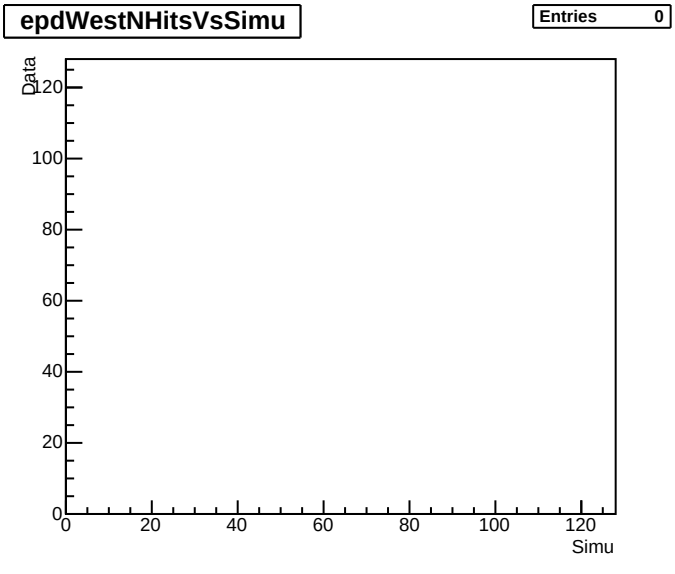
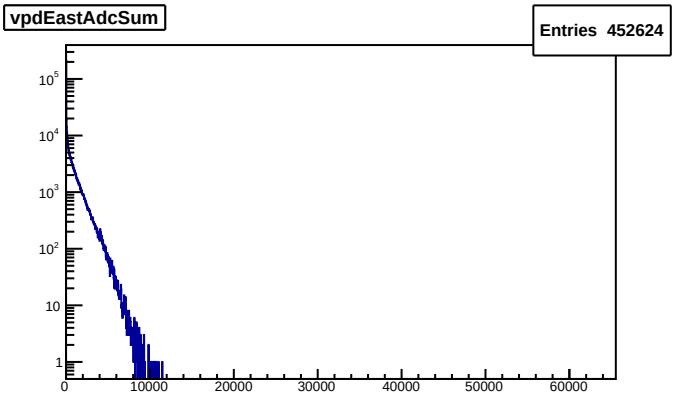
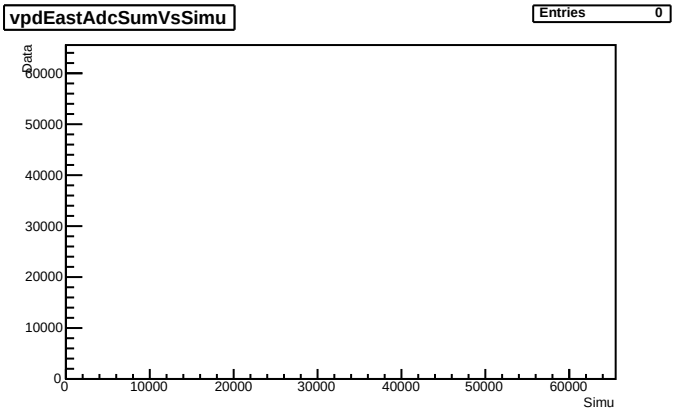
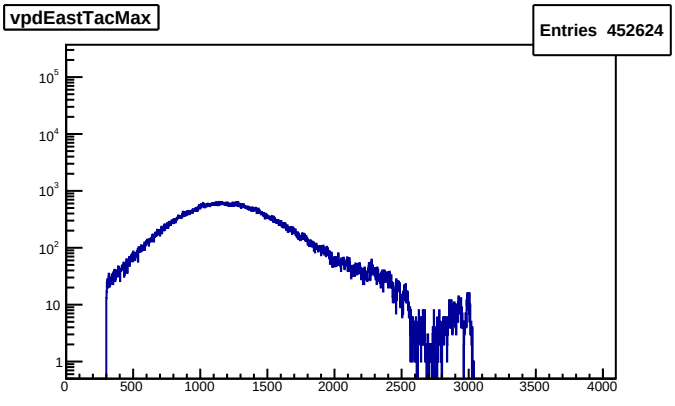
Entries 0
Data
Simu

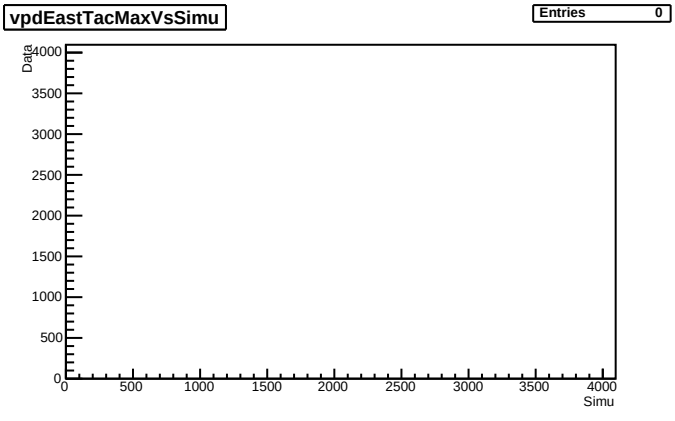

epdWestNHits
Entries 452624


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 452624


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 452624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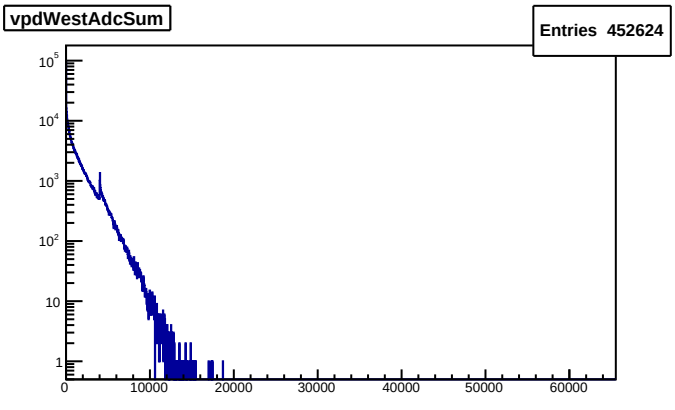
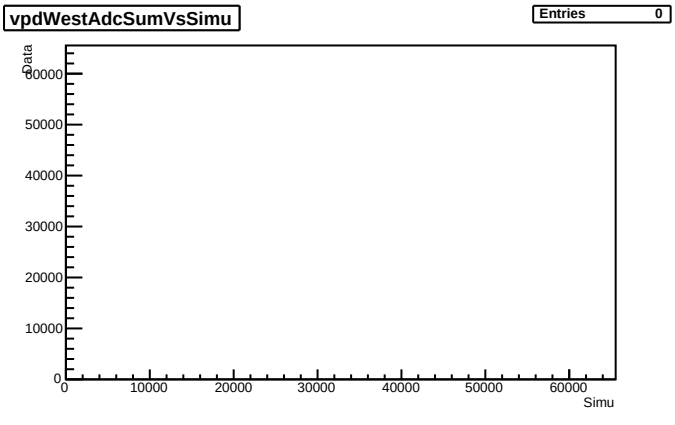
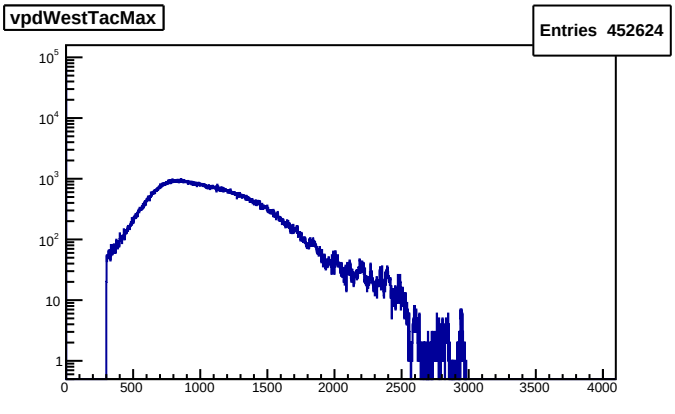
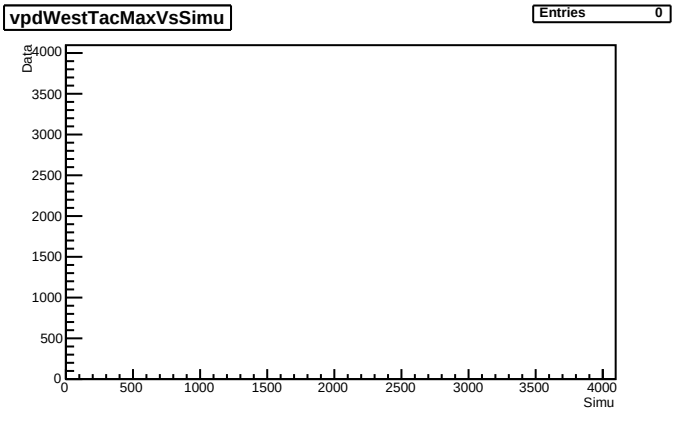
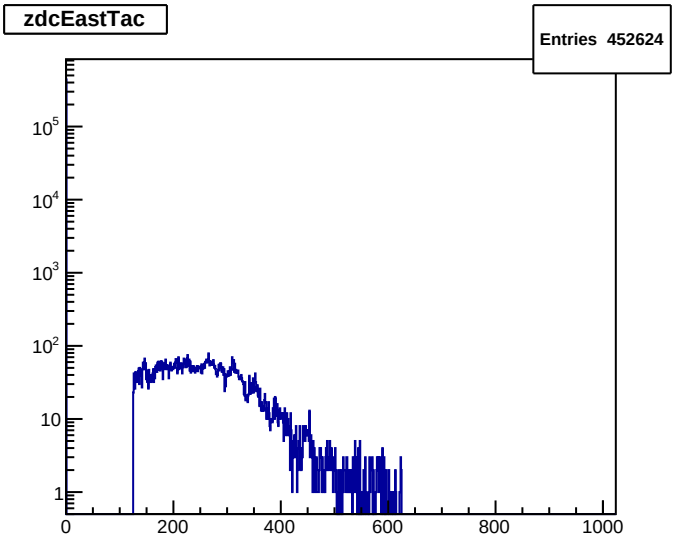
Entries 0
Data
Simu

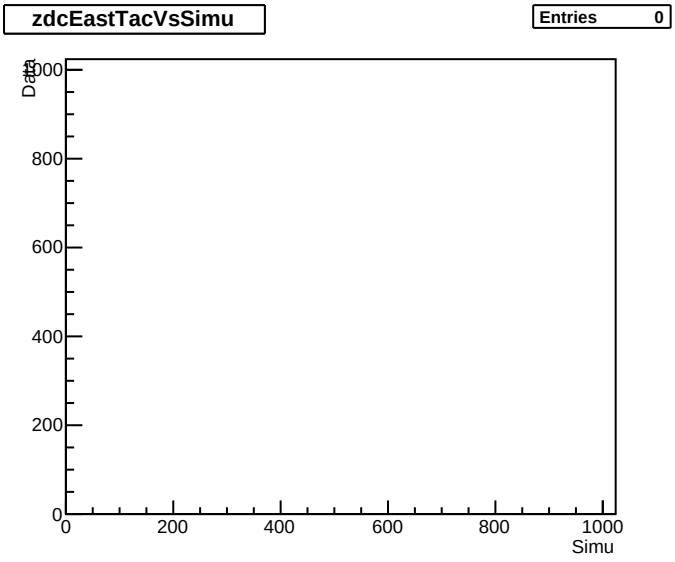

vpdWestAdcSum
Entries 452624

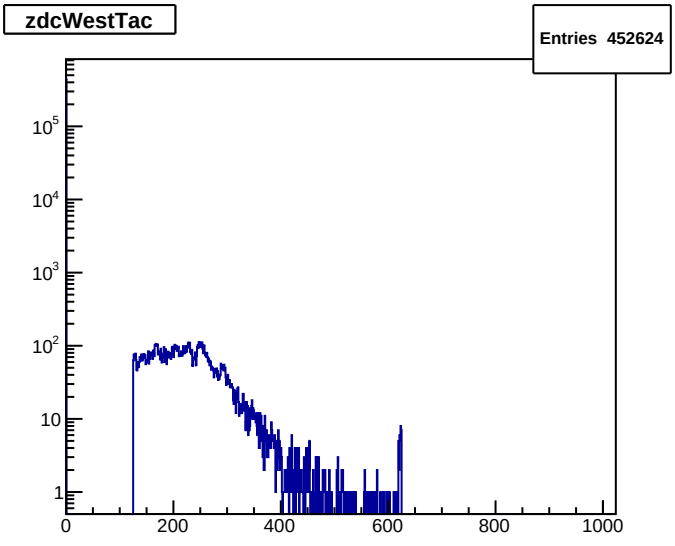

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

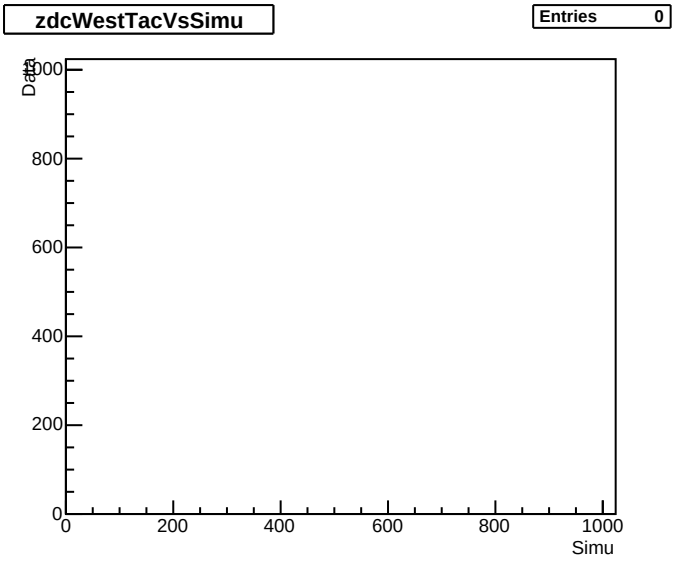

vpdWestTacMax
Entries 452624

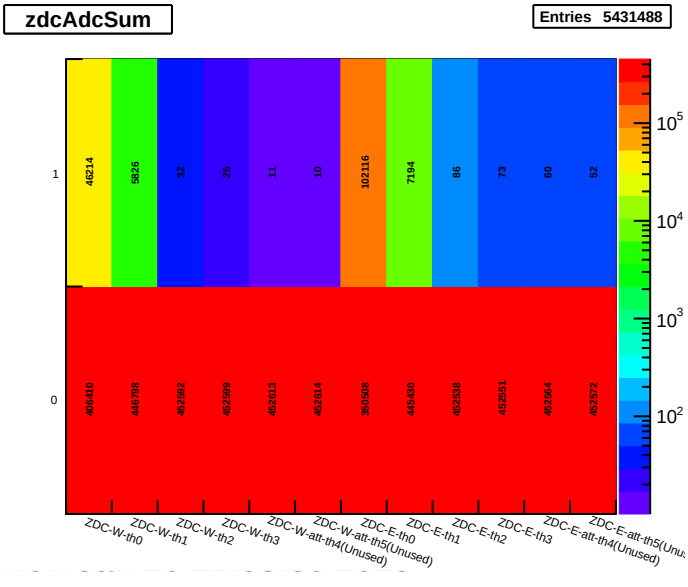

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

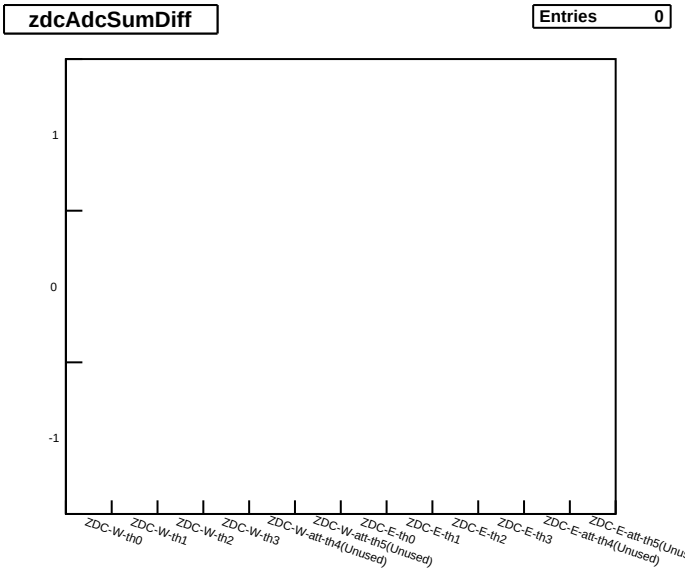

zdcEastTac
Entries 452624
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

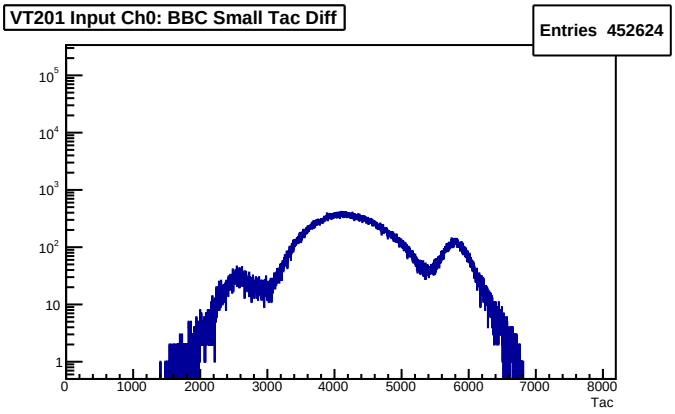

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

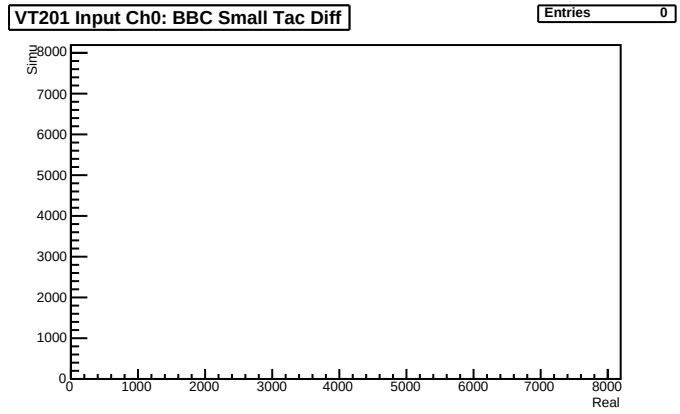

zdcWestTac
Entries 452624
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

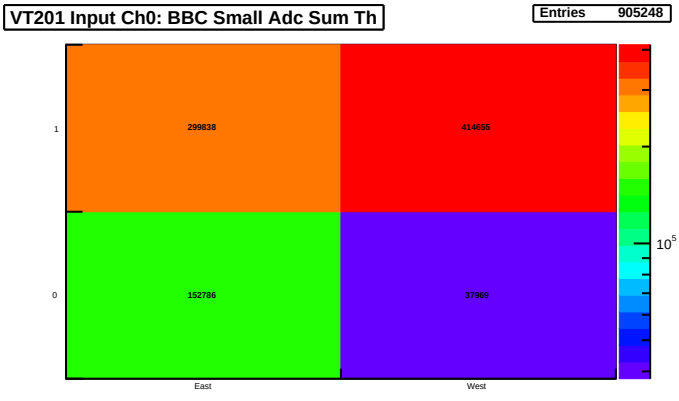

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

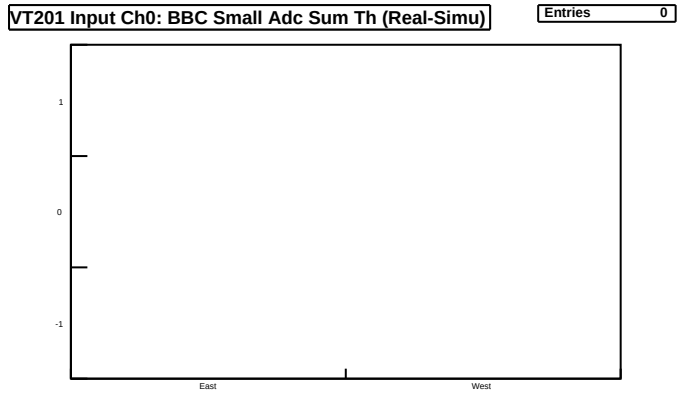

zdcAdcSum
Entries 5431488
1
0
46214
5626
32
25
11
10
102116
7194
86
73
60
52
406410
446798
452592
452599
452613
452614
350508
445430
452538
452551
452564
452572
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

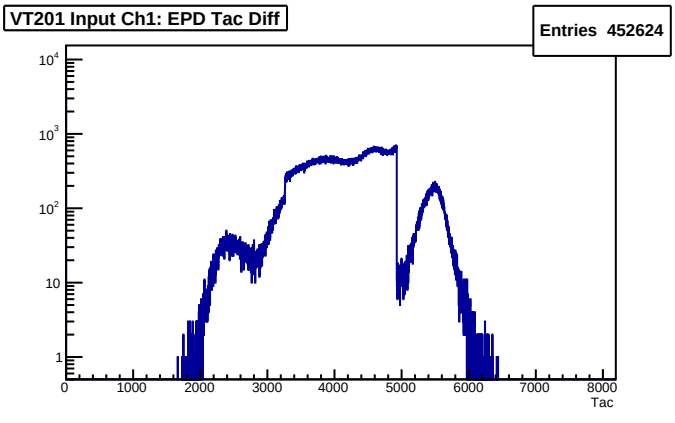

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

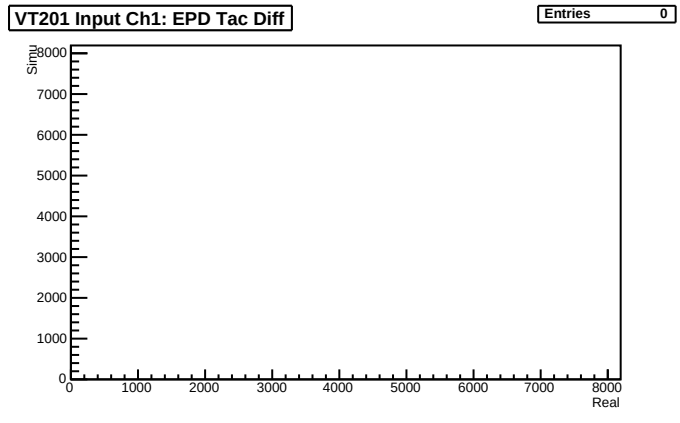

VT201 Input Ch0: BBC Small Tac Diff
Entries 452624
Tac

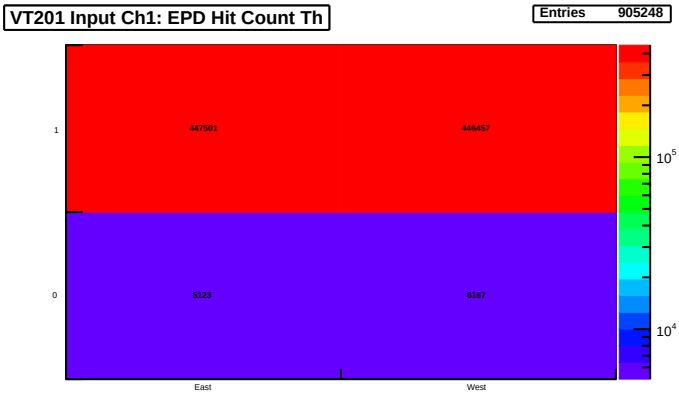

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

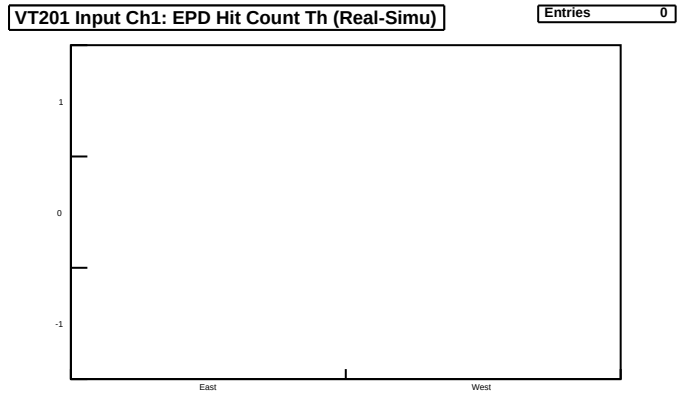

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 905248
299838
414655
152786
37969
East
West

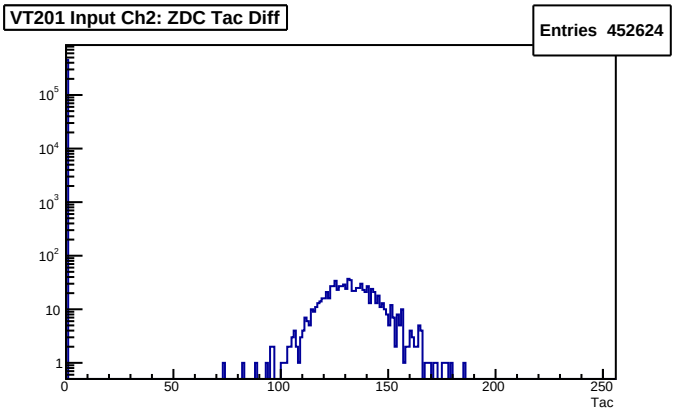

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

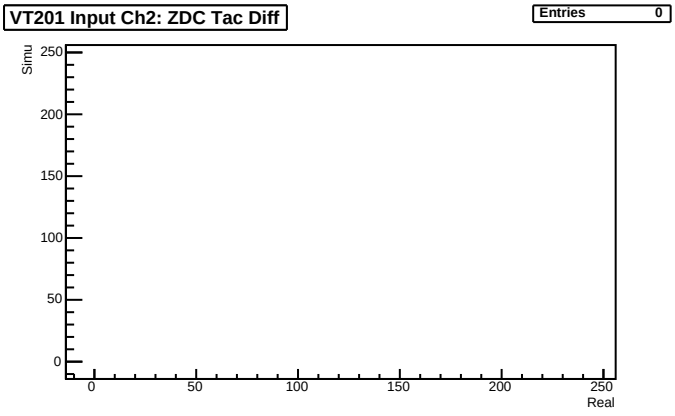

VT201 Input Ch1: EPD Tac Diff
Entries 452624
Tac

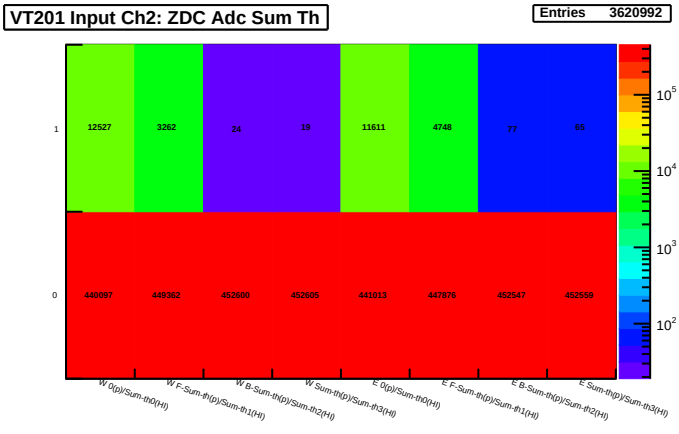

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

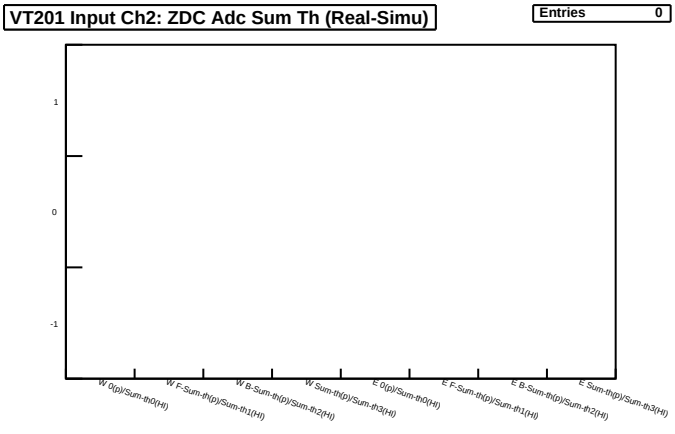

VT201 Input Ch1: EPD Hit Count Th
Entries 905248
447501
446457
5123
6167
East
West

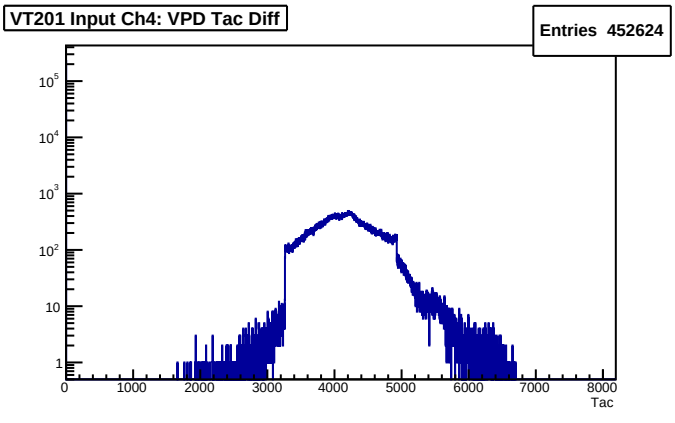

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

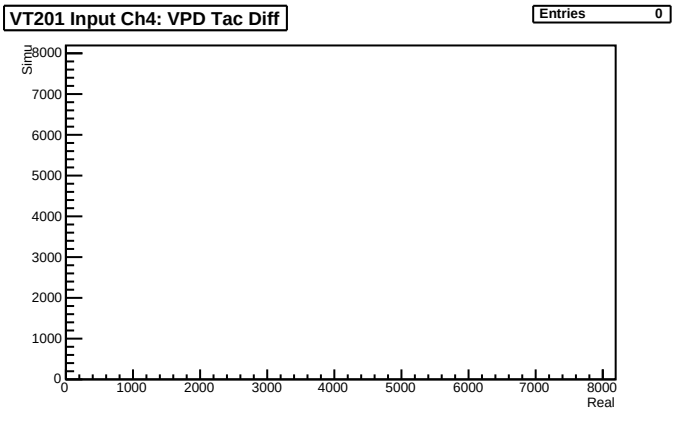

VT201 Input Ch2: ZDC Tac Diff
Entries 452624
Tac

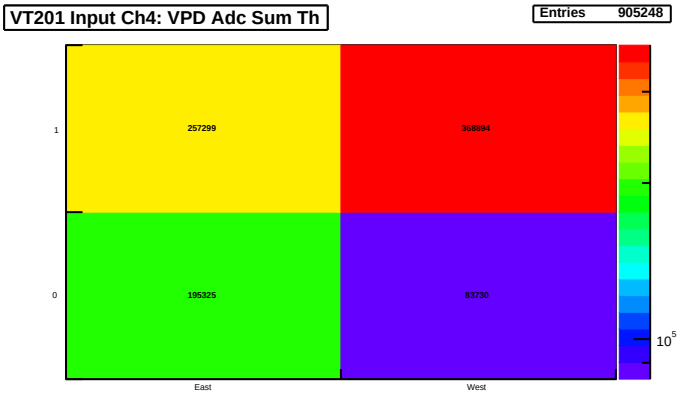

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

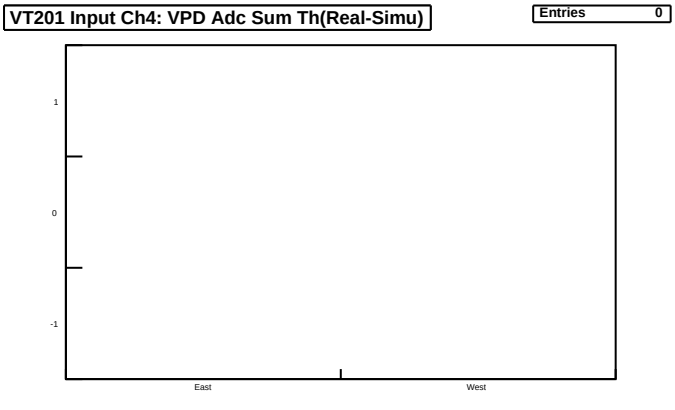

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3620992
12527
3262
24
19
11611
4748
77
65
440097
449362
452600
452605
441013
447876
452547
452559
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

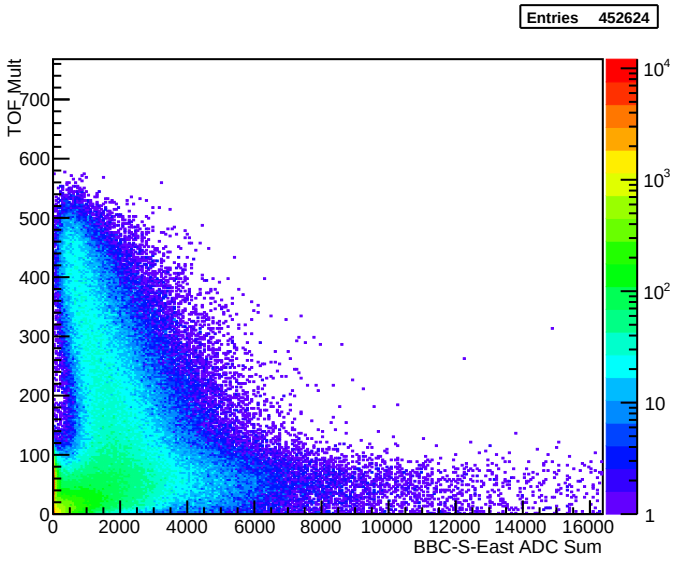

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

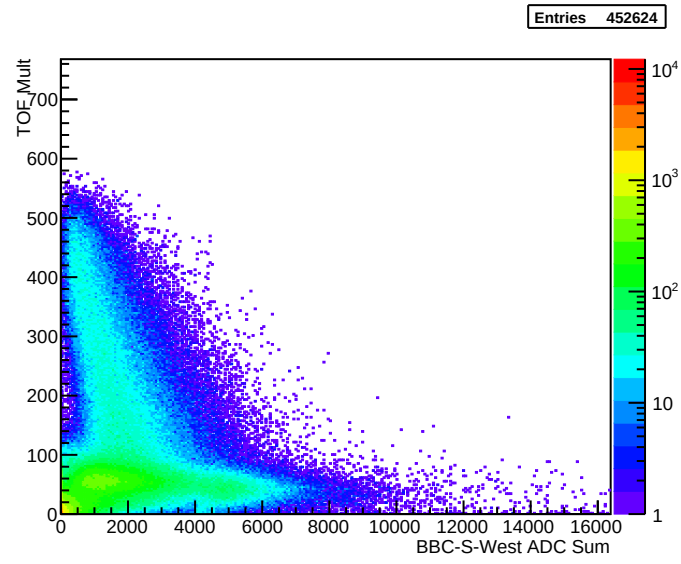

VT201 Input Ch4: VPD Tac Diff
Entries 452624
Tac

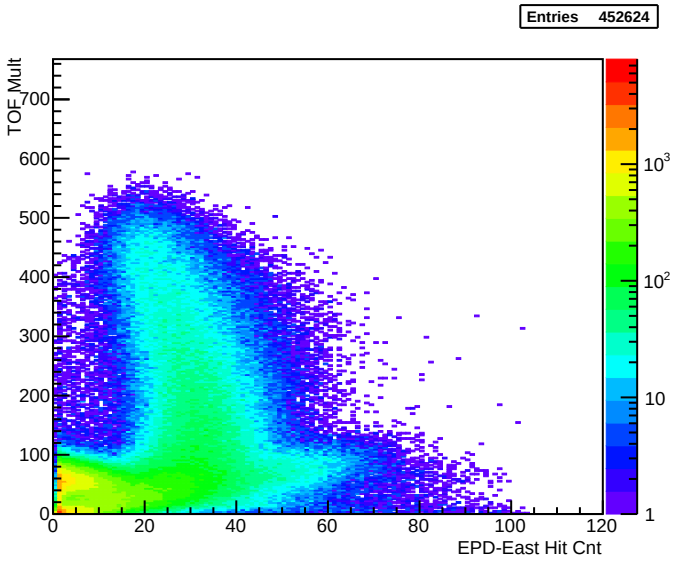

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

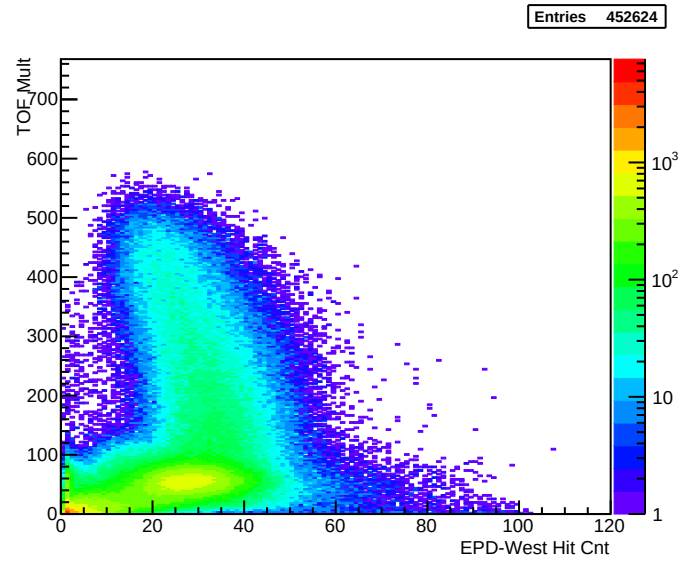

VT201 Input Ch4: VPD Adc Sum Th
Entries 905248
257299
368894
195325
83730
East
West

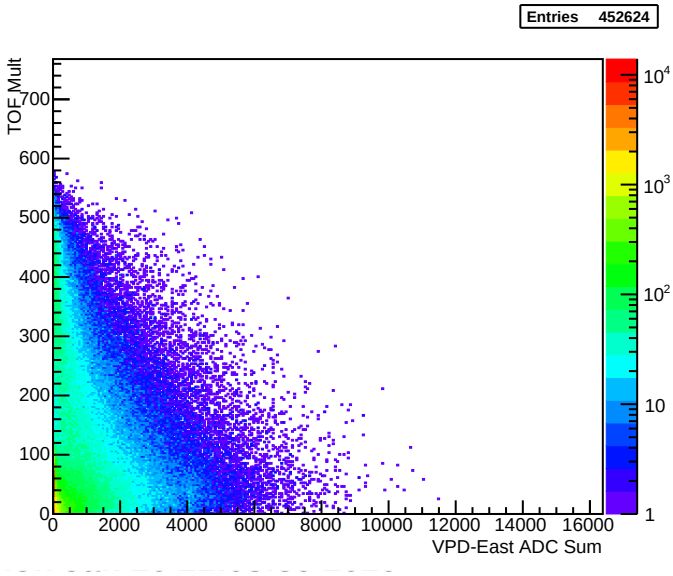

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

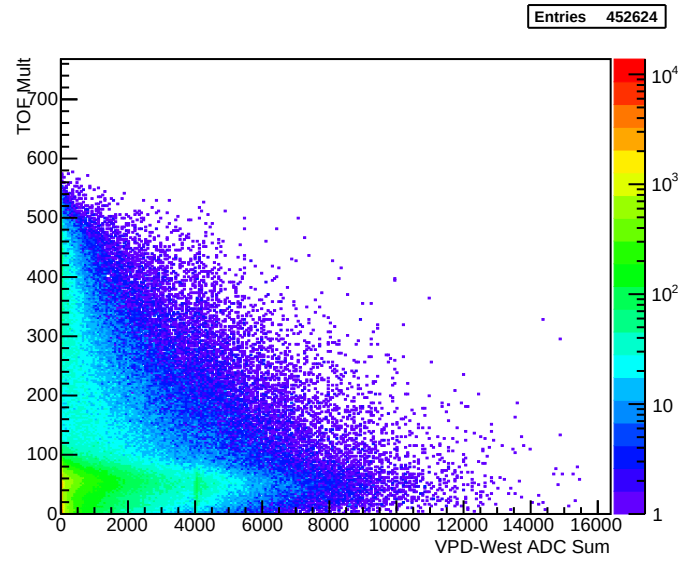

Entries 452624
TOF_Mult
BBC-S-East ADC Sum

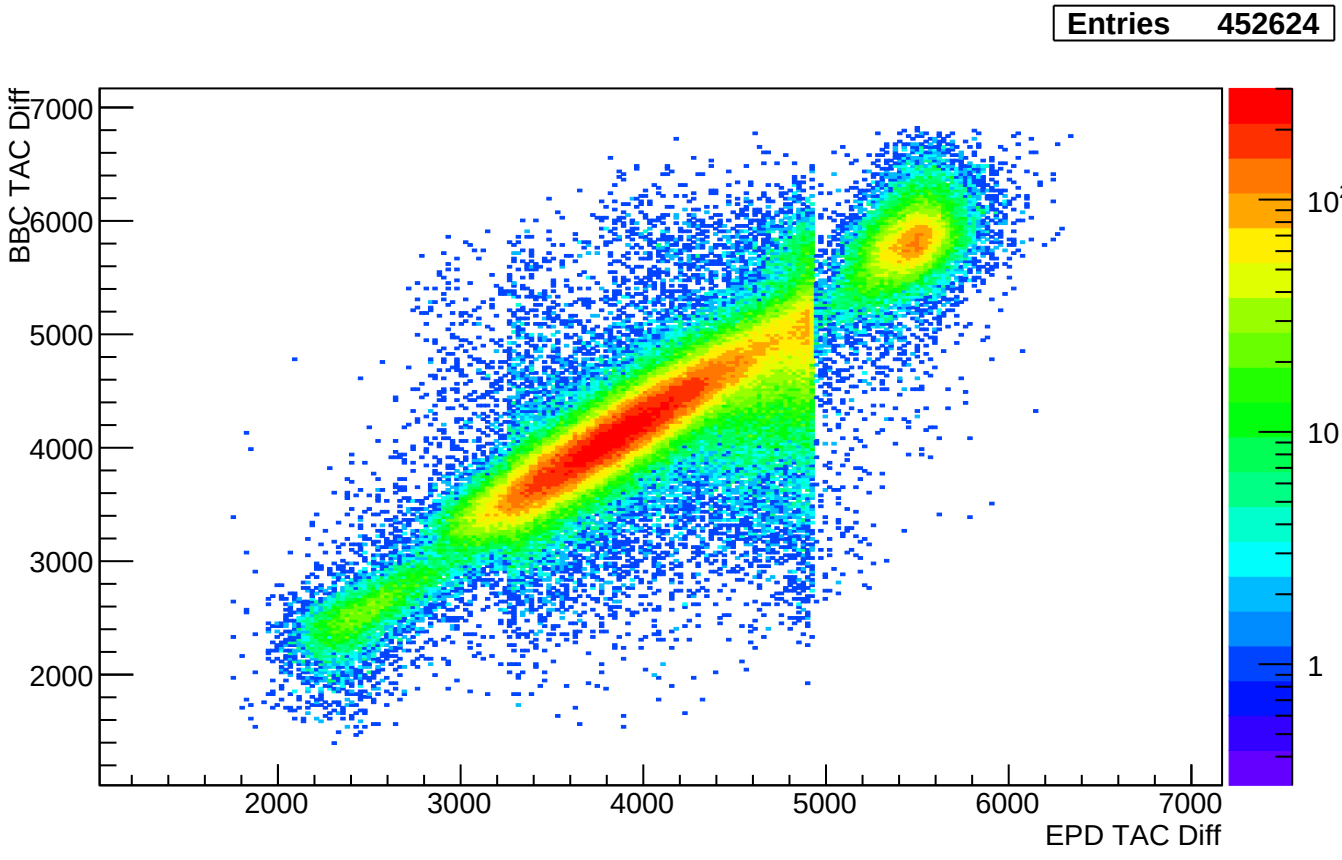

Entries 452624
TOF_Mult
BBC-S-West ADC Sum

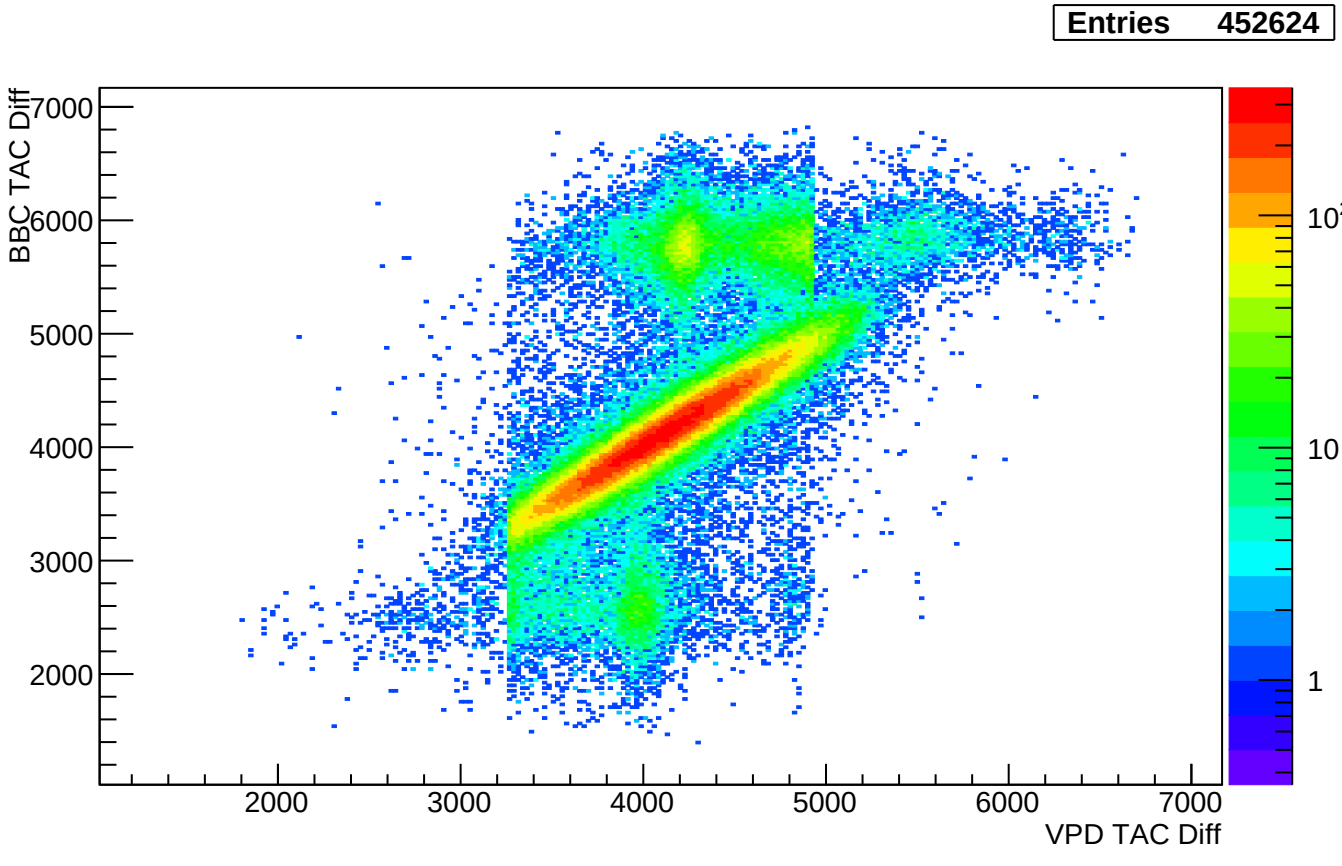

Entries 452624
TOF_Mult
EPD-East Hit Cnt

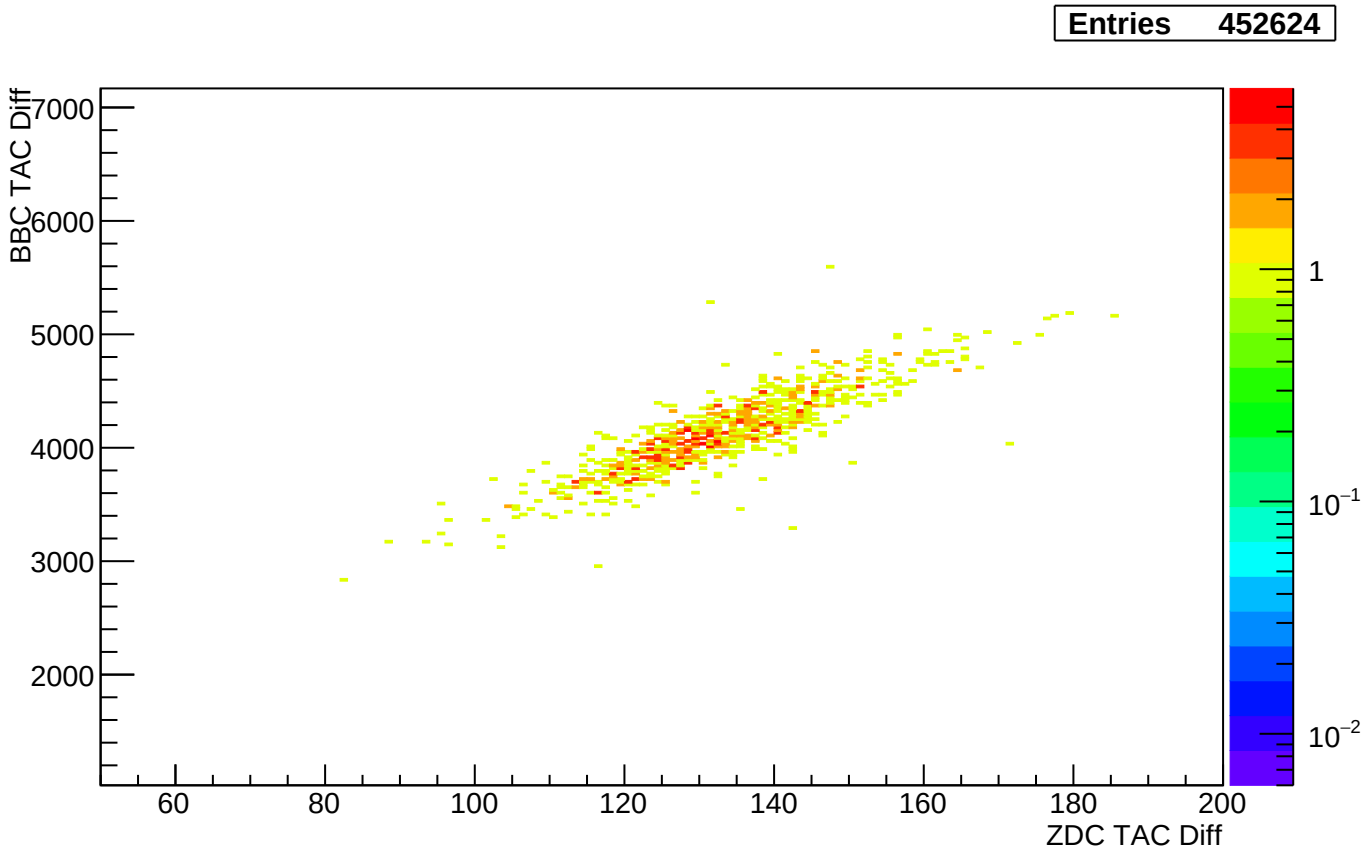

Entries 452624
TOF_Mult
EPD-West Hit Cnt

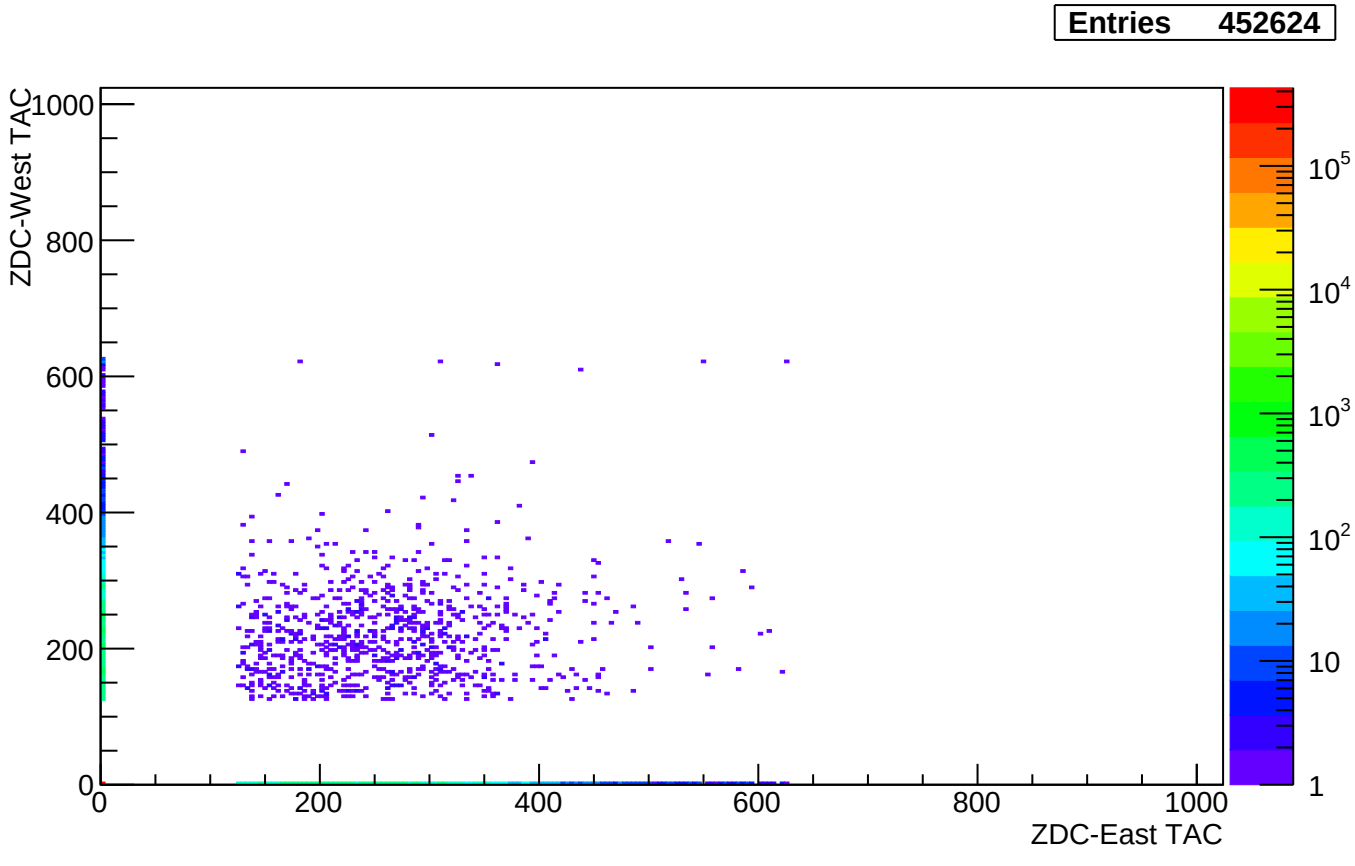

Entries 452624
TOF_Mult
VPD-East ADC Sum

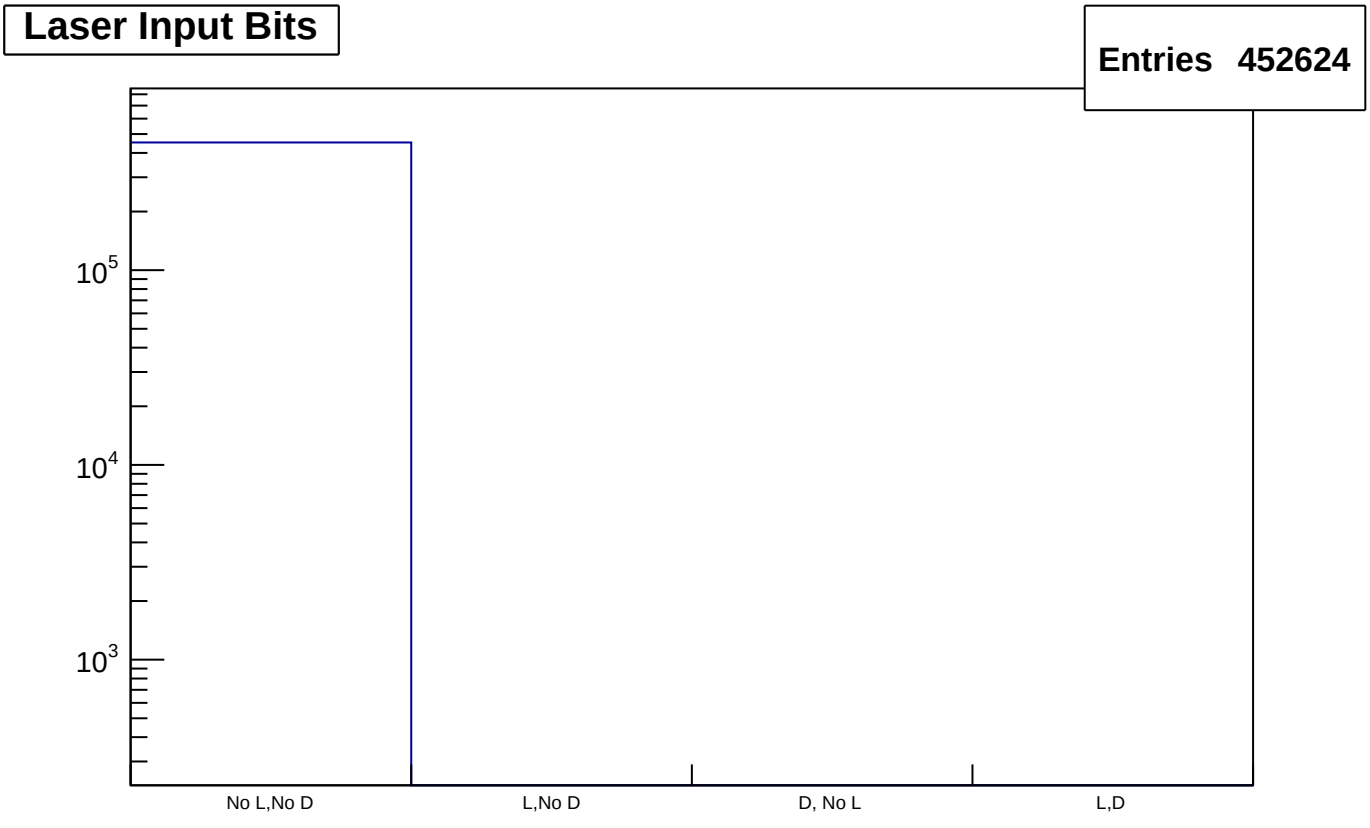

Entries 452624
TOF_Mult
VPD-West ADC Sum

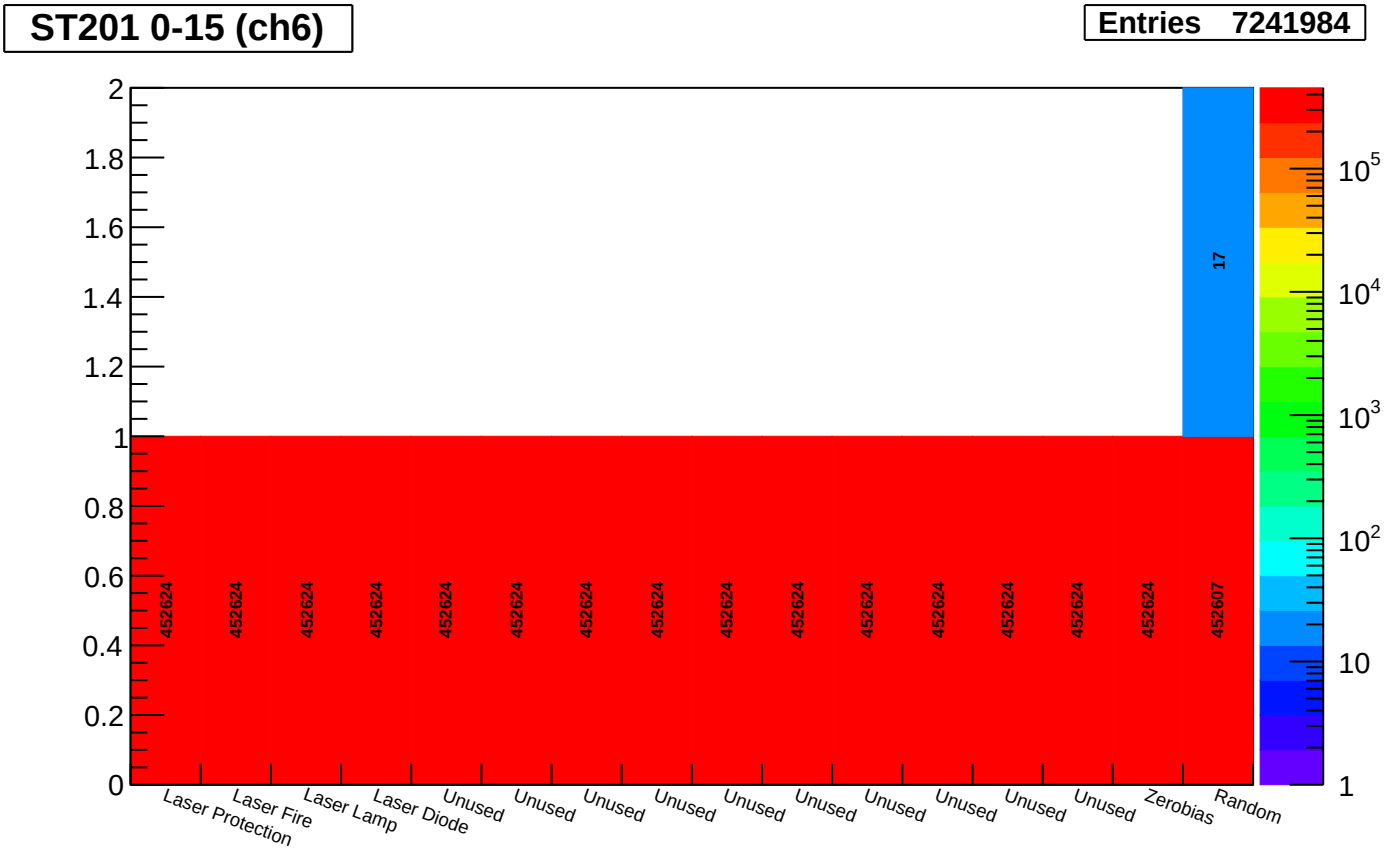

Entries 452624
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

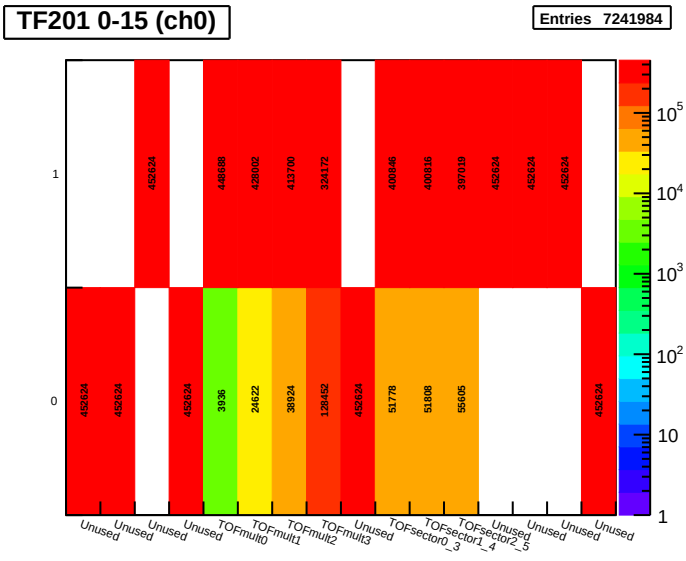

Entries 452624
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

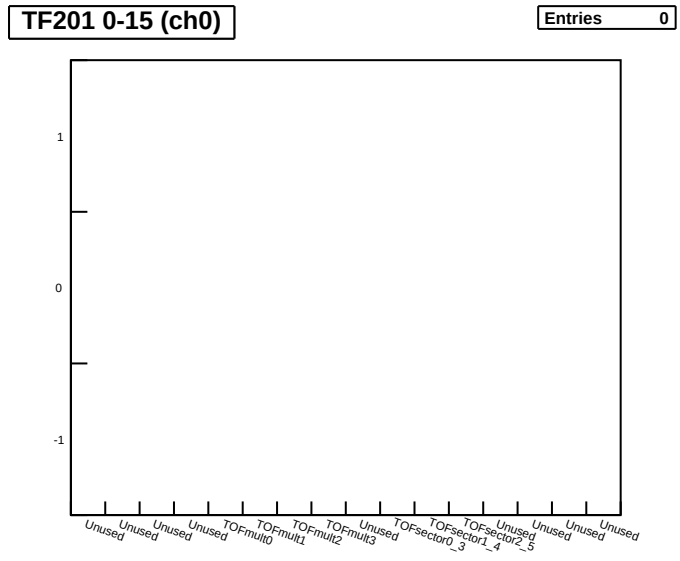

Entries 452624
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

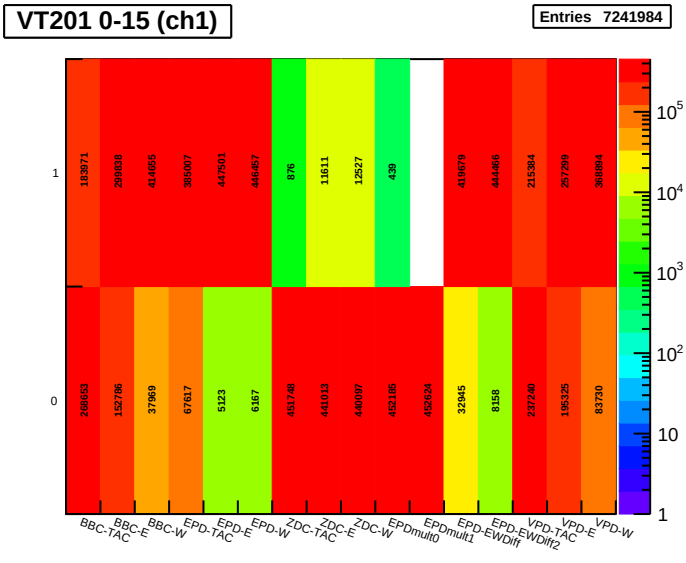

Entries 452624
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

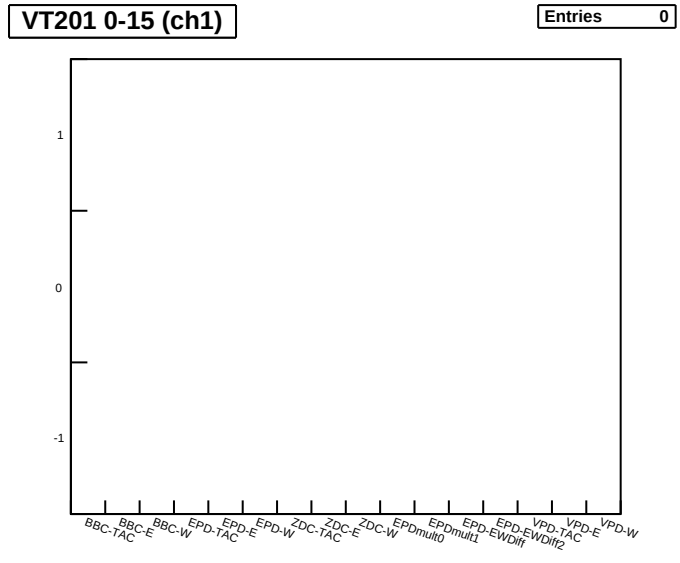

Laser Input Bits
Entries 452624
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

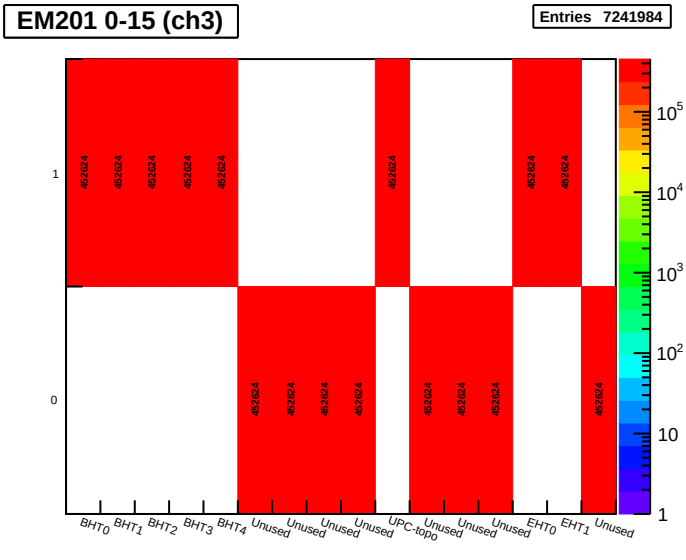

ST201 0-15 (ch6)
Entries 7241984
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452607
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

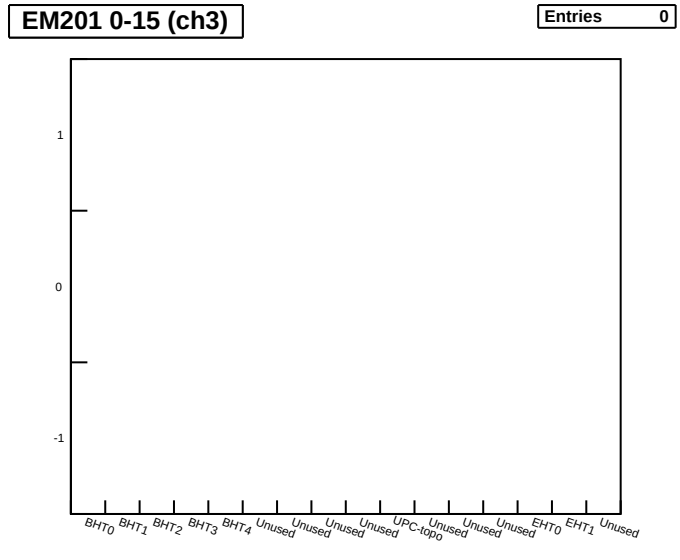

TF201 0-15 (ch0)
Entries 7241984
1
0
452624
448688
428002
413700
324172
400946
400816
397019
452624
452624
452624
452624
452624
452624
452624
3936
24622
38924
128452
452624
51778
51808
55605
452624
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 7241984
1
0
183971
298838
414655
385007
447501
446457
876
11611
12527
439
419679
444466
215384
257299
368884
268653
152786
37969
67617
5123
6167
451748
441013
440097
452185
452624
32945
8158
237240
195325
83730
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 7241984
1
0
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
452624
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