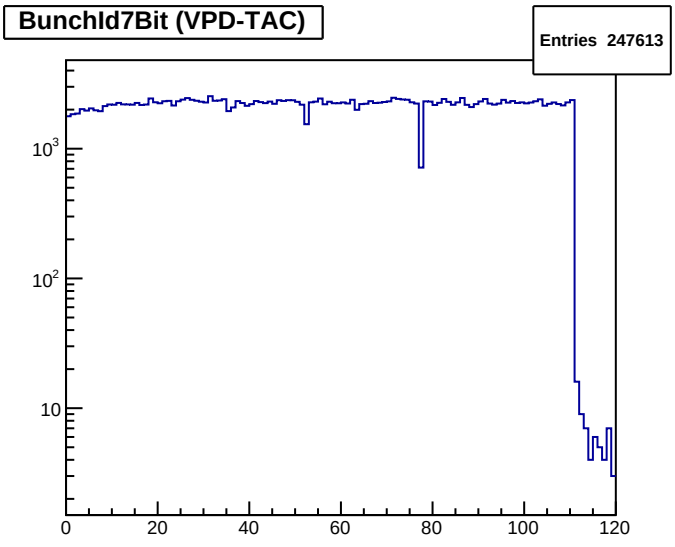
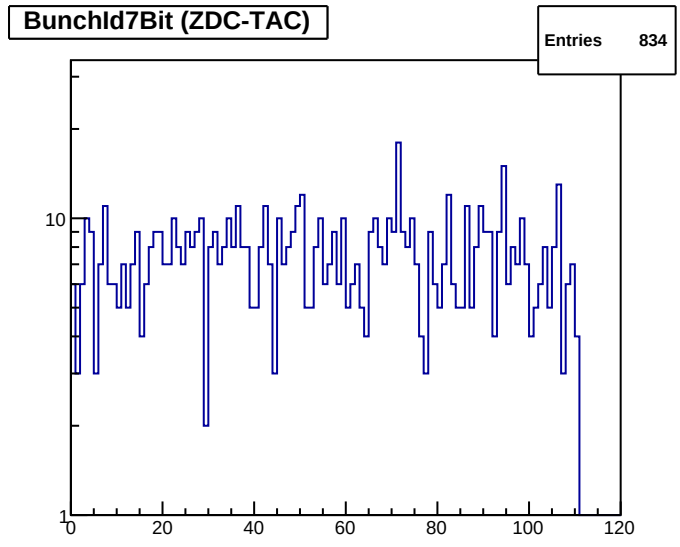
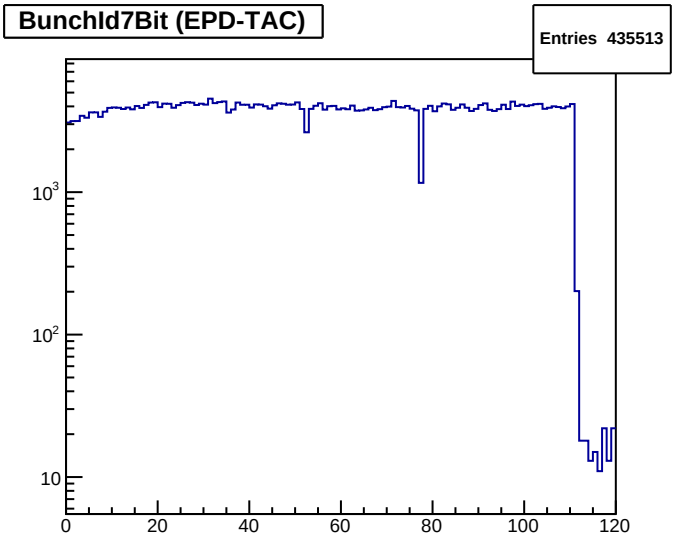
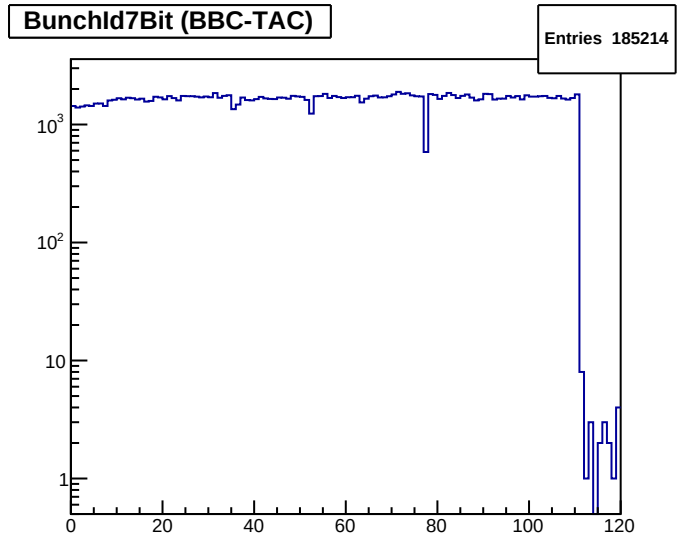
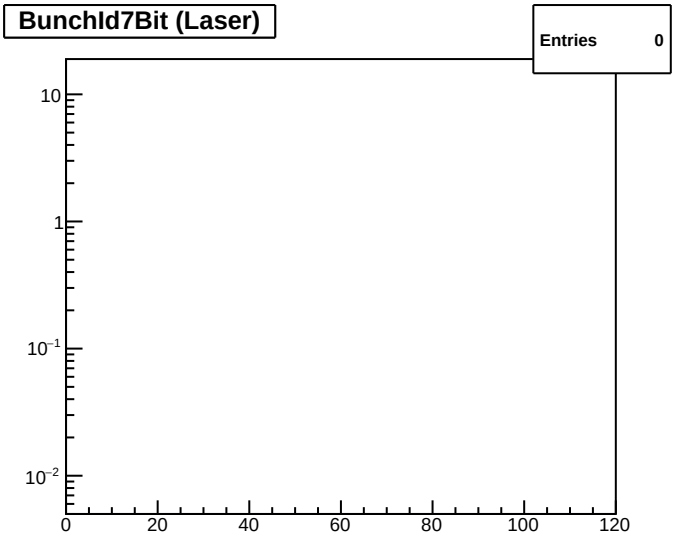
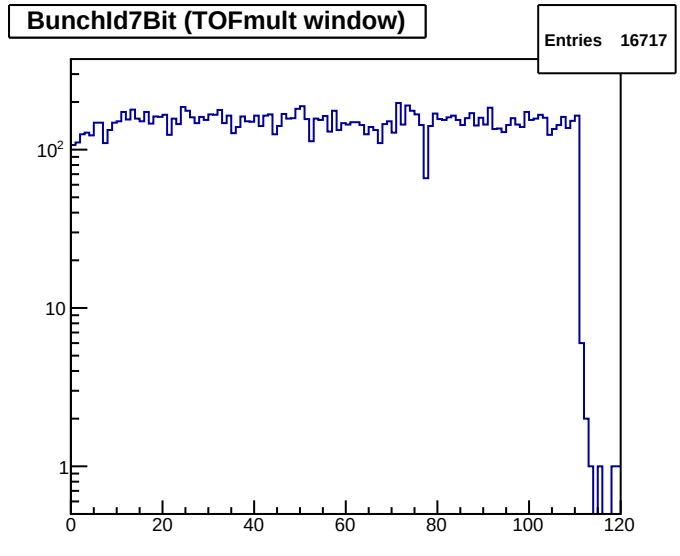

BunchId7Bit (VPD-TAC)
Entries 247613

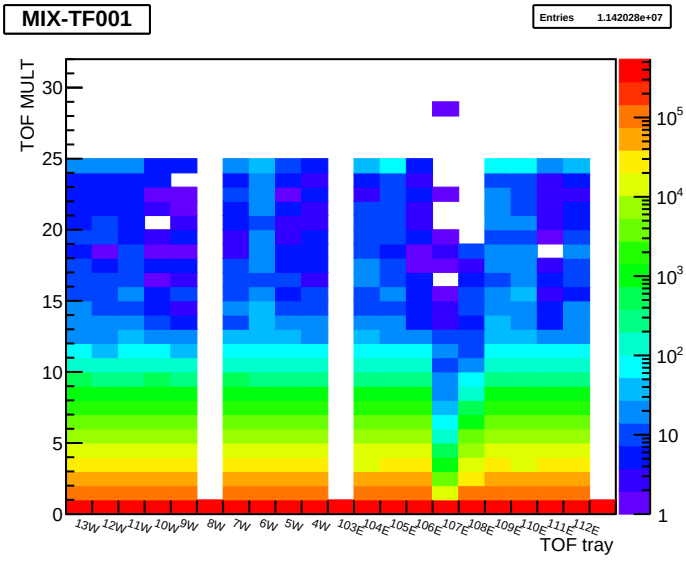

BunchId7Bit (ZDC-TAC)
Entries 834

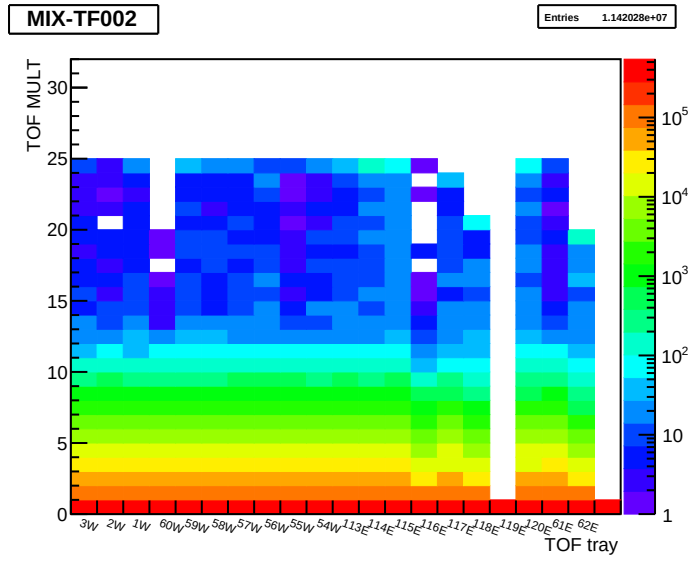

BunchId7Bit (EPD-TAC)
Entries 435513

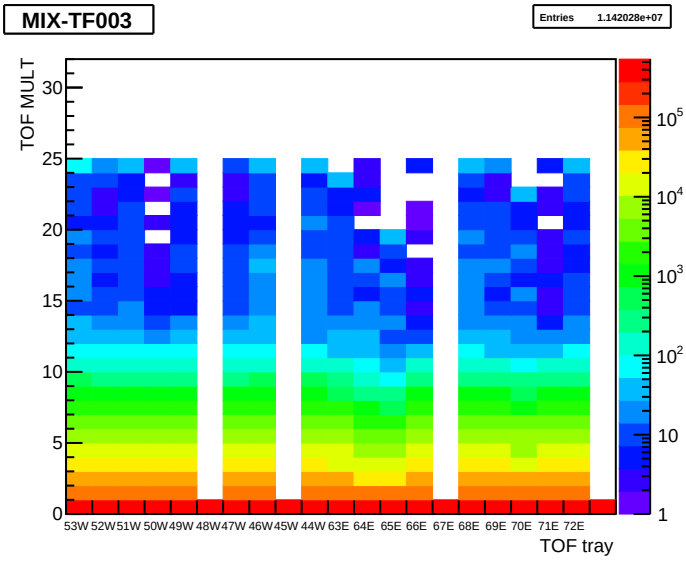

BunchId7Bit (BBC-TAC)
Entries 185214

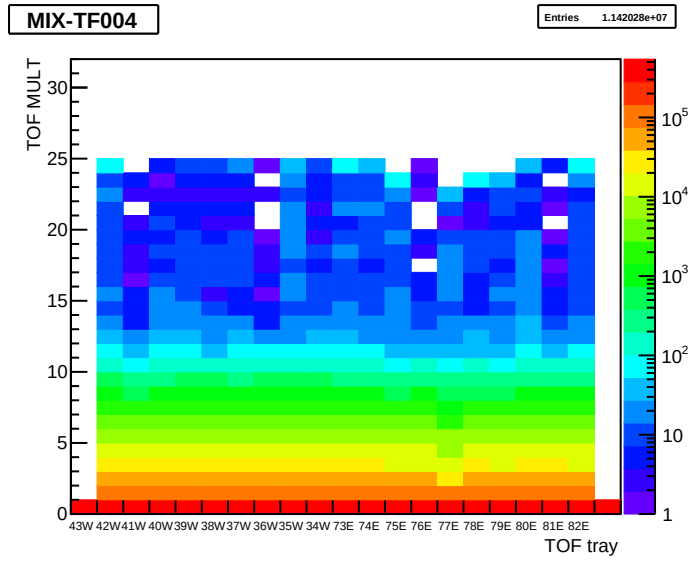

BunchId7Bit (Laser)
Entries 0

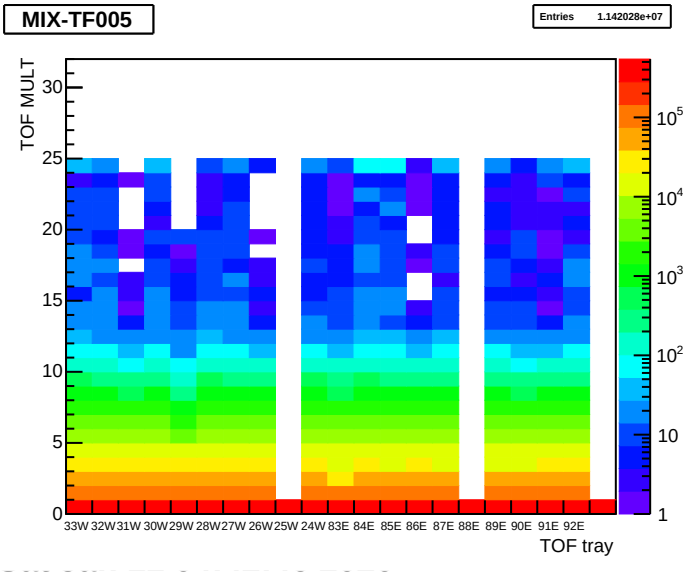

BunchId7Bit (TOFmult window)
Entries 16717

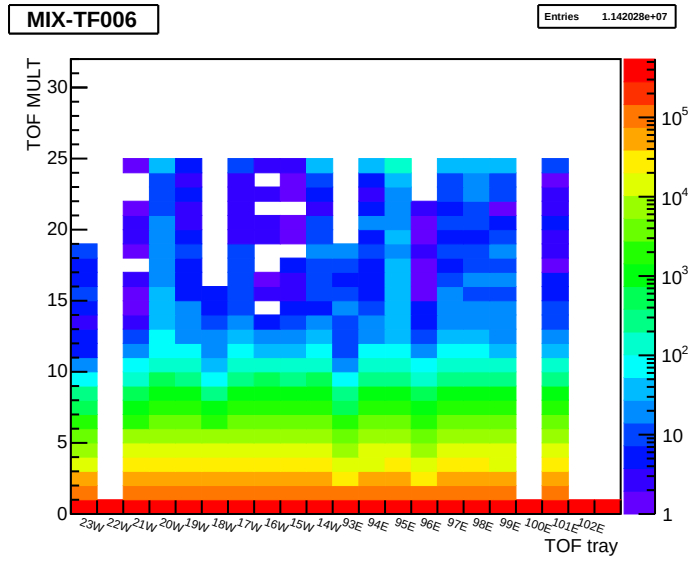

MIX-TF001
Entries 1.142028e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

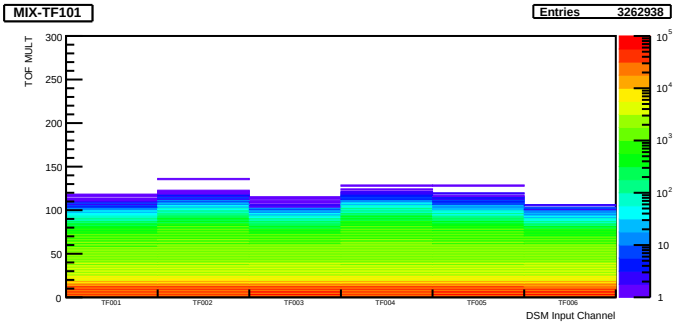

MIX-TF002
Entries 1.142028e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

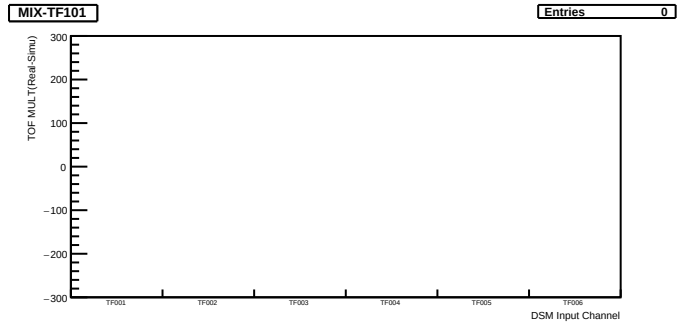

MIX-TF003
Entries 1.142028e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

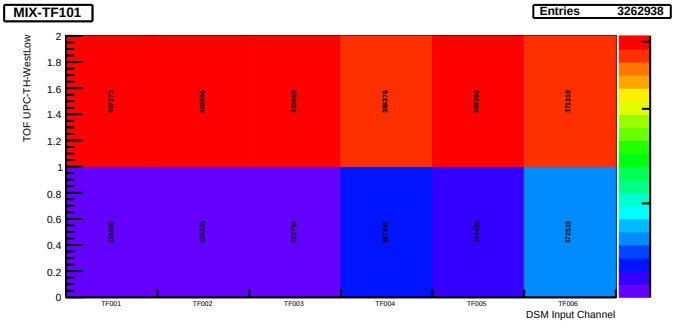

MIX-TF004
Entries 1.142028e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

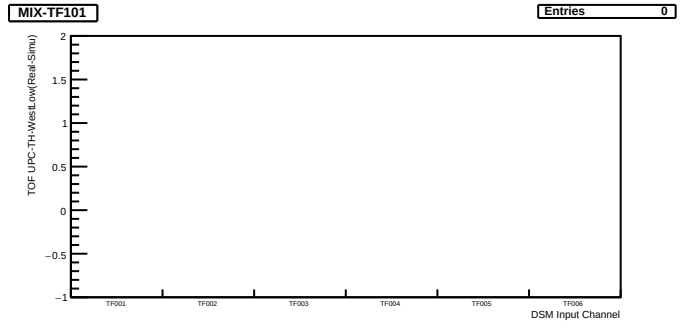

MIX-TF005
Entries 1.142028e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

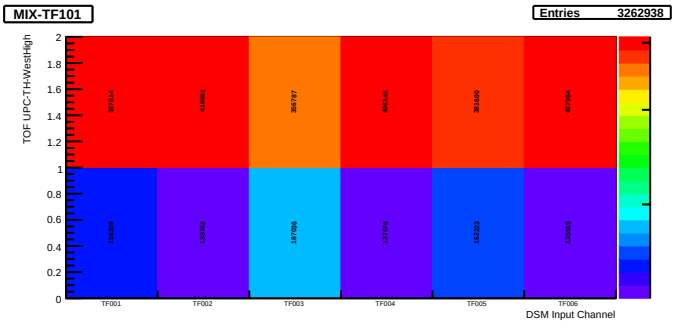

MIX-TF006
Entries 1.142028e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

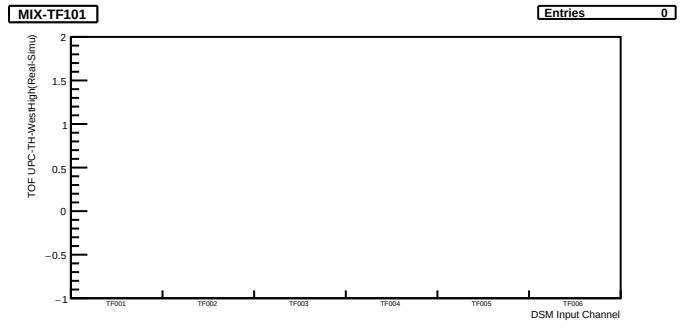

MIX-TF101
Entries 3262938
TOF MULT
DSM Input Channel

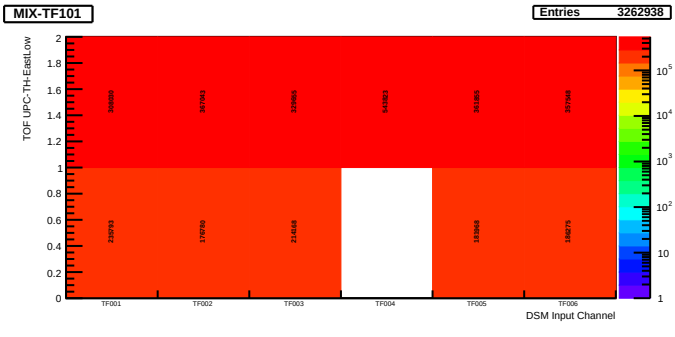

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

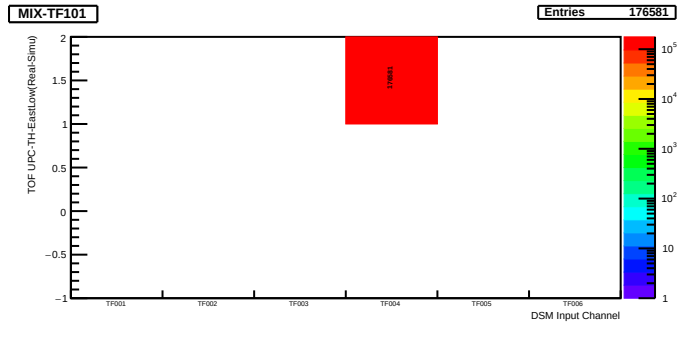

MIX-TF101
Entries 3262938
TOF UPC-TH-WestLow
DSM Input Channel

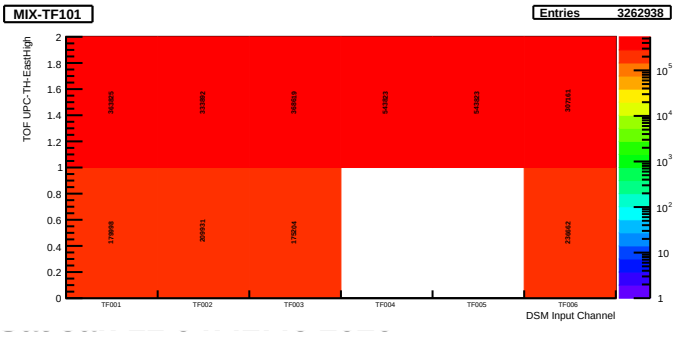

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

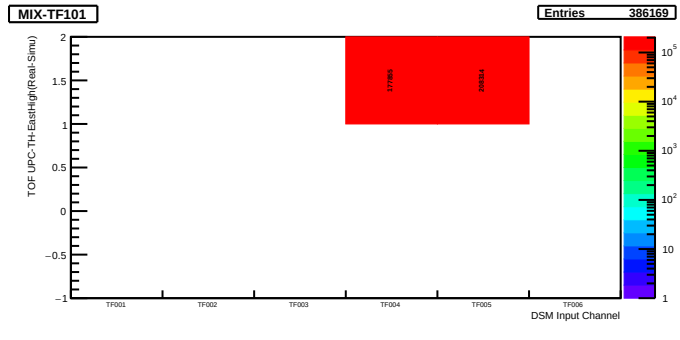

MIX-TF101
Entries 3262938
TOF UPC-TH-WestHigh
DSM Input Channel

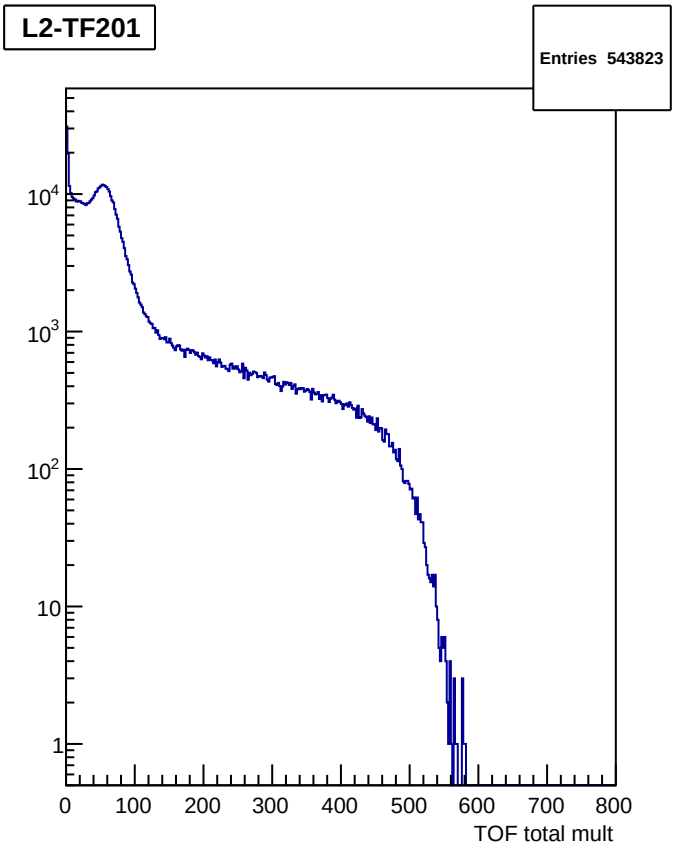

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

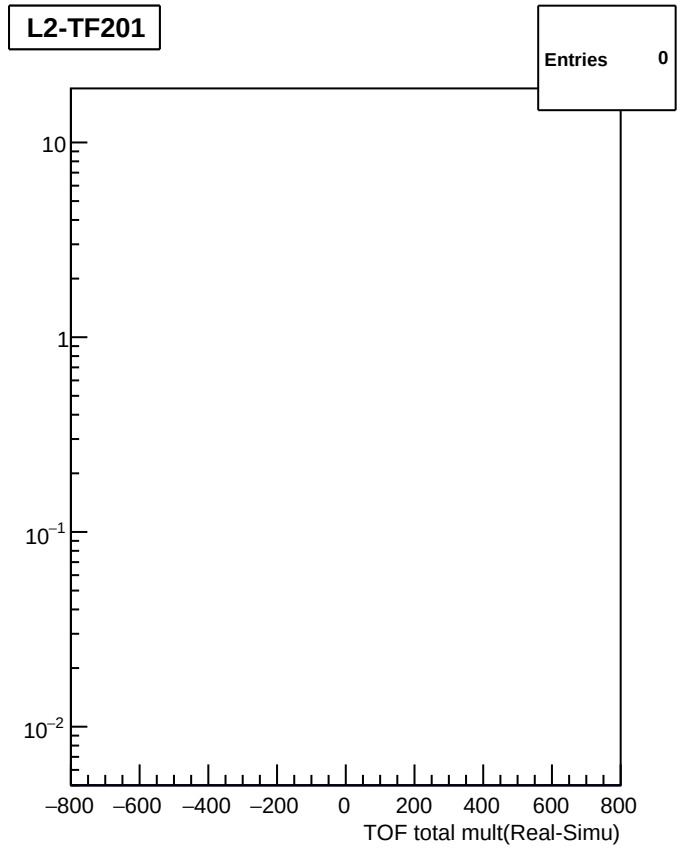

MIX-TF101
Entries 3262938
TOF UPC-TH-EastLow
DSM Input Channel

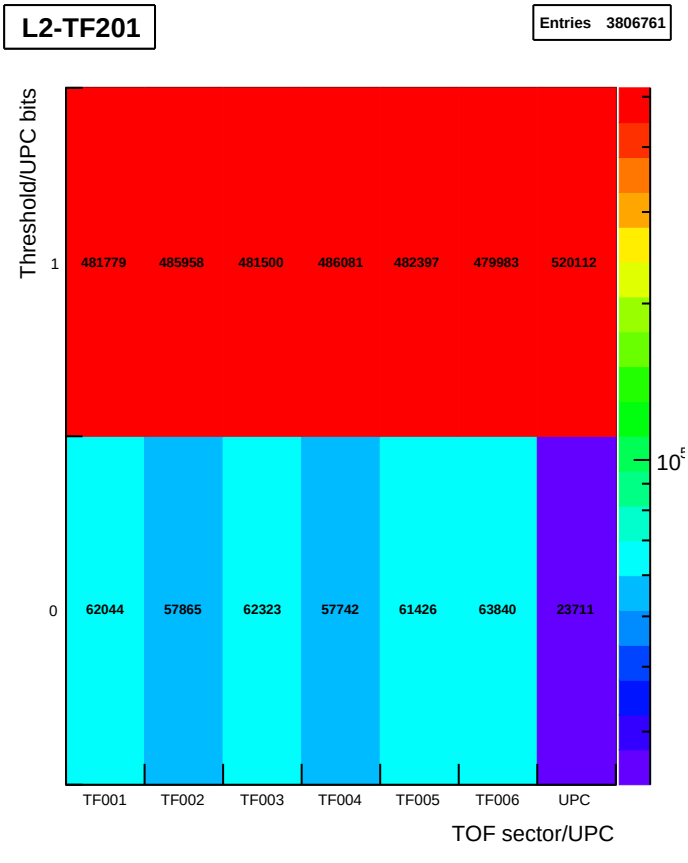

MIX-TF101
Entries 176581
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

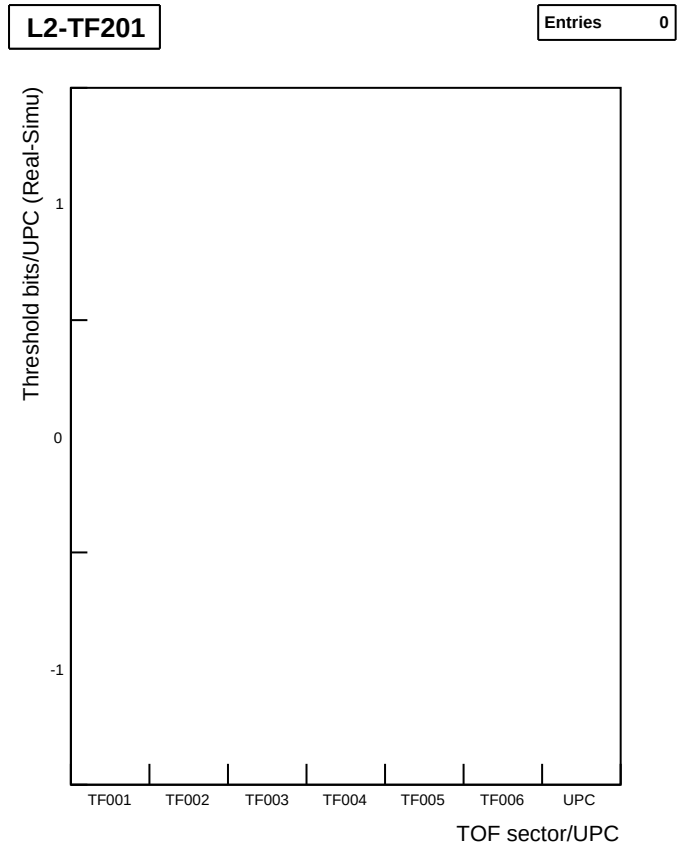

MIX-TF101
Entries 3262938
TOF UPC-TH-EastHigh
DSM Input Channel

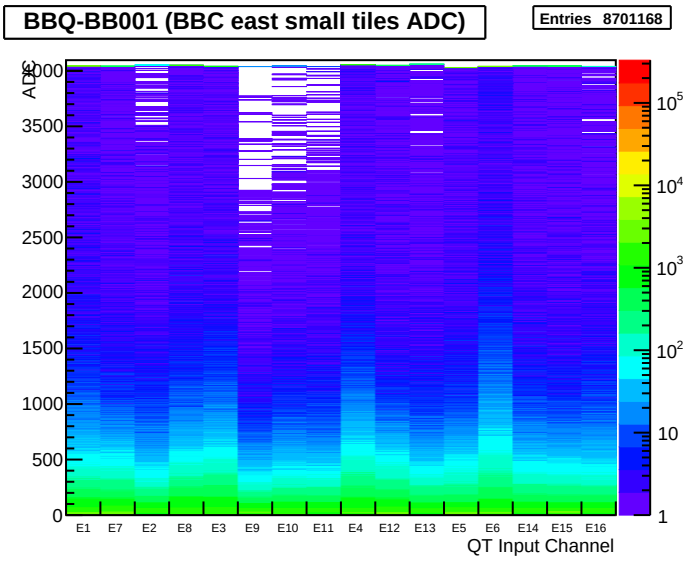

MIX-TF101
Entries 386169
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

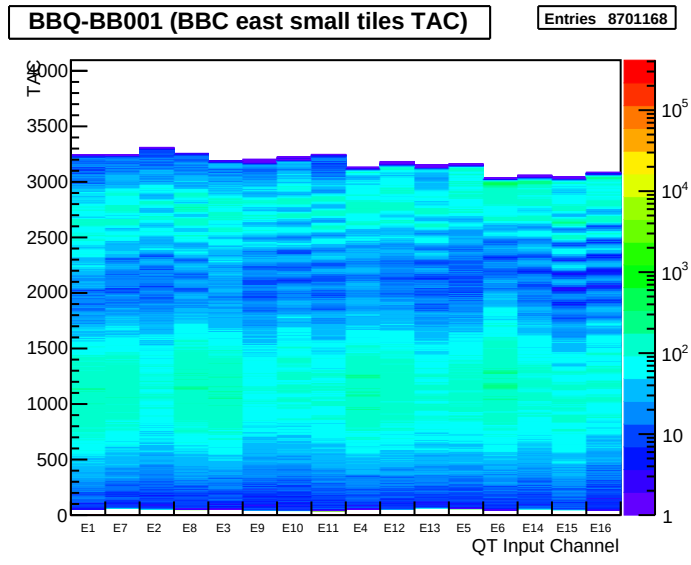

L2-TF201
Entries 543823
TOF total mult

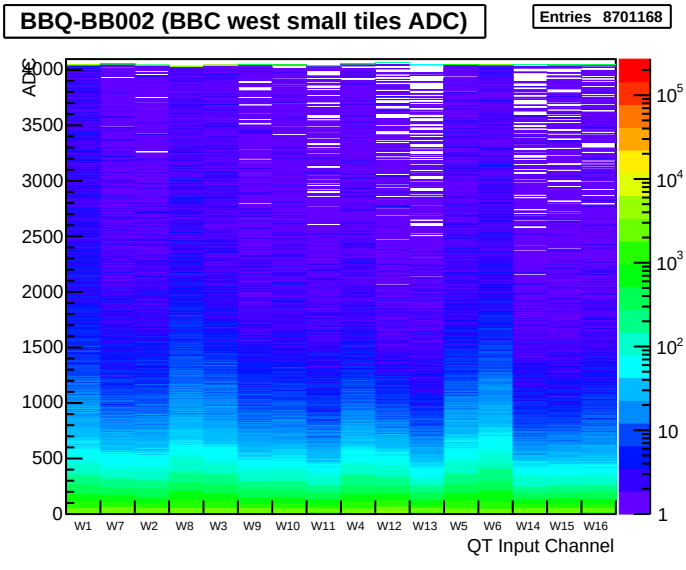

L2-TF201
Entries 0
TOF total mult(Real-Simu)

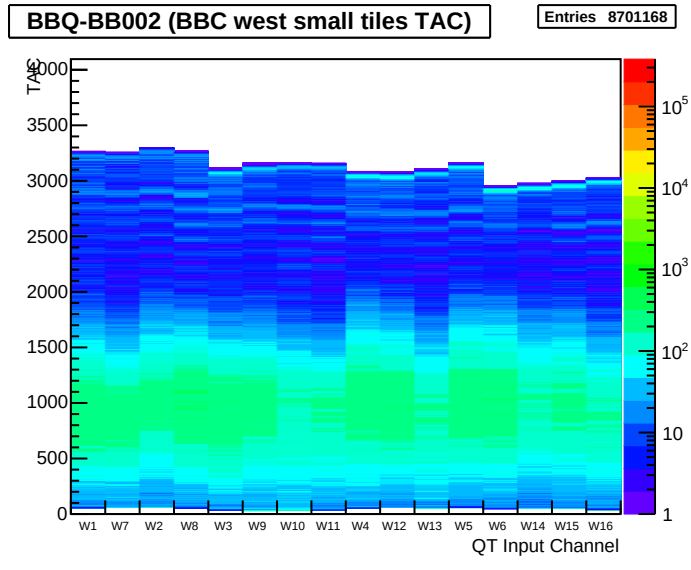

L2-TF201
Entries 3806761
Threshold/UPC bits
481779
485958
481500
486081
482397
479983
520112
62044
57865
62323
57742
61426
63840
23711
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

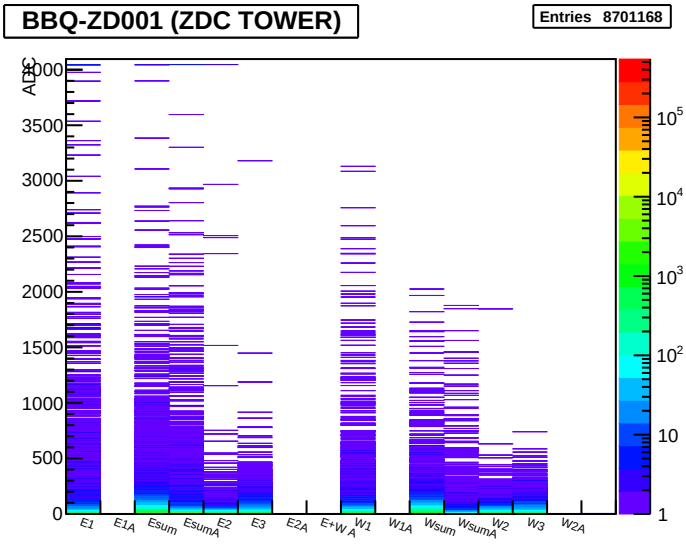

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

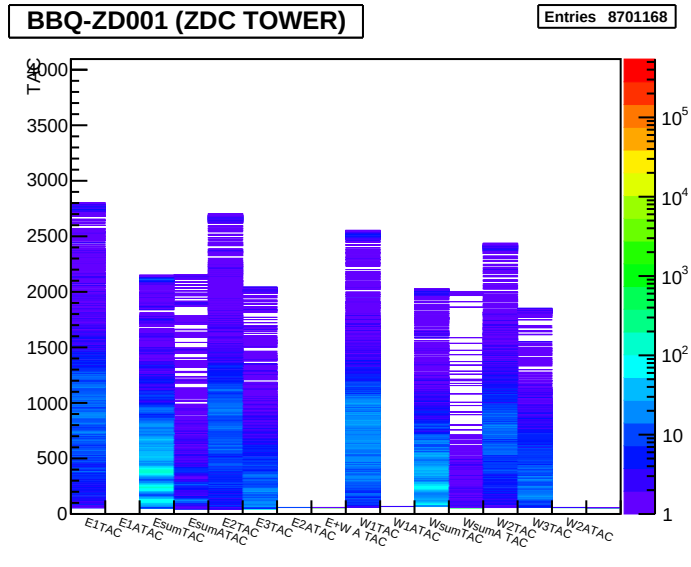

BBQ-BB001 (BBC east small tiles ADC)
Entries 8701168
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

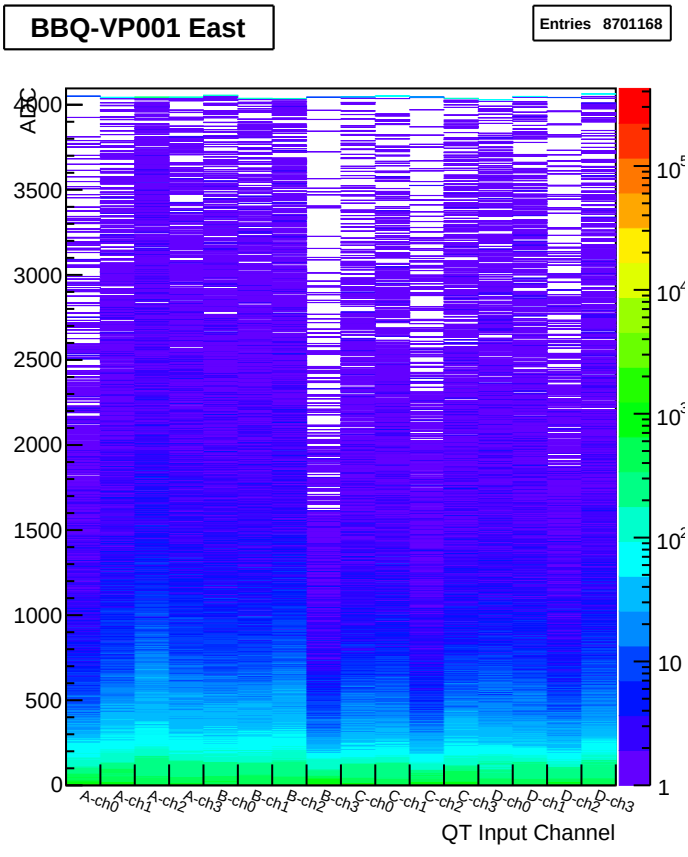

BBQ-BB001 (BBC east small tiles TAC)
Entries 8701168
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

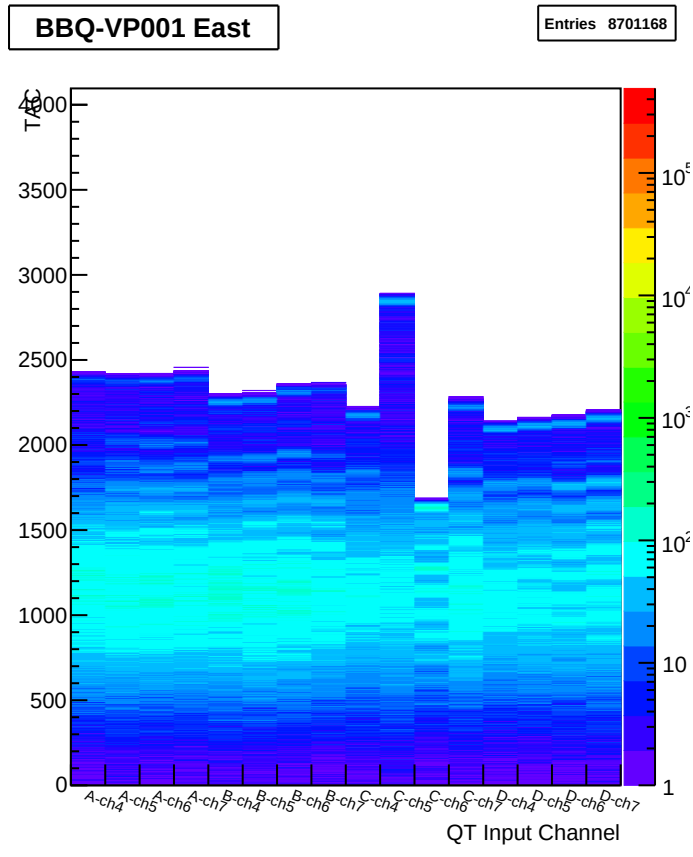

BBQ-BB002 (BBC west small tiles ADC)
Entries 8701168
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

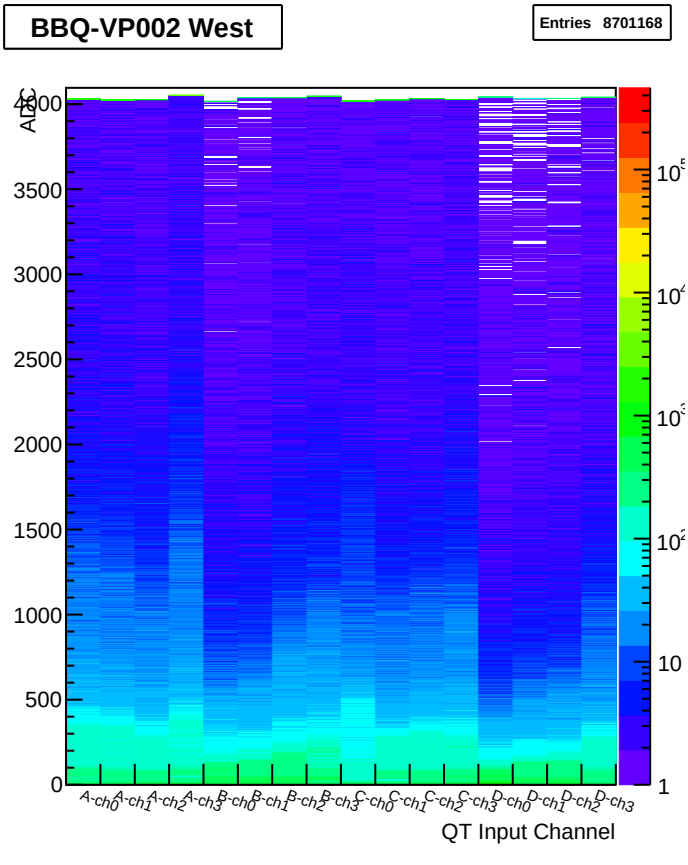

BBQ-BB002 (BBC west small tiles TAC)
Entries 8701168
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

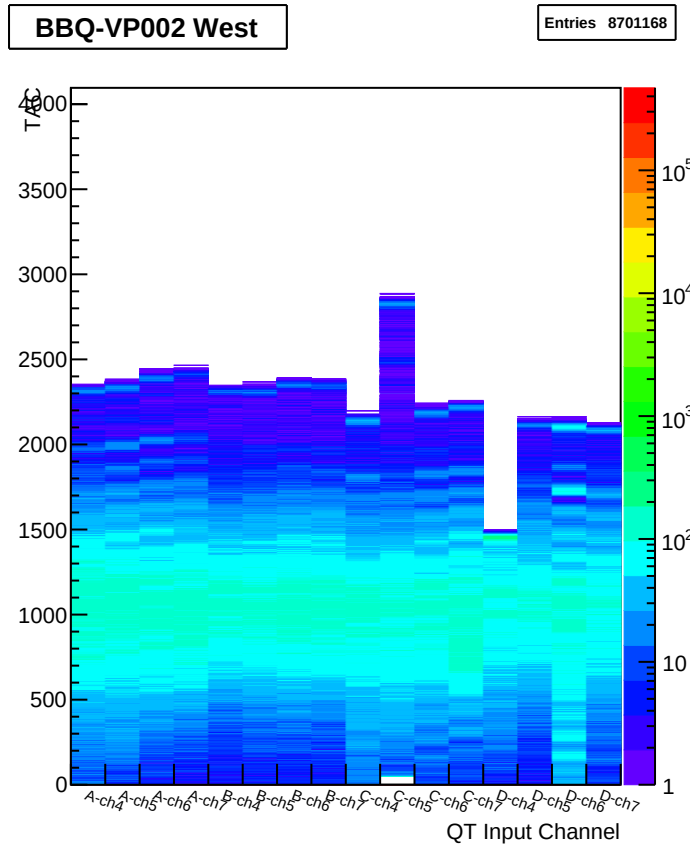

BBQ-ZD001 (ZDC TOWER)
Entries 8701168
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

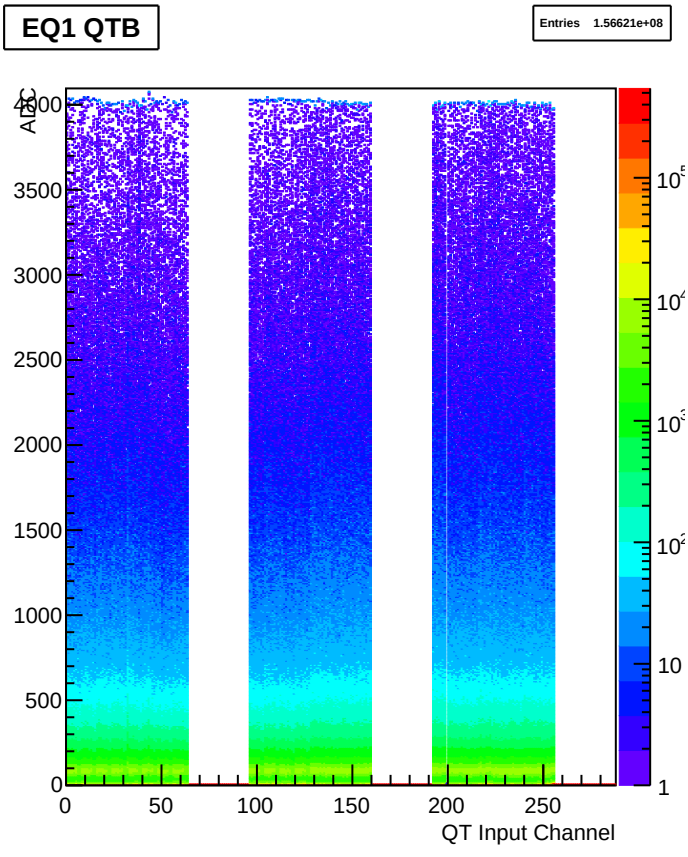

BBQ-ZD001 (ZDC TOWER)
Entries 8701168
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

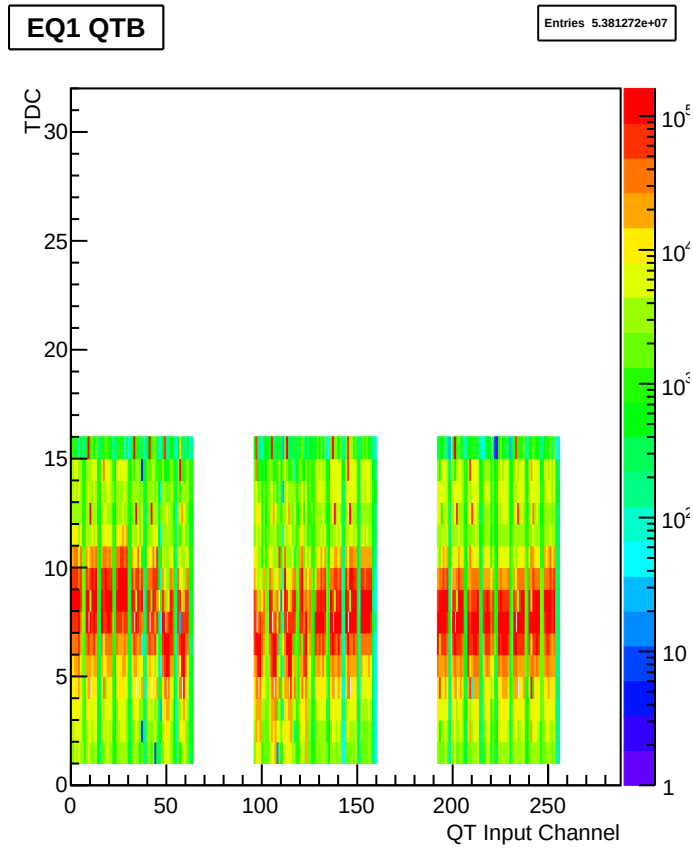

BBQ-VP001 East
Entries 8701168
ADC
QT Input Channel

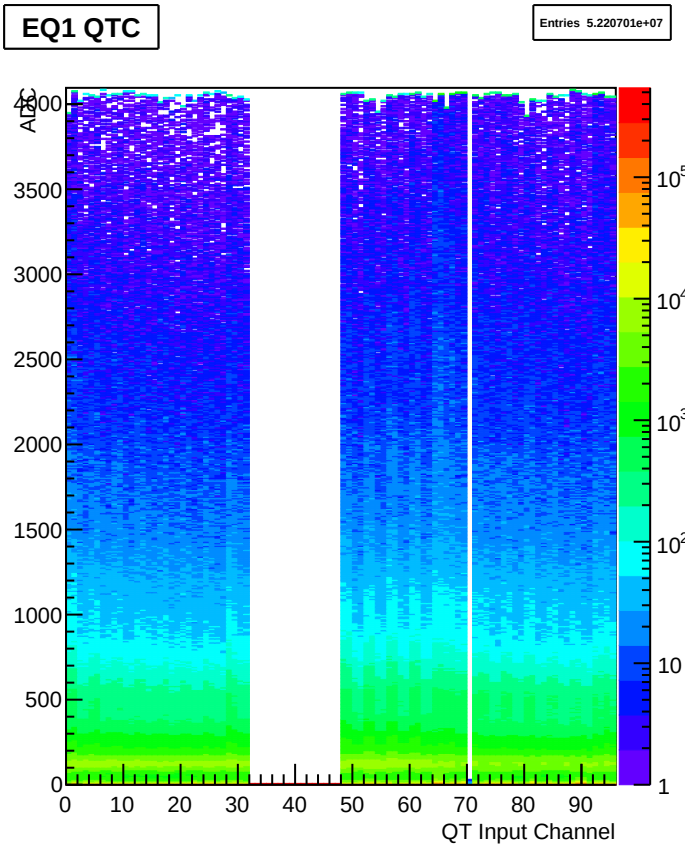

BBQ-VP001 East
Entries 8701168
ADC
QT Input Channel

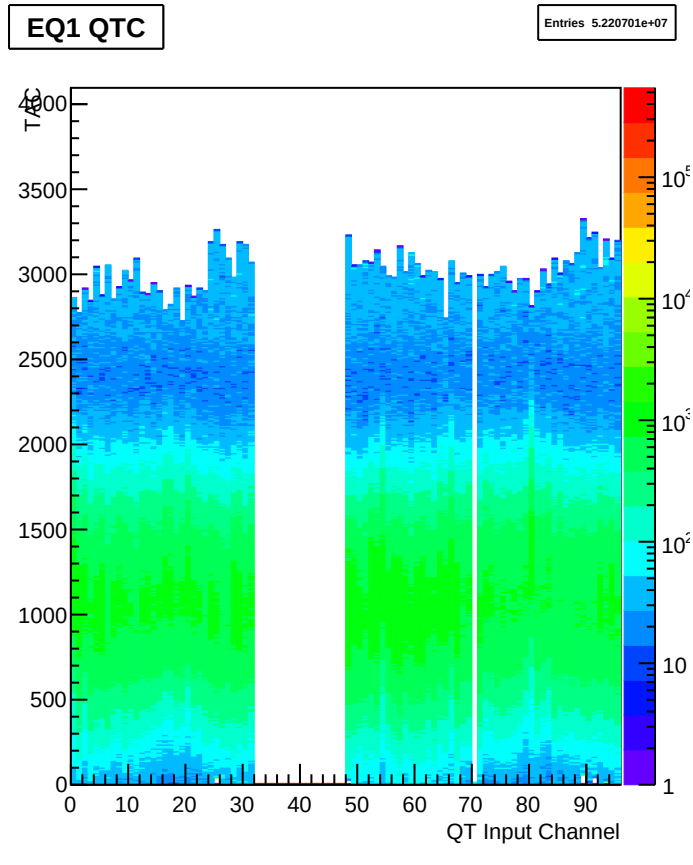

BBQ-VP002 West
Entries 8701168
ADC
QT Input Channel

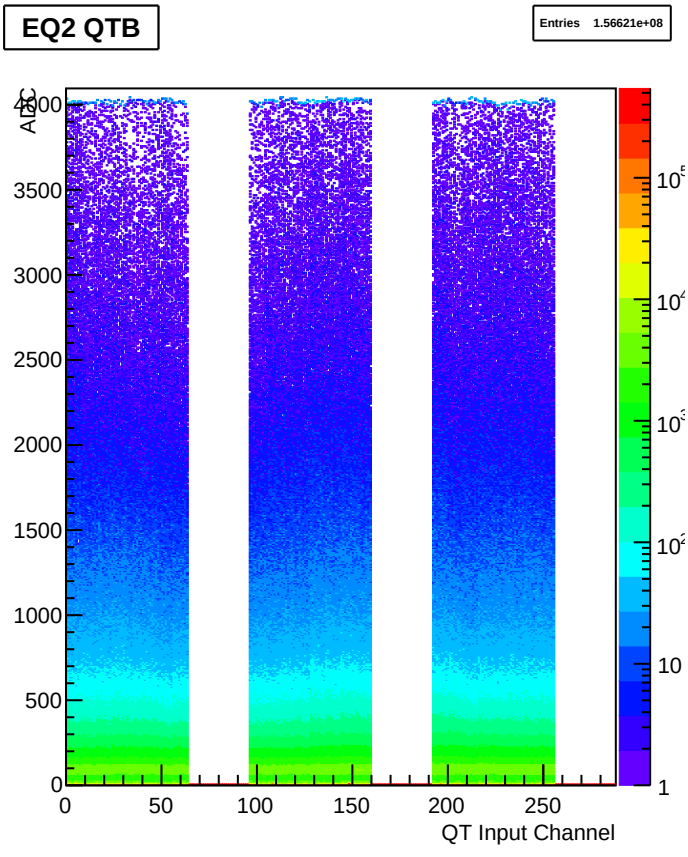

BBQ-VP002 West
Entries 8701168
ADC
QT Input Channel

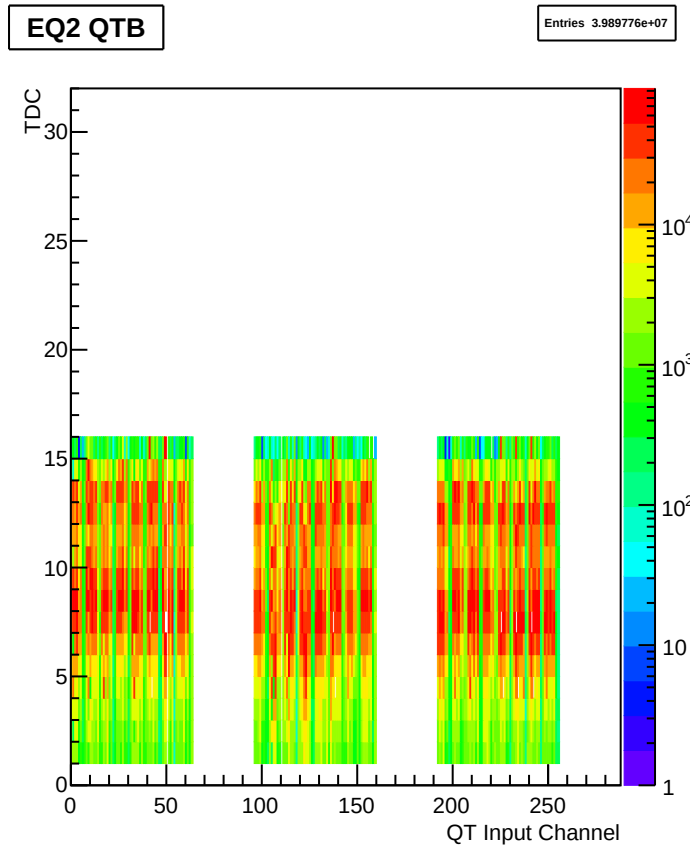

EQ1 QTB
Entries 1.56621e+08
ADC
QT Input Channel

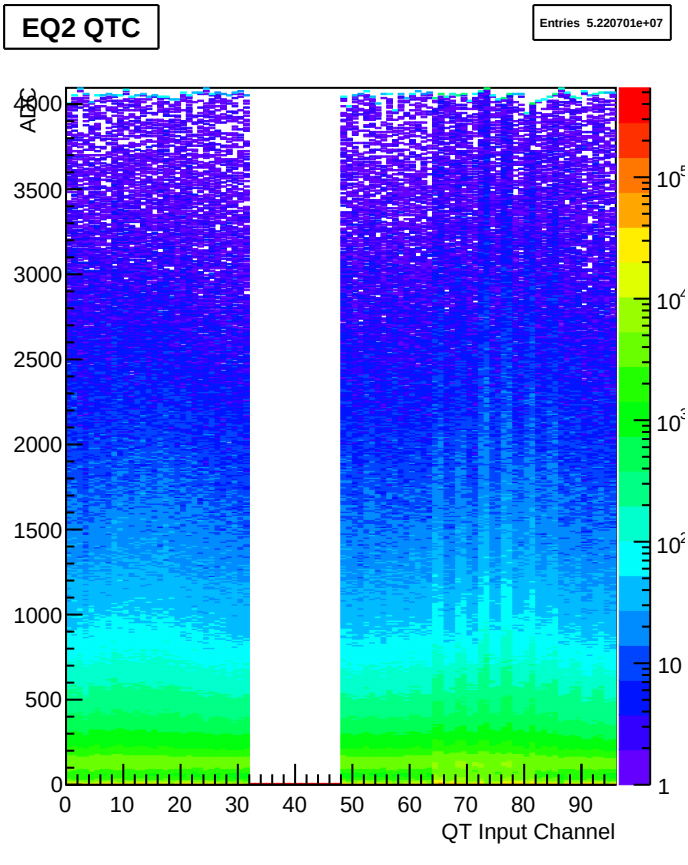

EQ1 QTB
Entries 5.381272e+07
TDC
QT Input Channel

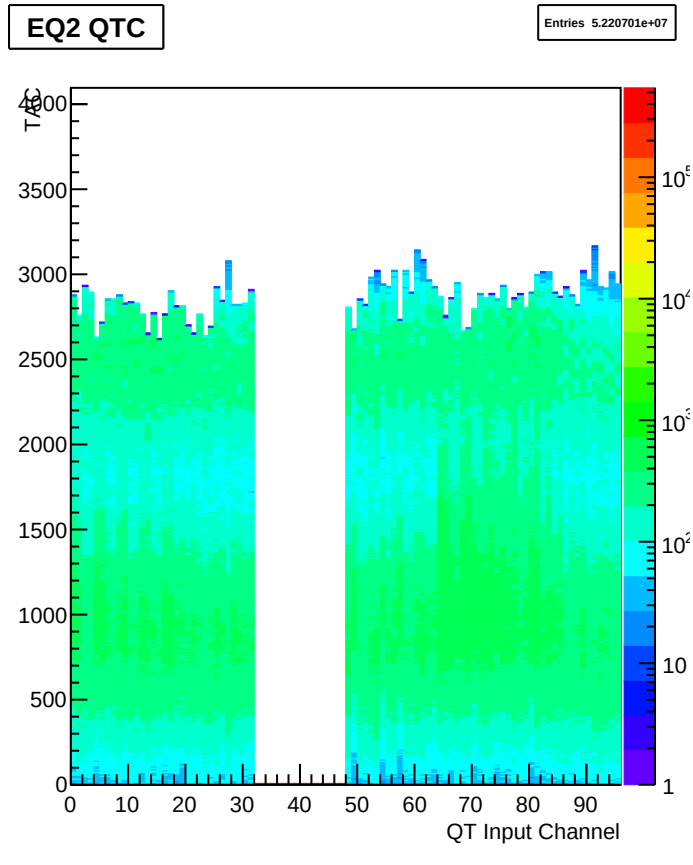

EQ1 QTC
Entries 5.220701e+07
ADC
QT Input Channel

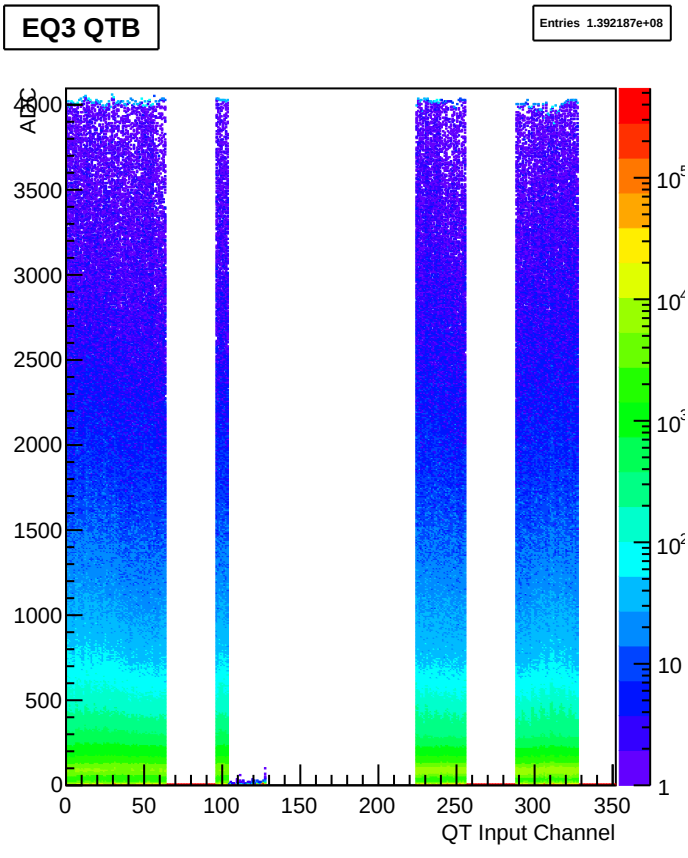

EQ1 QTC
Entries 5.220701e+07
TADC
QT Input Channel

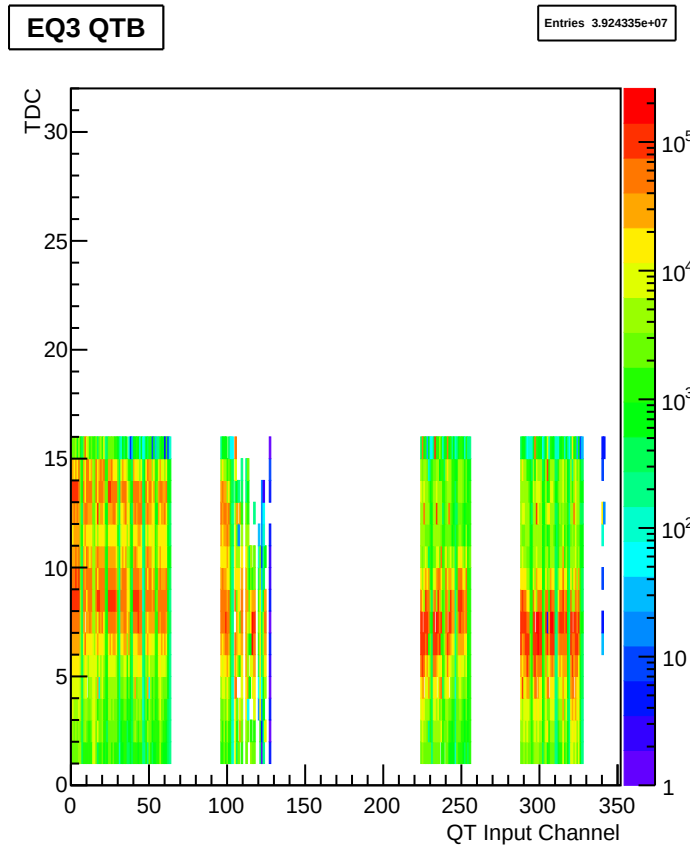

EQ2 QTB
Entries 1.56621e+08
ADC
QT Input Channel

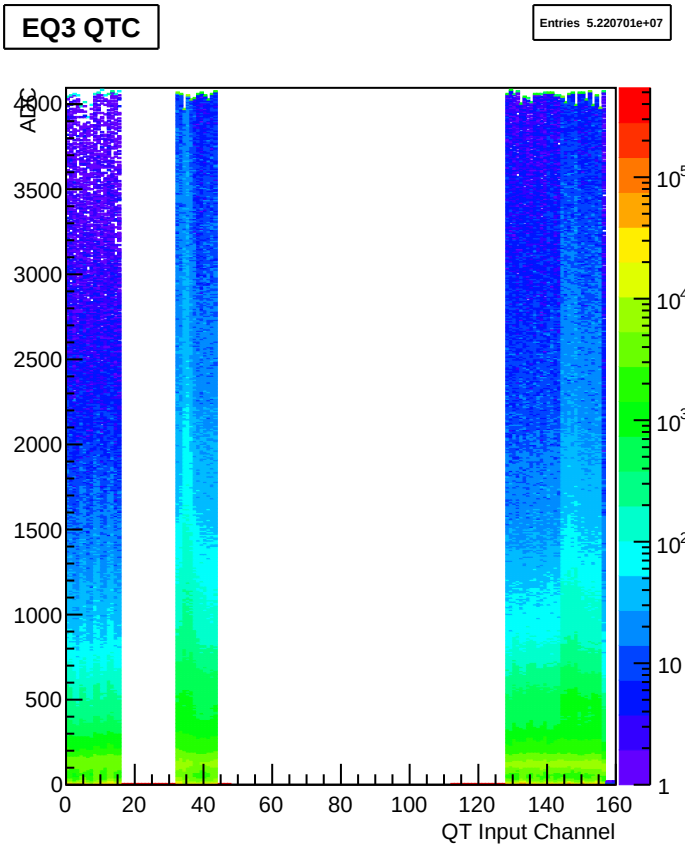

EQ2 QTB
Entries 3.989776e+07
TDC
QT Input Channel

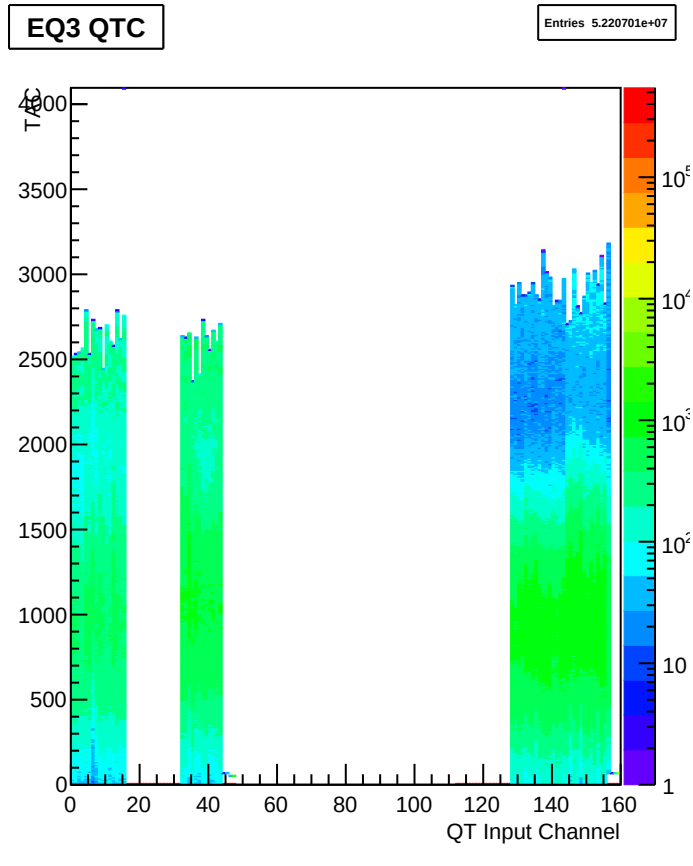

EQ2 QTC
Entries 5.220701e+07
ADC
QT Input Channel

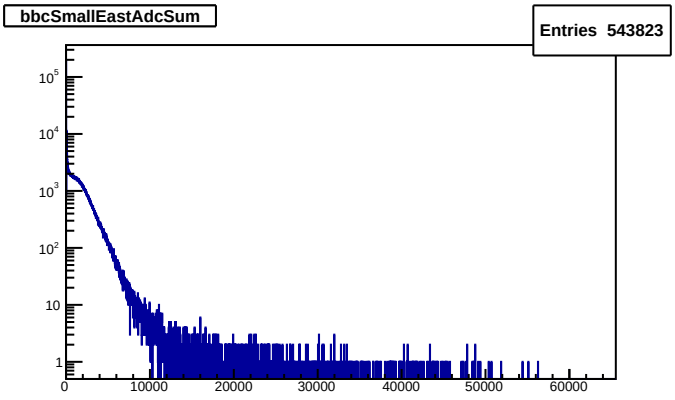

EQ2 QTC
Entries 5.220701e+07
TADC
QT Input Channel

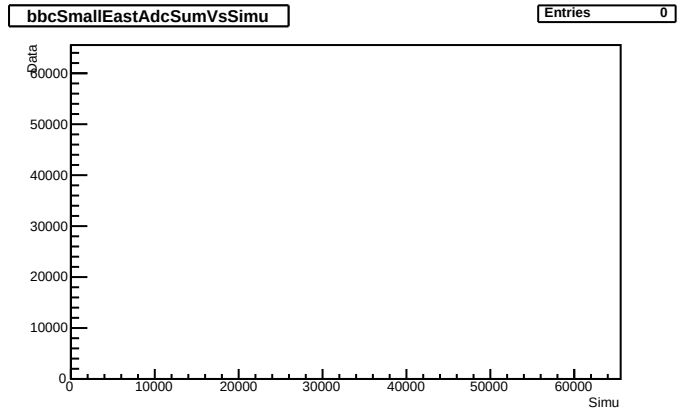

EQ3 QTB
Entries 1.392187e+08
ADC
QT Input Channel

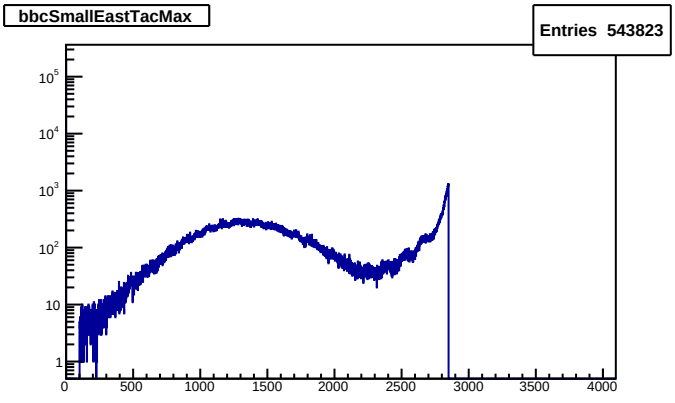

EQ3 QTB
Entries 3.924335e+07
TDC
QT Input Channel

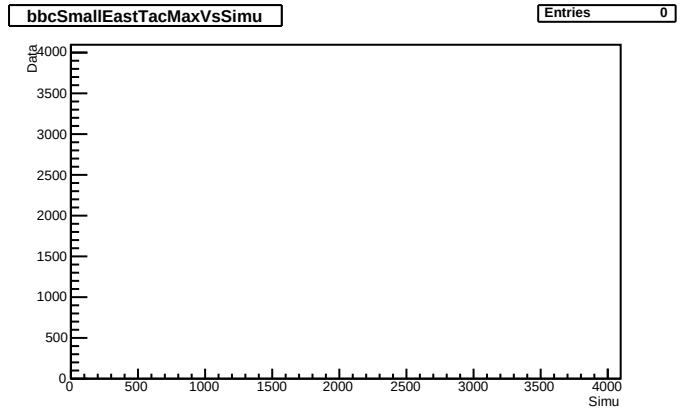

EQ3 QTC
Entries 5.220701e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.220701e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 543823


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 543823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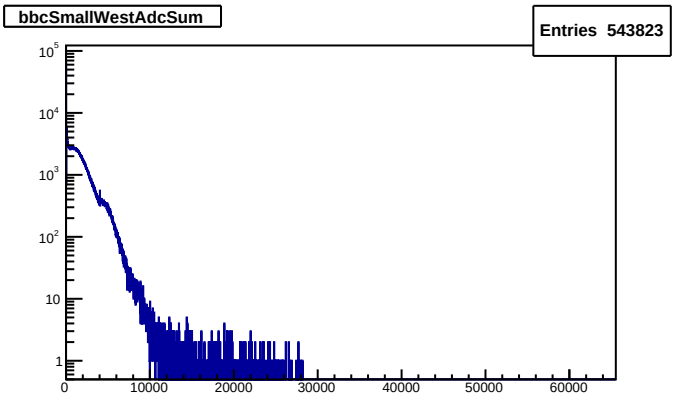
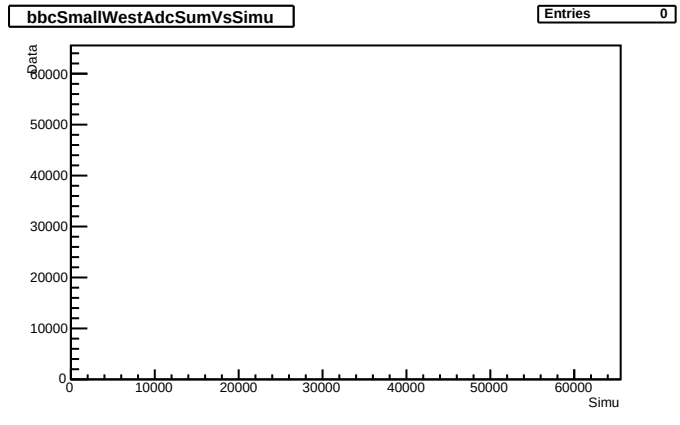

bbcSmallWestAdcSum
Entries 543823


bbcSmallWestAdcSumVsSimu
Entries 0
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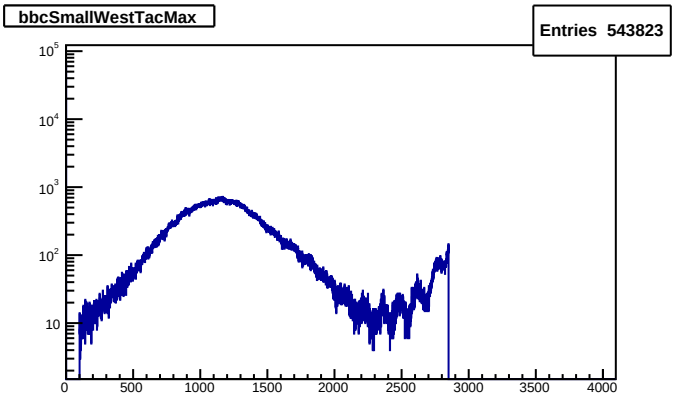
Simu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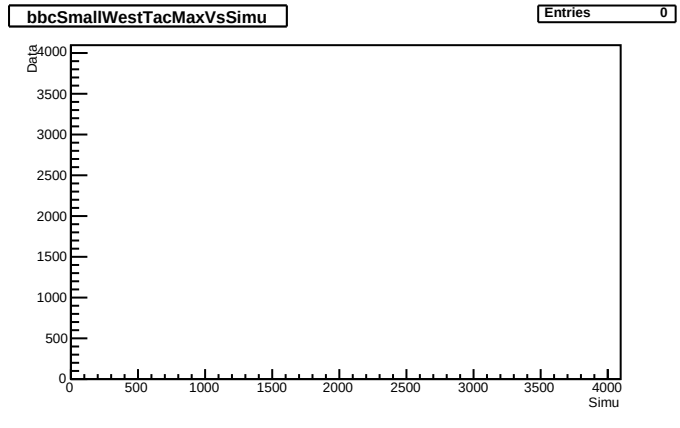
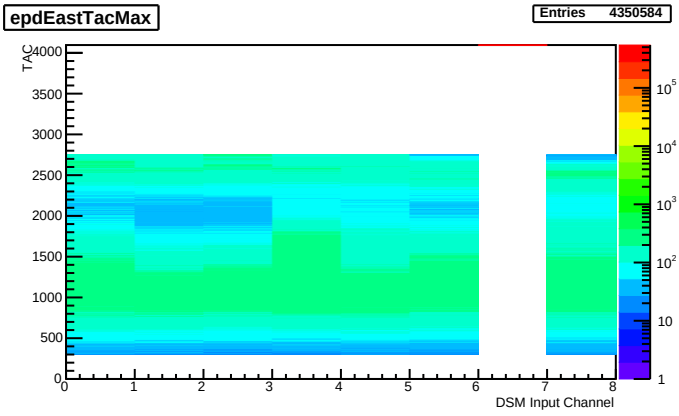
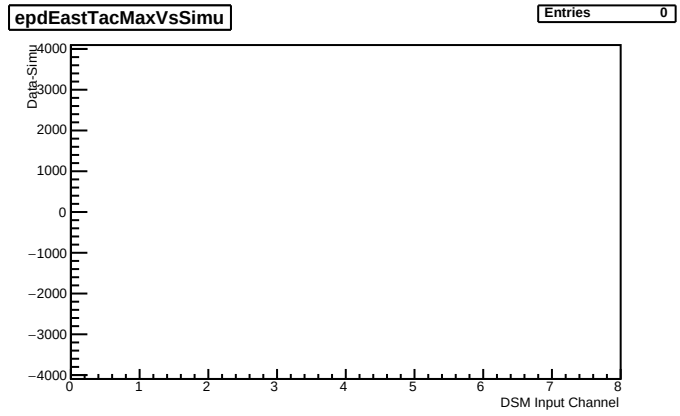
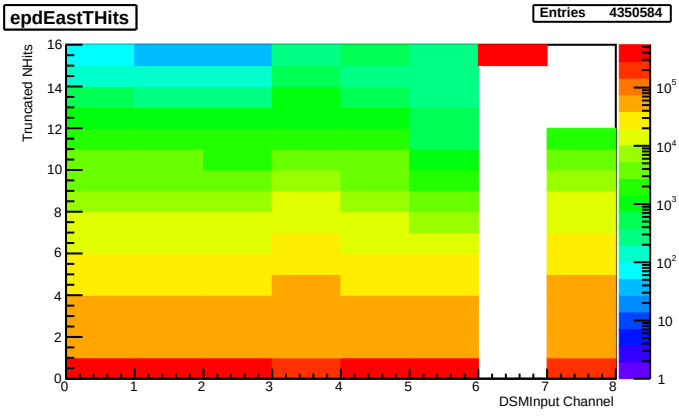
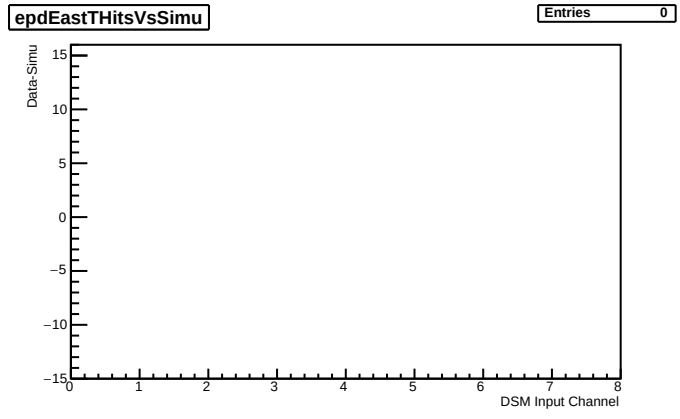
Entries 543823


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 4350584
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4350584
Truncated NHits
DSMInput Channel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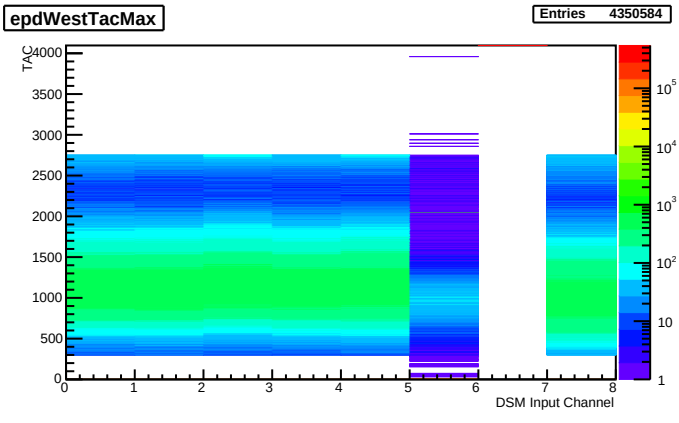
Entries 0
Data-Simu
DSM Input Channel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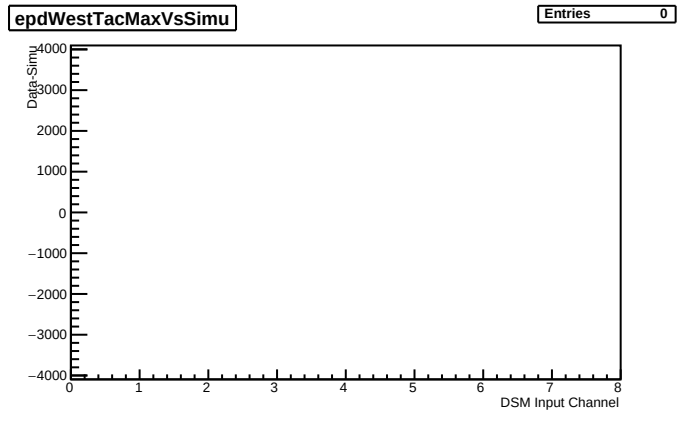
Entries 4350584
TAC
DSM Input Channel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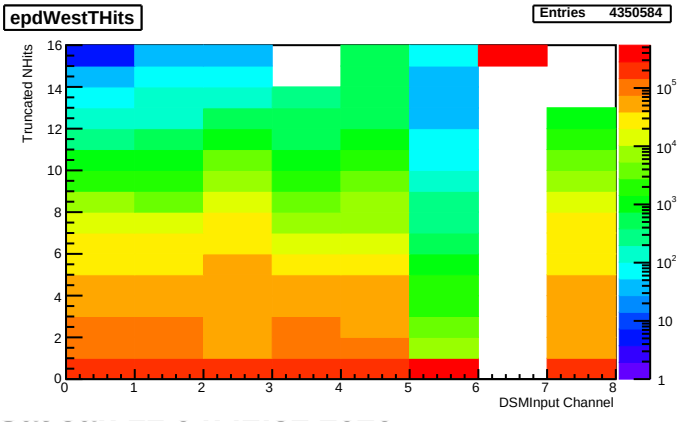
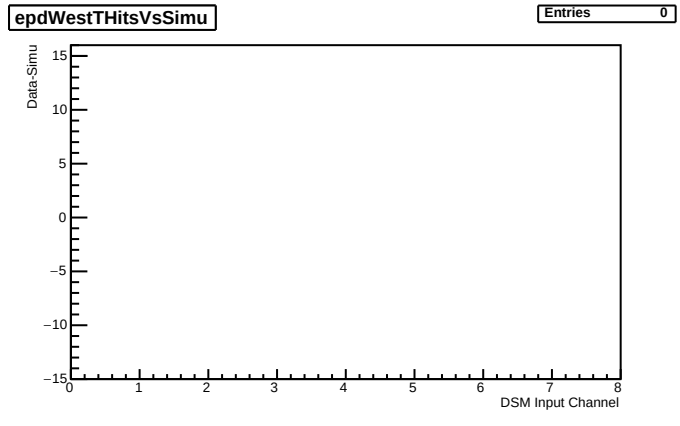
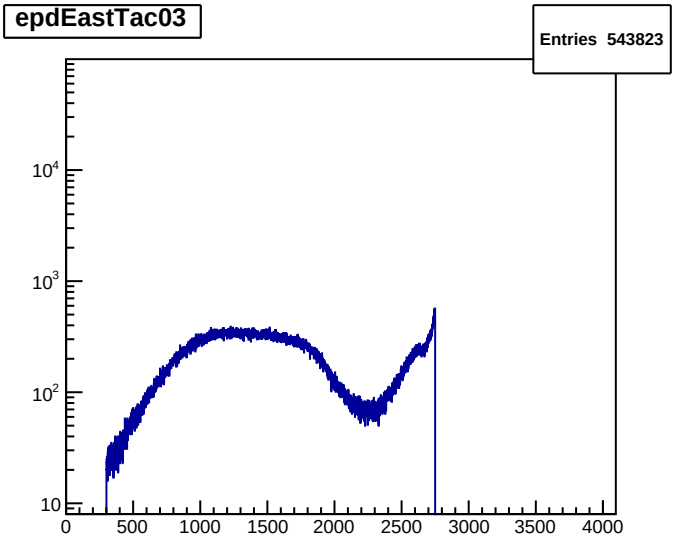
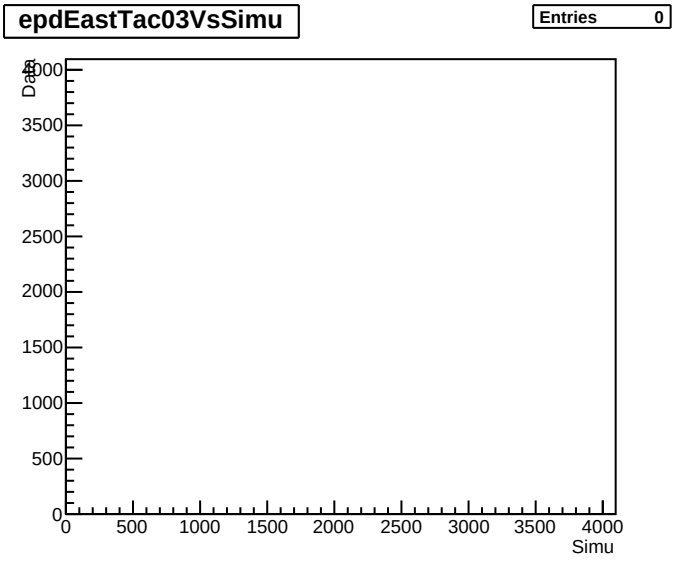
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4350584
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 543823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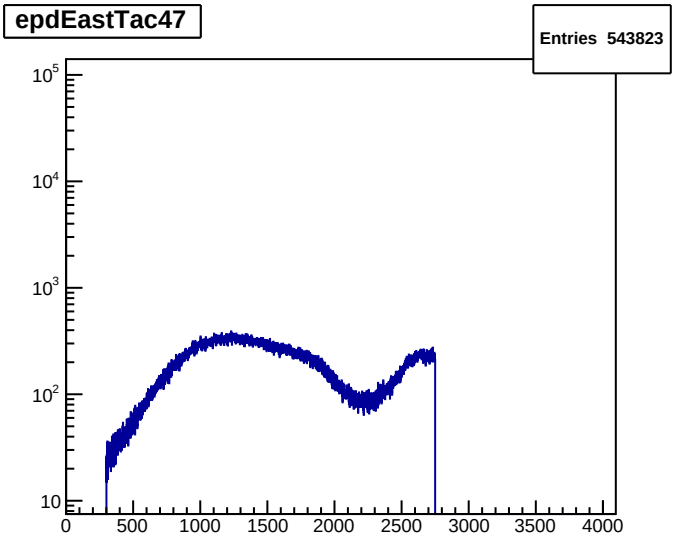
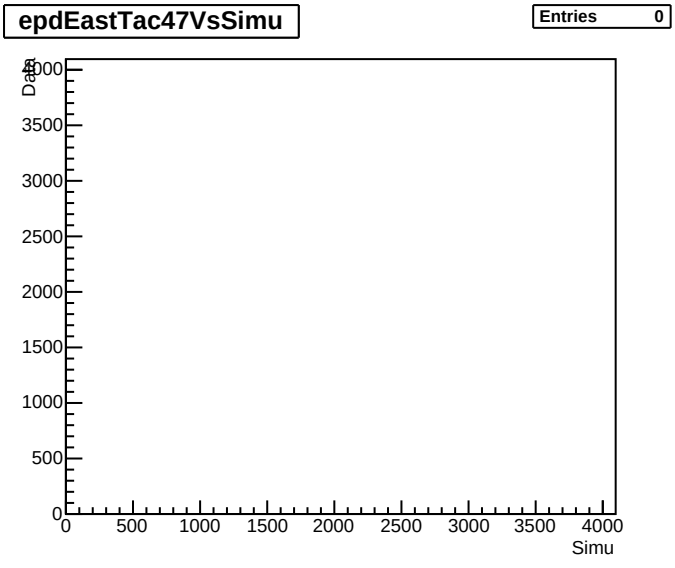
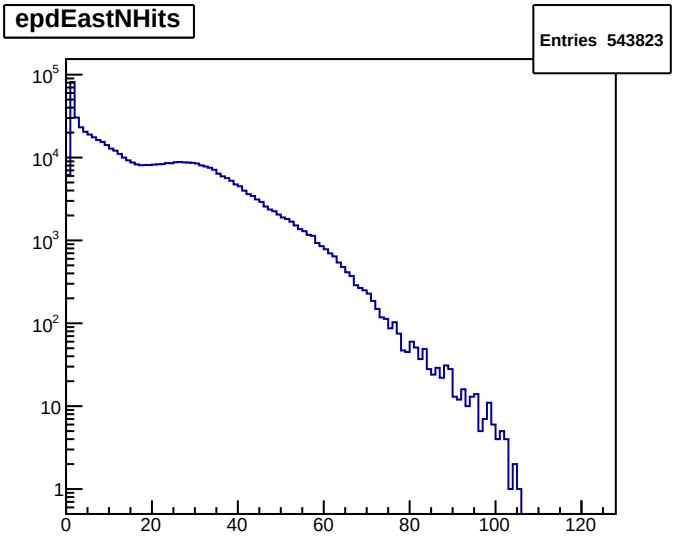
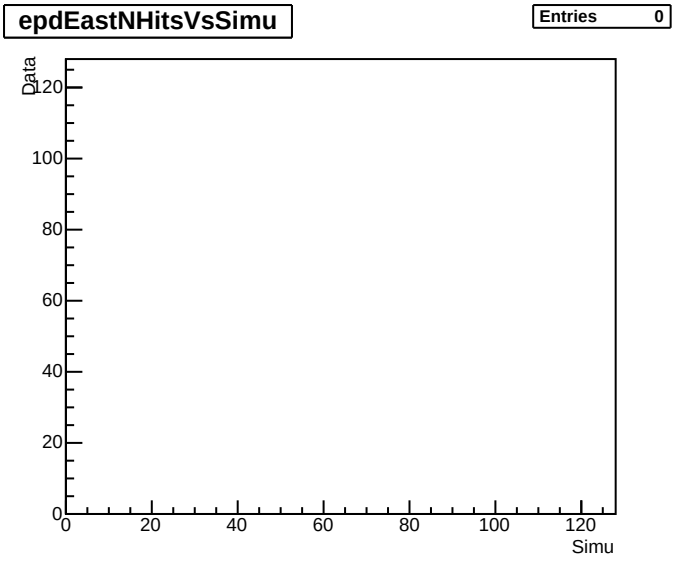
Entries 0
Data
Simu


epdEastTac47
Entries 543823


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 543823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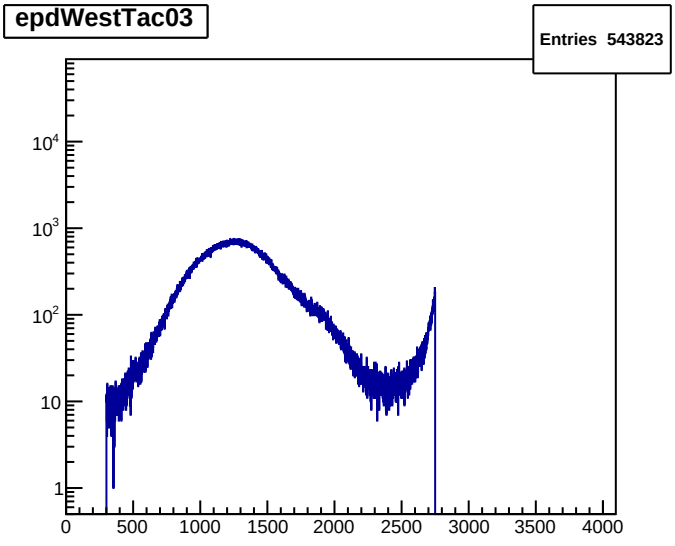
Entries 0
Data
Simu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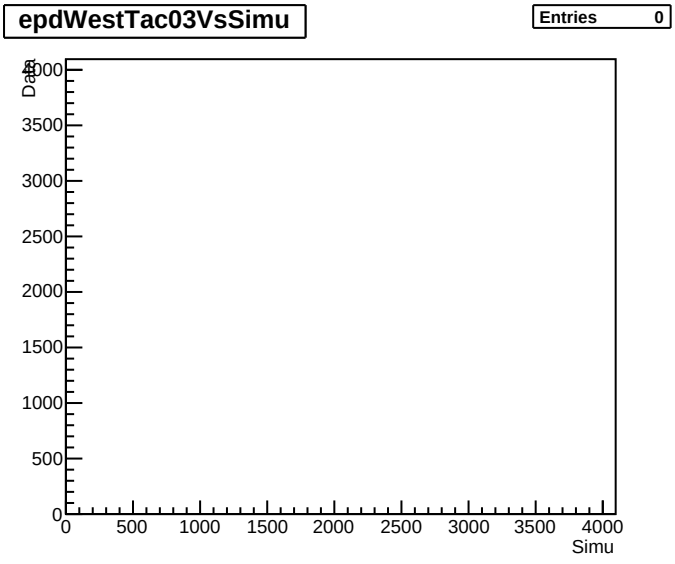
Entries 543823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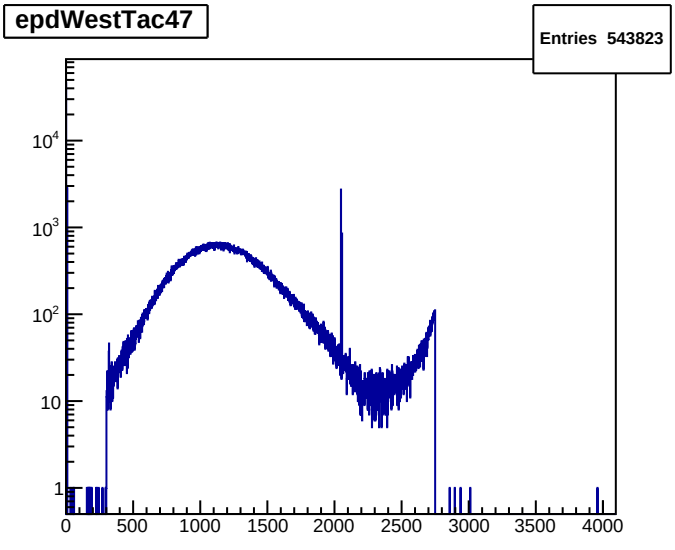
Entries 0
Data
Simu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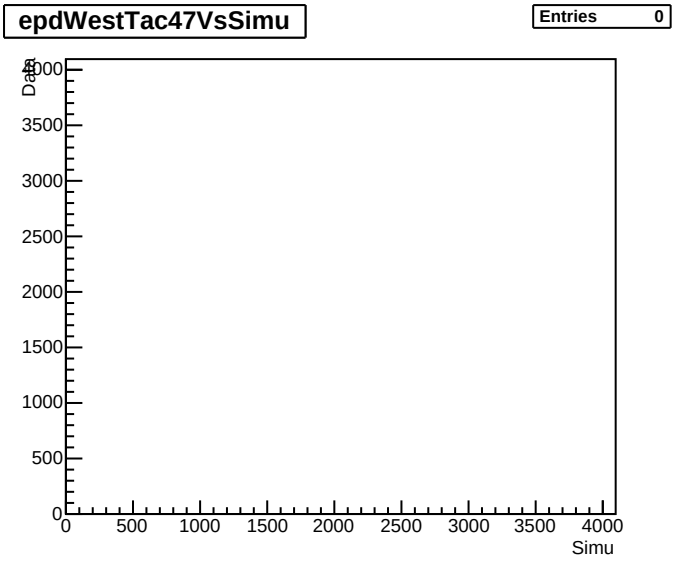
Entries 543823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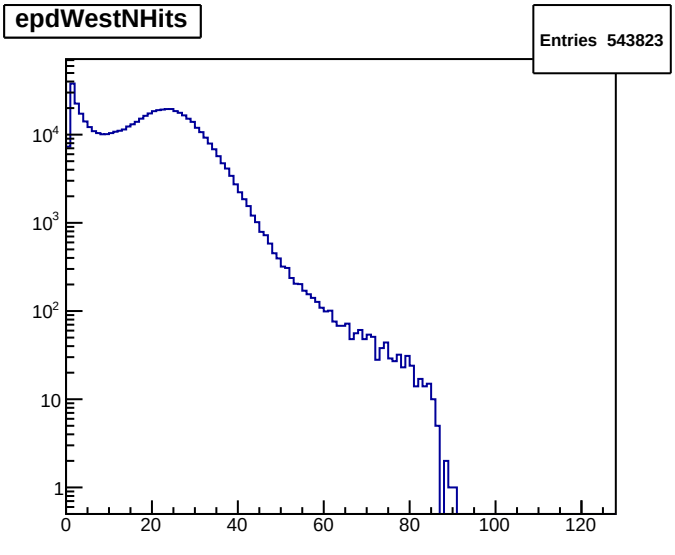
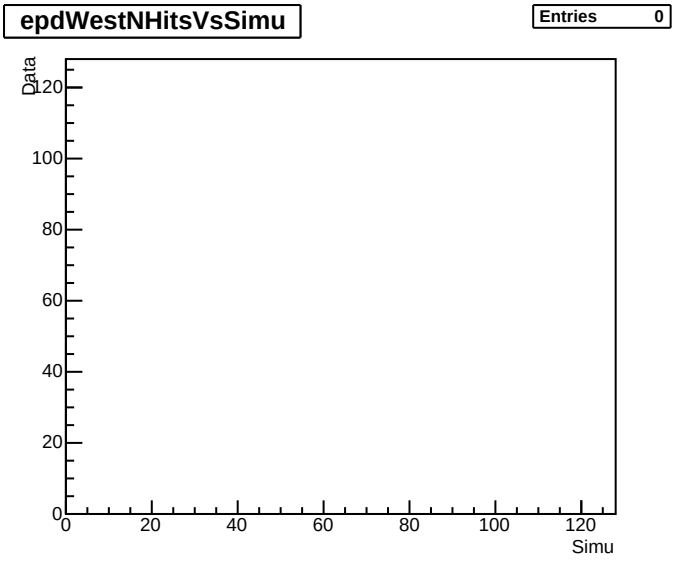
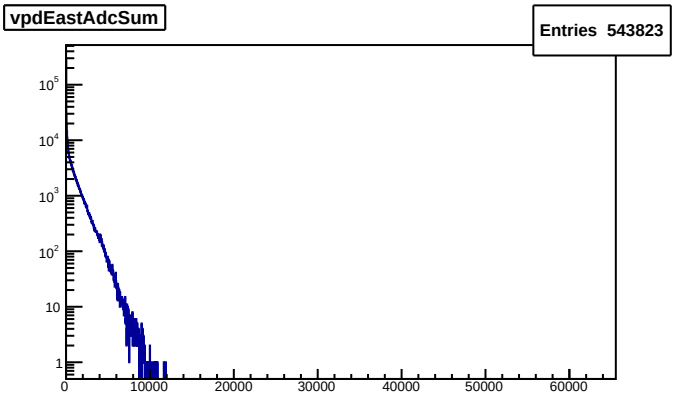
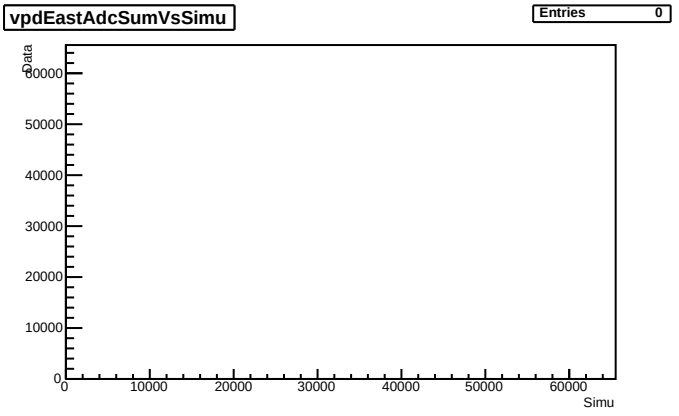
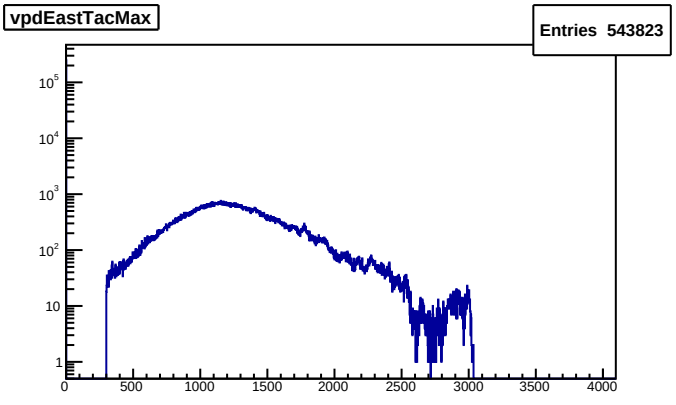
Entries 0
Data
Simu

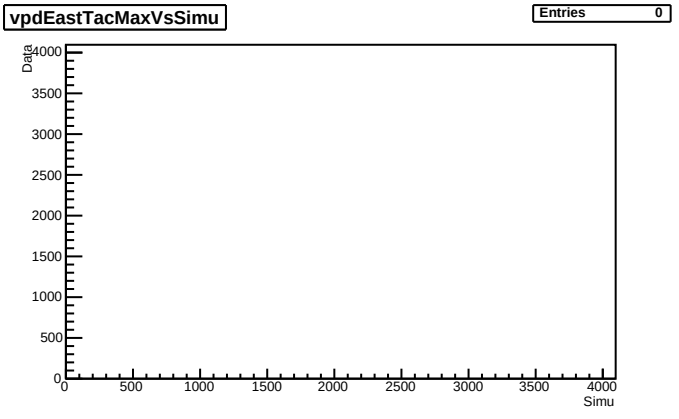

epdWestNHits
Entries 543823

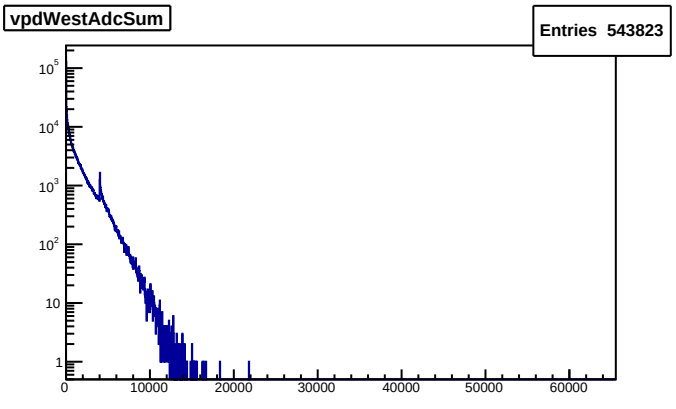

epdWestNHitsVsSimu
Entries 0
Data
Simu

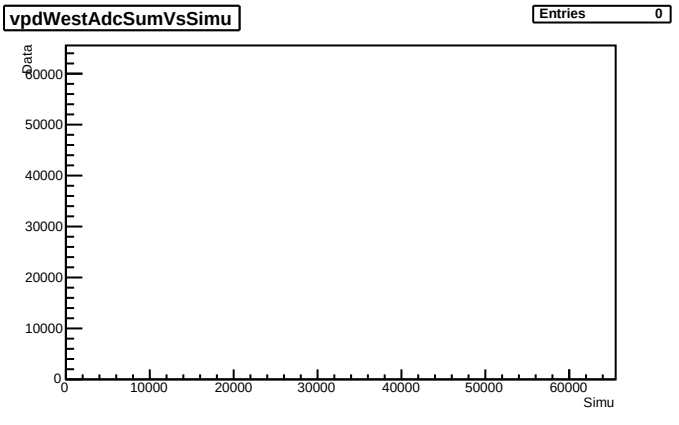

vpdEastAdcSum
Entries 543823


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 543823


vpdEastTacMaxVsSimu
Entries 0
Data
Simu


vpdWestAdcSum
Entries 543823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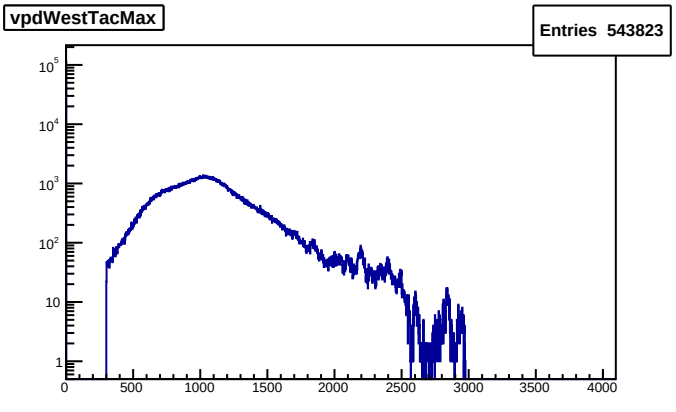
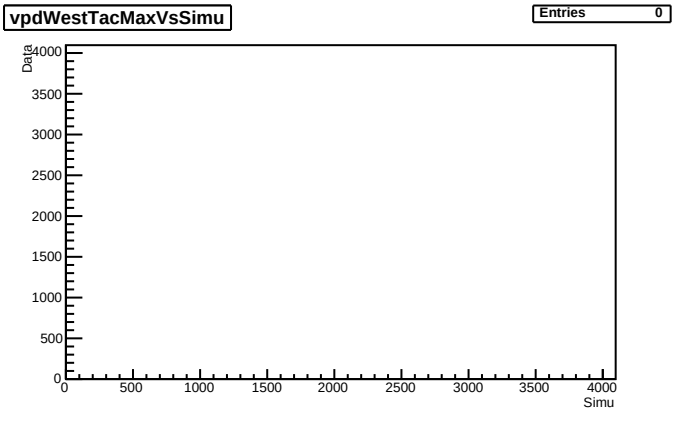
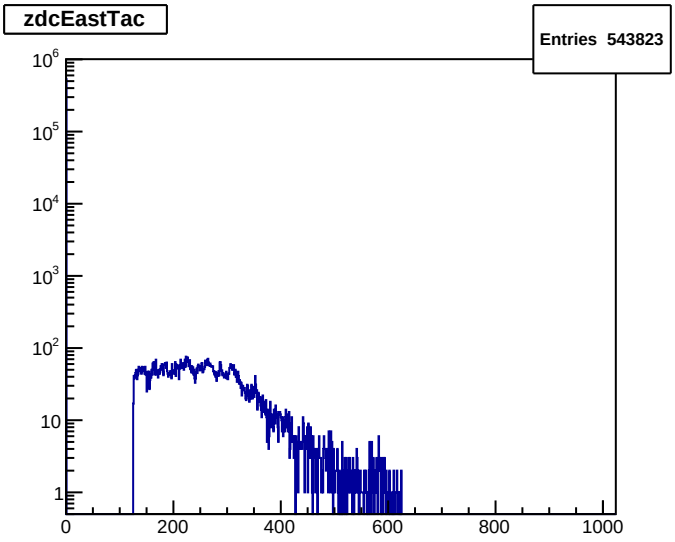
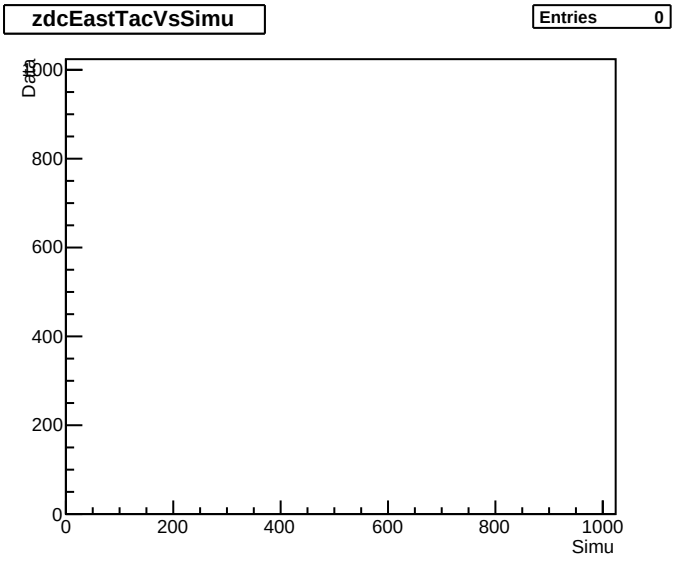
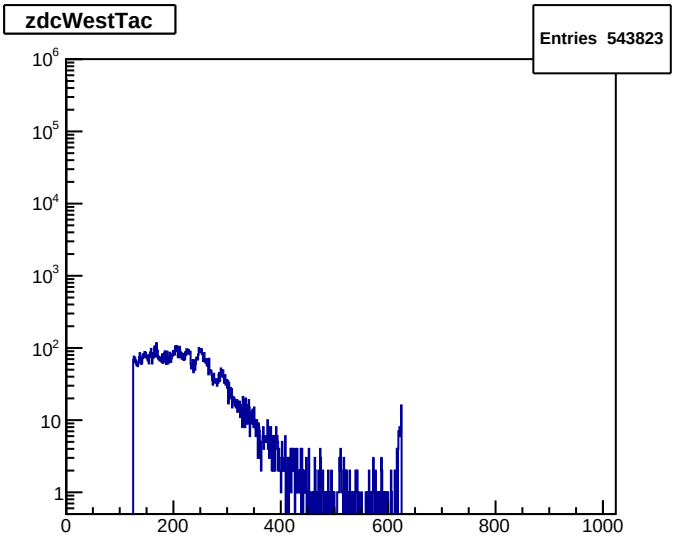
Entries 0
Data
Simu

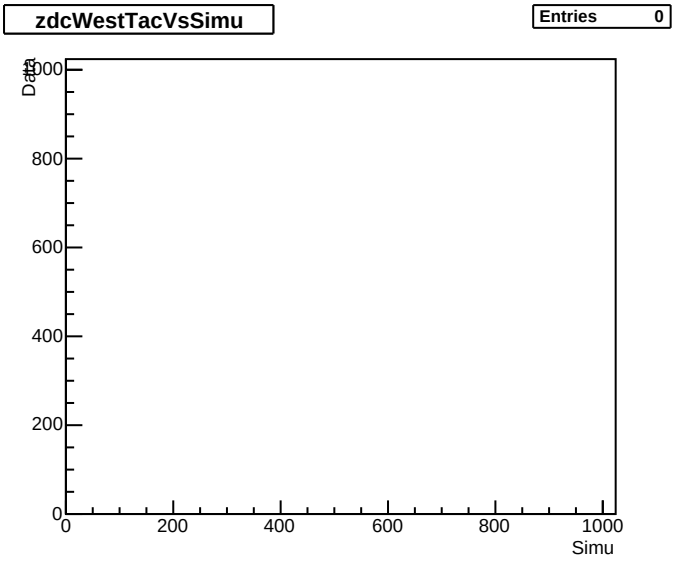

vpdWestTacMax
Entries 543823

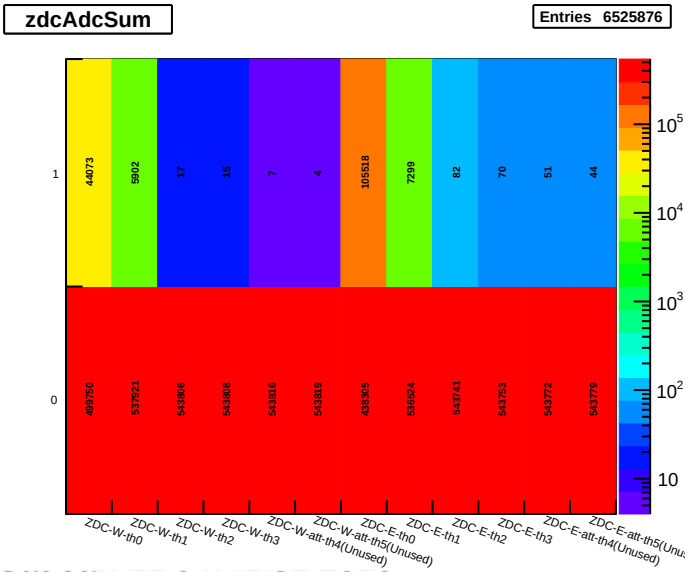

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

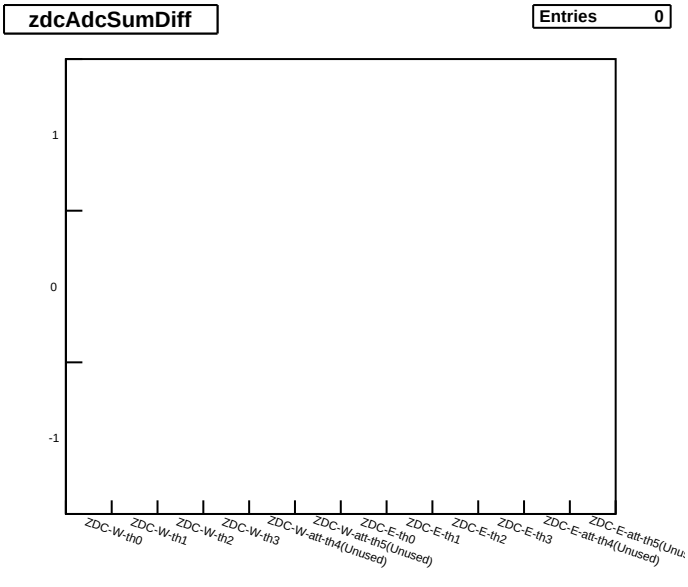

zdcEastTac
Entries 543823

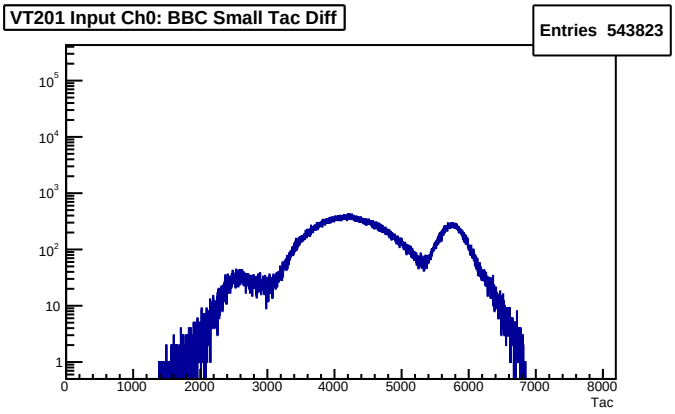

zdcEastTacVsSimu
Entries 0
Data
Simu

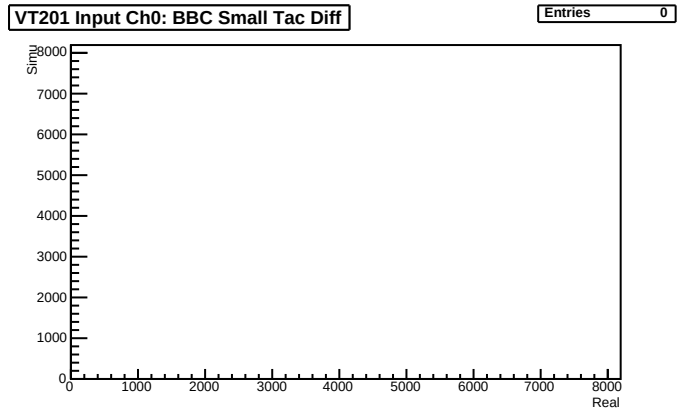

zdcWestTac
Entries 543823

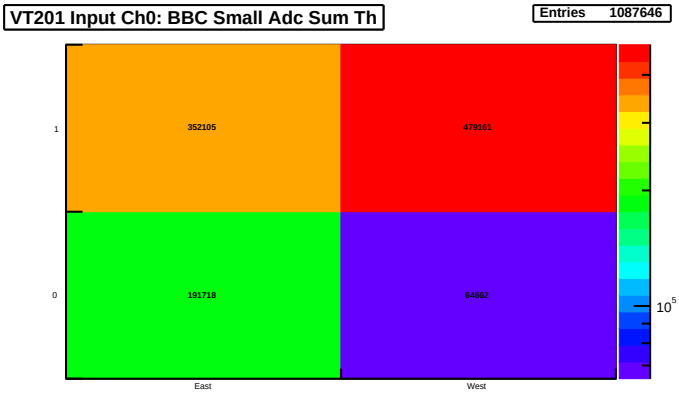

zdcWestTacVsSimu
Entries 0
Data
Simu

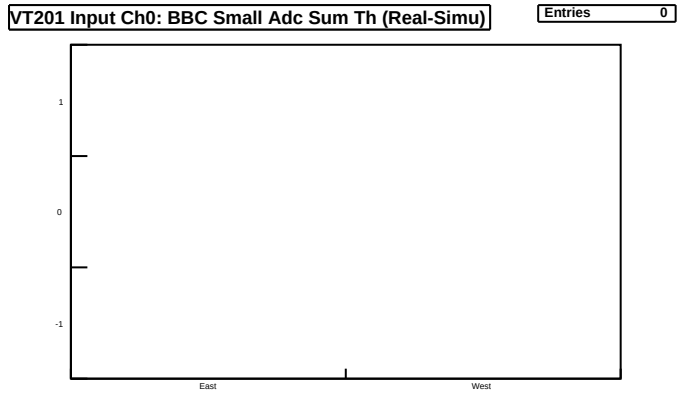

zdcAdcSum
Entries 6525876
44073
5902
17
15
7
4
105518
7299
82
70
51
44
499750
537921
543806
543808
543816
543819
438305
536524
543741
543753
543772
543779
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

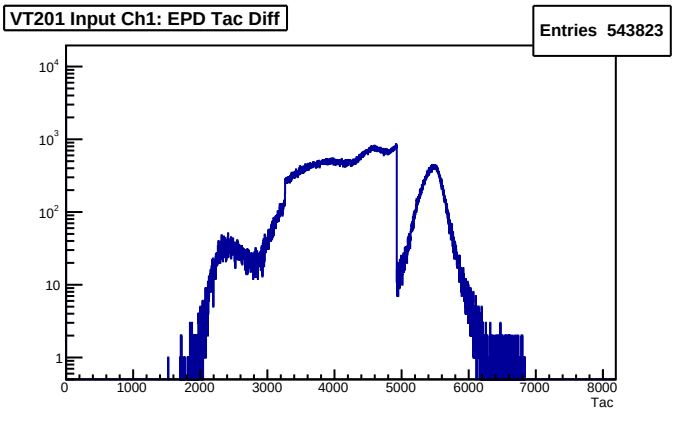

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

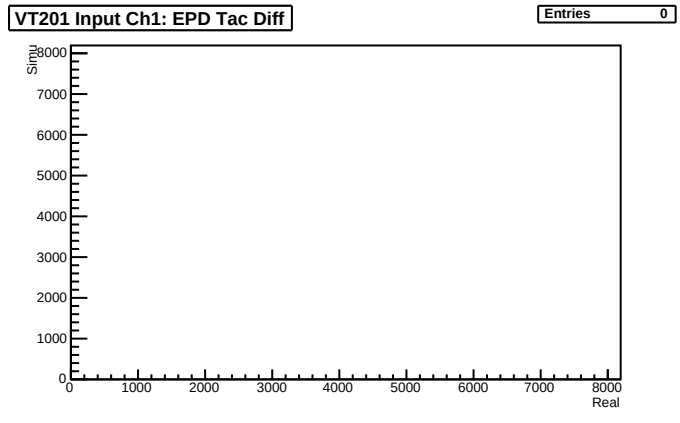

VT201 Input Ch0: BBC Small Tac Diff
Entries 543823
Tac

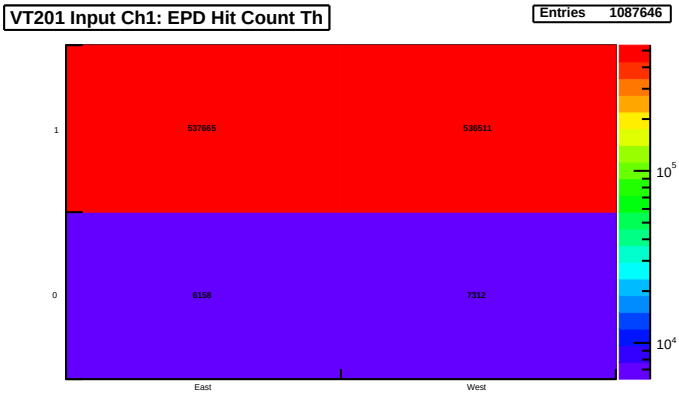

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

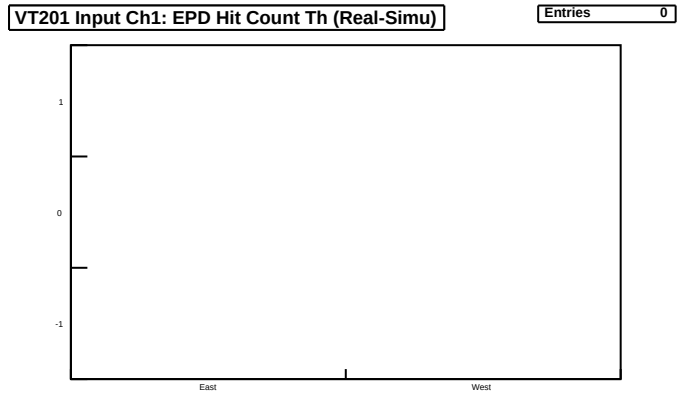

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1087646
352105
479161
191718
64662
East
West

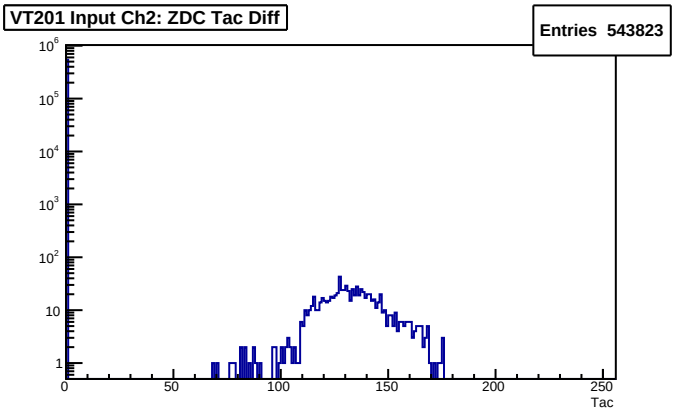

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

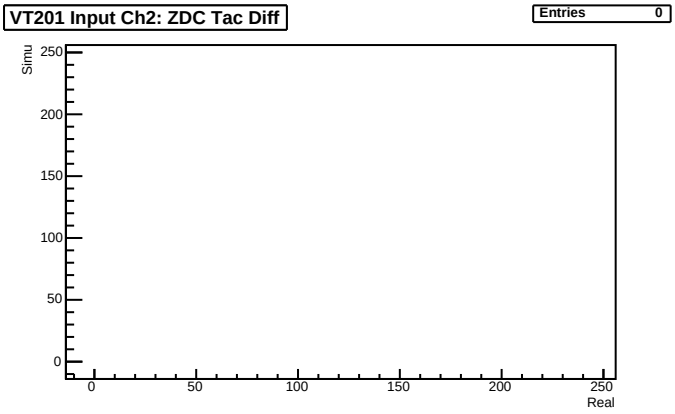

VT201 Input Ch1: EPD Tac Diff
Entries 543823
Tac

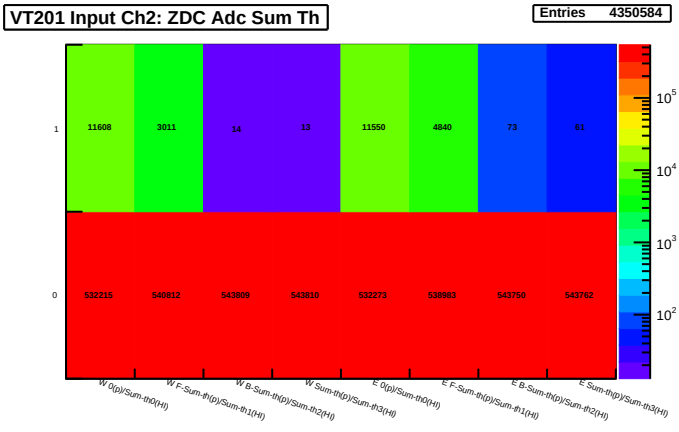

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

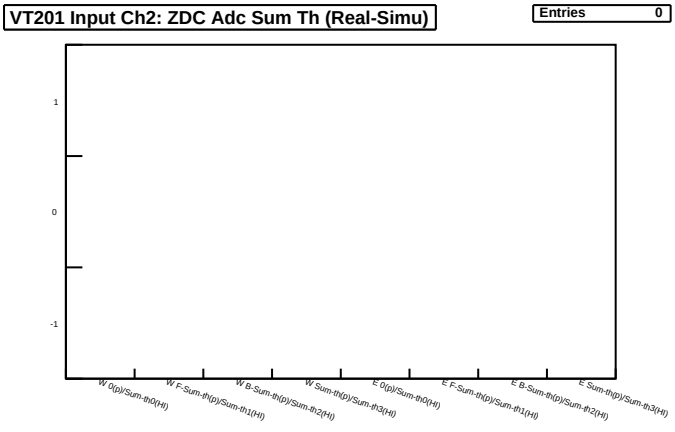

VT201 Input Ch1: EPD Hit Count Th
Entries 1087646
537665
536511
6158
7312
East
West

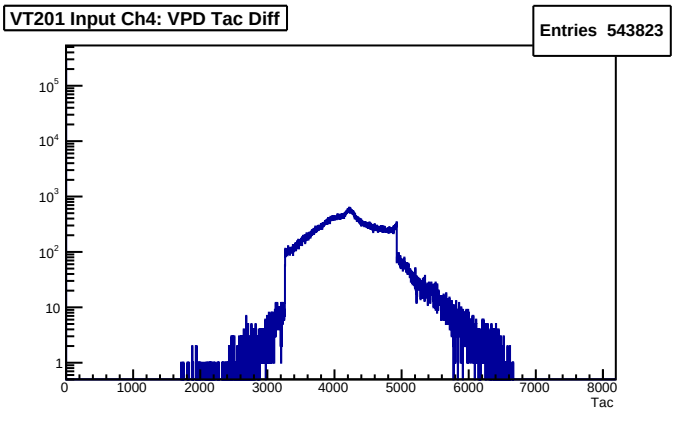

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

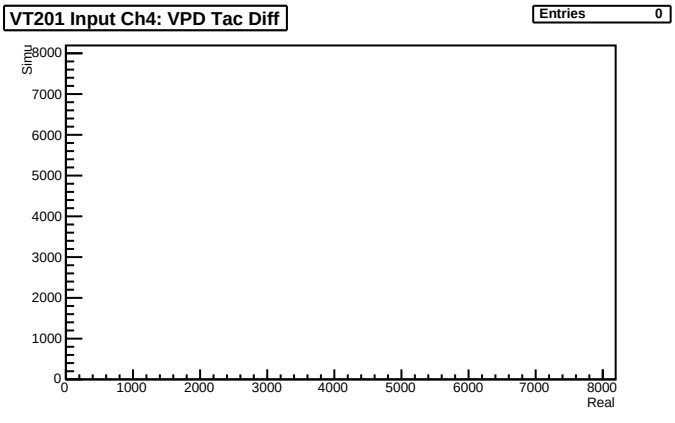

VT201 Input Ch2: ZDC Tac Diff
Entries 543823
Tac

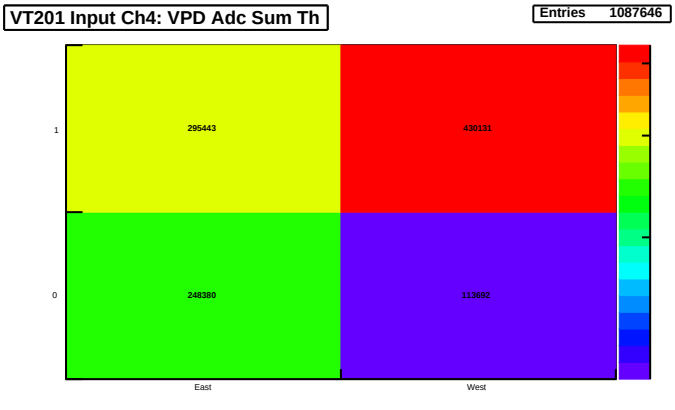

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

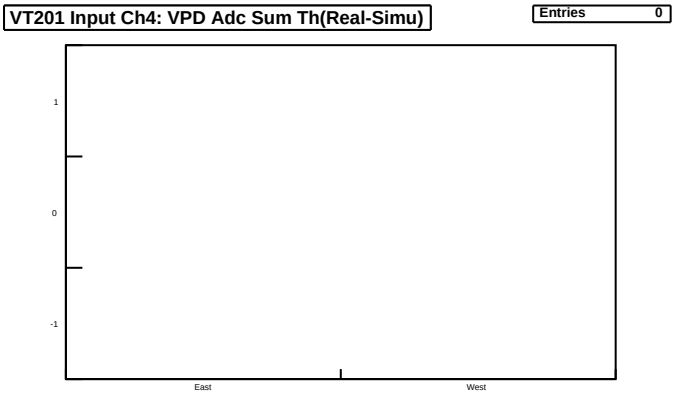

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4350584
11608
3011
14
13
11550
4840
73
61
532215
540812
543809
543810
532273
538983
543750
543762
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

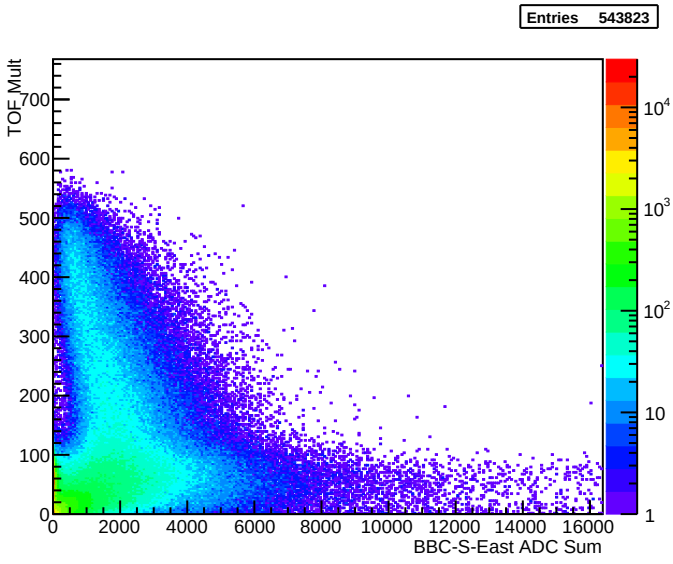

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

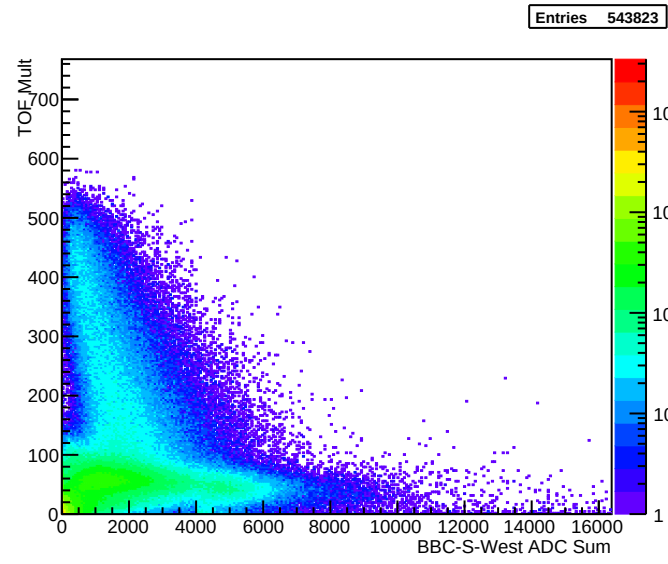

VT201 Input Ch4: VPD Tac Diff
Entries 543823
Tac

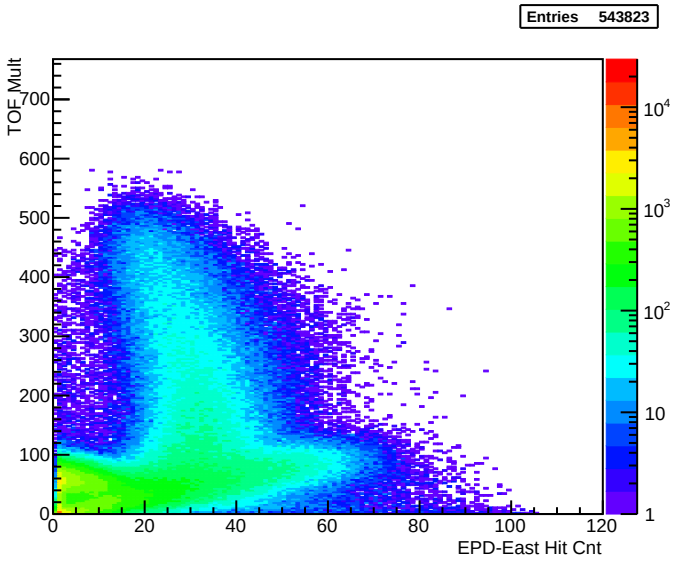

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

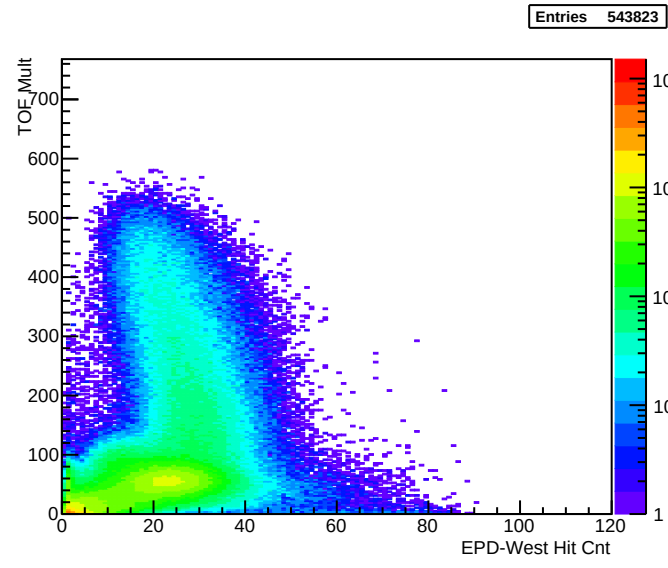

VT201 Input Ch4: VPD Adc Sum Th
Entries 1087646
295443
430131
248380
113692
East
West

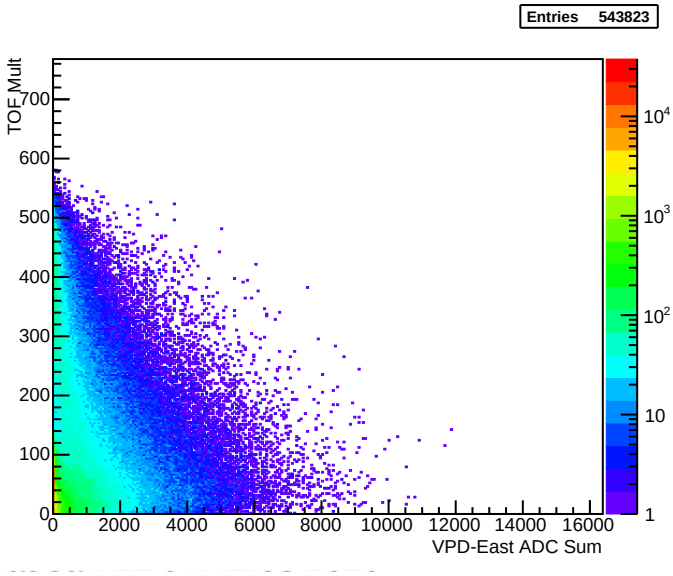

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

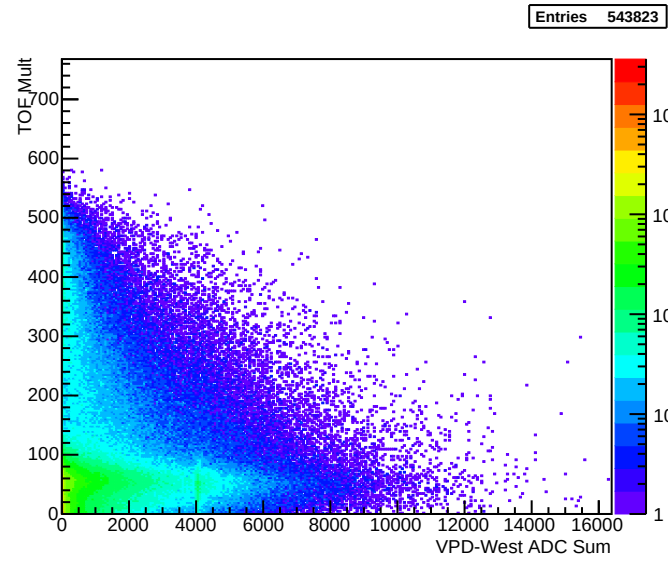

Entries 543823
TOF_Mult
BBC-S-East ADC Sum

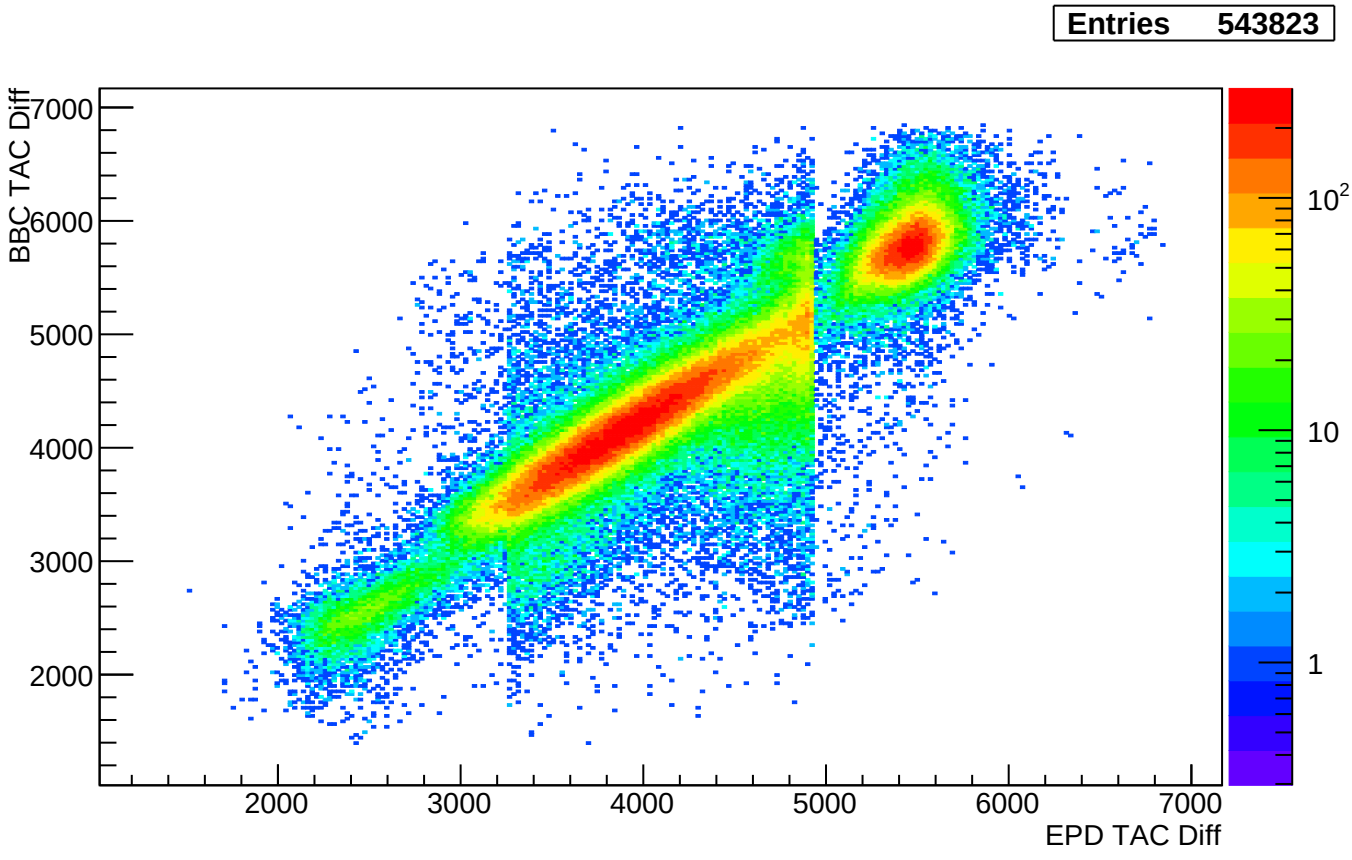

Entries 543823
TOF_Mult
BBC-S-West ADC Sum

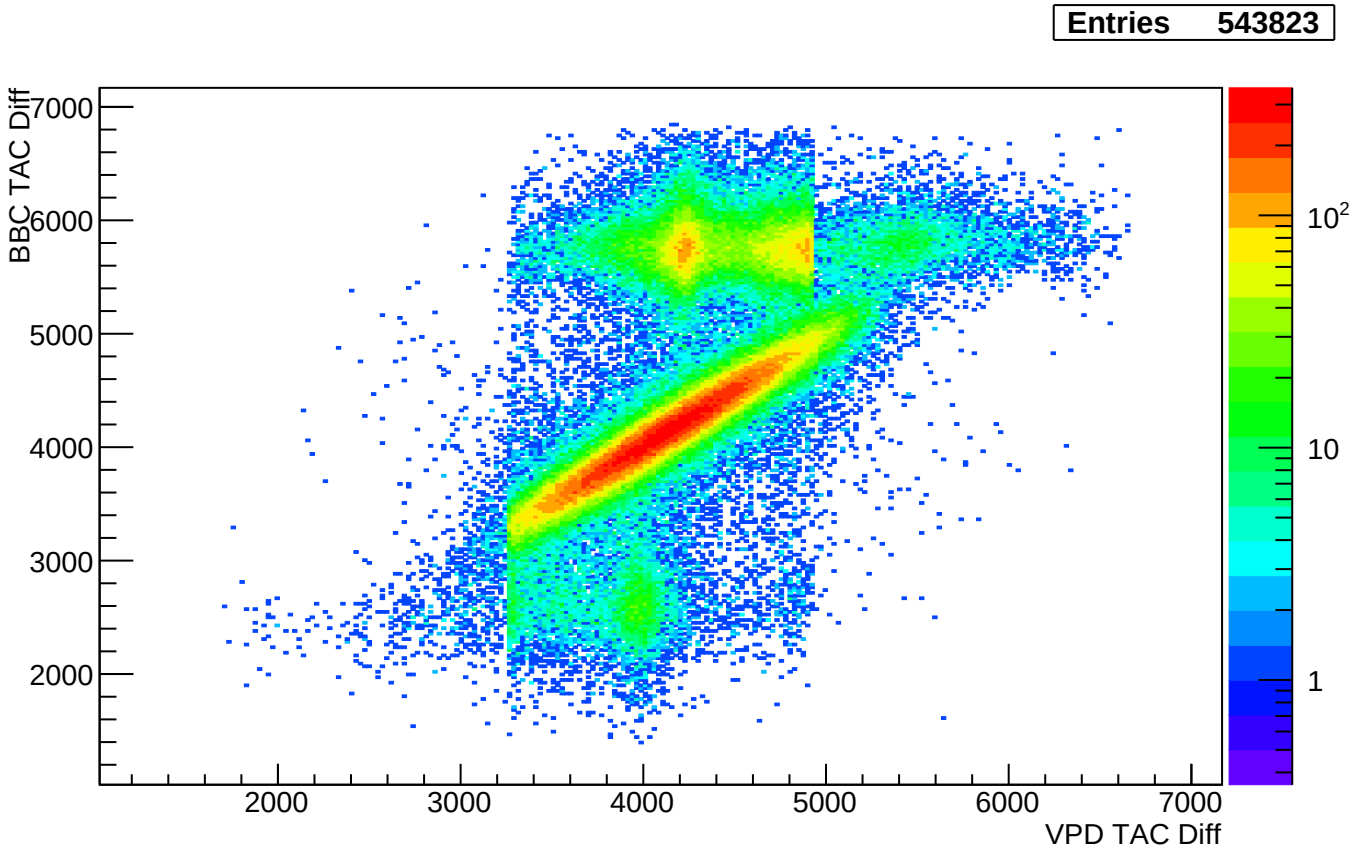

Entries 543823
TOF_Mult
EPD-East Hit Cnt

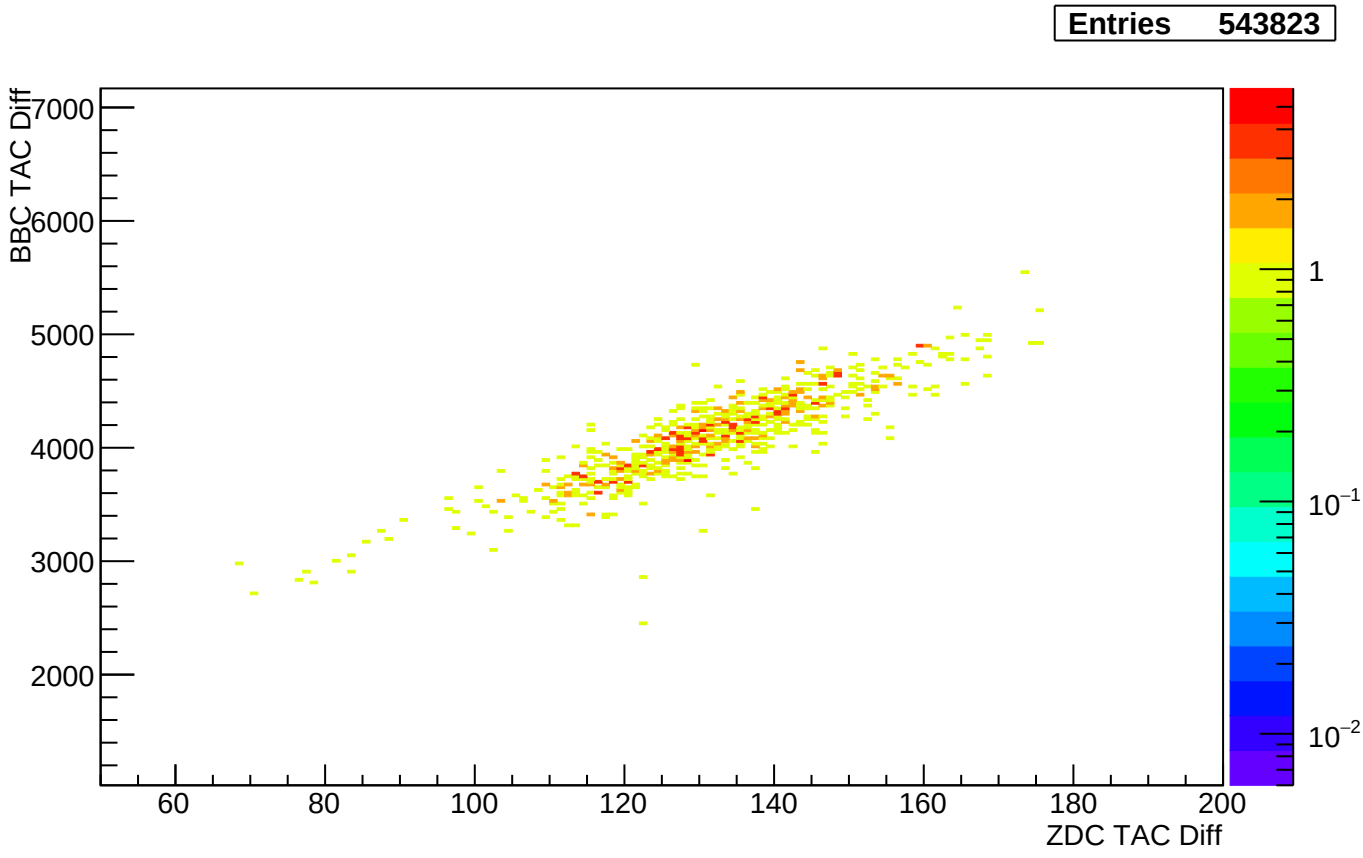

Entries 543823
TOF_Mult
EPD-West Hit Cnt

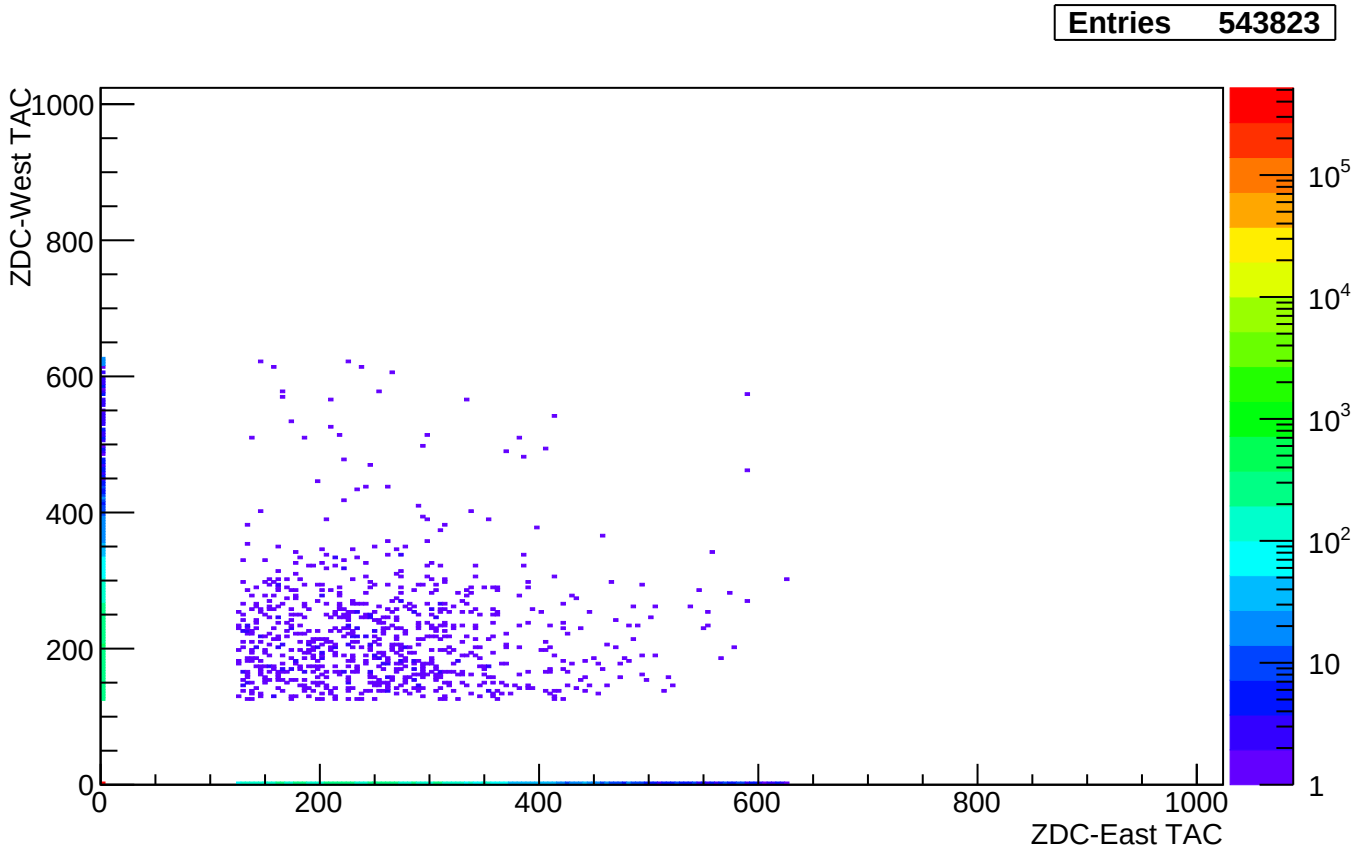

Entries 543823
TOF_Mult
VPD-East ADC Sum

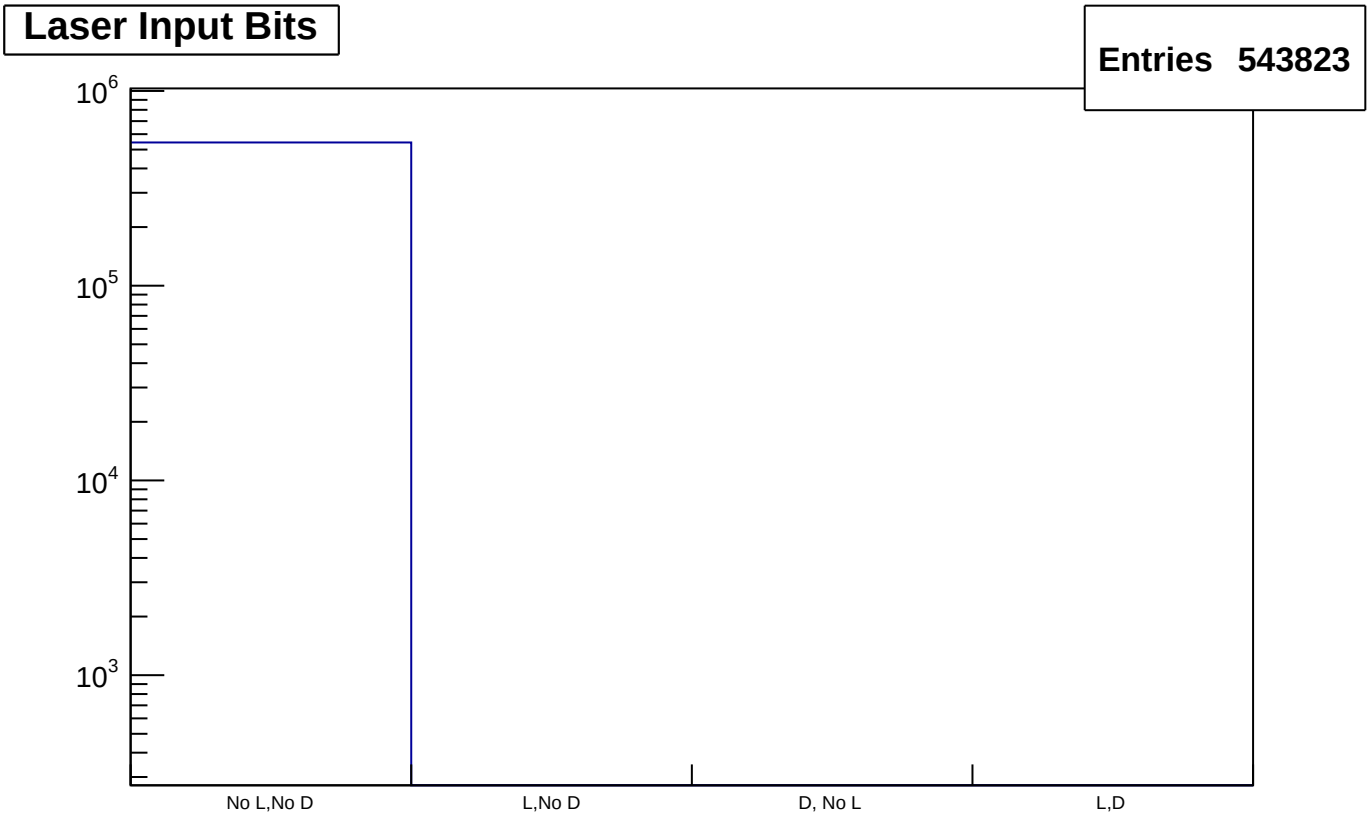

Entries 543823
TOF_Mult
VPD-West ADC Sum

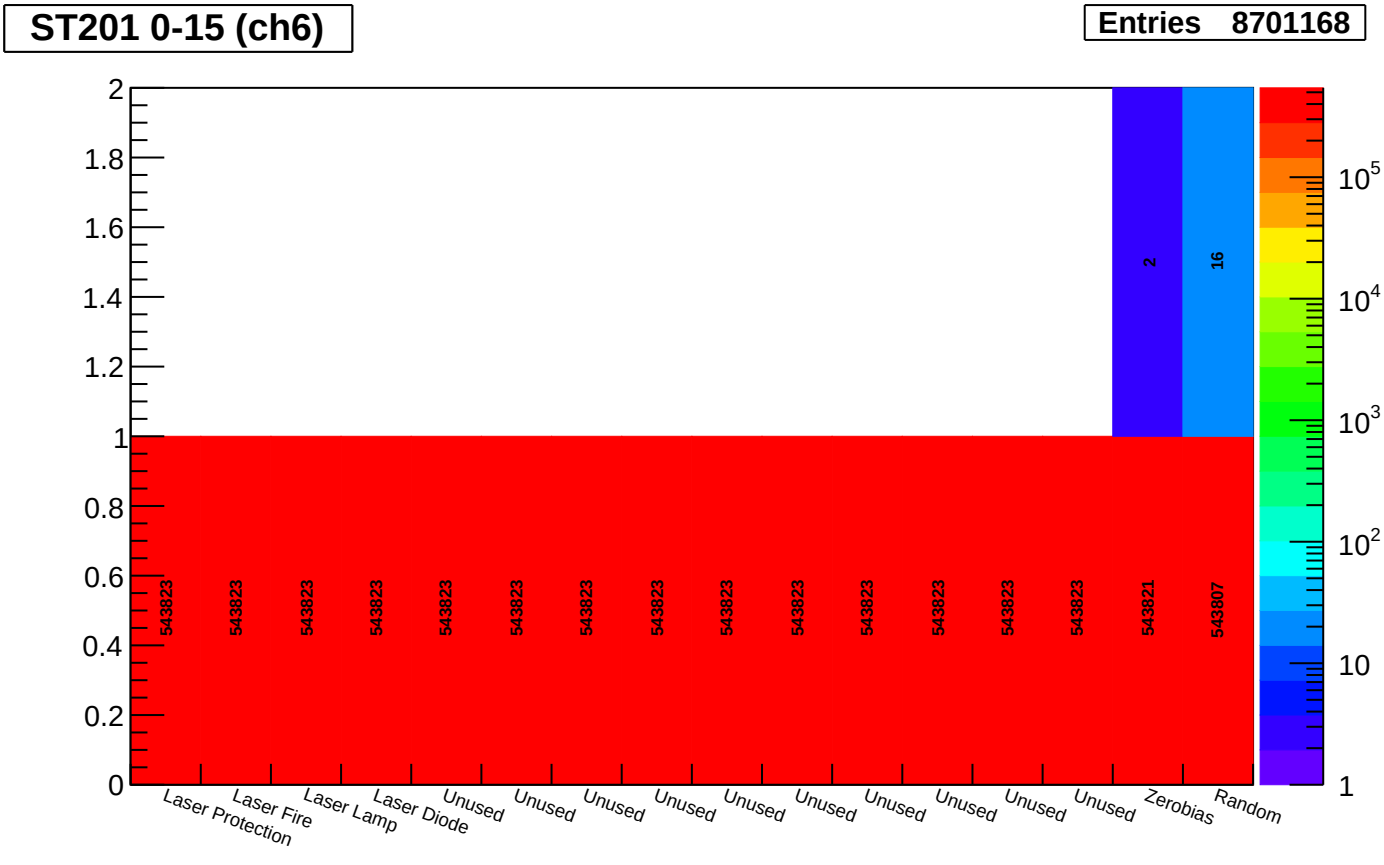

Entries 543823
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

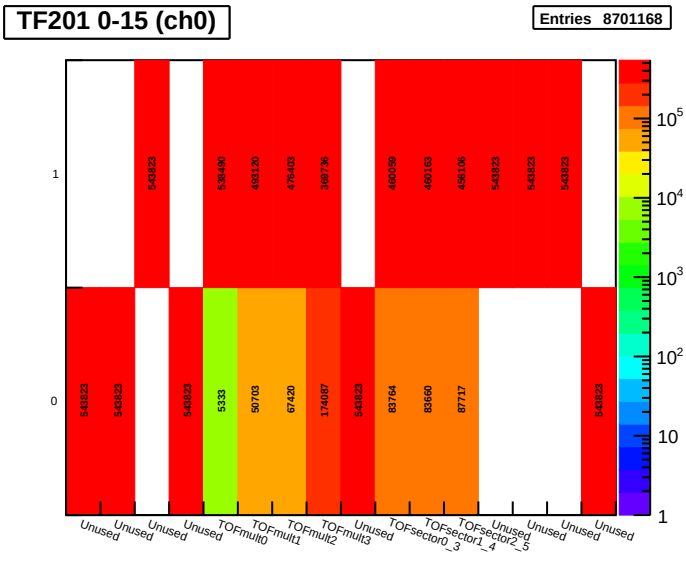

Entries 543823
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

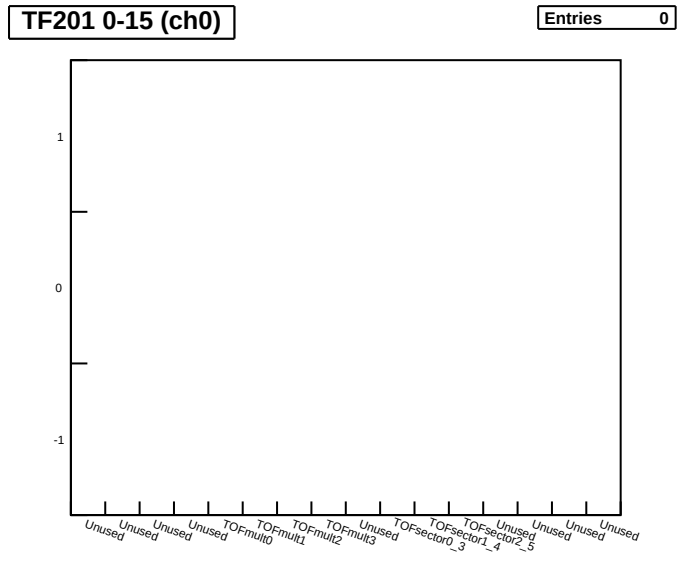

Entries 543823
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

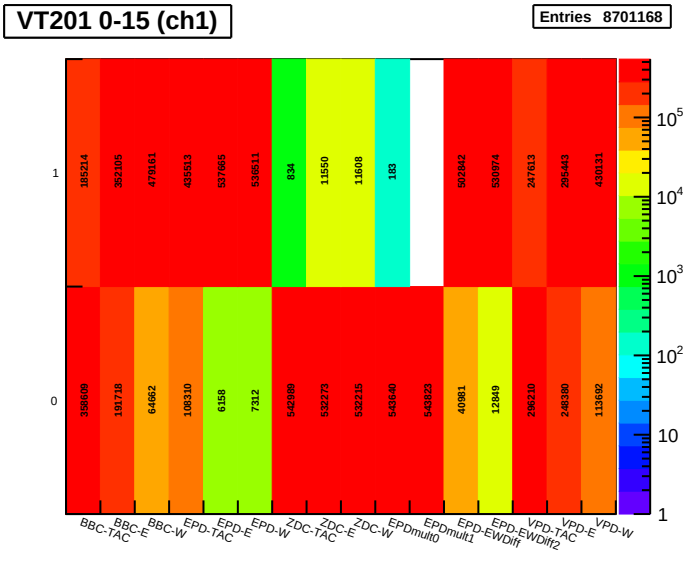

Entries 543823
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

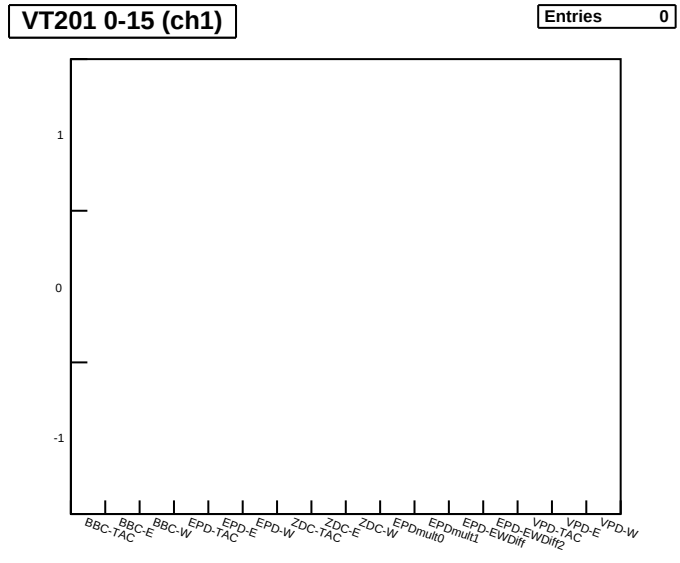

Laser Input Bits
Entries 543823
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

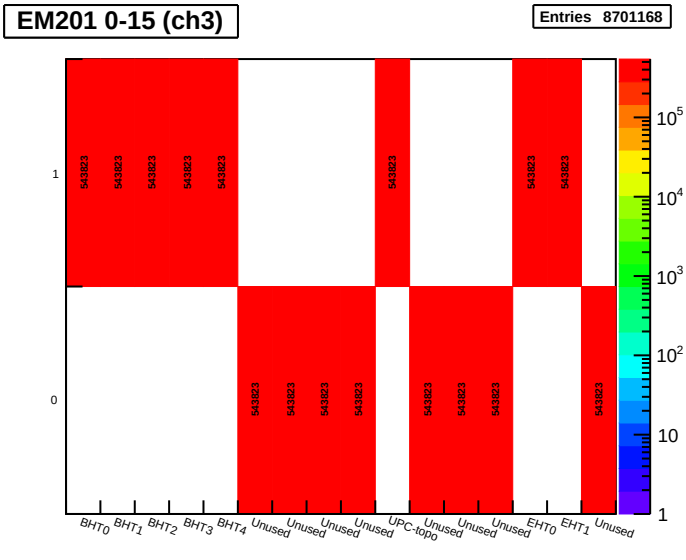

ST201 0-15 (ch6)
Entries 8701168
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543821
543807
2
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

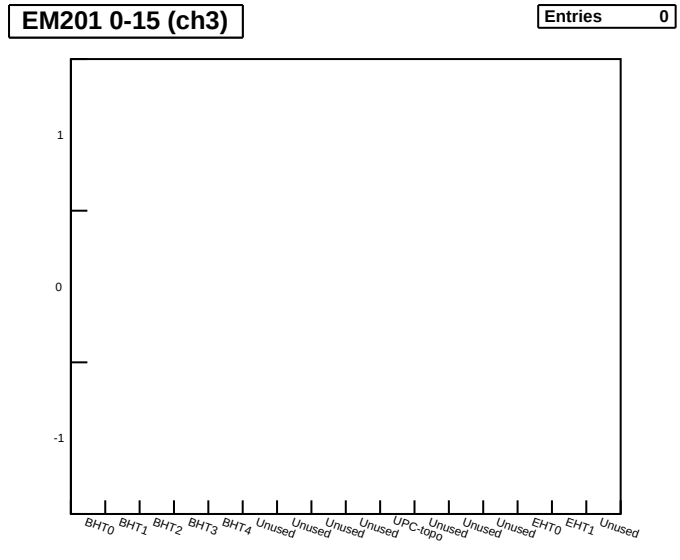

TF201 0-15 (ch0)
Entries 8701168
1
0
543823
538490
493120
476403
369736
460059
460163
456106
543823
543823
543823
543823
543823
5333
50703
67420
174087
543823
83764
83660
87717
543823
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 8701168
1
0
185214
352105
479161
435513
537665
536611
834
11550
11608
183
502842
530974
247613
295443
430131
358609
191718
64662
108310
6158
7312
542989
532273
532215
543640
543823
40981
12849
286210
248380
113692
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 8701168
1
0
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
543823
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1