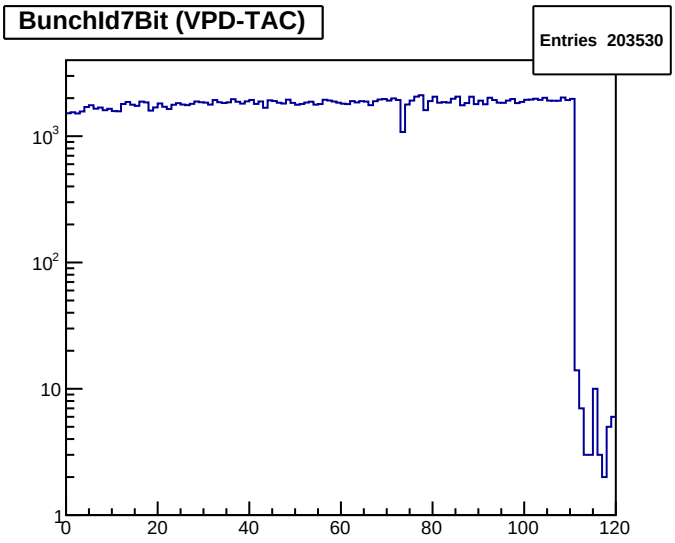
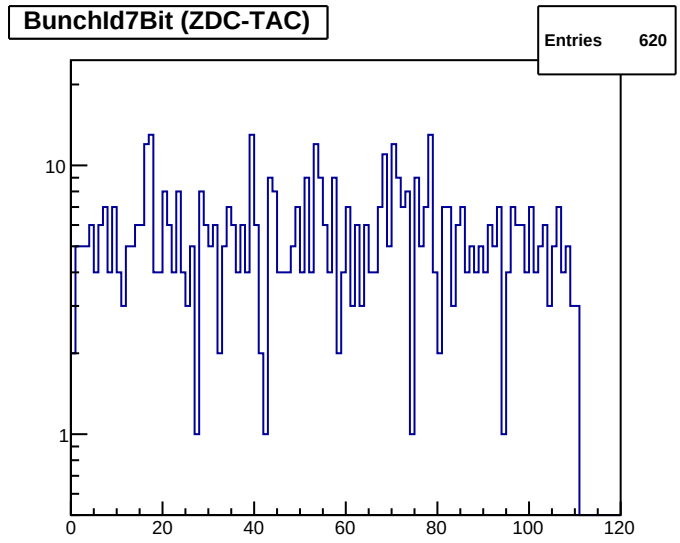
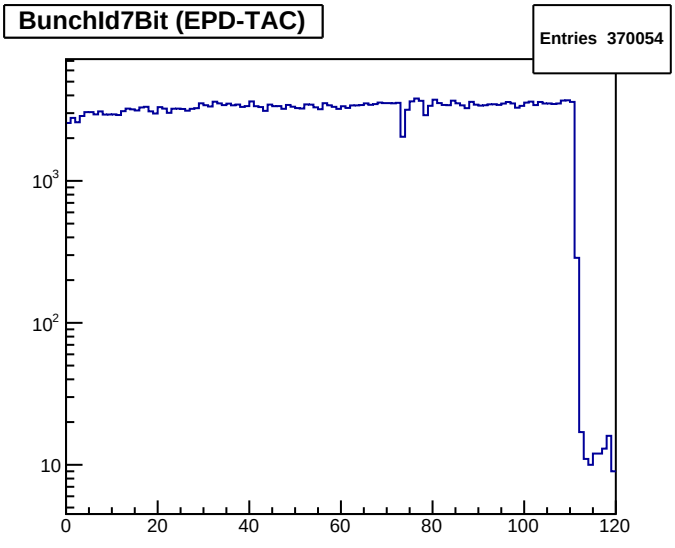
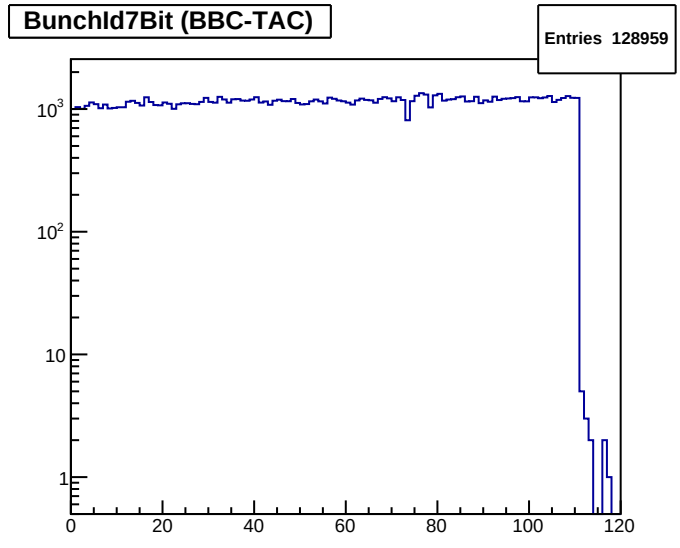
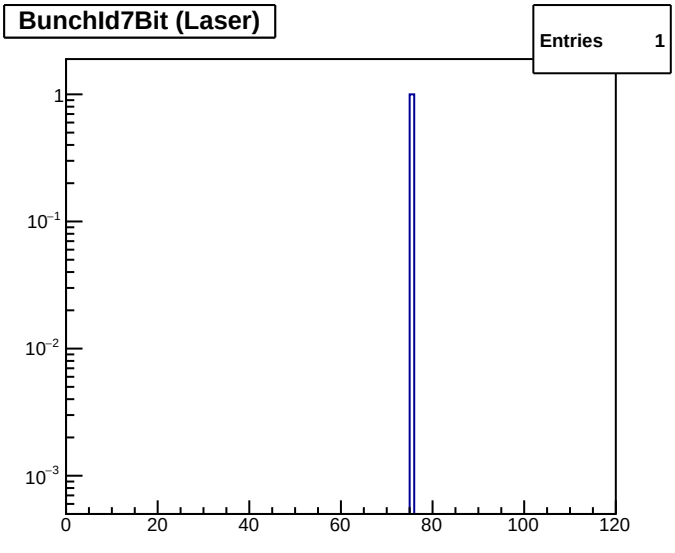
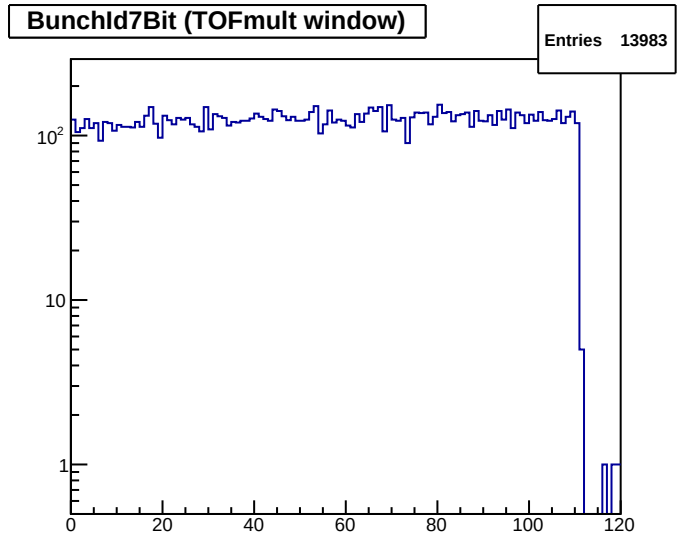

BunchId7Bit (VPD-TAC)
Entries 203530

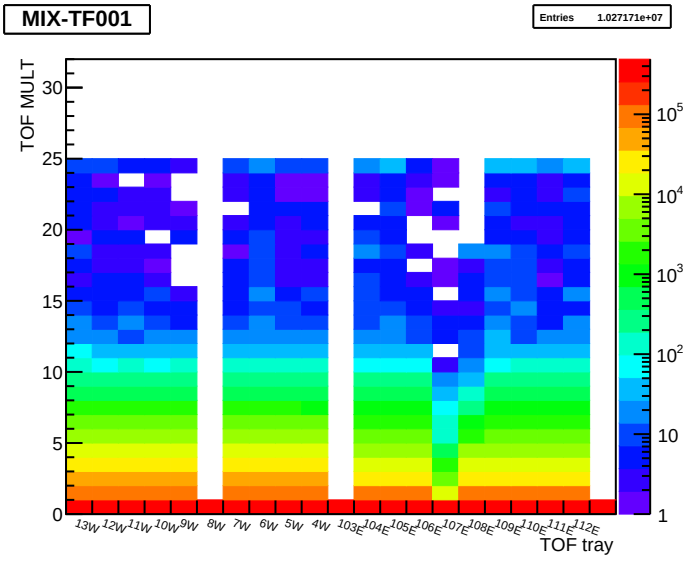

BunchId7Bit (ZDC-TAC)
Entries 620

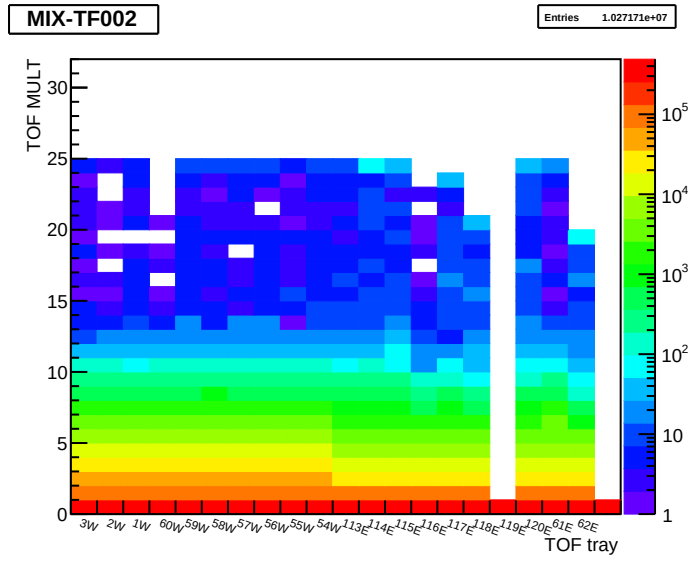

BunchId7Bit (EPD-TAC)
Entries 370054

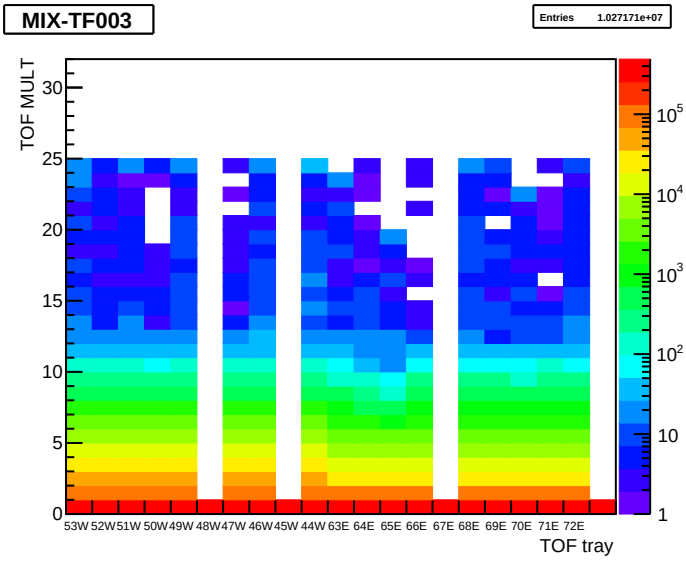

BunchId7Bit (BBC-TAC)
Entries 128959

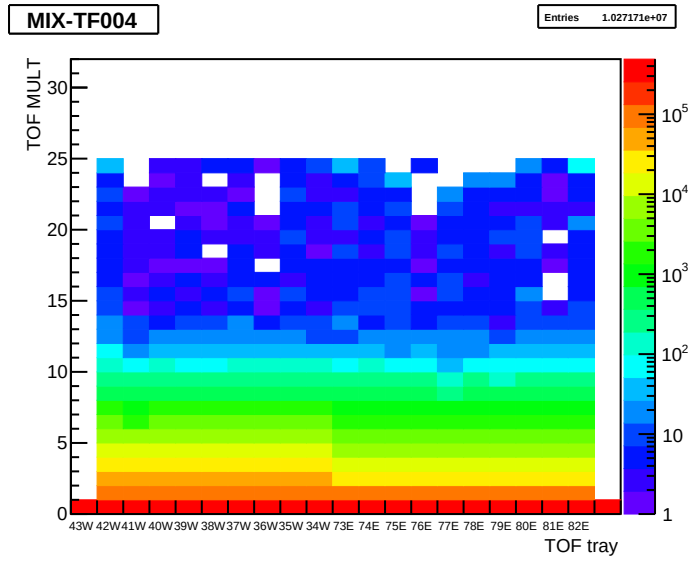

BunchId7Bit (Laser)
Entries 1

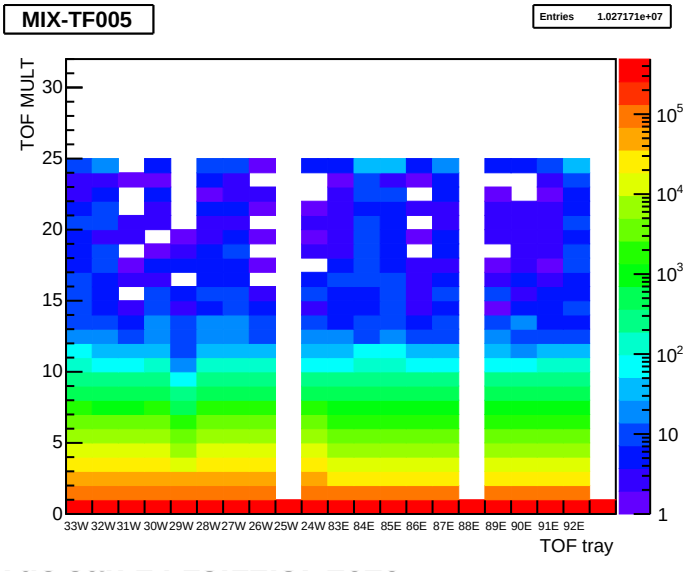

BunchId7Bit (TOFmult window)
Entries 13983

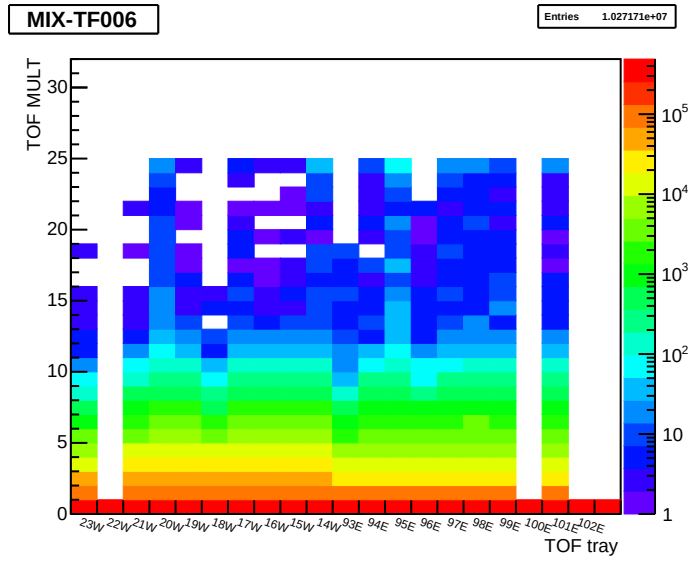

MIX-TF001
Entries 1.027171e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

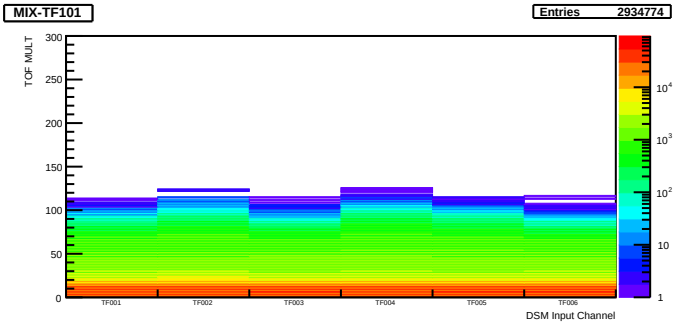

MIX-TF002
Entries 1.027171e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

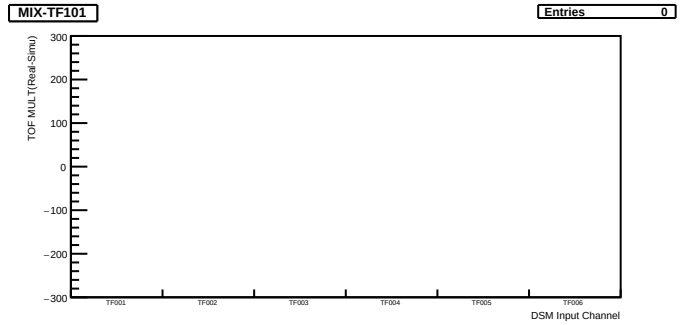

MIX-TF003
Entries 1.027171e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

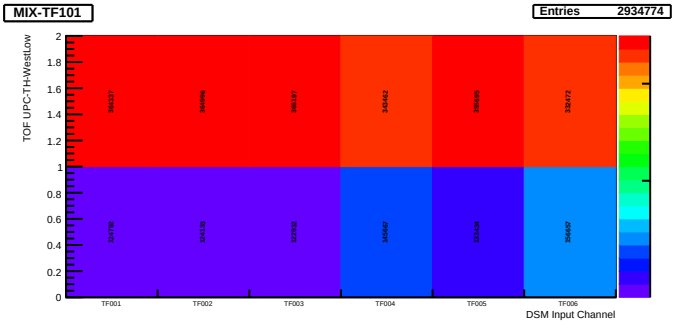

MIX-TF004
Entries 1.027171e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

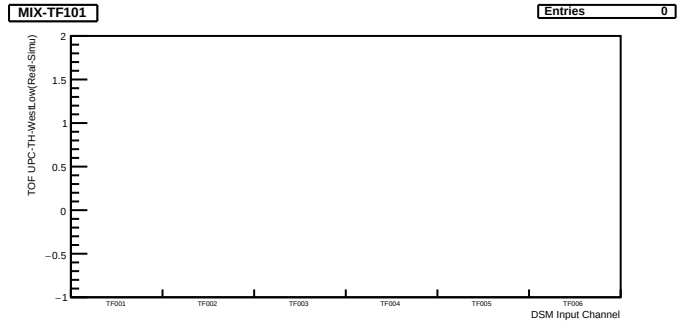

MIX-TF005
Entries 1.027171e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

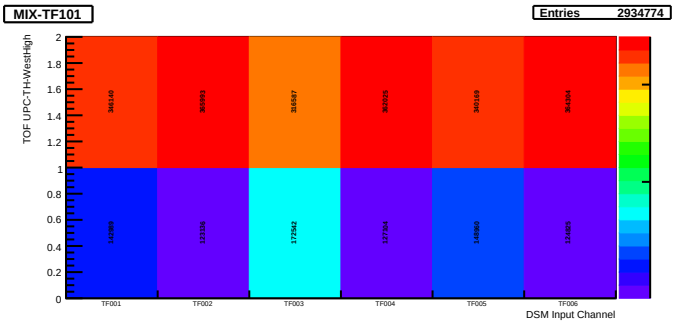

MIX-TF006
Entries 1.027171e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

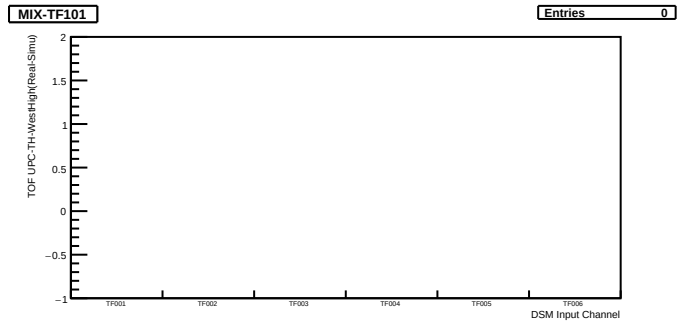

MIX-TF101
Entries 2934774
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

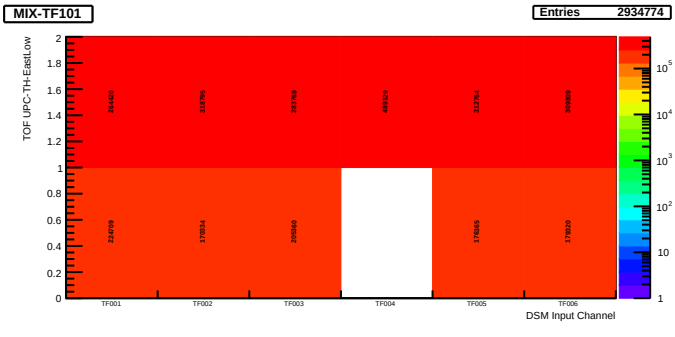

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

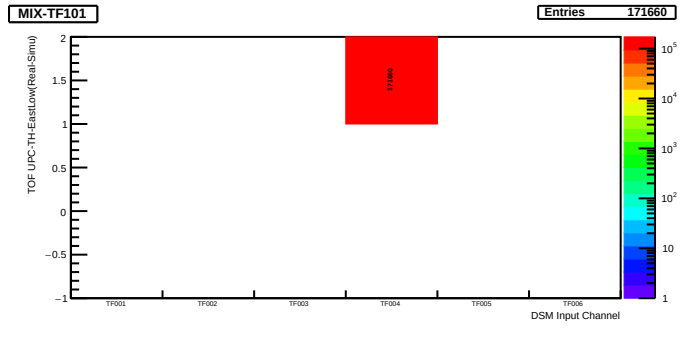

MIX-TF101
Entries 2934774
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

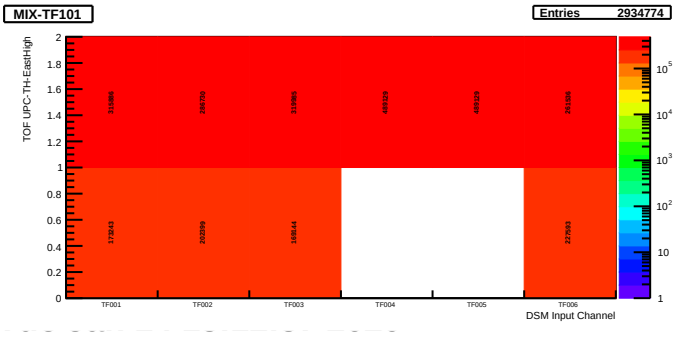

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

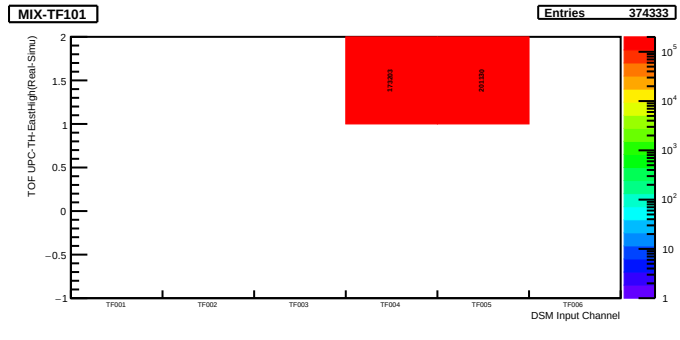

MIX-TF101
Entries 2934774
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

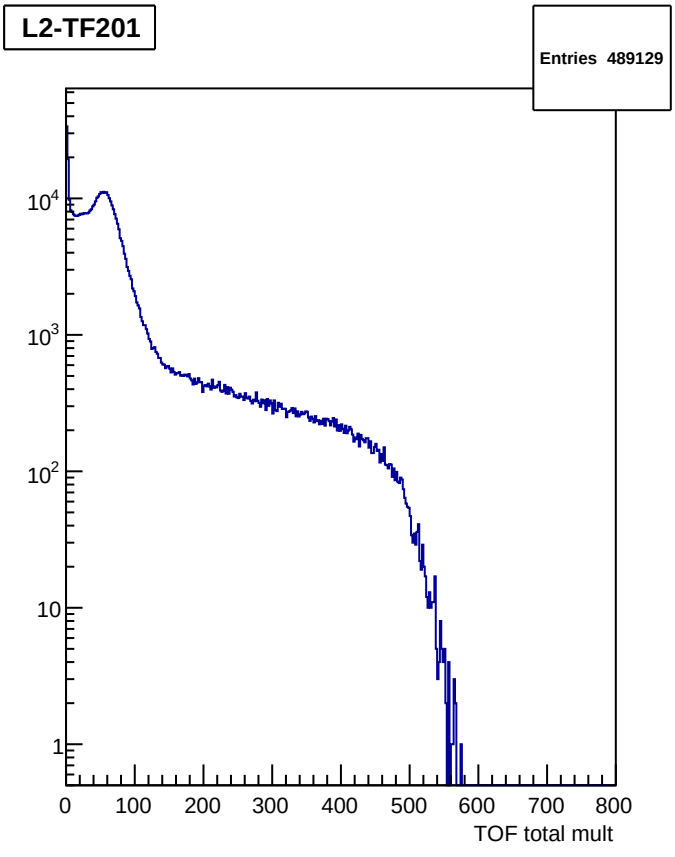

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

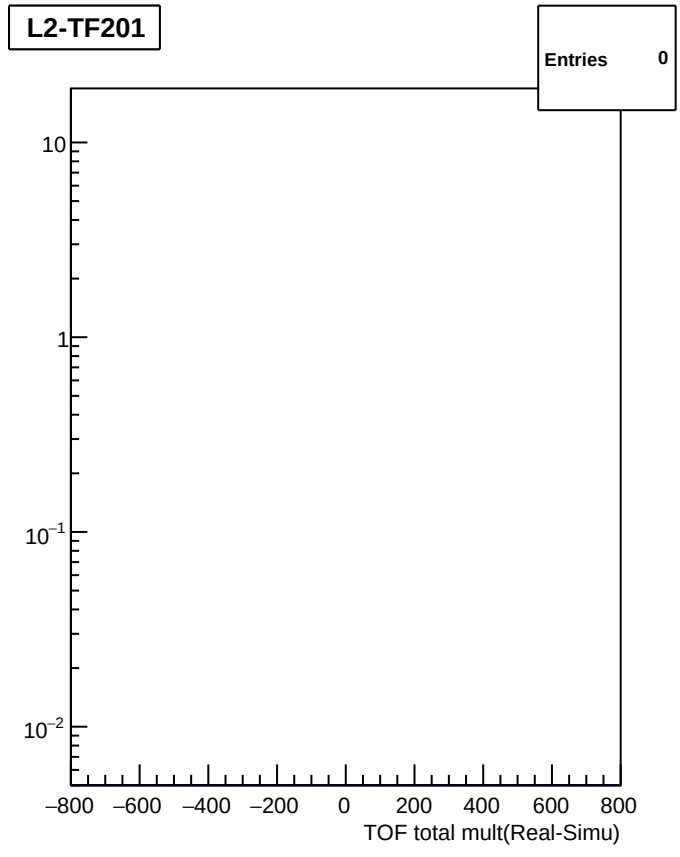

MIX-TF101
Entries 2934774
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

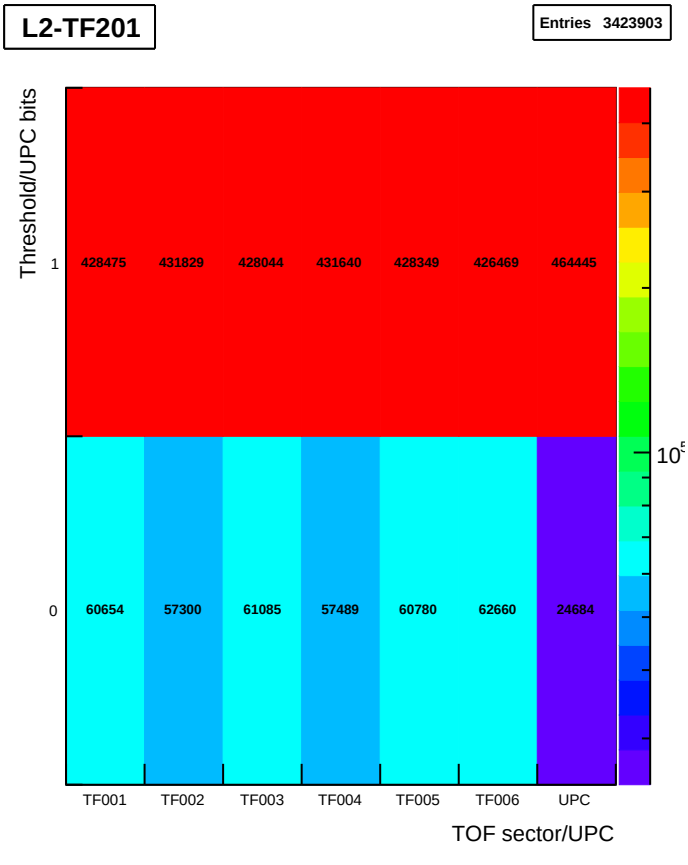

MIX-TF101
Entries 171660
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

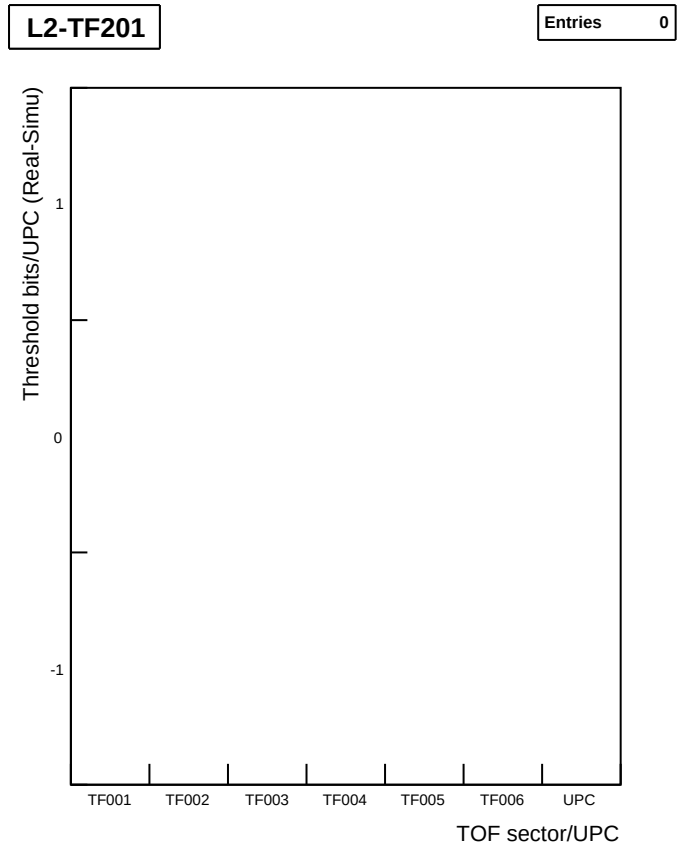

MIX-TF101
Entries 2934774
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

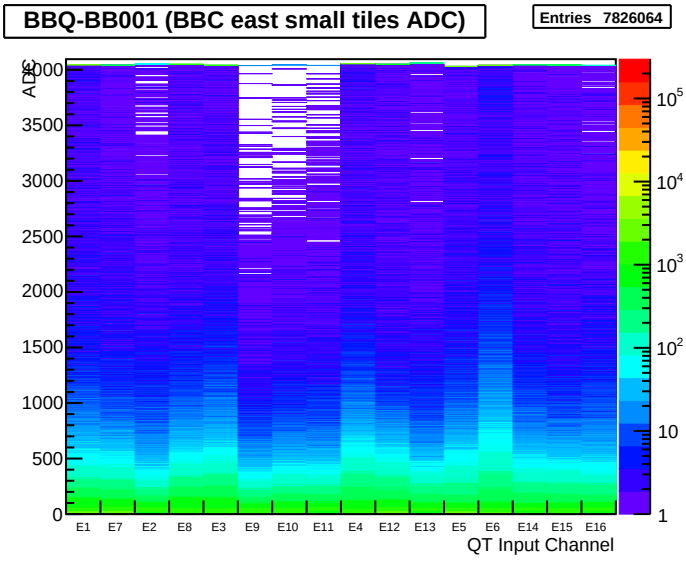

MIX-TF101
Entries 374333
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

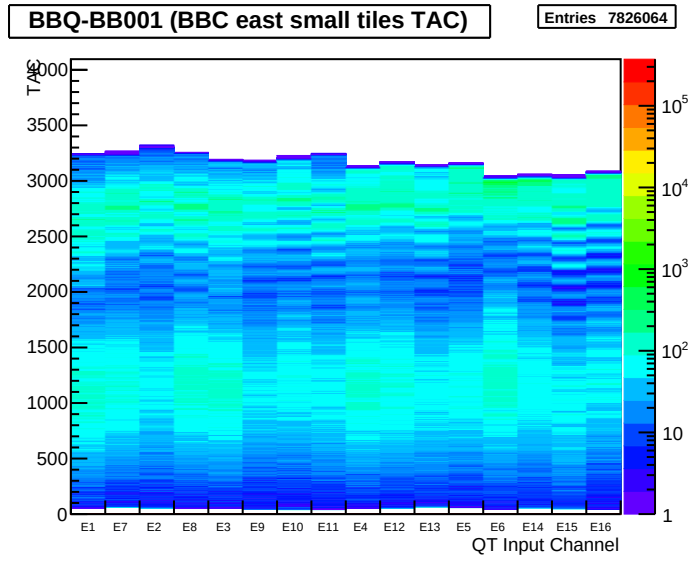

L2-TF201
Entries 489129
TOF total mult

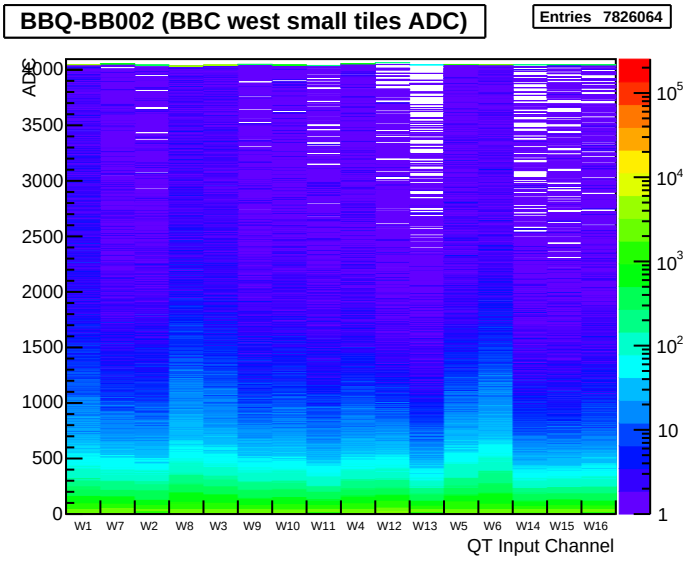

L2-TF201
Entries 0
TOF total mult(Real-Simu)

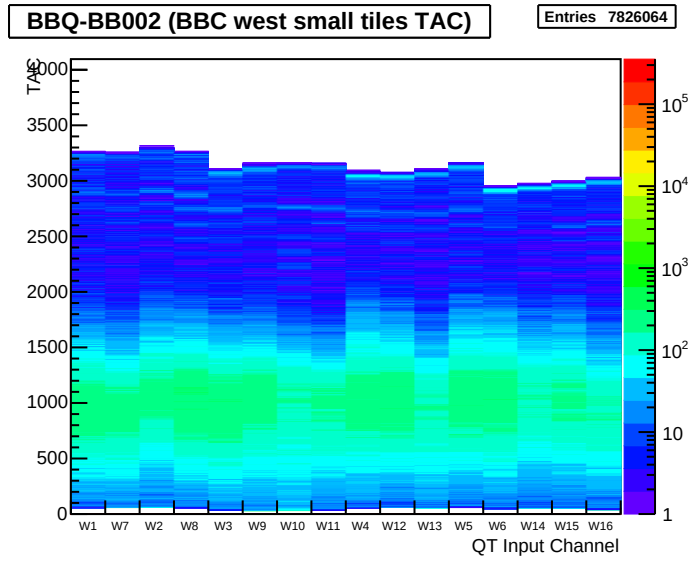

L2-TF201
Entries 3423903
Threshold/UPC bits
428475
431829
428044
431640
428349
426469
464445
60654
57300
61085
57489
60780
62660
24684
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

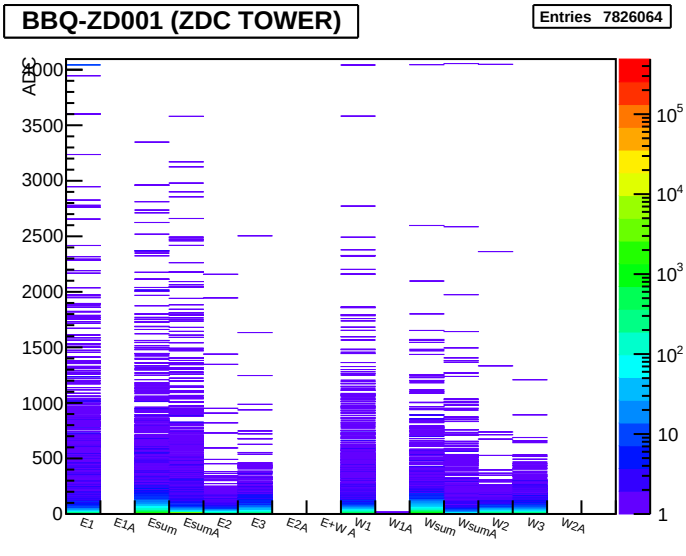

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

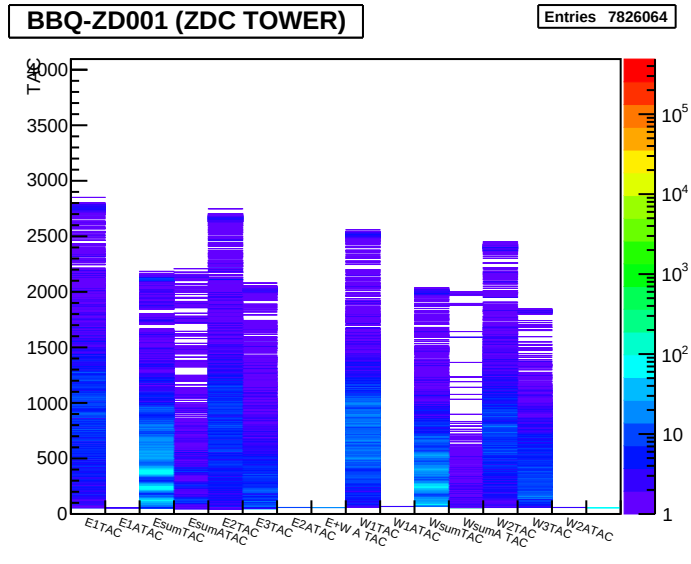

BBQ-BB001 (BBC east small tiles ADC)
Entries 7826064
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

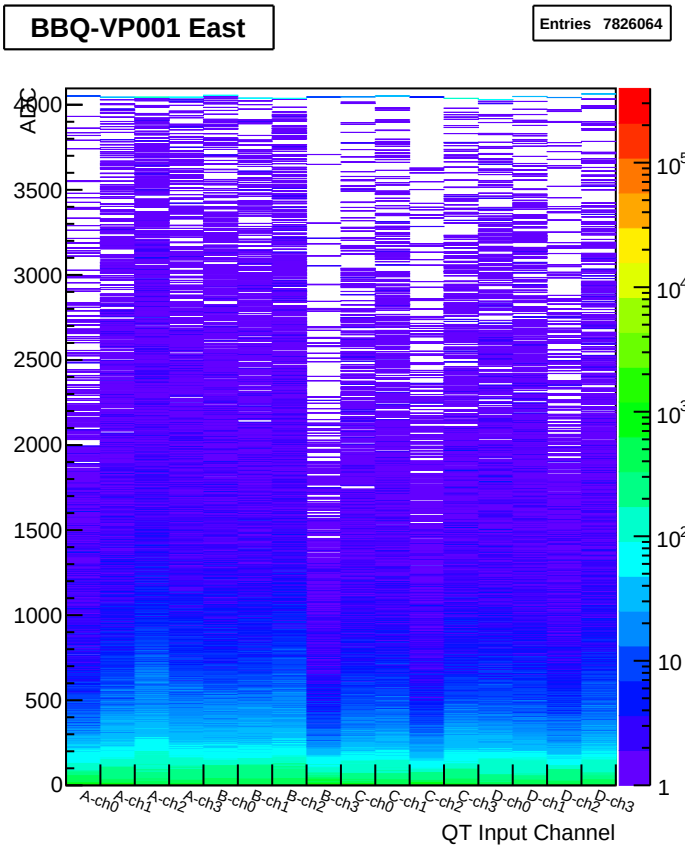

BBQ-BB001 (BBC east small tiles TAC)
Entries 7826064
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

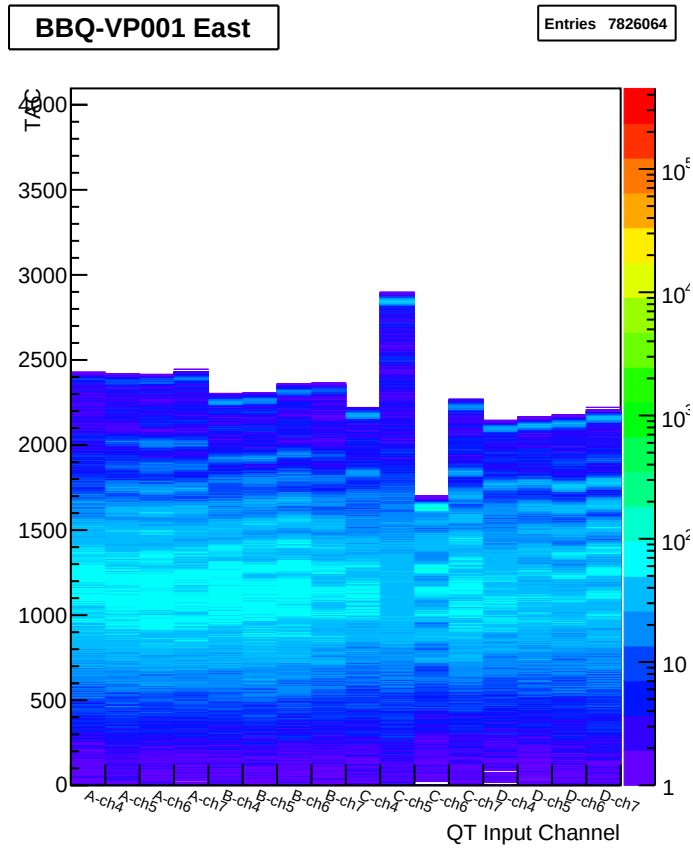

BBQ-BB002 (BBC west small tiles ADC)
Entries 7826064
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

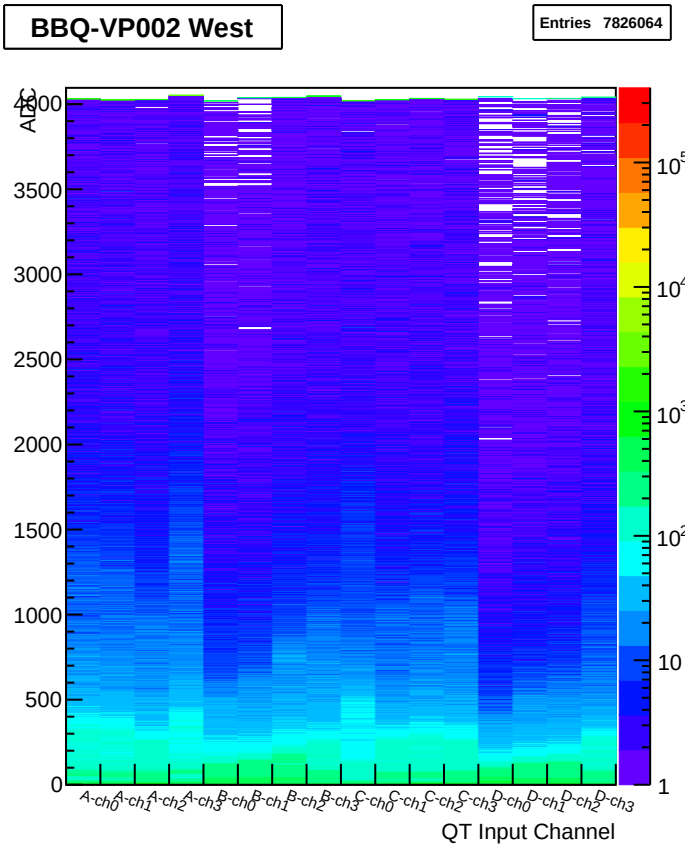

BBQ-BB002 (BBC west small tiles TAC)
Entries 7826064
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

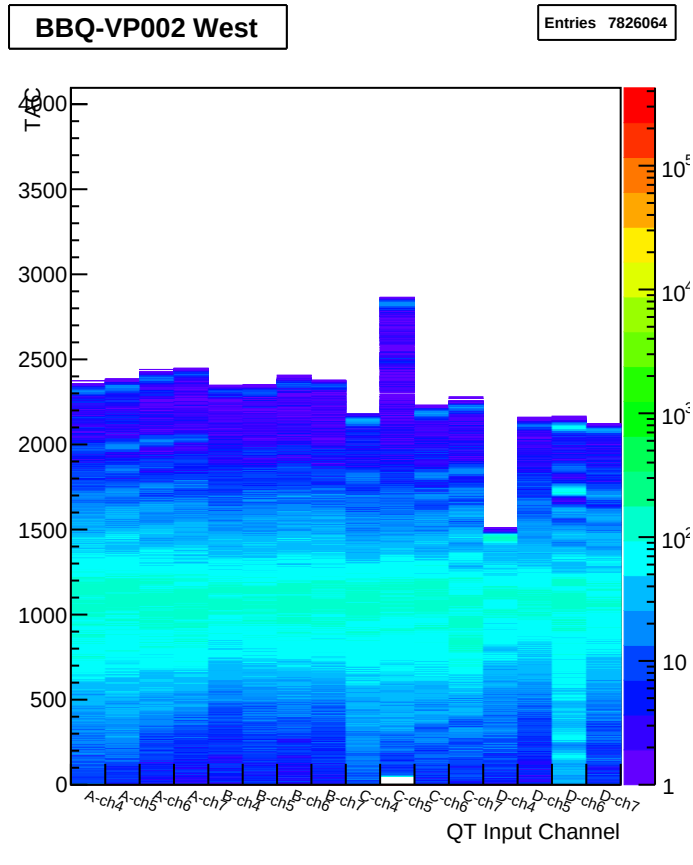

BBQ-ZD001 (ZDC TOWER)
Entries 7826064
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

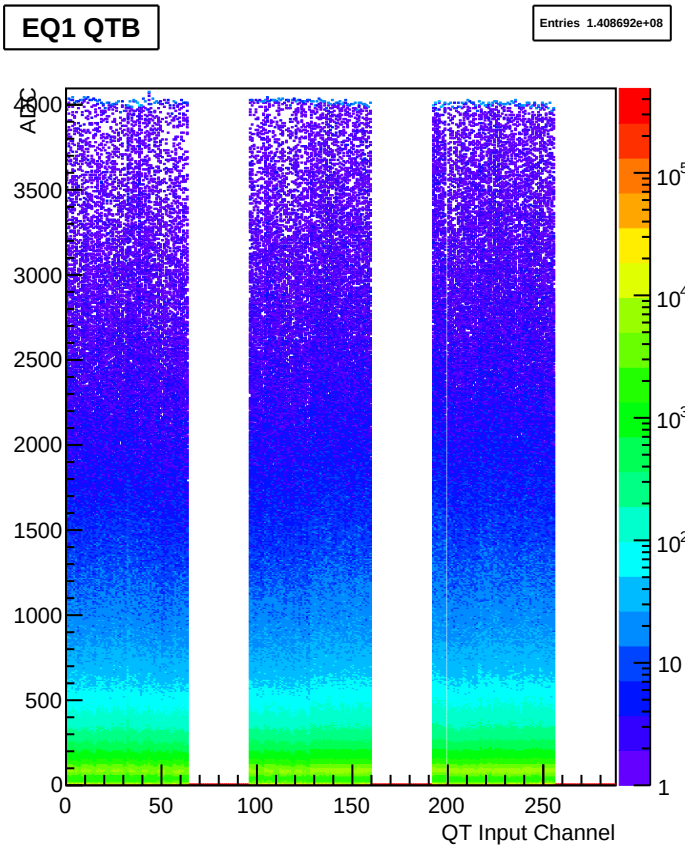

BBQ-ZD001 (ZDC TOWER)
Entries 7826064
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

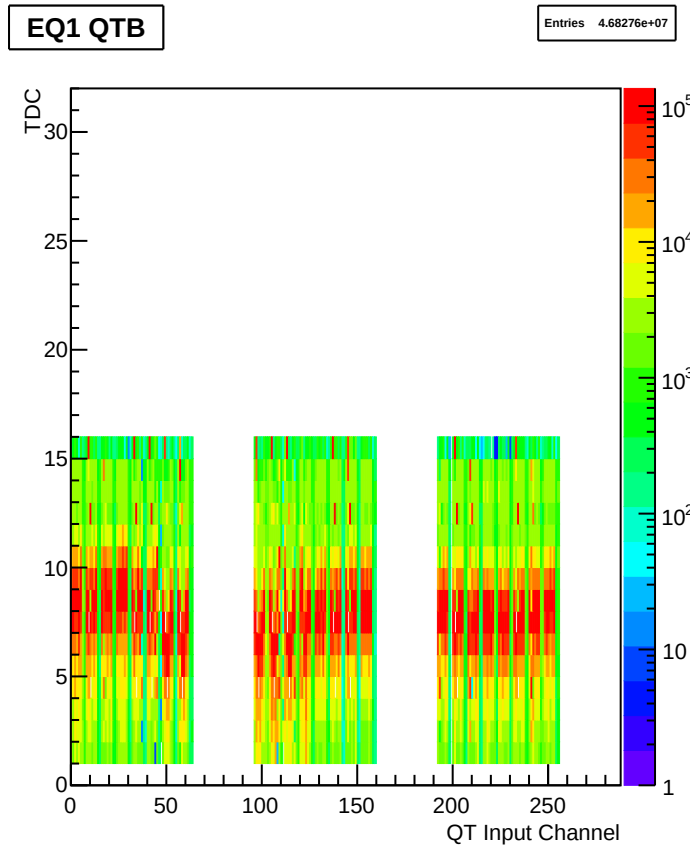

BBQ-VP001 East
Entries 7826064
ADC
QT Input Channel

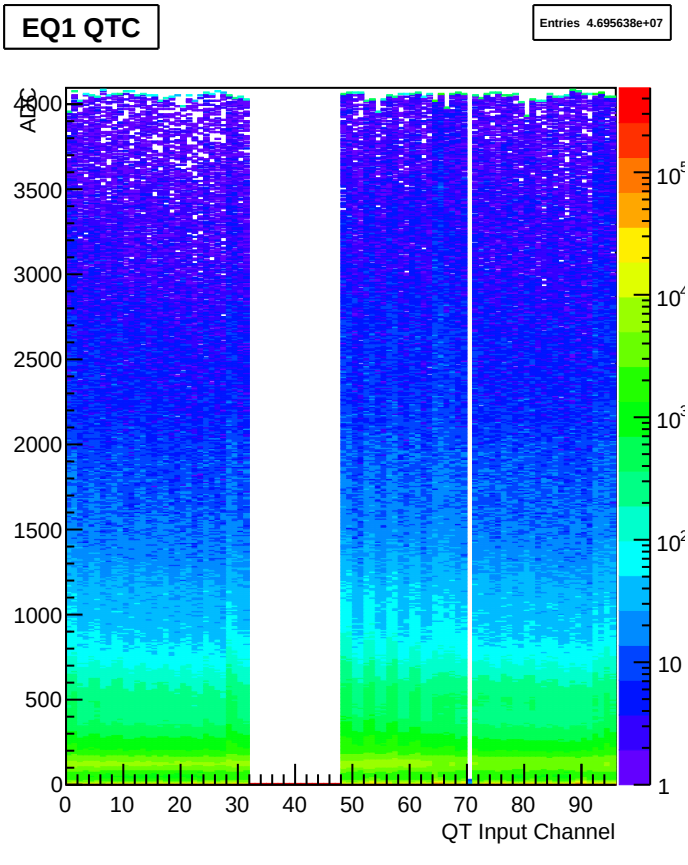

BBQ-VP001 East
Entries 7826064
ADC
QT Input Channel

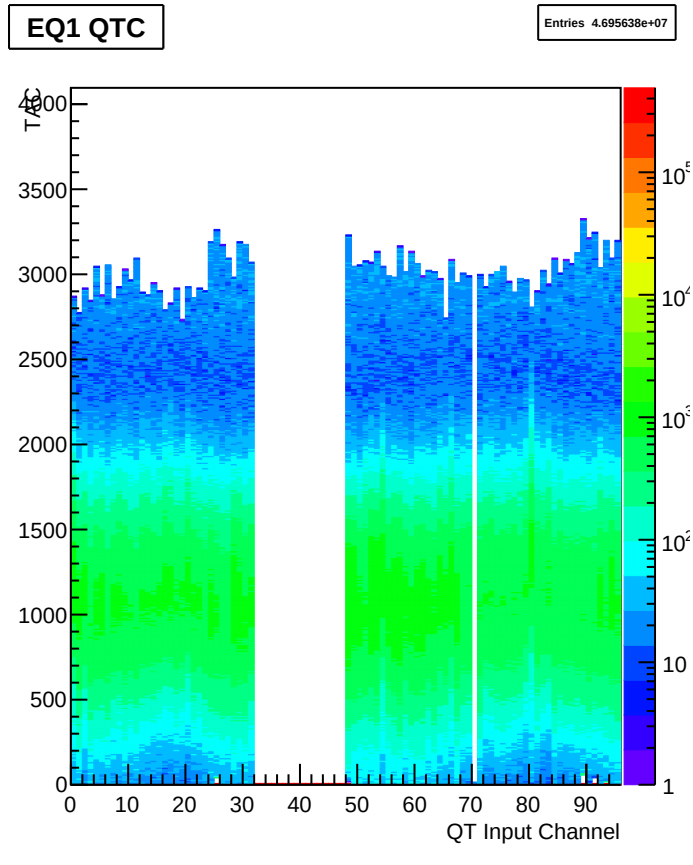

BBQ-VP002 West
Entries 7826064
ADC
QT Input Channel

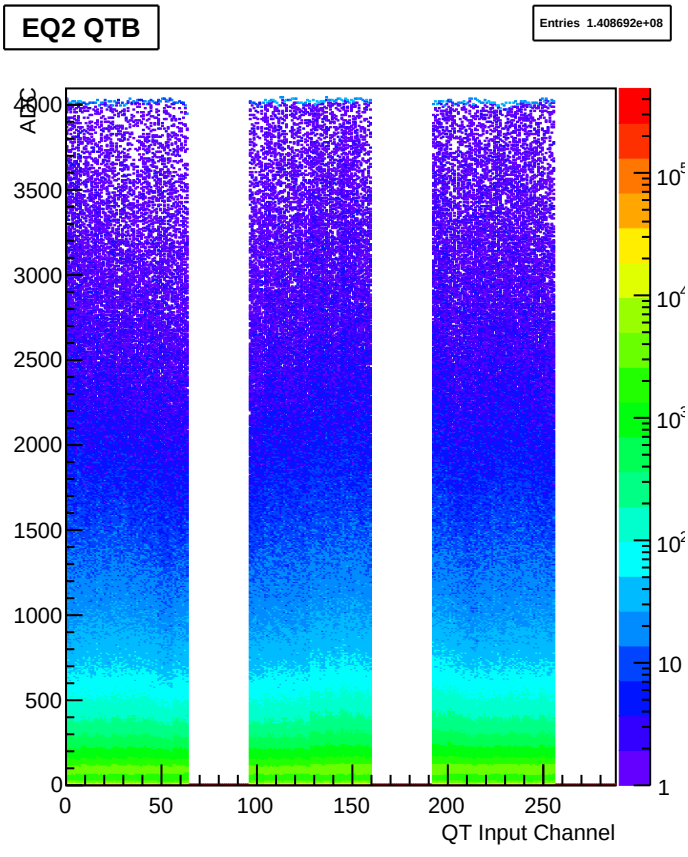

BBQ-VP002 West
Entries 7826064
ADC
QT Input Channel

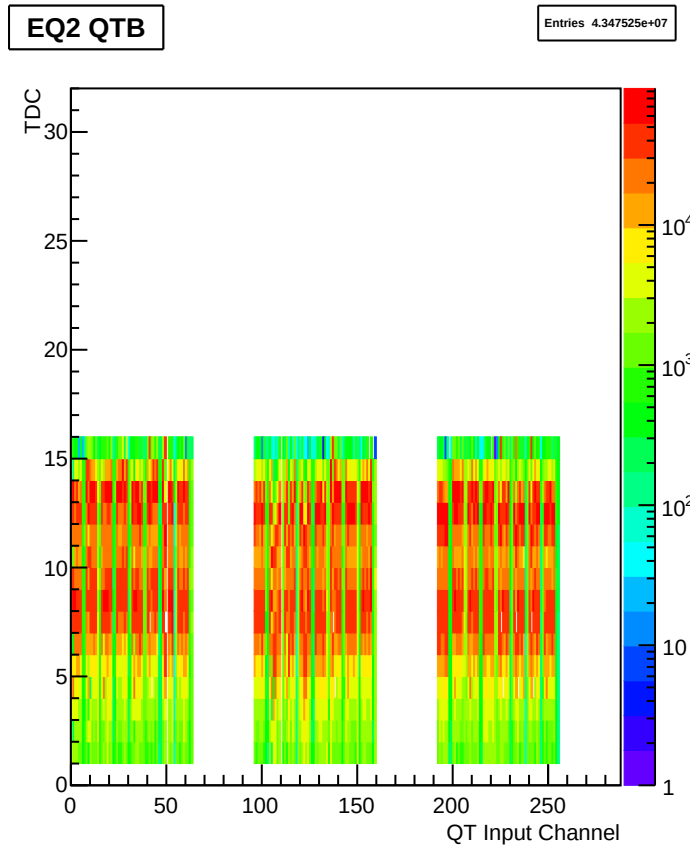

EQ1 QTB
Entries 1.408692e+08
ADC
QT Input Channel

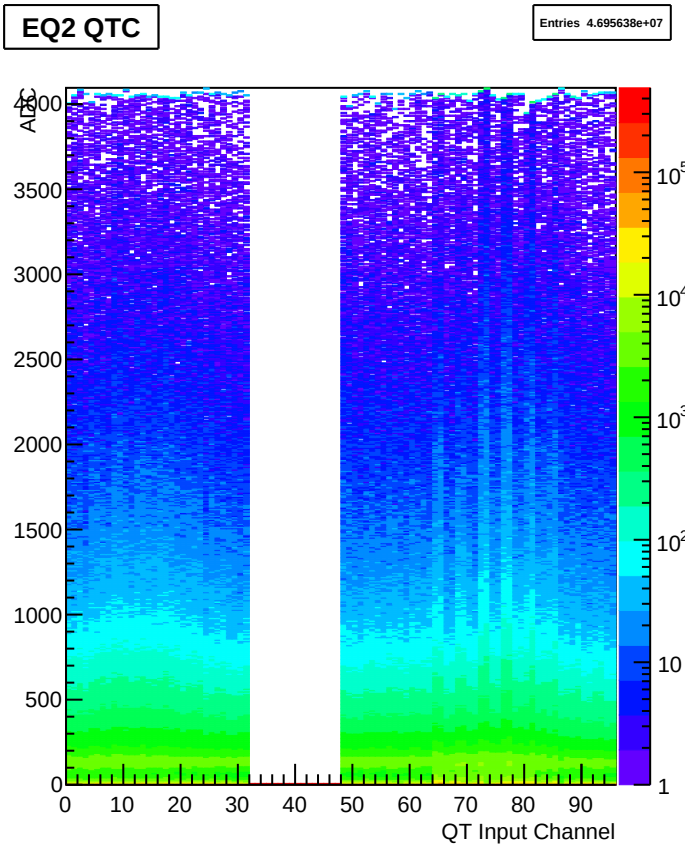

EQ1 QTB
Entries 4.68276e+07
TDC
QT Input Channel

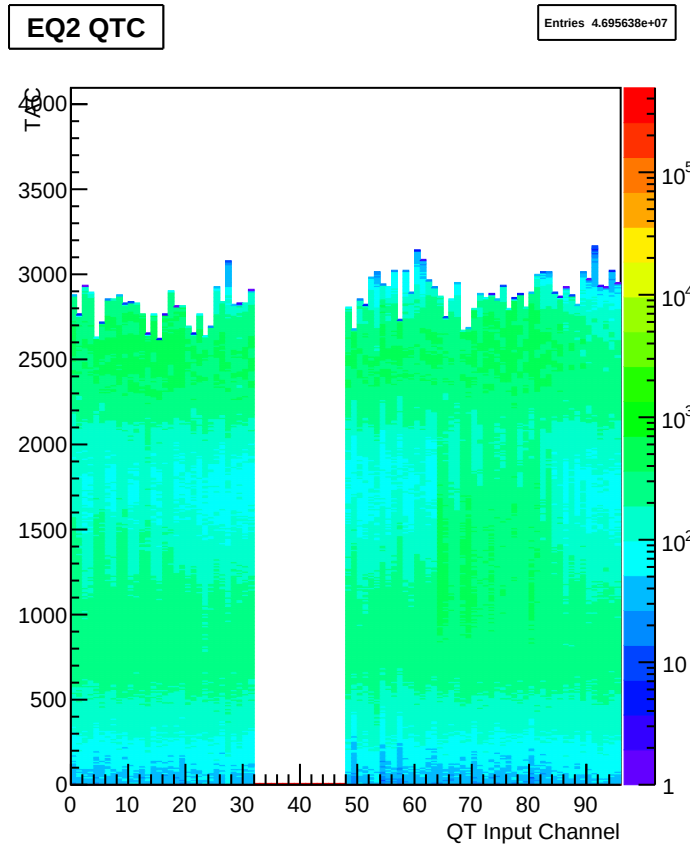

EQ1 QTC
Entries 4.695638e+07
ADC
QT Input Channel

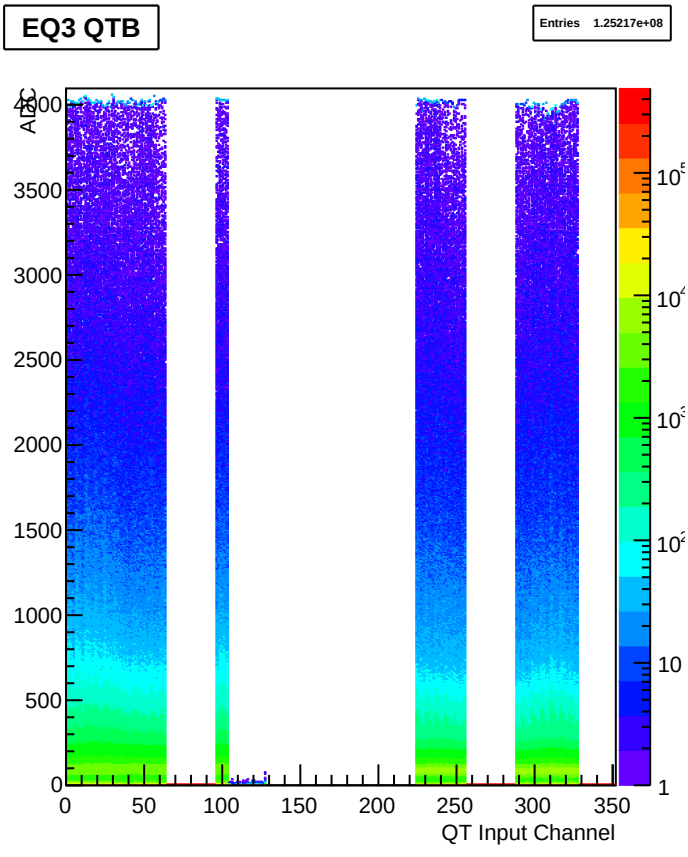

EQ1 QTC
Entries 4.695638e+07
TADC
QT Input Channel

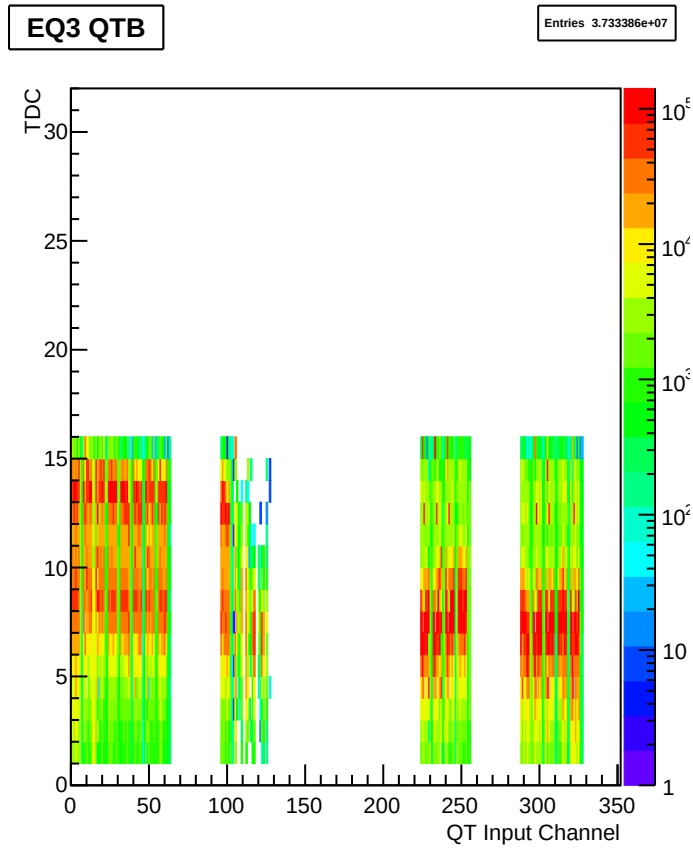

EQ2 QTB
Entries 1.408692e+08
ADC
QT Input Channel

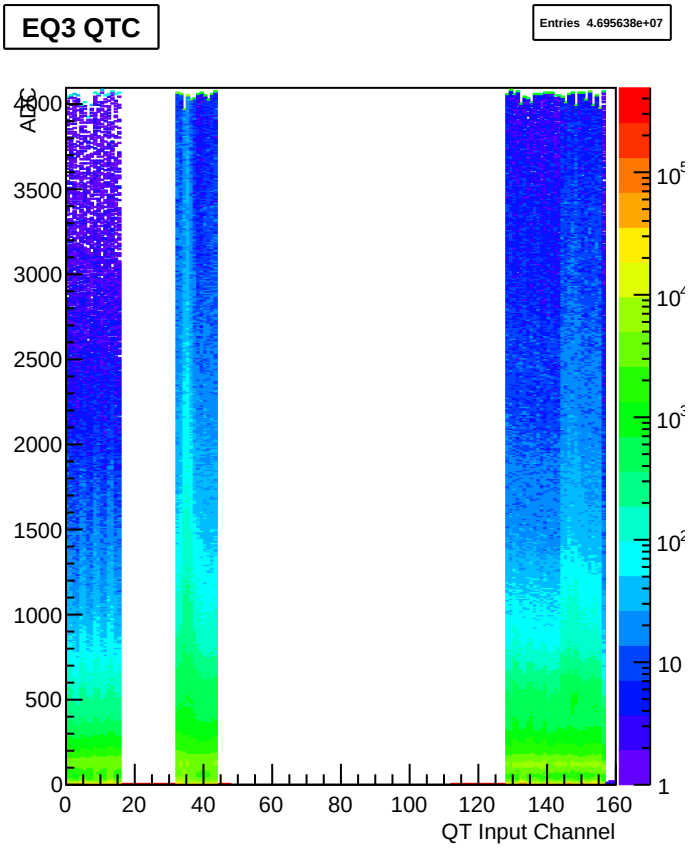

EQ2 QTB
Entries 4.347525e+07
TDC
QT Input Channel

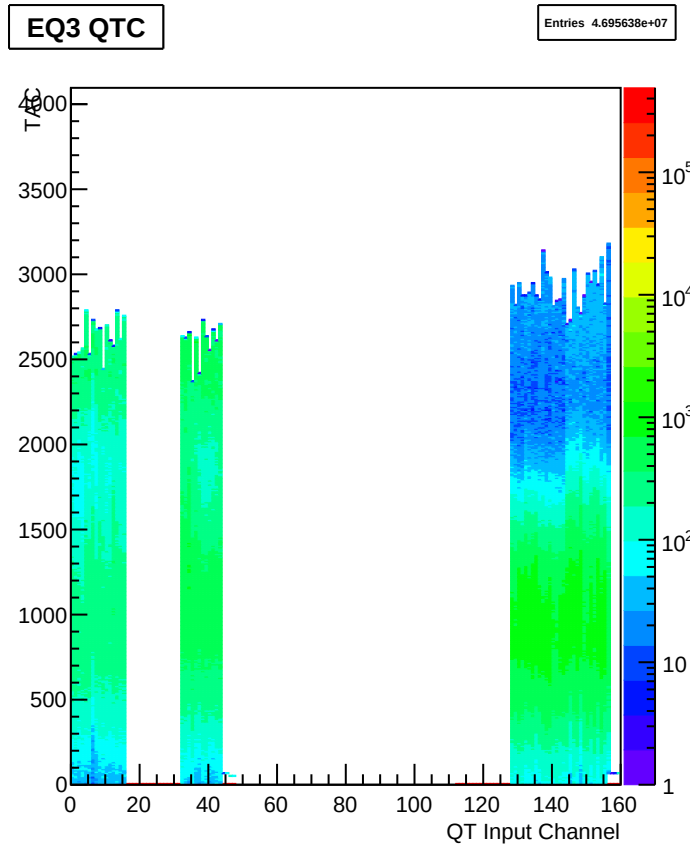

EQ2 QTC
Entries 4.695638e+07
ADC
QT Input Channel


EQ2 QTC
Entries 4.695638e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.25217e+08
ADC
QT Input Channel


EQ3 QTB
Entries 3.733386e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.695638e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.695638e+07
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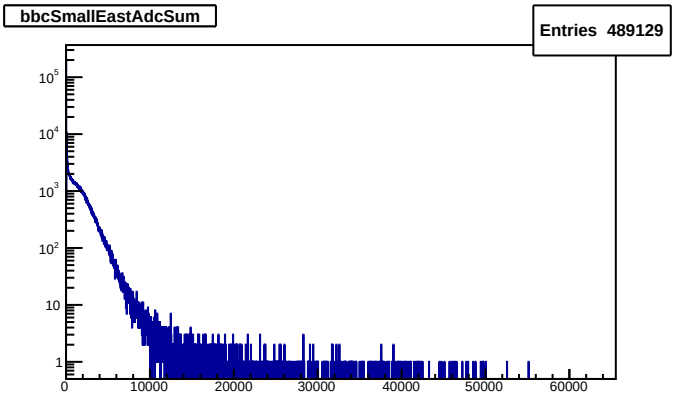
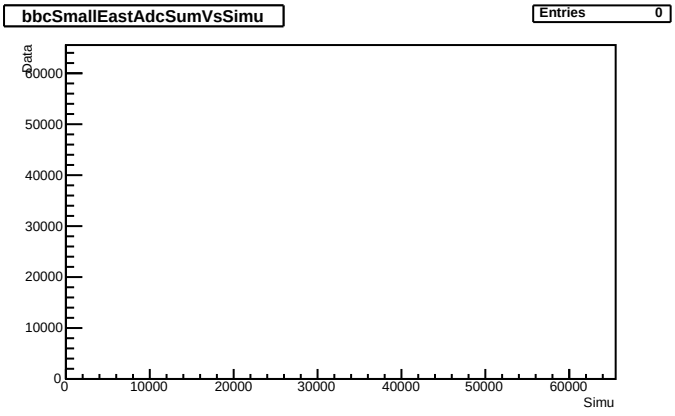
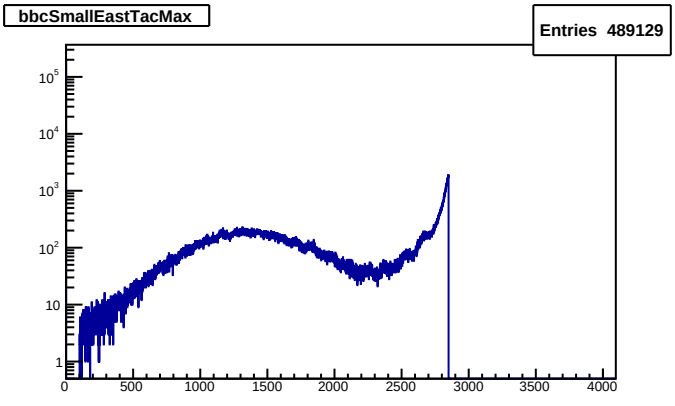
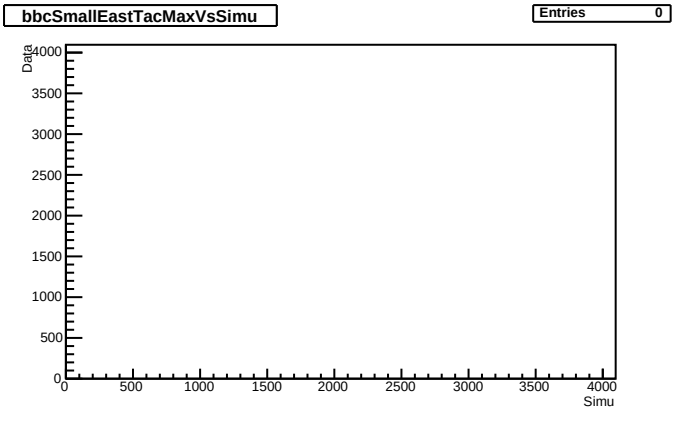
QT Input Channel


bbcSmallEastAdcSum
Entries 489129


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 489129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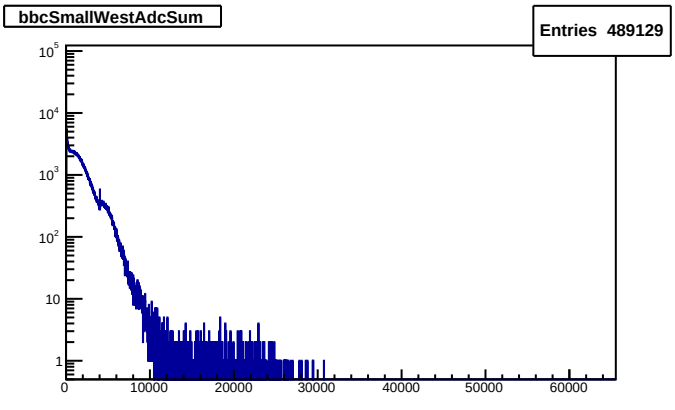
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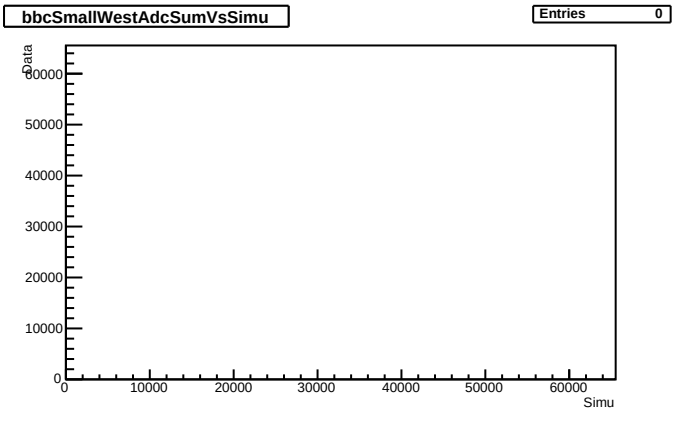
Entries 489129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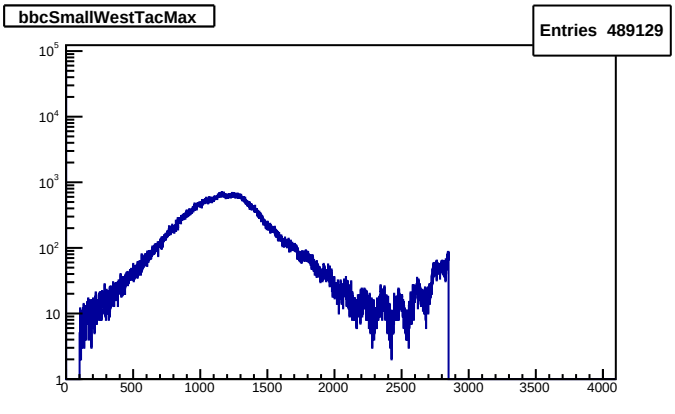
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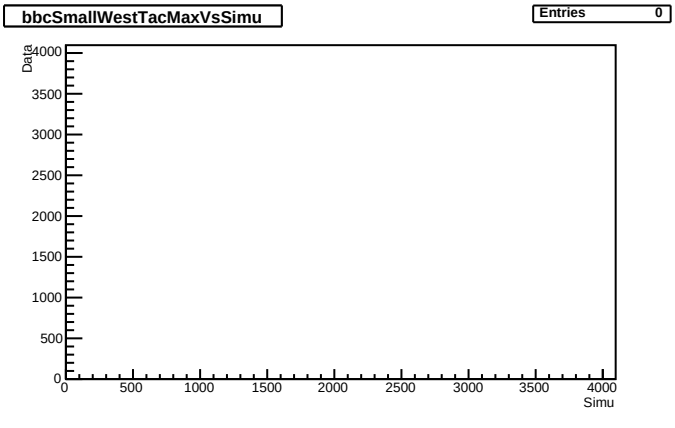
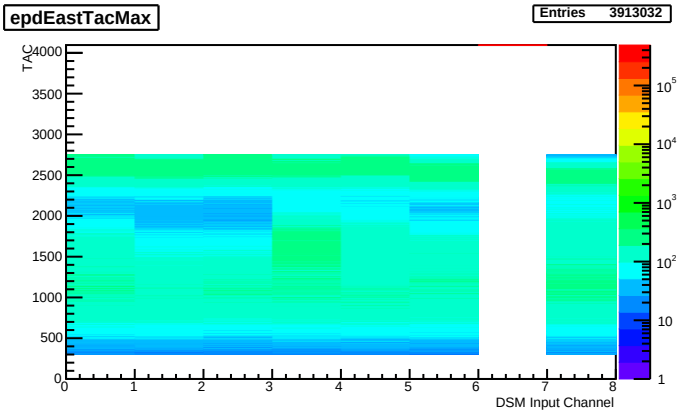

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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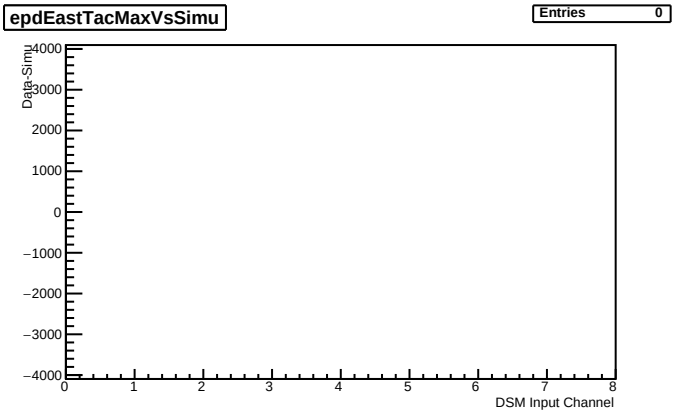
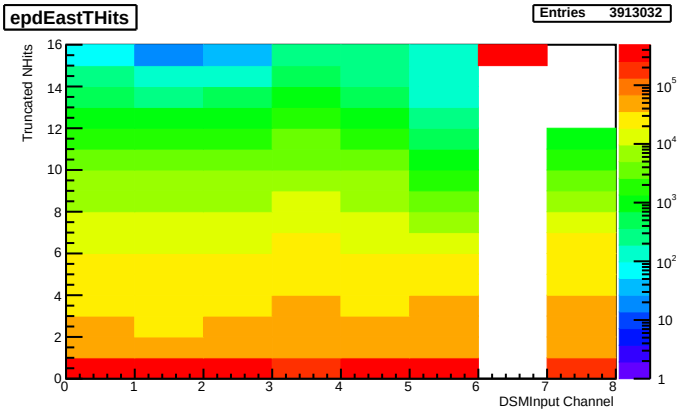
Entries 3913032
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 3913032
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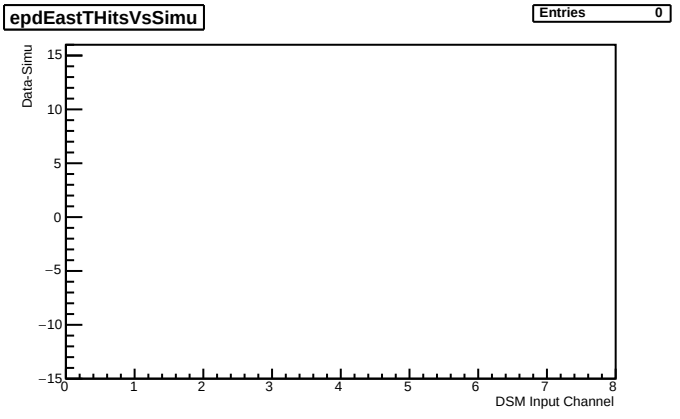
DSMInput Channel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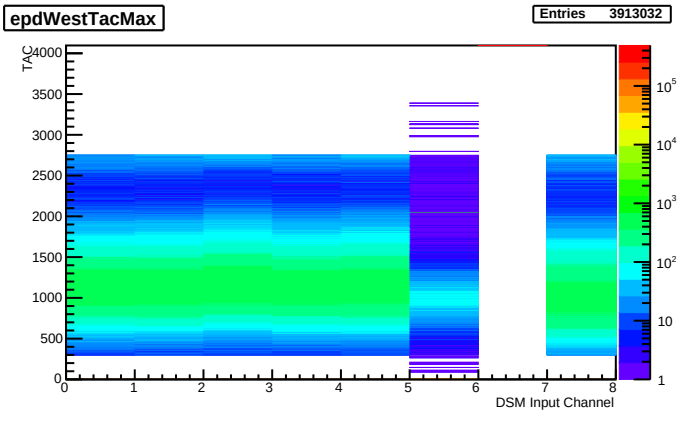
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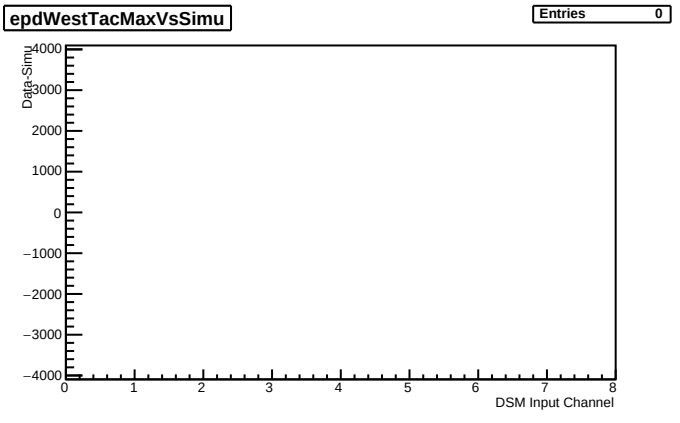
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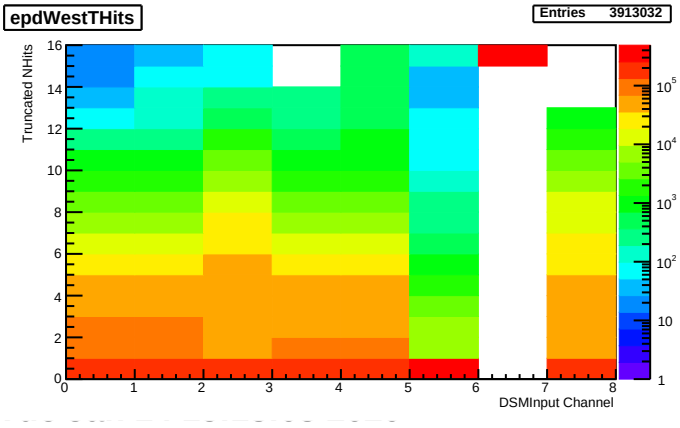
Entries 0
Data-Simu
DSM Input Channel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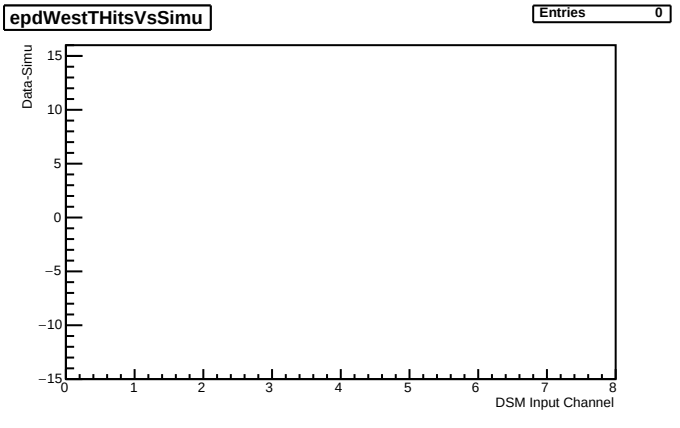
Entries 3913032
Truncated NHits
DSMInput Channel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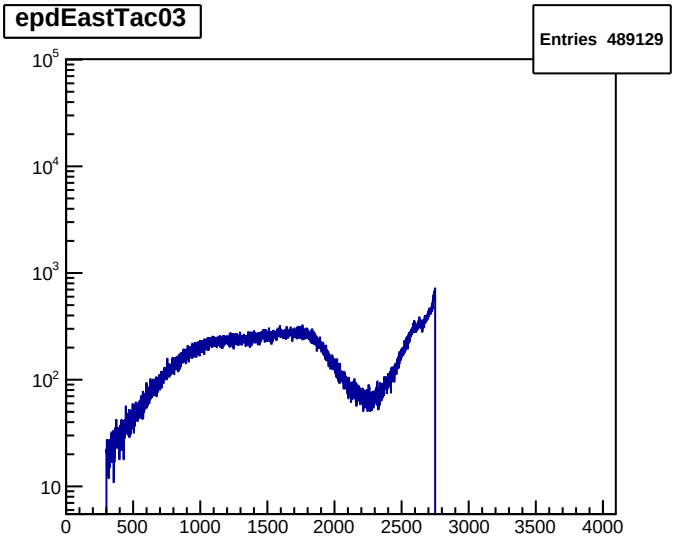
Data-Simu
DSM Input Channel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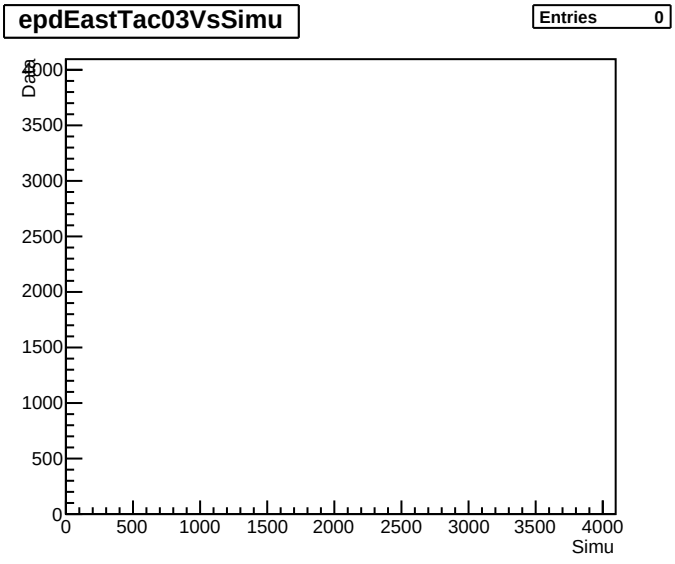
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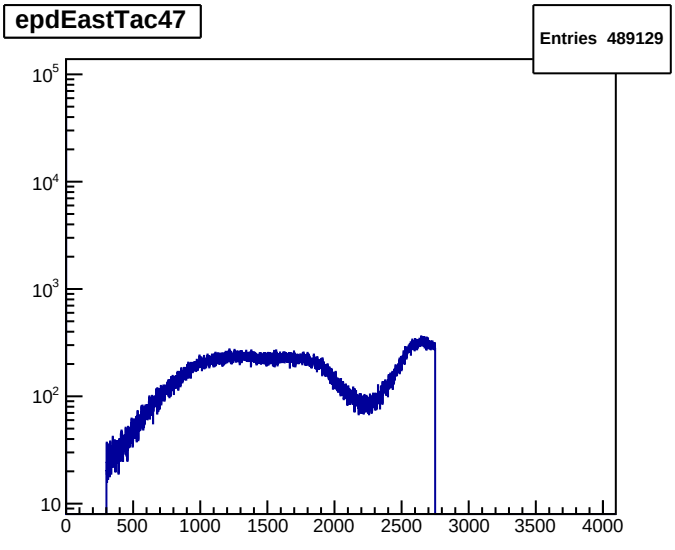
Entries 0
Data
Simu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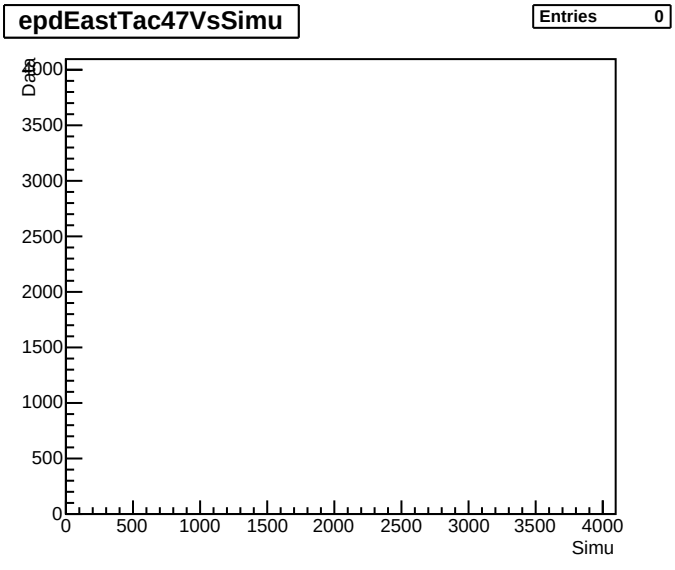
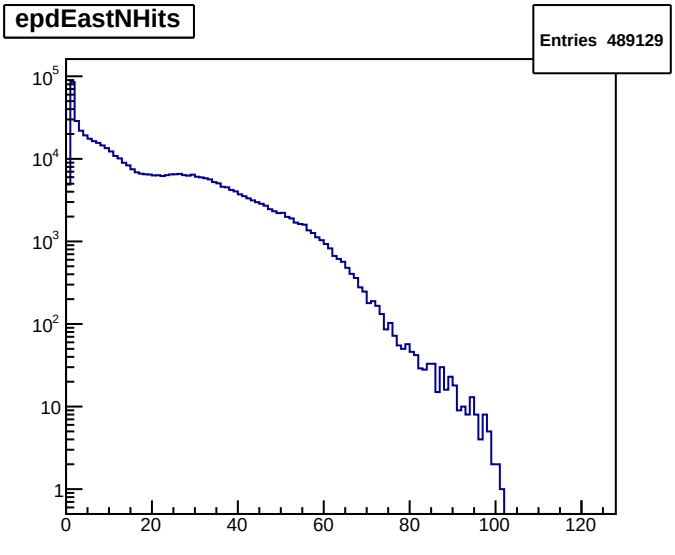
Entries 489129


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
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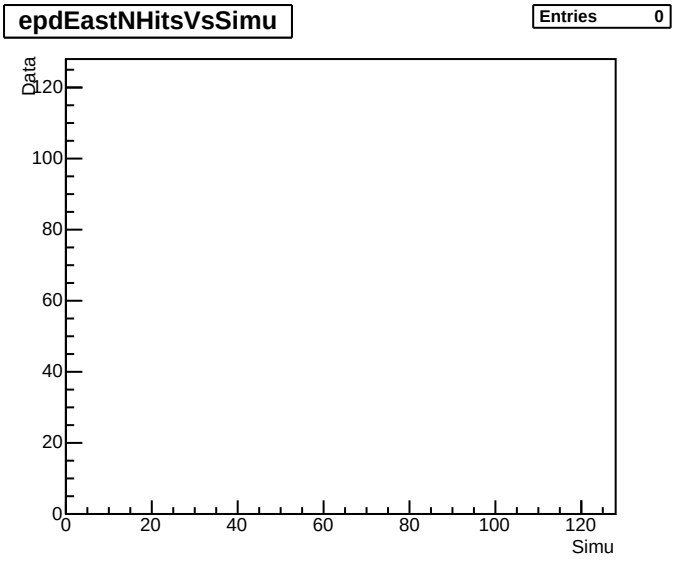
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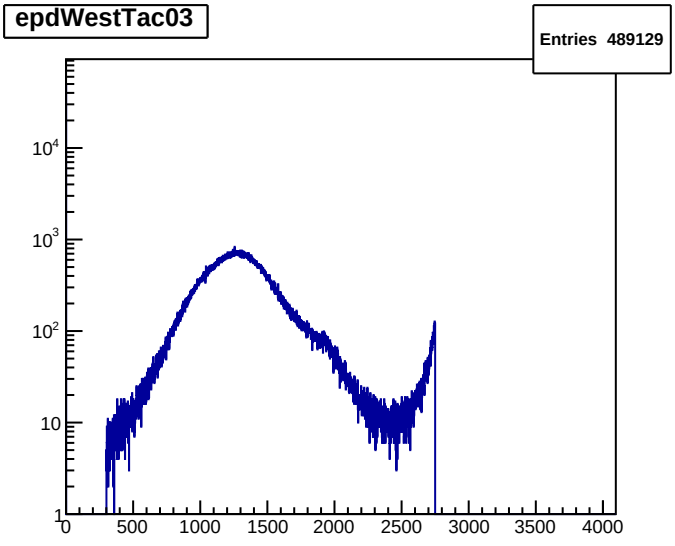
Data
Simu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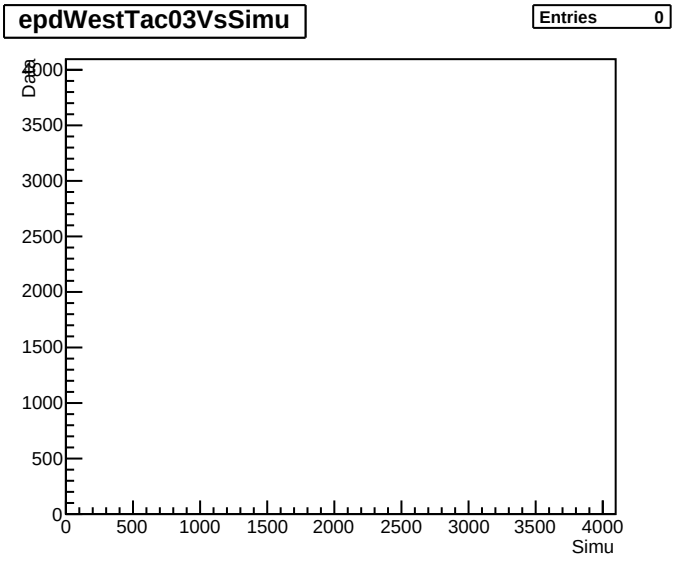
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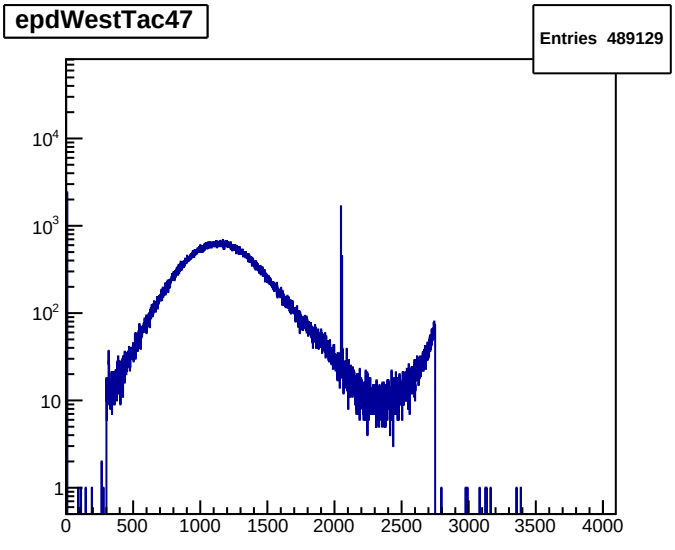
Data
Simu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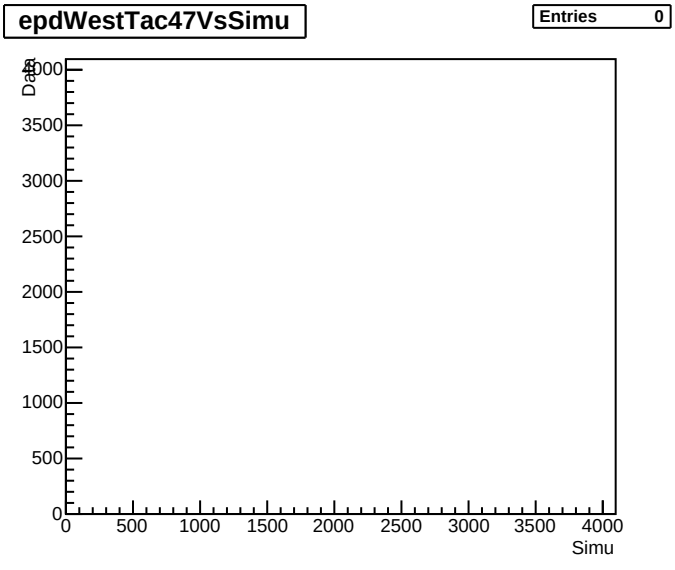
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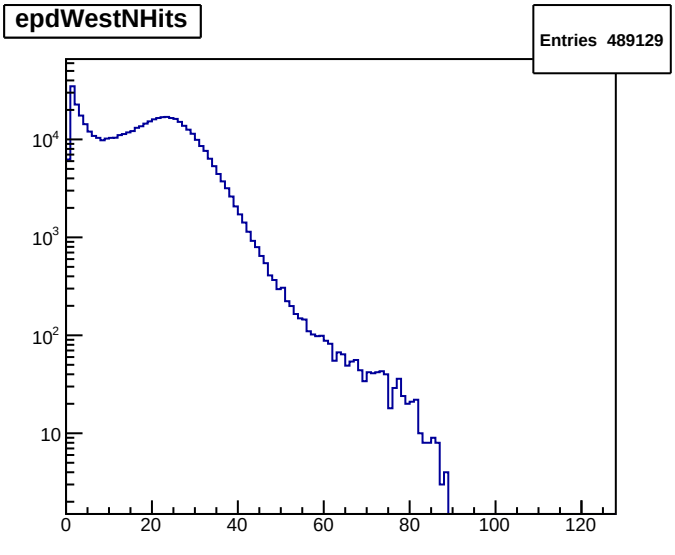
Entries 0
Data
Simu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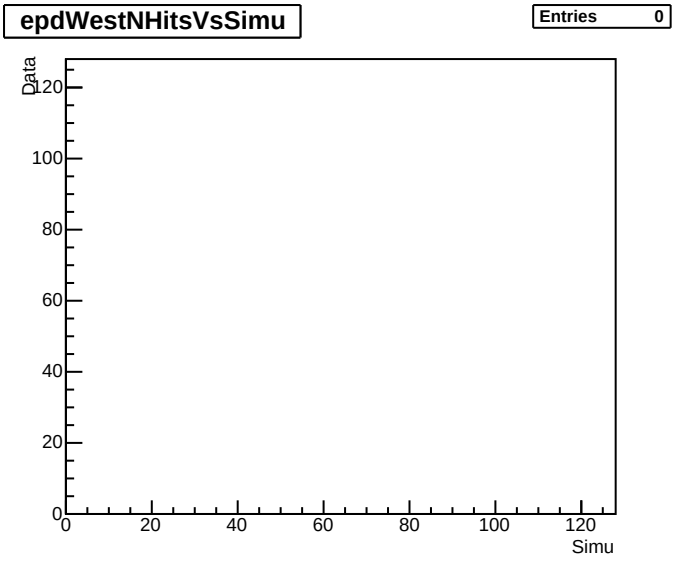
Entries 489129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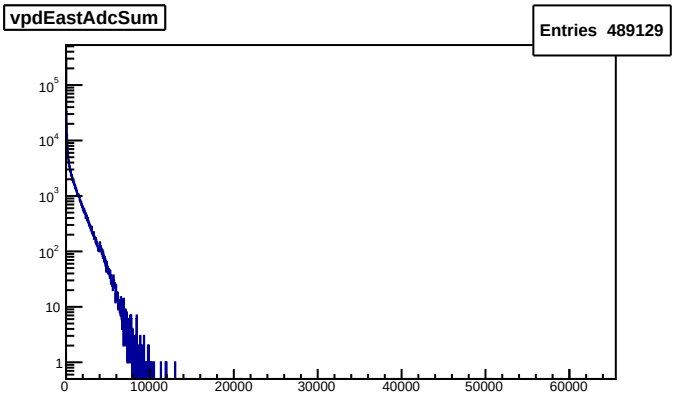
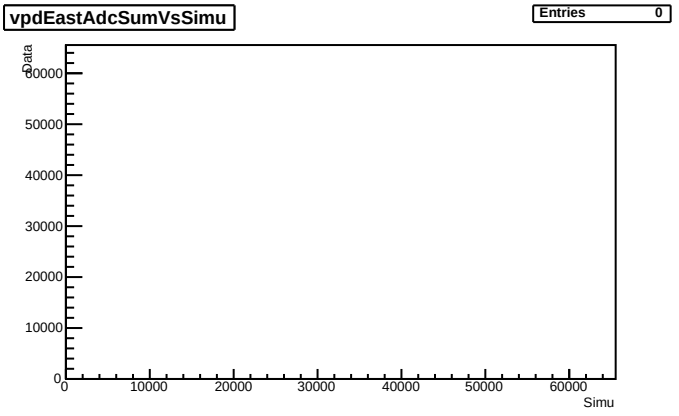
Entries 0
Data
Simu


vpdEastAdcSum
Entries 489129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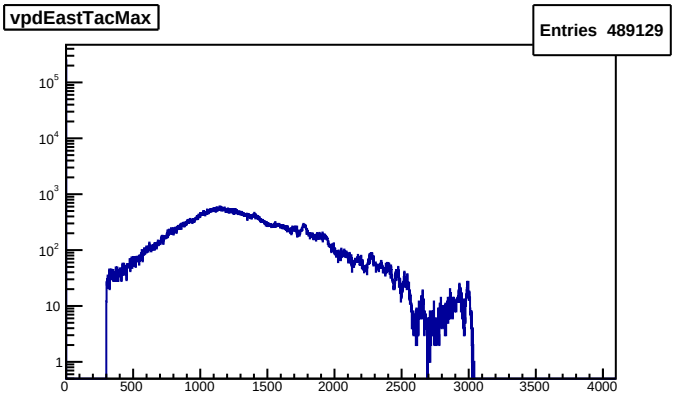
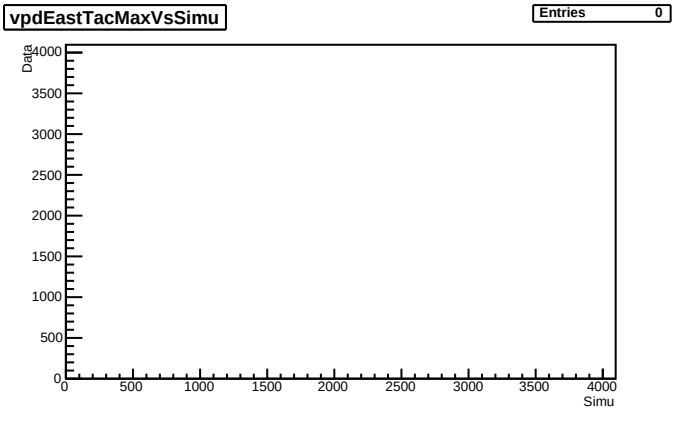
Entries 0
Data
Simu


vpdEastTacMax
Entries 489129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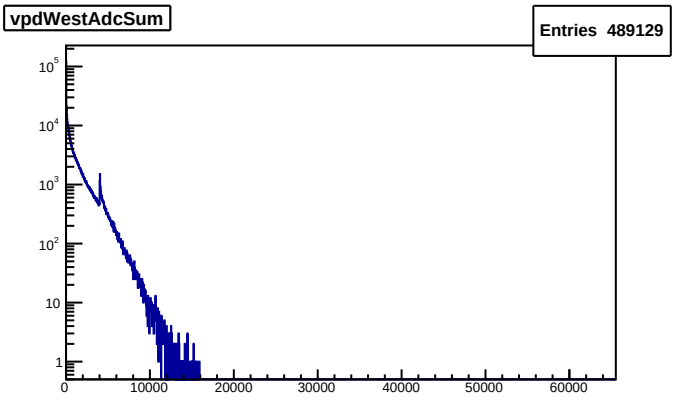
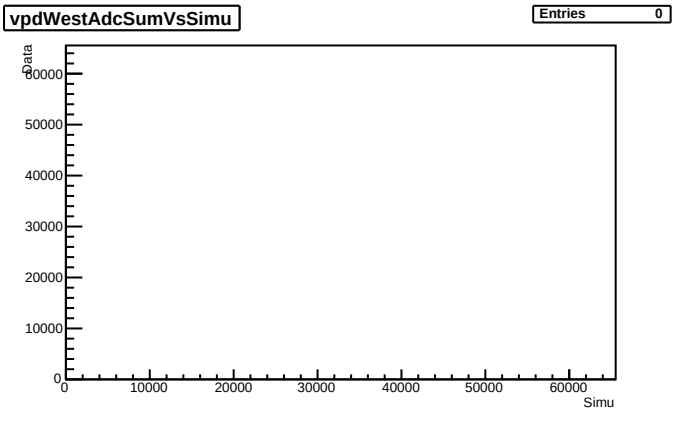
Entries 0
Data
Simu


vpdWestAdcSum
Entries 489129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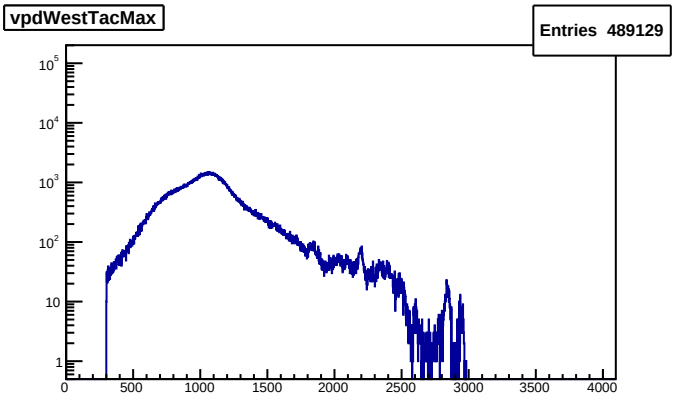
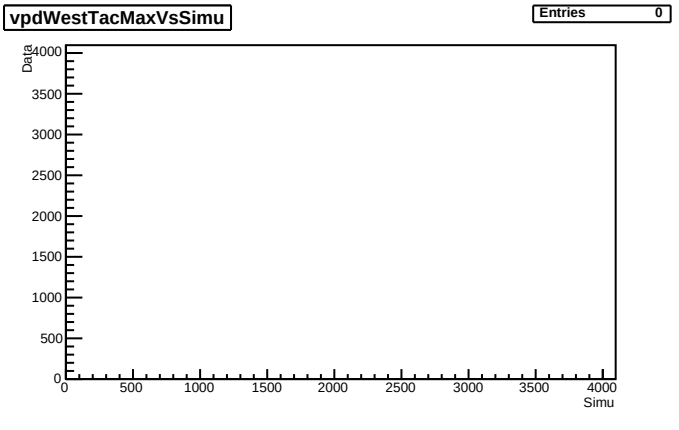
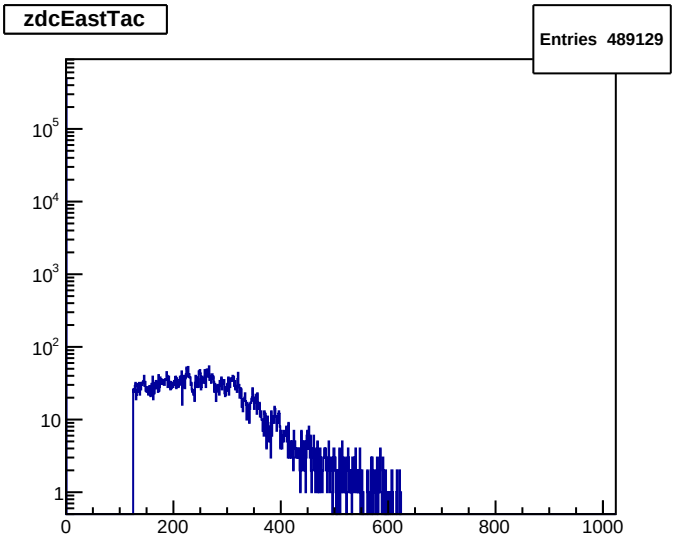
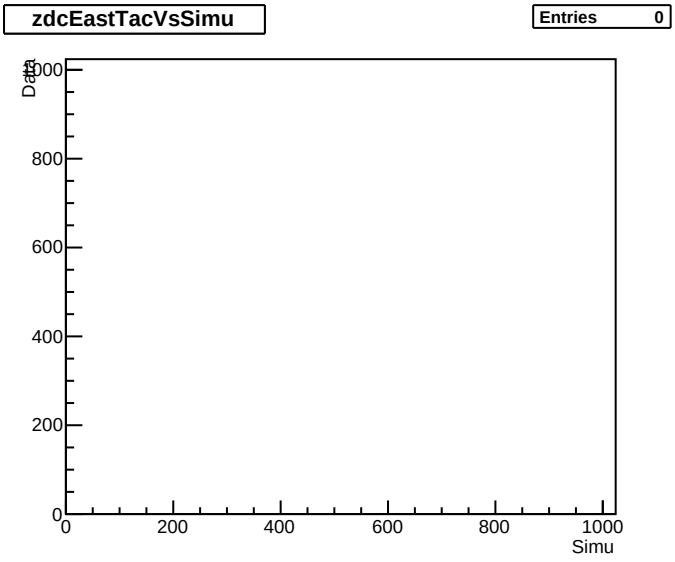
Entries 0
Data
Simu


vpdWestTacMax
Entries 489129


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 489129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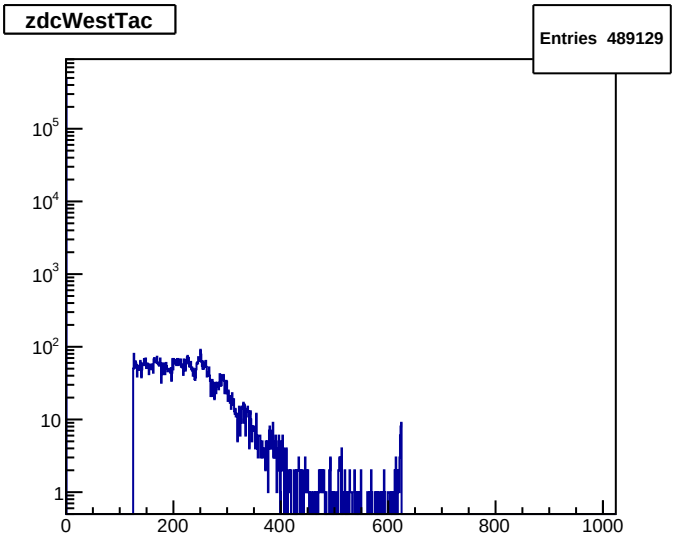
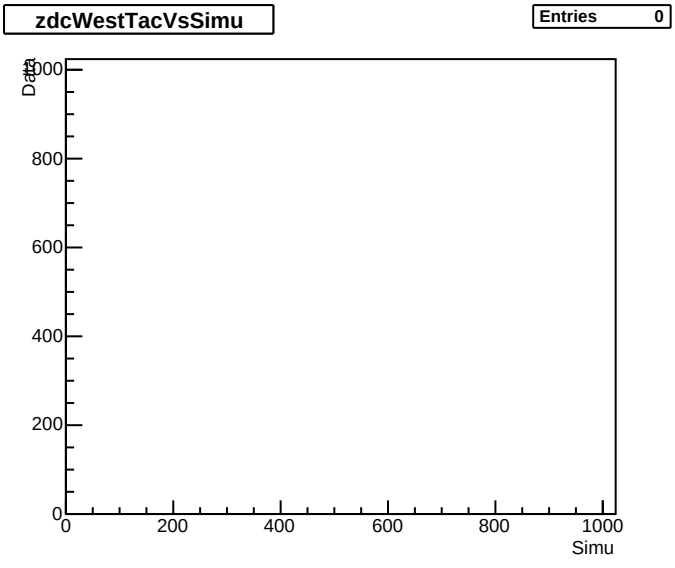
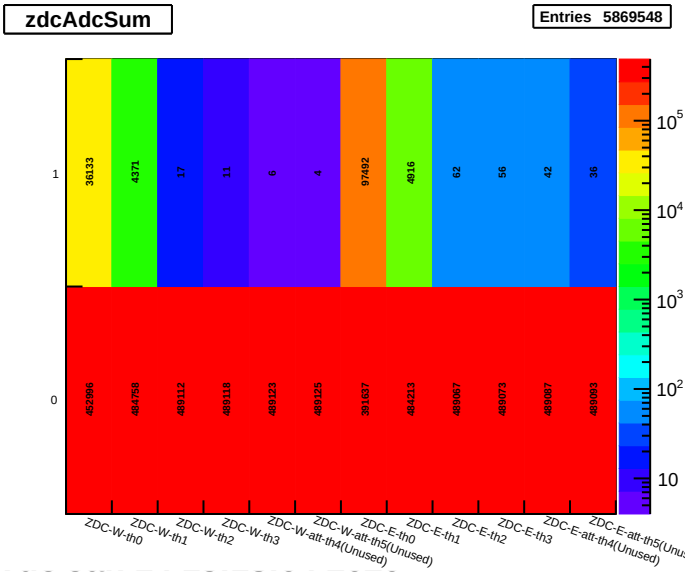
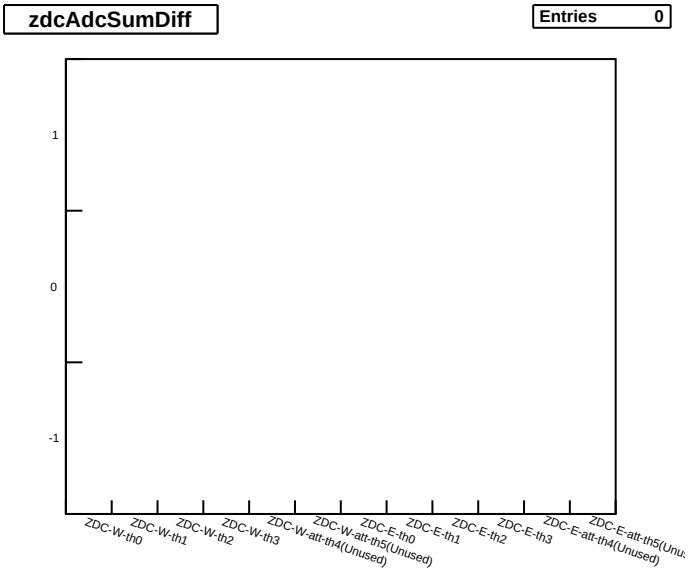
Entries 0
Data
Simu


zdcWestTac
Entries 489129


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 5869548
36133
4371
17
11
6
4
97492
4916
62
56
42
36
452996
484758
489112
489118
489123
489125
391637
484213
489067
489073
489087
489093
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
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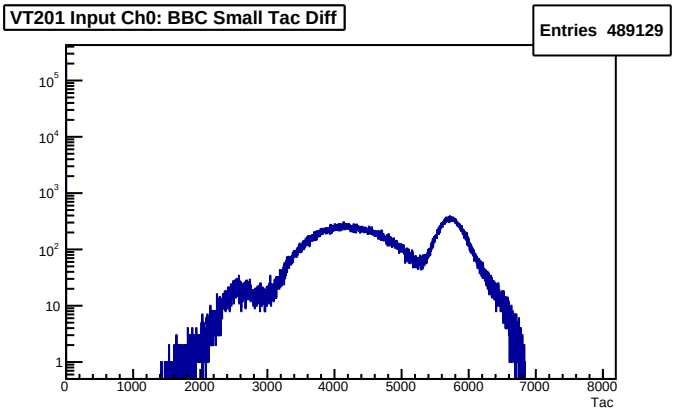
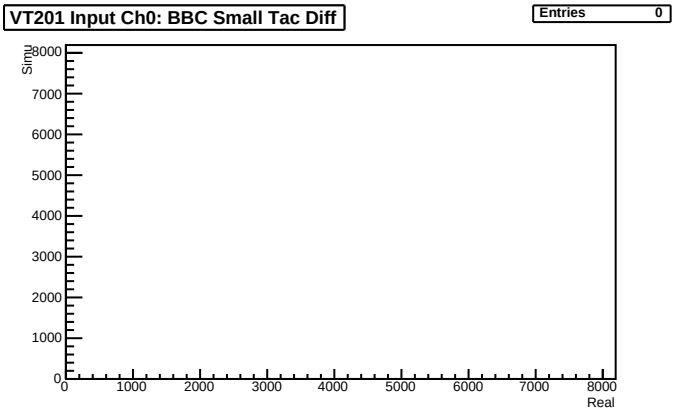
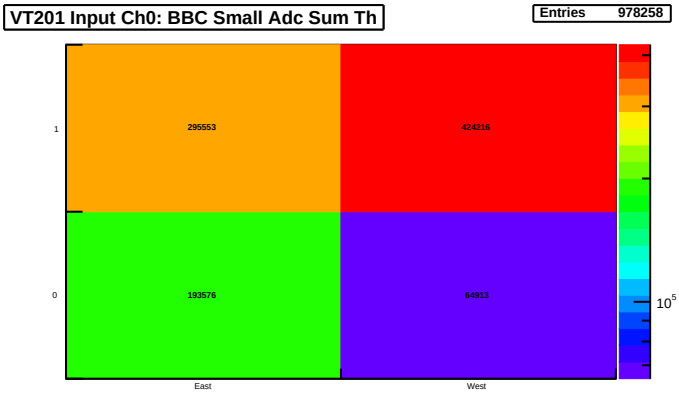
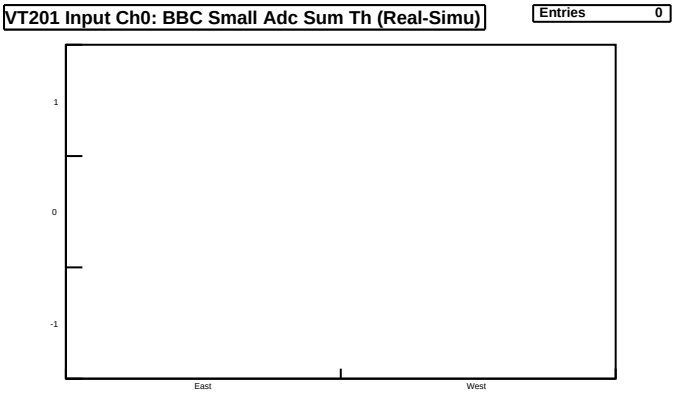
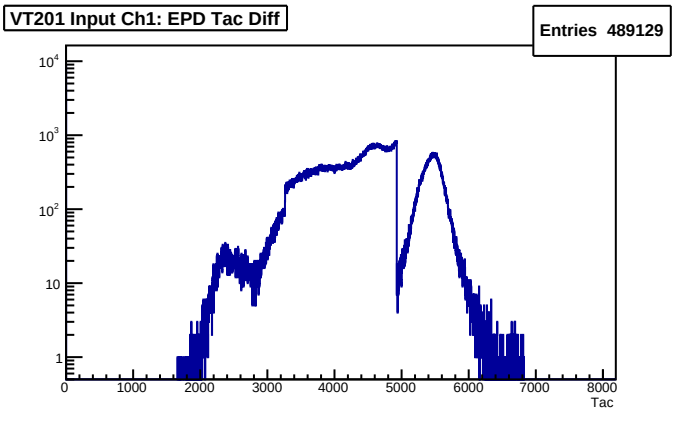
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

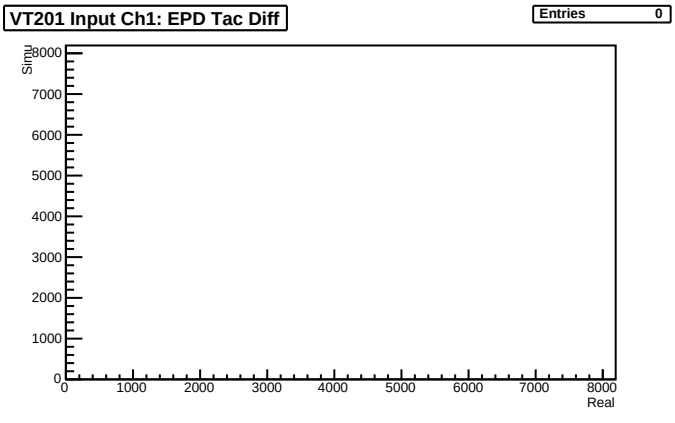

VT201 Input Ch0: BBC Small Tac Diff
Entries 489129
Tac

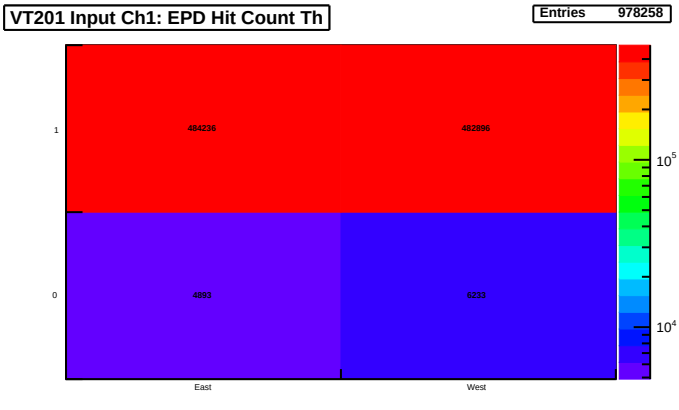

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

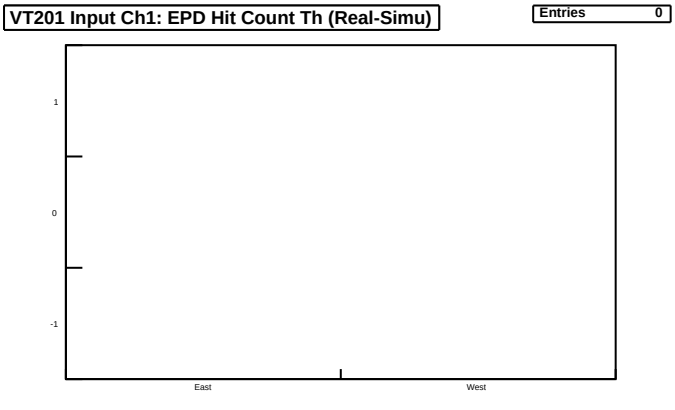

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 978258
295553
424216
193576
64913
East
West

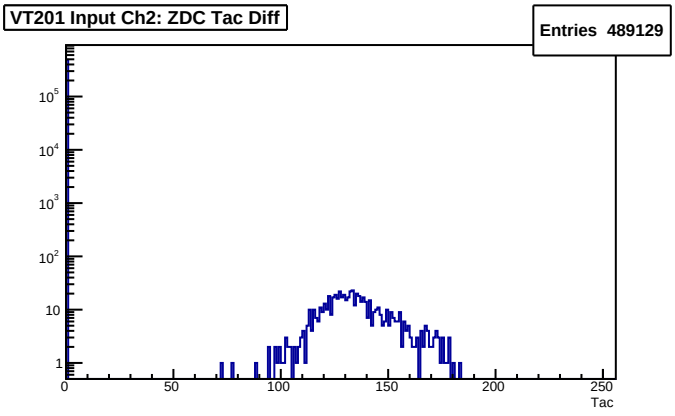

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

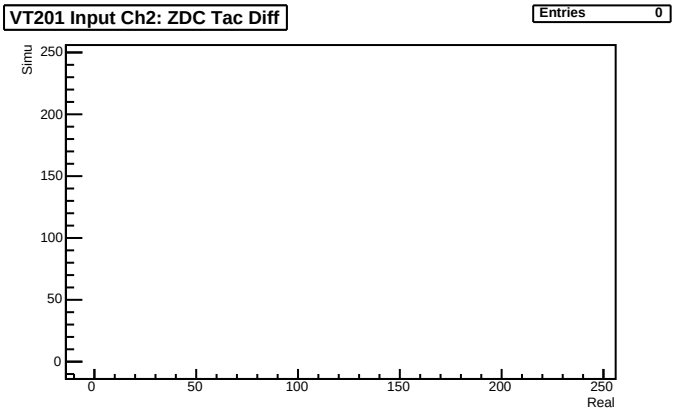

VT201 Input Ch1: EPD Tac Diff
Entries 489129
Tac

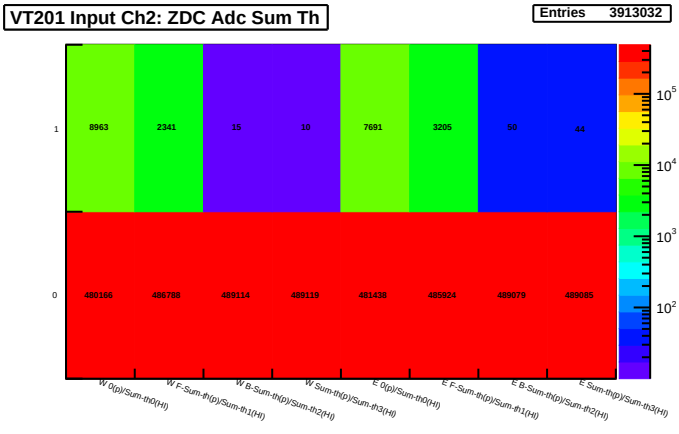

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

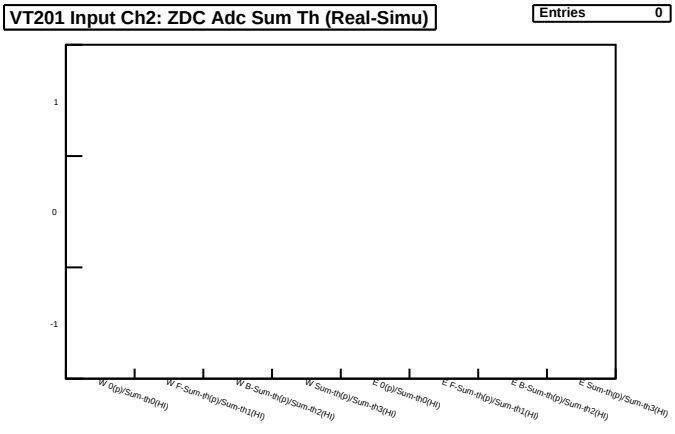

VT201 Input Ch1: EPD Hit Count Th
Entries 978258
484236
482896
4893
6233
East
West

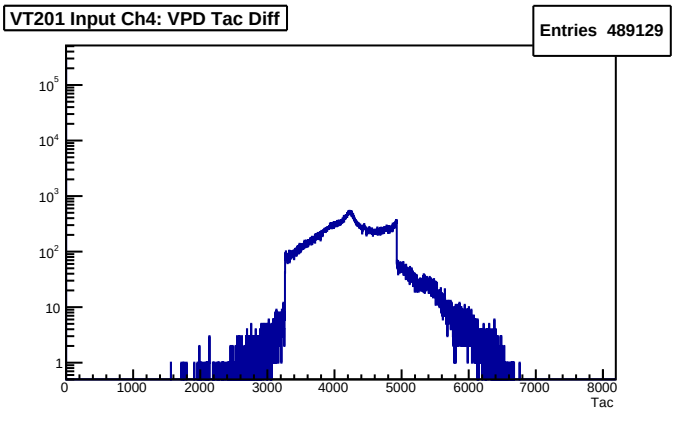

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

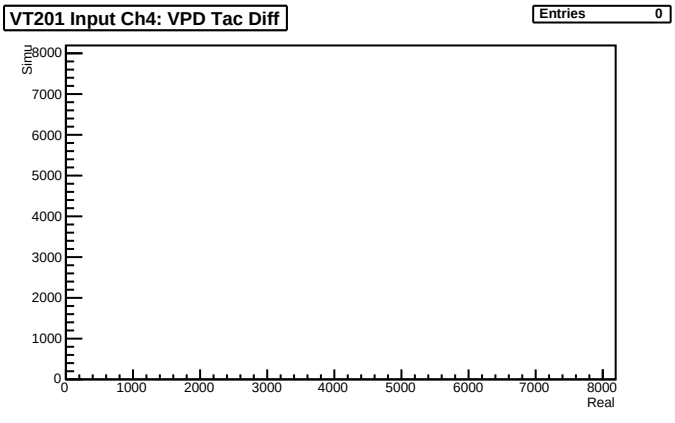

VT201 Input Ch2: ZDC Tac Diff
Entries 489129
Tac

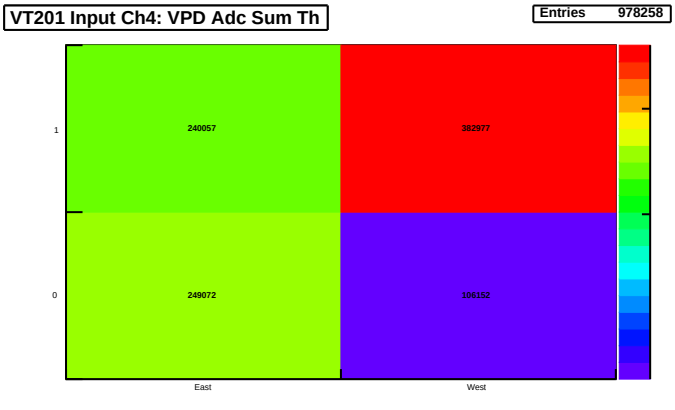

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

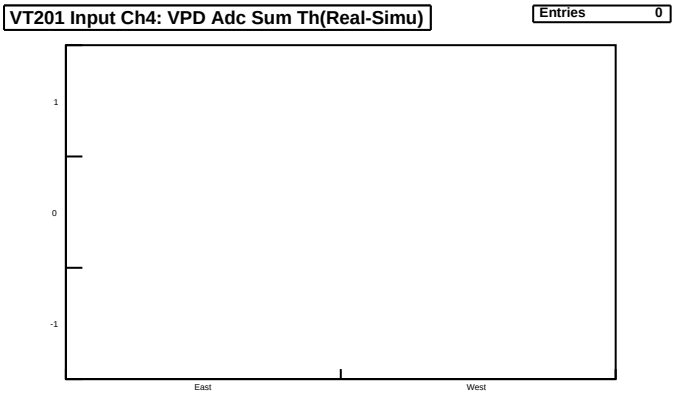

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3913032
8963
2341
15
10
7691
3205
50
44
480166
486788
489114
489119
481438
485924
489079
489085
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

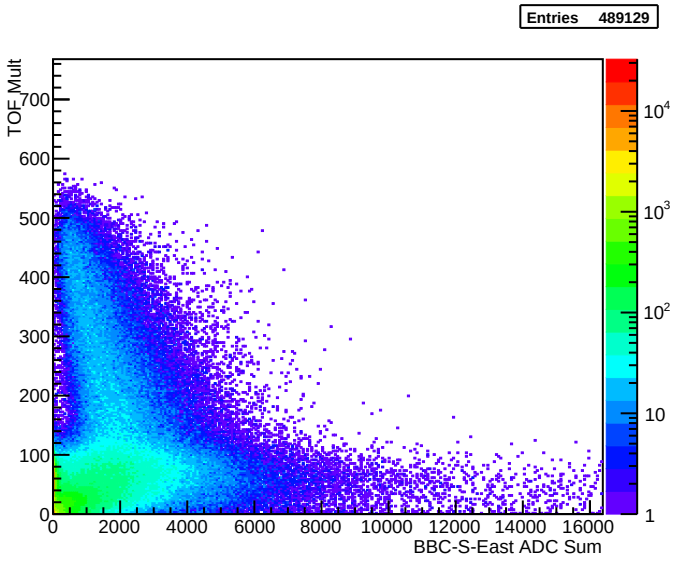

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

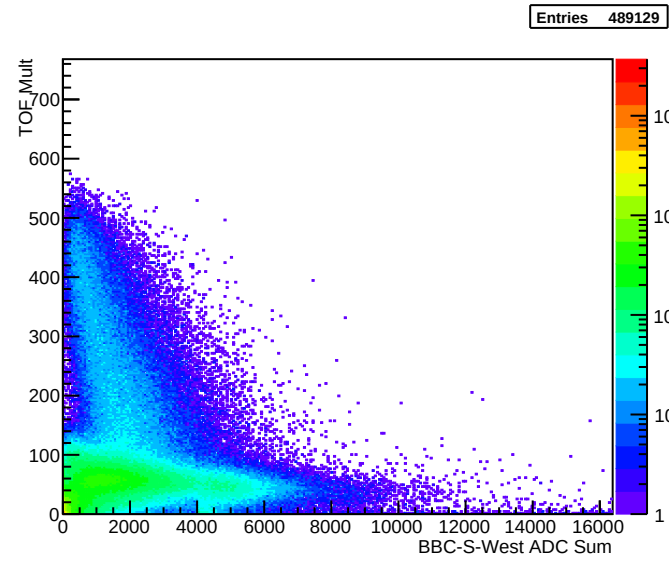

VT201 Input Ch4: VPD Tac Diff
Entries 489129
Tac

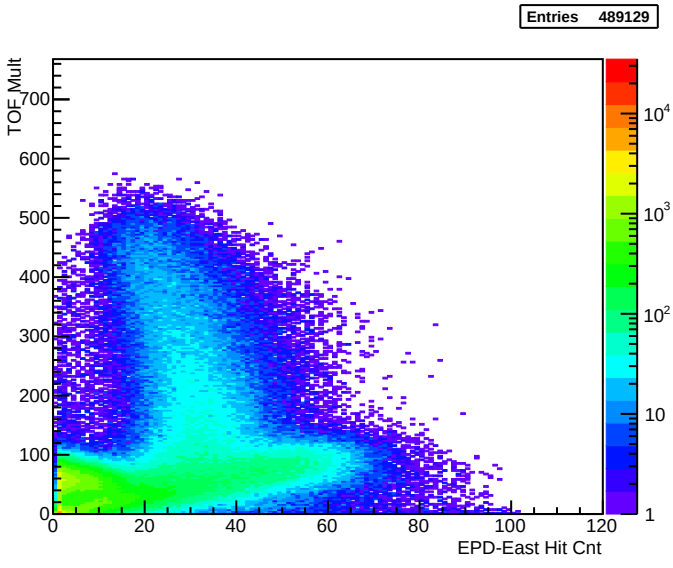

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

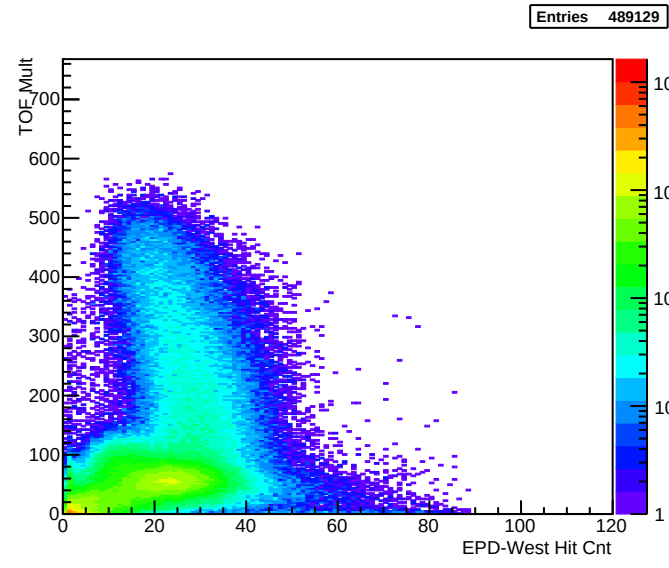

VT201 Input Ch4: VPD Adc Sum Th
Entries 978258
240057
382977
249072
106152
East
West

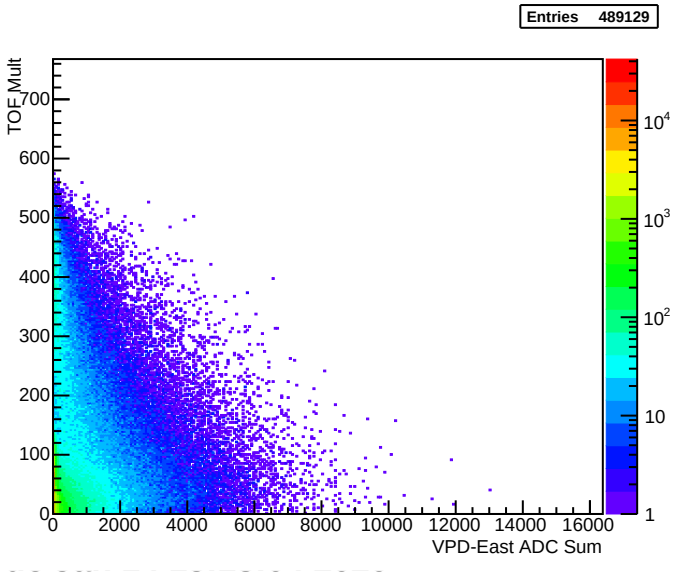

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

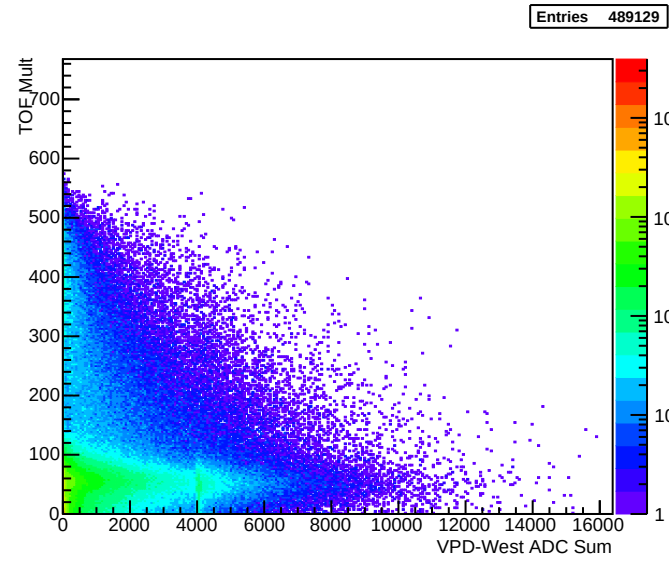

Entries 489129
TOF_Mult
BBC-S-East ADC Sum

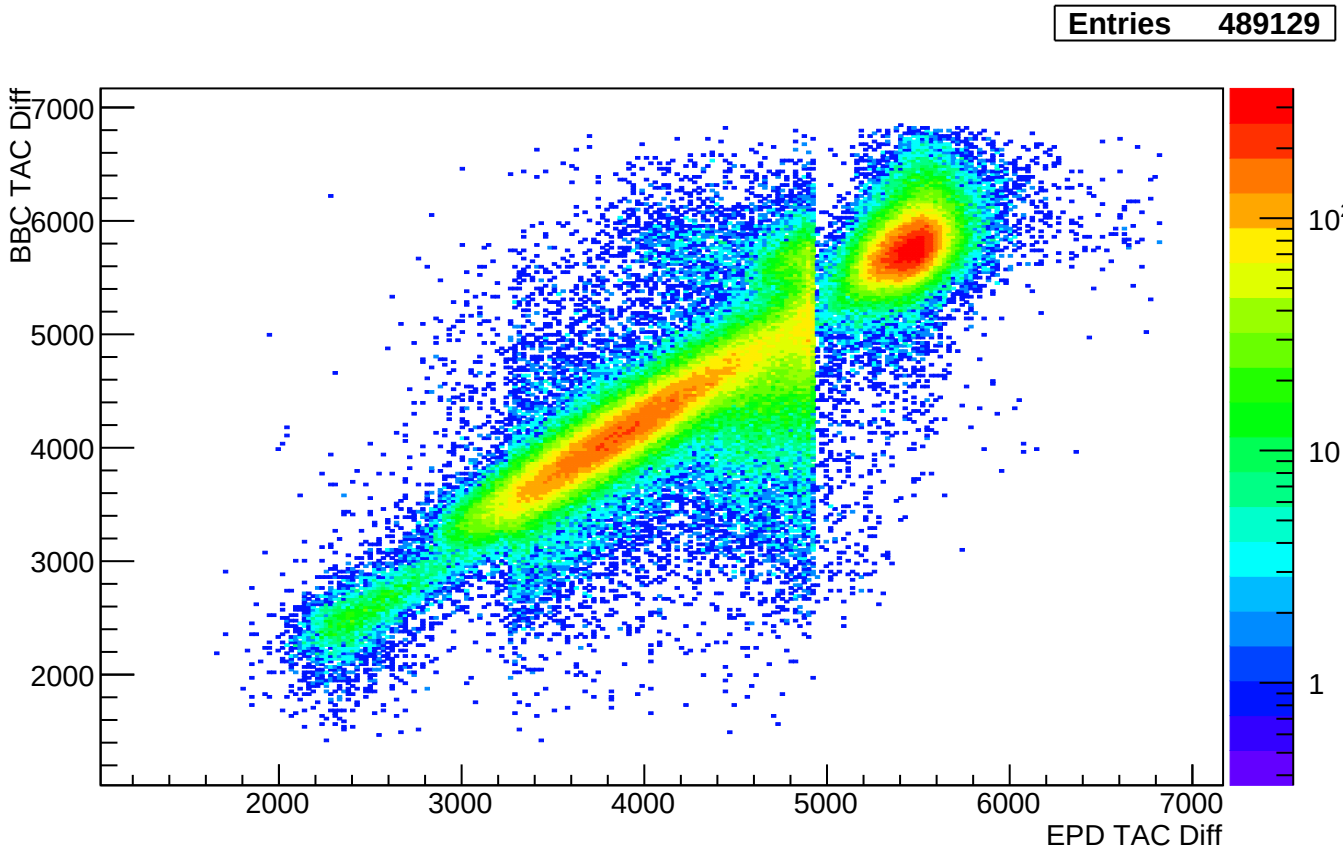

Entries 489129
TOF_Mult
BBC-S-West ADC Sum

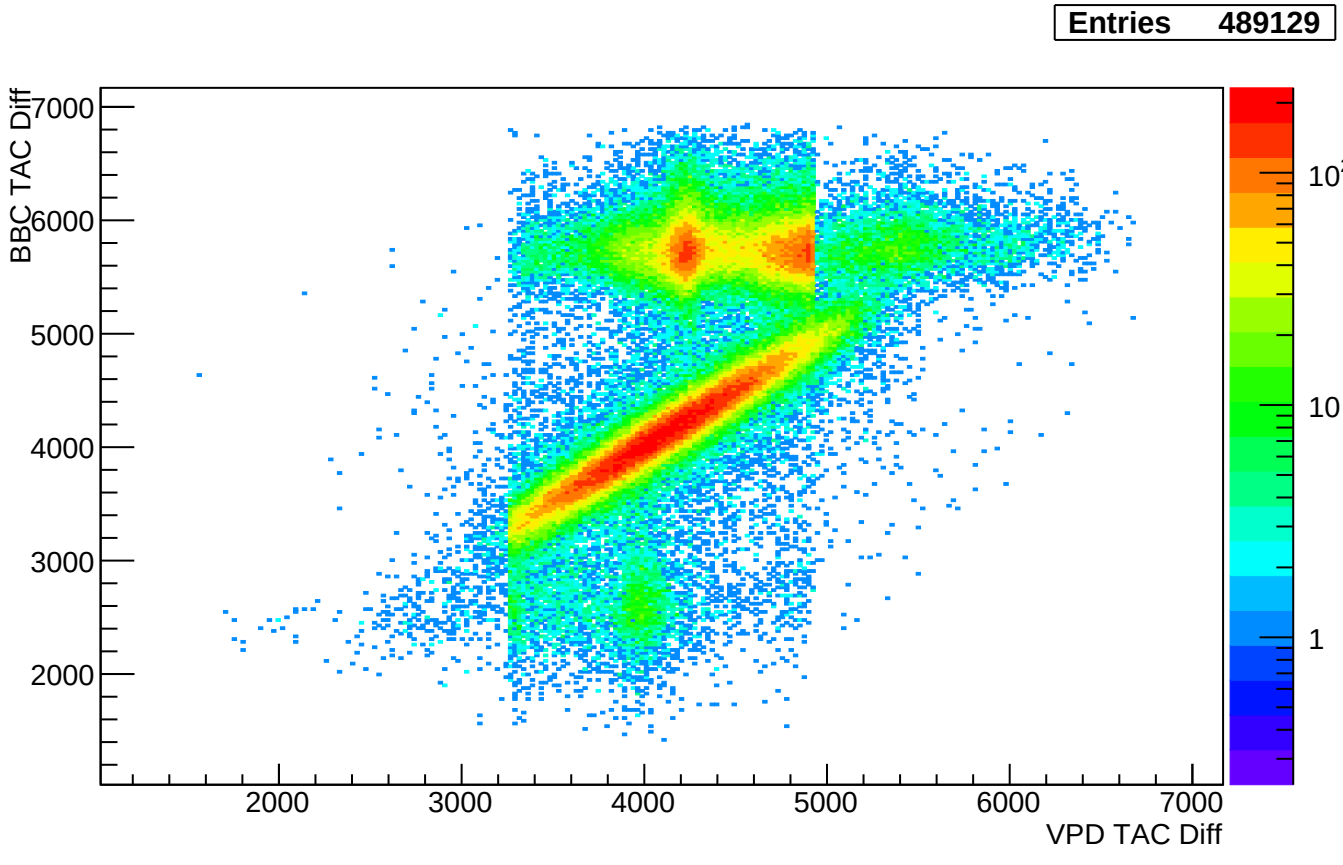

Entries 489129
TOF_Mult
EPD-East Hit Cnt

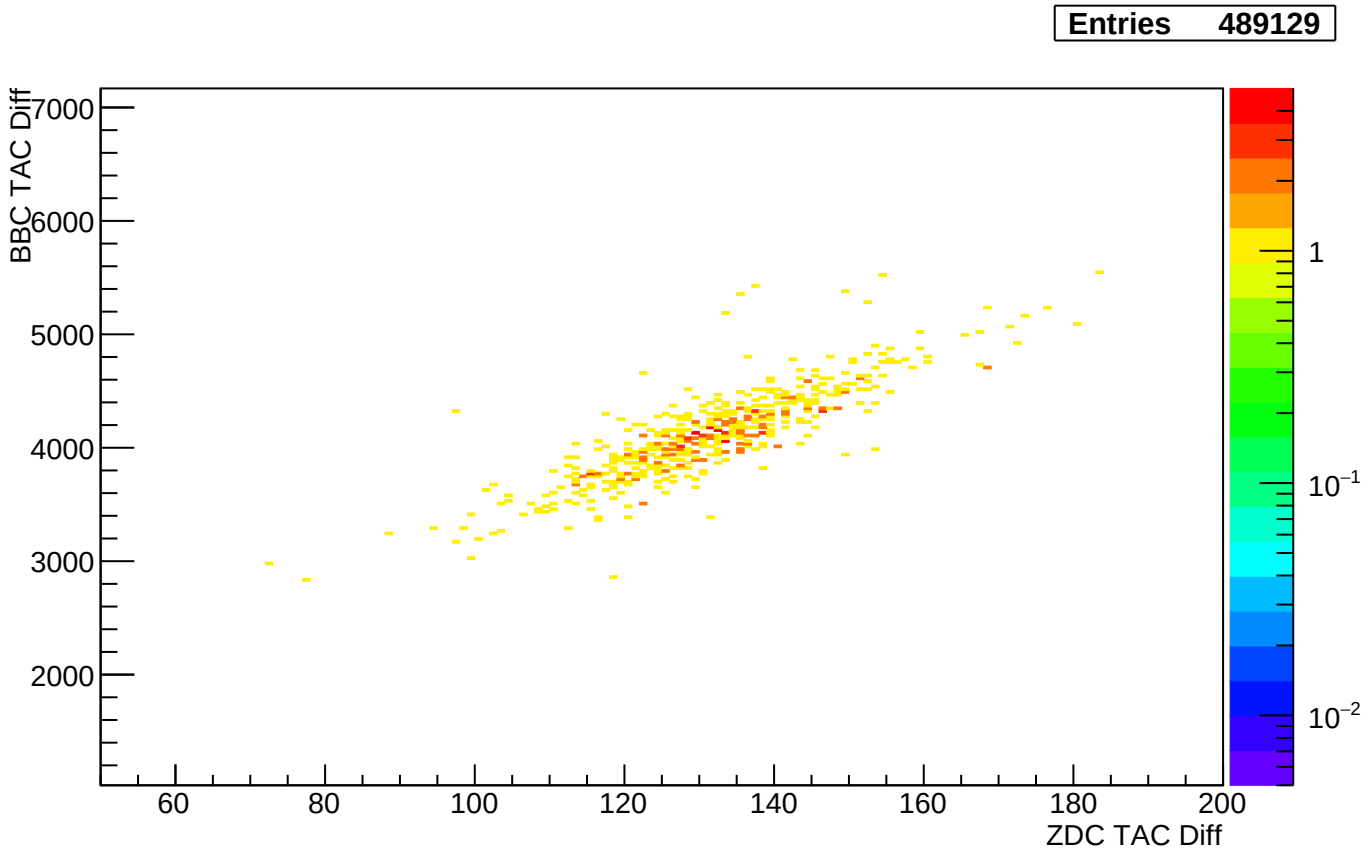

Entries 489129
TOF_Mult
EPD-West Hit Cnt

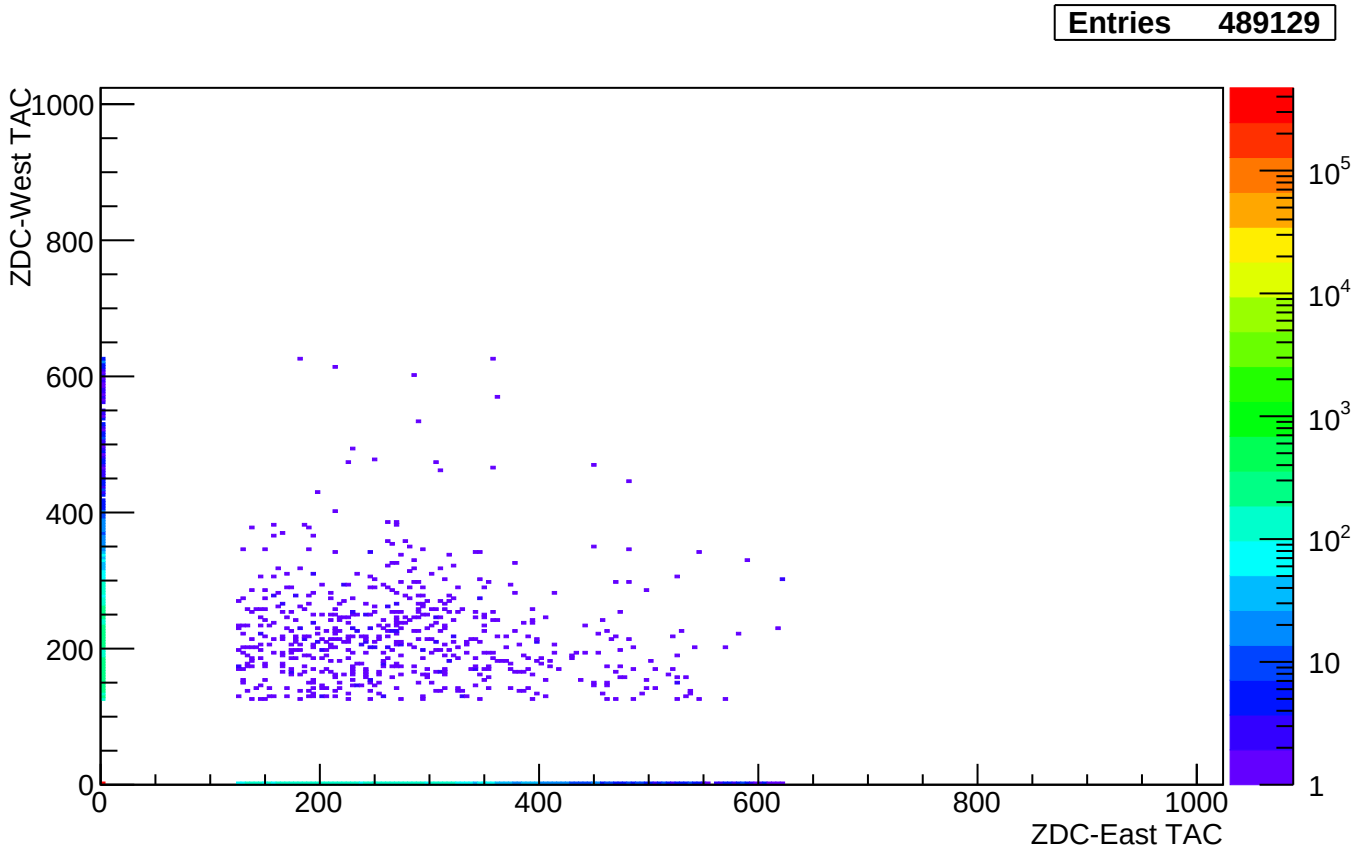

Entries 489129
TOF_Mult
VPD-East ADC Sum

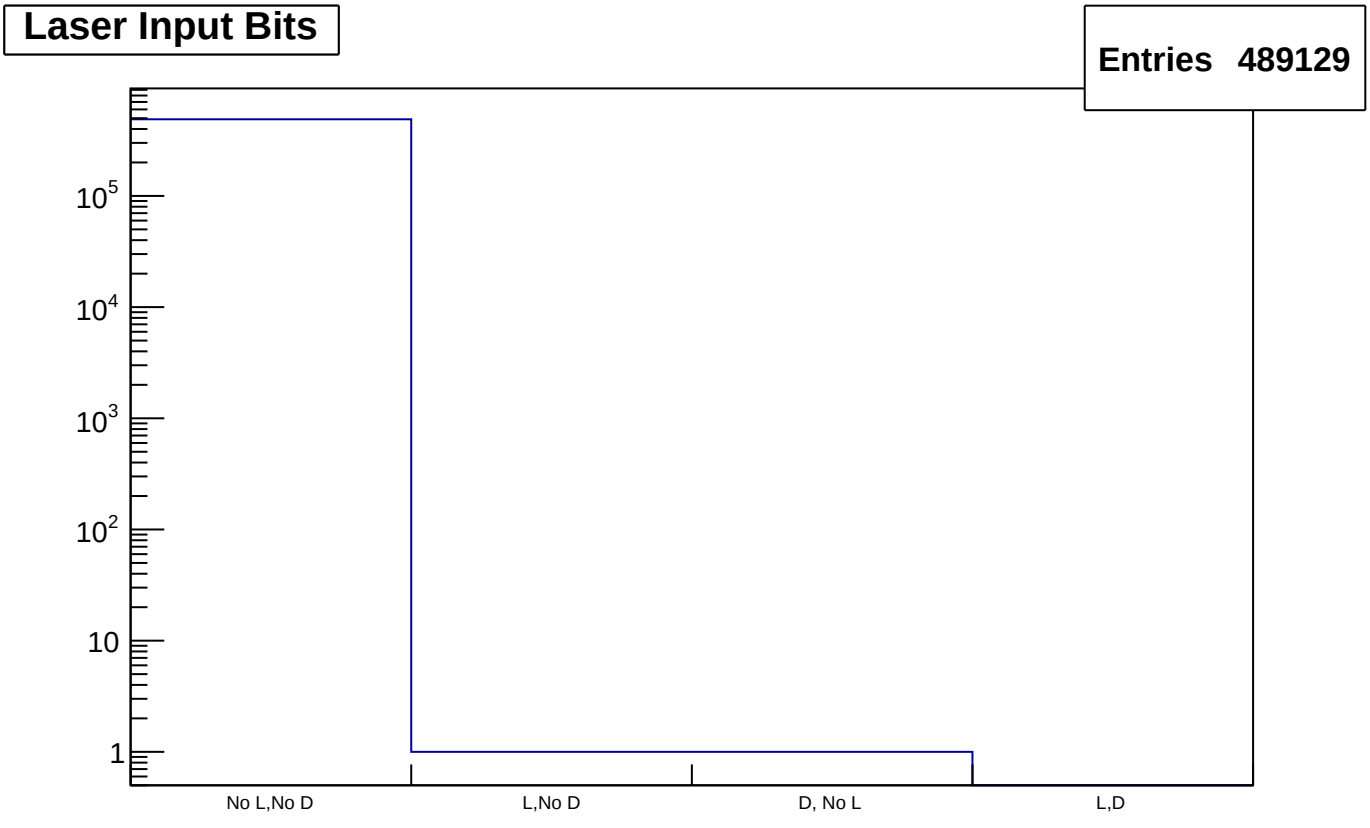

Entries 489129
TOF_Mult
VPD-West ADC Sum

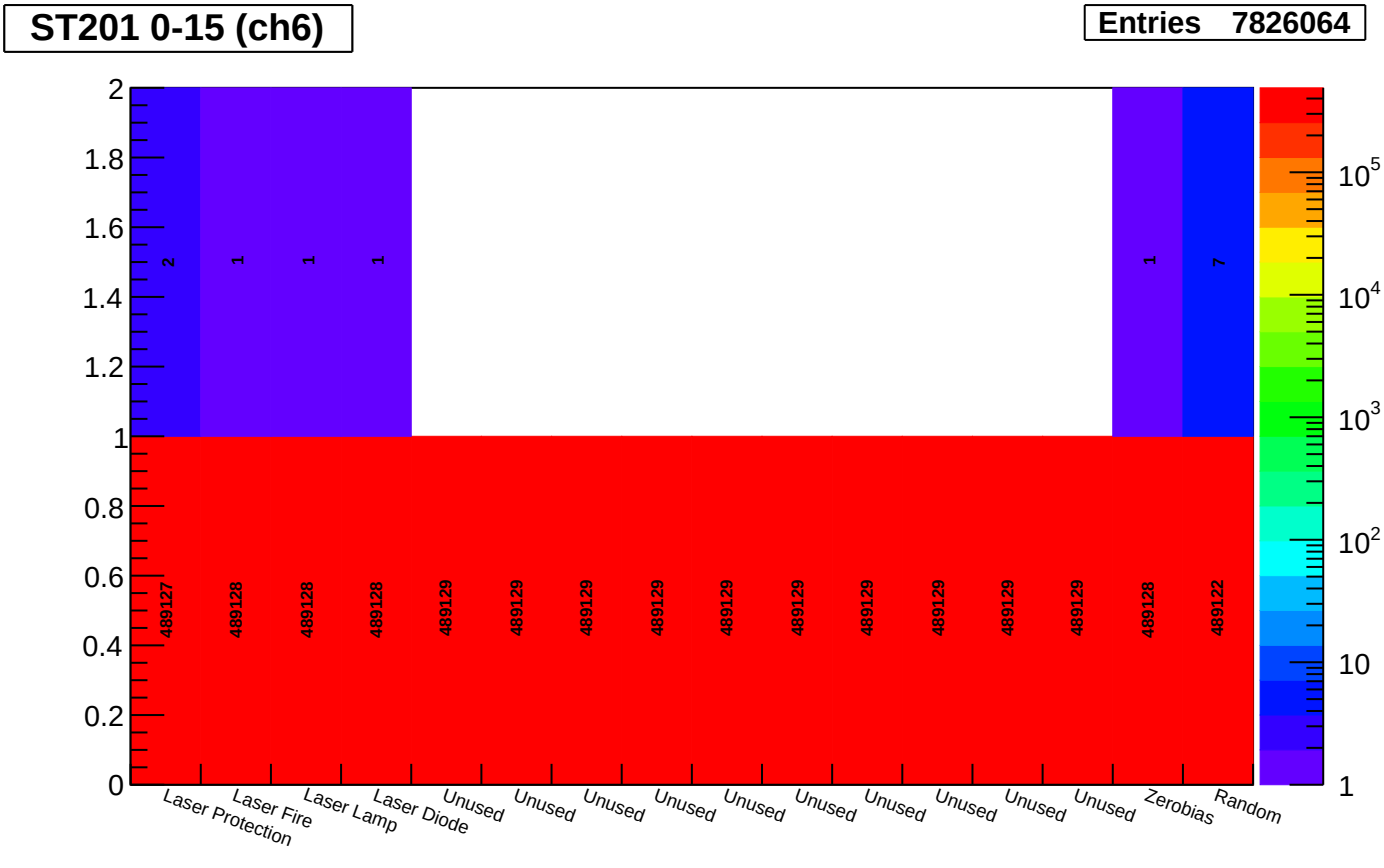

Entries 489129
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

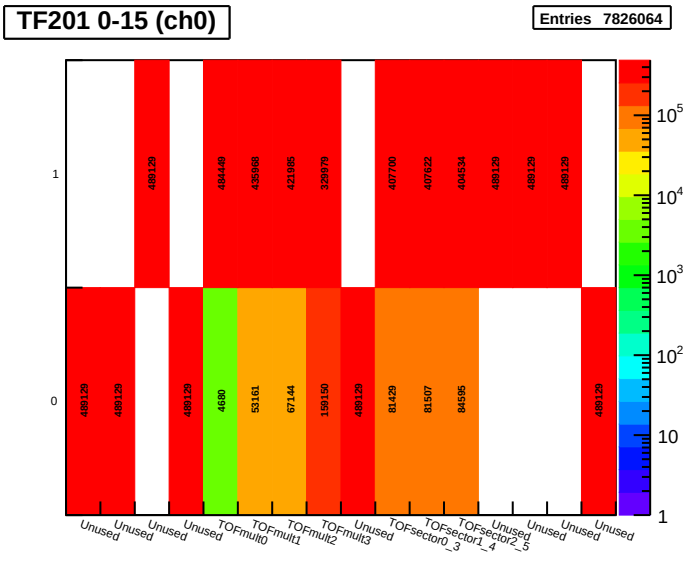

Entries 489129
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

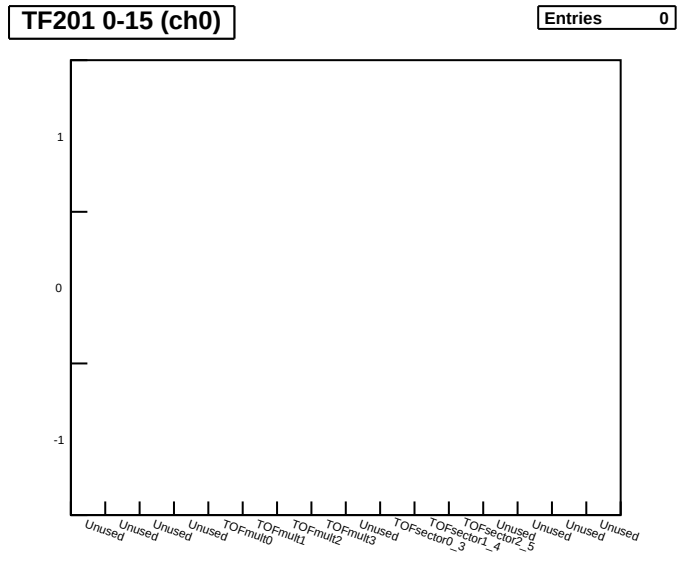

Entries 489129
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

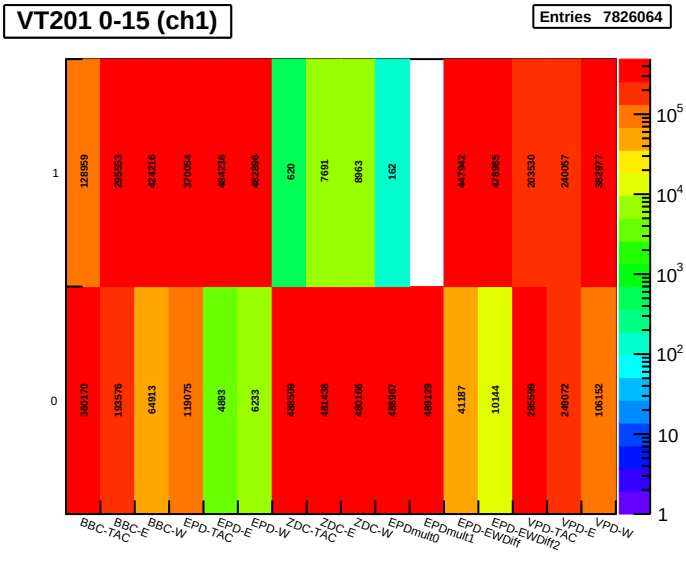

Entries 489129
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

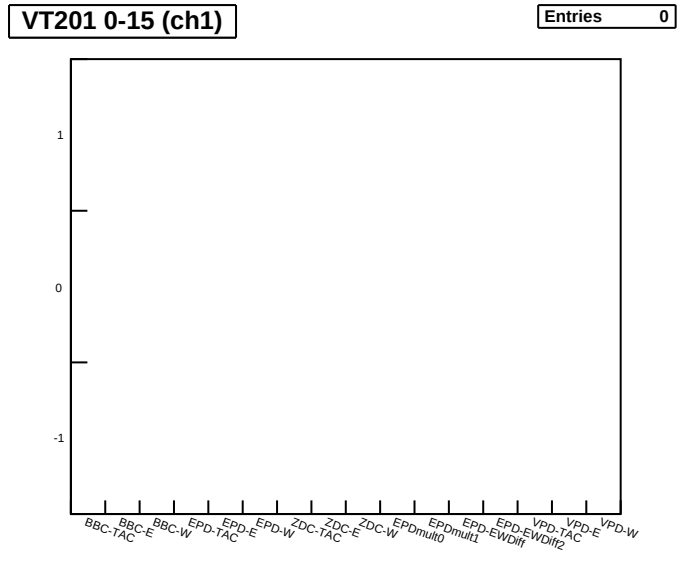

Laser Input Bits
Entries 489129
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

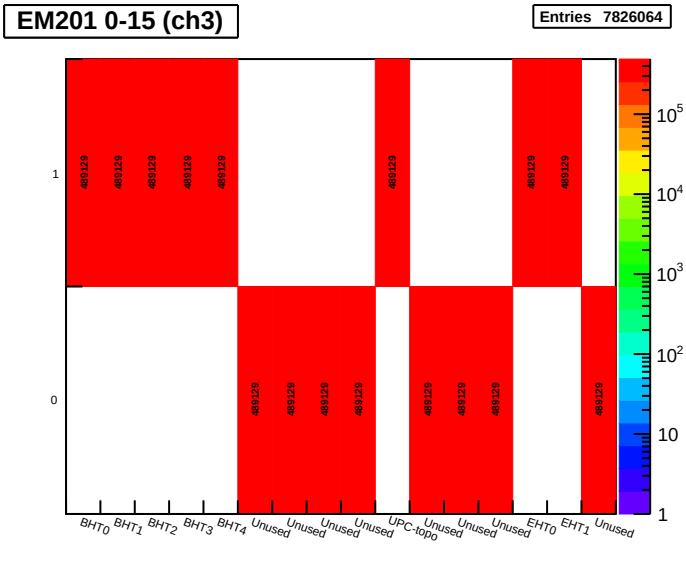

ST201 0-15 (ch6)
Entries 7826064
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
1
7
489127
489128
489128
489128
489129
489129
489129
489129
489129
489129
489129
489129
489129
489129
489128
489122
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

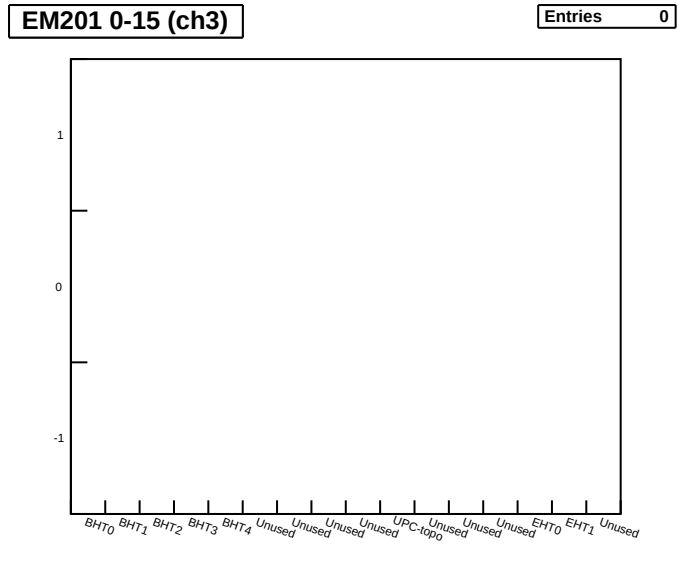

TF201 0-15 (ch0)
Entries 7826064
1
0
489129 489129 489129 489129 484449 435968 421985 329979 407700 407622 404534 489129 489129 489129
489129 489129 489129 4680 53161 67144 159150 489129 81429 81507 84595 489129
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 7826064
1
0
128959 295553 424216 370054 484236 482896 620 7691 8963 162 447942 478985 203530 240057 382977
360170 193576 64913 119075 4893 6233 488509 481438 480166 488967 489129 41187 10144 288599 249072 106152
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
1 10 10^2 10^3 10^4 10^5


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 7826064
1
0
489129 489129 489129 489129 489129 489129 489129 489129 489129
489129 489129 489129 489129 489129 489129 489129 489129
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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