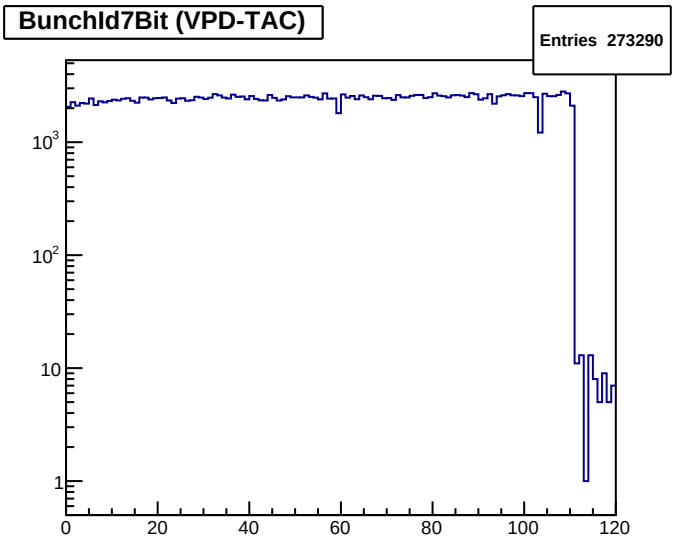
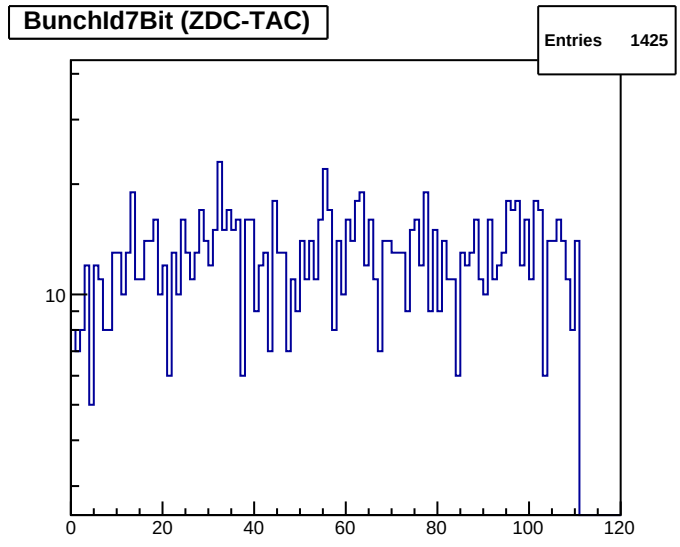
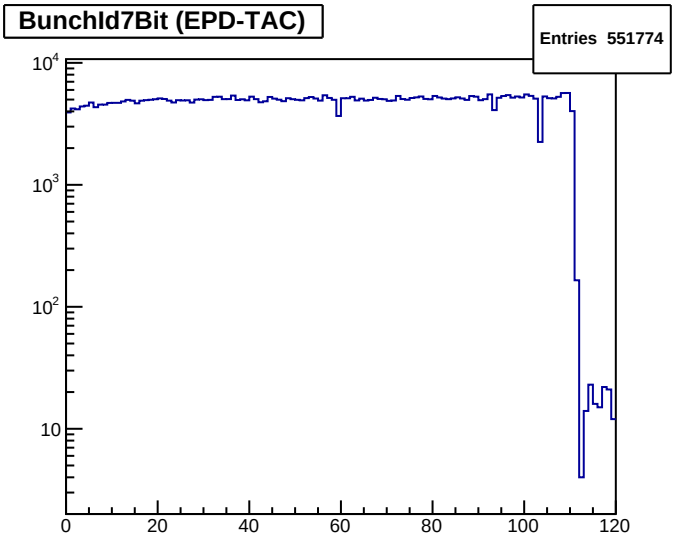
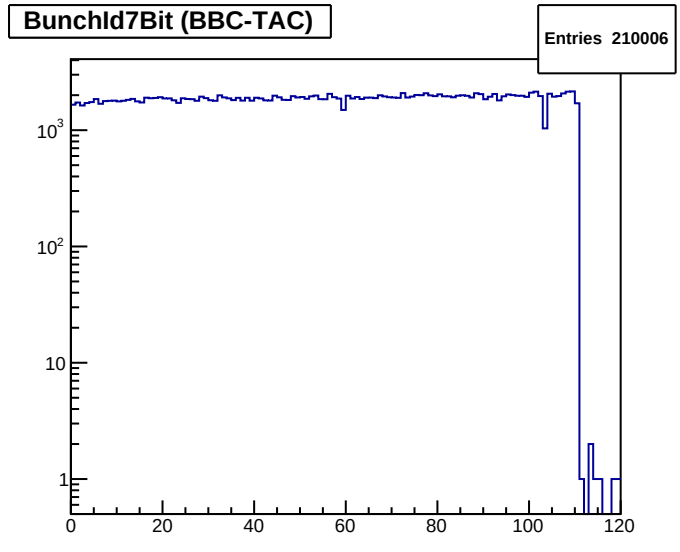
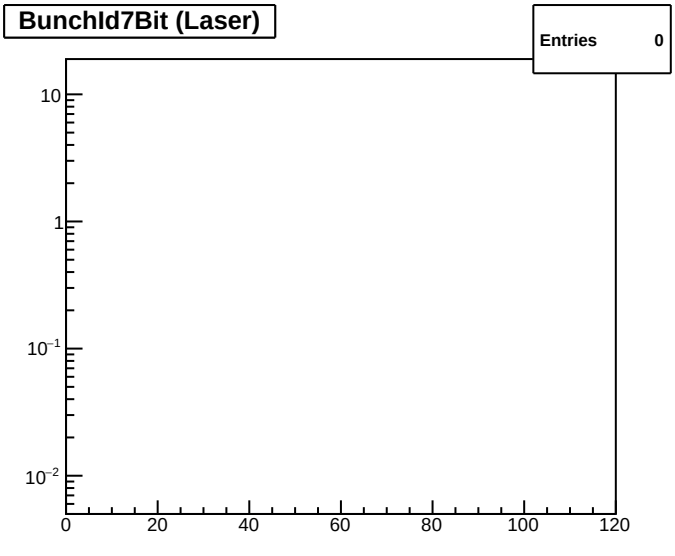
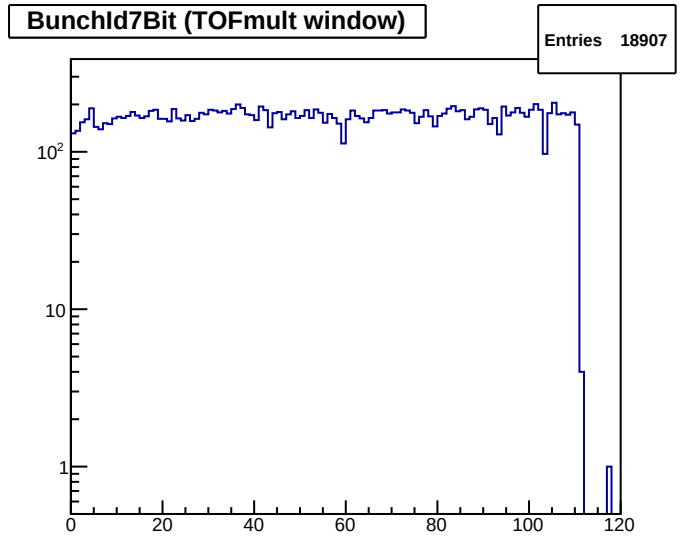

BunchId7Bit (VPD-TAC)
Entries 273290

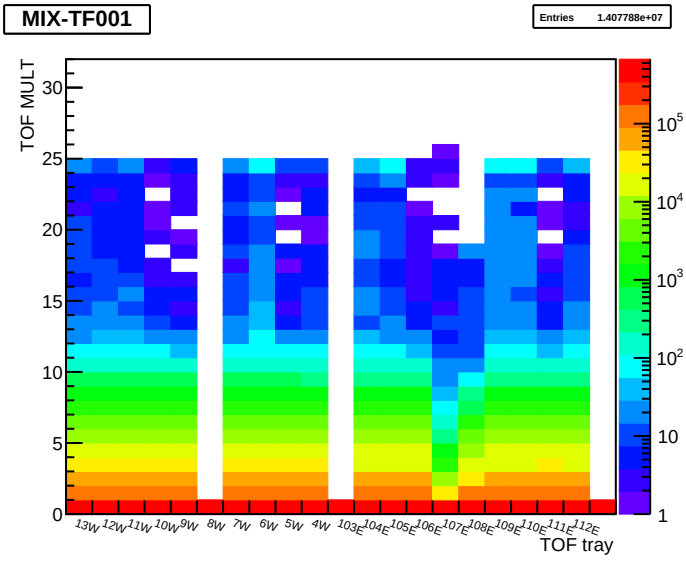

BunchId7Bit (ZDC-TAC)
Entries 1425

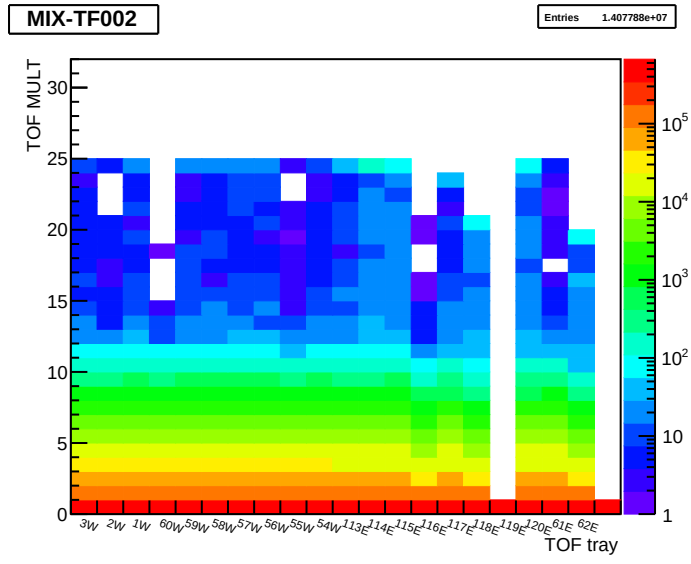

BunchId7Bit (EPD-TAC)
Entries 551774

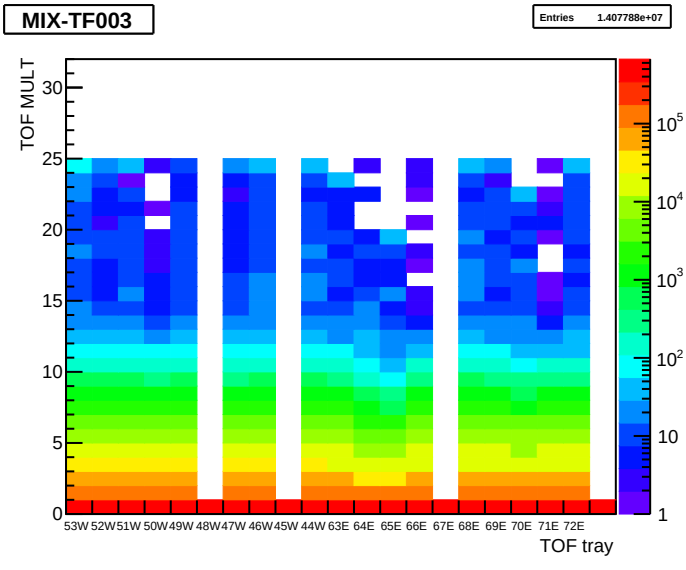

BunchId7Bit (BBC-TAC)
Entries 210006

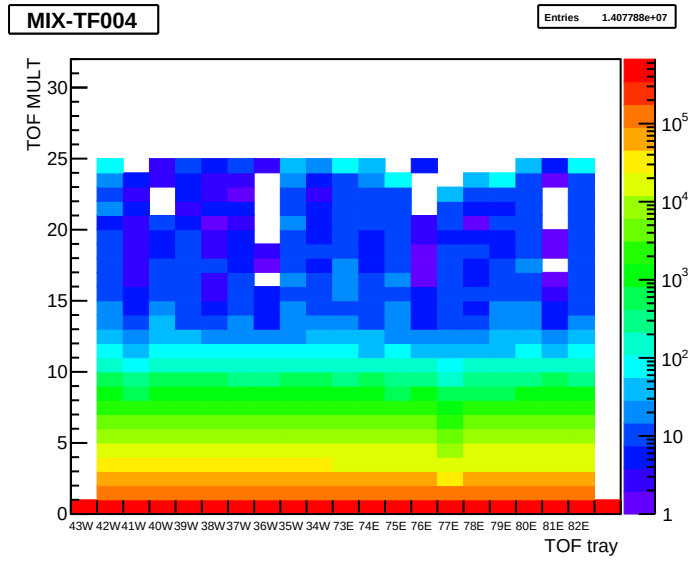

BunchId7Bit (Laser)
Entries 0

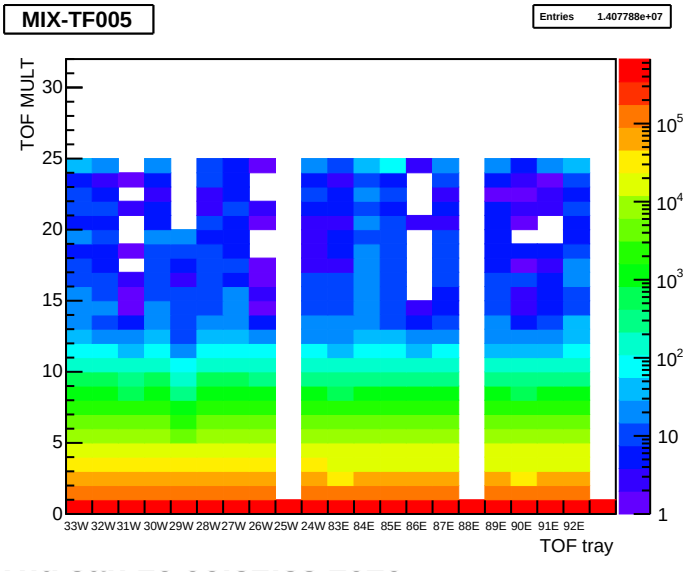

BunchId7Bit (TOFmult window)
Entries 18907

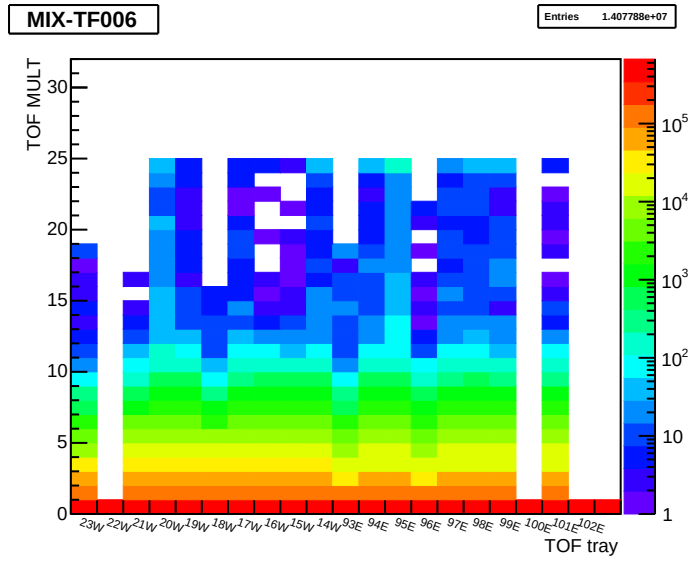

MIX-TF001
Entries 1.407788e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

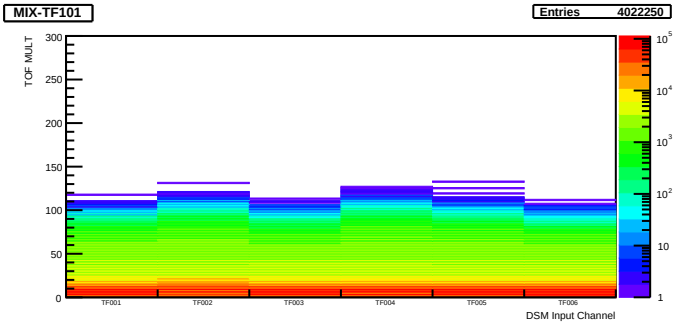

MIX-TF002
Entries 1.407788e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

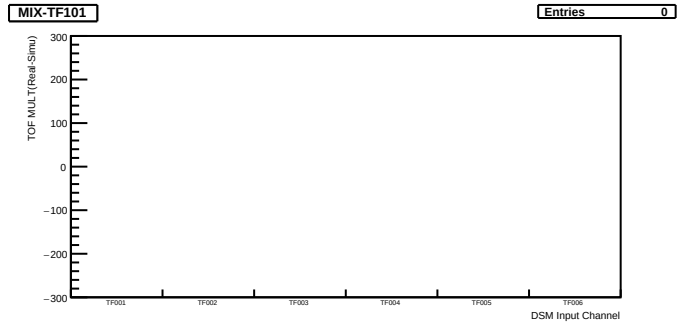

MIX-TF003
Entries 1.407788e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

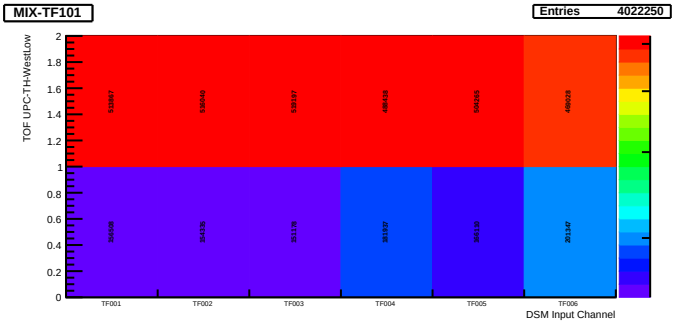

MIX-TF004
Entries 1.407788e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

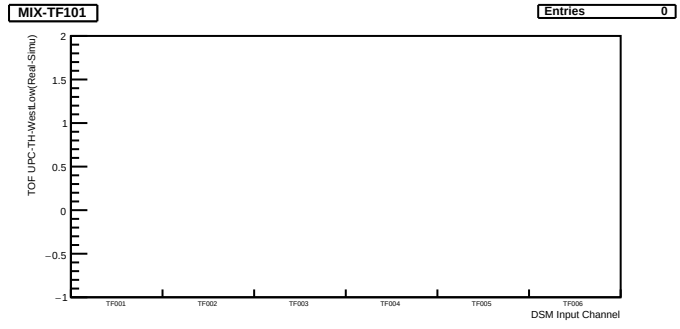

MIX-TF005
Entries 1.407788e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

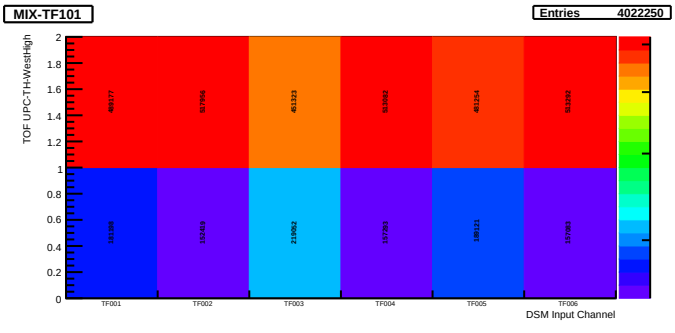

MIX-TF006
Entries 1.407788e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

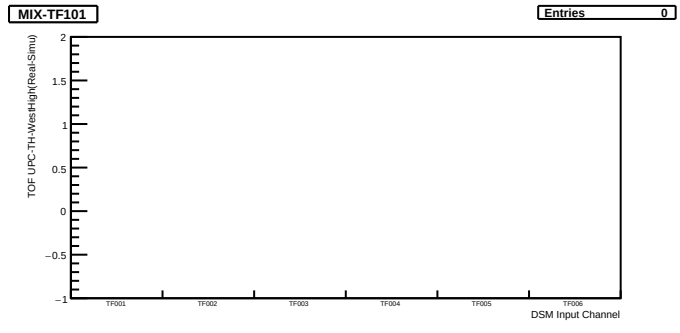

MIX-TF101
Entries 4022250
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

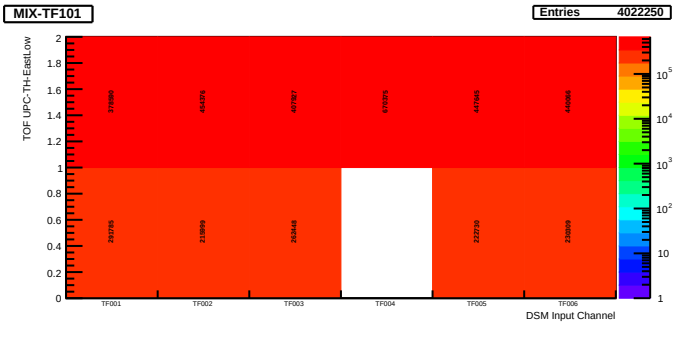

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

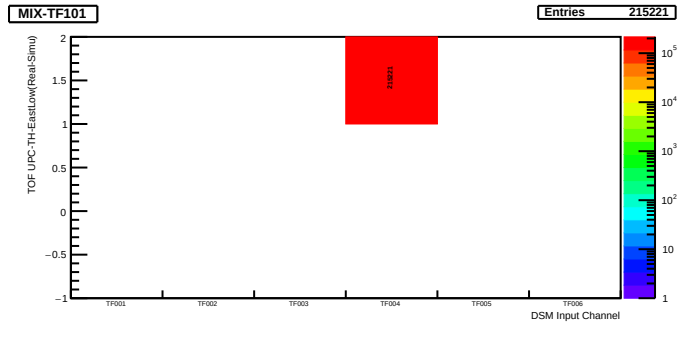

MIX-TF101
Entries 4022250
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

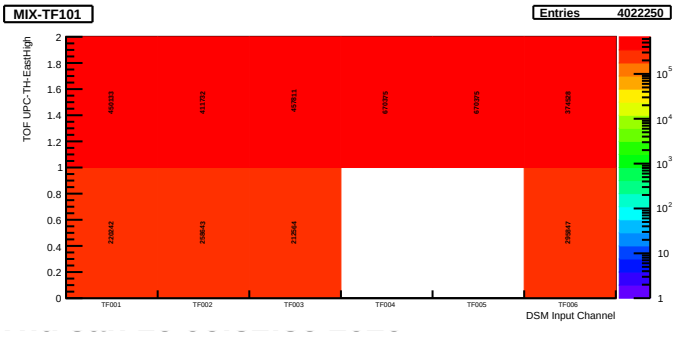

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

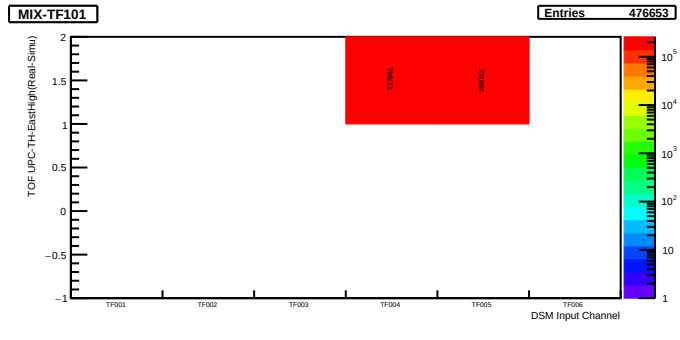

MIX-TF101
Entries 4022250
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

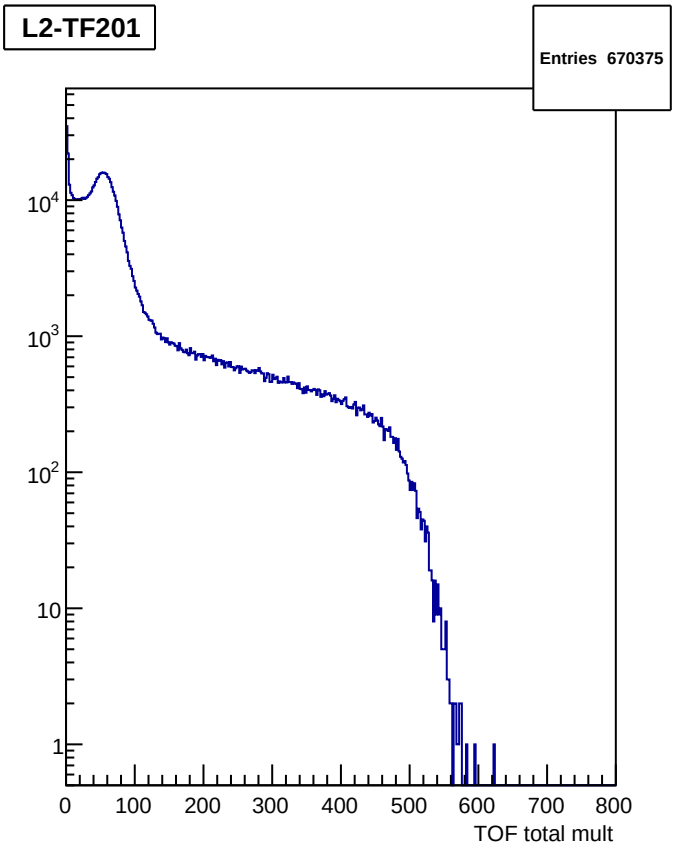

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

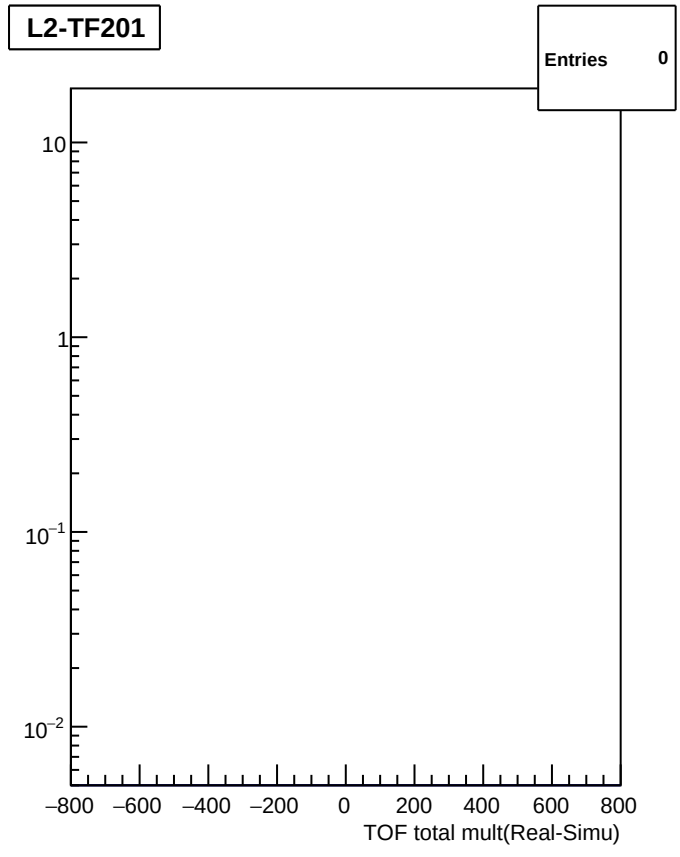

MIX-TF101
Entries 4022250
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

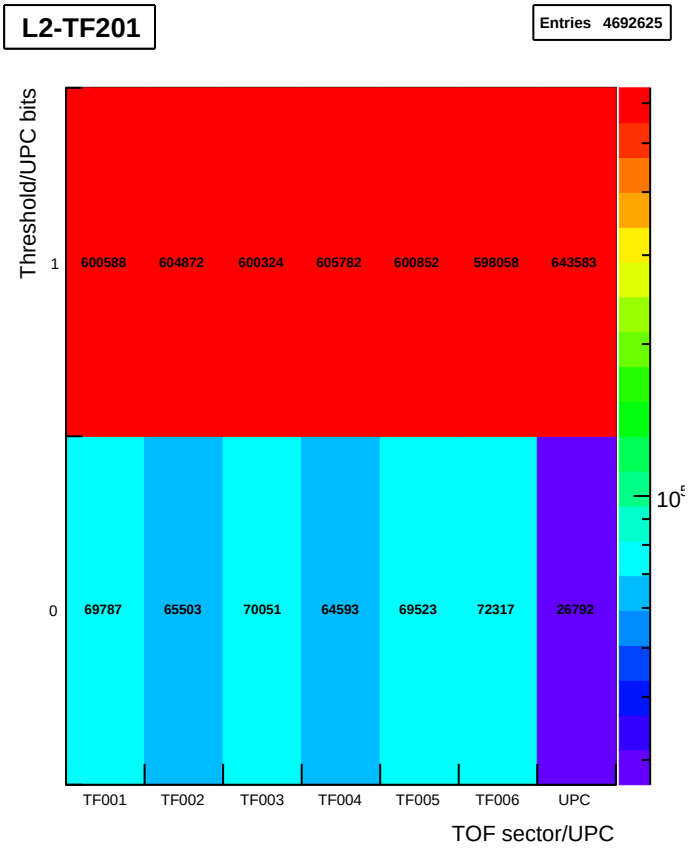

MIX-TF101
Entries 215221
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

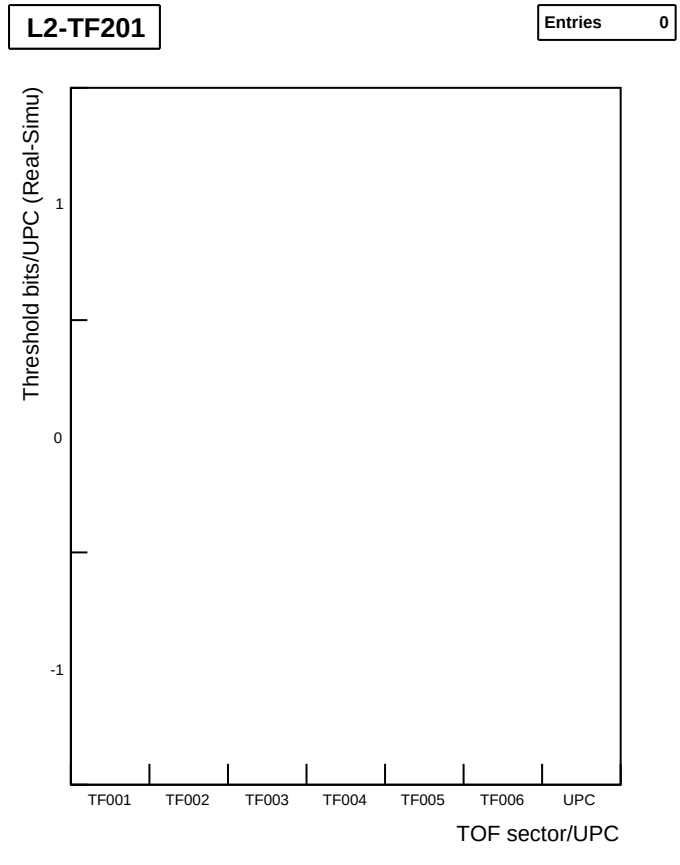

MIX-TF101
Entries 4022250
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

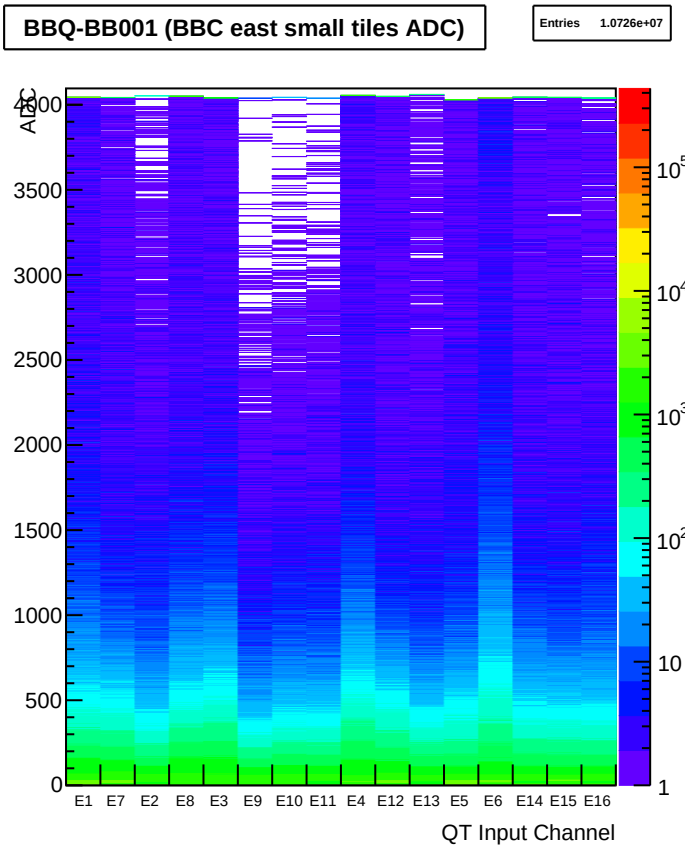

MIX-TF101
Entries 476653
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

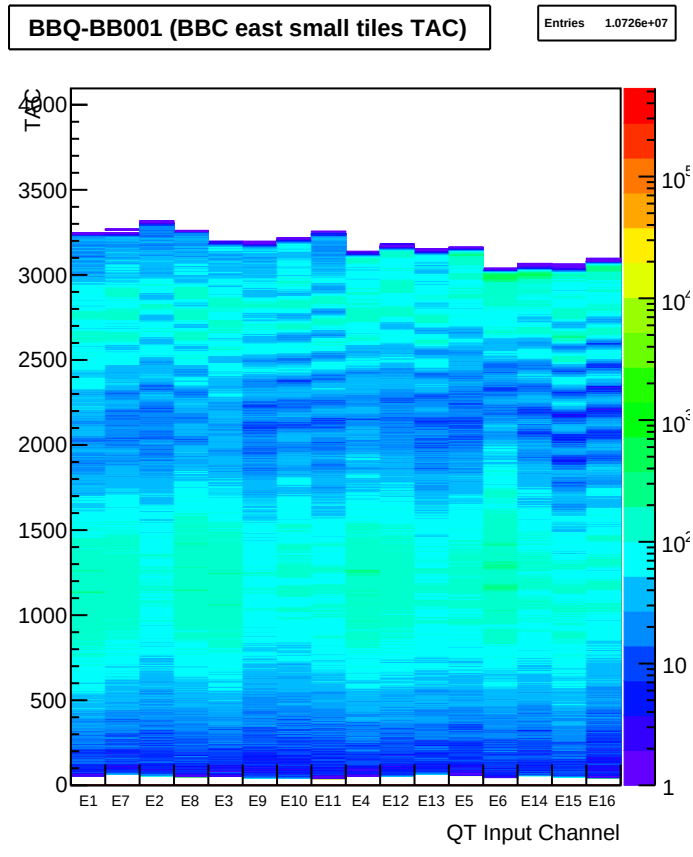

L2-TF201
Entries 670375
TOF total mult

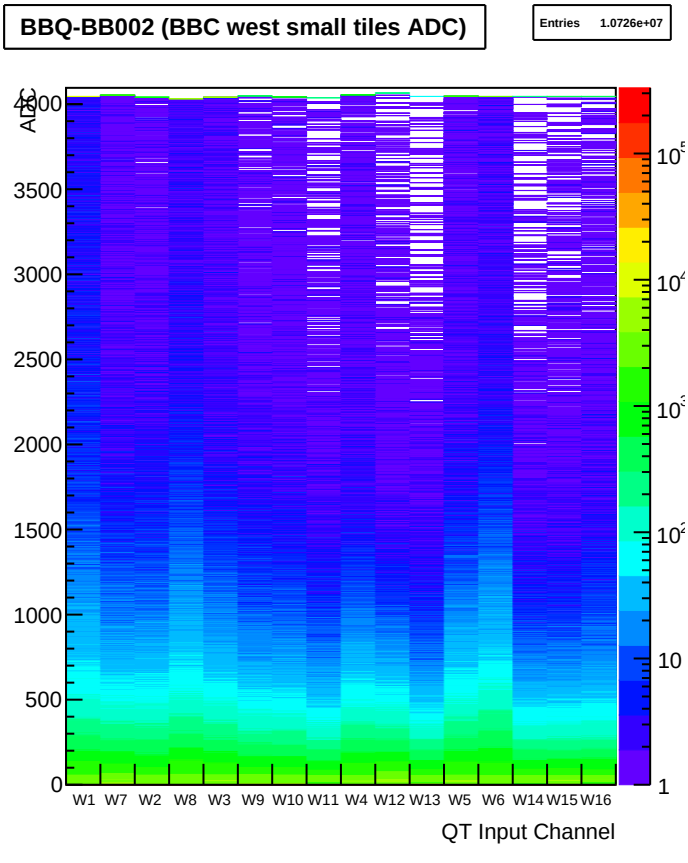

L2-TF201
Entries 0
TOF total mult(Real-Simu)

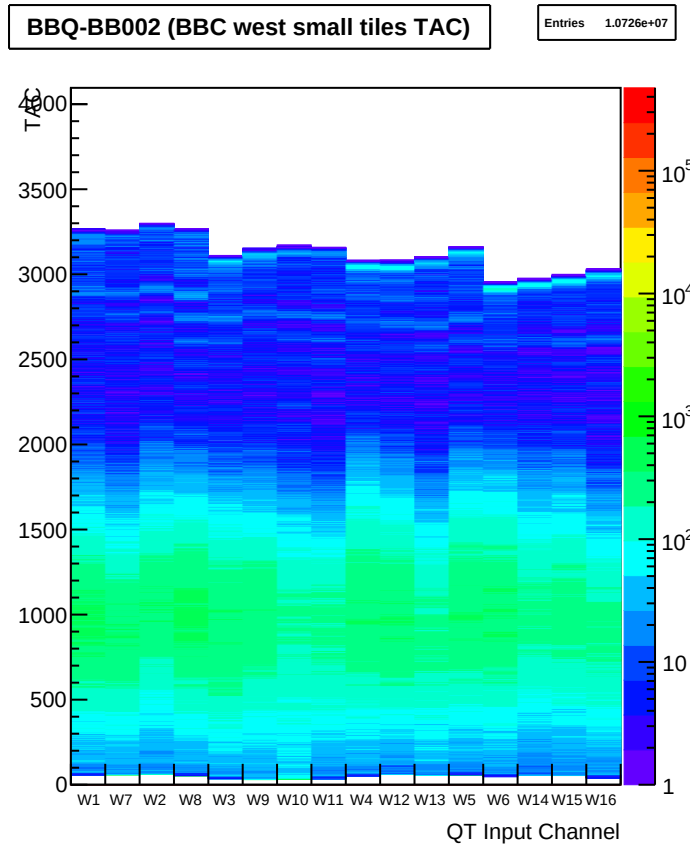

L2-TF201
Entries 4692625
Threshold/UPC bits
600588
604872
600324
605782
600852
598058
643583
69787
65503
70051
64593
69523
72317
26792
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

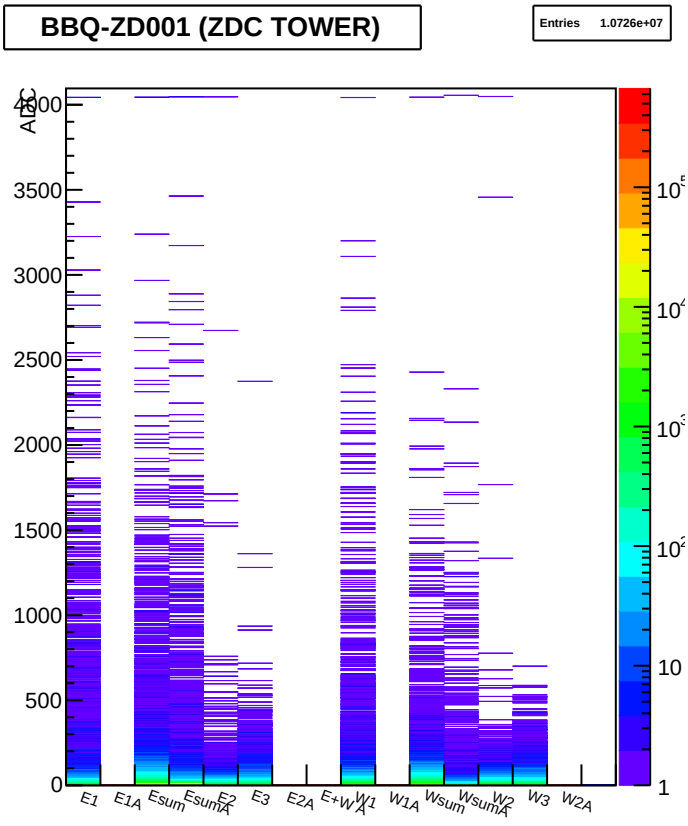

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

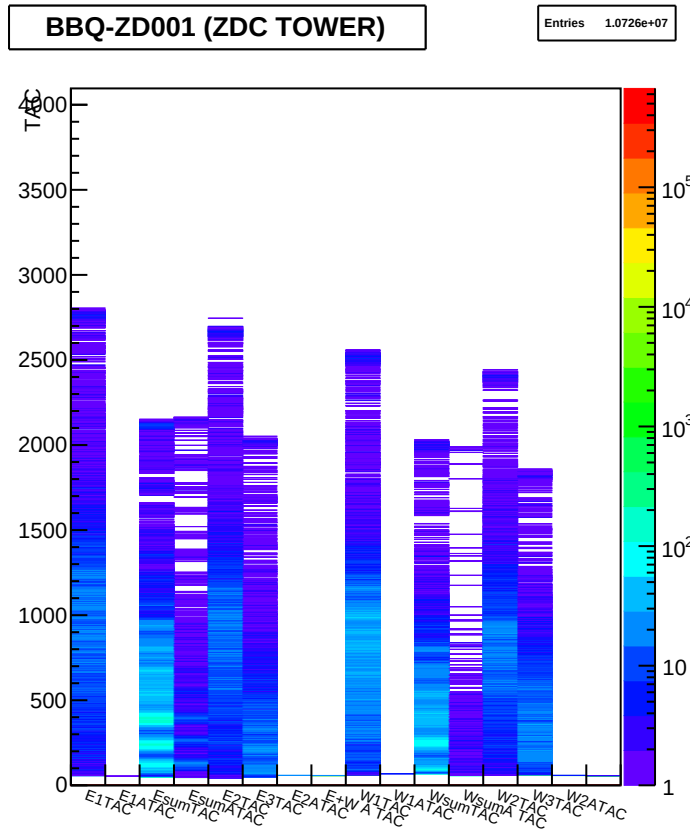

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.0726e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

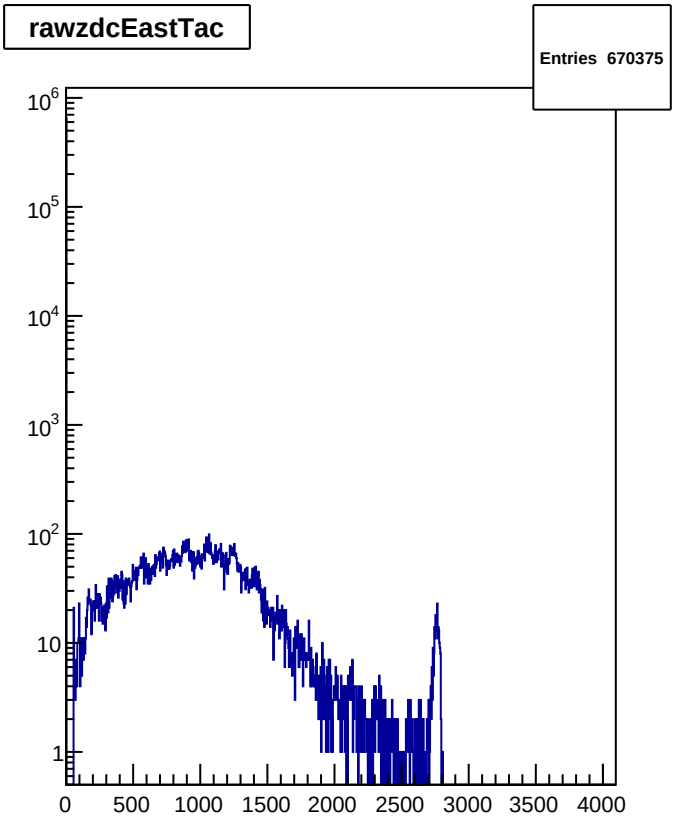

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.0726e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

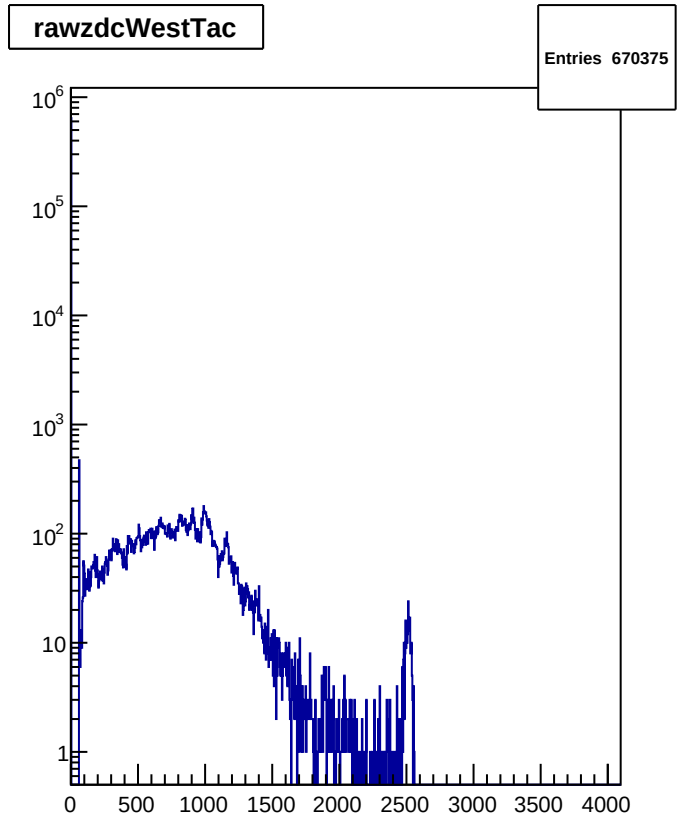

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.0726e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

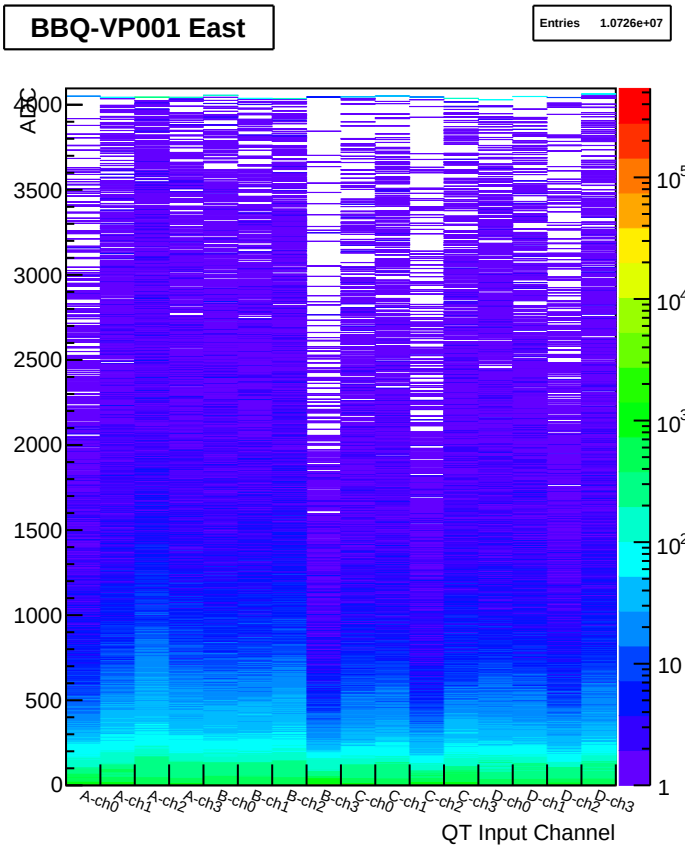

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.0726e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

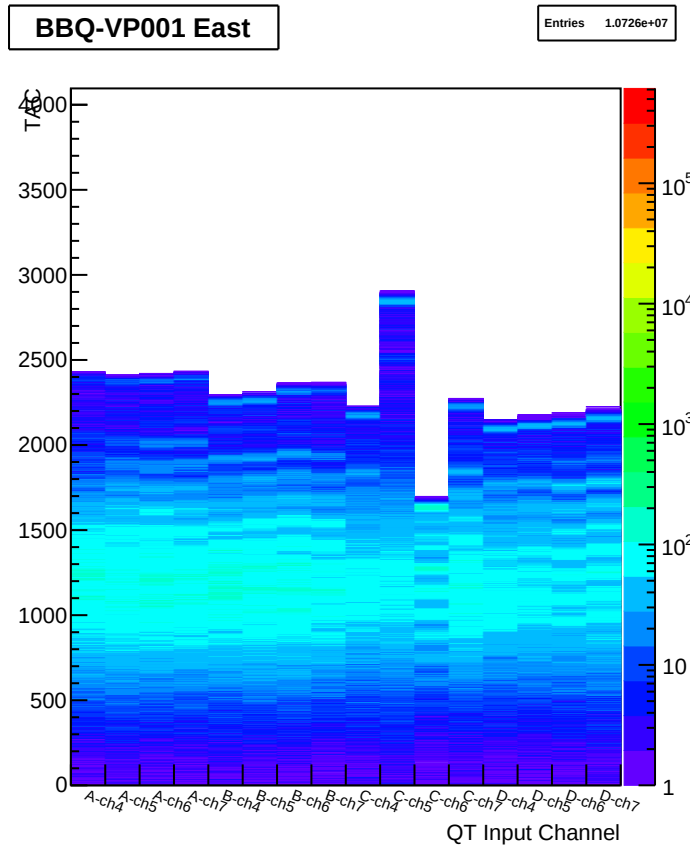

BBQ-ZD001 (ZDC TOWER)
Entries 1.0726e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

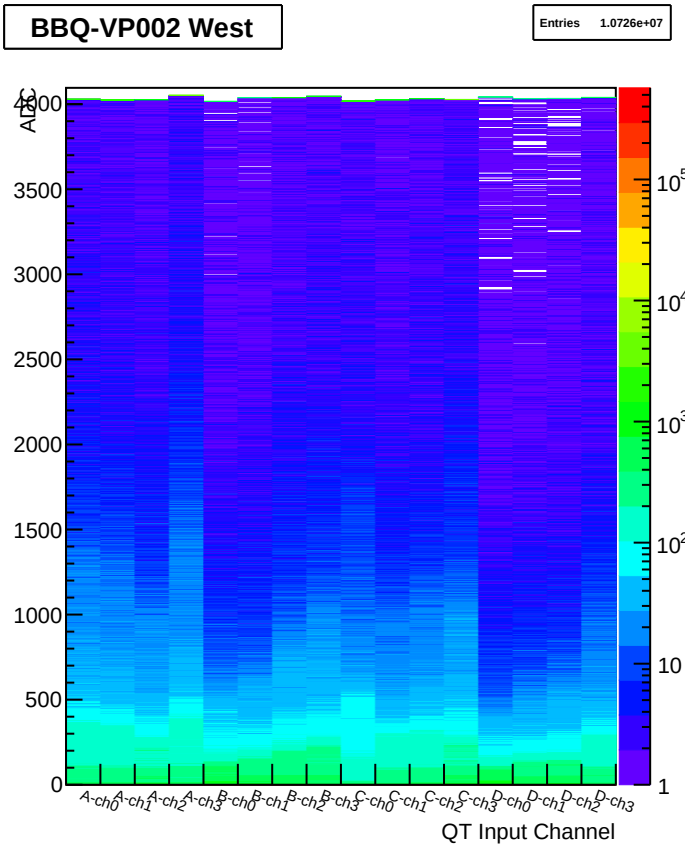

BBQ-ZD001 (ZDC TOWER)
Entries 1.0726e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

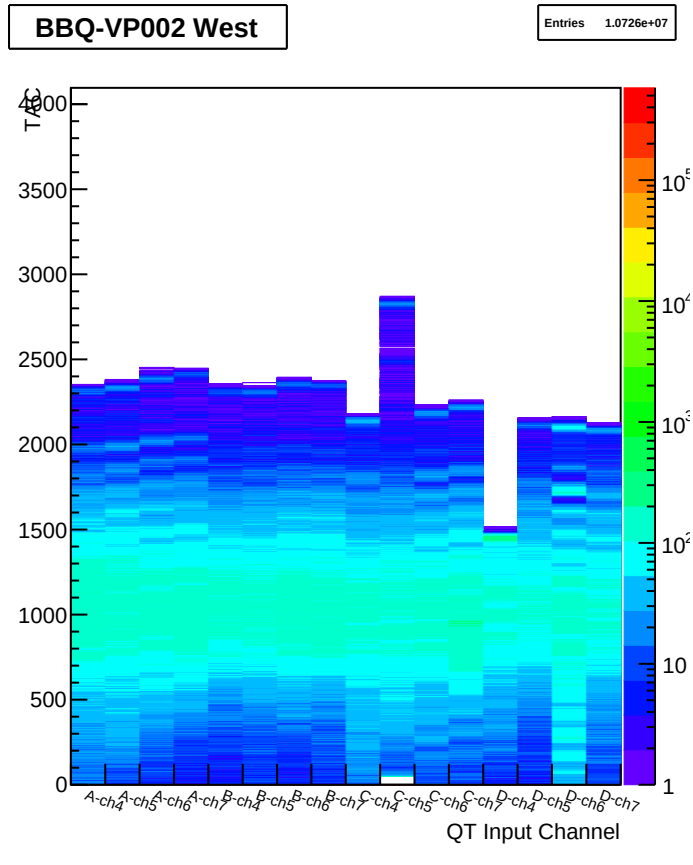

rawzdcEastTac
Entries 670375

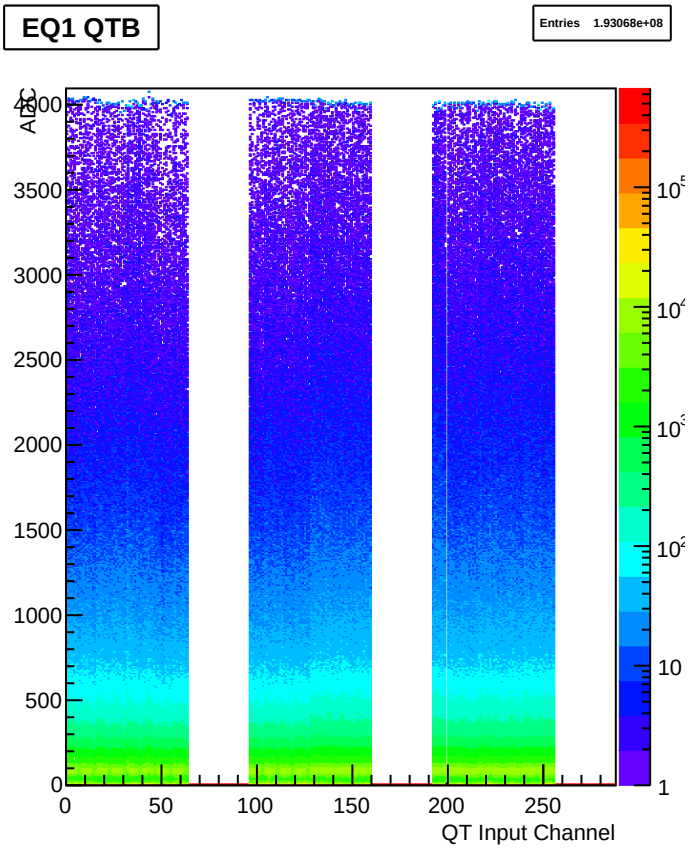

rawzdcWestTac
Entries 670375

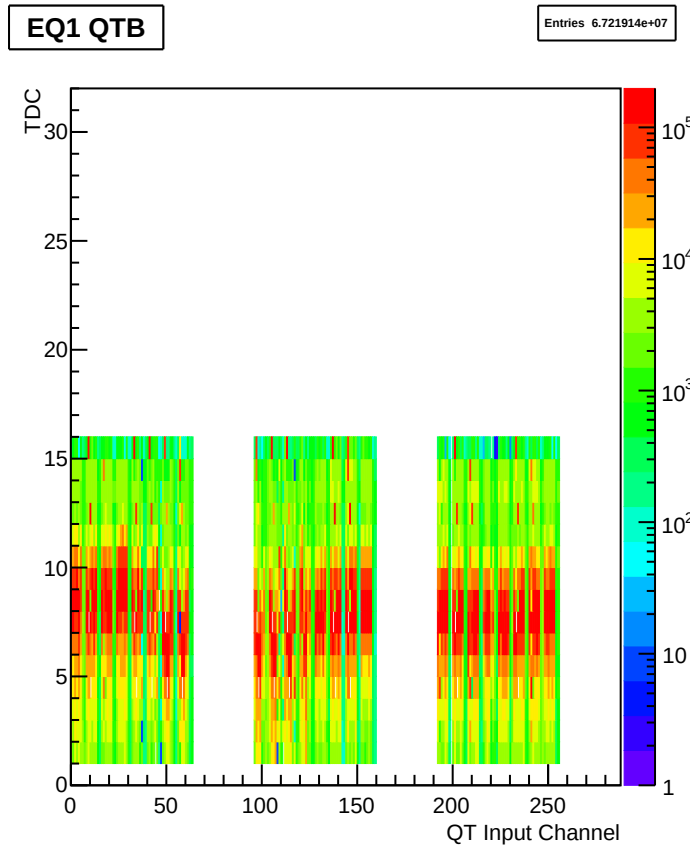

BBQ-VP001 East
Entries 1.0726e+07
ADC
QT Input Channel

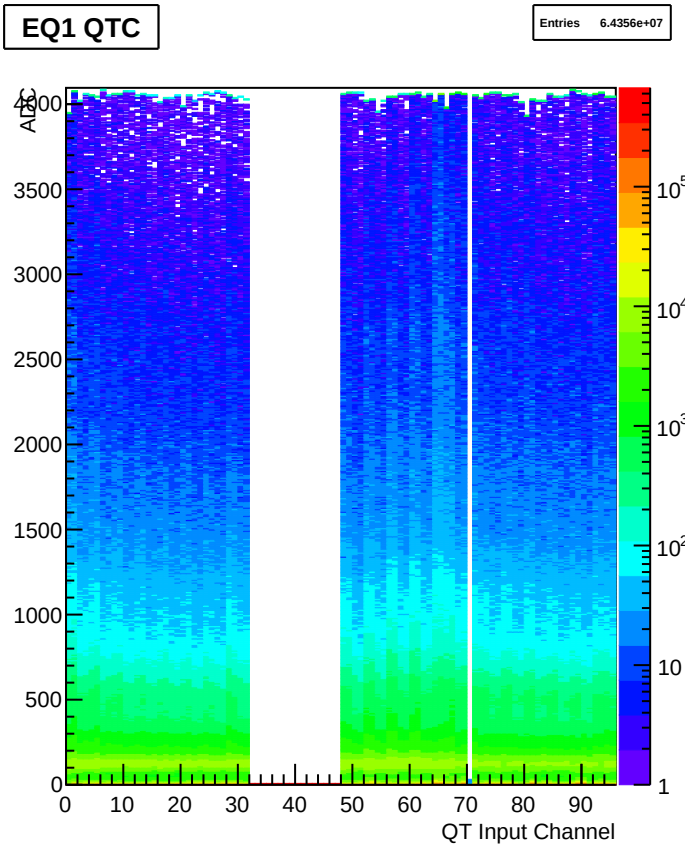

BBQ-VP001 East
Entries 1.0726e+07
TADC
QT Input Channel

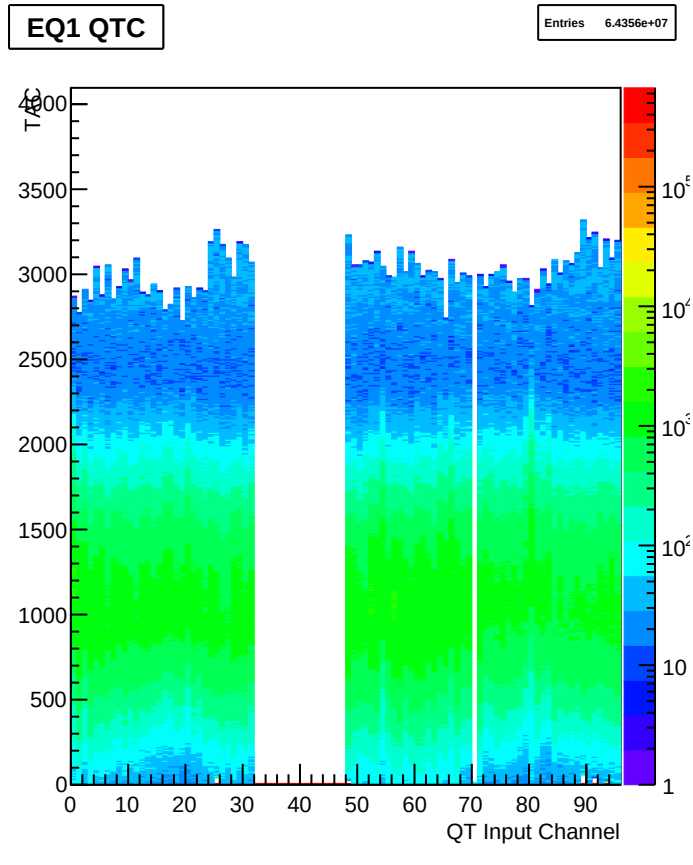

BBQ-VP002 West
Entries 1.0726e+07
ADC
QT Input Channel

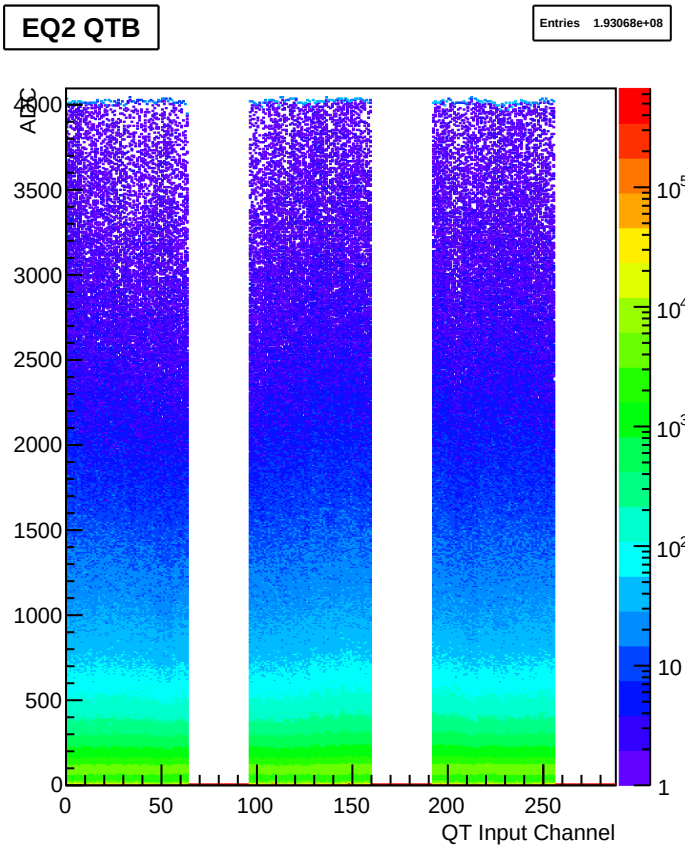

BBQ-VP002 West
Entries 1.0726e+07
TADC
QT Input Channel

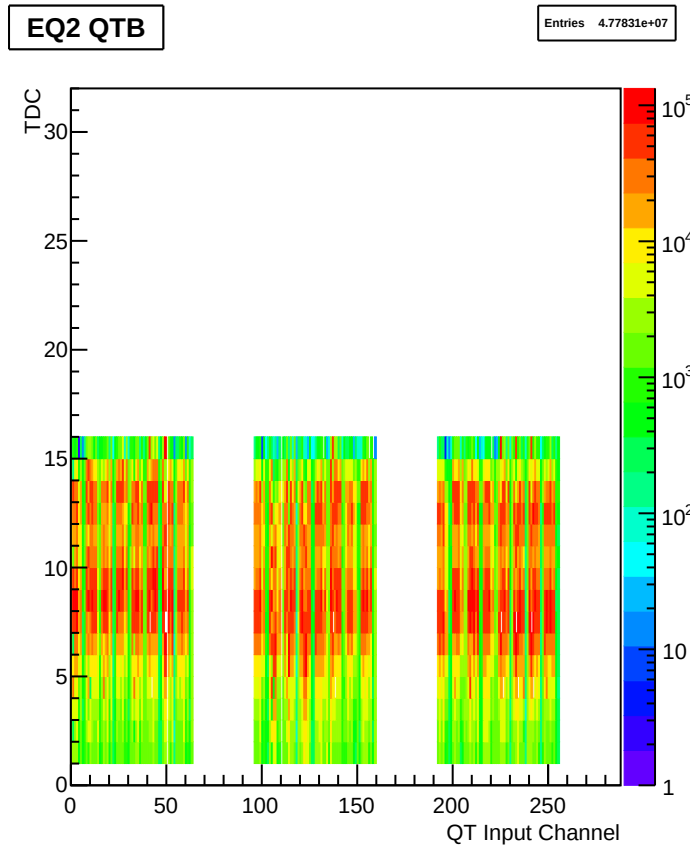

EQ1 QTB
Entries 1.93068e+08
ADC
QT Input Channel

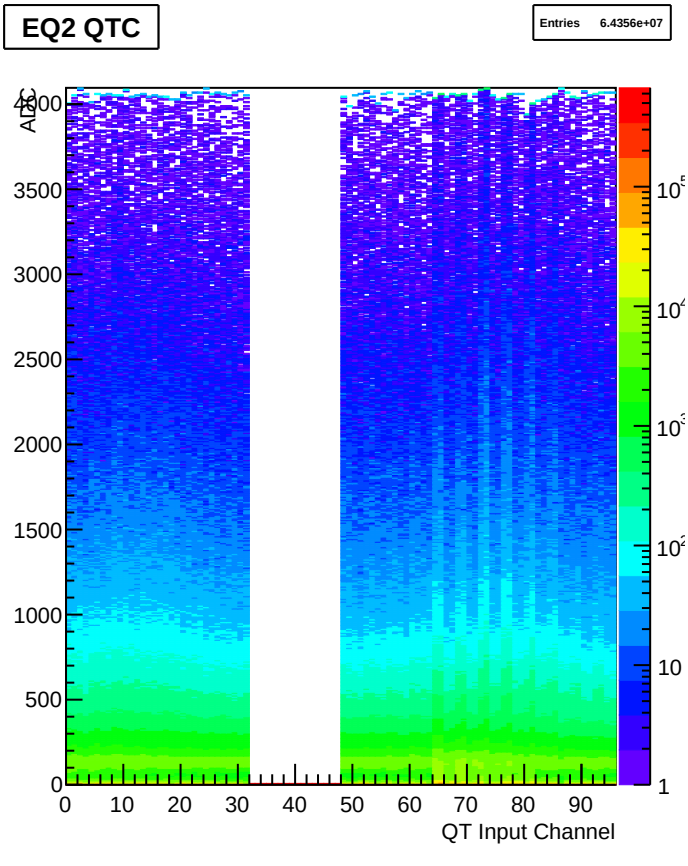

EQ1 QTB
Entries 6.721914e+07
TDC
QT Input Channel

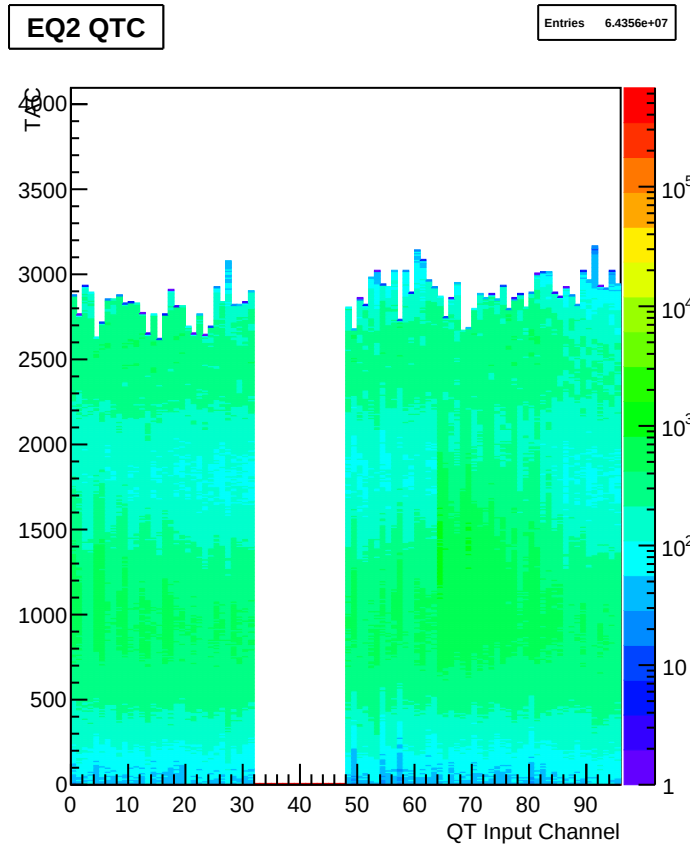

EQ1 QTC
Entries 6.4356e+07
ADC
QT Input Channel

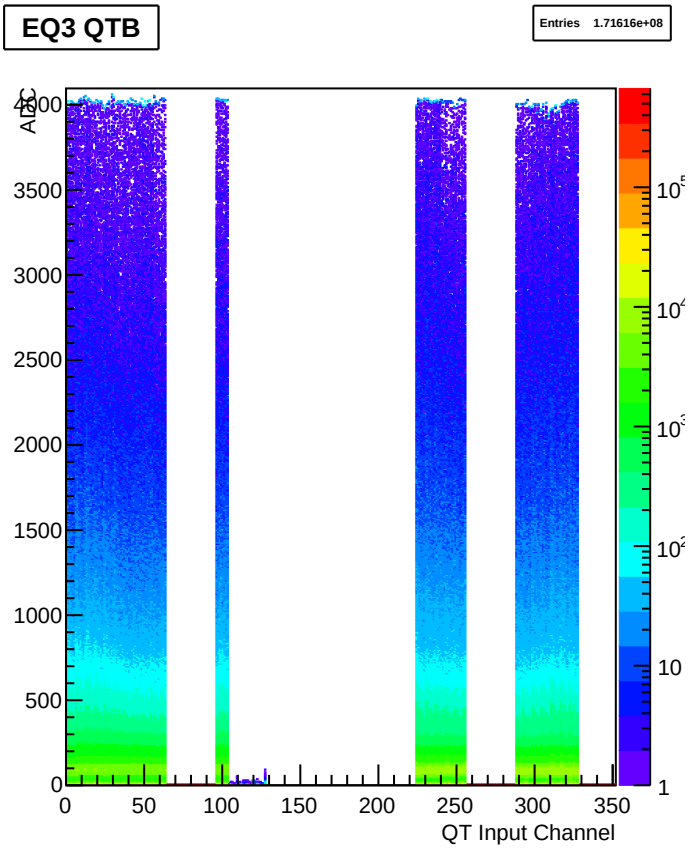

EQ1 QTC
Entries 6.4356e+07
TADC
QT Input Channel

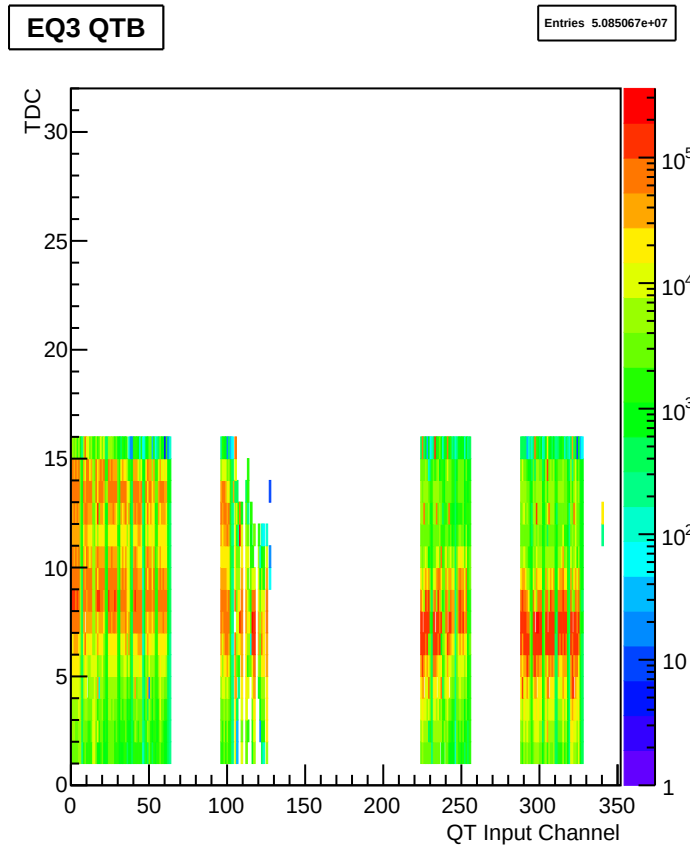

EQ2 QTB
Entries 1.93068e+08
ADC
QT Input Channel


EQ2 QTB
Entries 4.77831e+07
TDC
QT Input Channel


EQ2 QTC
Entries 6.4356e+07
ADC
QT Input Channel


EQ2 QTC
Entries 6.4356e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.71616e+08
ADC
QT Input Channel


EQ3 QTB
Entries 5.085067e+07
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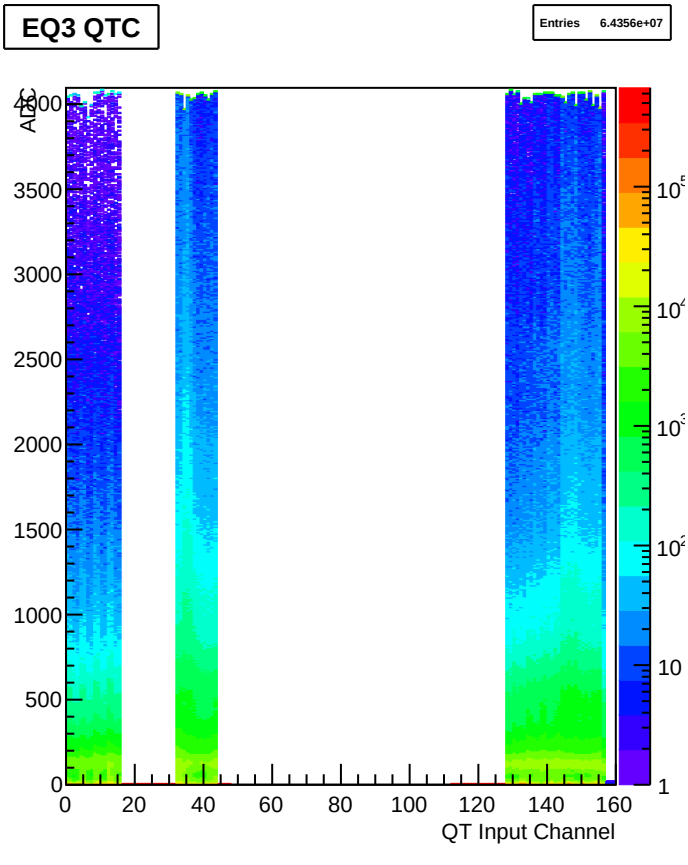
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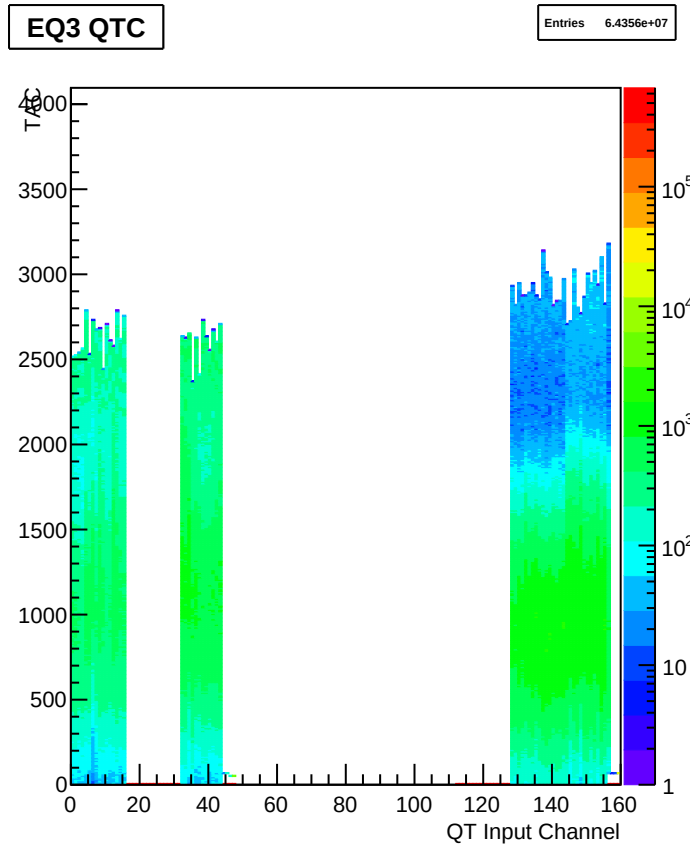
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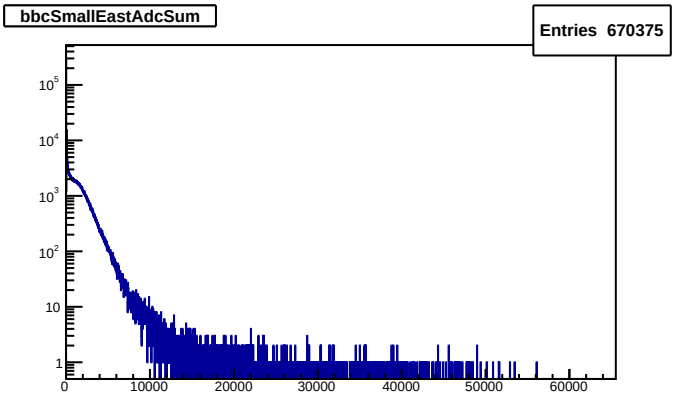
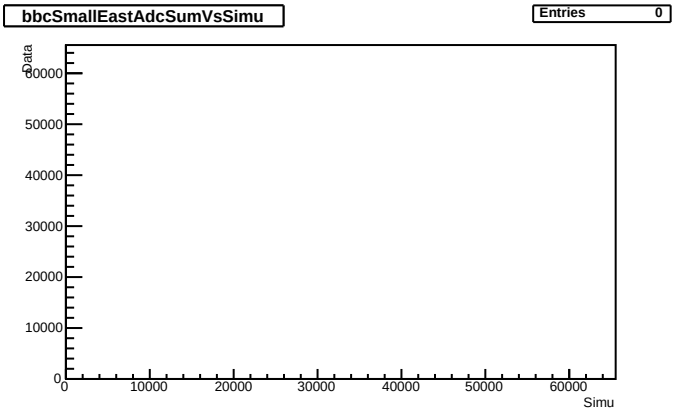
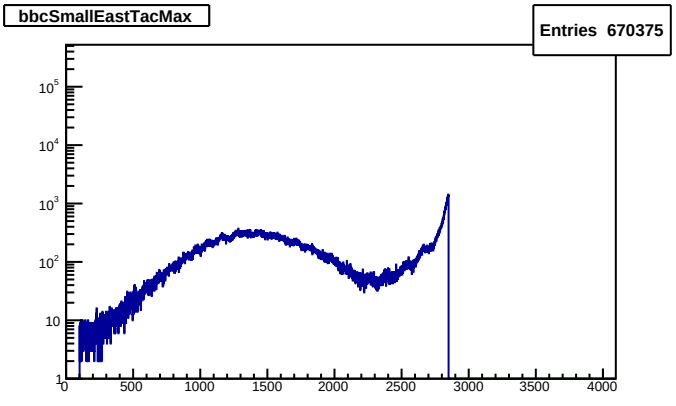
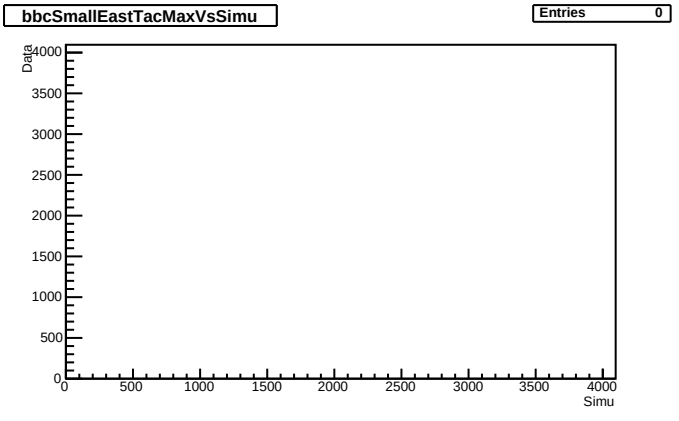
Entries 6.4356e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 670375


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 670375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Entries 0
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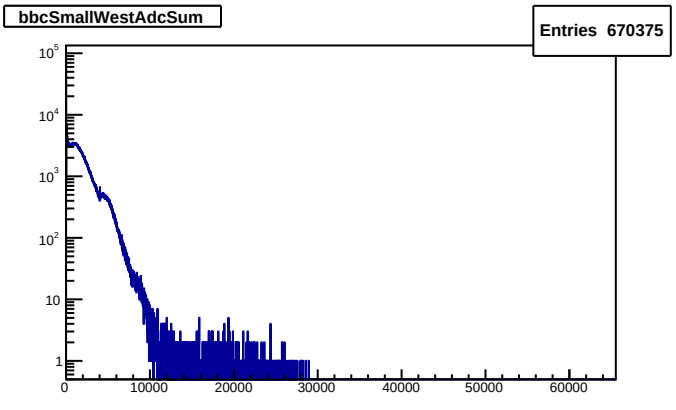
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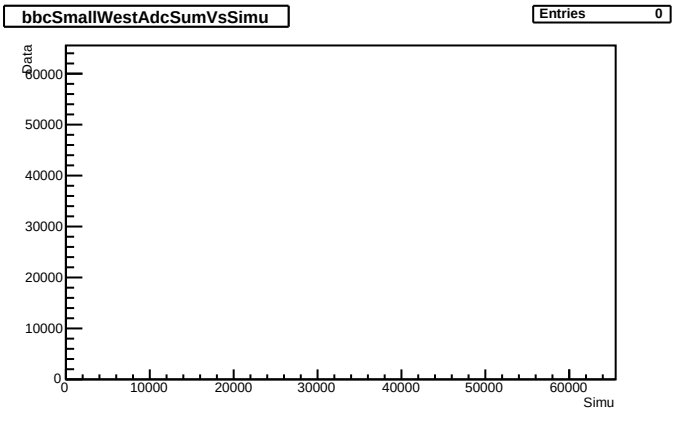
Entries 670375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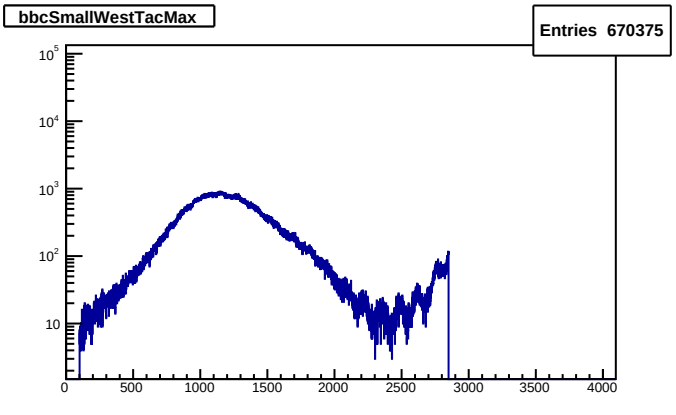
Simu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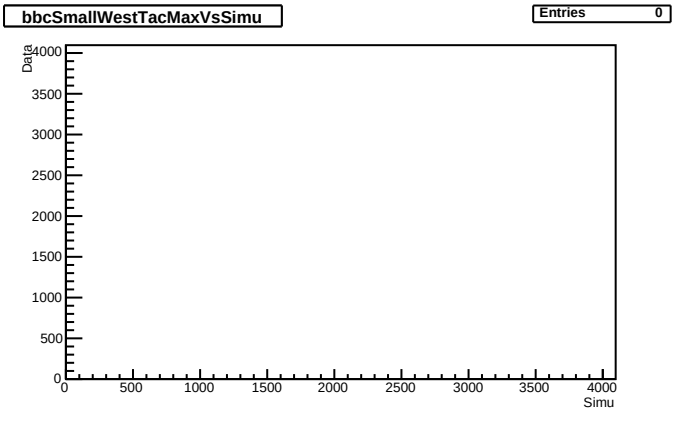
bbcSmallWestTacMaxVsSimu
Entries 0
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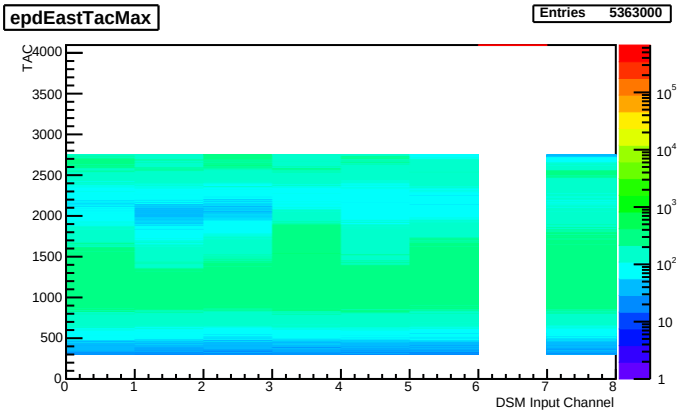
Simu


epdEastTacMax
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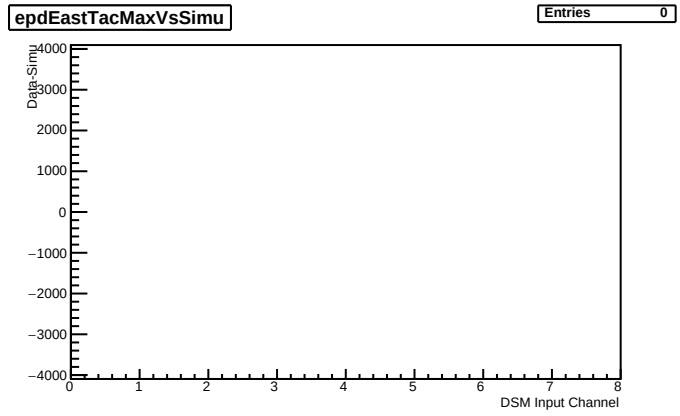
DSM Input Channel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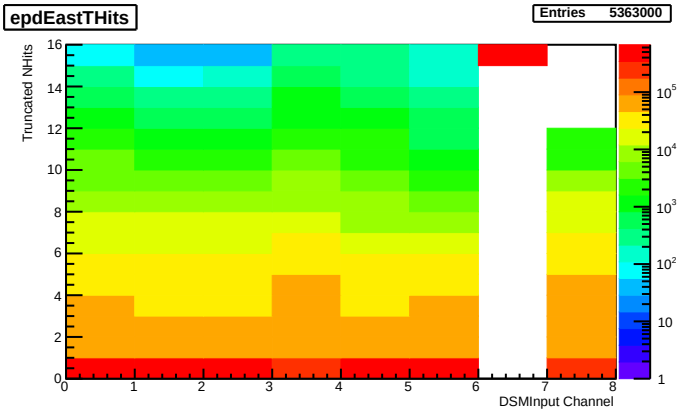
Entries 0
Data-Simu
DSM Input Channel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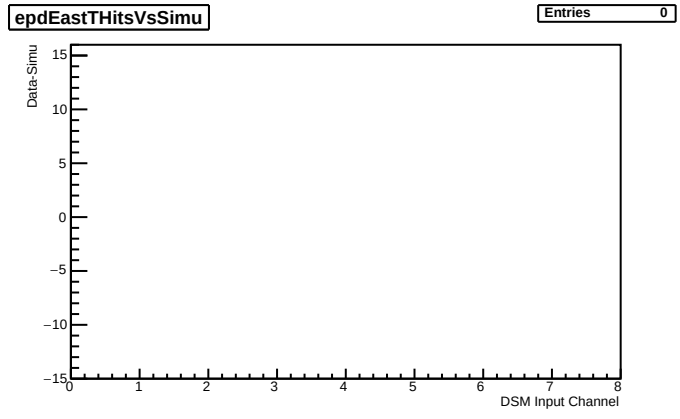
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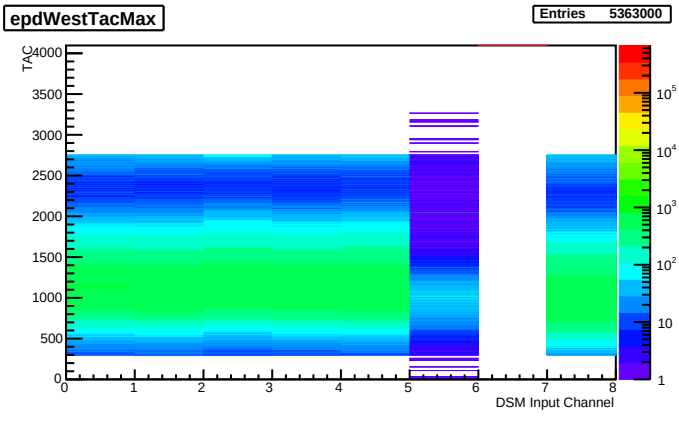
DSM Input Channel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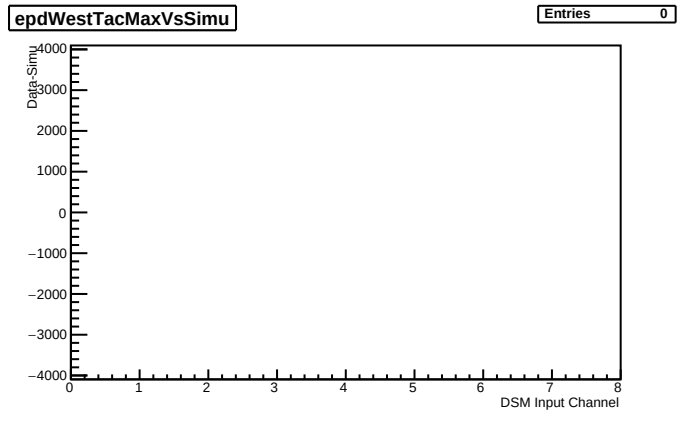
DSM Input Channel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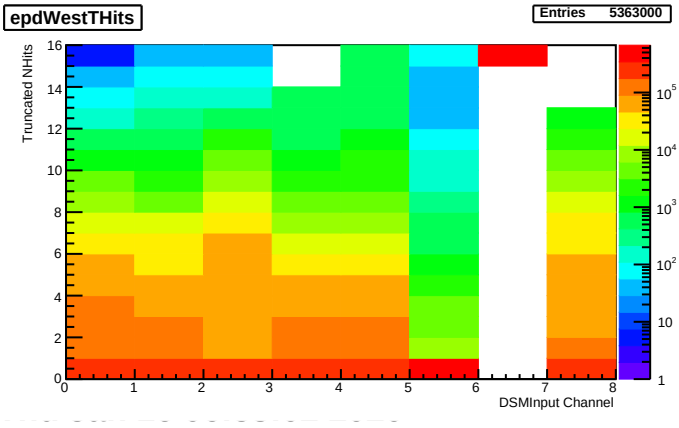
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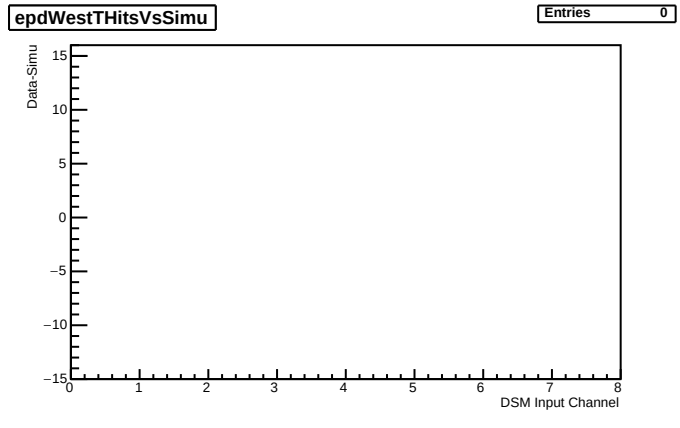
DSMInput Channel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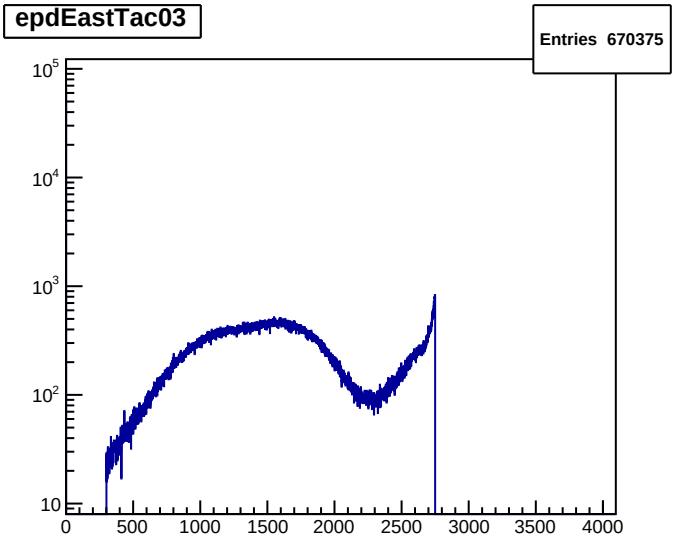
DSM Input Channel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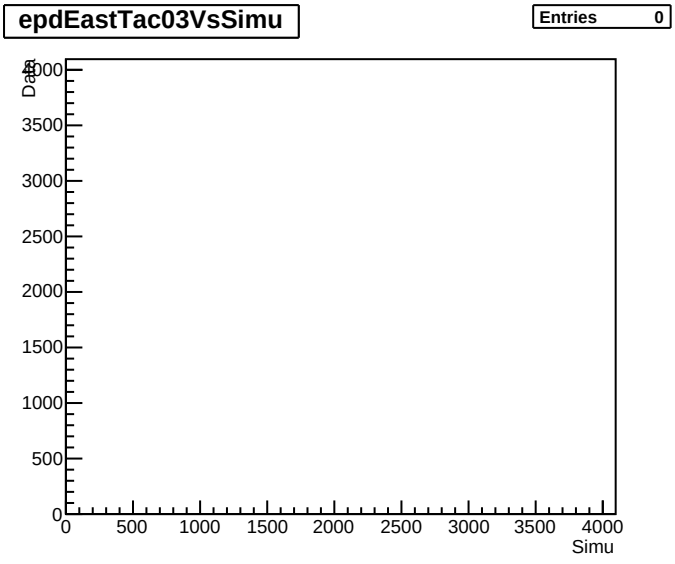
Entries 670375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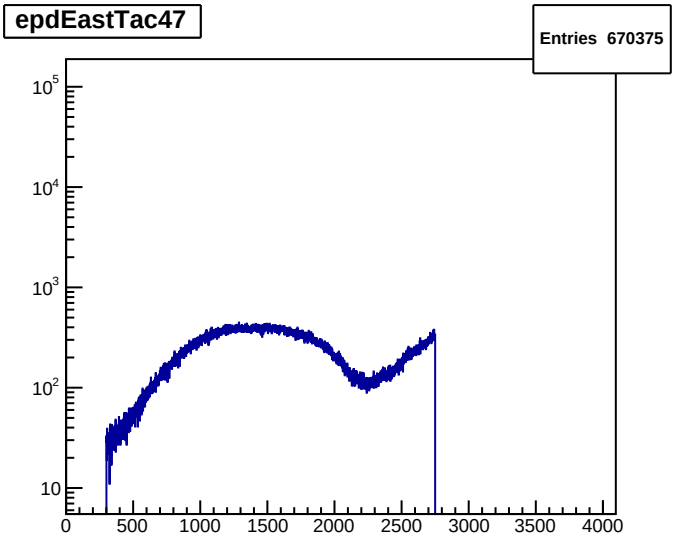
Data
Simu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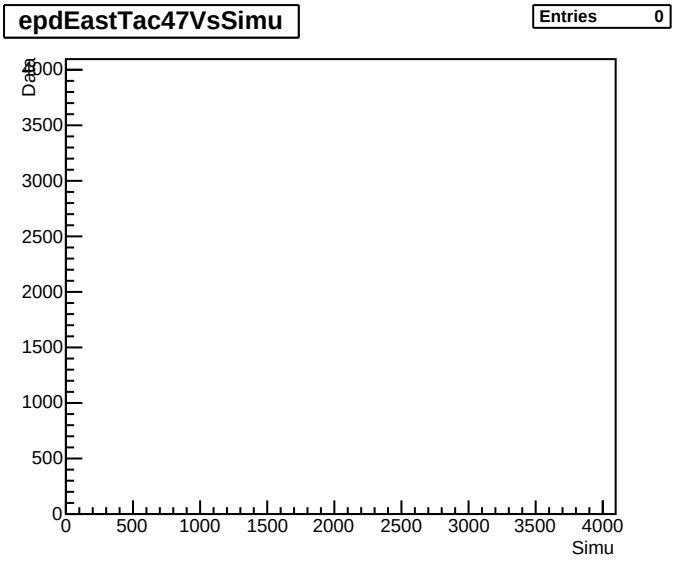
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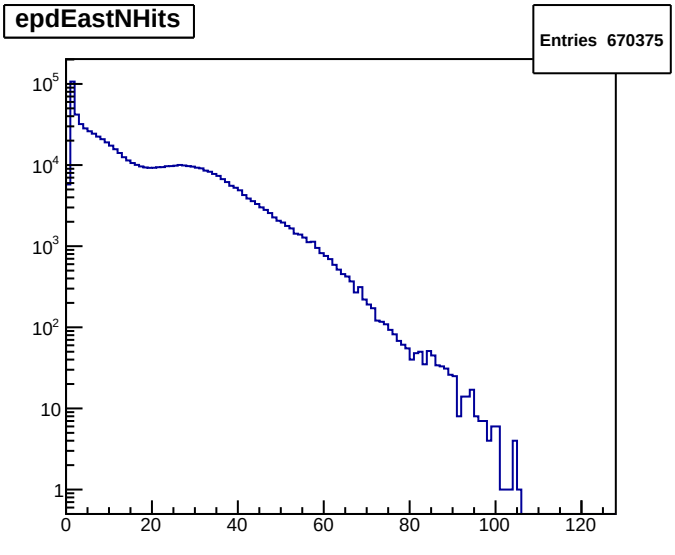
Entries 0
Data
Simu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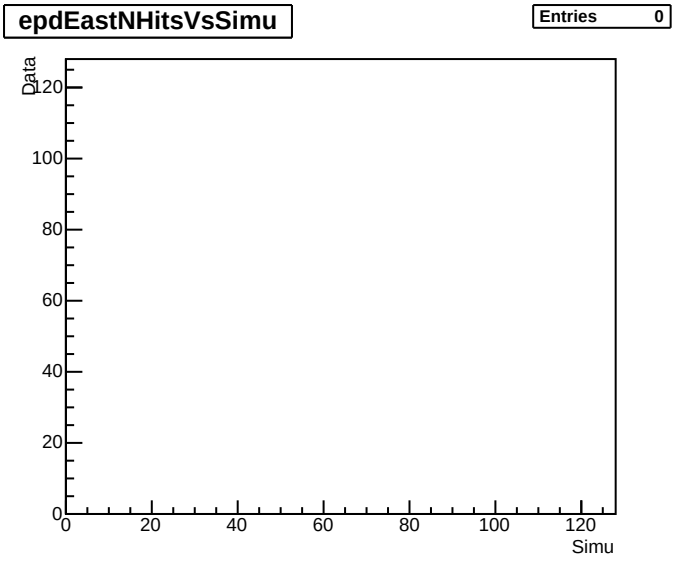
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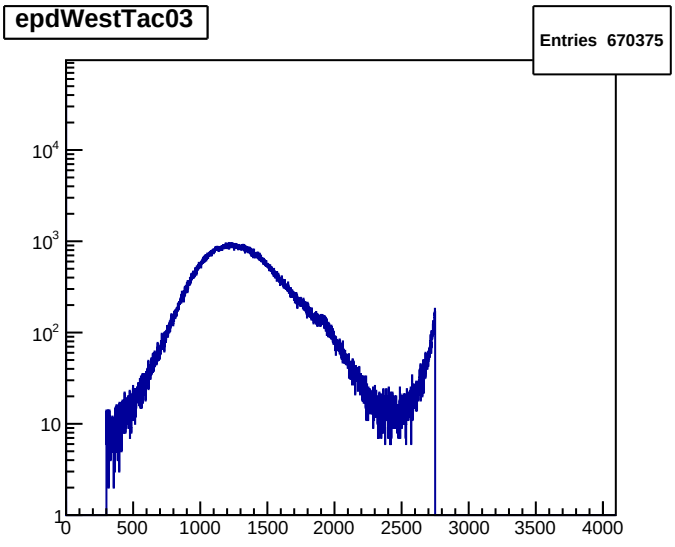
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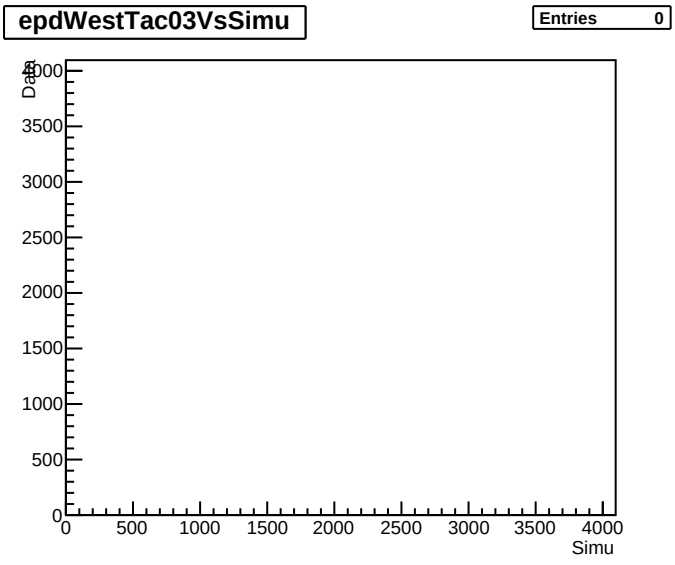
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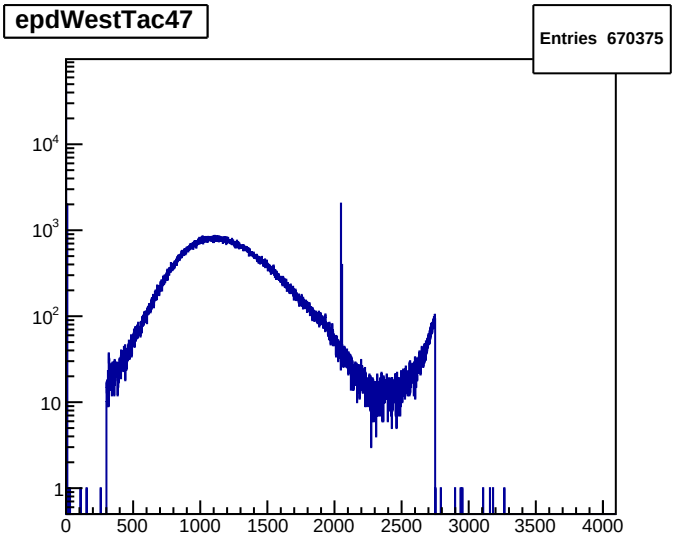
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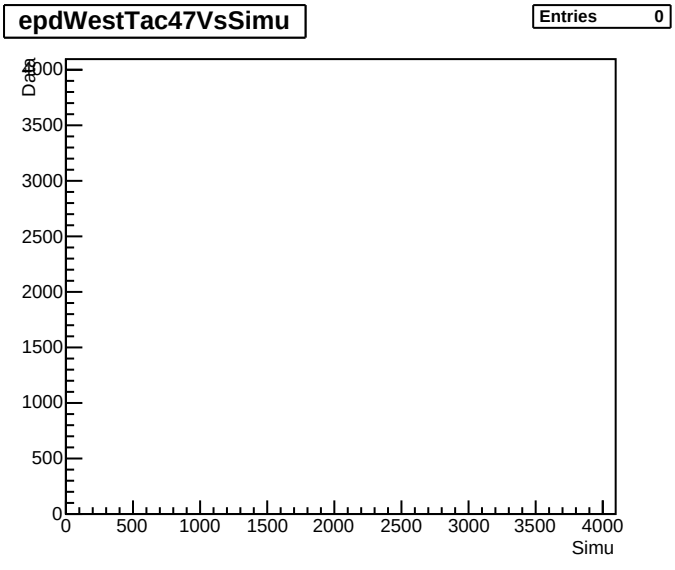
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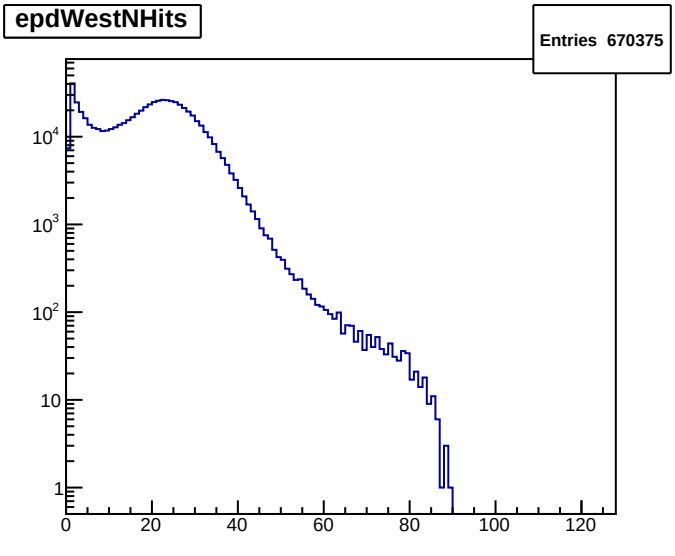
Data
Simu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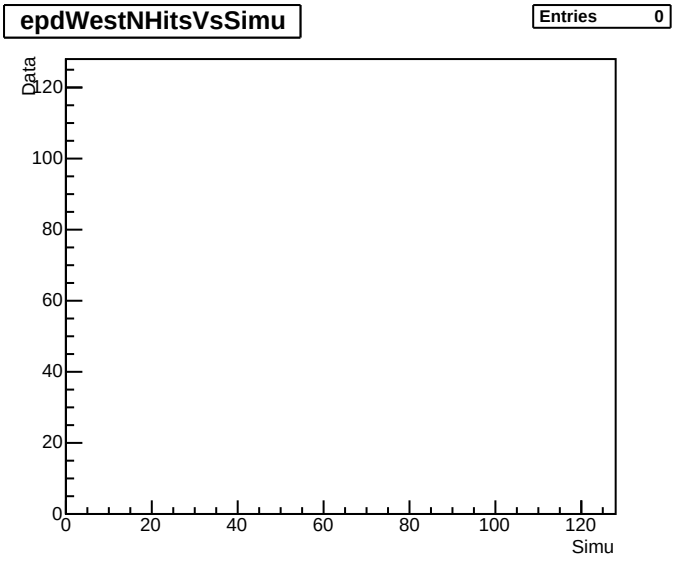
Entries 670375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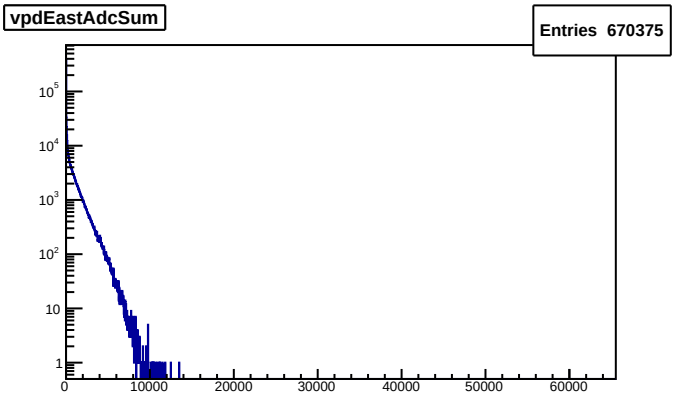
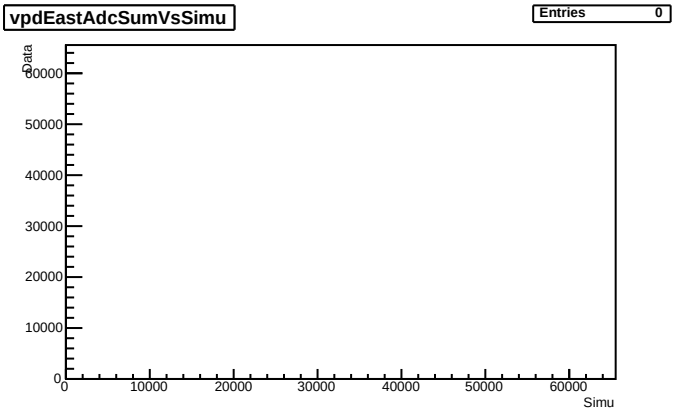
Entries 0
Data
Simu


vpdEastAdcSum
Entries 670375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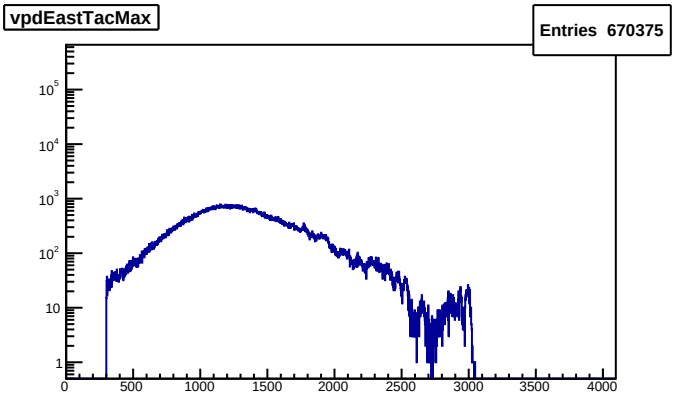
Entries 0
Data
Simu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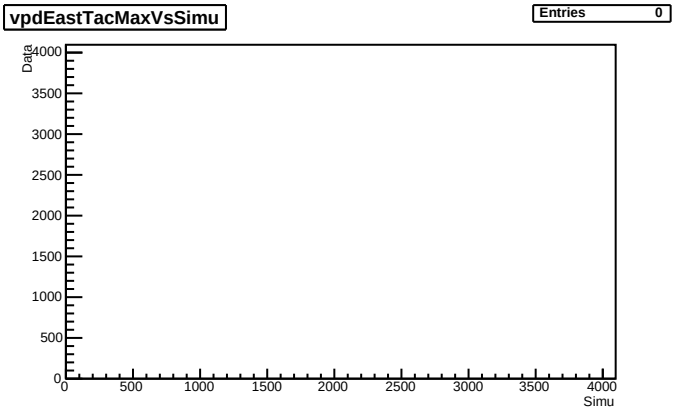
Entries 670375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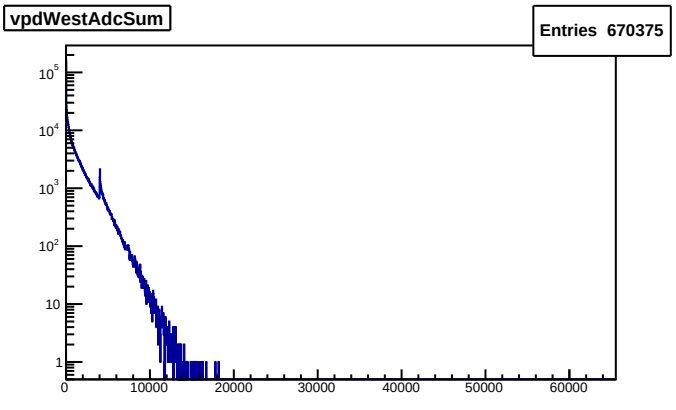
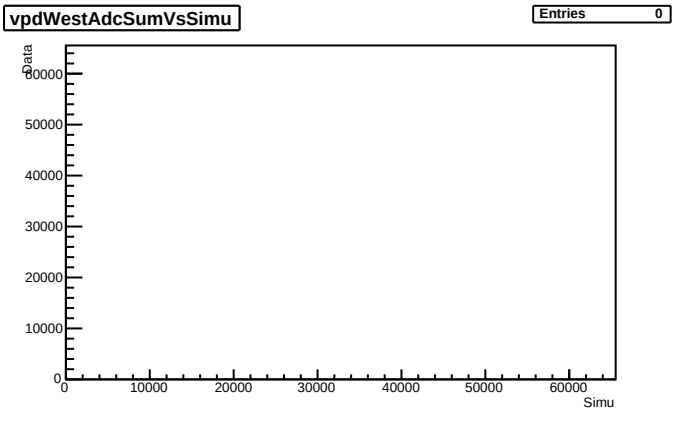
Entries 0
Data
Simu


vpdWestAdcSum
Entries 670375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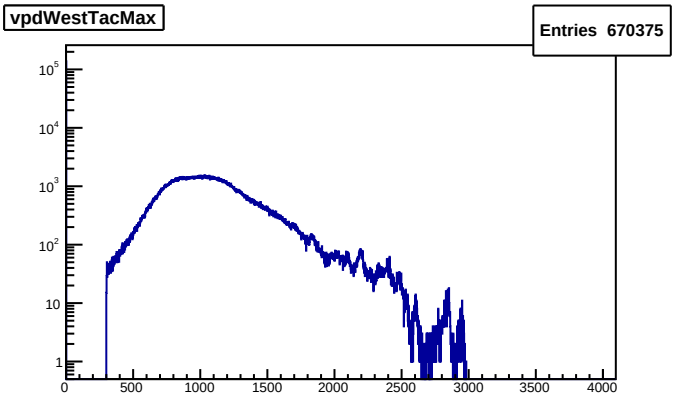
Entries 0
Data
Simu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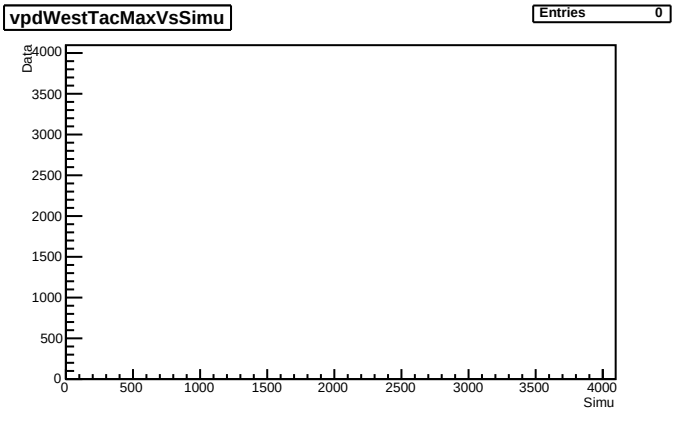
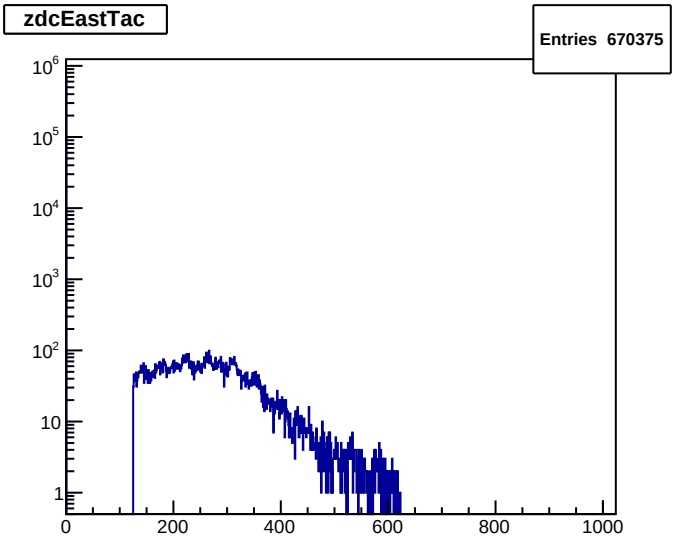
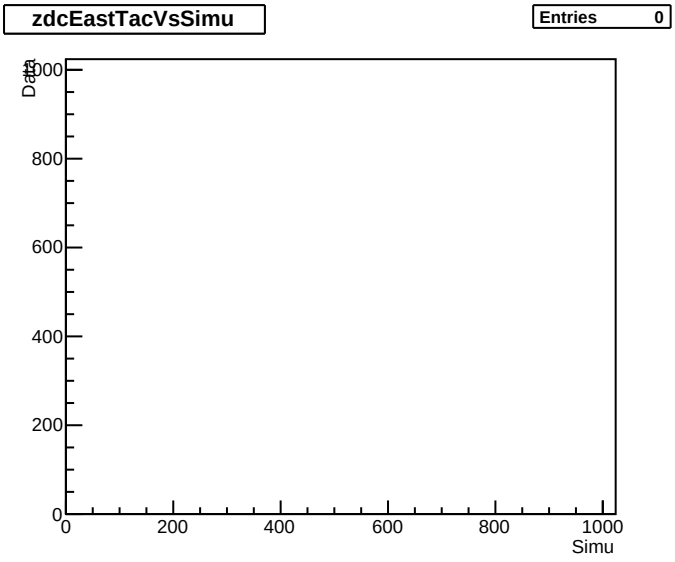
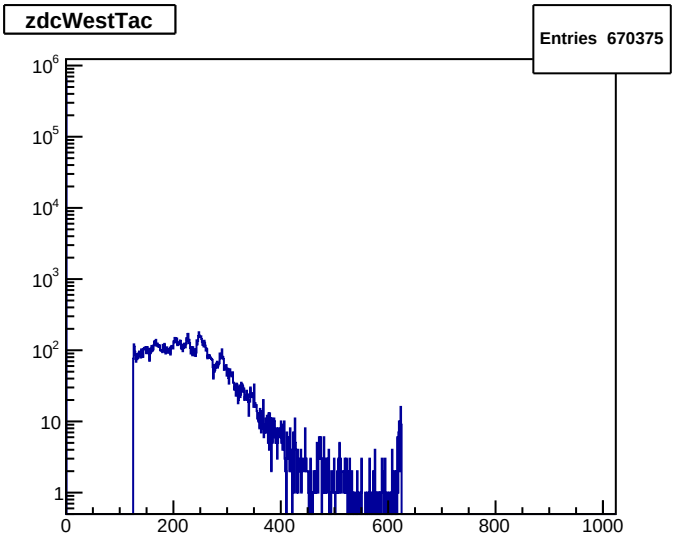
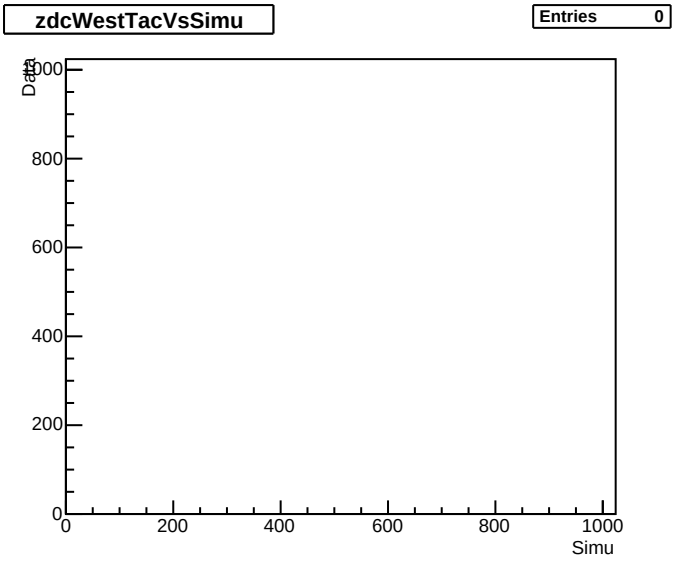
Entries 670375

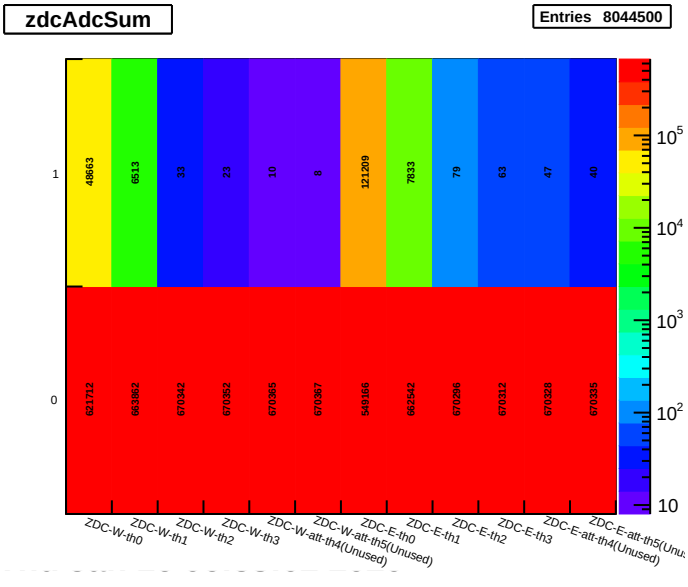

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 670375


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 670375


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 8044500
48663
6513
33
23
10
8
121209
7833
79
63
47
40
621712
663862
670342
670352
670365
670367
549166
662542
670296
670312
670328
670335
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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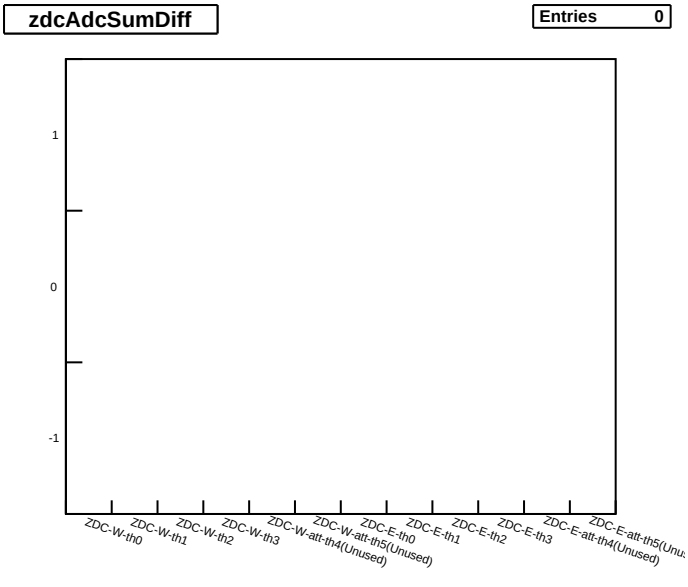
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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)
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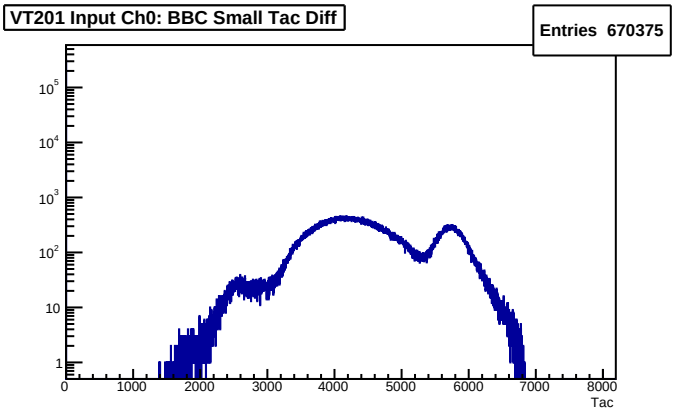
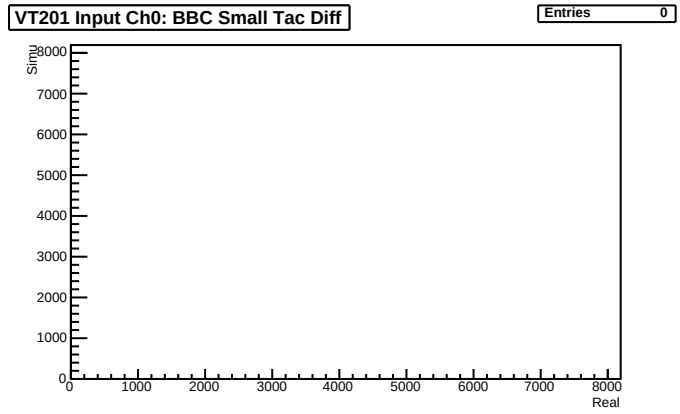
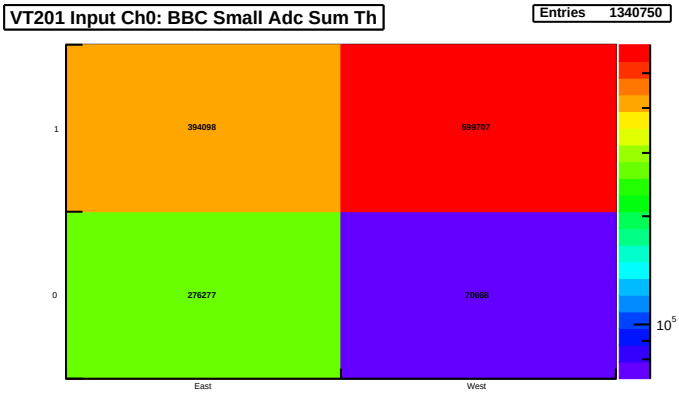
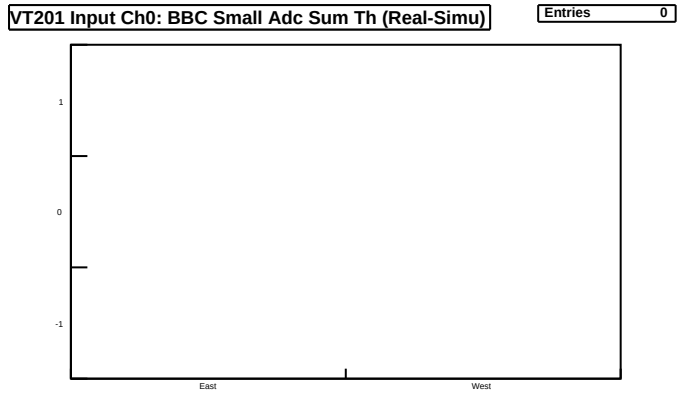
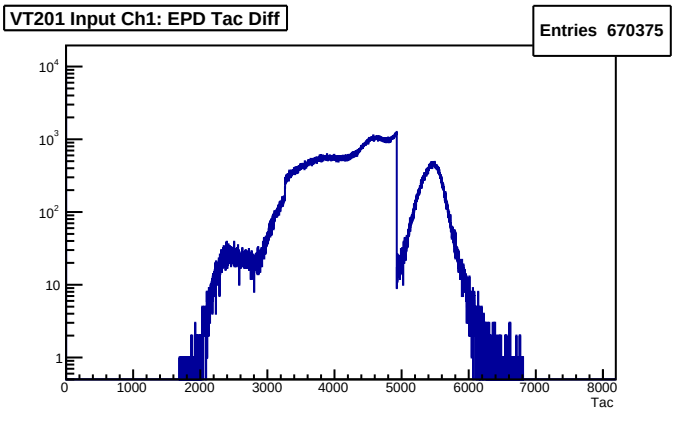
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

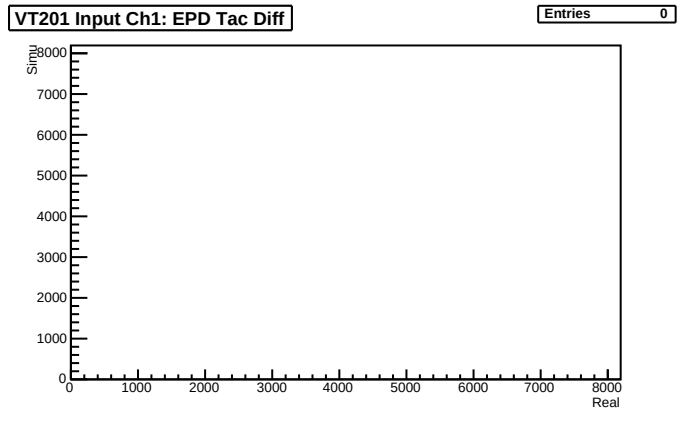

VT201 Input Ch0: BBC Small Tac Diff
Entries 670375
Tac

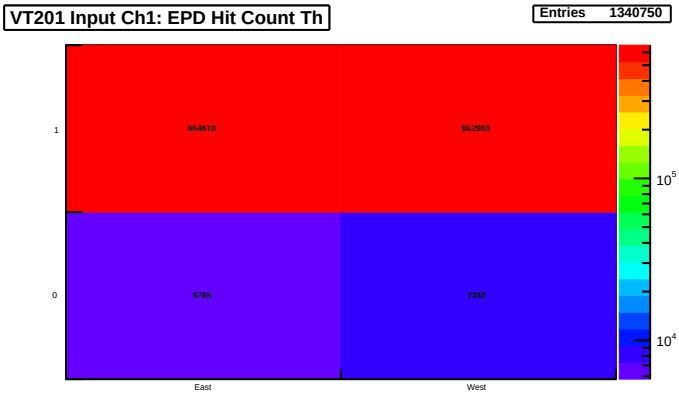

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

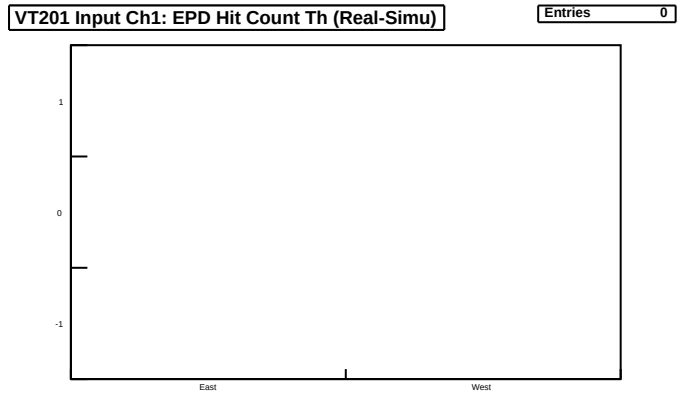

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1340750
394098
599707
276277
70668
East
West

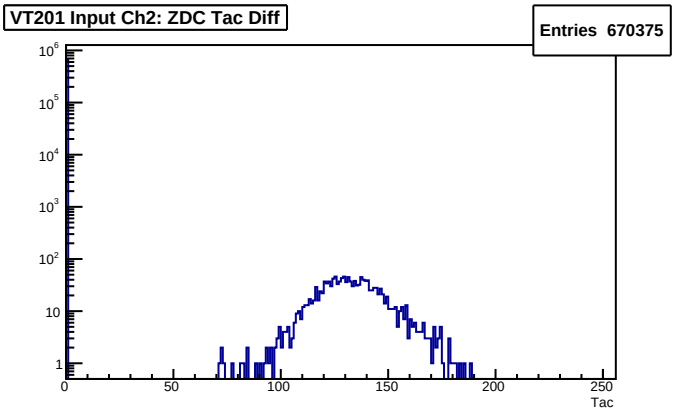

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

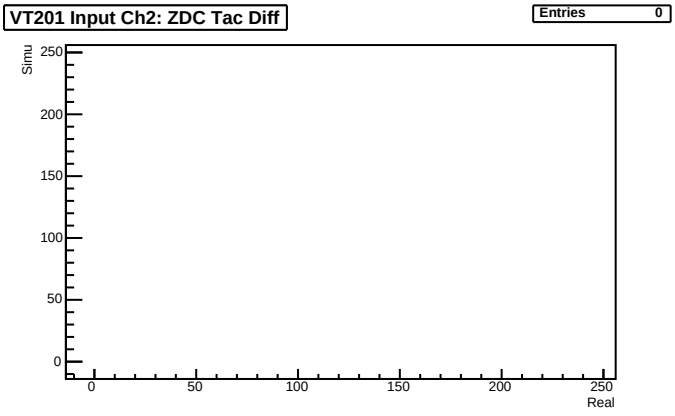

VT201 Input Ch1: EPD Tac Diff
Entries 670375
Tac

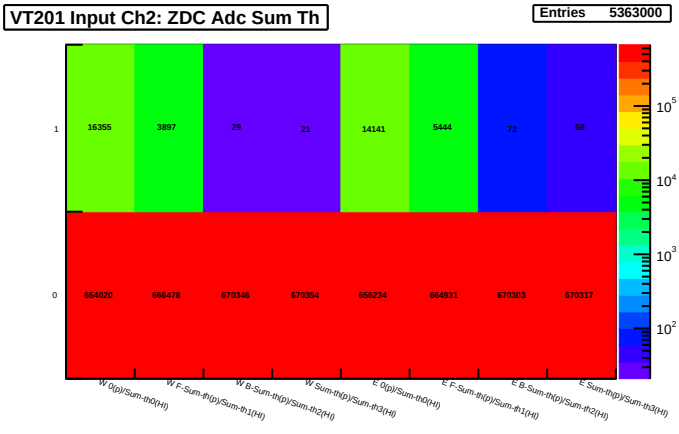

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

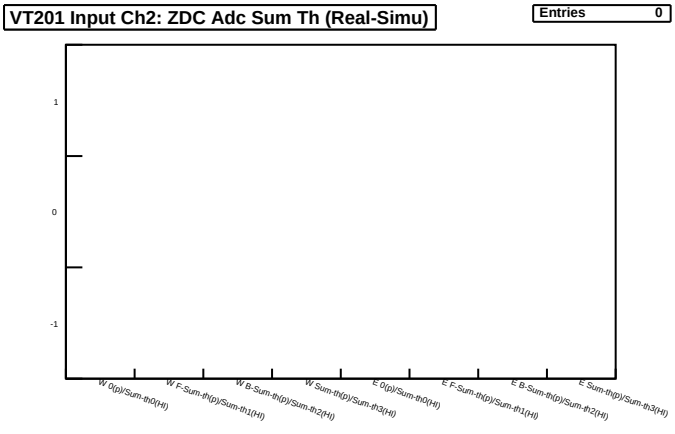

VT201 Input Ch1: EPD Hit Count Th
Entries 1340750
664610
662983
5765
7392
East
West

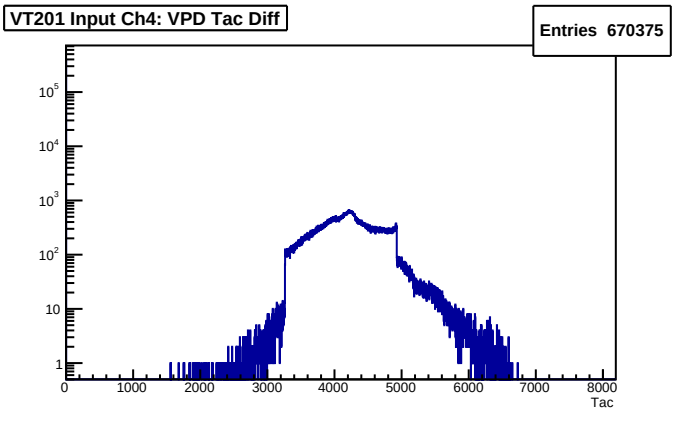

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

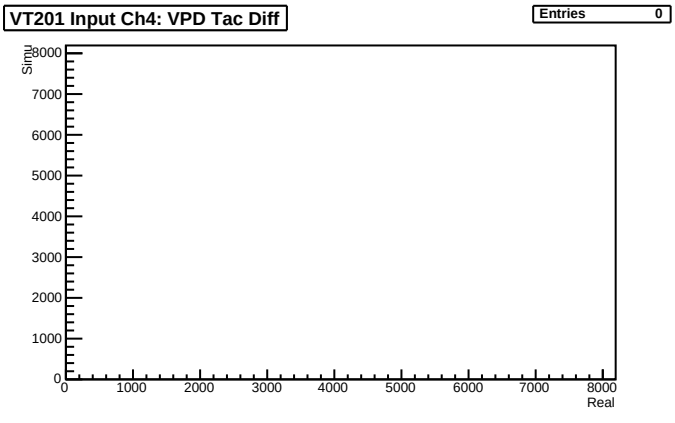

VT201 Input Ch2: ZDC Tac Diff
Entries 670375
Tac

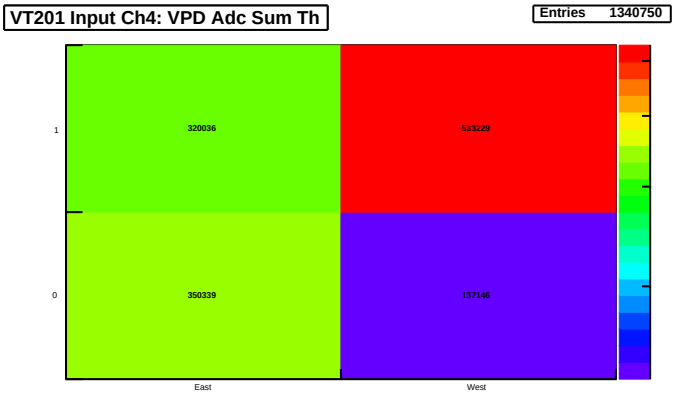

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

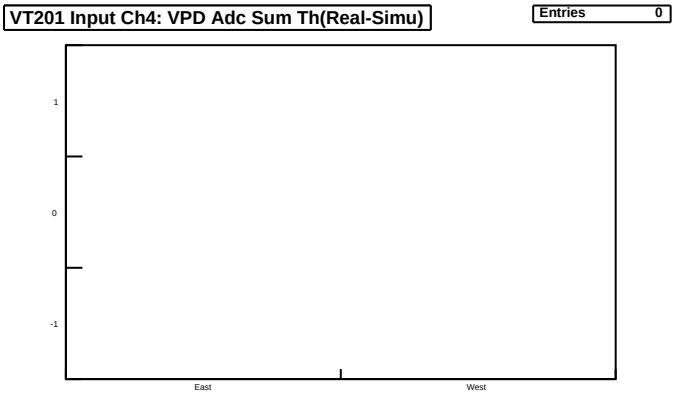

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5363000
16355
3897
29
21
14141
5444
72
58
654020
666478
670346
670354
656234
664931
670303
670317
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

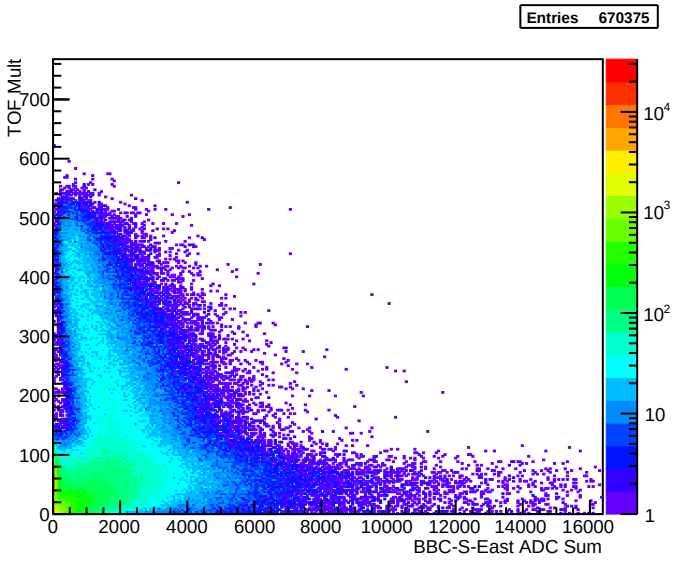

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

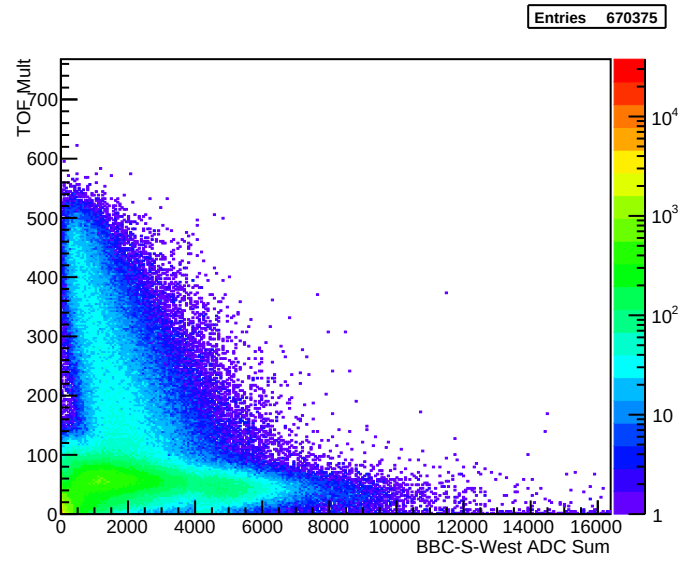

VT201 Input Ch4: VPD Tac Diff
Entries 670375
Tac

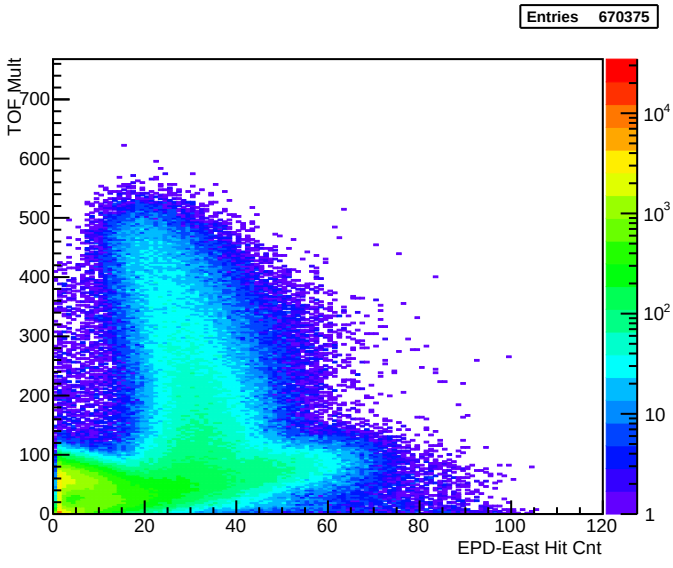

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

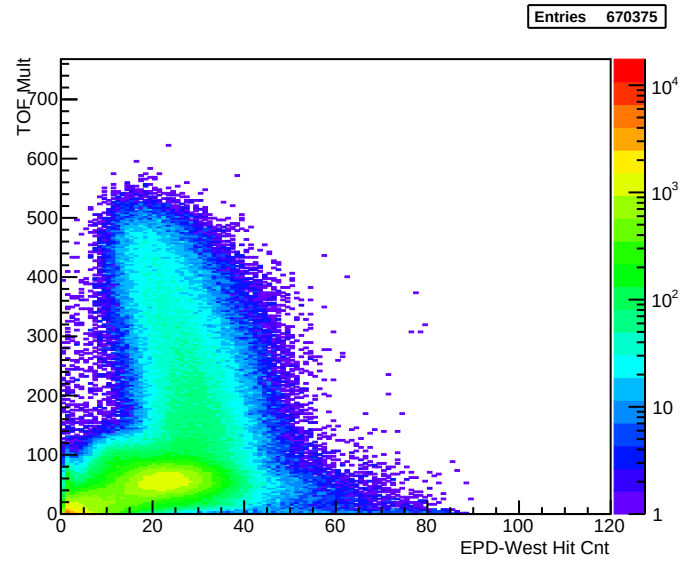

VT201 Input Ch4: VPD Adc Sum Th
Entries 1340750
320036
533229
350339
137146
East
West

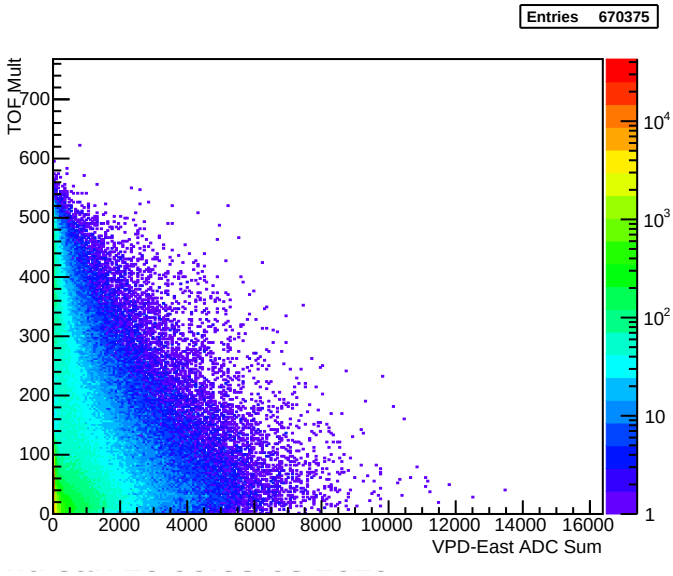

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

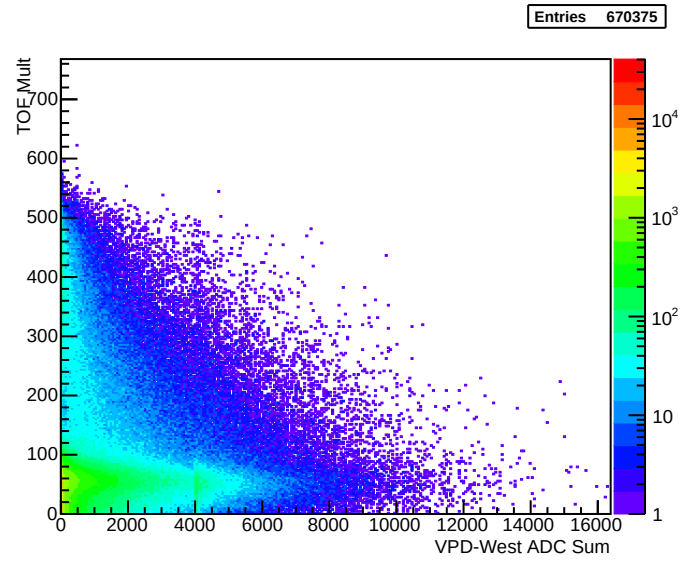

Entries 670375
TOF_Mult
BBC-S-East ADC Sum

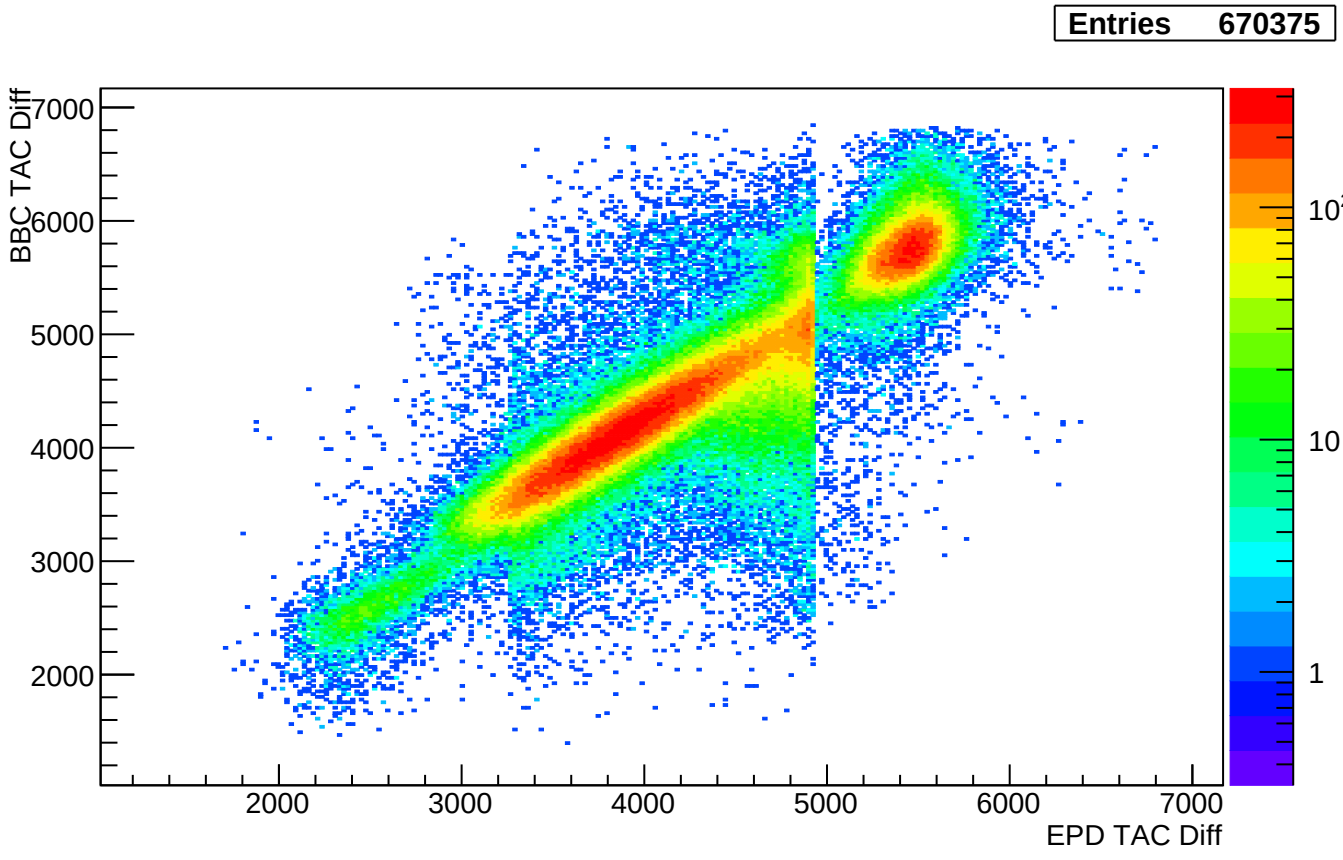

Entries 670375
TOF_Mult
BBC-S-West ADC Sum

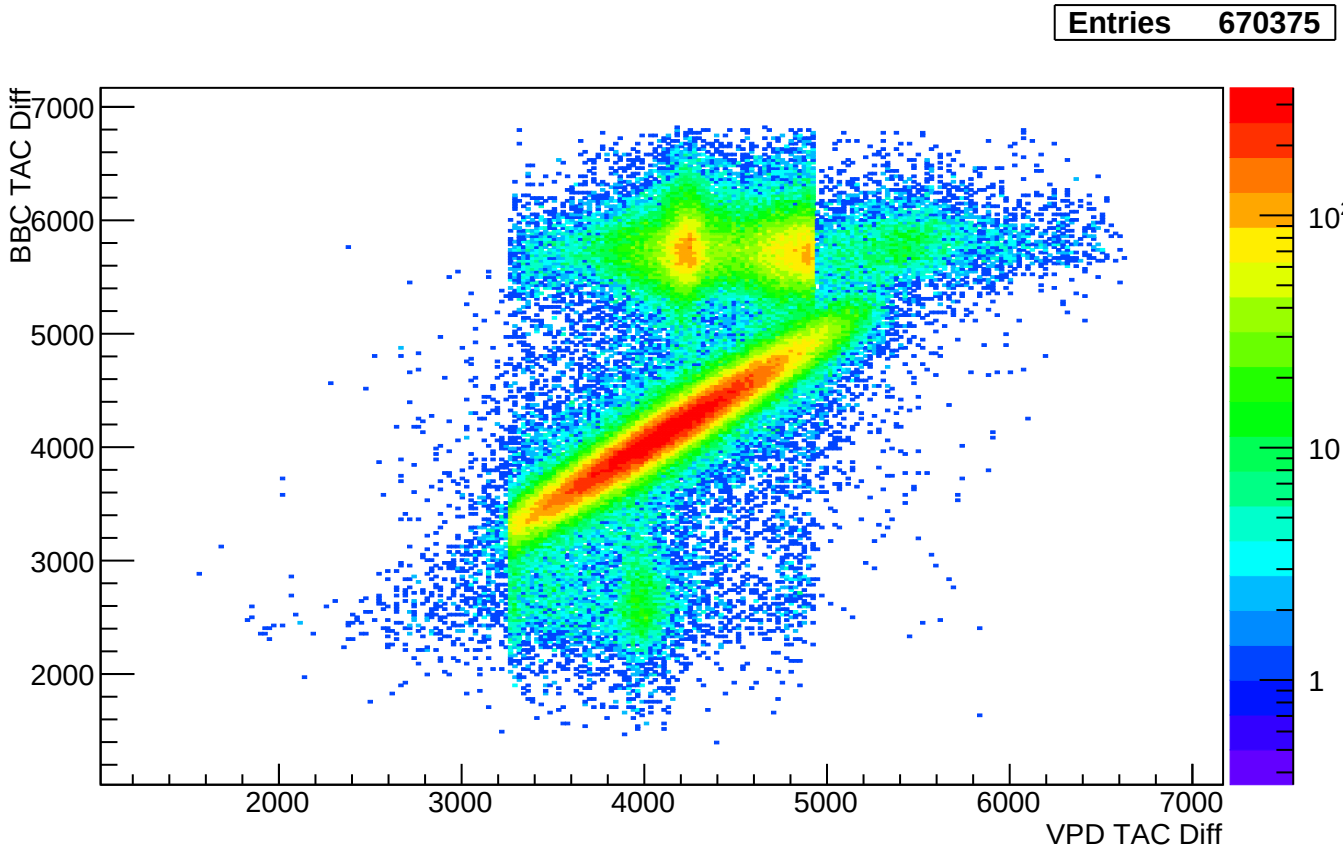

Entries 670375
TOF_Mult
EPD-East Hit Cnt

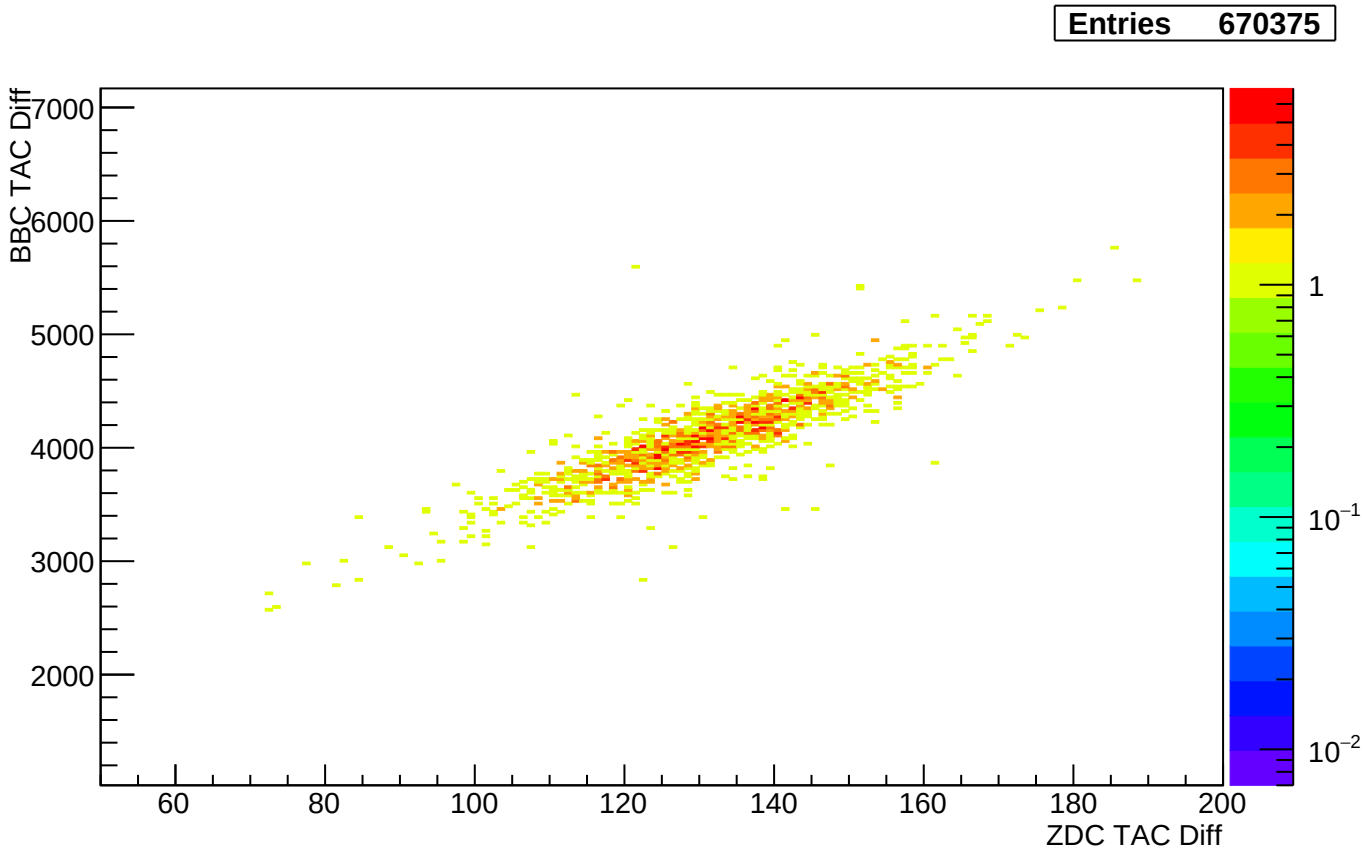

Entries 670375
TOF_Mult
EPD-West Hit Cnt

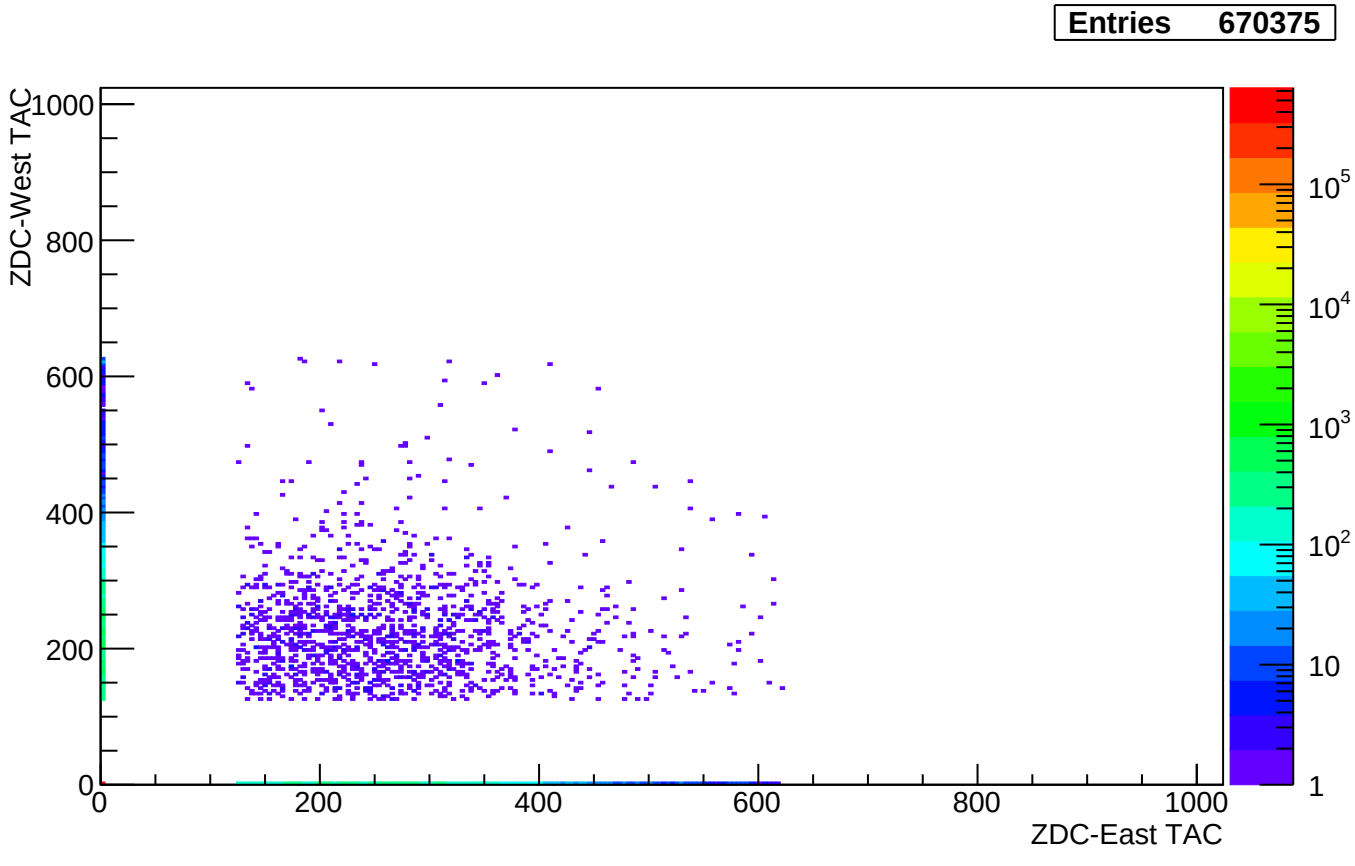

Entries 670375
TOF_Mult
VPD-East ADC Sum

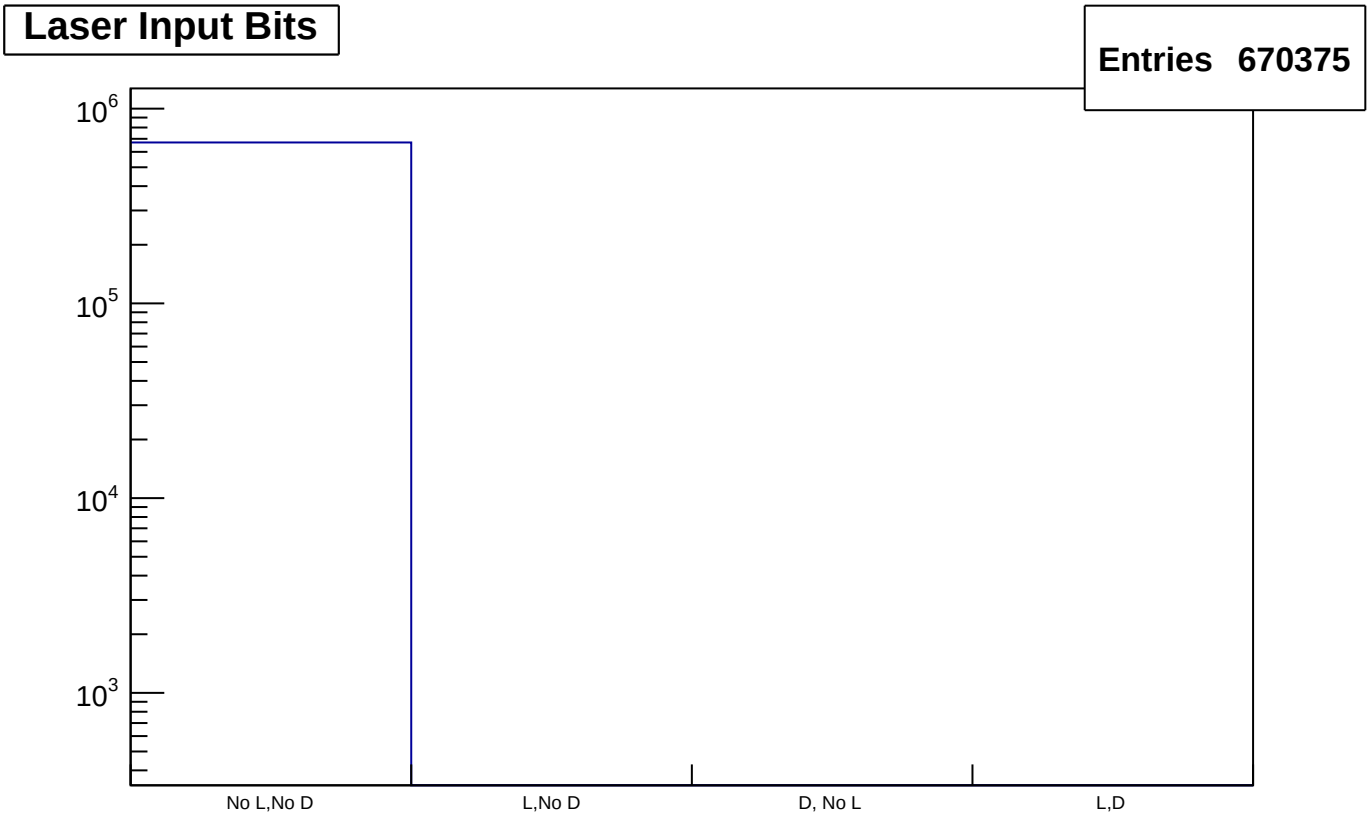

Entries 670375
TOF_Mult
VPD-West ADC Sum

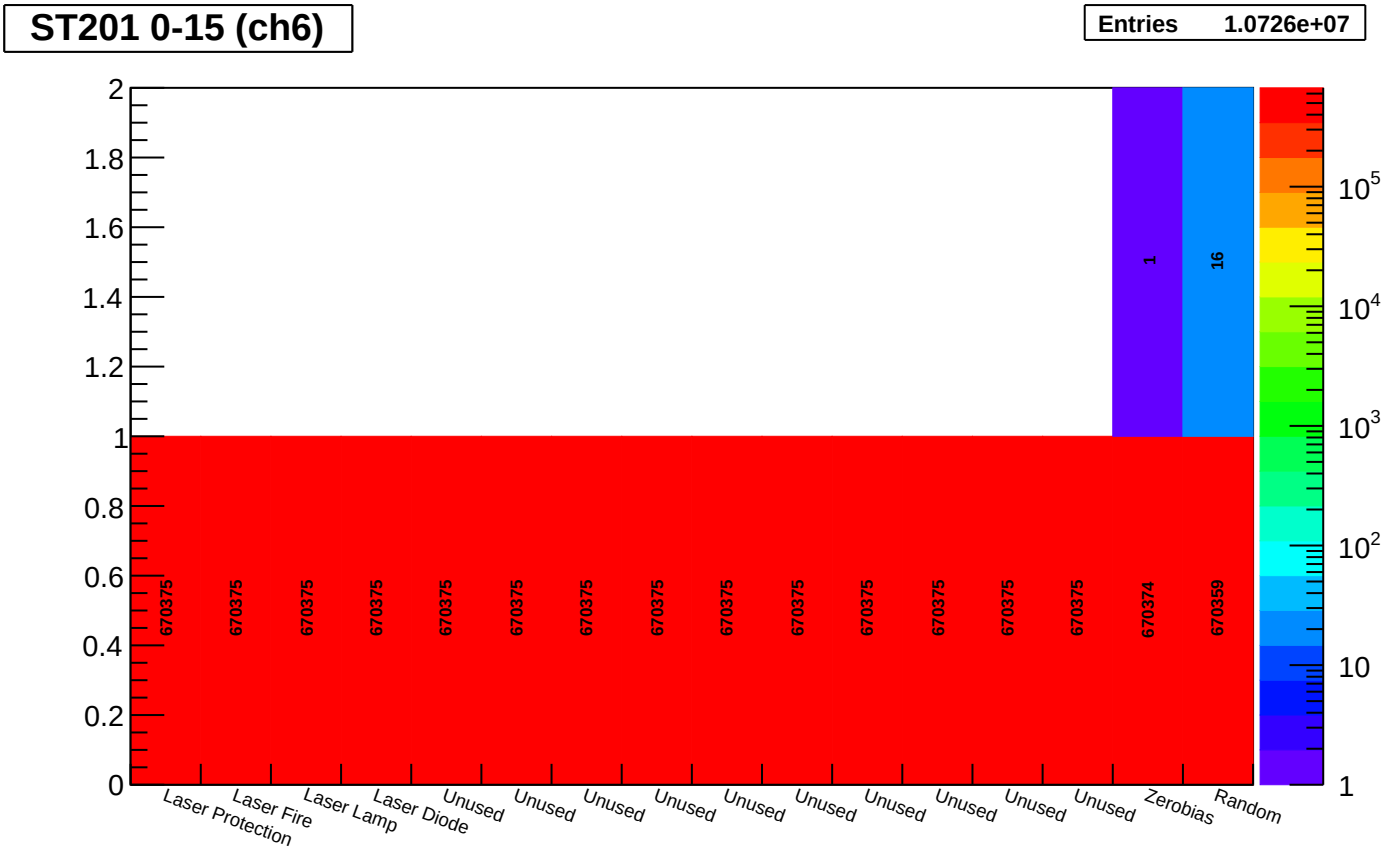

Entries 670375
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
$10^2$
10
1

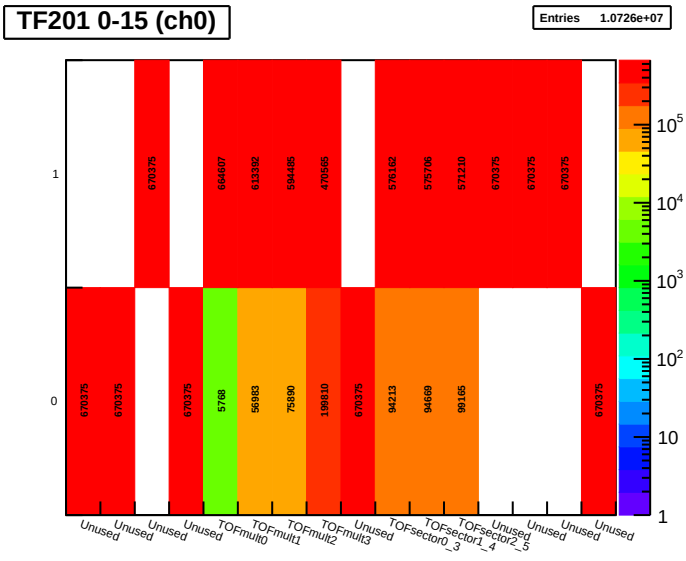

Entries 670375
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
$10^2$
10
1

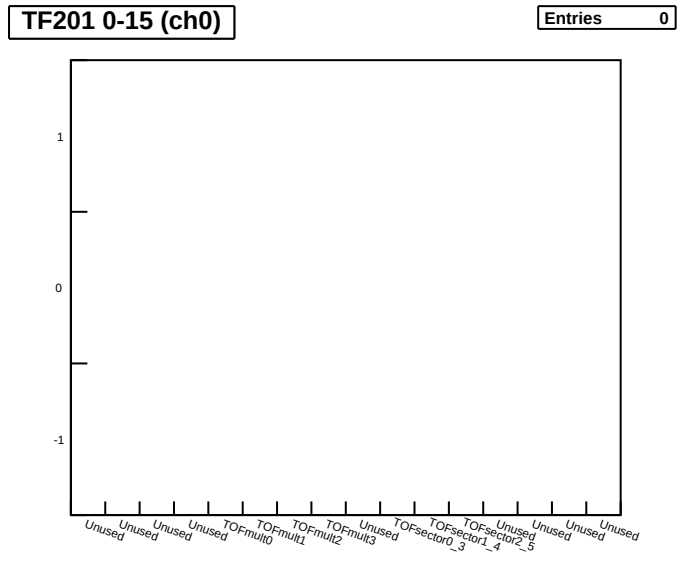

Entries 670375
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
$10^{-1}$
$10^{-2}$

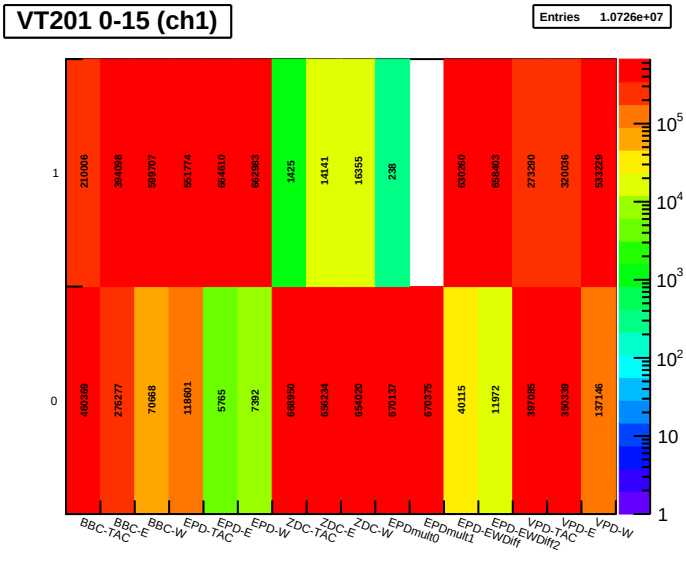

Entries 670375
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

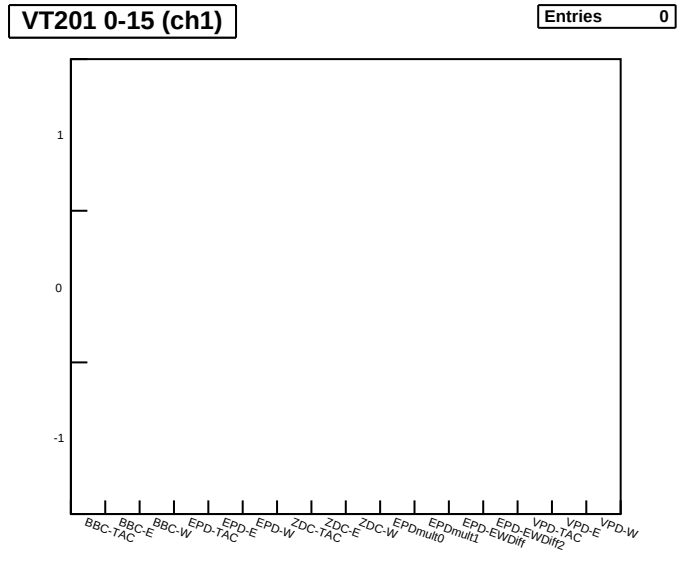

Laser Input Bits
Entries 670375
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

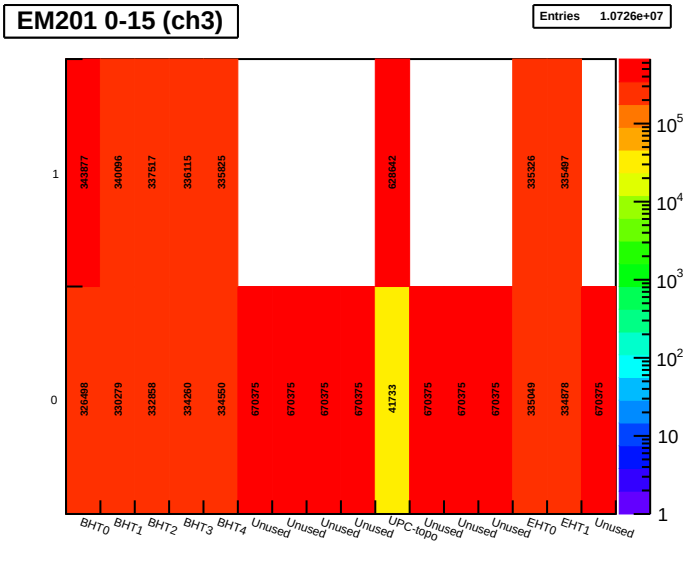

ST201 0-15 (ch6)
Entries 1.0726e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
670375
670375
670375
670375
670375
670375
670375
670375
670375
670375
670375
670375
670375
670374
670359
1
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

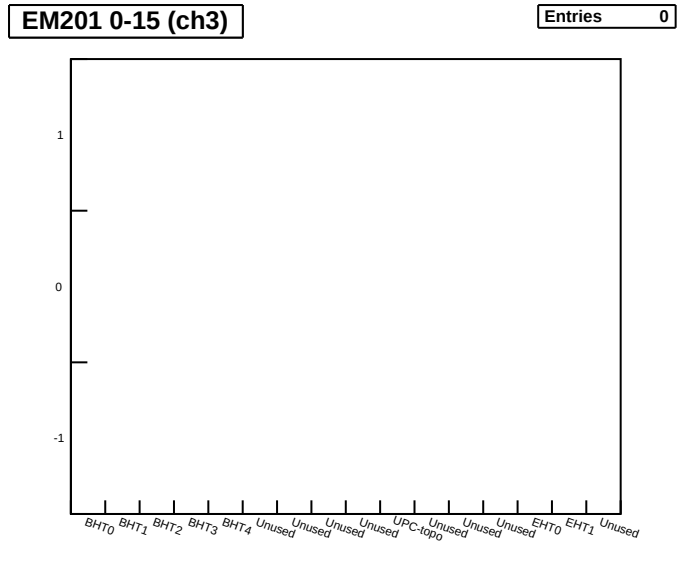

TF201 0-15 (ch0)
Entries 1.0726e+07
1
0
670375
664607
613392
594485
470565
576162
575706
571210
670375
670375
670375
670375
670375
670375
5768
56983
75890
199810
94213
94669
99165
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
$10^5$
$10^4$
$10^3$
$10^2$
10
1


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 1.0726e+07
1
0
210066
394088
599707
551774
664610
662983
1425
14141
16355
238
630260
658403
273290
320036
533229
460369
276277
70668
118601
5765
7392
660950
656234
654020
670137
670375
40115
11972
397085
350339
137146
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 1.0726e+07
1
0
343877
340096
337517
336115
335825
628642
335326
335497
326498
330279
332858
334260
334550
670375
670375
670375
670375
41733
670375
670375
670375
335049
334678
670375
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