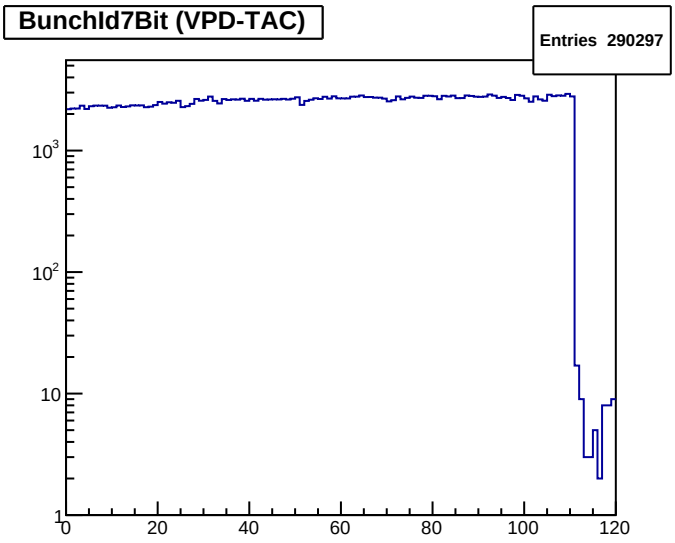
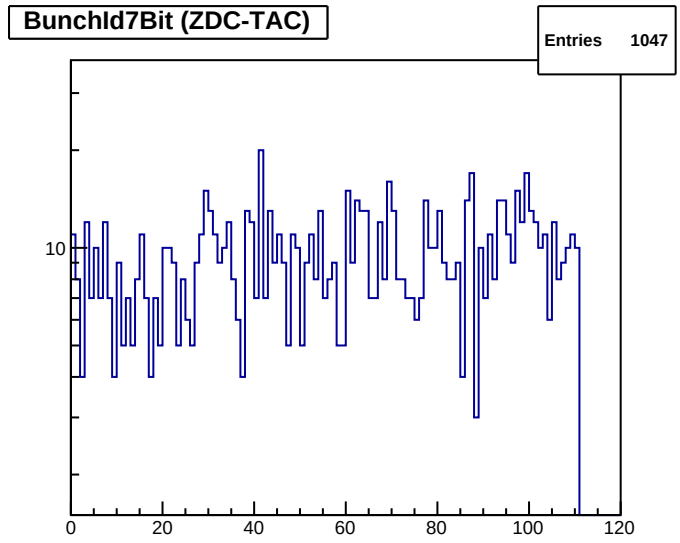
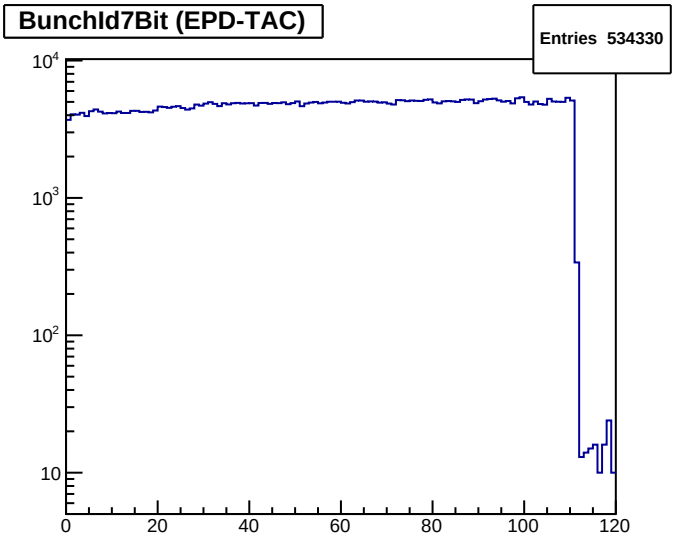
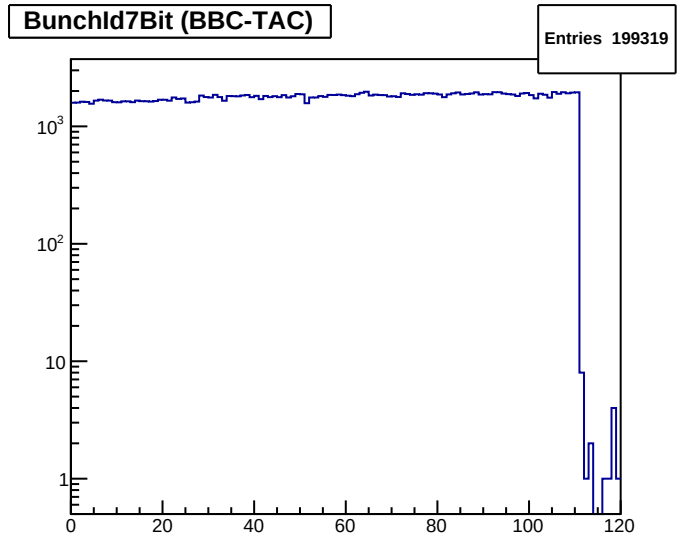
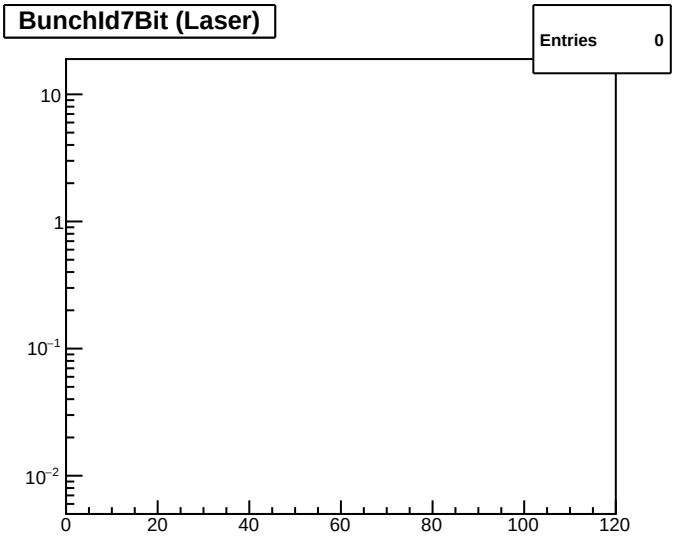
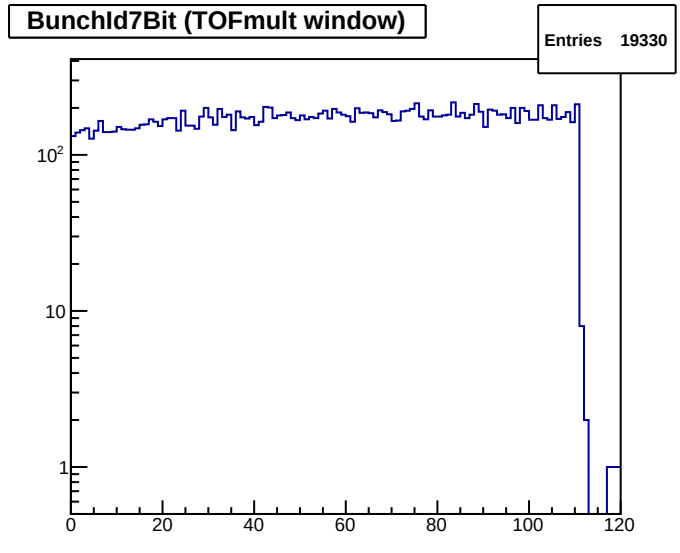

BunchId7Bit (VPD-TAC)
Entries 290297

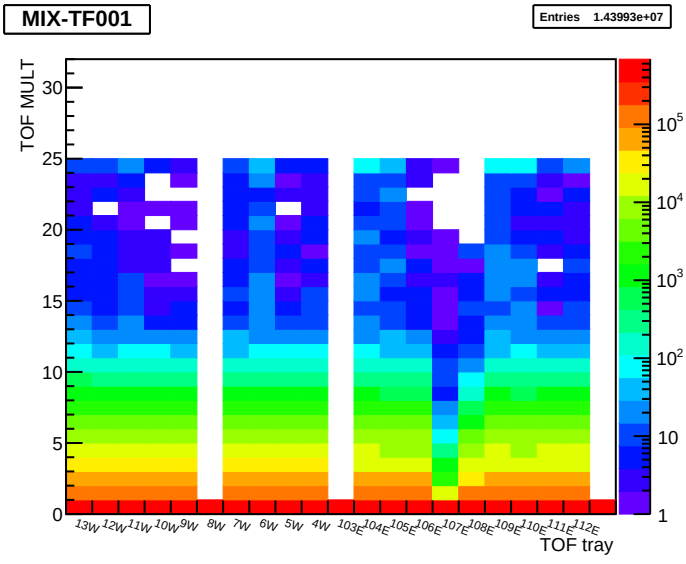

BunchId7Bit (ZDC-TAC)
Entries 1047

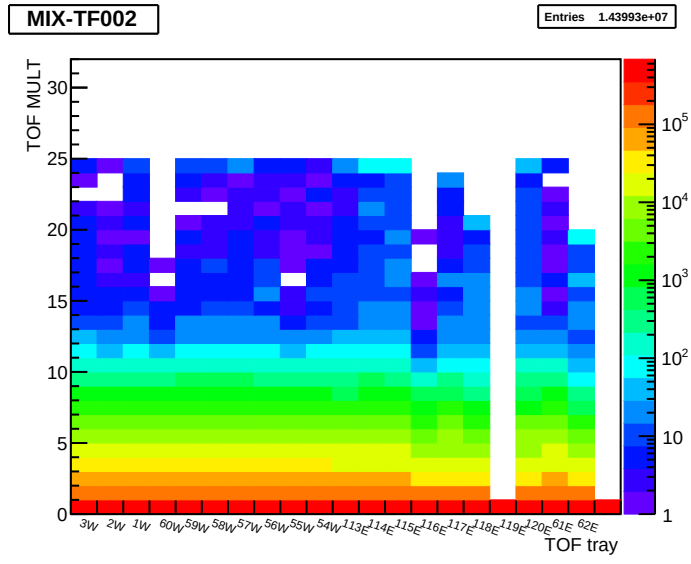

BunchId7Bit (EPD-TAC)
Entries 534330

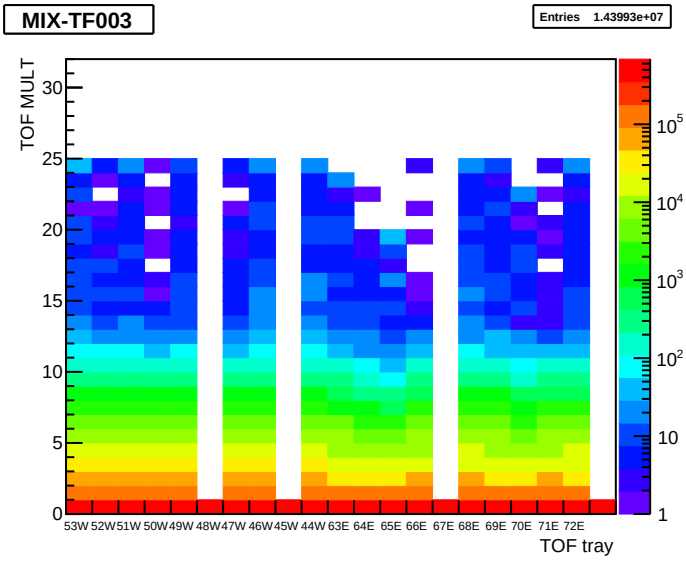

BunchId7Bit (BBC-TAC)
Entries 199319

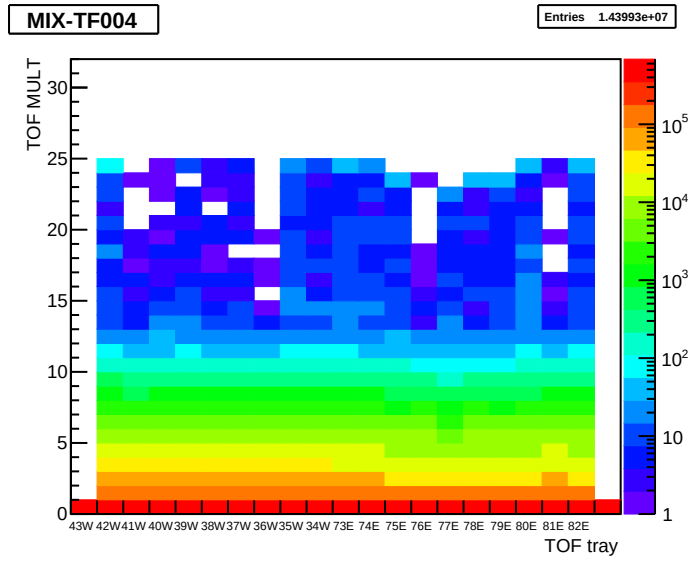

BunchId7Bit (Laser)
Entries 0

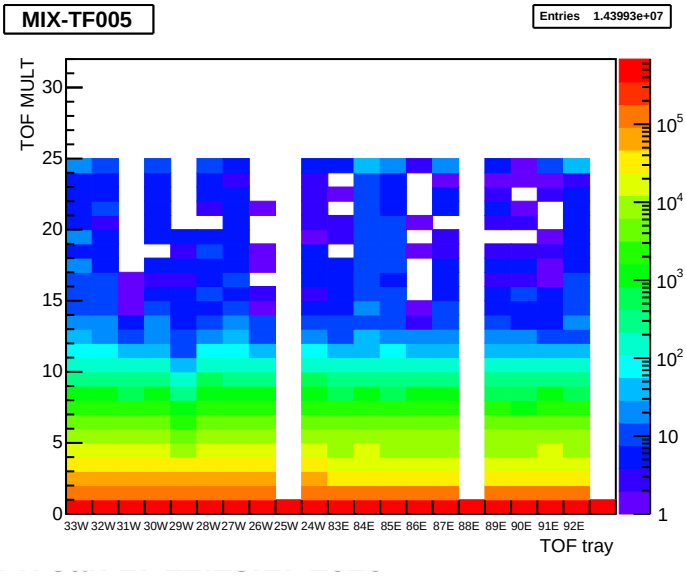

BunchId7Bit (TOFmult window)
Entries 19330

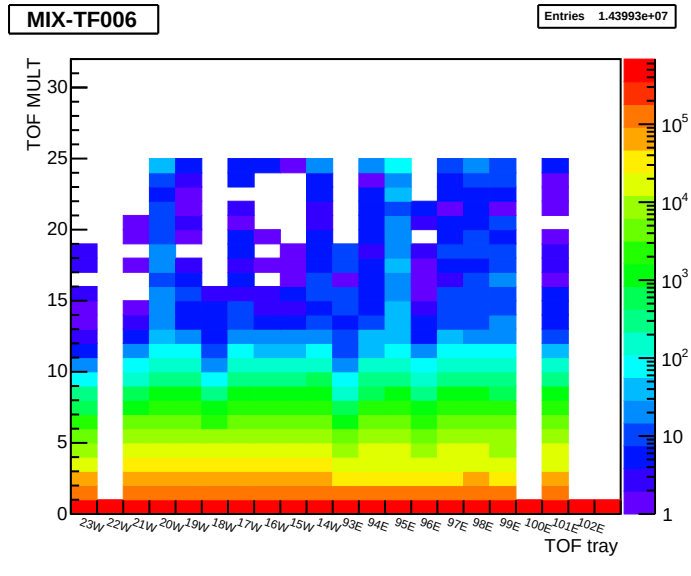

MIX-TF001
Entries 1.43993e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

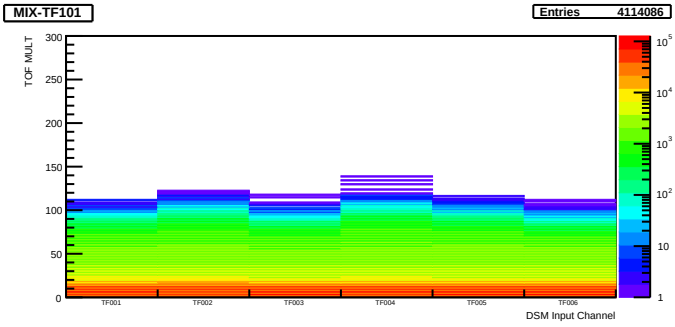

MIX-TF002
Entries 1.43993e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

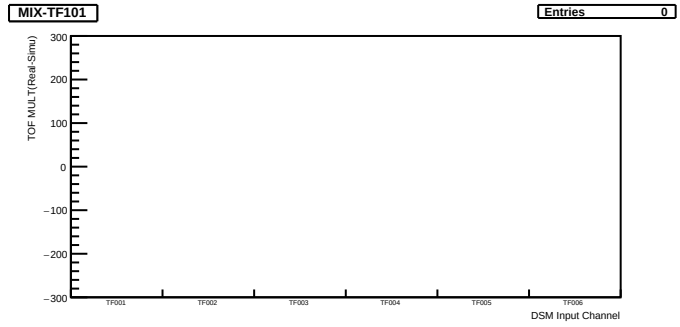

MIX-TF003
Entries 1.43993e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

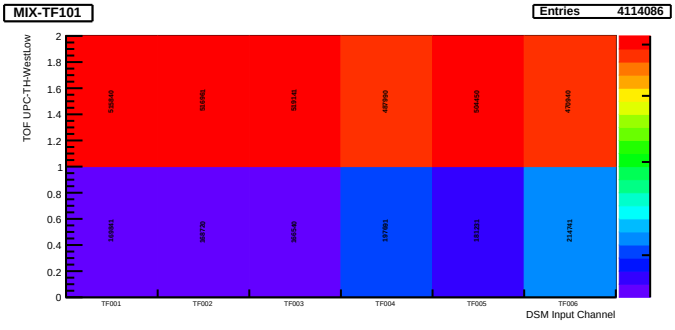

MIX-TF004
Entries 1.43993e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

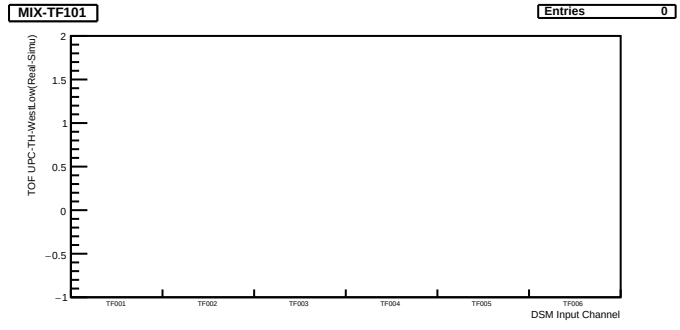

MIX-TF005
Entries 1.43993e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

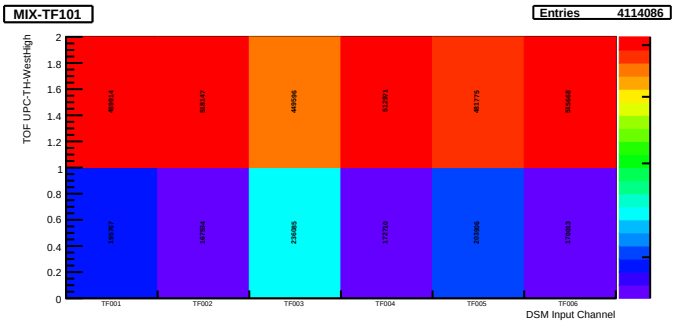

MIX-TF006
Entries 1.43993e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

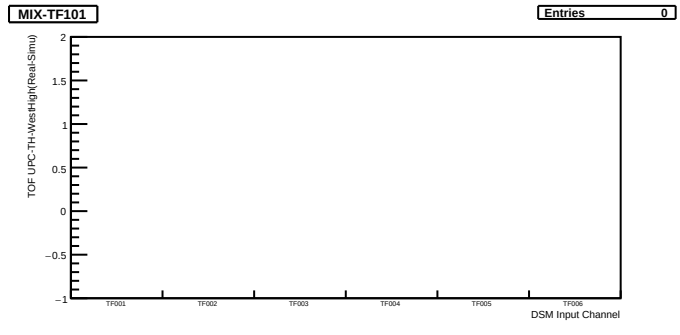

MIX-TF101
Entries 4114086
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

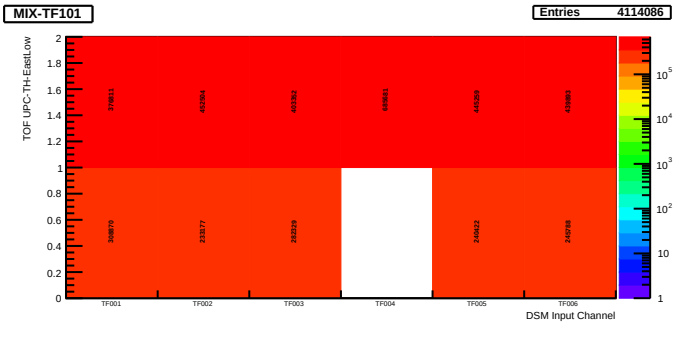

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

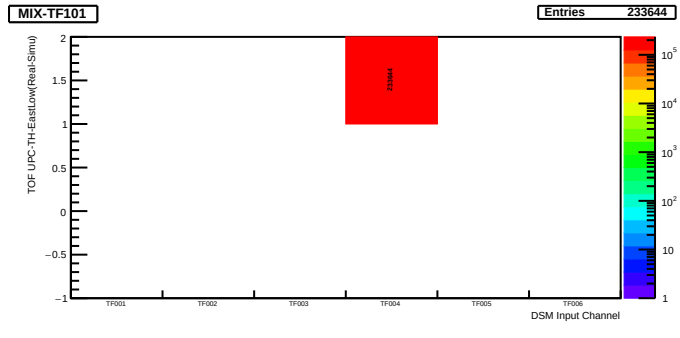

MIX-TF101
Entries 4114086
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

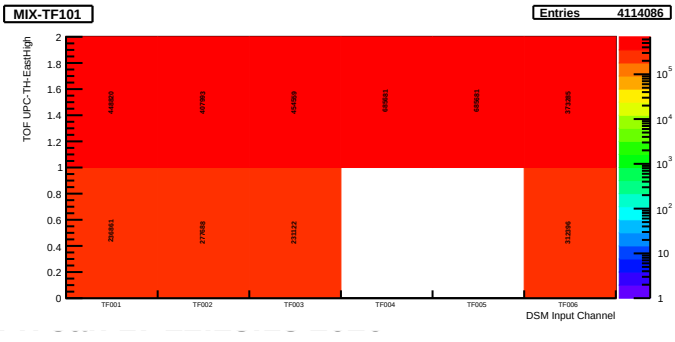

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

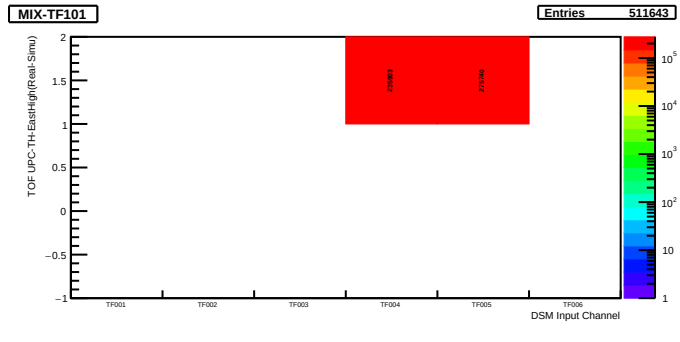

MIX-TF101
Entries 4114086
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

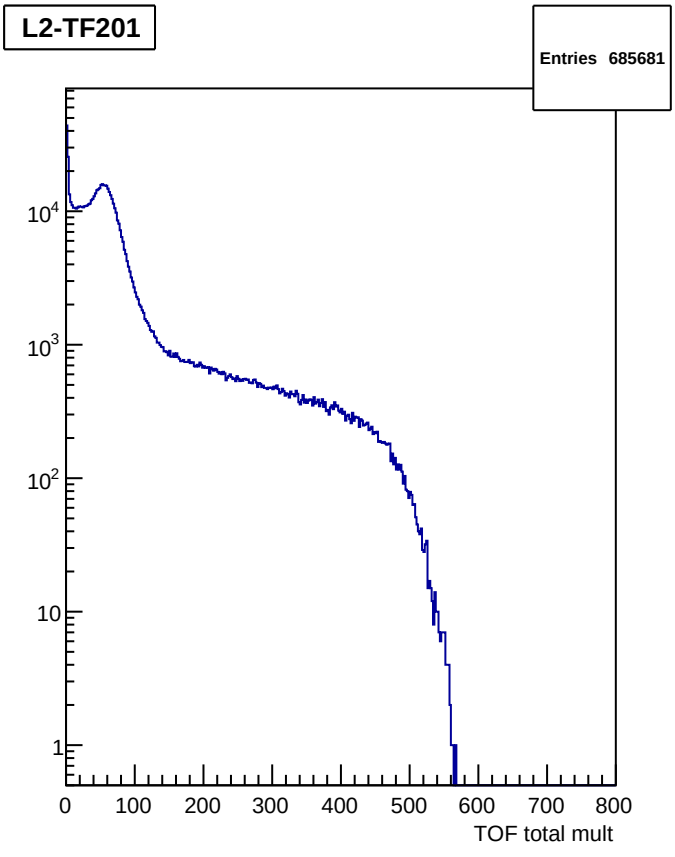

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

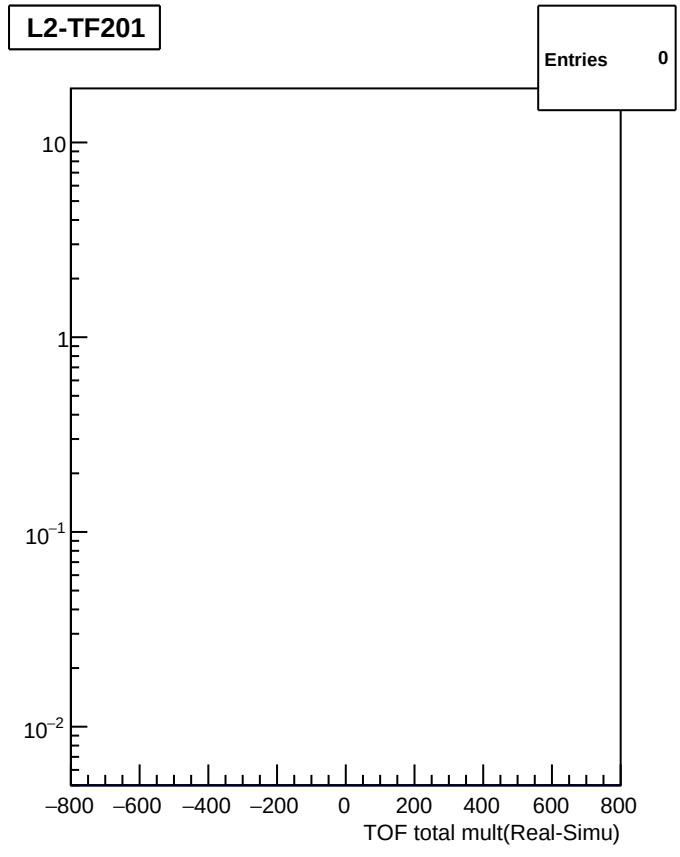

MIX-TF101
Entries 4114086
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

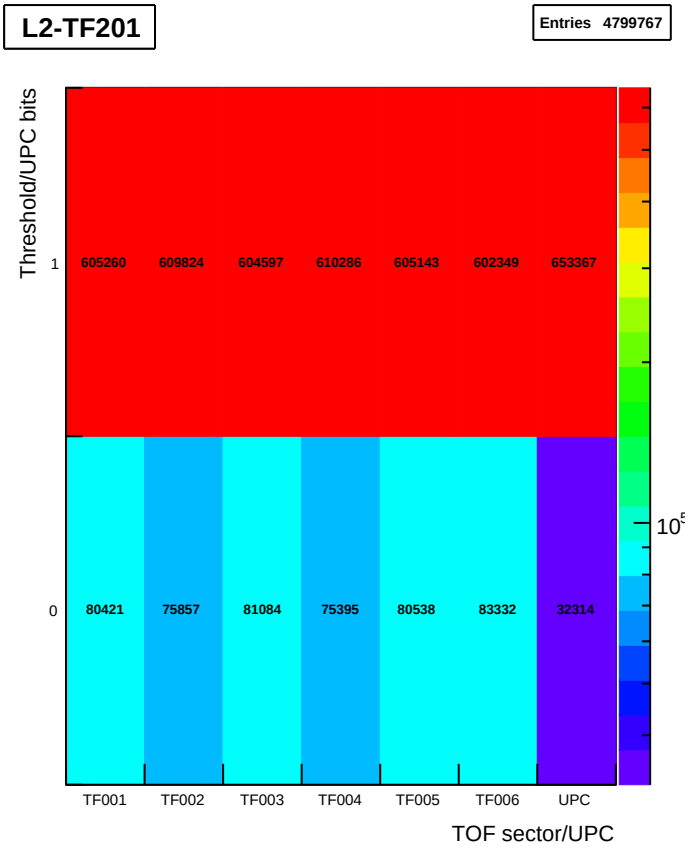

MIX-TF101
Entries 233644
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

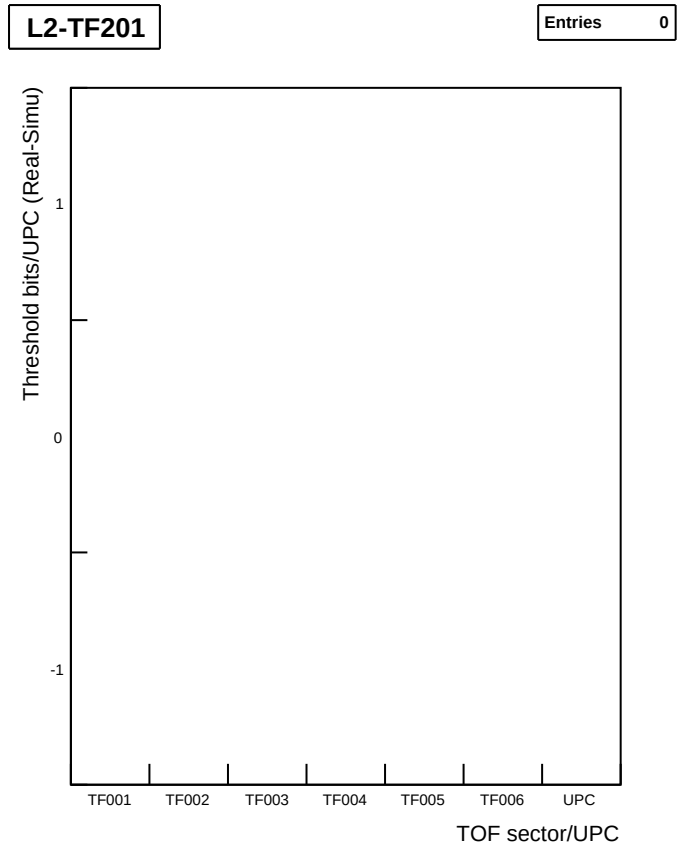

MIX-TF101
Entries 4114086
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

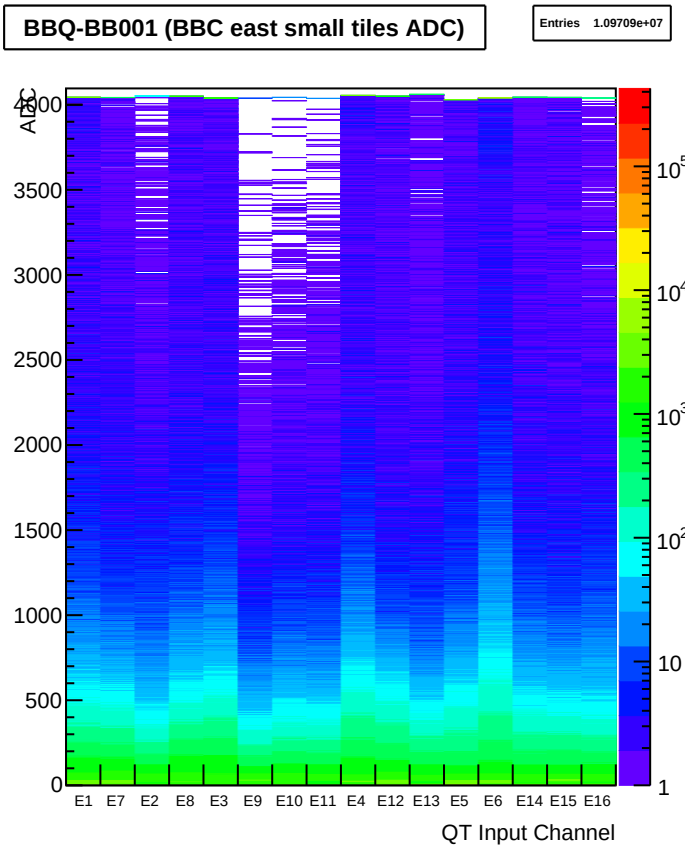

MIX-TF101
Entries 511643
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

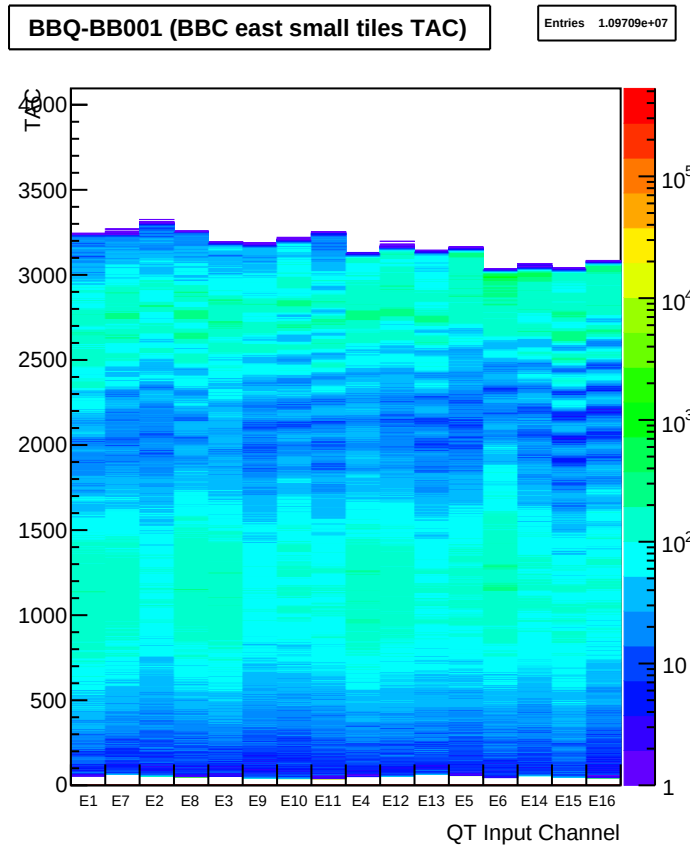

L2-TF201
Entries 685681
TOF total mult

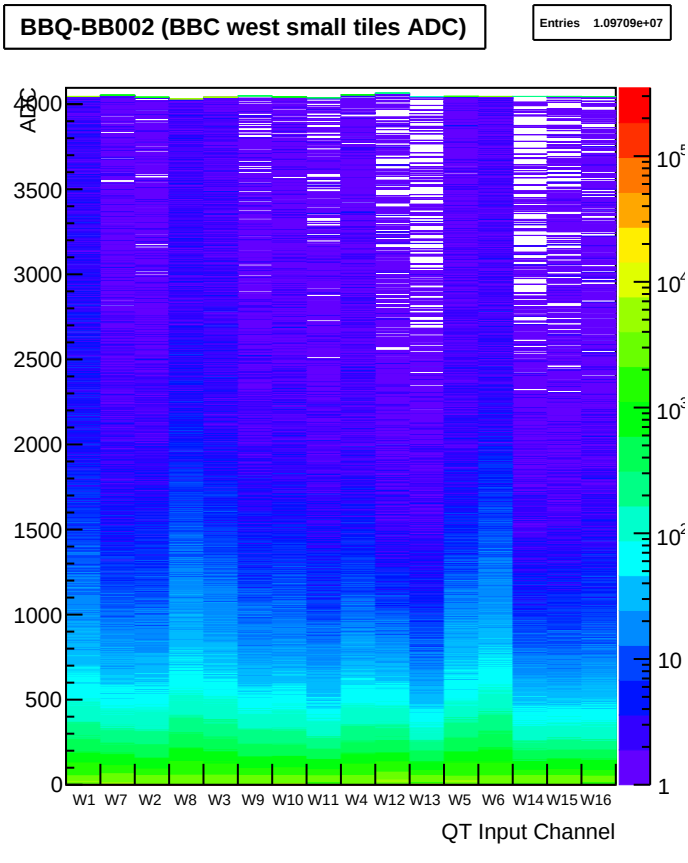

L2-TF201
Entries 0
TOF total mult(Real-Simu)

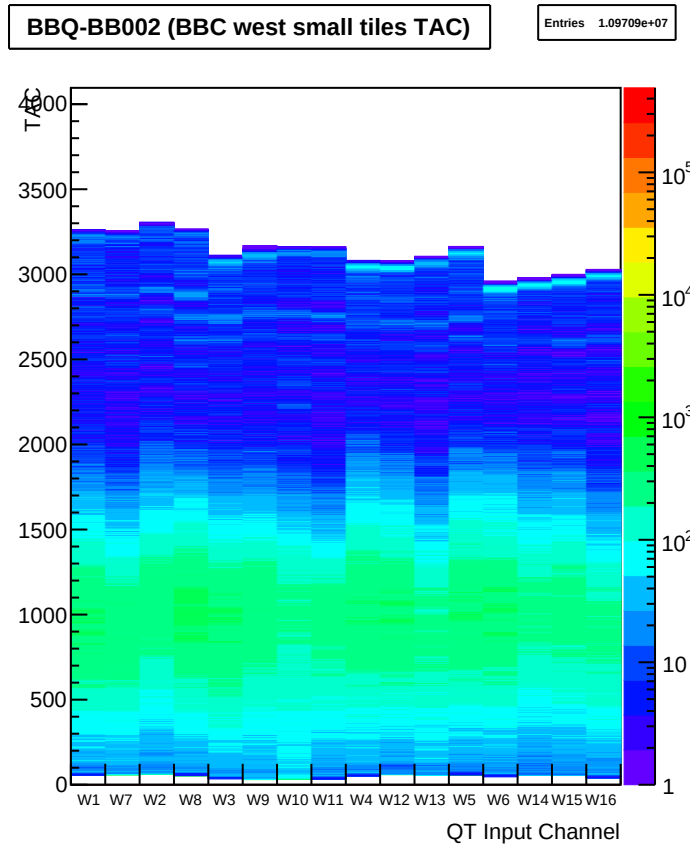

L2-TF201
Entries 4799767
Threshold/UPC bits
605260 609824 604597 610286 605143 602349 653367
80421 75857 81084 75395 80538 83332 32314
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

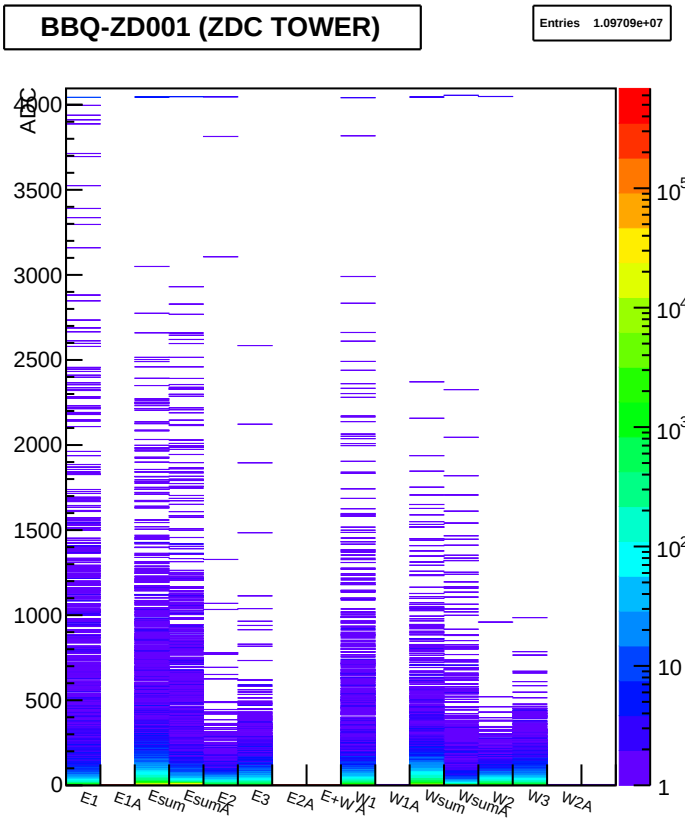

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

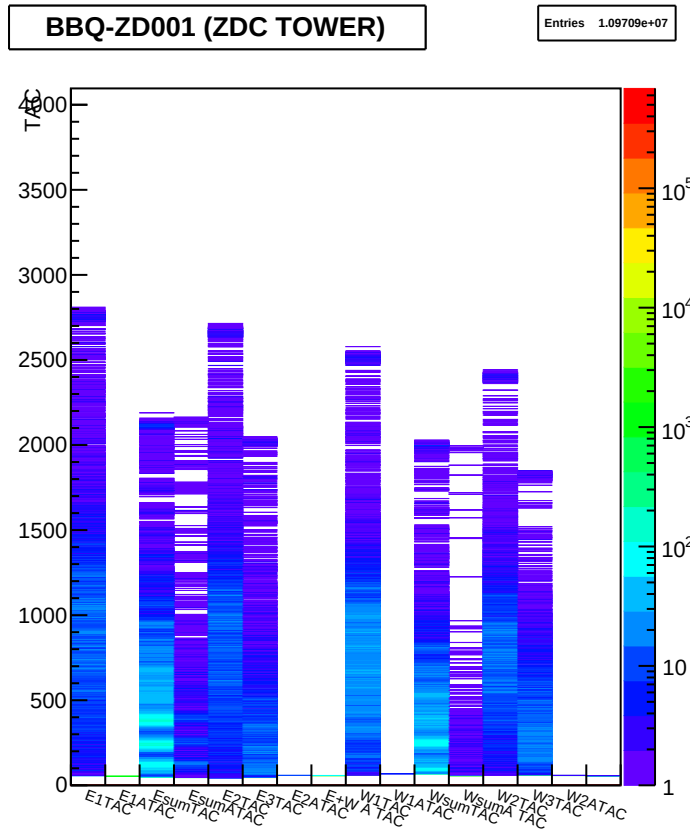

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.09709e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

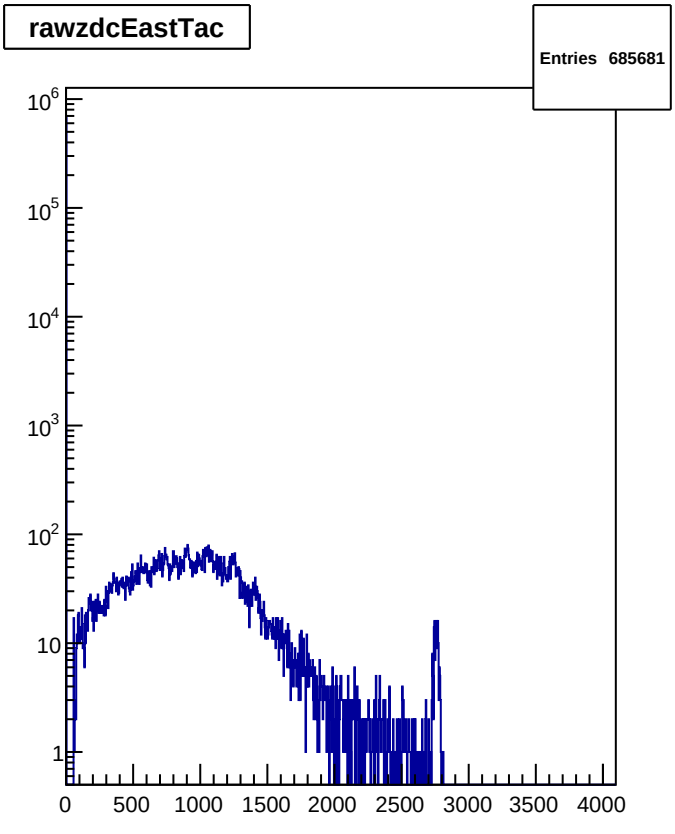

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.09709e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

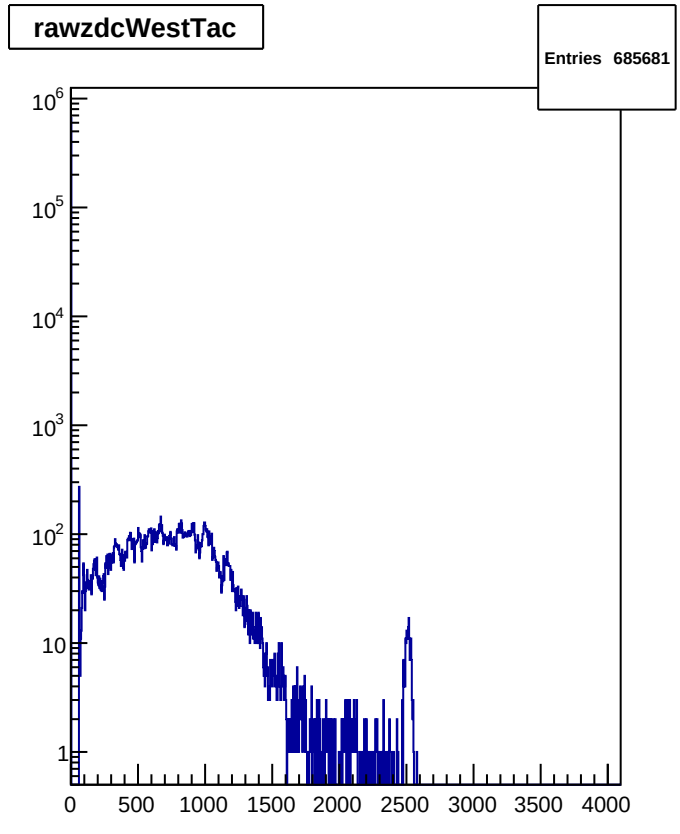

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.09709e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

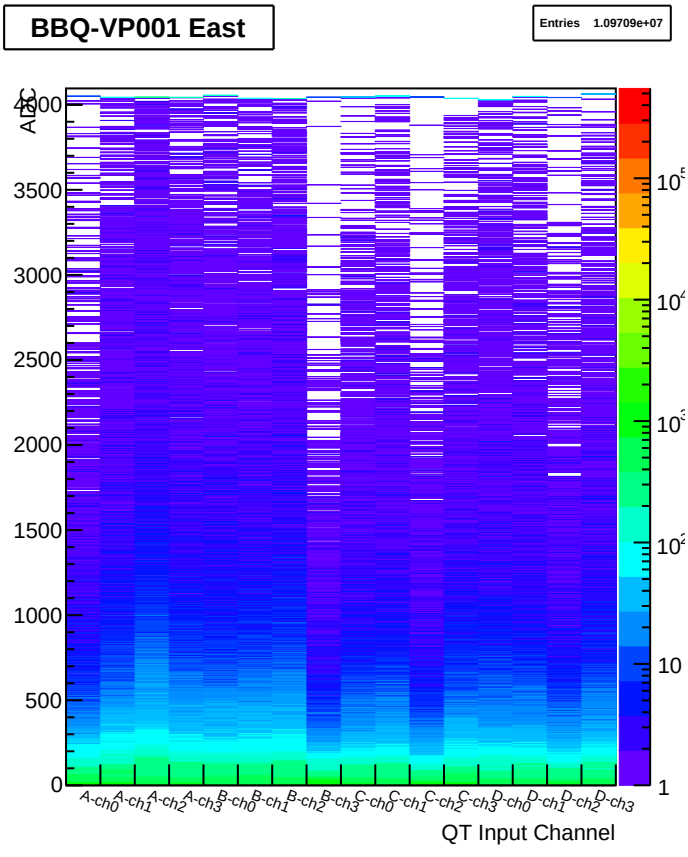

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.09709e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

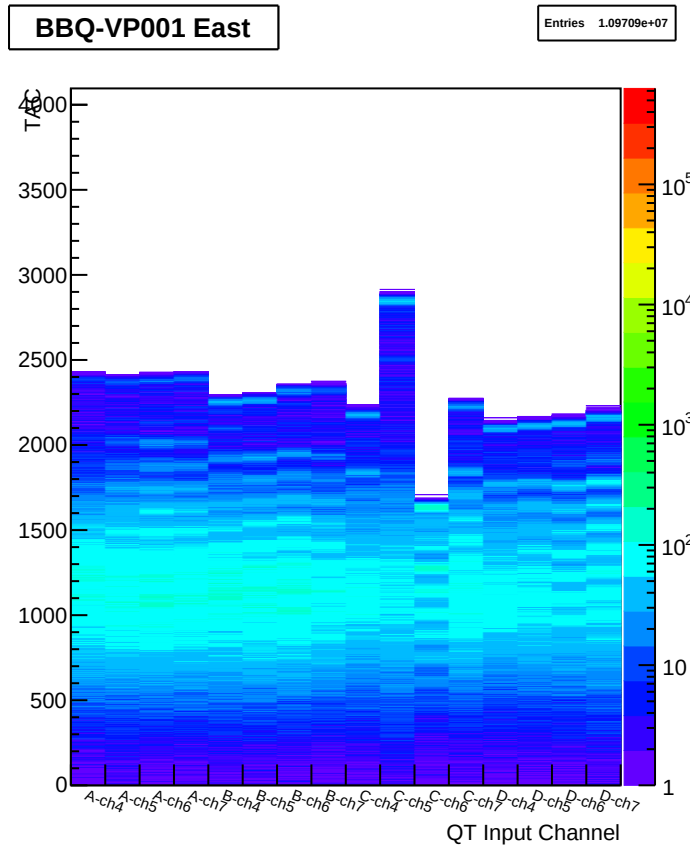

BBQ-ZD001 (ZDC TOWER)
Entries 1.09709e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

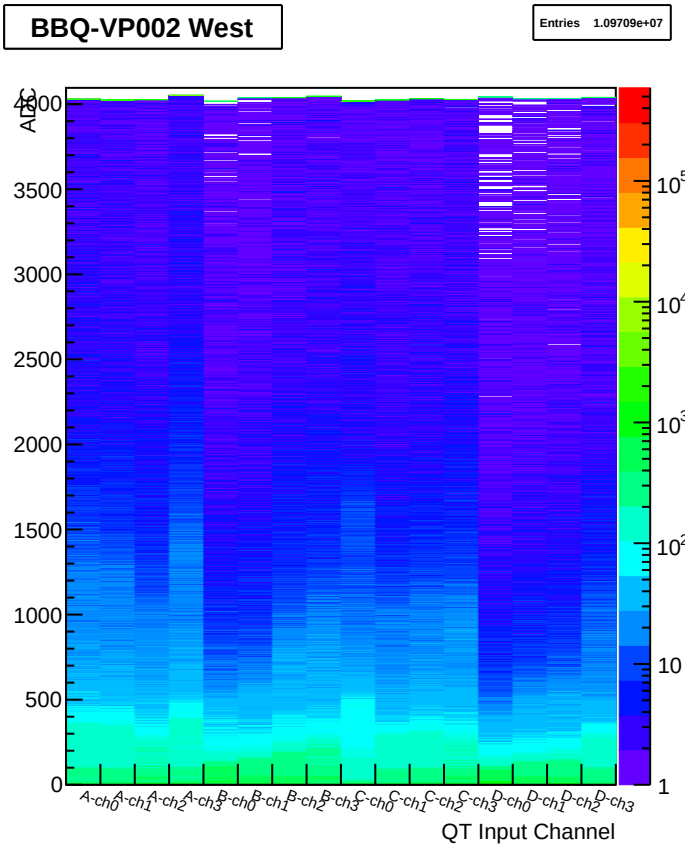

BBQ-ZD001 (ZDC TOWER)
Entries 1.09709e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

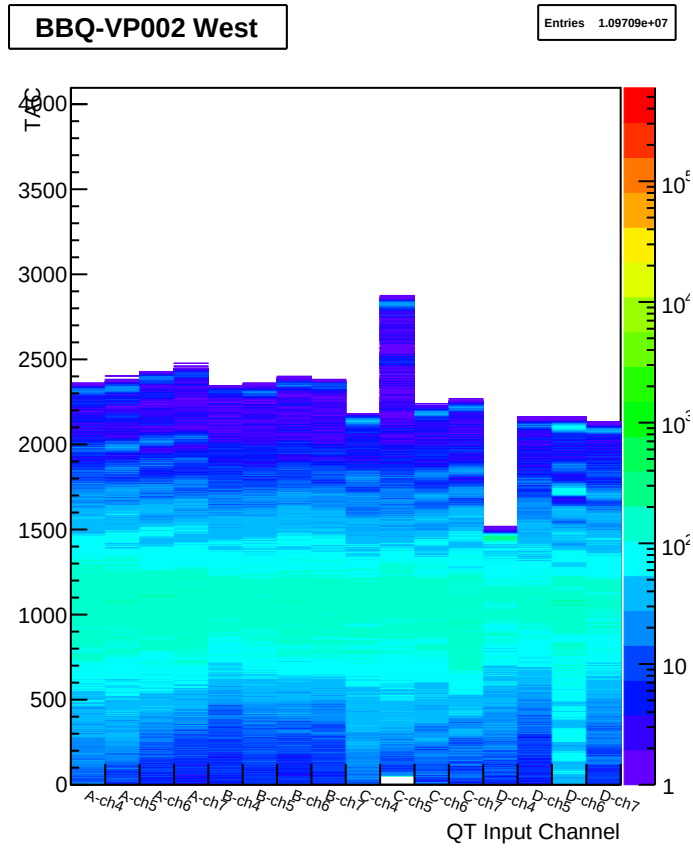

rawzdcEastTac
Entries 685681

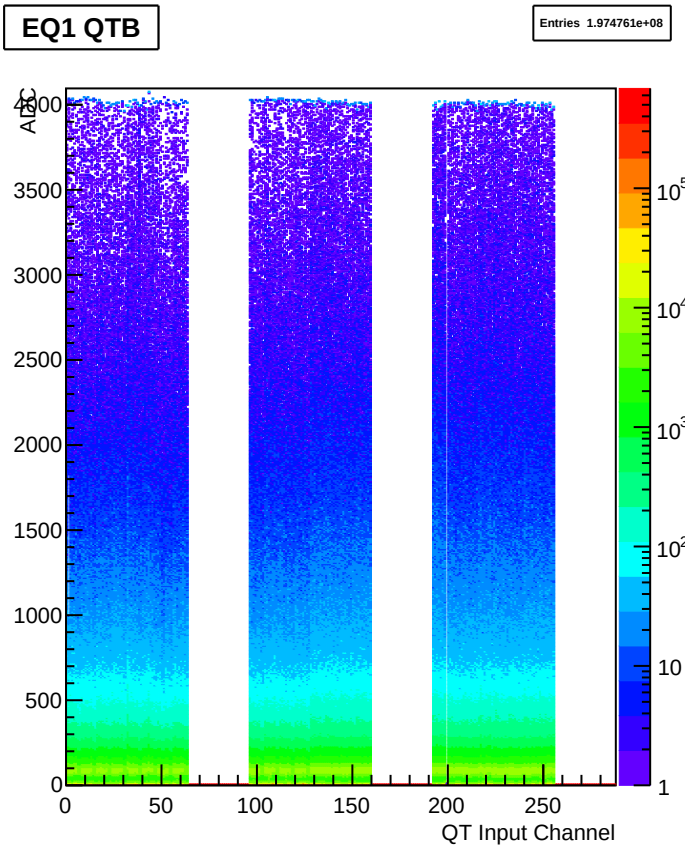

rawzdcWestTac
Entries 685681

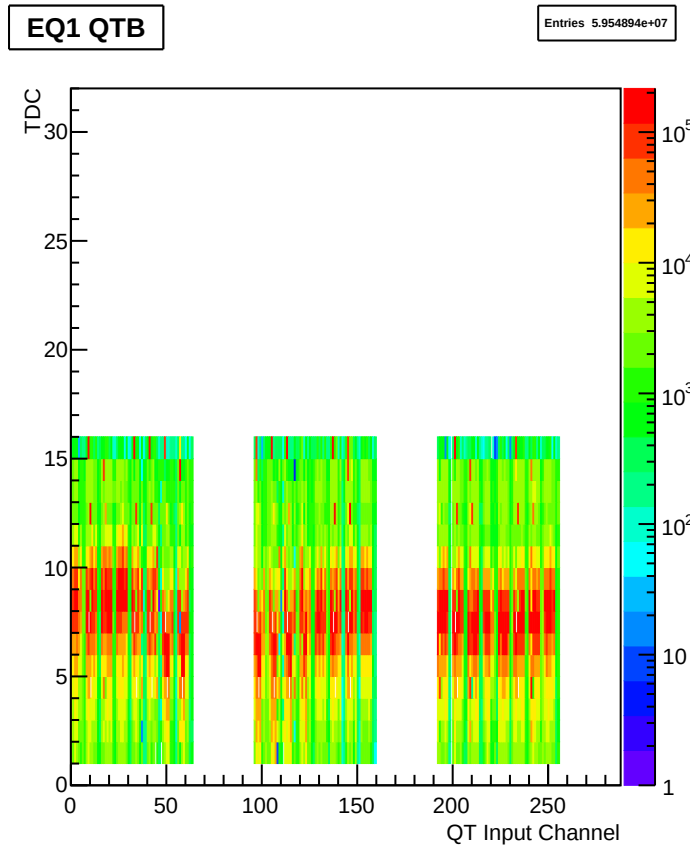

BBQ-VP001 East
Entries 1.09709e+07
ADC
QT Input Channel

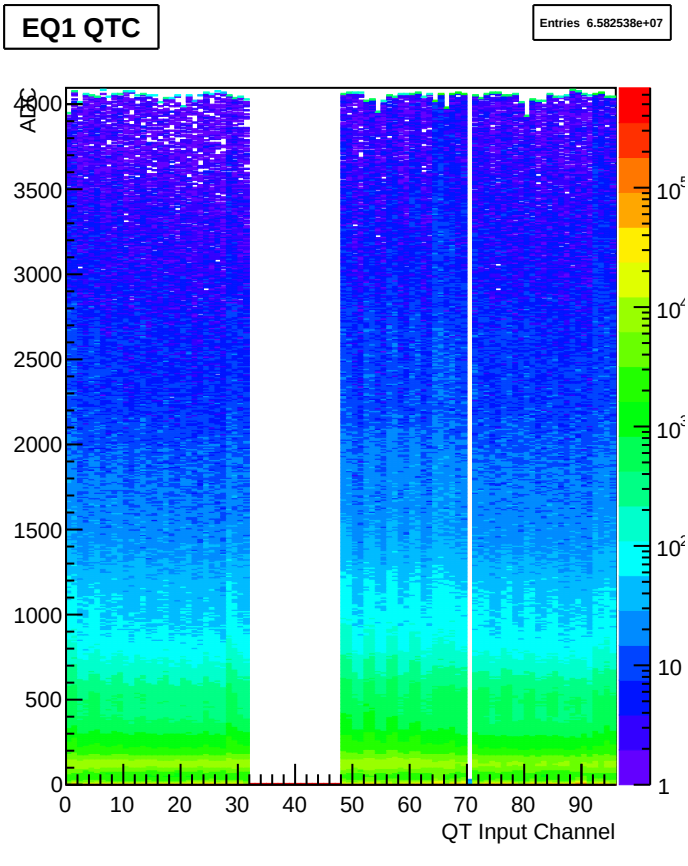

BBQ-VP001 East
Entries 1.09709e+07
TADC
QT Input Channel

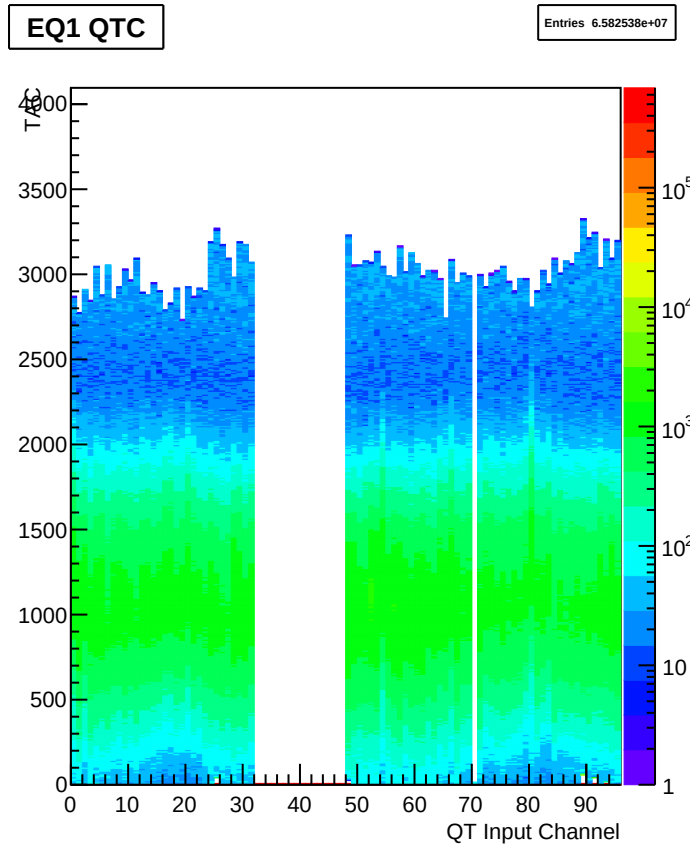

BBQ-VP002 West
Entries 1.09709e+07
ADC
QT Input Channel

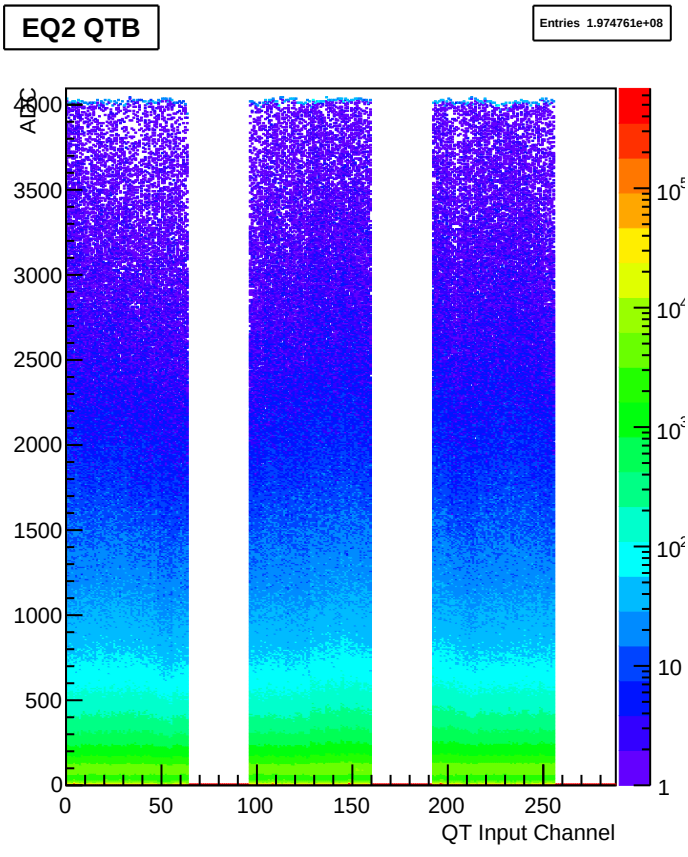

BBQ-VP002 West
Entries 1.09709e+07
TADC
QT Input Channel

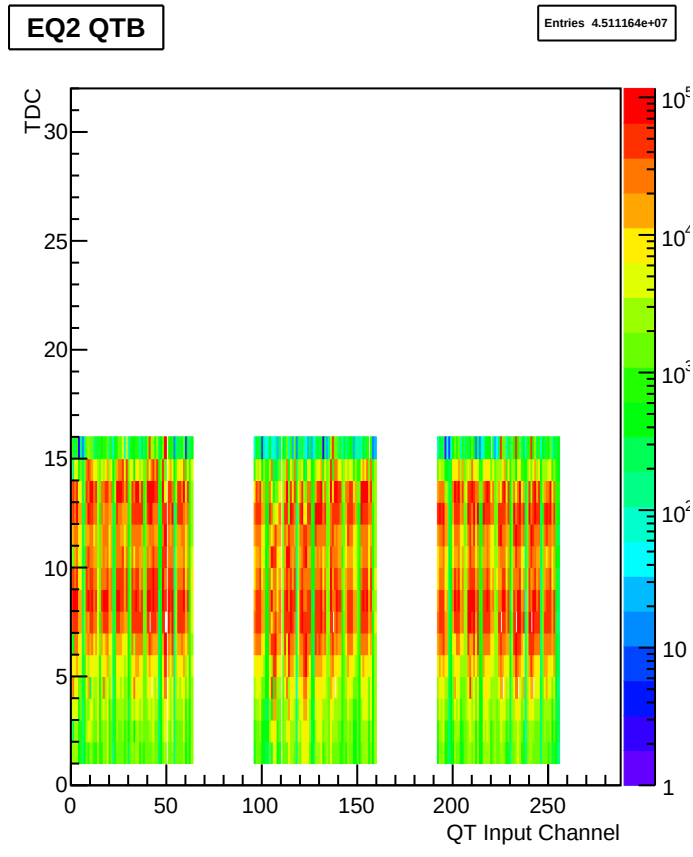

EQ1 QTB
Entries 1.974761e+08
ADC
QT Input Channel

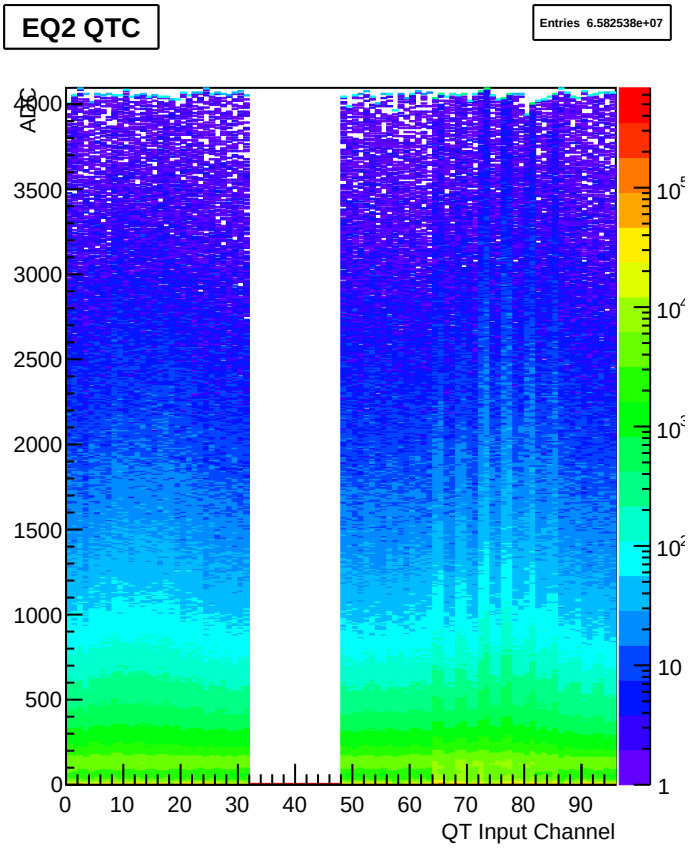

EQ1 QTB
Entries 5.954894e+07
TDC
QT Input Channel

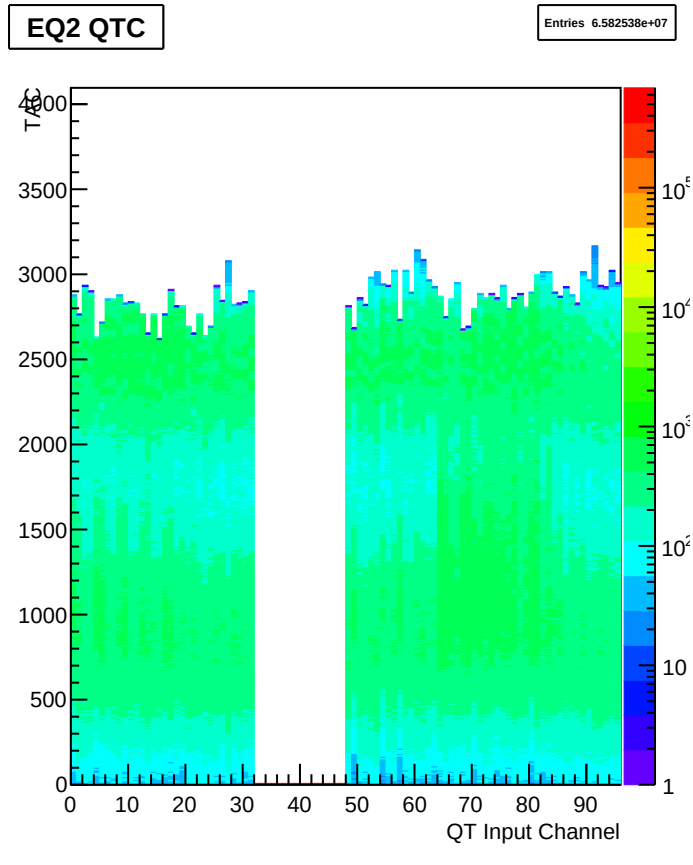

EQ1 QTC
Entries 6.582538e+07
ADC
QT Input Channel

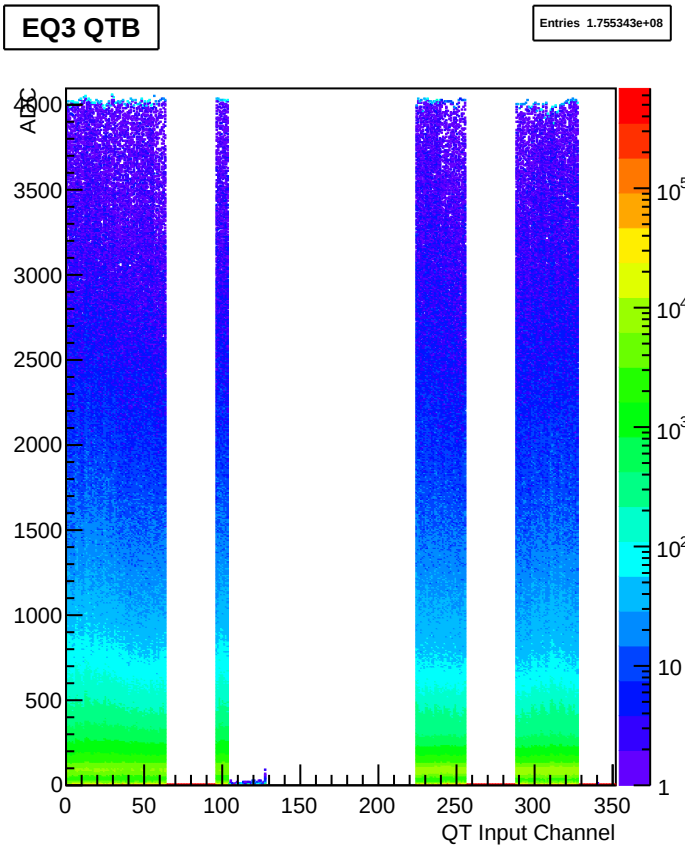

EQ1 QTC
Entries 6.582538e+07
TADC
QT Input Channel

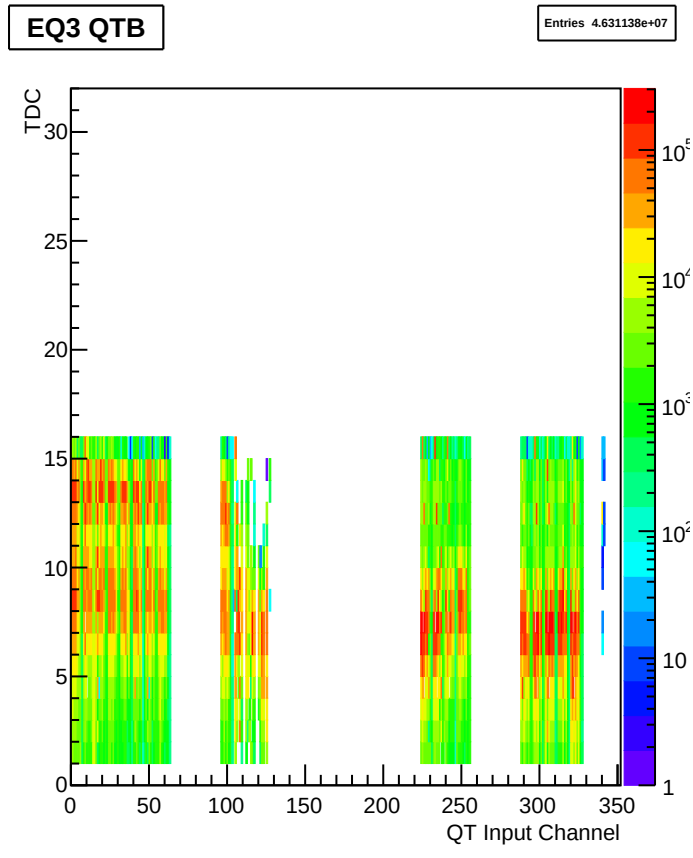

EQ2 QTB
Entries 1.974761e+08
ADC
QT Input Channel

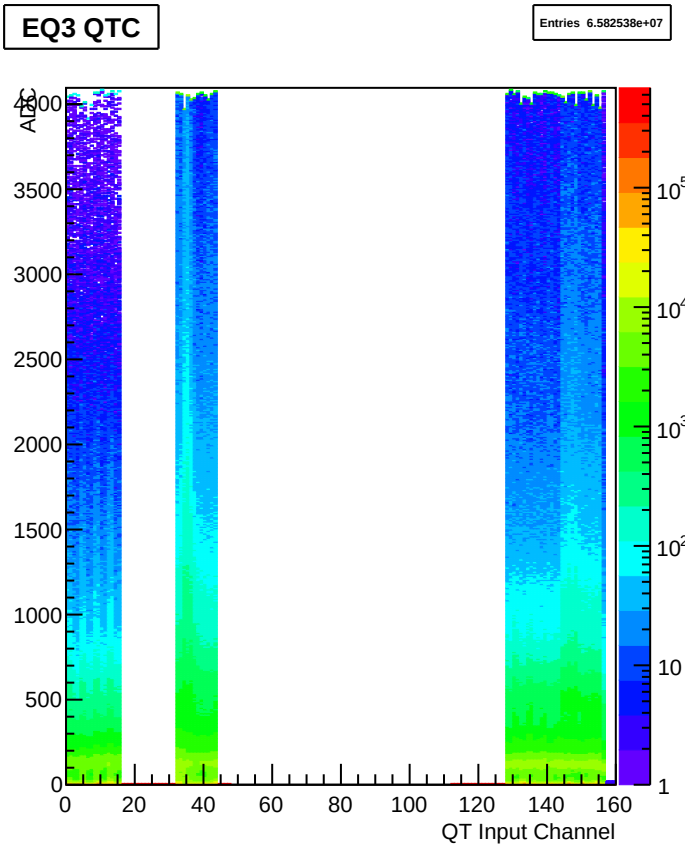

EQ2 QTB
Entries 4.511164e+07
TDC
QT Input Channel


EQ2 QTC
Entries 6.582538e+07
ADC
QT Input Channel


EQ2 QTC
Entries 6.582538e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.755343e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.631138e+07
TDC
QT Input Channel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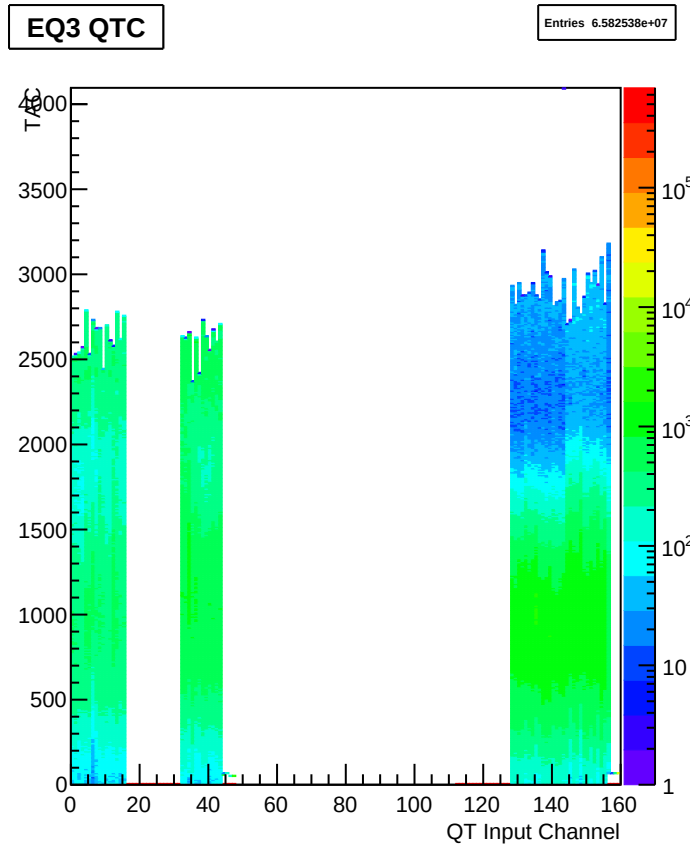
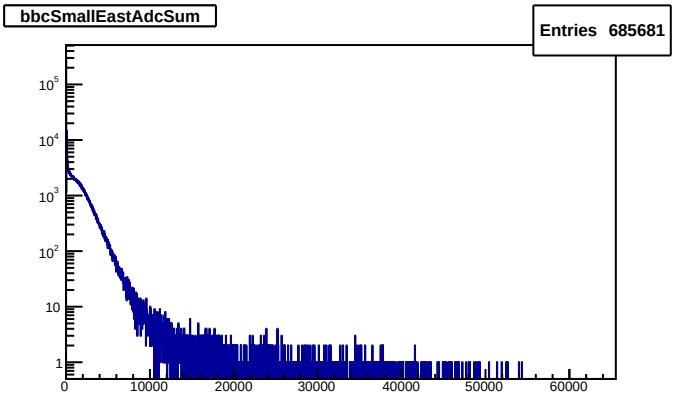
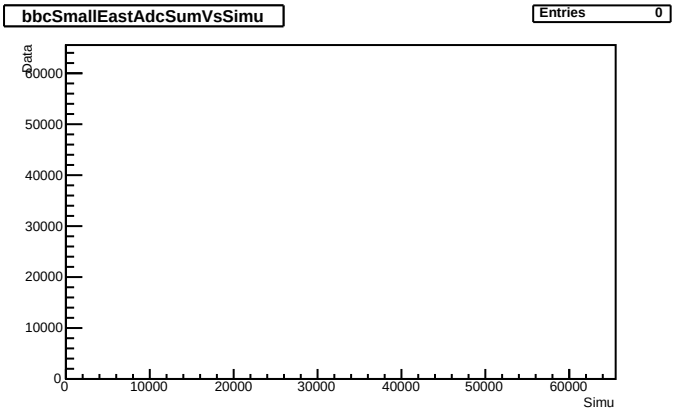
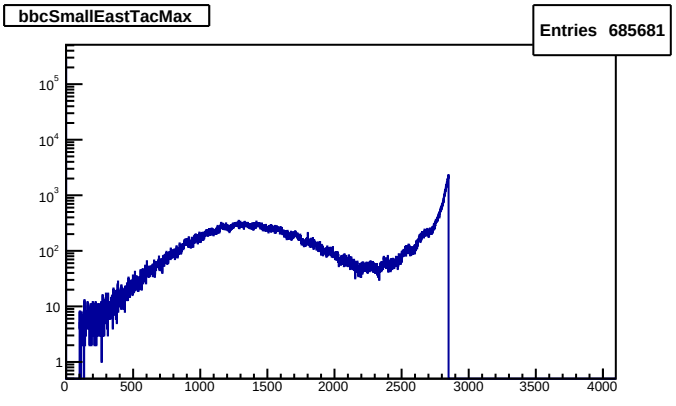
Entries 6.582538e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.582538e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 685681


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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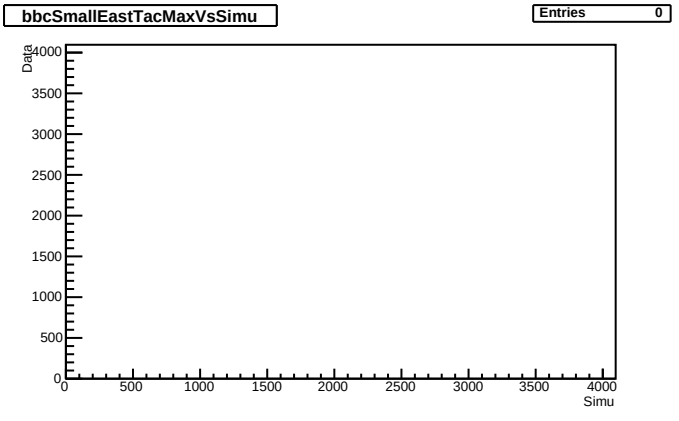
Entries 685681


bbcSmallEastTacMaxVsSimu
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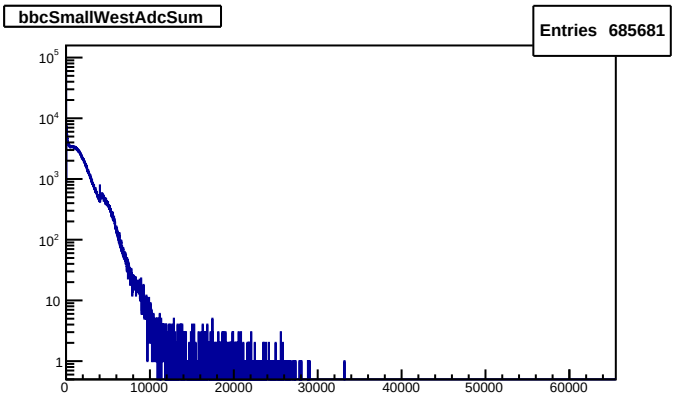
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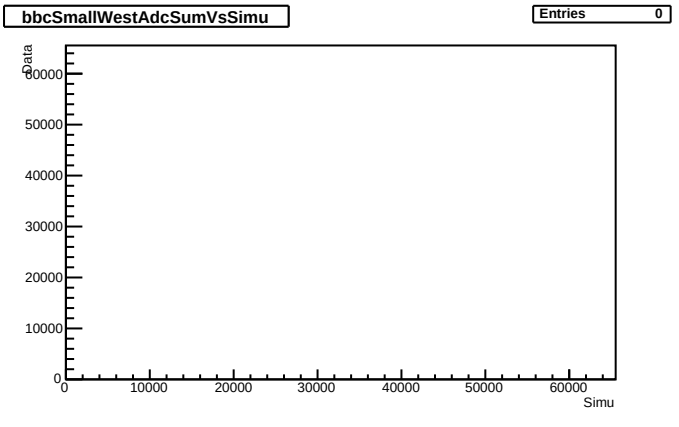
Entries 685681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Entries 0
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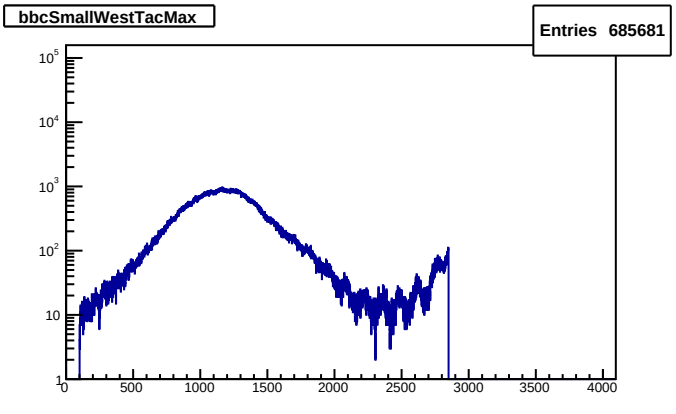
Simu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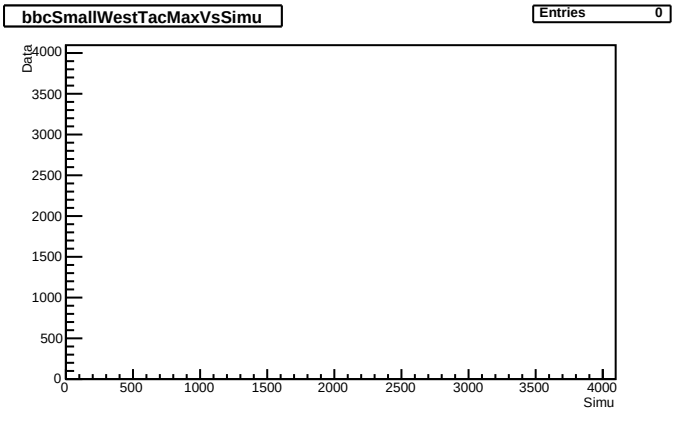
Entries 685681


bbcSmallWestTacMaxVsSimu
Entries 0
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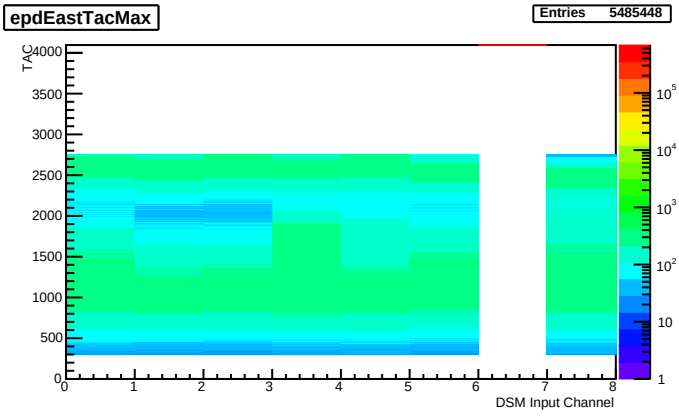
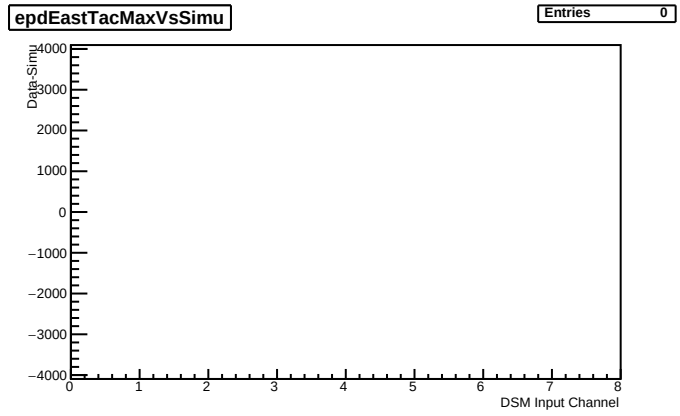
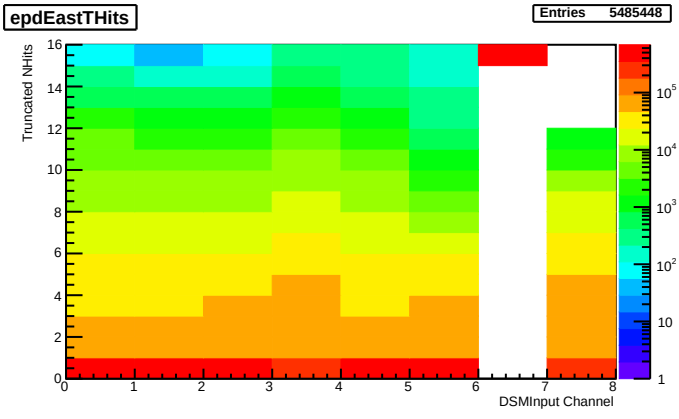

epdEastTacMax
Entries 5485448
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 5485448
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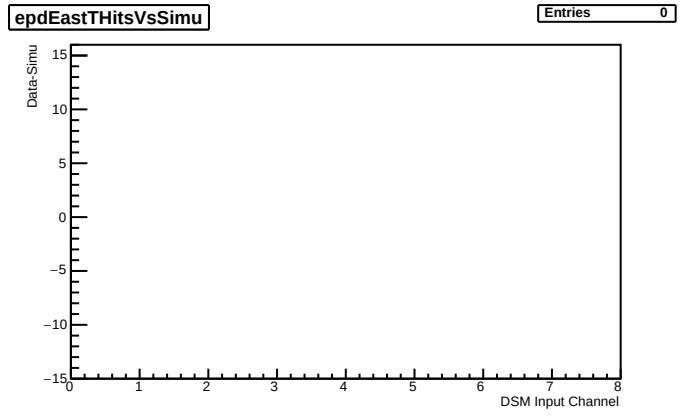
DSMInput Channel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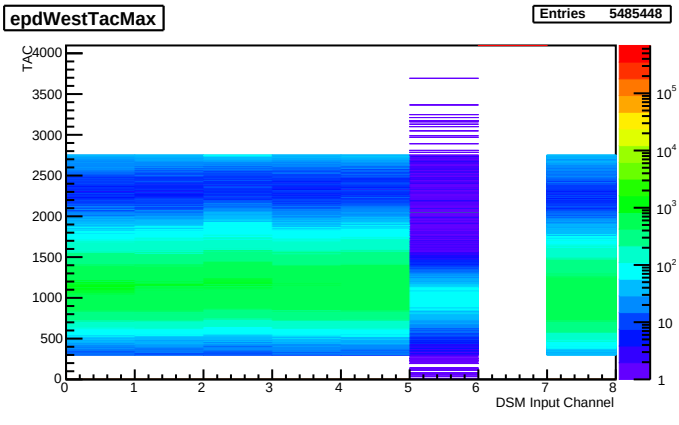
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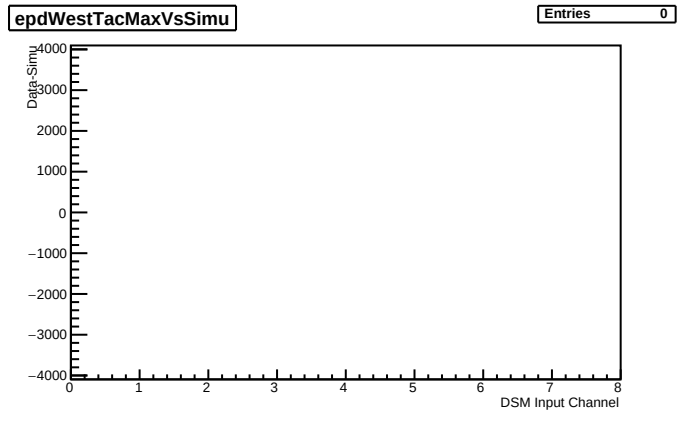
Entries 5485448
TAC
DSM Input Channel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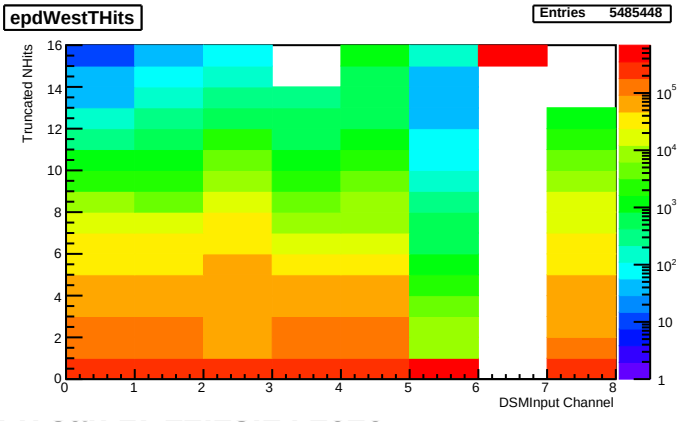
Data-Simu
DSM Input Channel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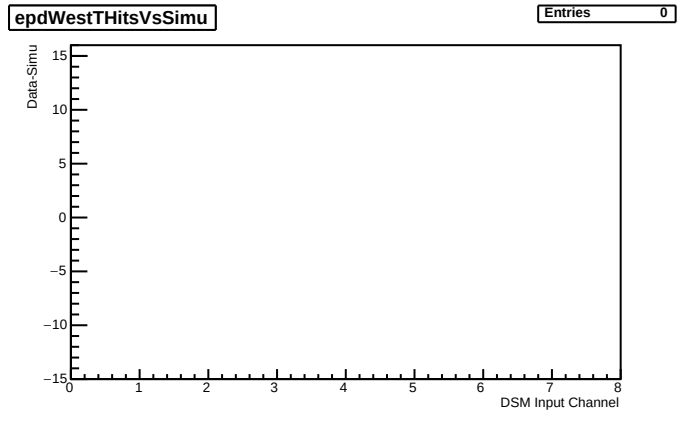
DSMInput Channel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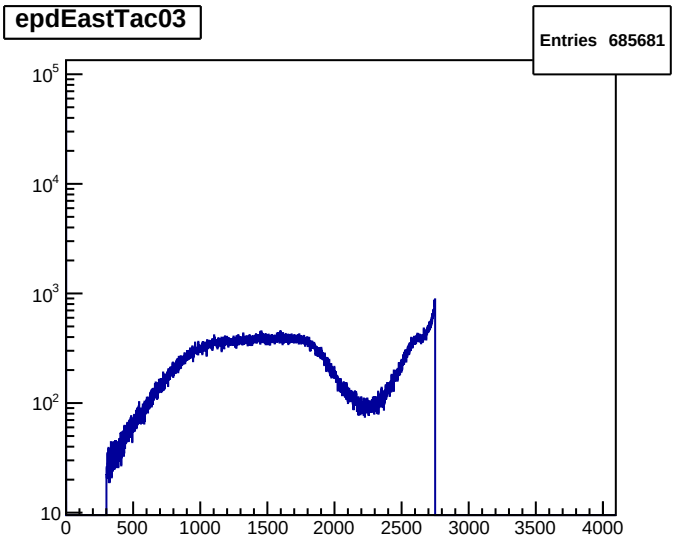
DSM Input Channel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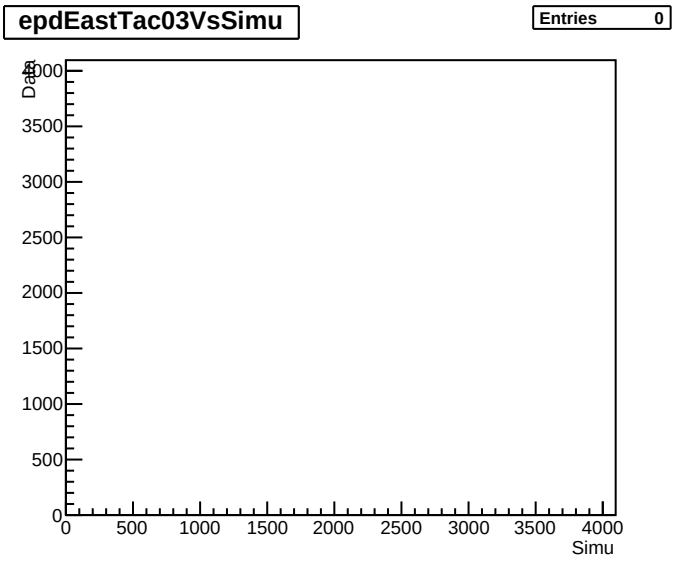
Entries 685681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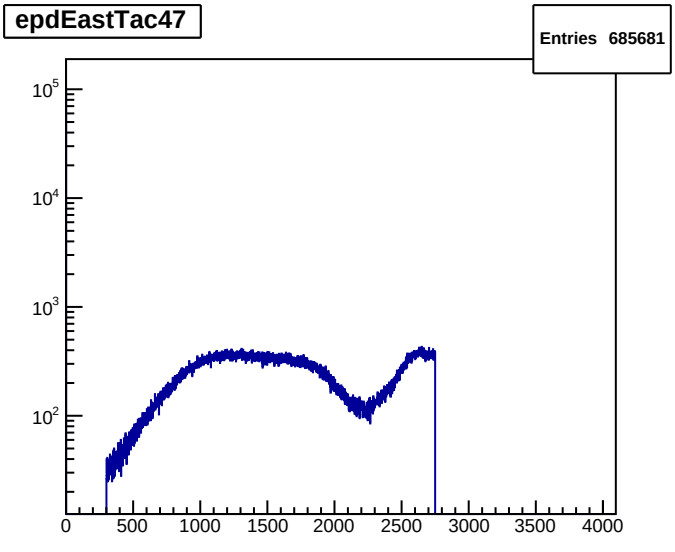
Entries 0
Data
Simu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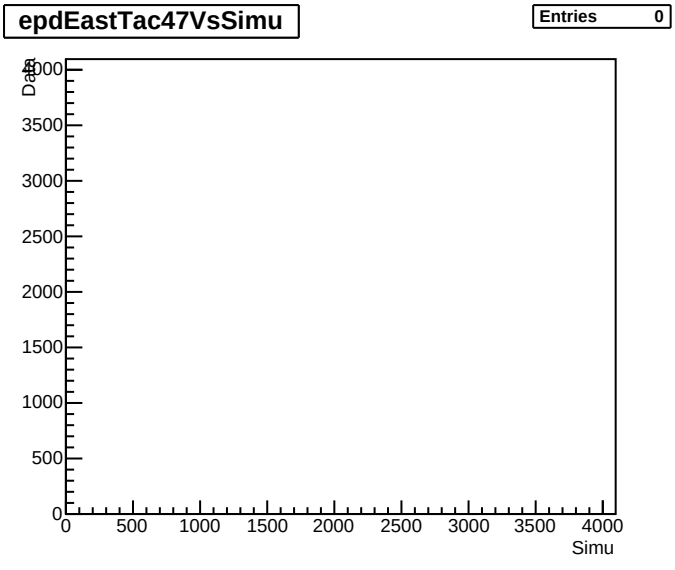
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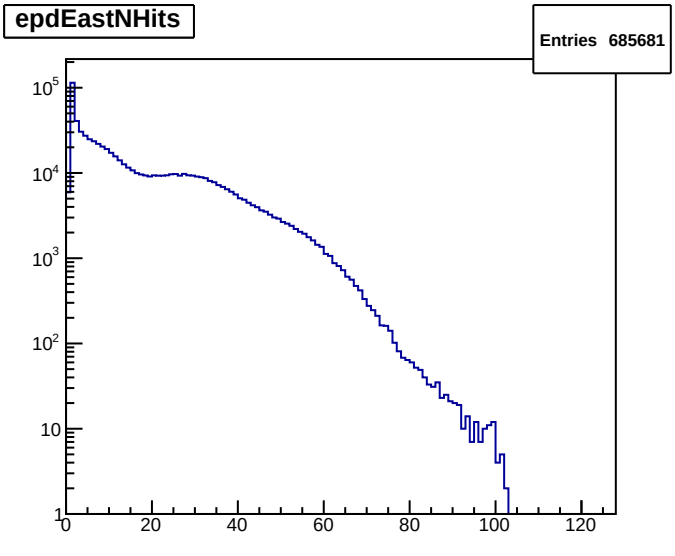
Entries 0
Data
Simu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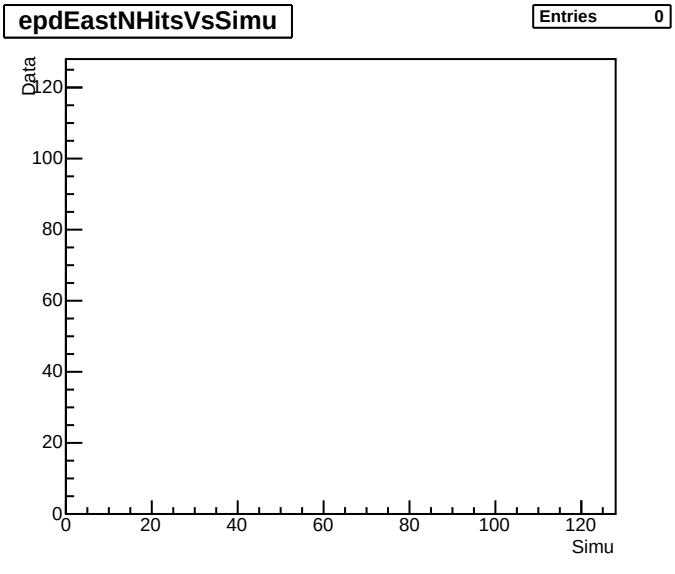
Entries 685681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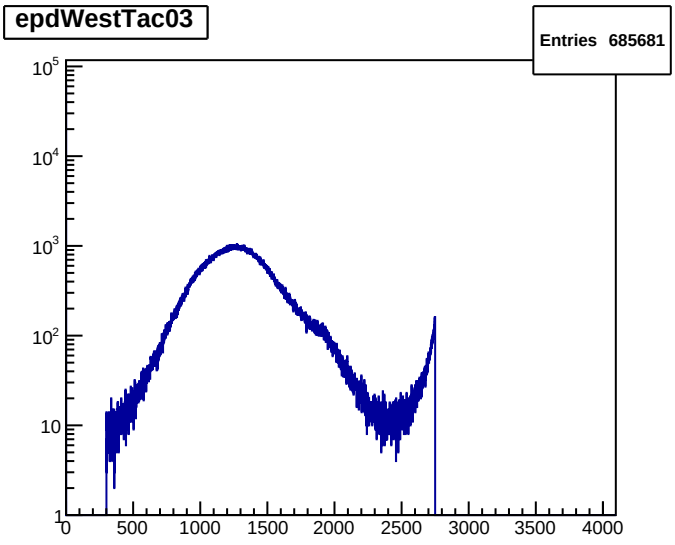
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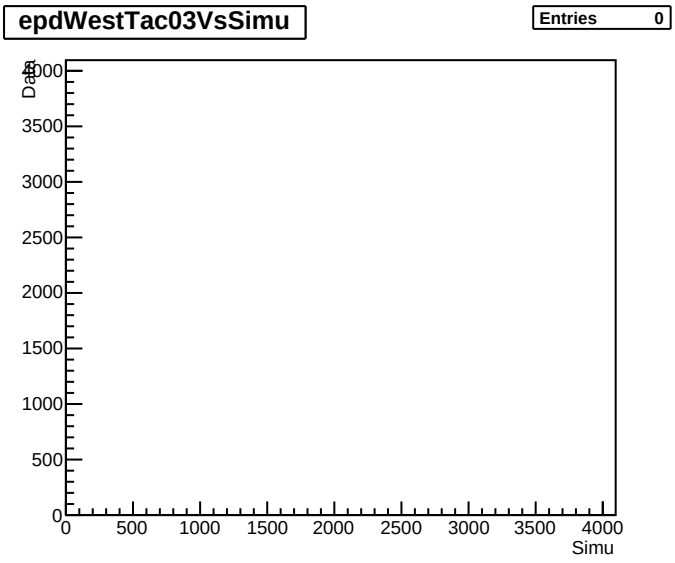
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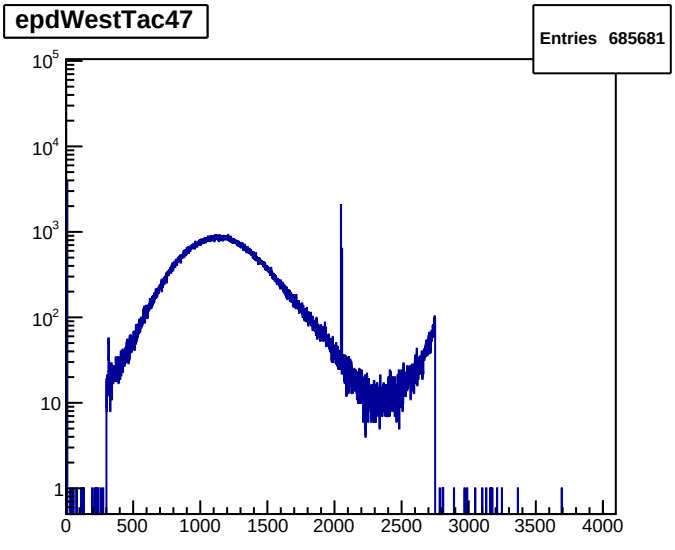
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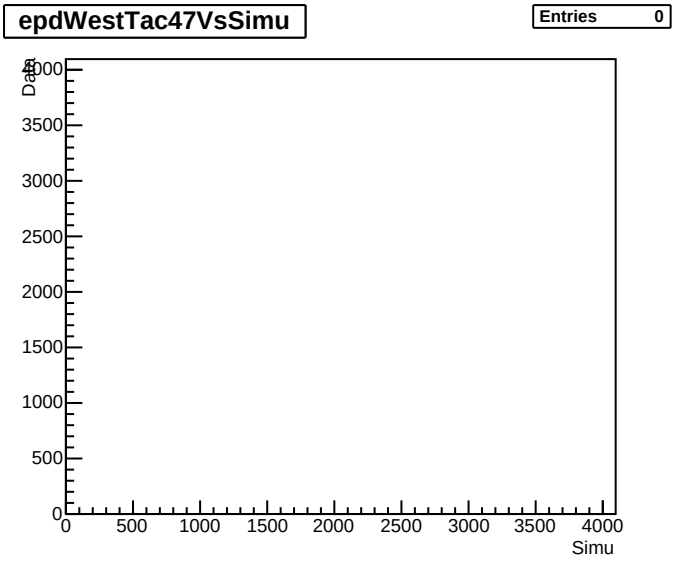
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Data
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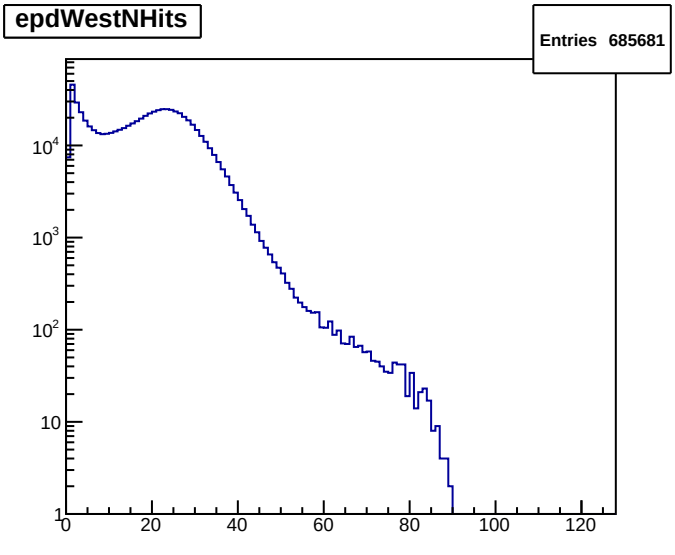
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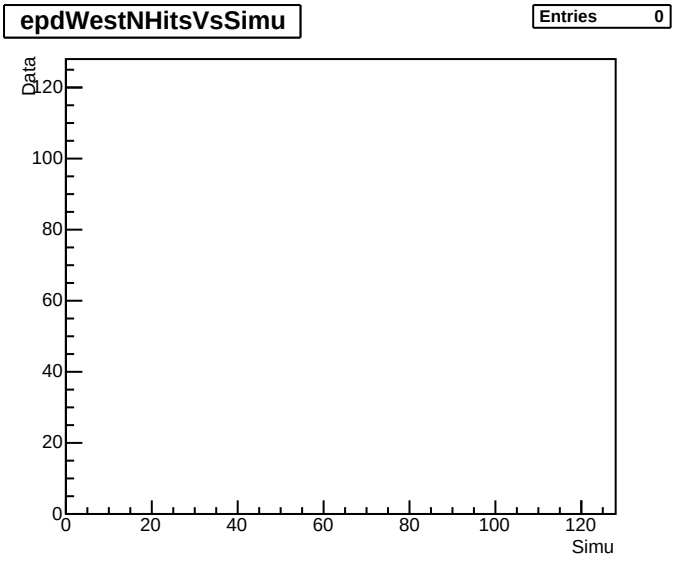
Entries 685681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Entries 0
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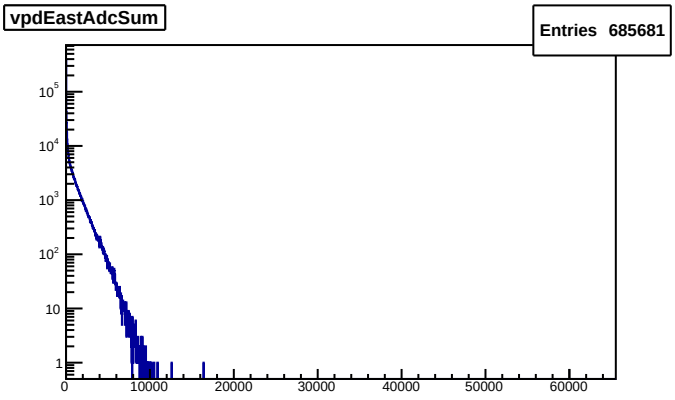
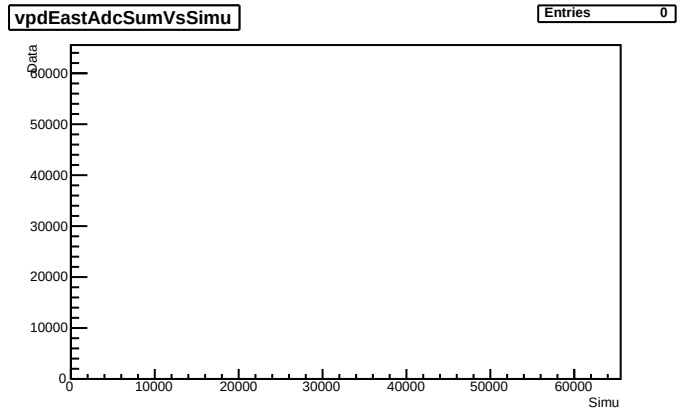
Simu


vpdEastAdcSum
Entries 685681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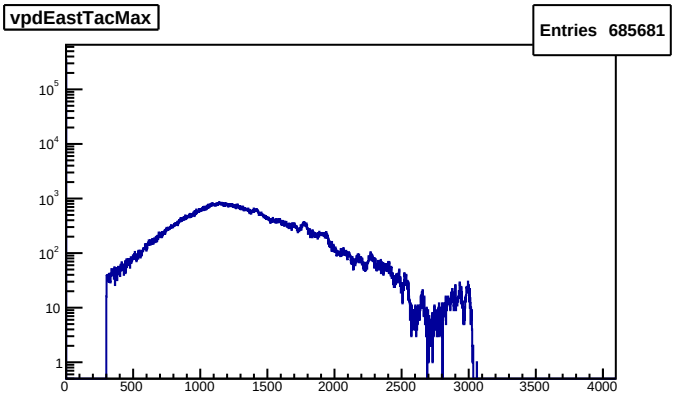
Data
Simu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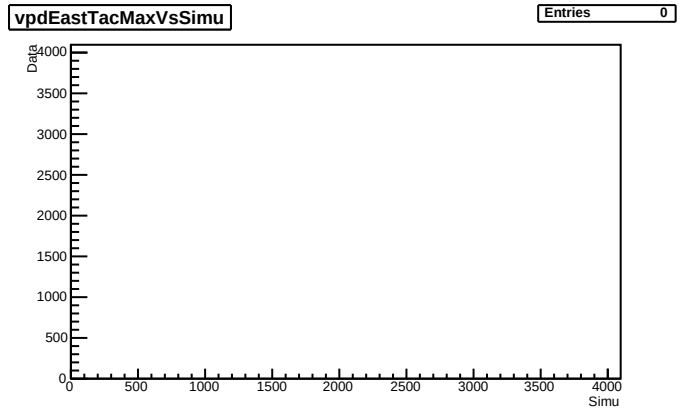
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Entries 0
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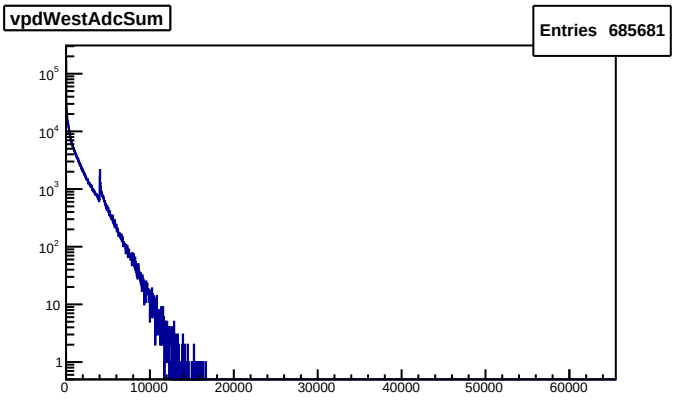
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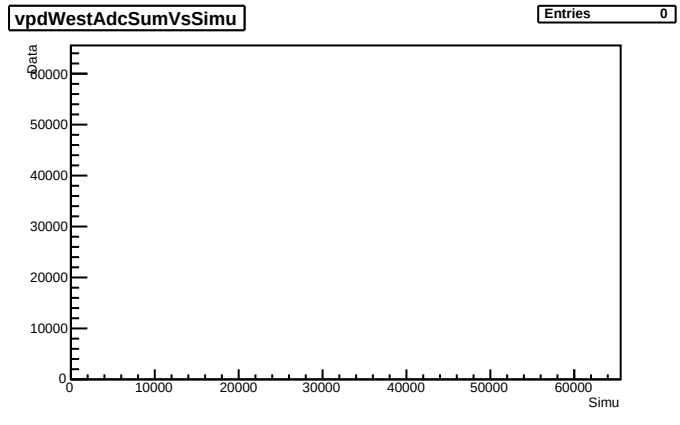
Entries 685681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Entries 0
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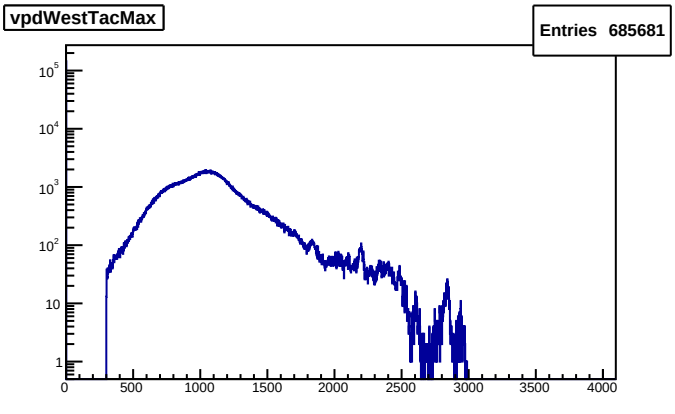
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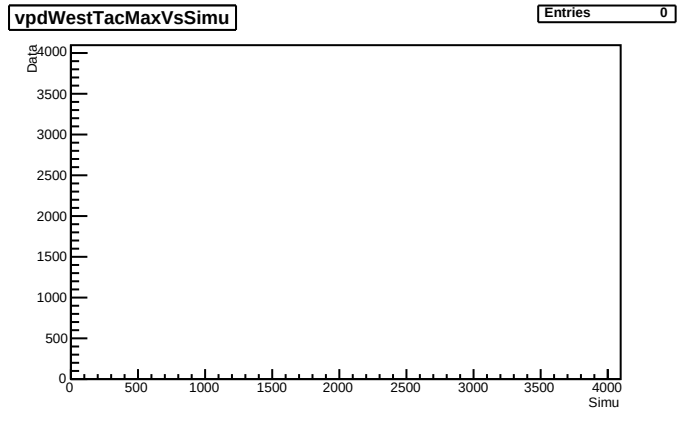
Entries 685681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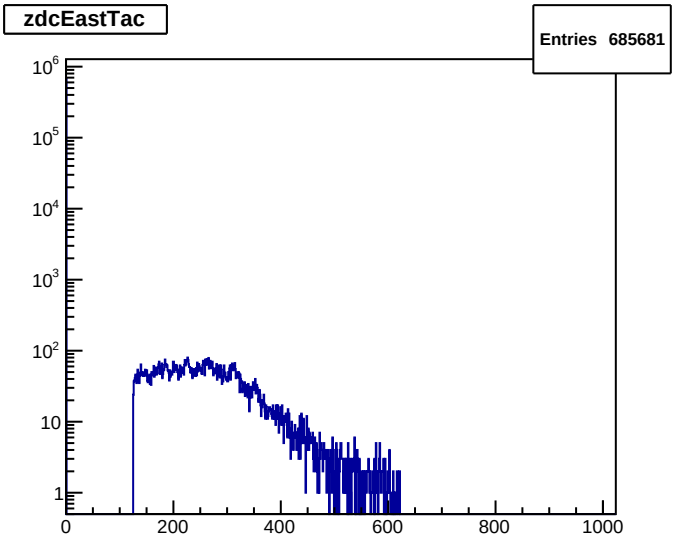
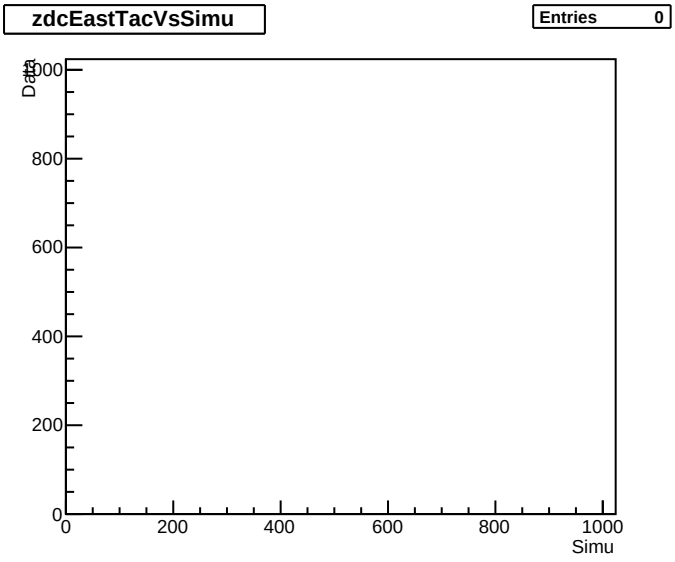
Entries 0
Data
Simu


zdcEastTac
Entries 685681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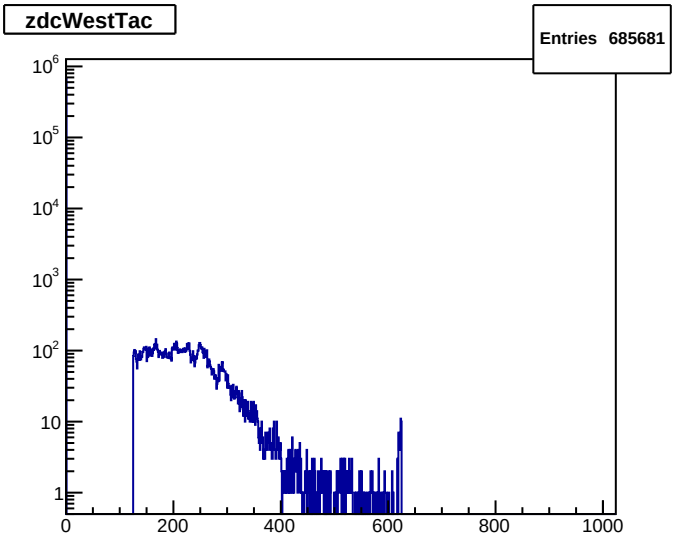
Entries 0
Data
Simu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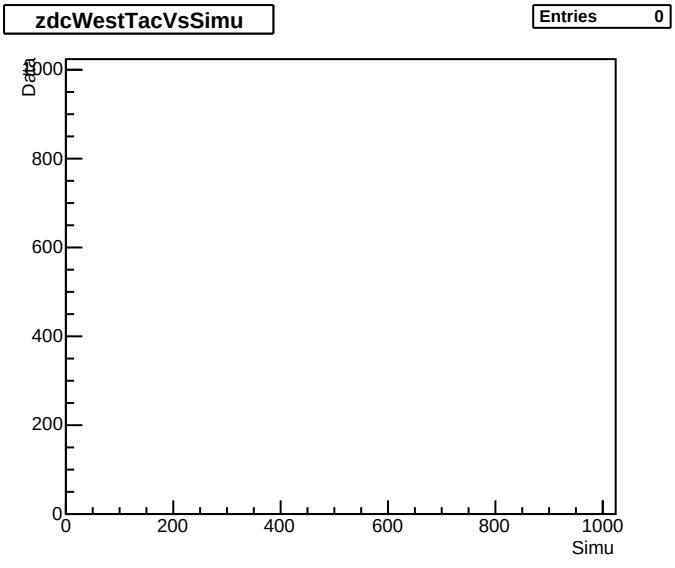
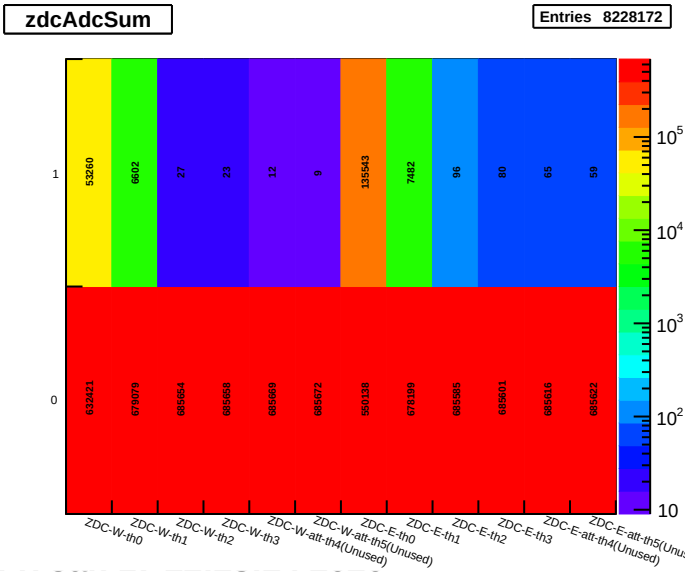
Entries 685681


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 8228172
53260
6602
27
23
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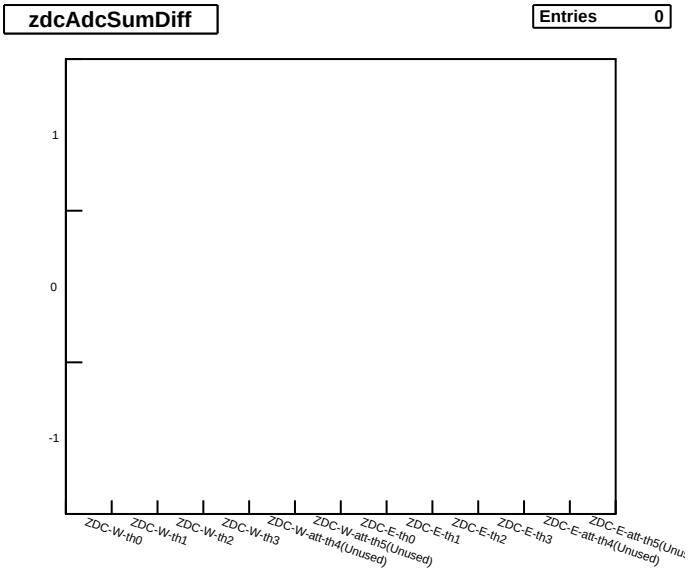
9
135543
7482
96
80
65
59
632421
679079
685654
685658
685669
685672
550138
678199
685585
685601
685616
685622
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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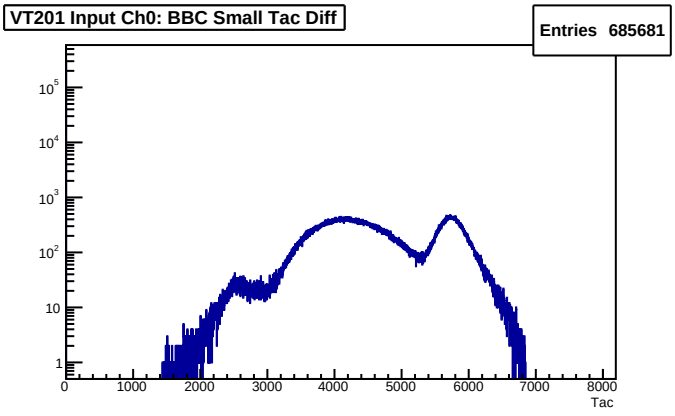
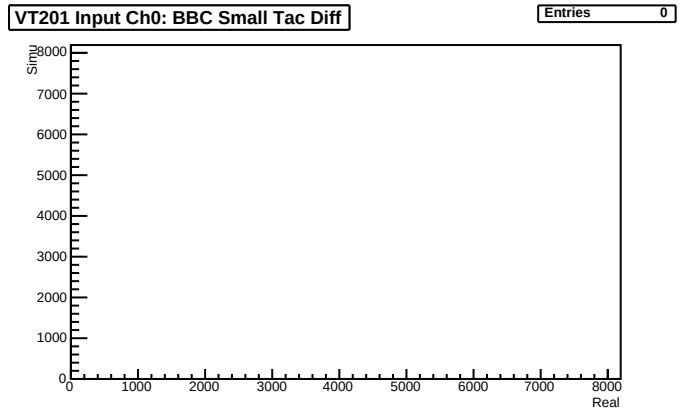
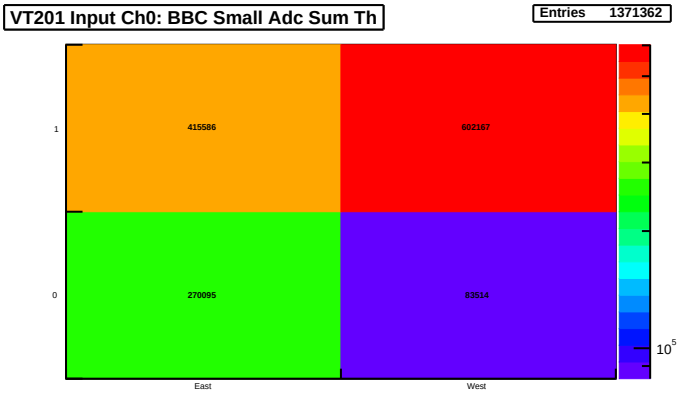
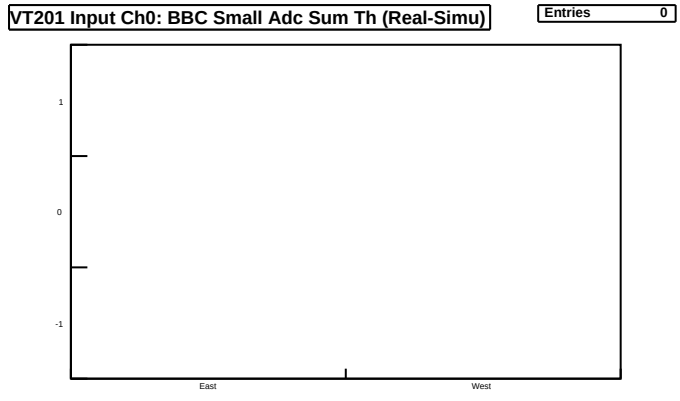
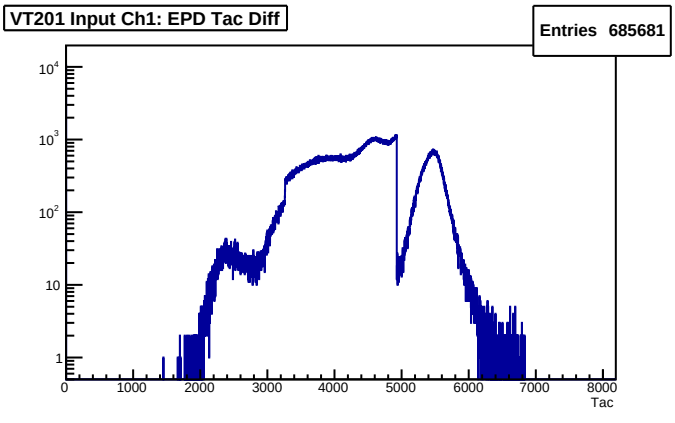
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

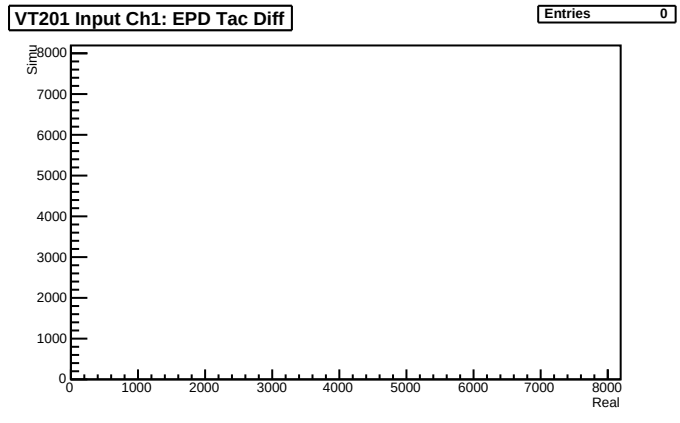

VT201 Input Ch0: BBC Small Tac Diff
Entries 685681
Tac

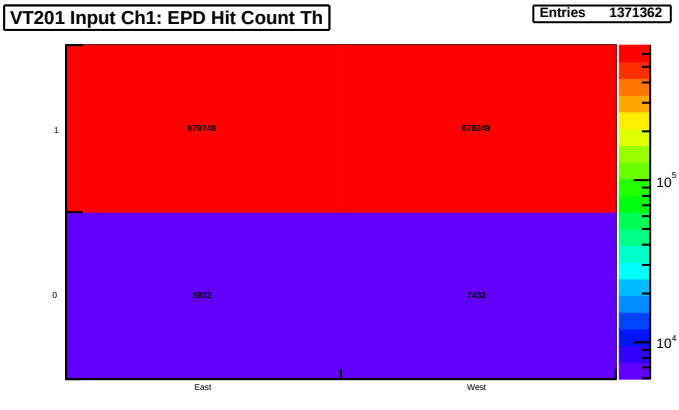

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

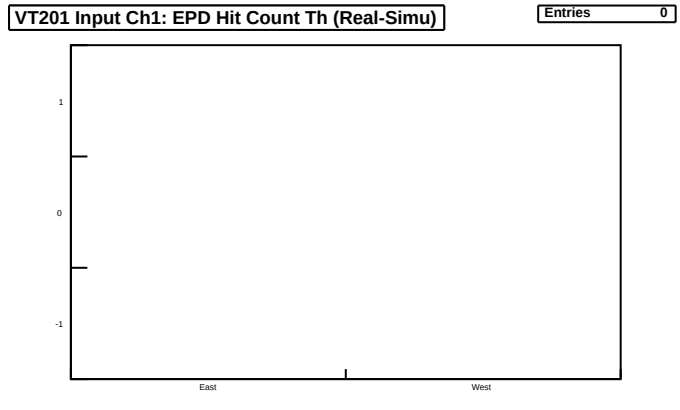

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1371362
415586
602167
270095
83514
East
West

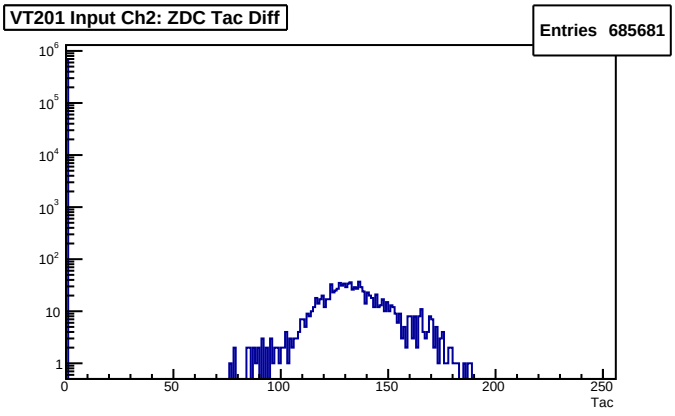

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

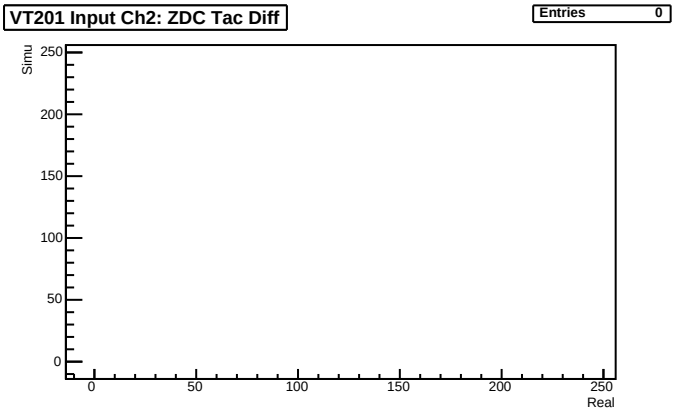

VT201 Input Ch1: EPD Tac Diff
Entries 685681
Tac

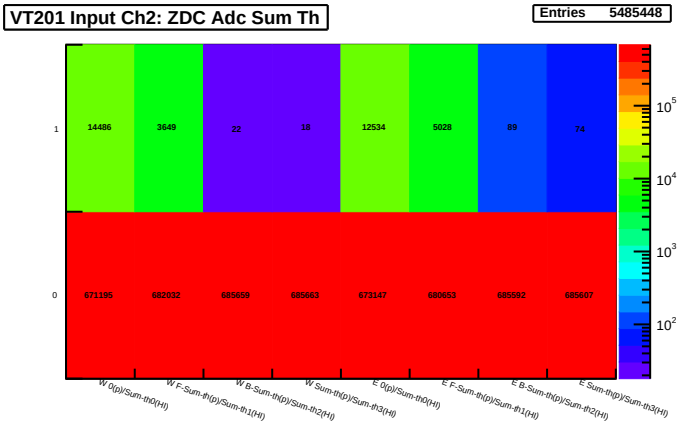

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

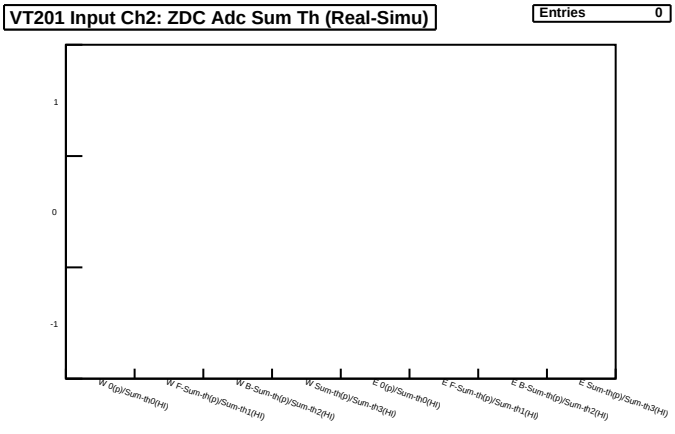

VT201 Input Ch1: EPD Hit Count Th
Entries 1371362
679749
678249
5932
7432
East
West

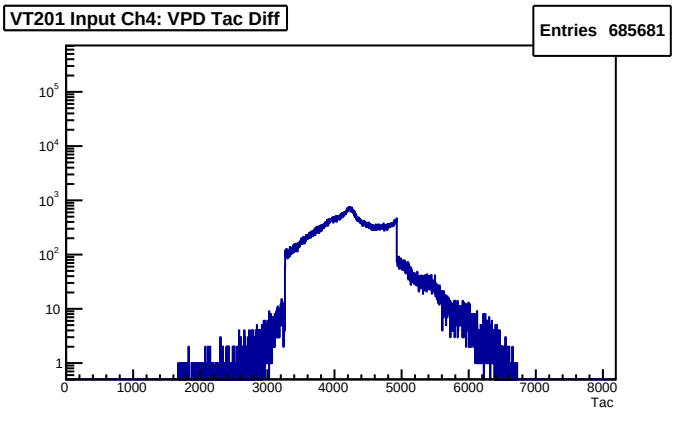

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

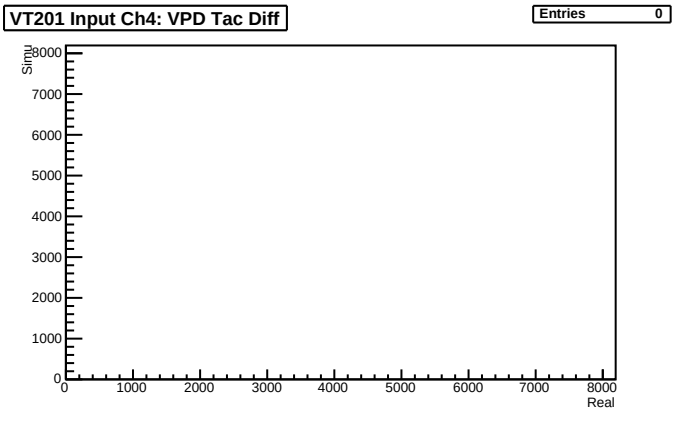

VT201 Input Ch2: ZDC Tac Diff
Entries 685681
Tac

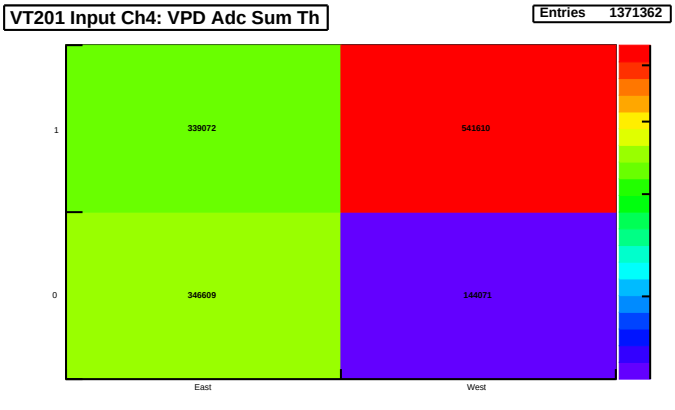

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

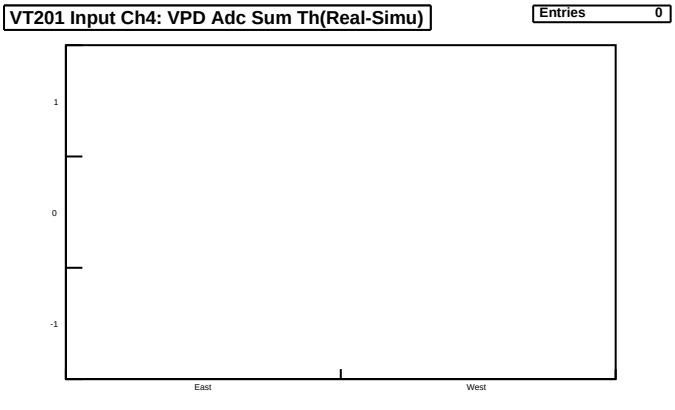

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5485448
14486
3649
22
18
12534
5028
89
74
671195
682032
685659
685663
673147
680653
685592
685607
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

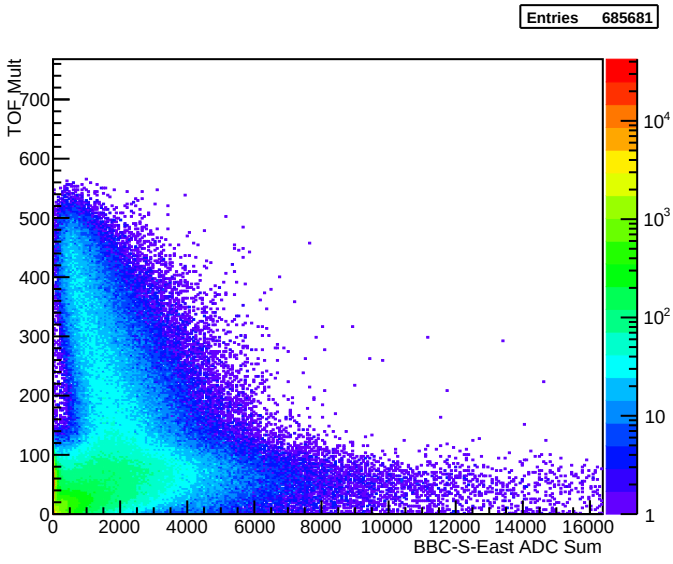

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

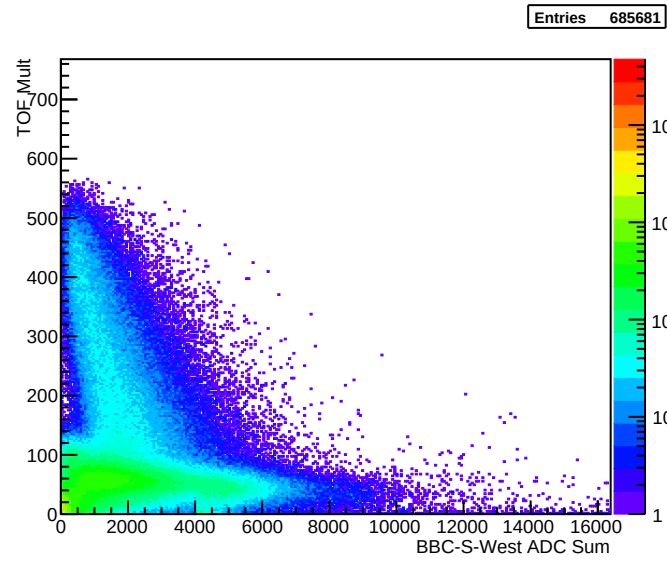

VT201 Input Ch4: VPD Tac Diff
Entries 685681
Tac

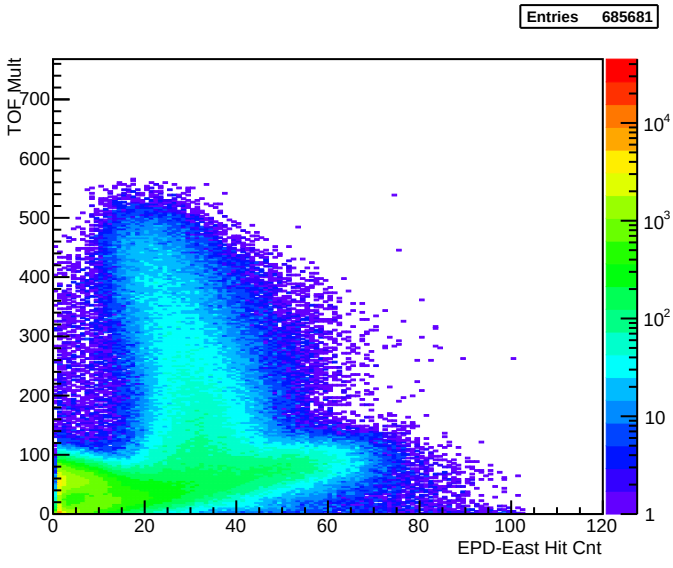

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

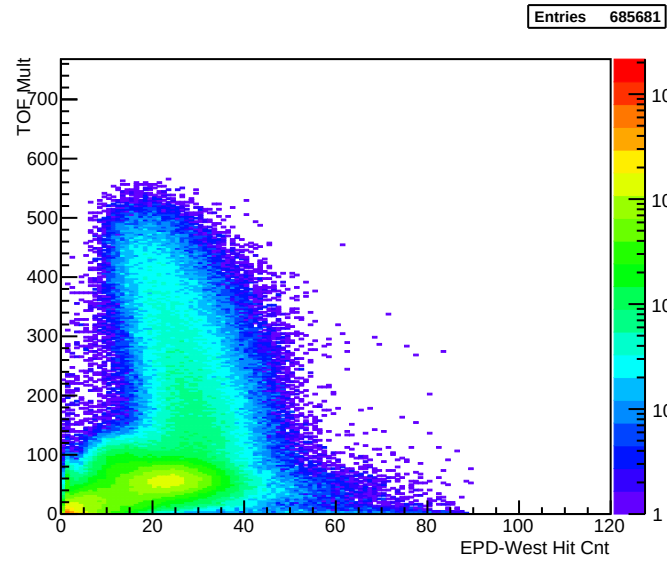

VT201 Input Ch4: VPD Adc Sum Th
Entries 1371362
339072
541610
346609
144071
East
West

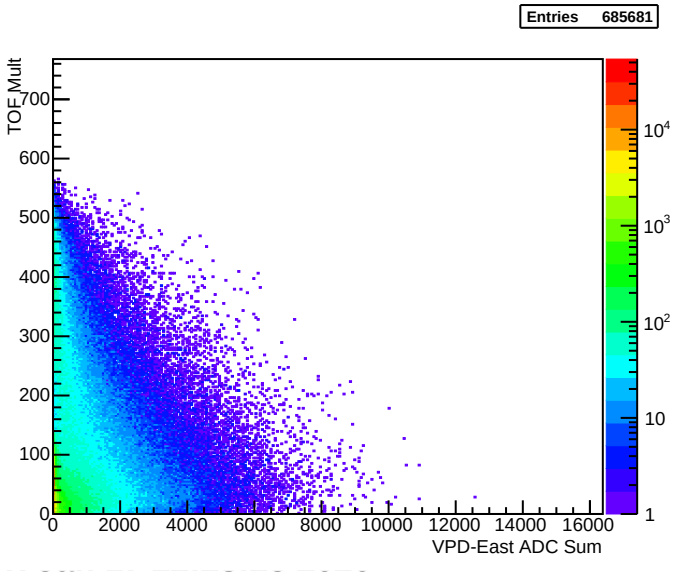

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

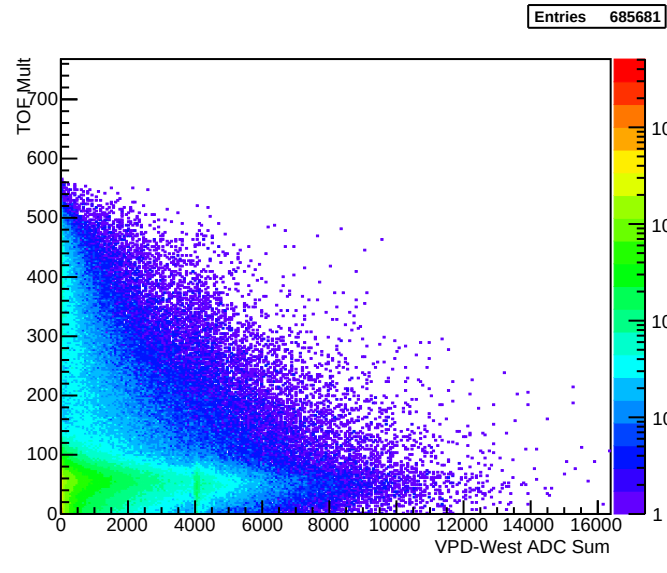

Entries 685681
TOF_Mult
BBC-S-East ADC Sum

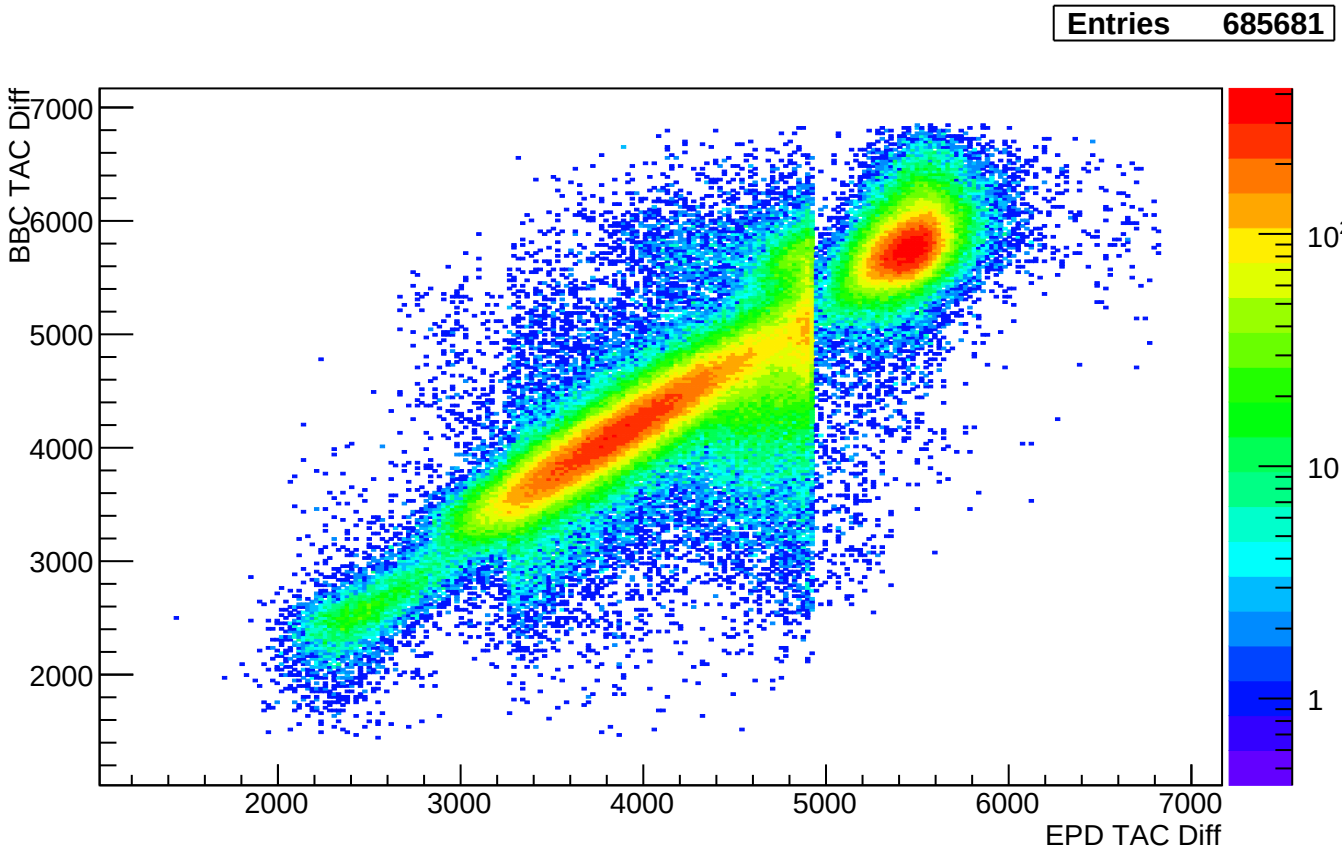

Entries 685681
TOF_Mult
BBC-S-West ADC Sum

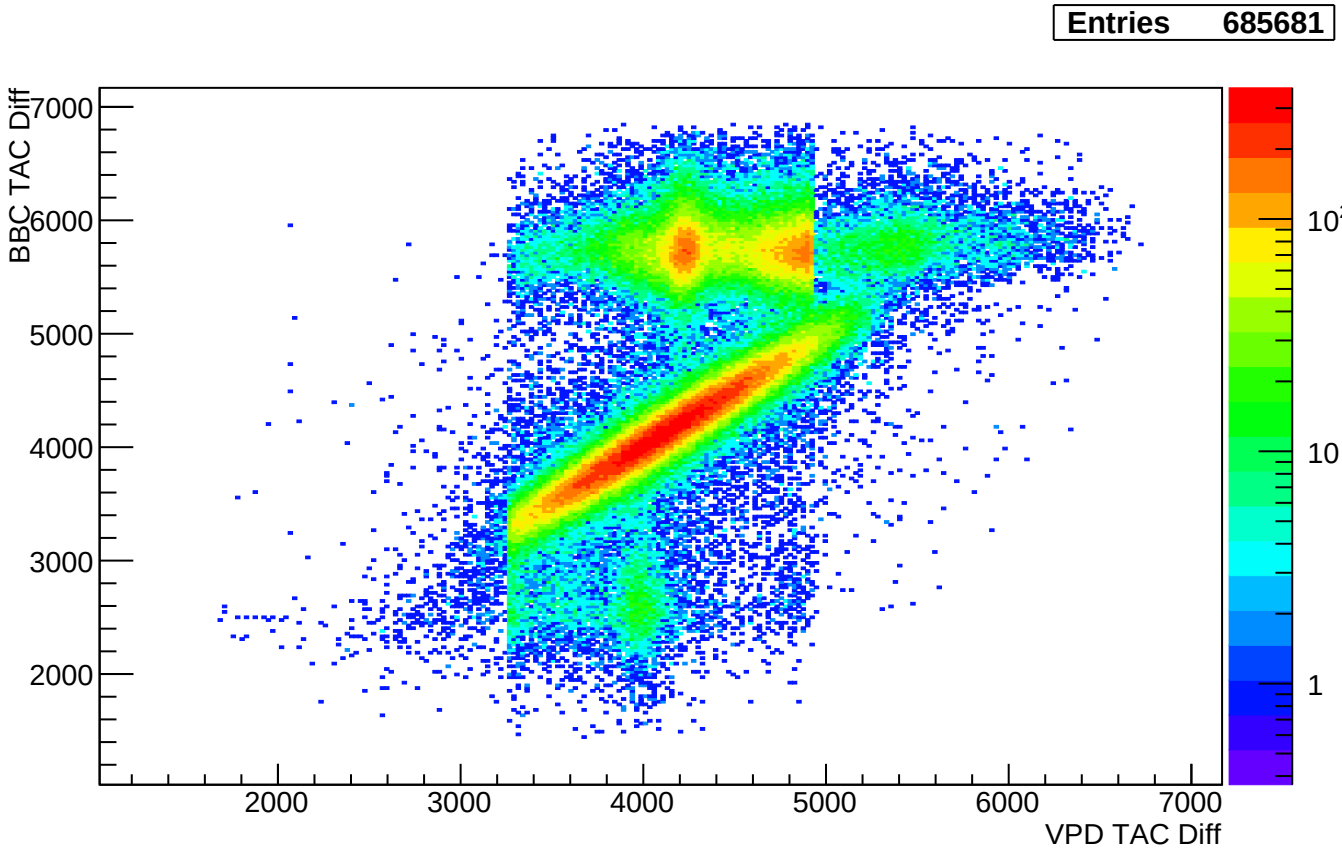

Entries 685681
TOF_Mult
EPD-East Hit Cnt

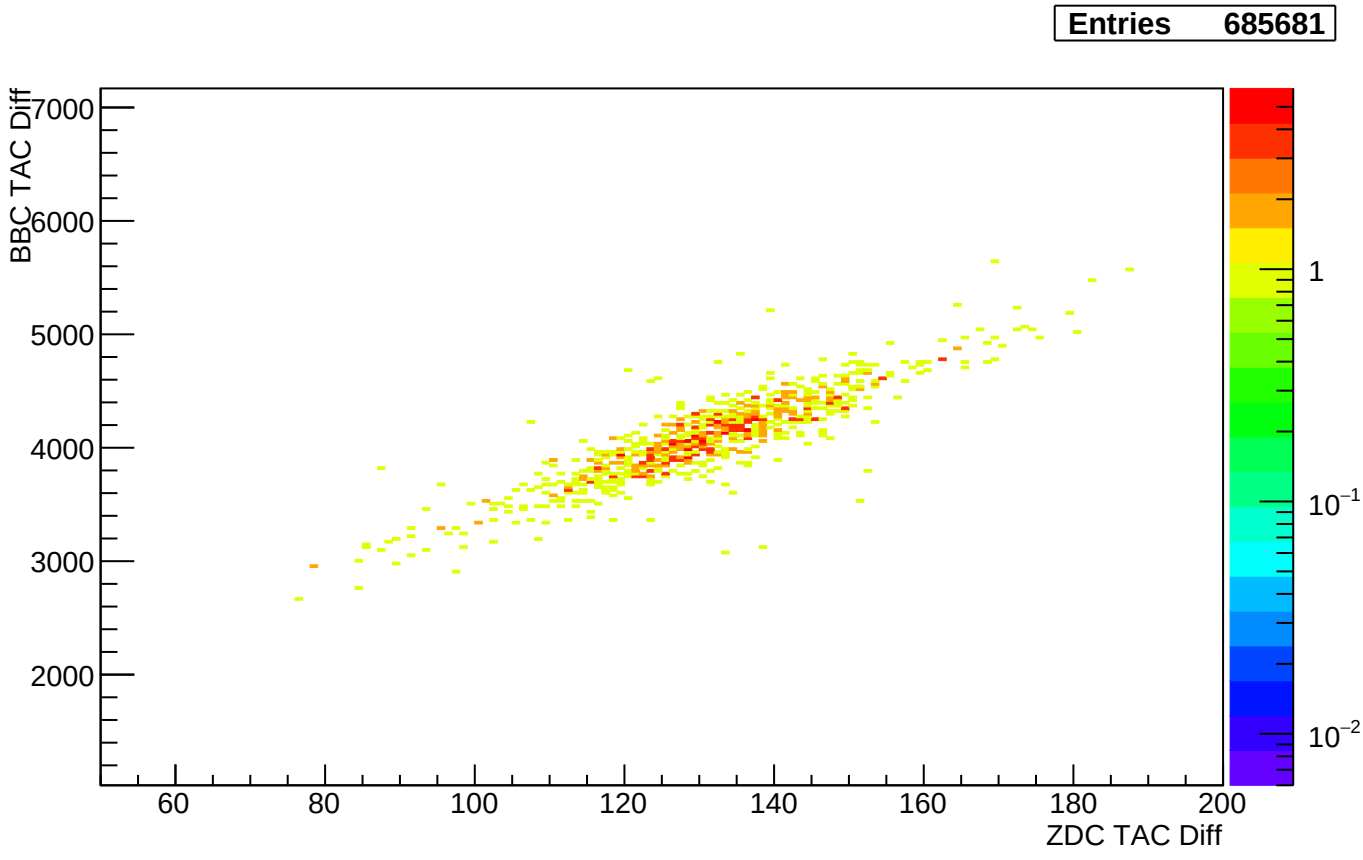

Entries 685681
TOF_Mult
EPD-West Hit Cnt

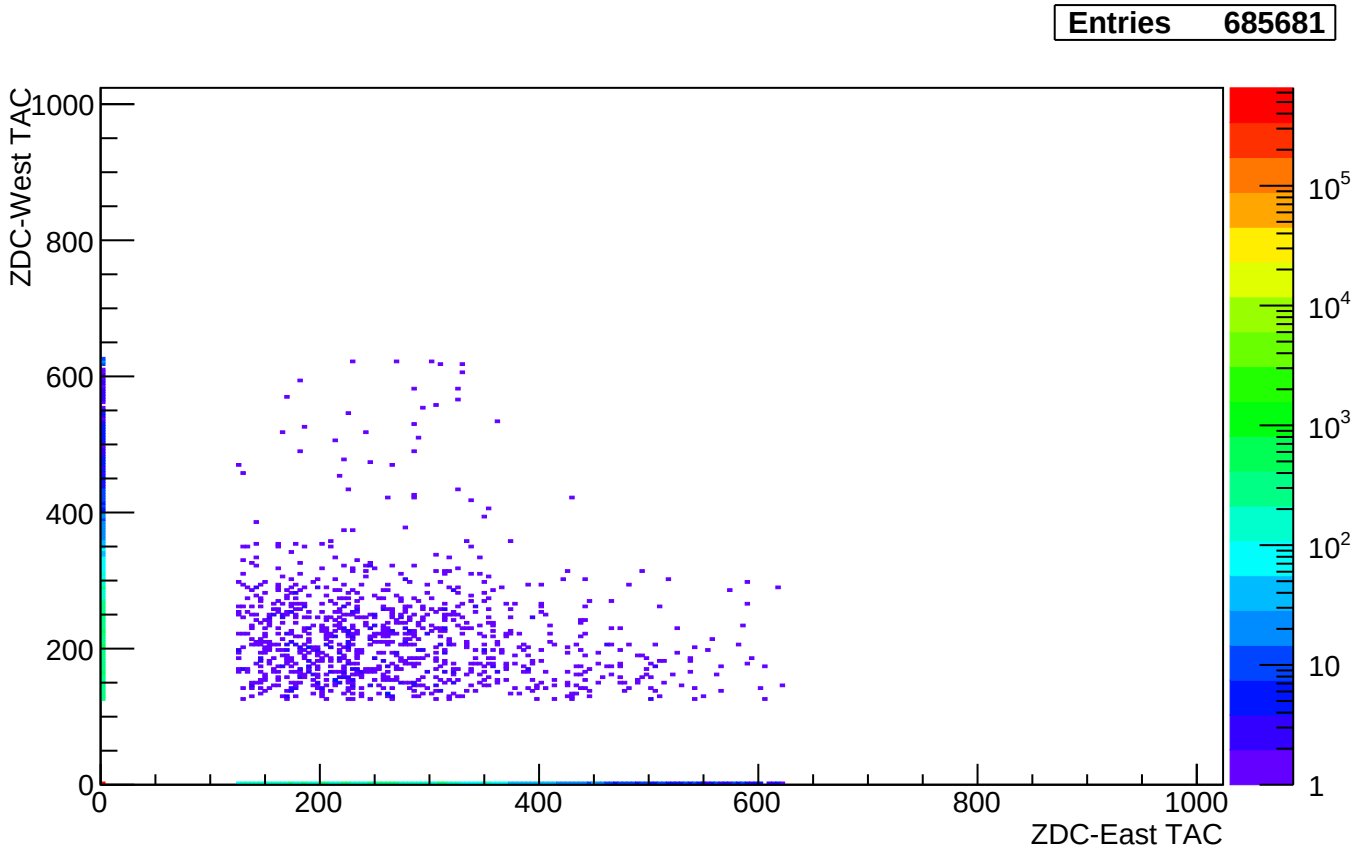

Entries 685681
TOF_Mult
VPD-East ADC Sum

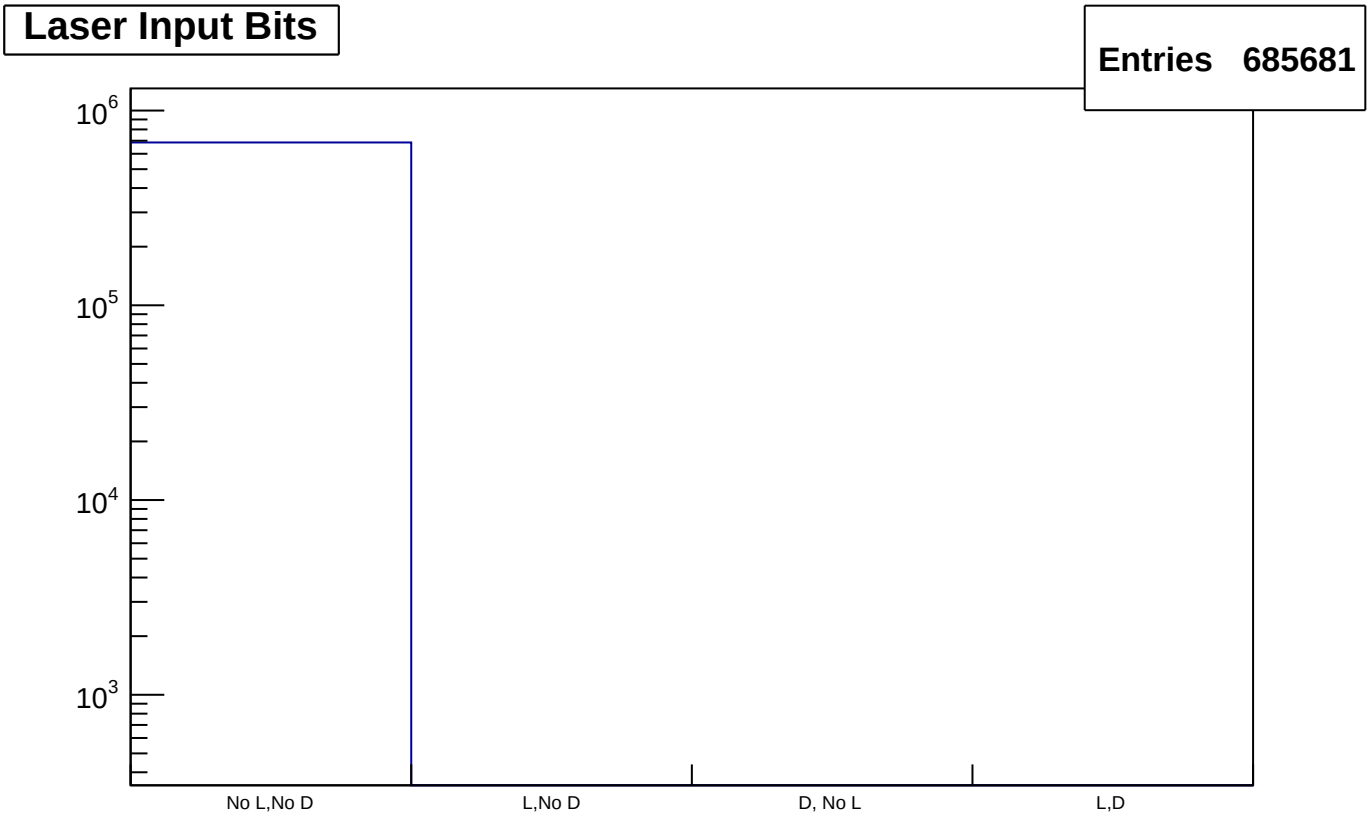

Entries 685681
TOF_Mult
VPD-West ADC Sum

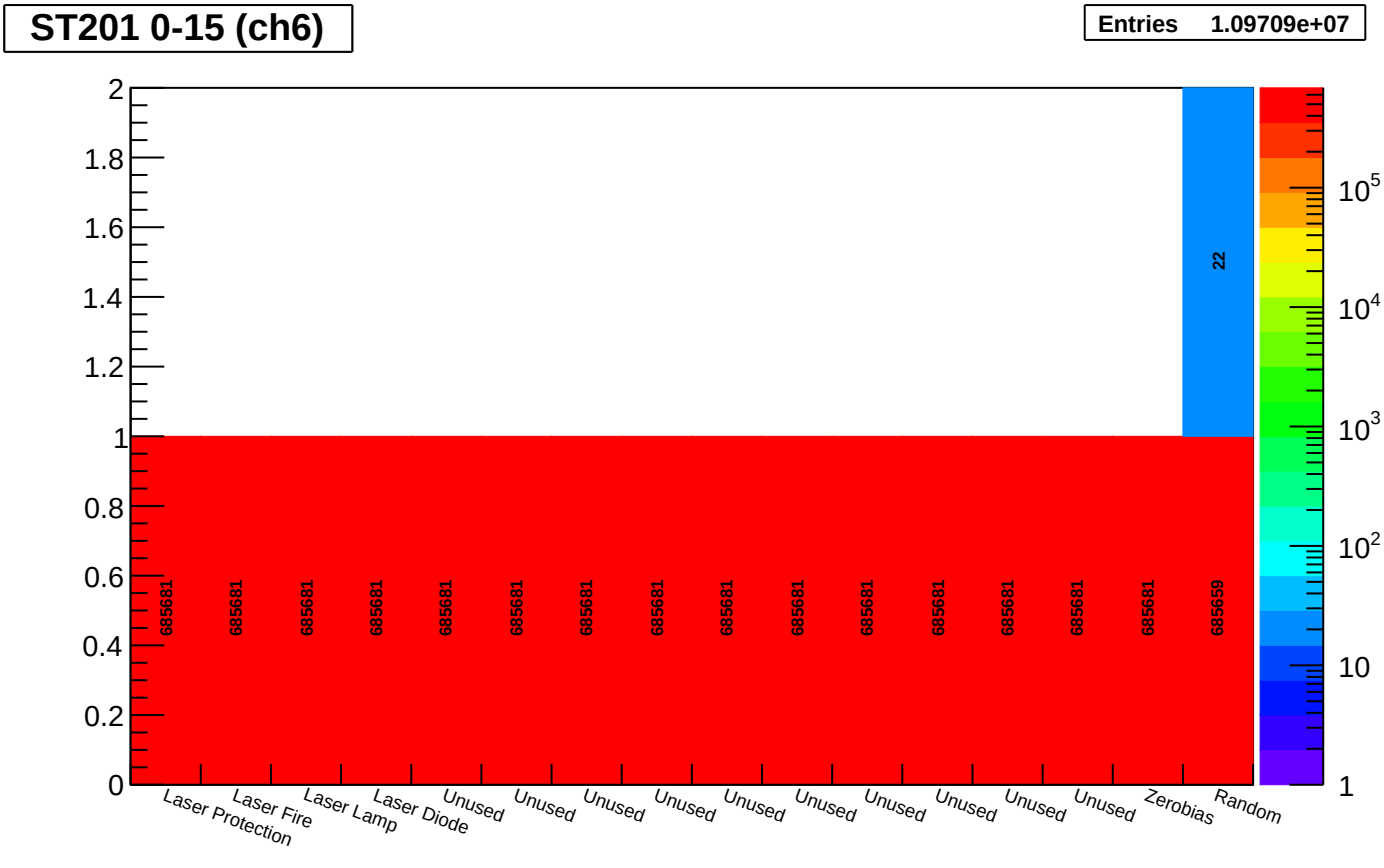

Entries 685681
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

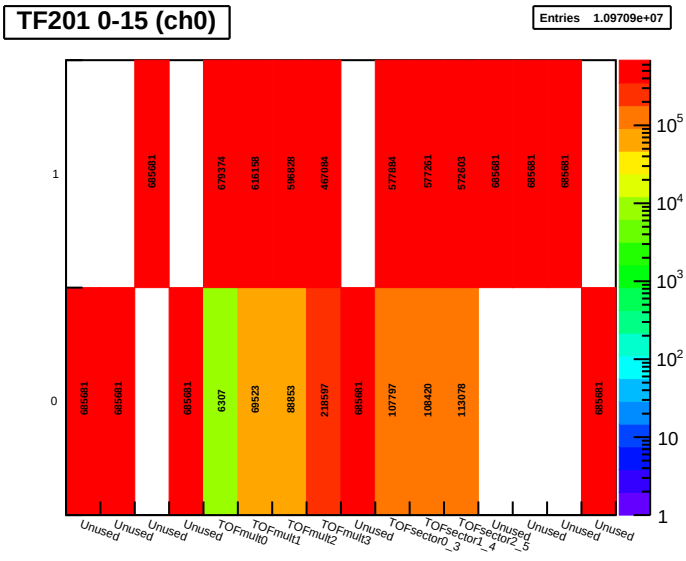

Entries 685681
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

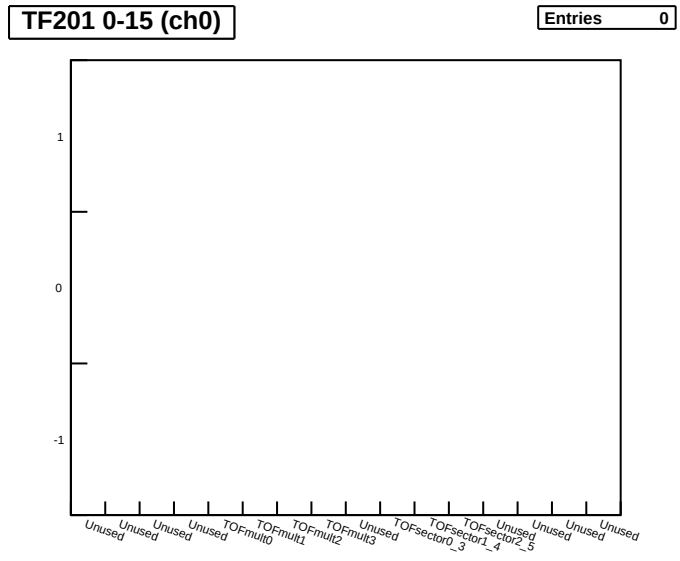

Entries 685681
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

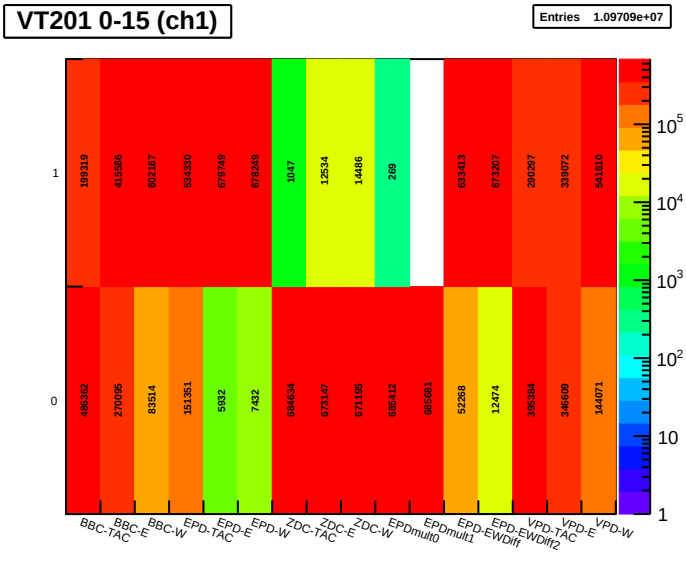

Entries 685681
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

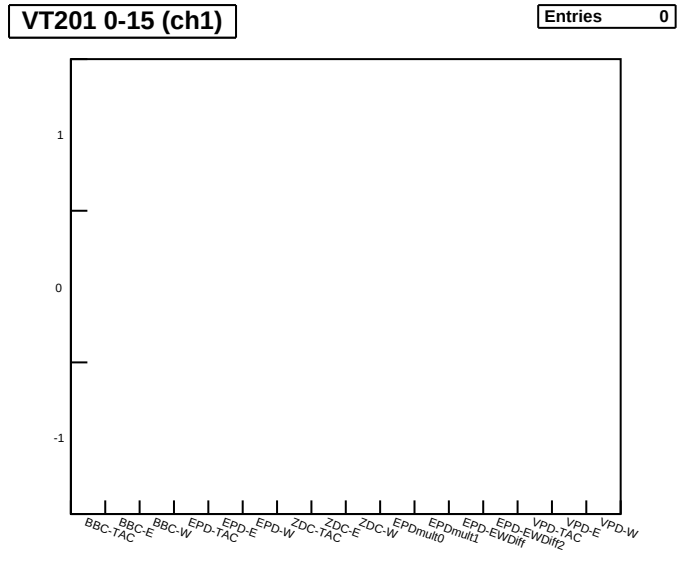

Laser Input Bits
Entries 685681
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

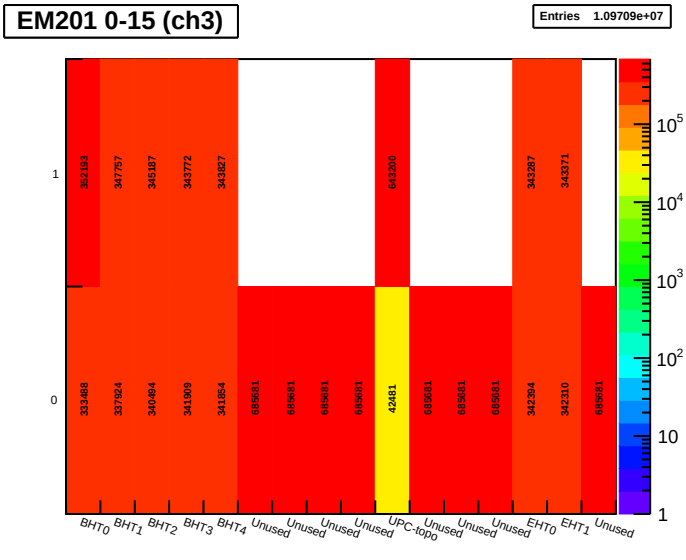

ST201 0-15 (ch6)
Entries 1.09709e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
22
685681
685659
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

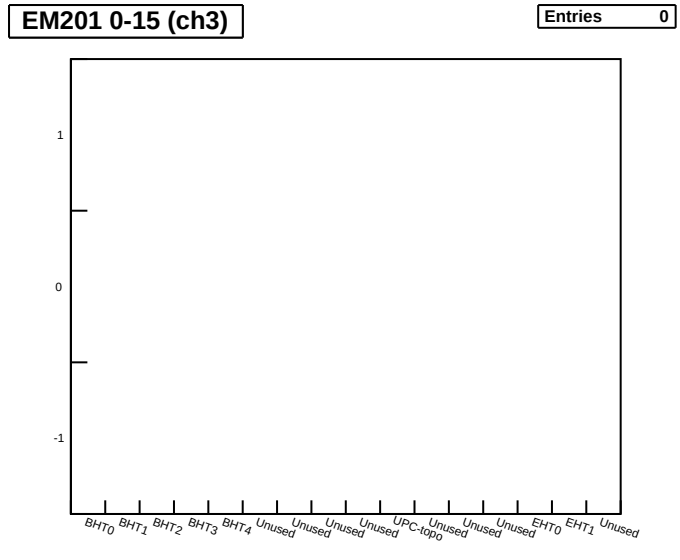

TF201 0-15 (ch0)
Entries 1.09709e+07
1
0
685681
670374
616158
586828
467084
577884
577261
572603
695681
685681
685681
685681
685681
685681
6307
69523
88953
218597
107797
108420
113078
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 1.09709e+07
1
0
199319
415586
602167
534330
679749
678249
1047
12534
14486
269
633413
673207
290257
339072
541610
486362
270095
83514
151351
5932
7432
684634
673147
671195
685412
685681
52268
12474
395384
346609
144071
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 1.09709e+07
1
0
352193
347757
345187
343772
343827
643200
343287
343371
333488
337924
340494
341909
341854
685681
685681
685681
685681
42481
685681
685681
685681
342394
342310
685681
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1