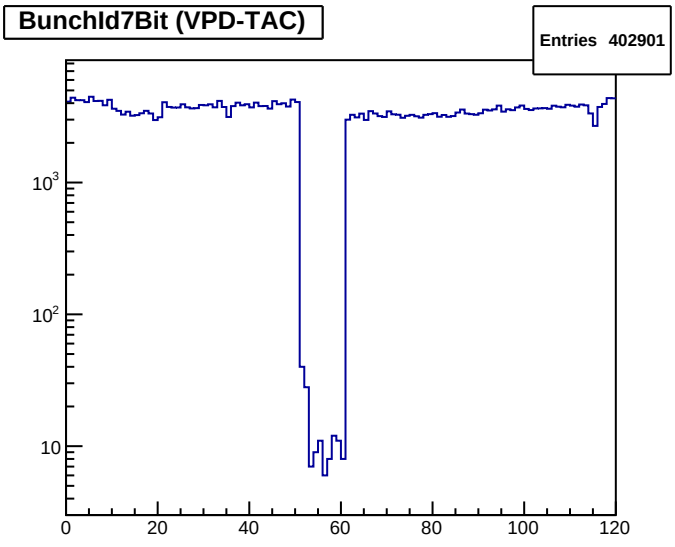
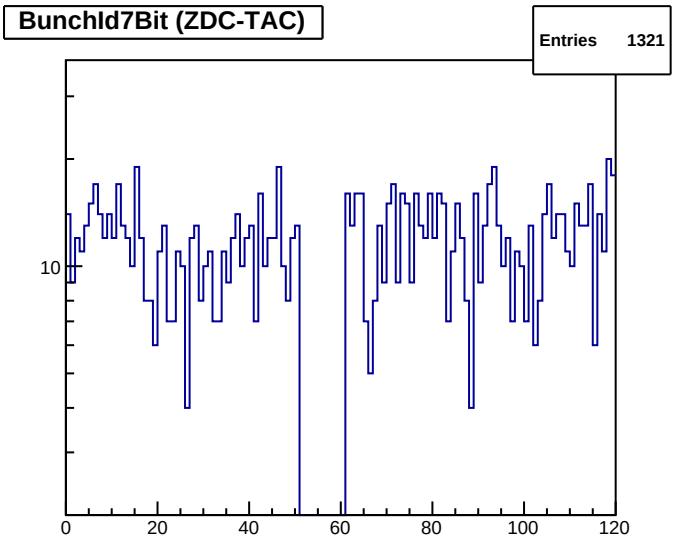
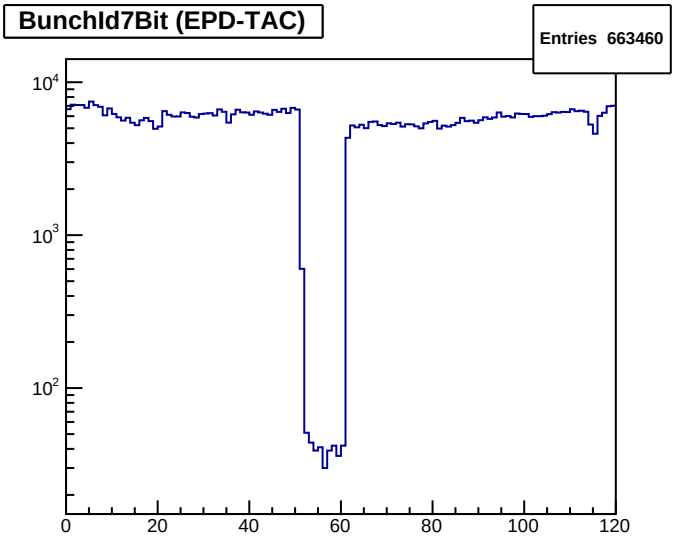
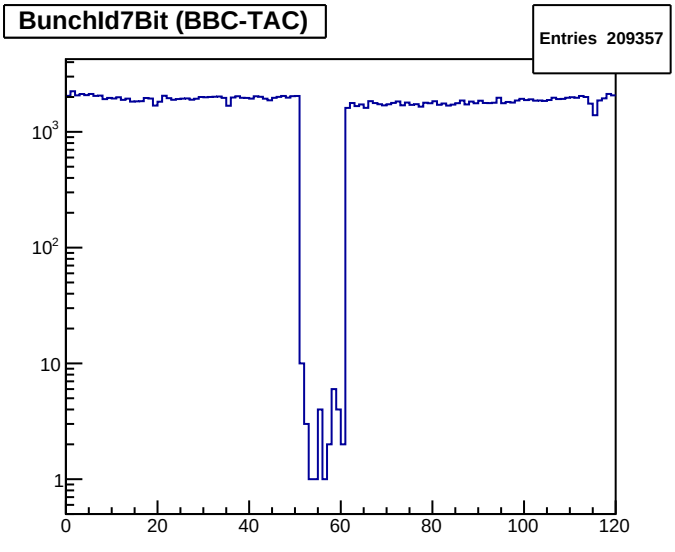
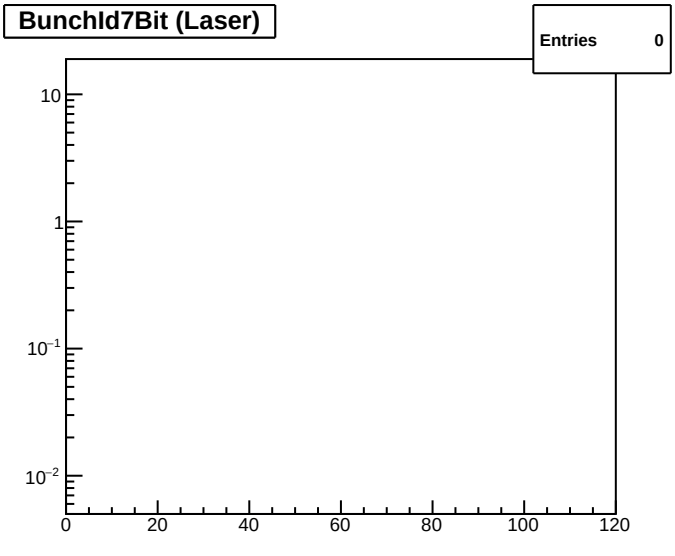
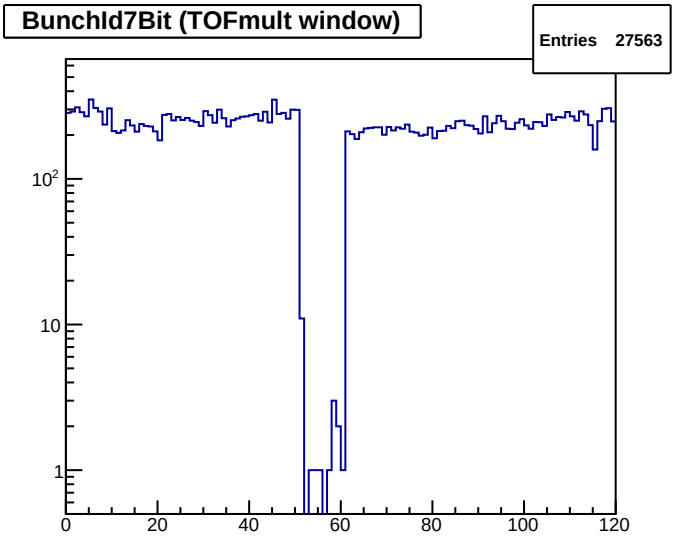

BunchId7Bit (VPD-TAC)
Entries 402901

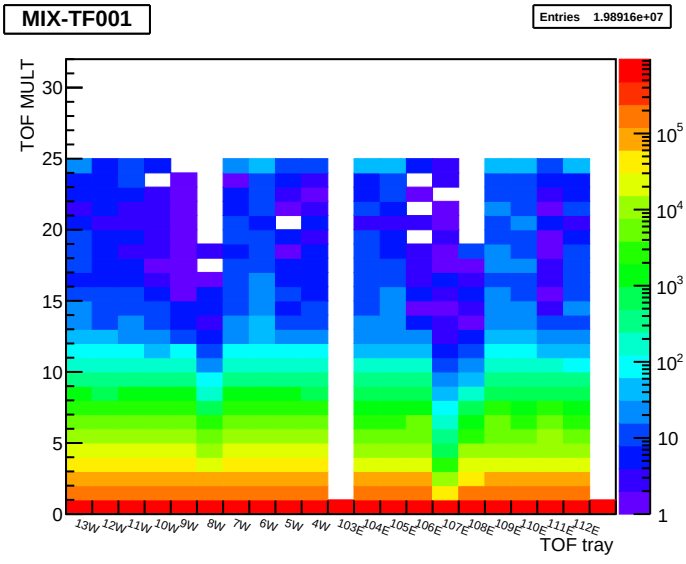

BunchId7Bit (ZDC-TAC)
Entries 1321

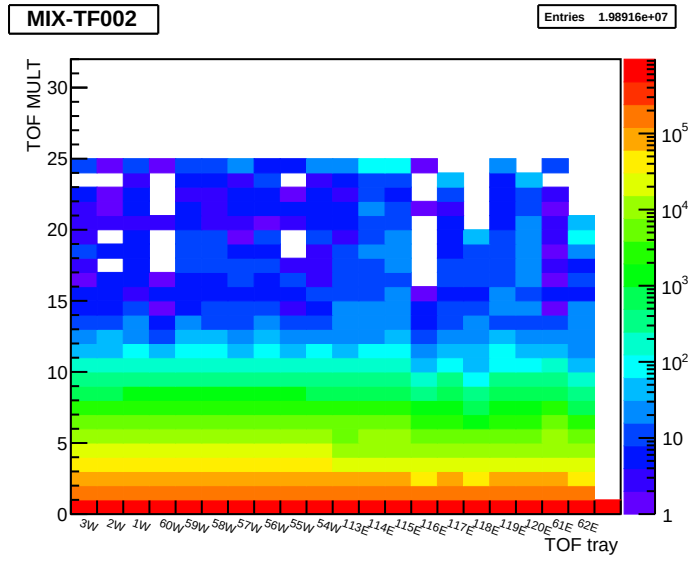

BunchId7Bit (EPD-TAC)
Entries 663460

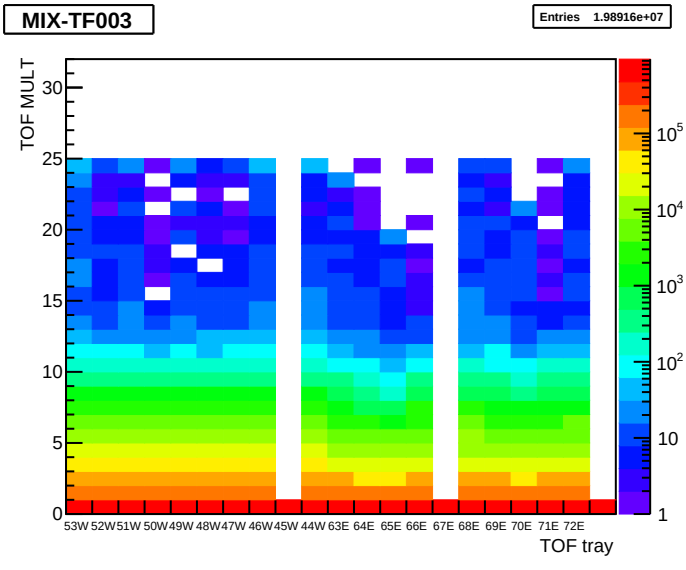

BunchId7Bit (BBC-TAC)
Entries 209357

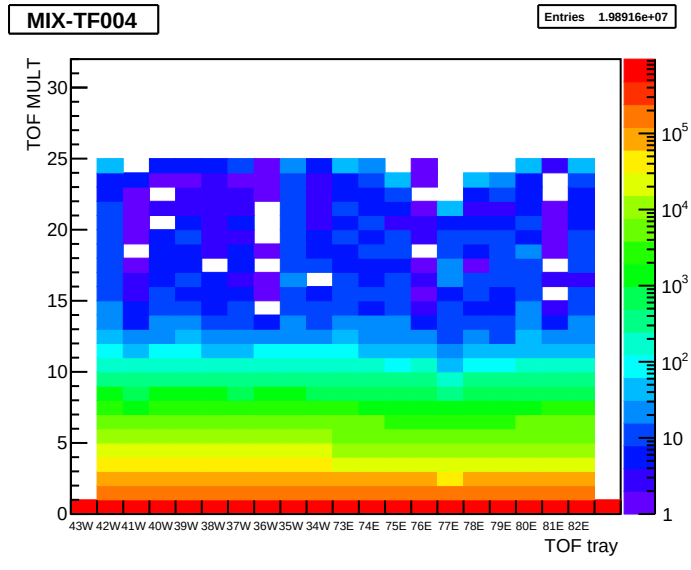

BunchId7Bit (Laser)
Entries 0

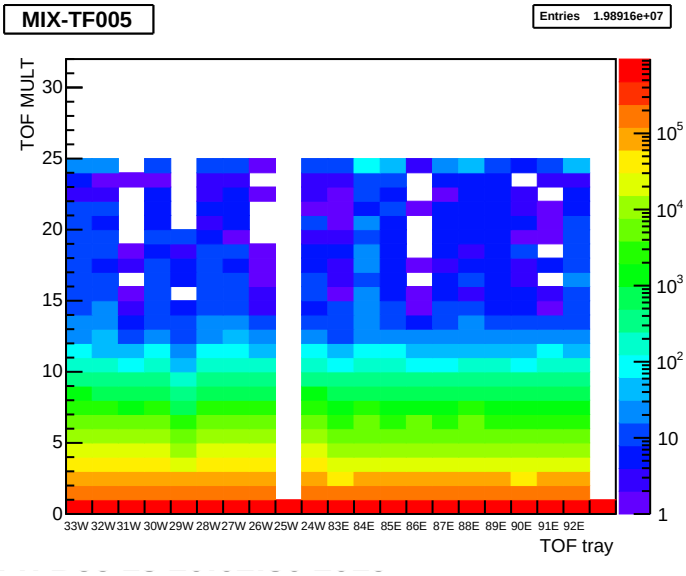

BunchId7Bit (TOFmult window)
Entries 27563

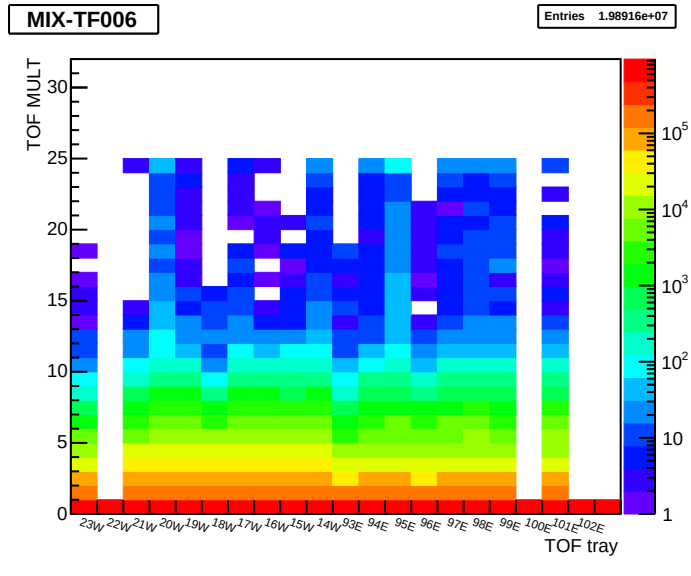

MIX-TF001
Entries 1.98916e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

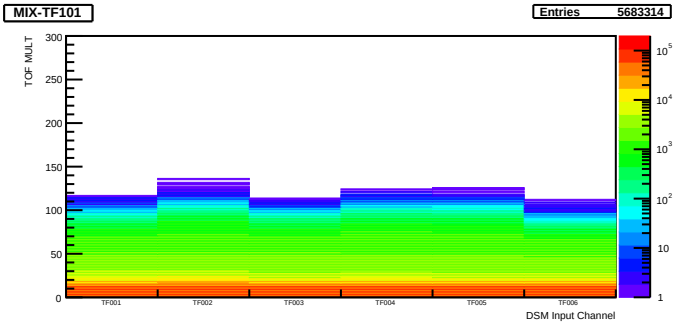

MIX-TF002
Entries 1.98916e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

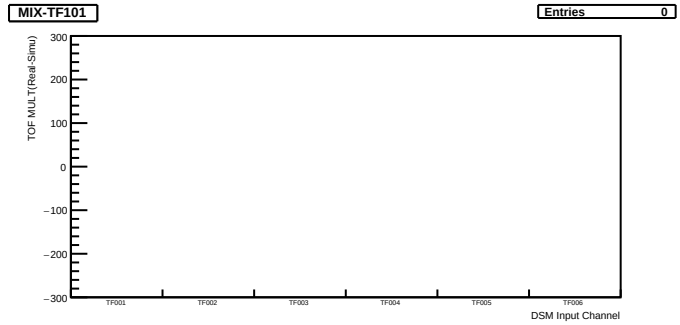

MIX-TF003
Entries 1.98916e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

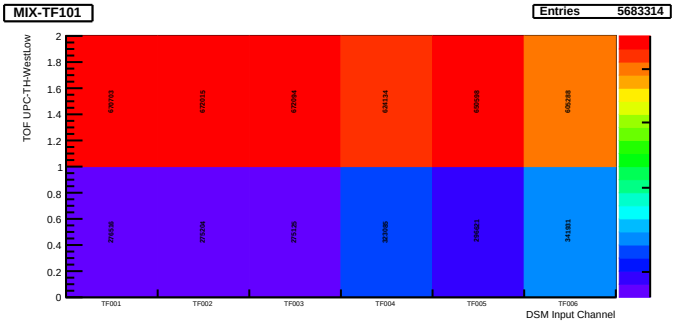

MIX-TF004
Entries 1.98916e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

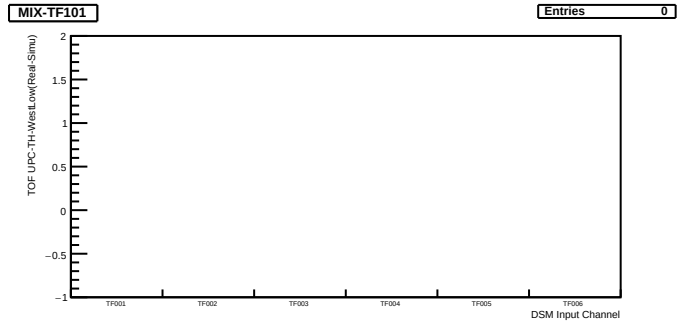

MIX-TF005
Entries 1.98916e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

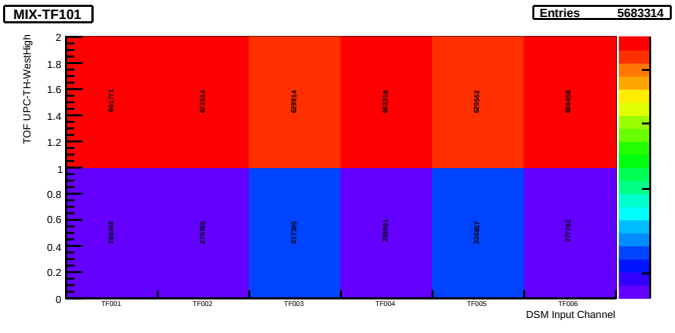

MIX-TF006
Entries 1.98916e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

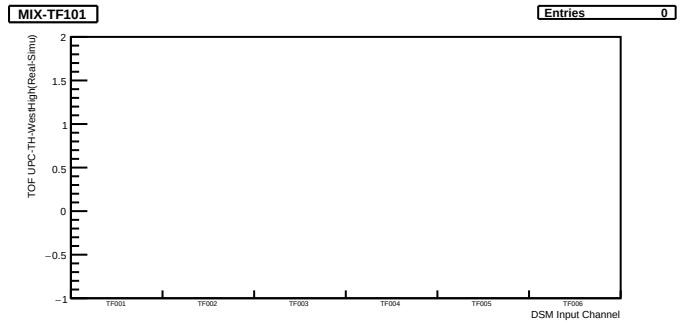

MIX-TF101
Entries 5683314
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

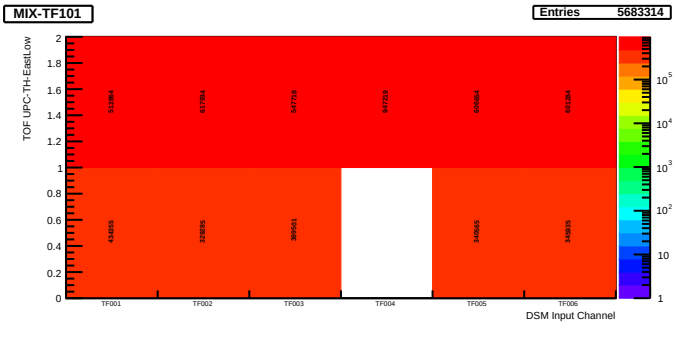

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

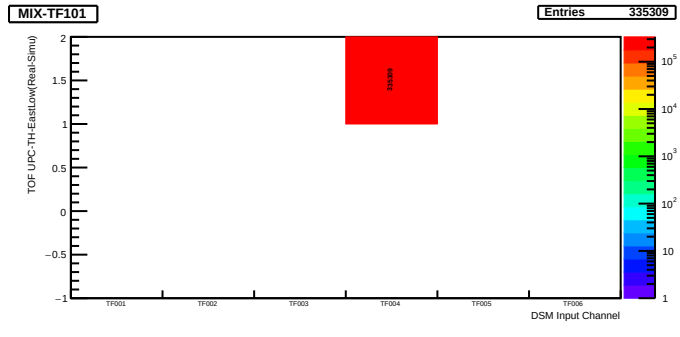

MIX-TF101
Entries 5683314
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

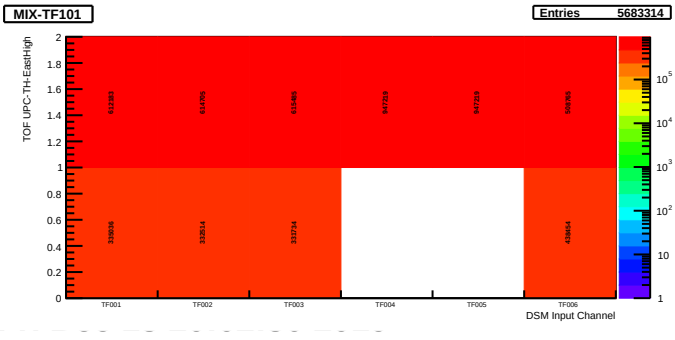

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

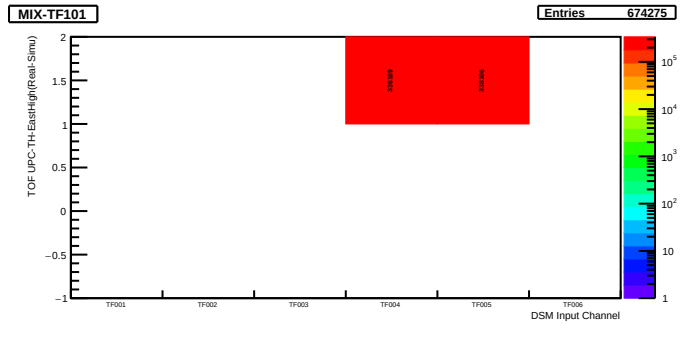

MIX-TF101
Entries 5683314
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

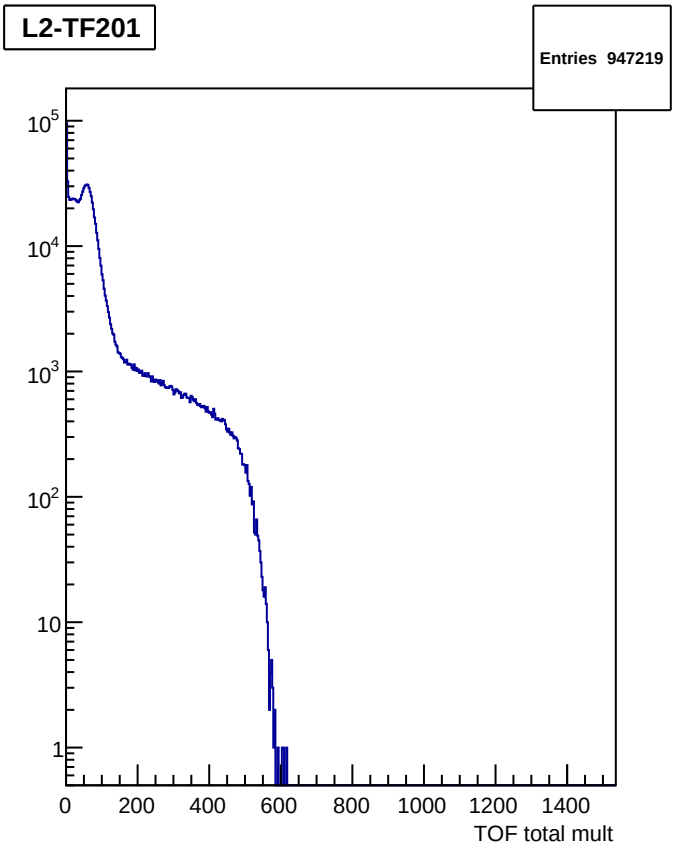

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

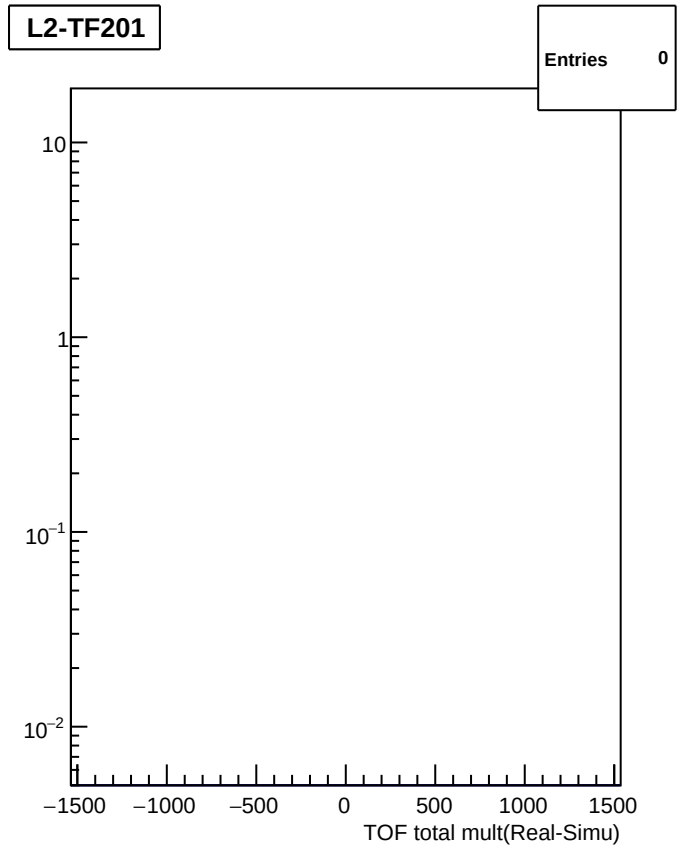

MIX-TF101
Entries 5683314
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

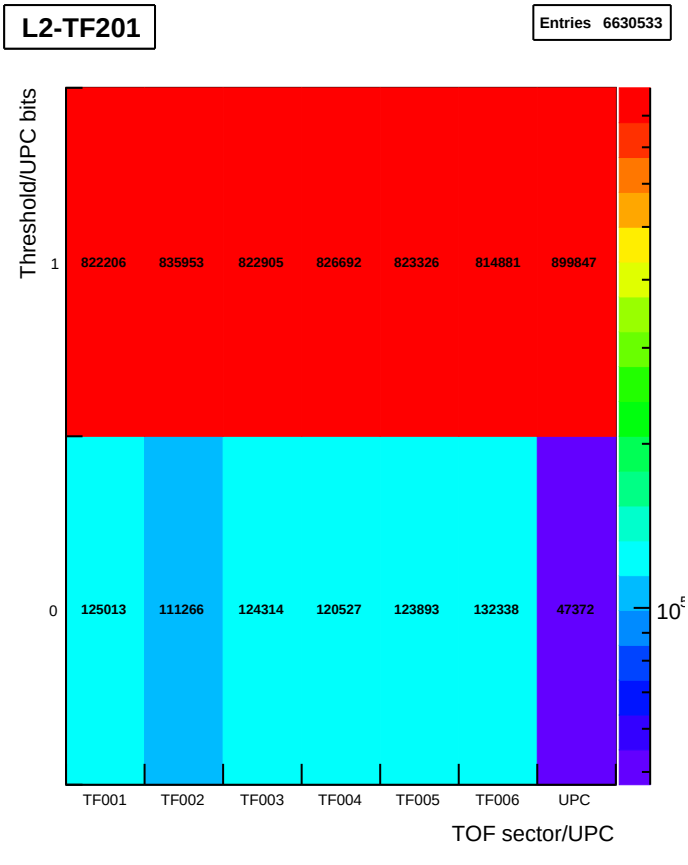

MIX-TF101
Entries 335309
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

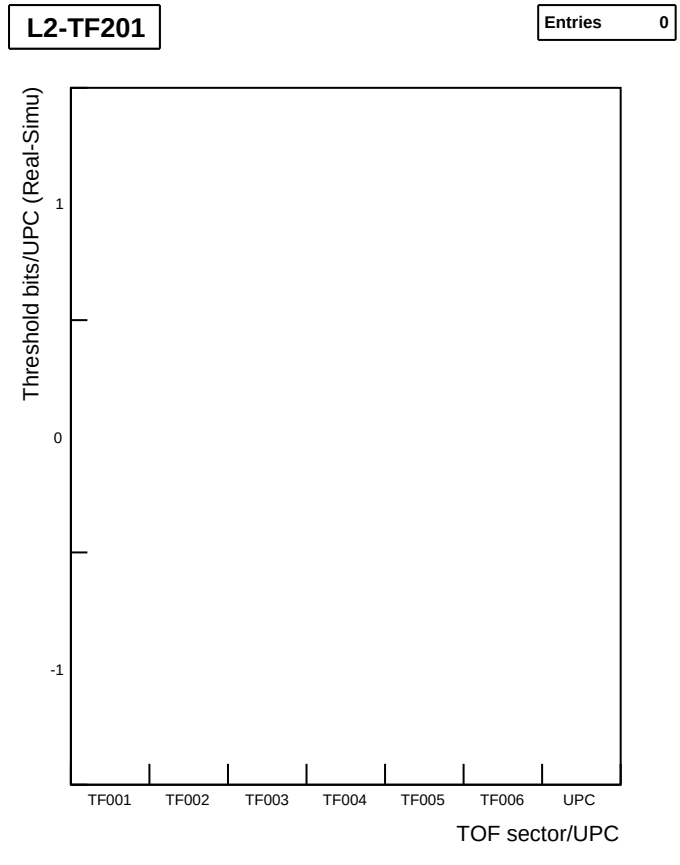

MIX-TF101
Entries 5683314
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

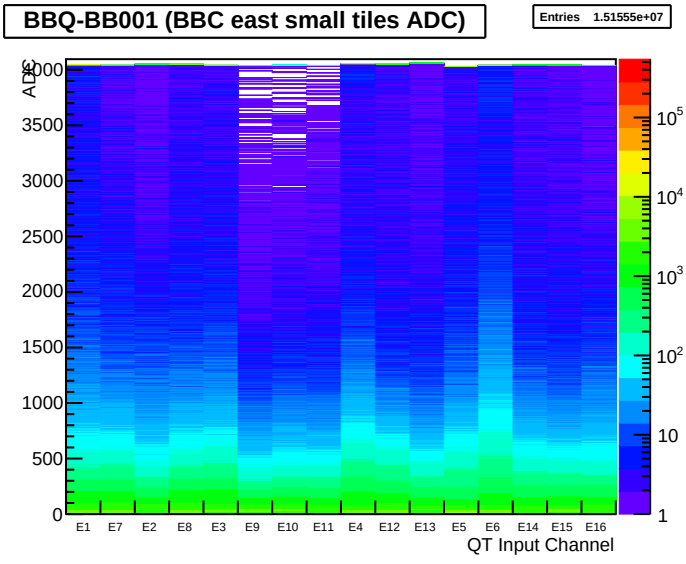

MIX-TF101
Entries 674275
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

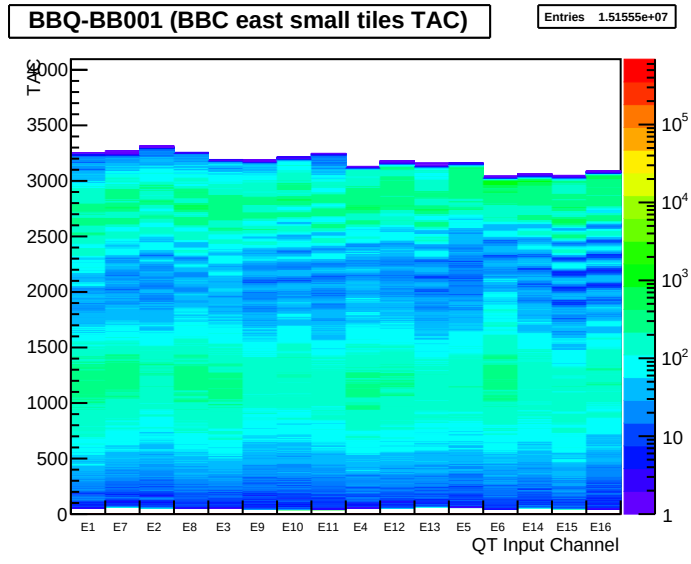

L2-TF201
Entries 947219
TOF total mult

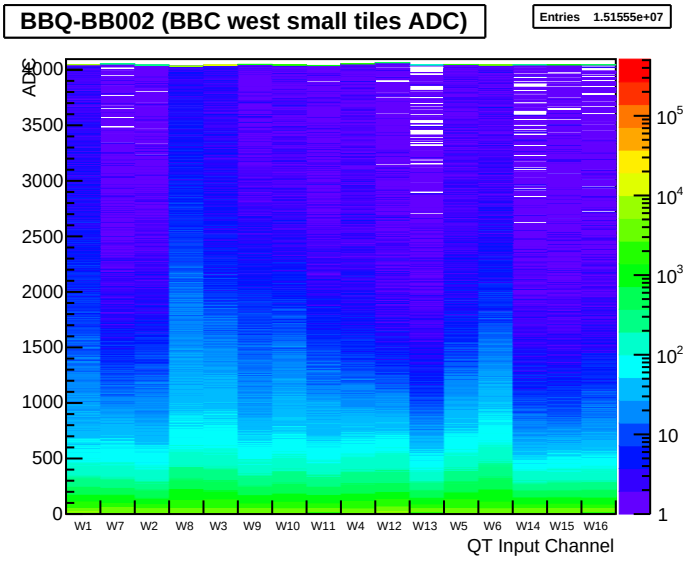

L2-TF201
Entries 0
TOF total mult(Real-Simu)

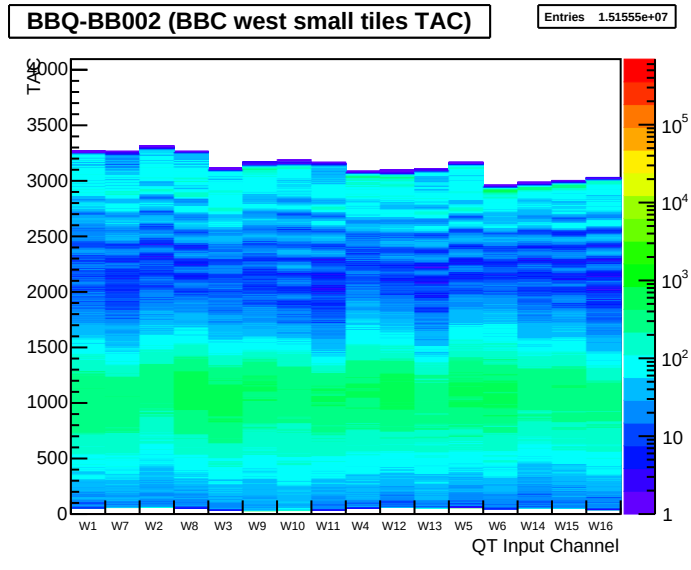

L2-TF201
Entries 6630533
Threshold/UPC bits
822206
835953
822905
826692
823326
814881
899847
125013
111266
124314
120527
123893
132338
47372
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

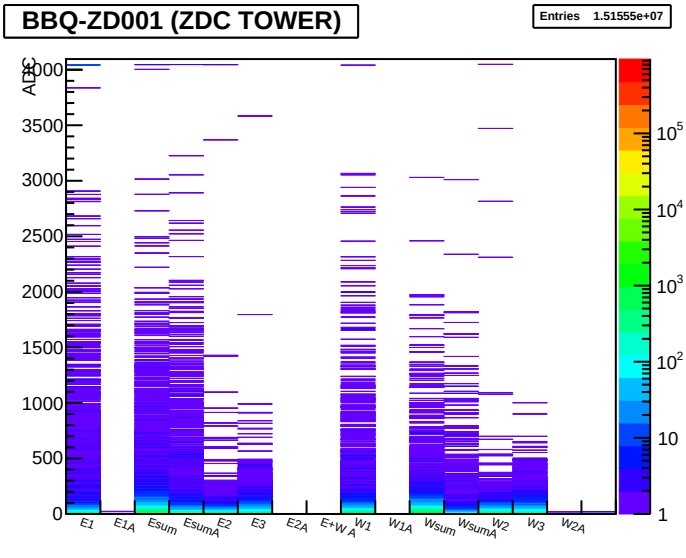

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

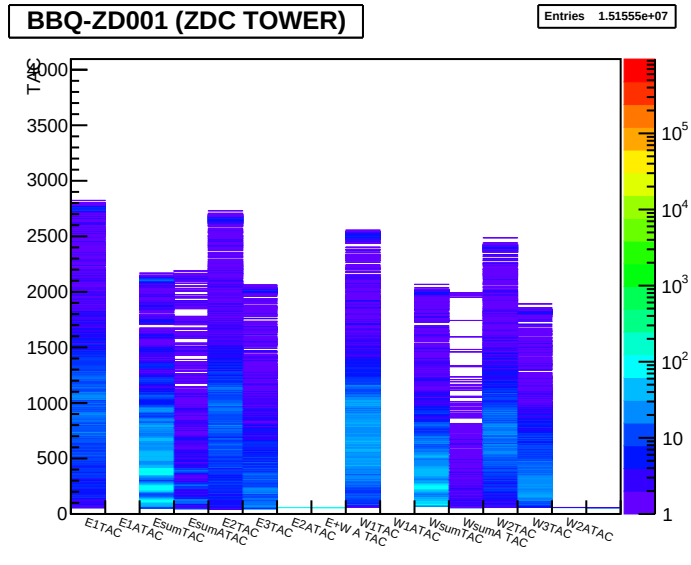

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.51555e+07
ADC
QT Input Channel

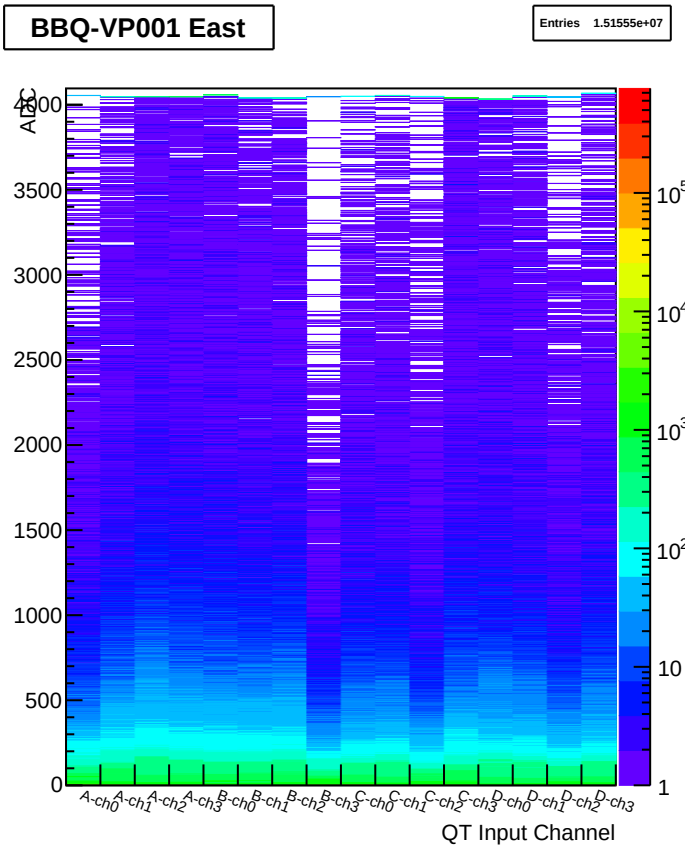

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.51555e+07
TAC
QT Input Channel

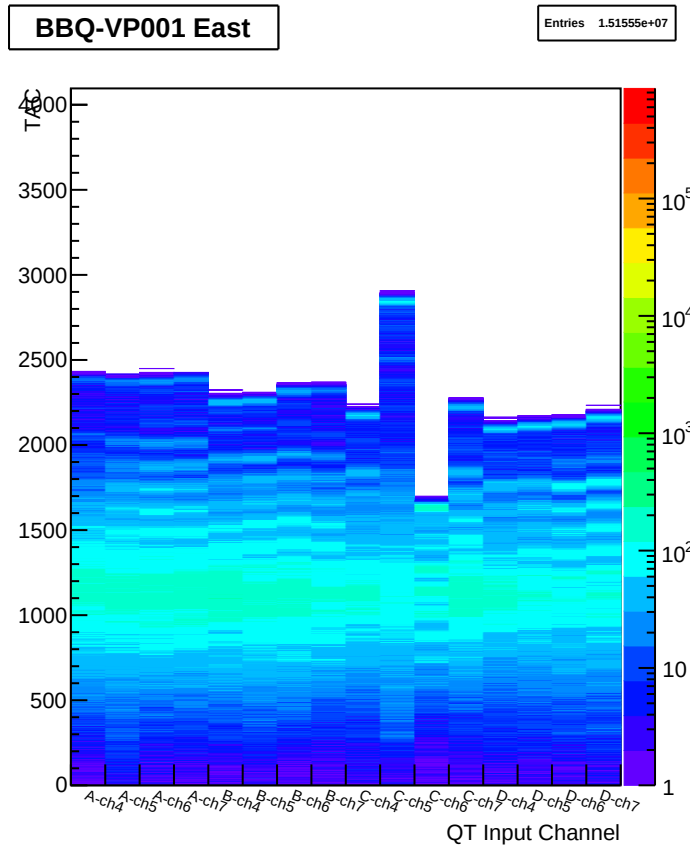

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.51555e+07
ADC
QT Input Channel

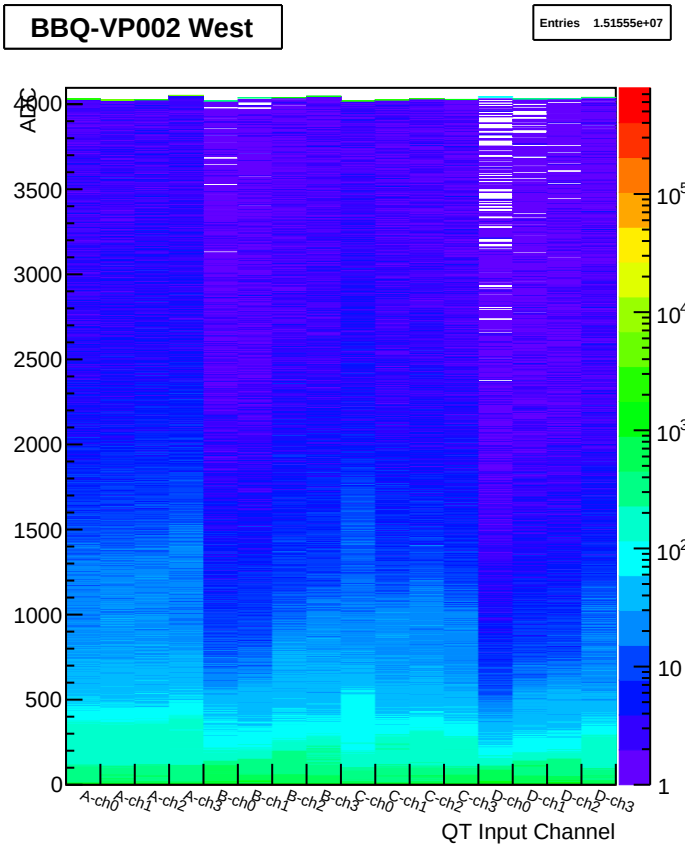

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.51555e+07
TAC
QT Input Channel

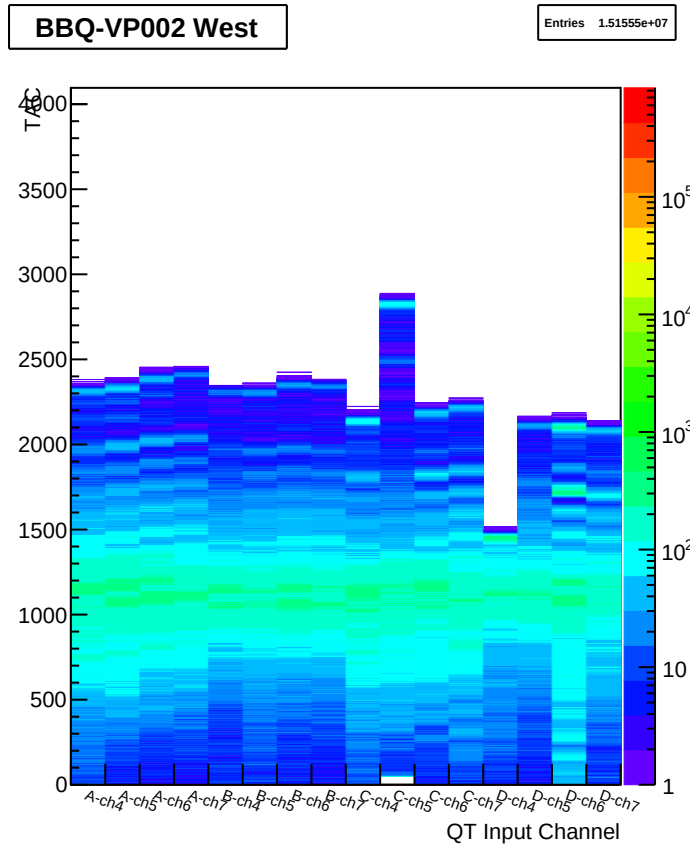

BBQ-ZD001 (ZDC TOWER)
Entries 1.51555e+07
ADC

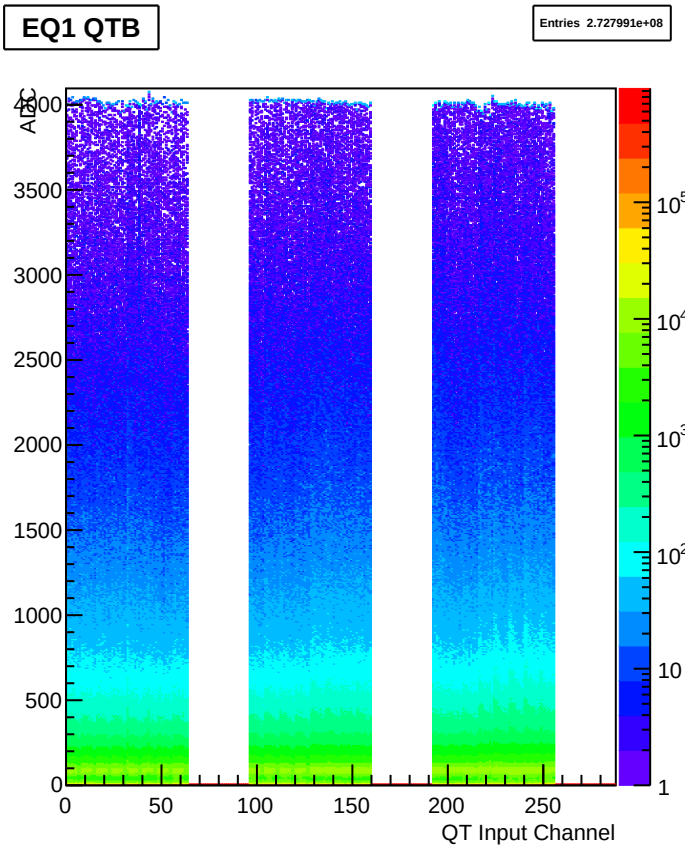

BBQ-ZD001 (ZDC TOWER)
Entries 1.51555e+07
TAC

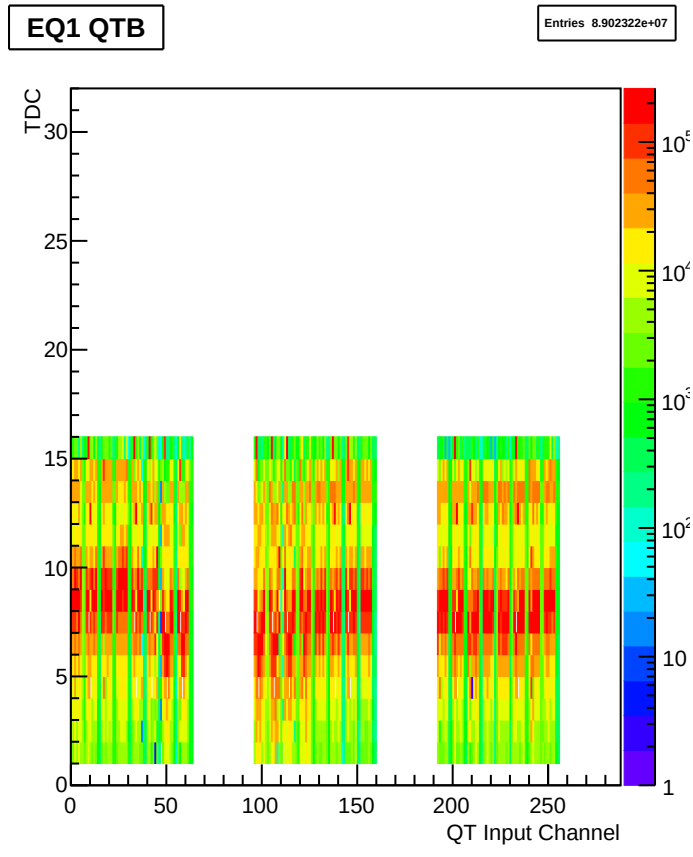

BBQ-VP001 East
Entries 1.51555e+07
ADC
QT Input Channel

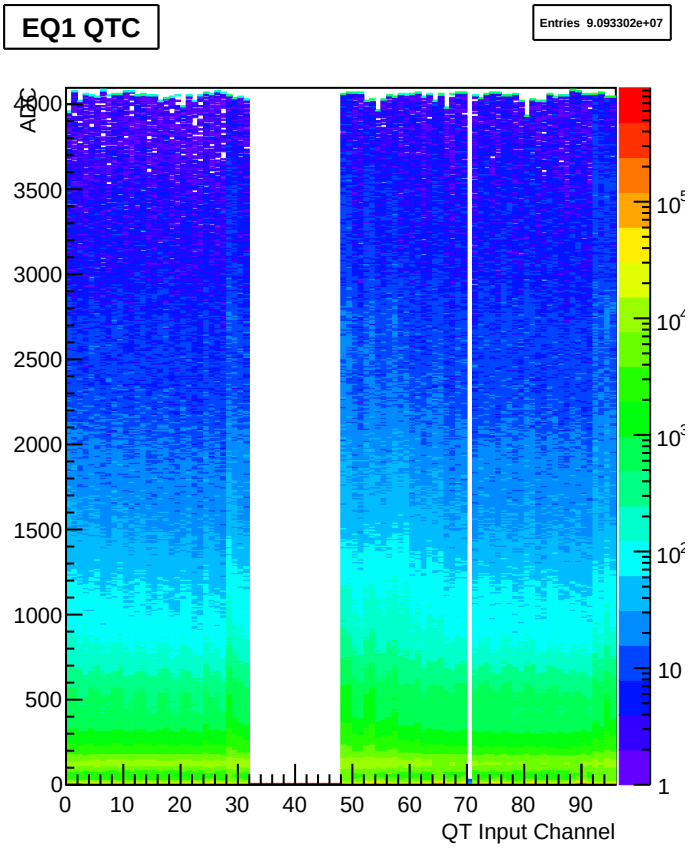

BBQ-VP001 East
Entries 1.51555e+07
TADC
QT Input Channel

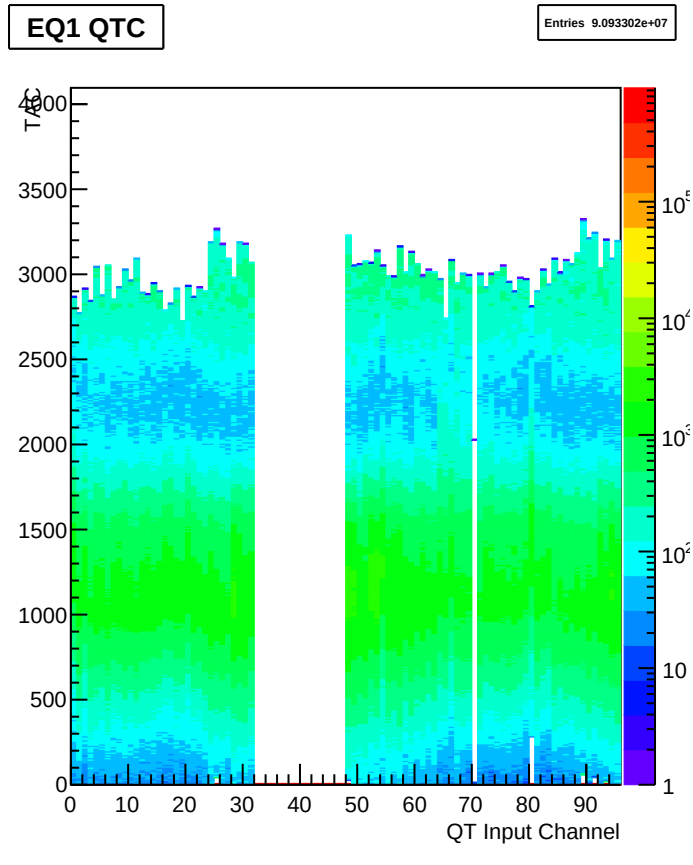

BBQ-VP002 West
Entries 1.51555e+07
ADC
QT Input Channel

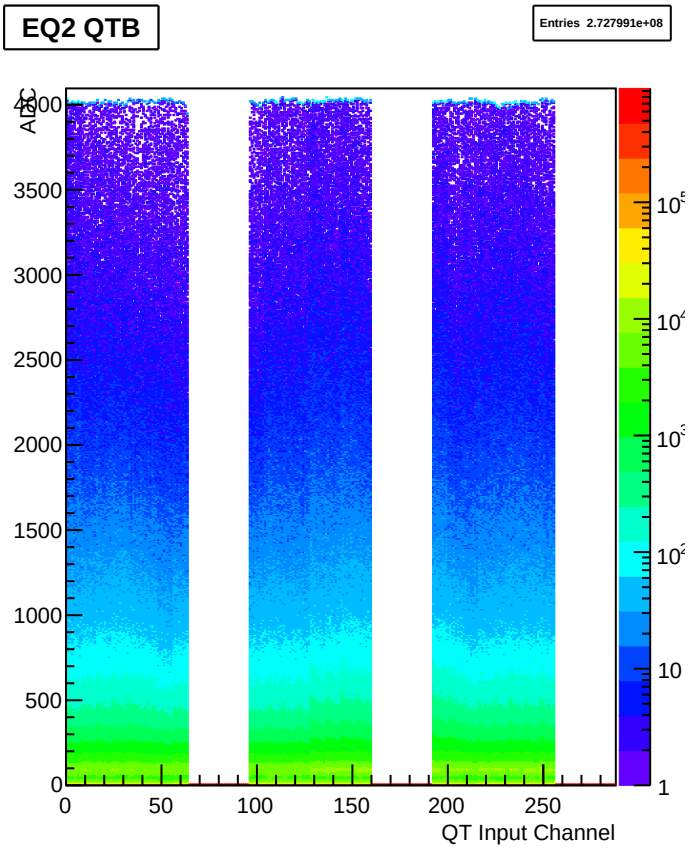

BBQ-VP002 West
Entries 1.51555e+07
TADC
QT Input Channel

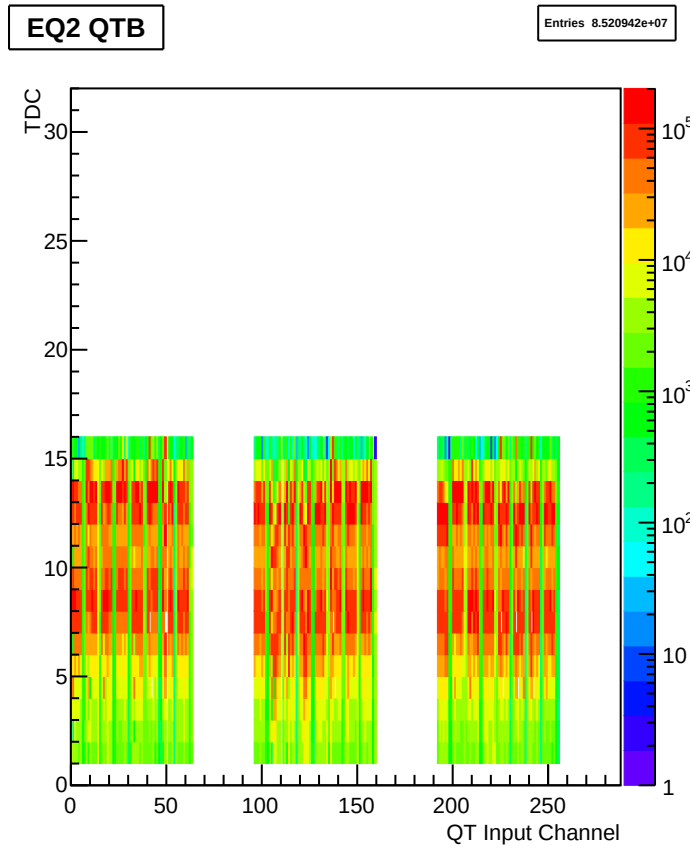

EQ1 QTB
Entries 2.727991e+08
ADC
QT Input Channel

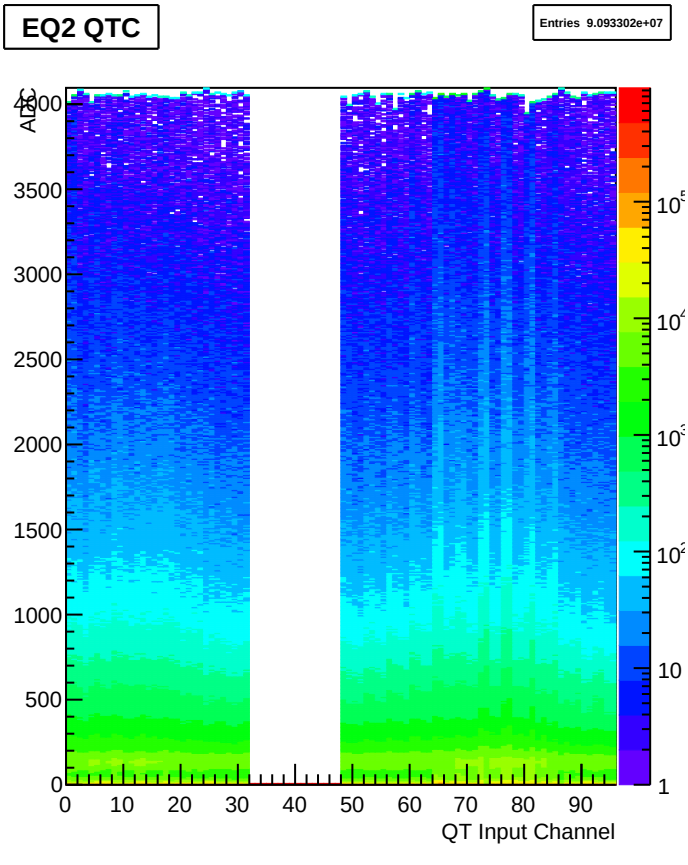

EQ1 QTB
Entries 8.902322e+07
TDC
QT Input Channel

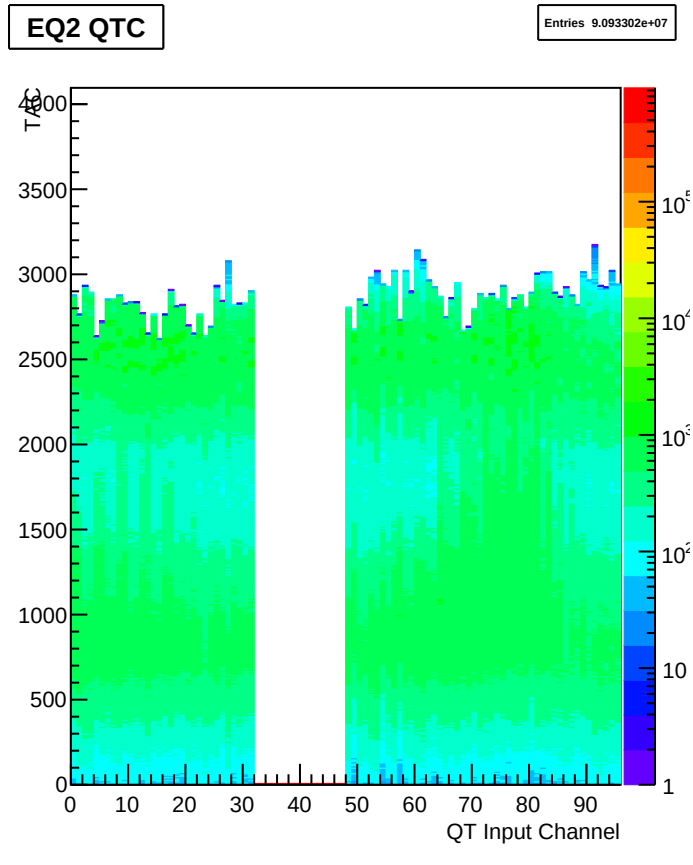

EQ1 QTC
Entries 9.093302e+07
ADC
QT Input Channel

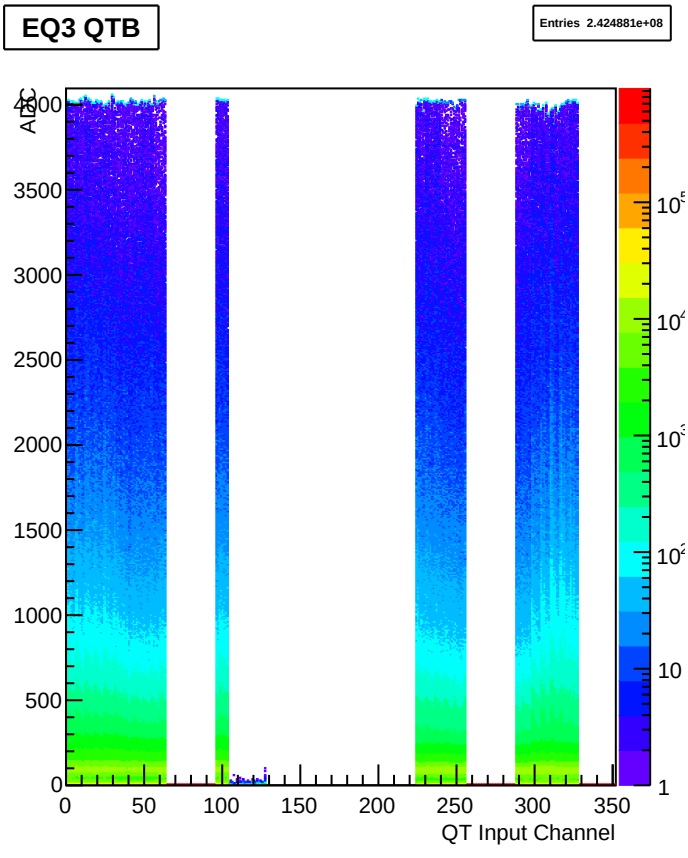

EQ1 QTC
Entries 9.093302e+07
TADC
QT Input Channel

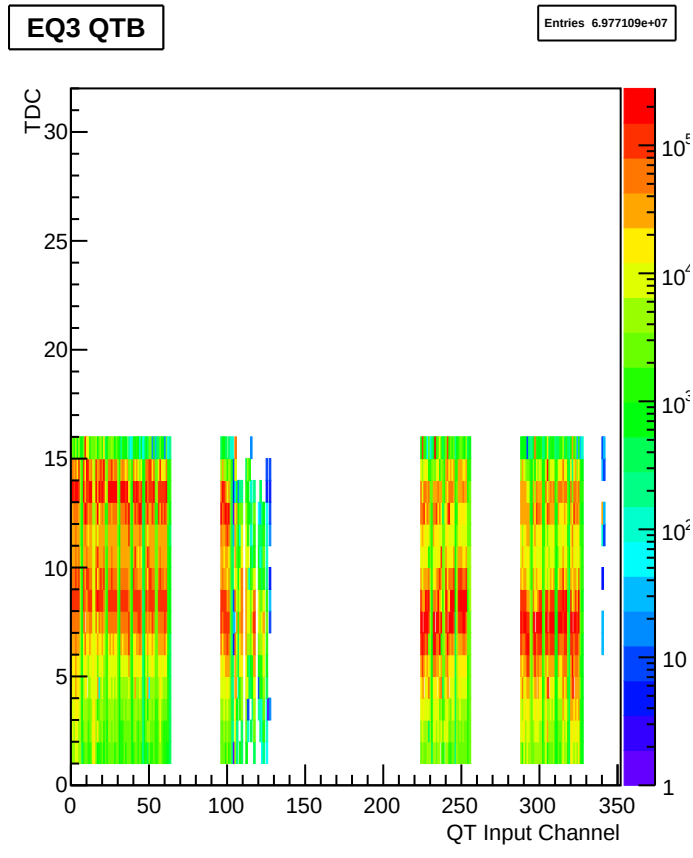

EQ2 QTB
Entries 2.727991e+08
ADC
QT Input Channel

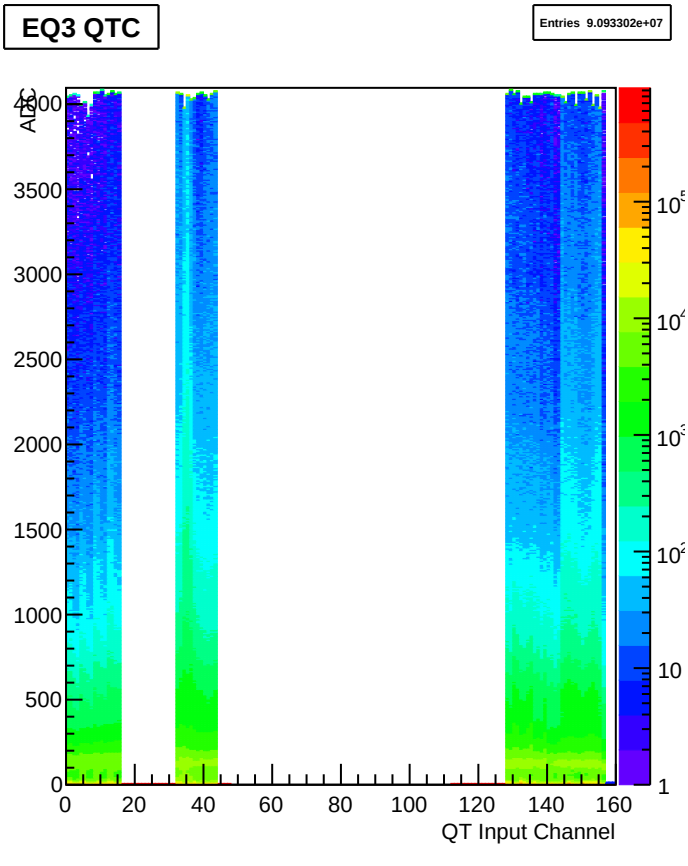

EQ2 QTB
Entries 8.520942e+07
TDC
QT Input Channel

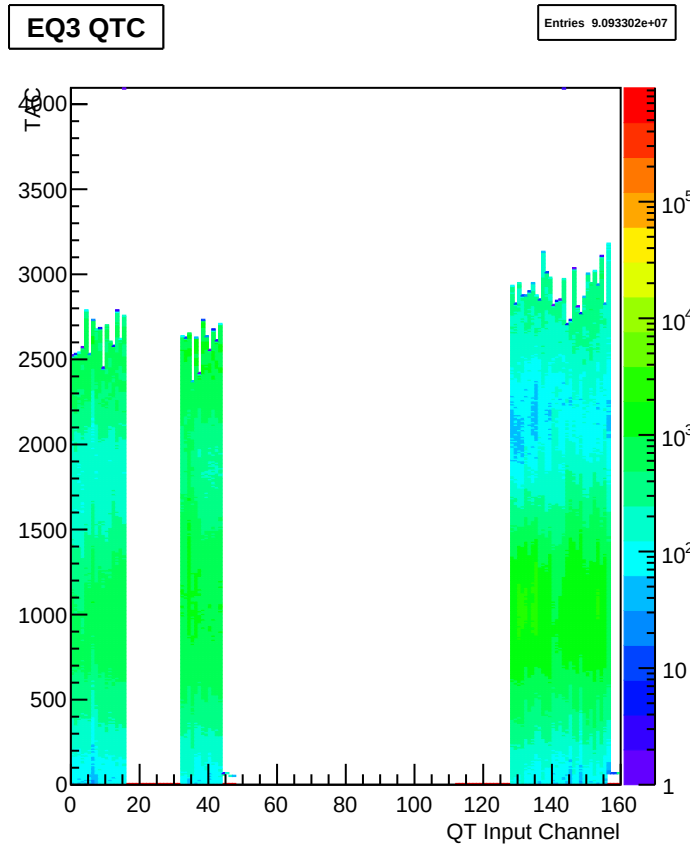

EQ2 QTC
Entries 9.093302e+07
ADC
QT Input Channel

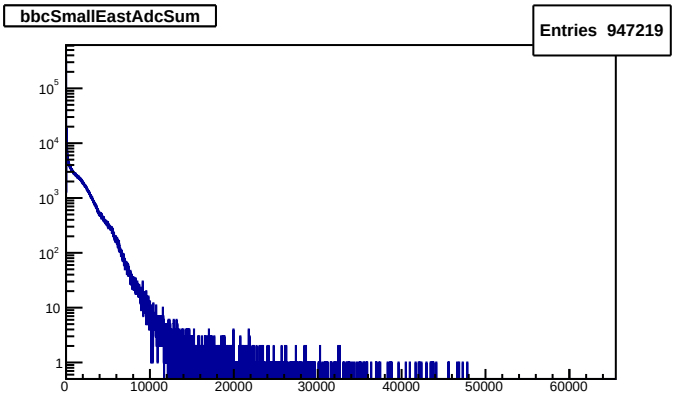

EQ2 QTC
Entries 9.093302e+07
TADC
QT Input Channel

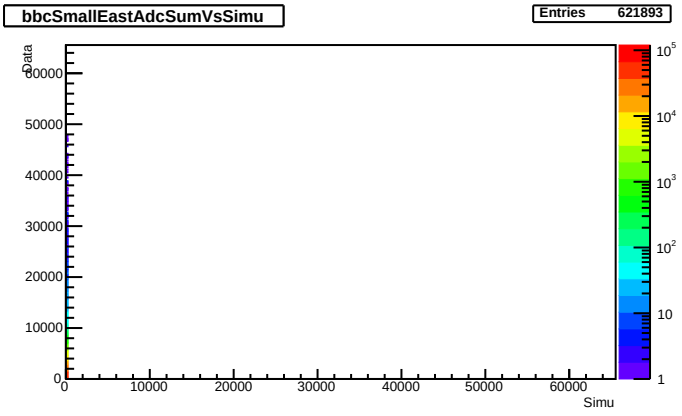

EQ3 QTB
Entries 2.424881e+08
ADC
QT Input Channel

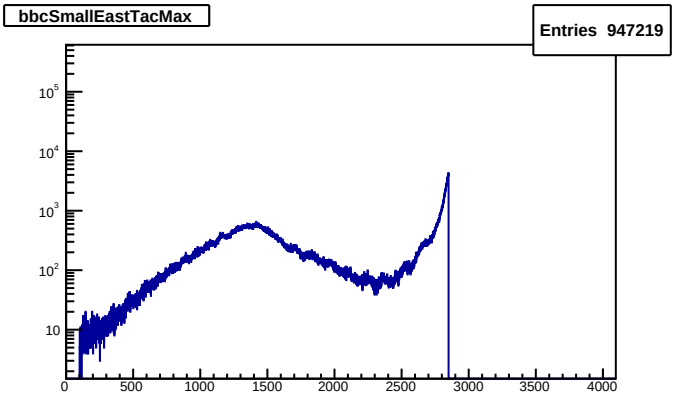

EQ3 QTB
Entries 6.977109e+07
TDC
QT Input Channel

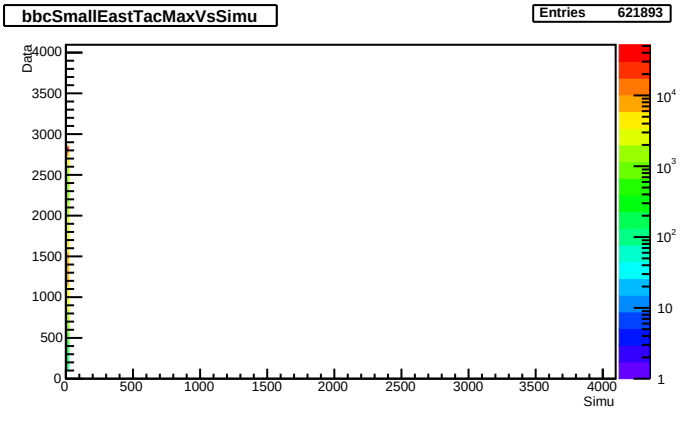

EQ3 QTC
Entries 9.093302e+07
ADC
QT Input Channel


EQ3 QTC
Entries 9.093302e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 947219


bbcSmallEastAdcSumVsSimu
Entries 621893
Data
Simu


bbcSmallEastTacMax
Entries 947219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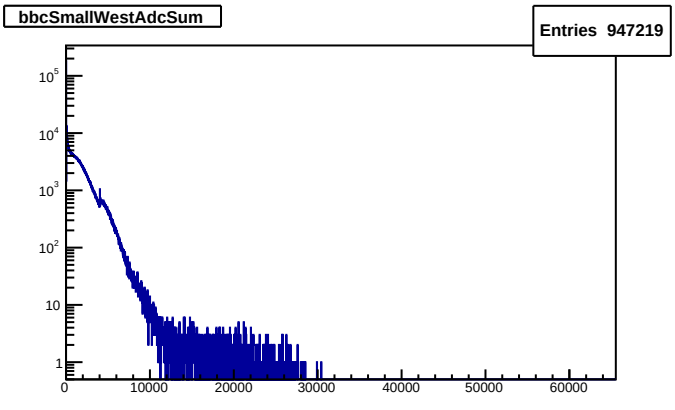
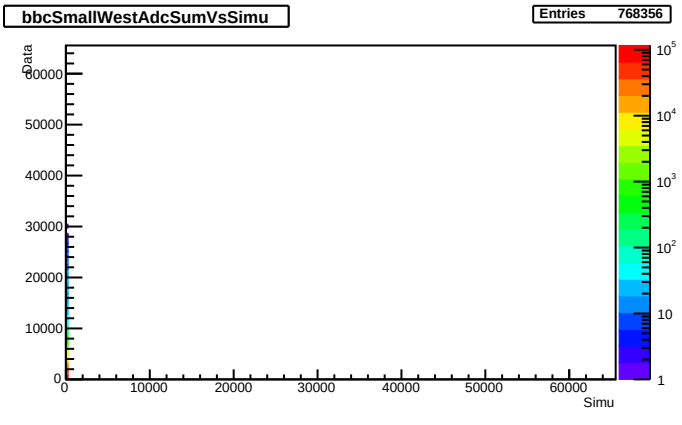
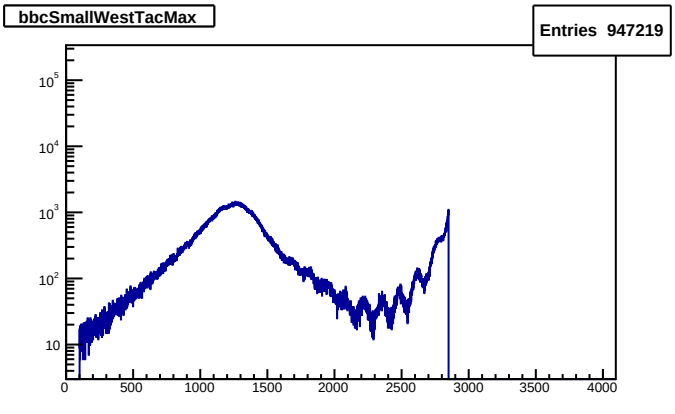
Entries 621893
Data
Simu


bbcSmallWestAdcSum
Entries 947219


bbcSmallWestAdcSumVsSimu
Entries 768356
Data
Simu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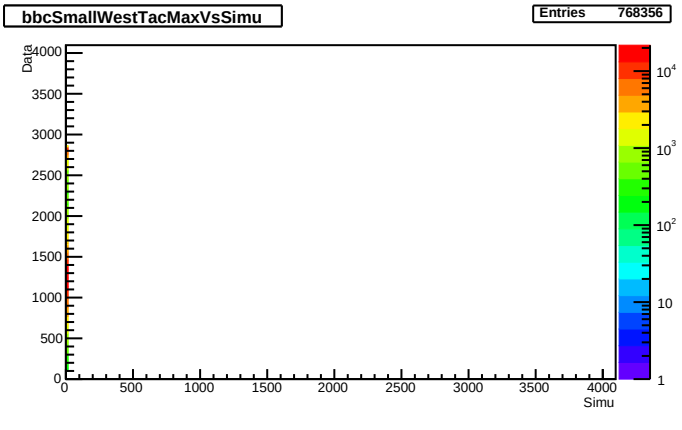
Entries 947219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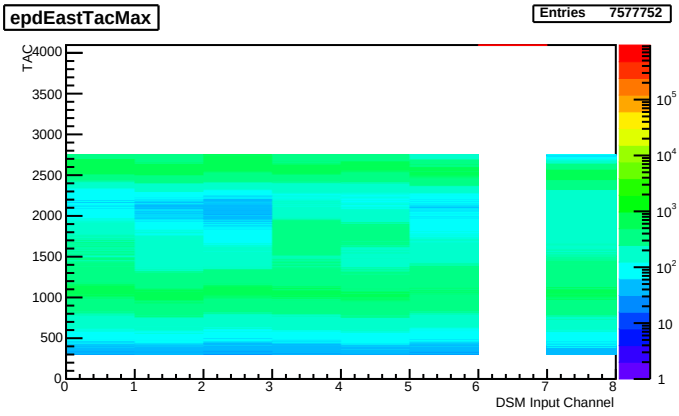
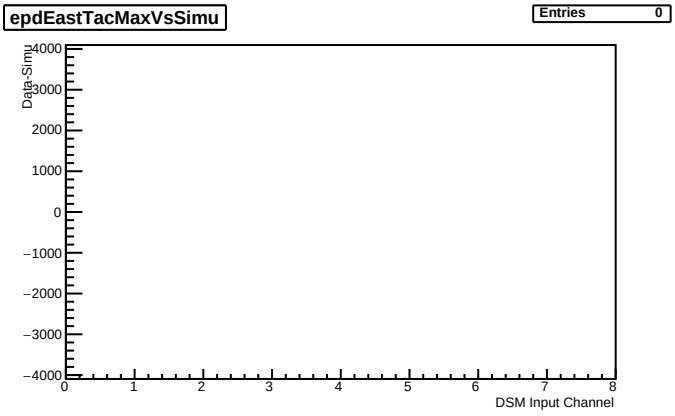
Entries 768356
Data
Simu


epdEastTacMax
Entries 7577752
TAC
DSM Input Channel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Entries 0
Data-Simu
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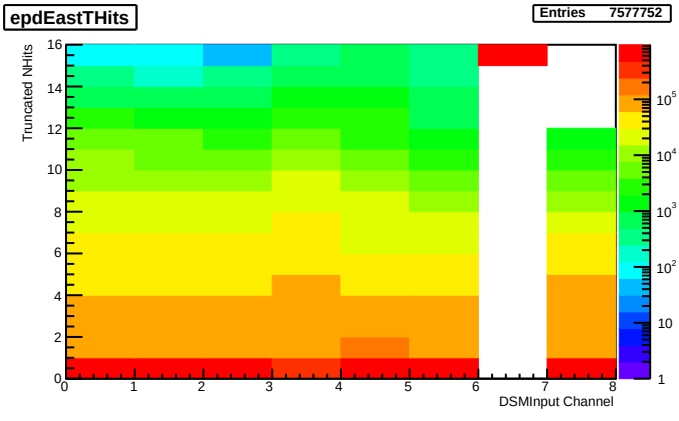
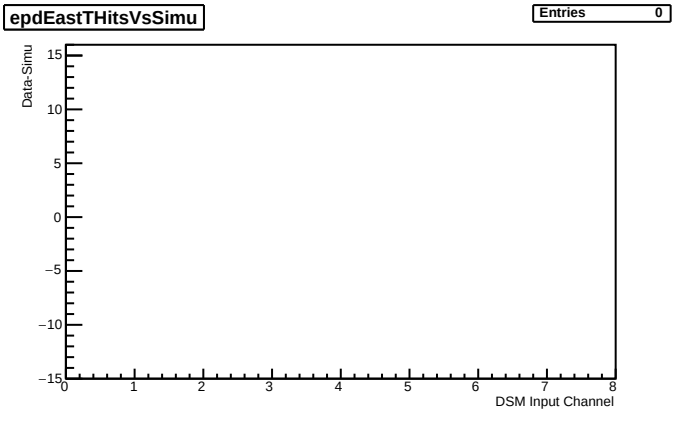

epdEastTHits
Entries 7577752
Truncated NHits
DSMInput Channel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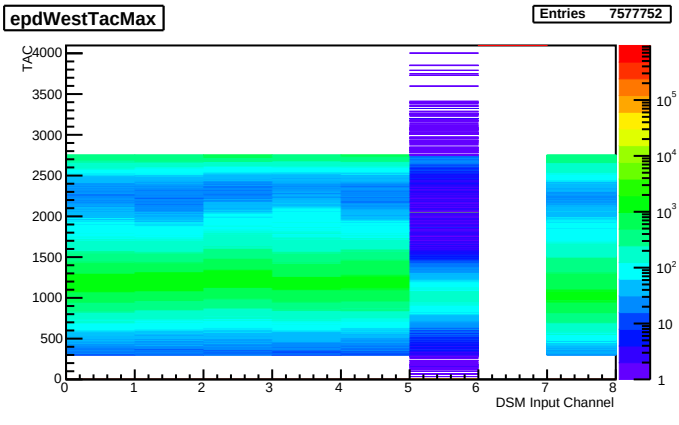
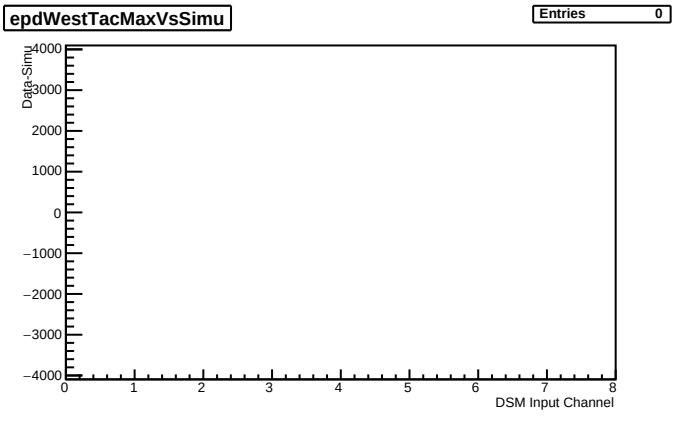
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 7577752
TAC
DSM Input Channel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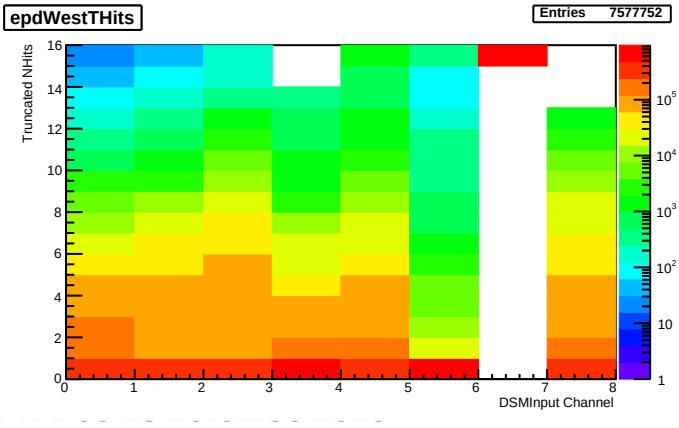
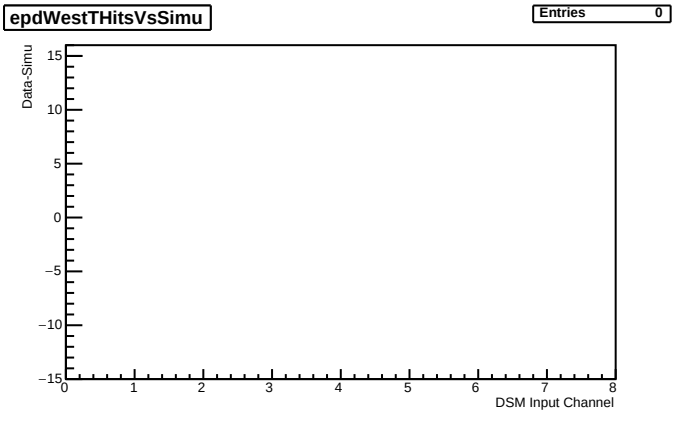
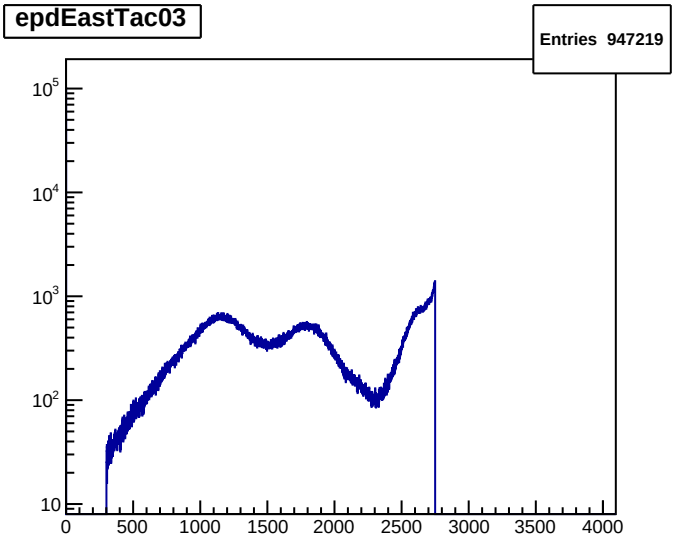
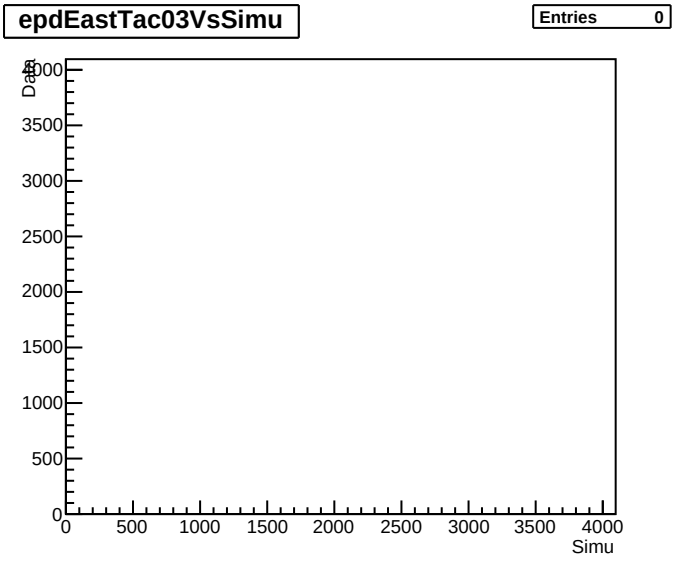
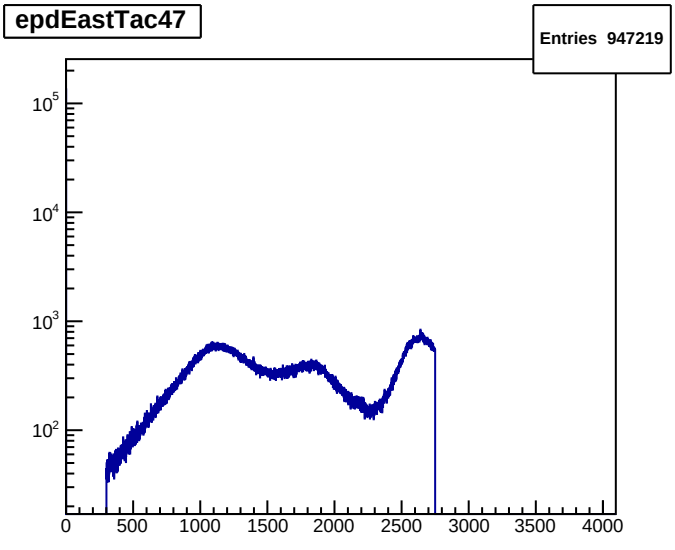
Entries 0
Data-Simu
DSM Input Channel

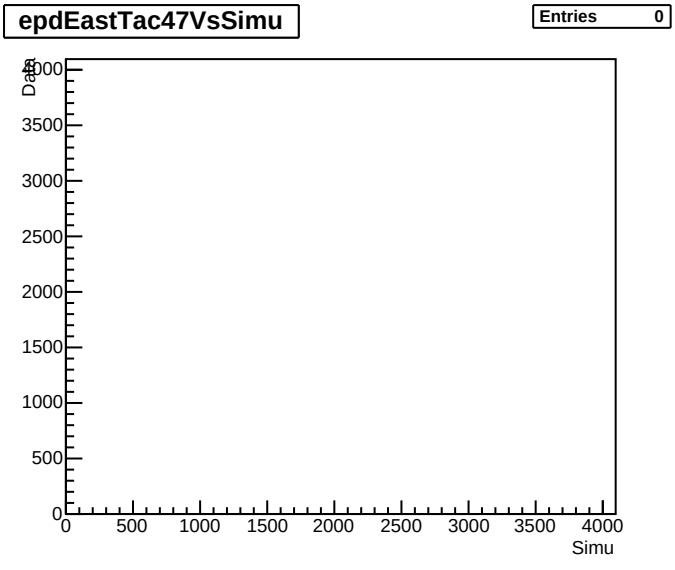

epdWestTHits
Entries 7577752
Truncated NHits
DSMInput Channel

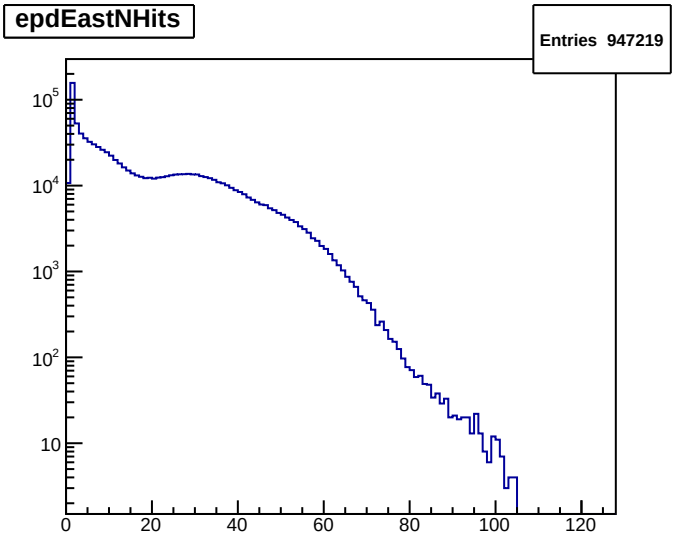

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

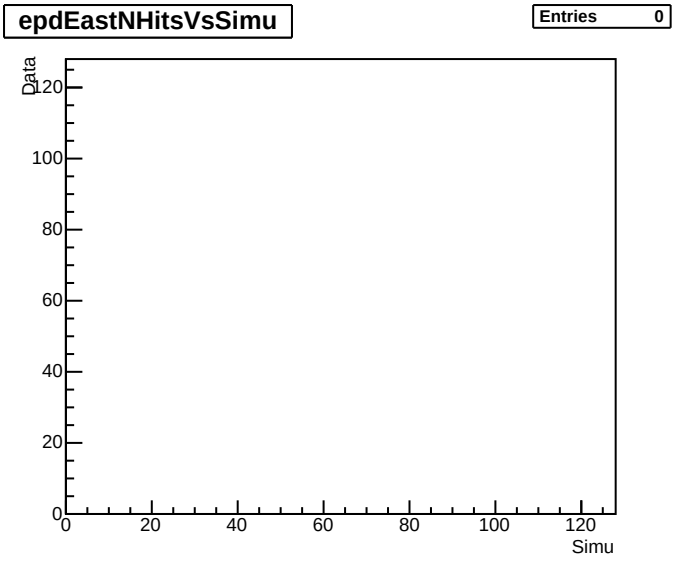

epdEastTac03
Entries 947219


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 947219


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 947219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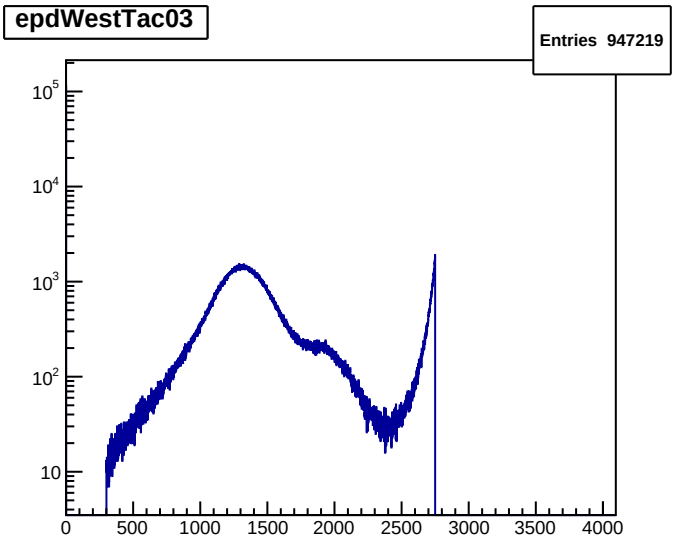
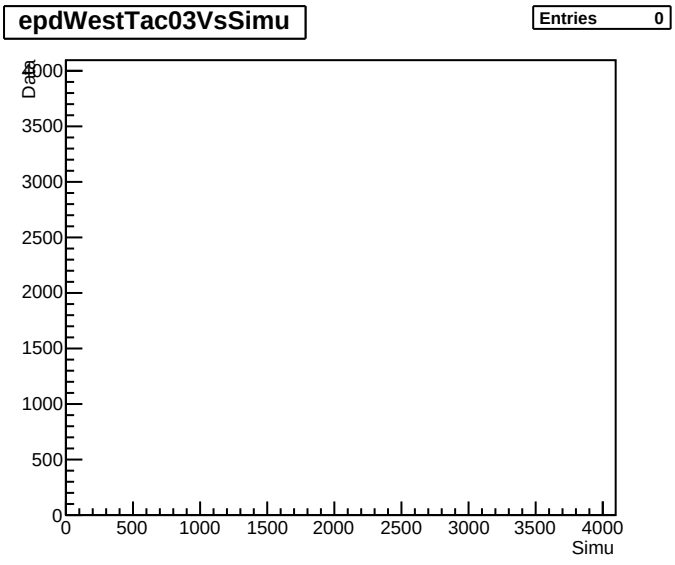
Entries 0
Data
Simu


epdWestTac03
Entries 947219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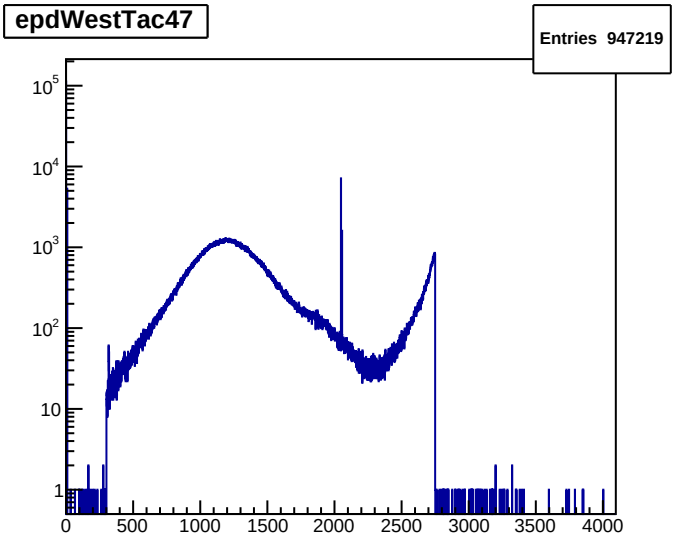
Entries 0
Data
Simu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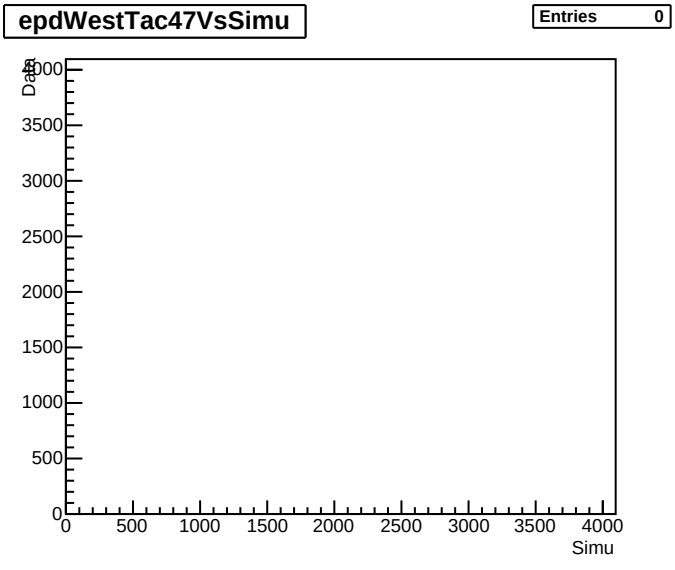
Entries 947219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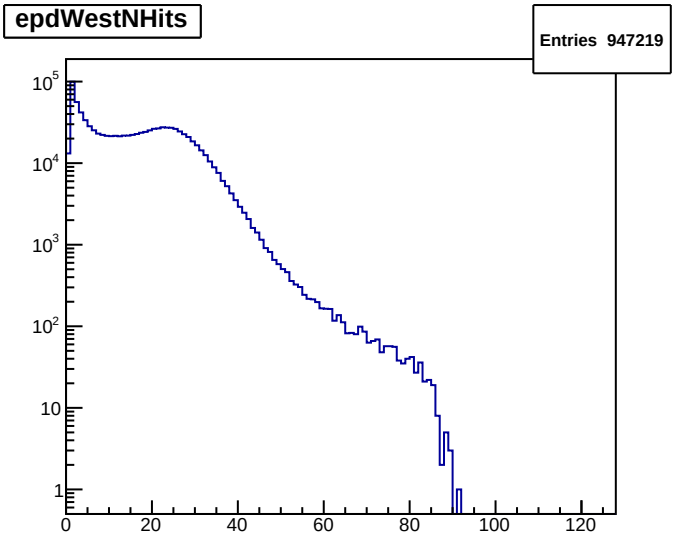
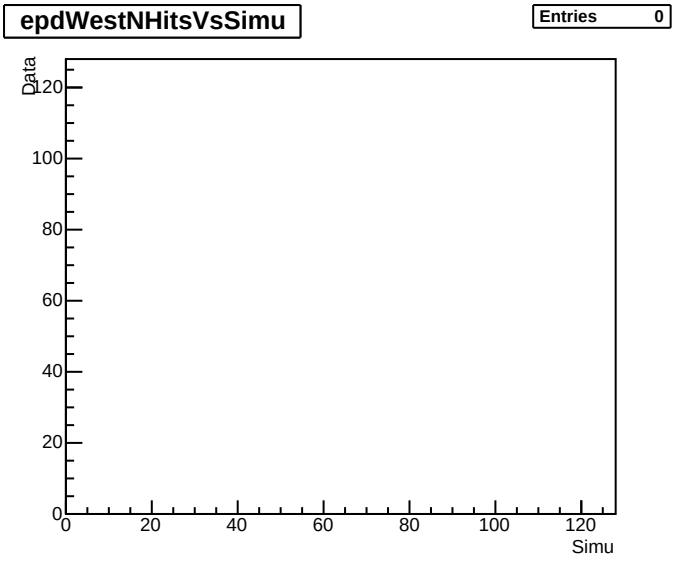
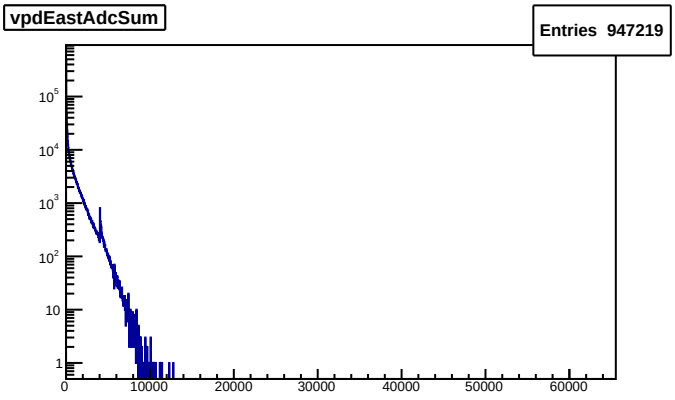
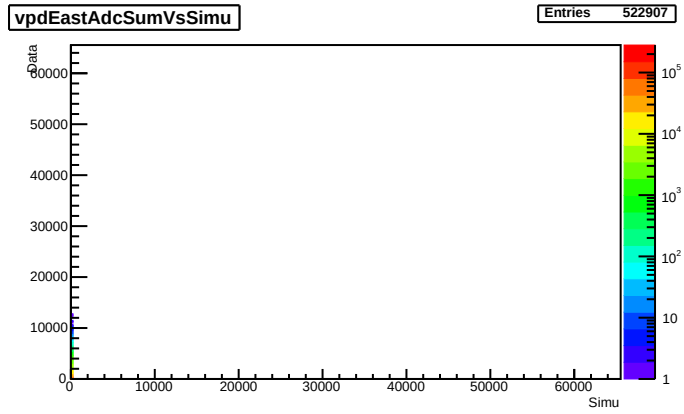
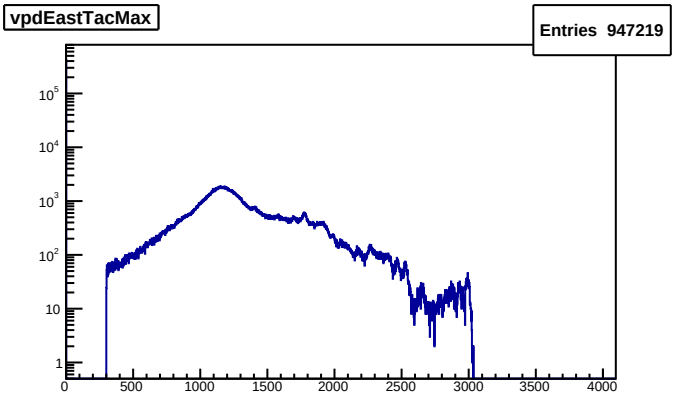
Entries 0
Data
Simu

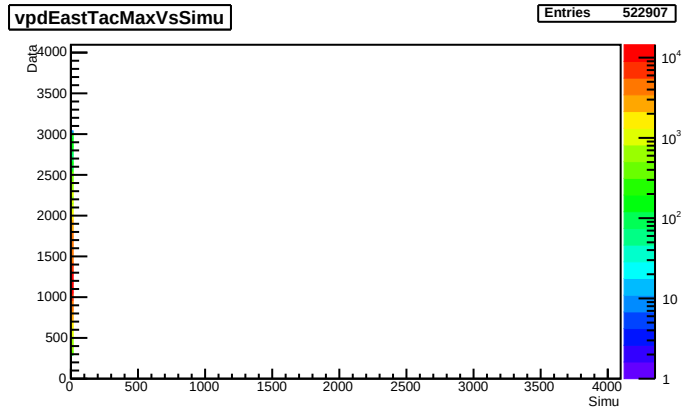

epdWestNHits
Entries 947219

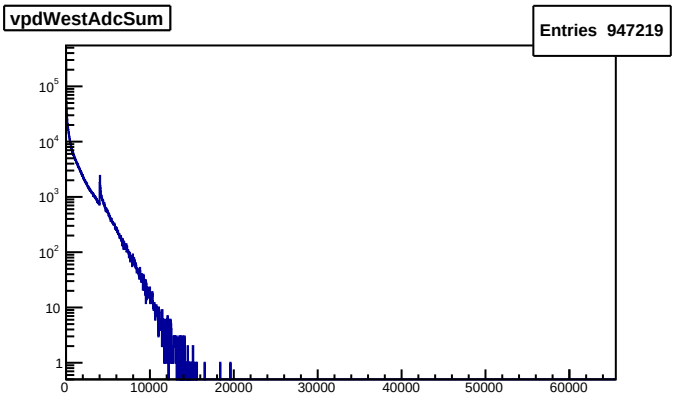

epdWestNHitsVsSimu
Entries 0
Data
Simu

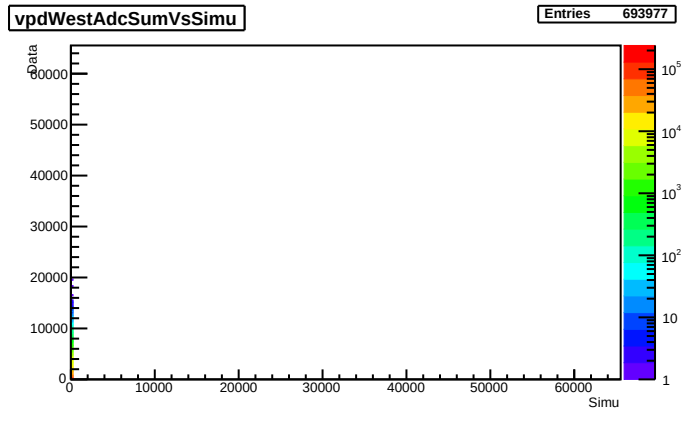

vpdEastAdcSum
Entries 947219

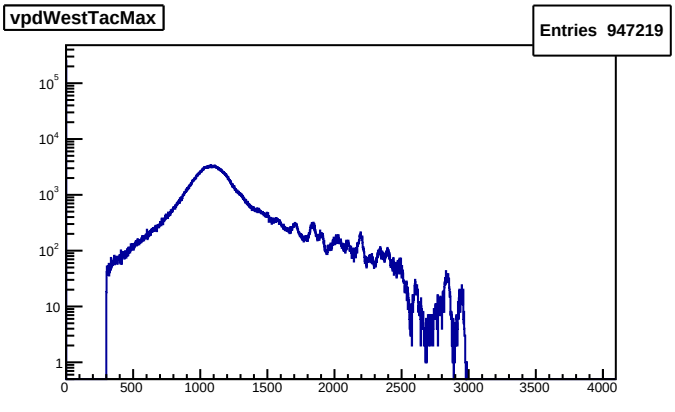

vpdEastAdcSumVsSimu
Entries 522907
Data
Simu

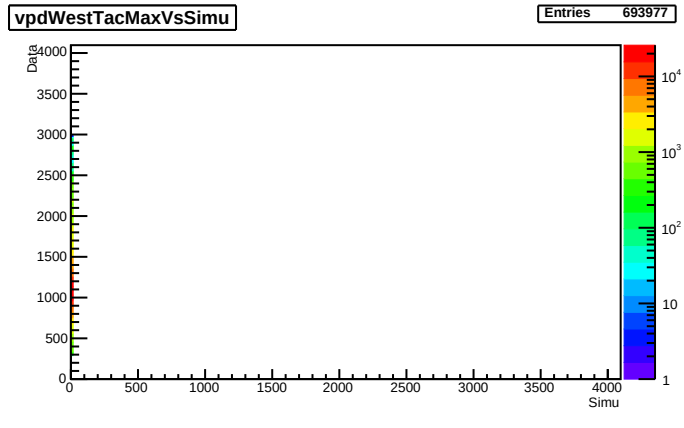

vpdEastTacMax
Entries 947219

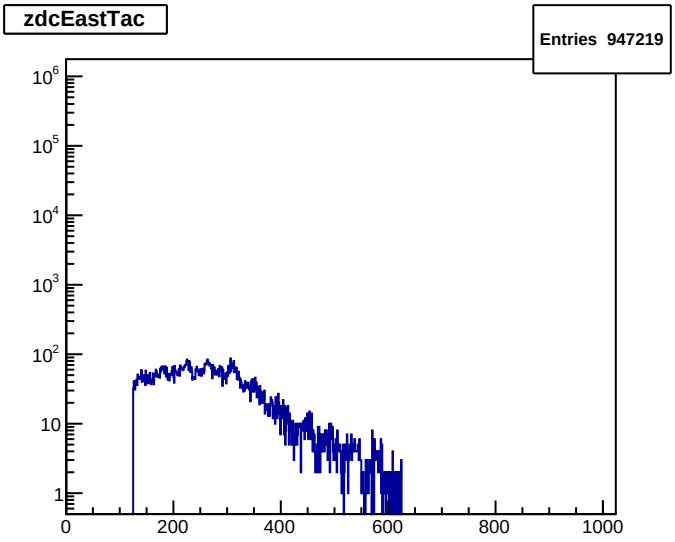

vpdEastTacMaxVsSimu
Entries 522907
Data
Simu

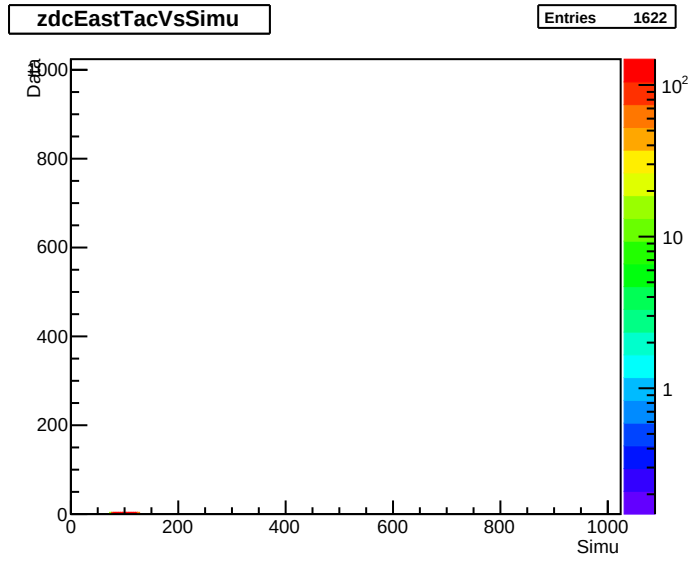

vpdWestAdcSum
Entries 947219

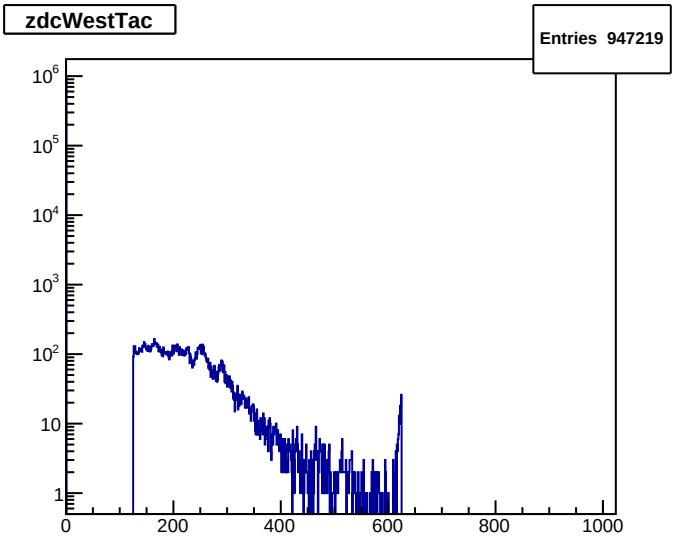

vpdWestAdcSumVsSimu
Entries 693977
Data
Simu

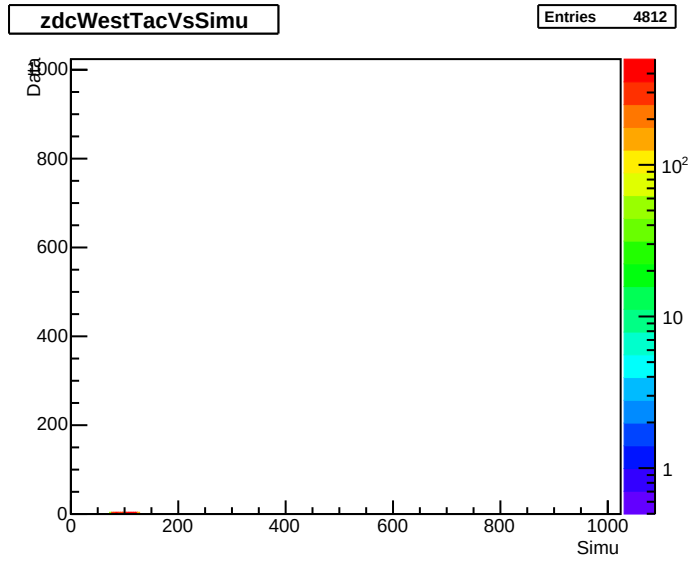

vpdWestTacMax
Entries 947219

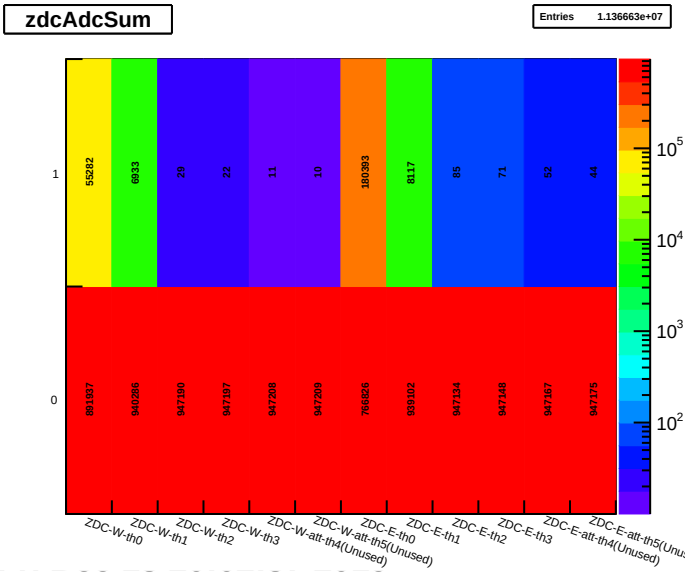

vpdWestTacMaxVsSimu
Entries 693977
Data
Simu

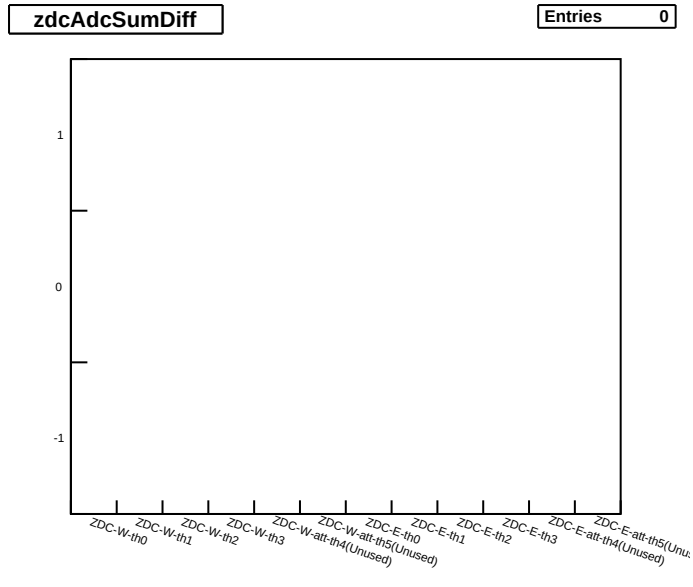

zdcEastTac
Entries 947219


zdcEastTacVsSimu
Entries 1622
Data
Simu


zdcWestTac
Entries 947219


zdcWestTacVsSimu
Entries 4812
Data
Simu


zdcAdcSum
Entries 1.136663e+07
55282
6833
29
22
11
10
180393
8117
85
71
52
44
891937
940286
947190
947197
947208
947209
766826
939102
947134
947148
947167
947175
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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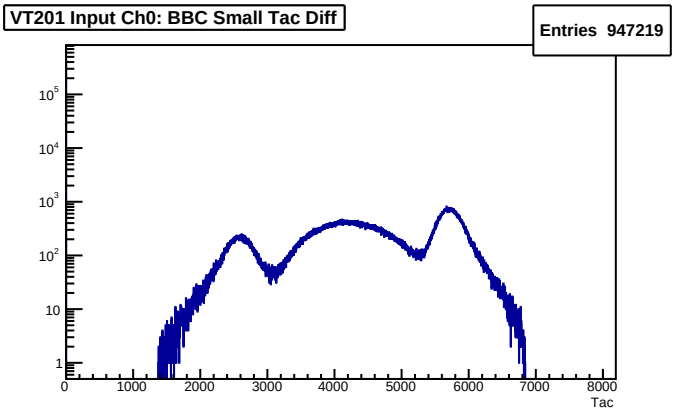
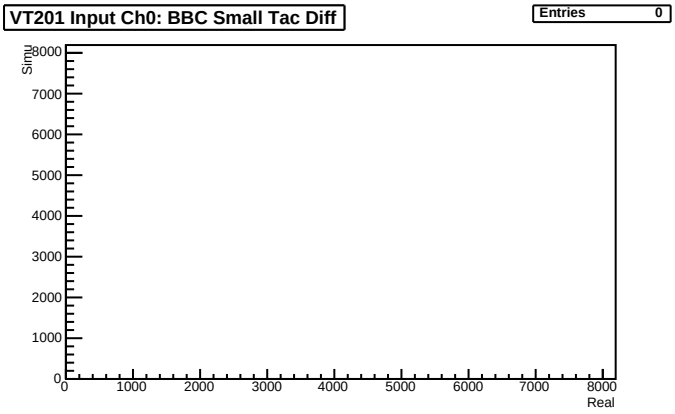
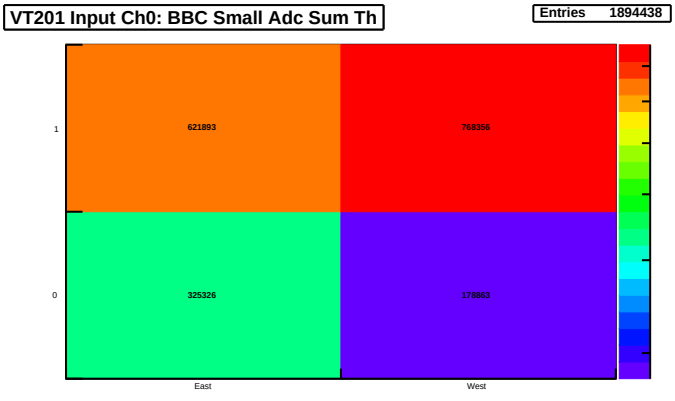
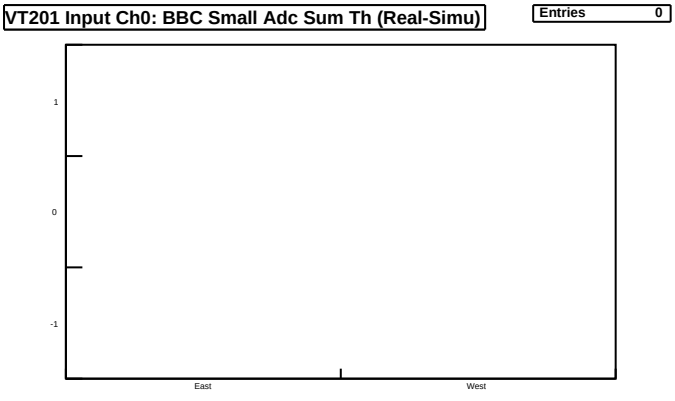
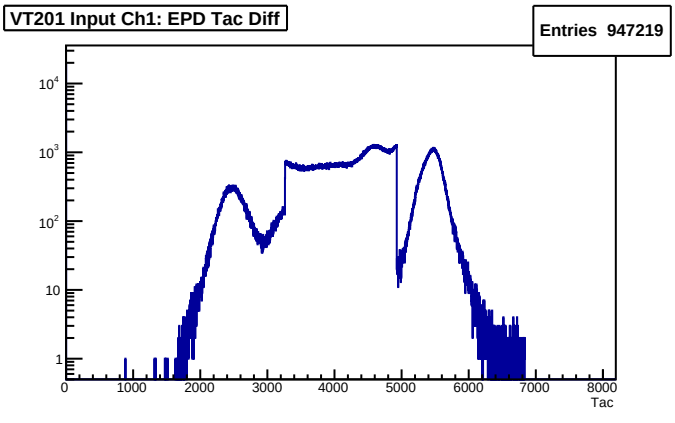
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

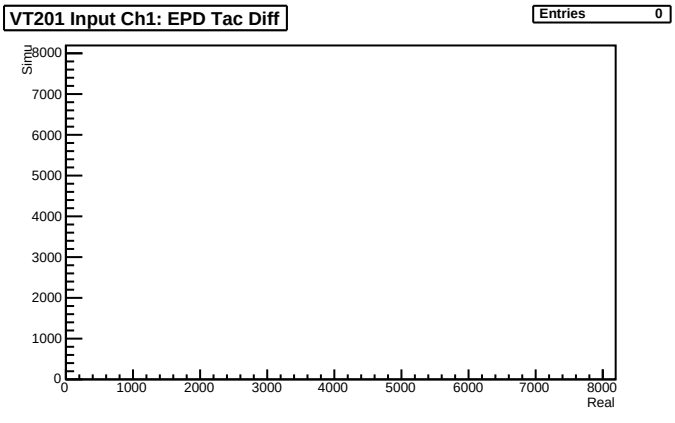

VT201 Input Ch0: BBC Small Tac Diff
Entries 947219
Tac

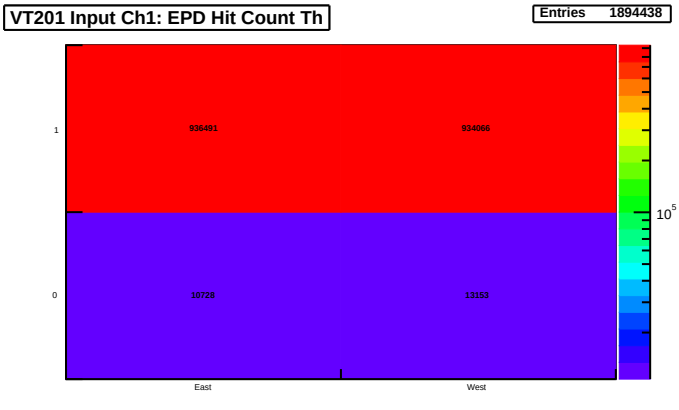

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

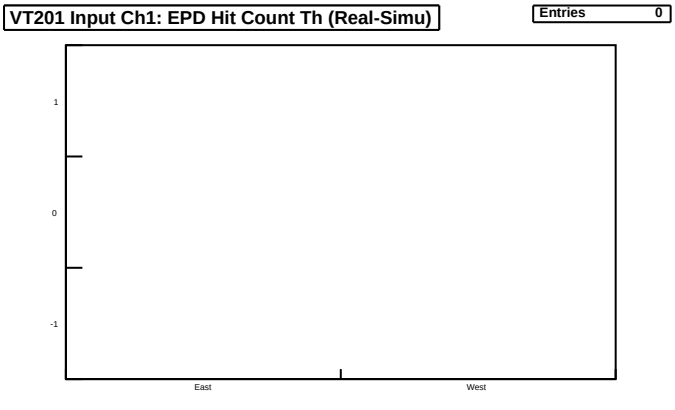

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1894438
621893
768356
325326
178863
East
West

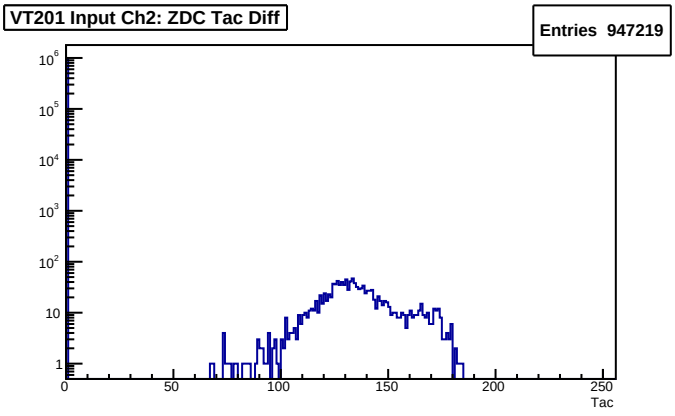

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

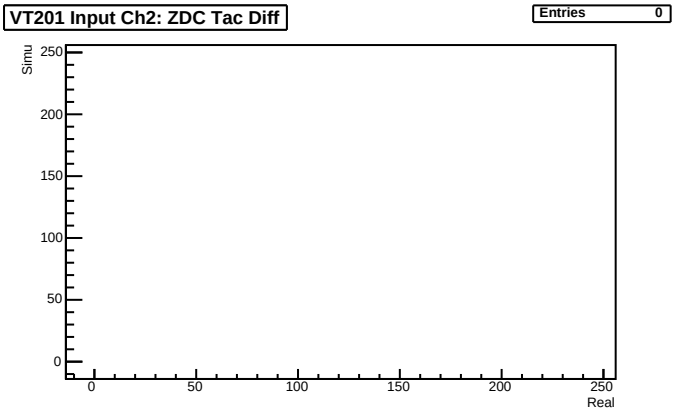

VT201 Input Ch1: EPD Tac Diff
Entries 947219
Tac

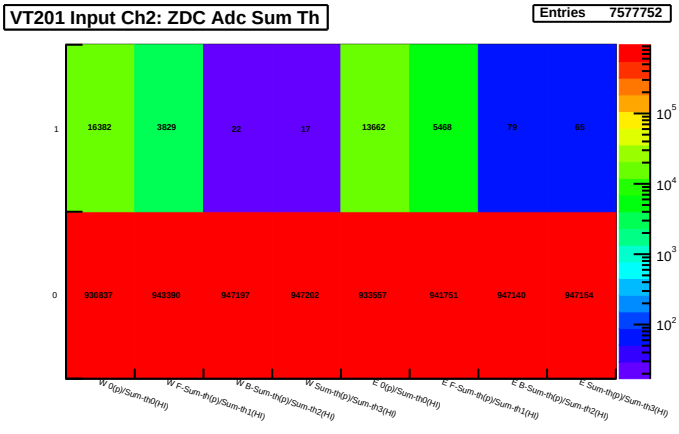

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

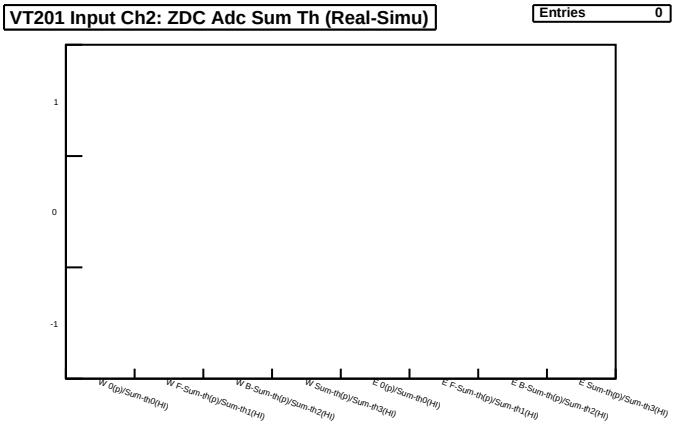

VT201 Input Ch1: EPD Hit Count Th
Entries 1894438
936491
934066
10728
13153
East
West

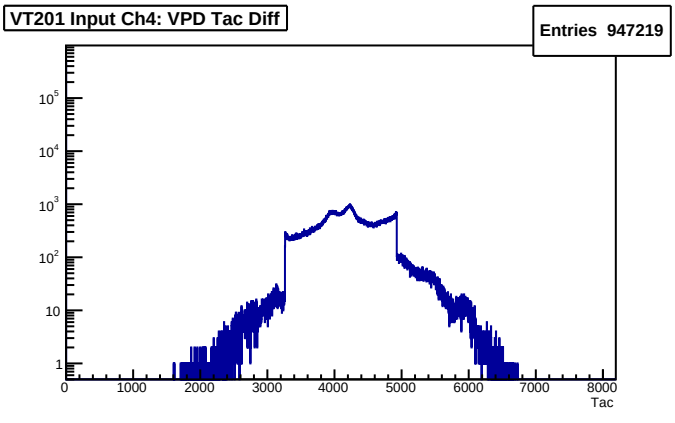

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

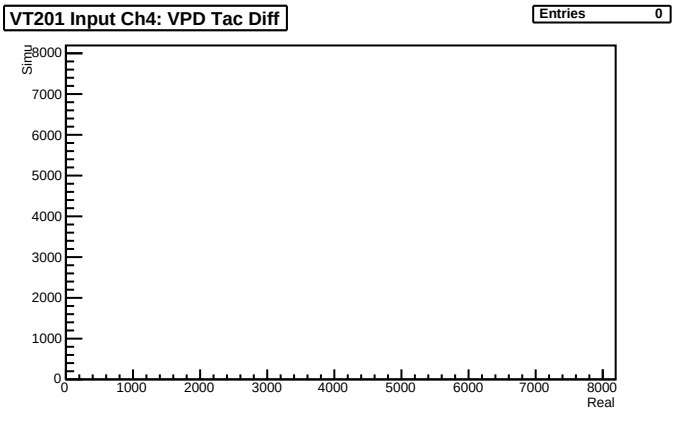

VT201 Input Ch2: ZDC Tac Diff
Entries 947219
Tac

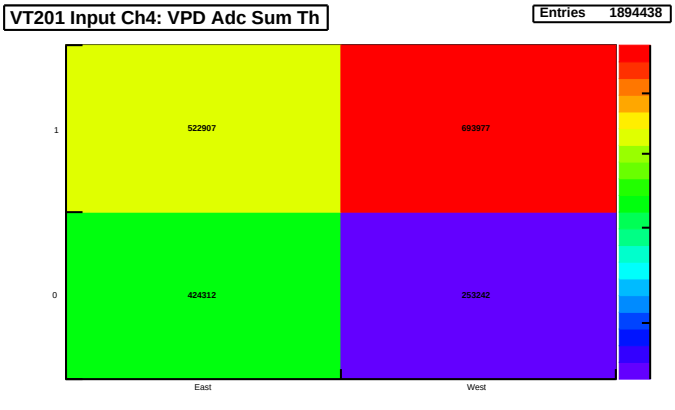

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

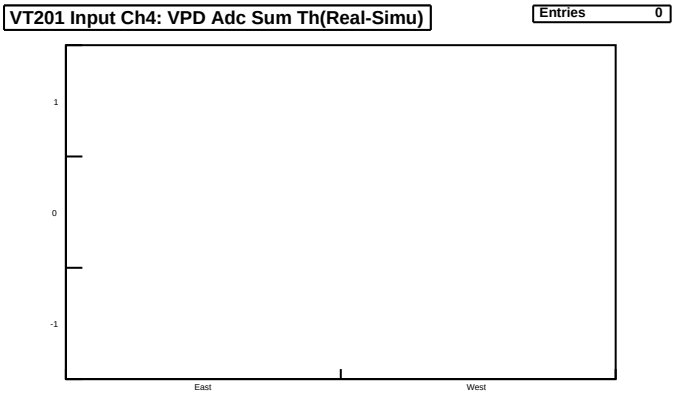

VT201 Input Ch2: ZDC Adc Sum Th
Entries 7577752
16382
3829
22
17
13662
5468
79
65
930837
943390
947197
947202
933557
941751
947140
947154
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

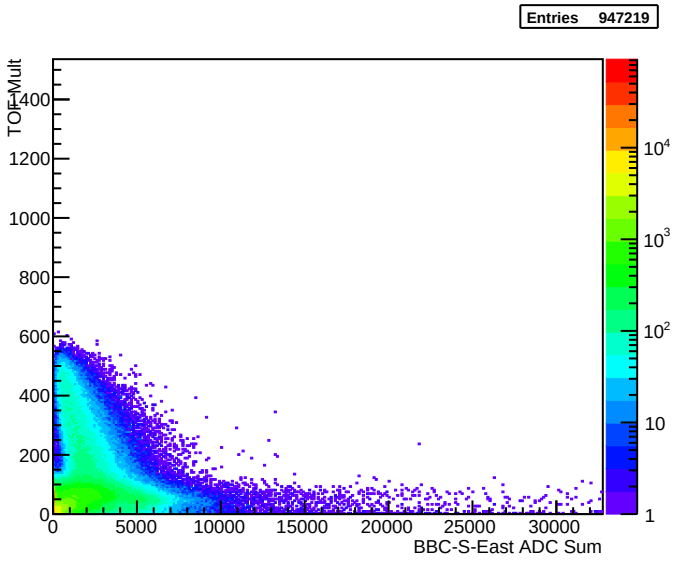

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

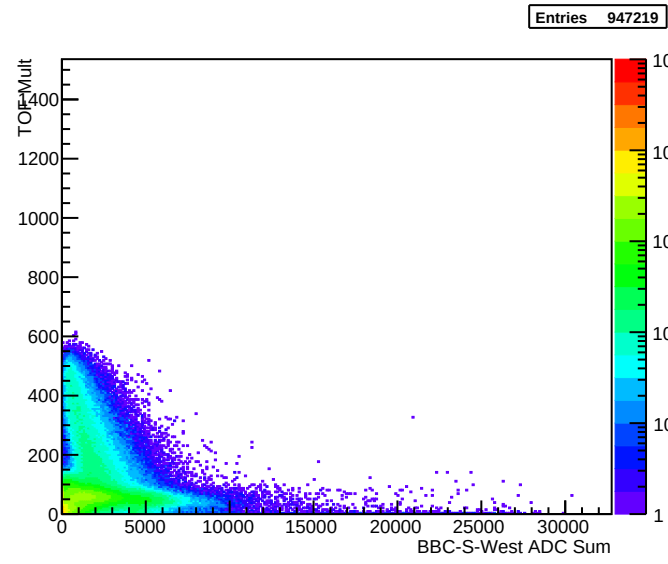

VT201 Input Ch4: VPD Tac Diff
Entries 947219
Tac

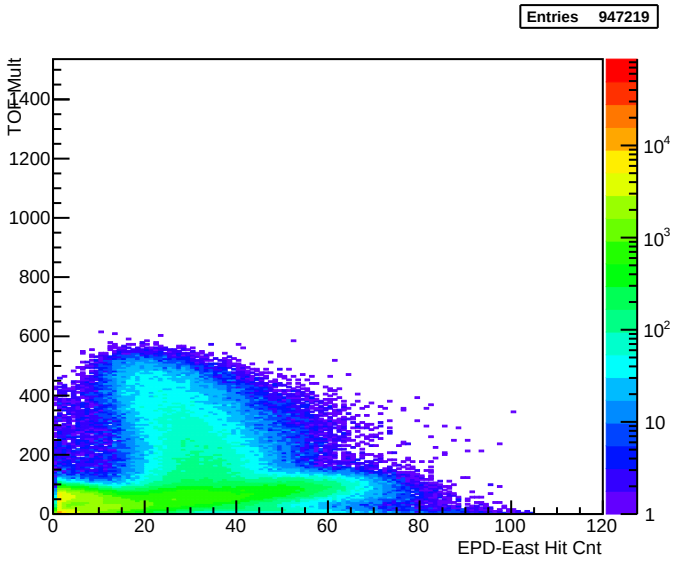

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

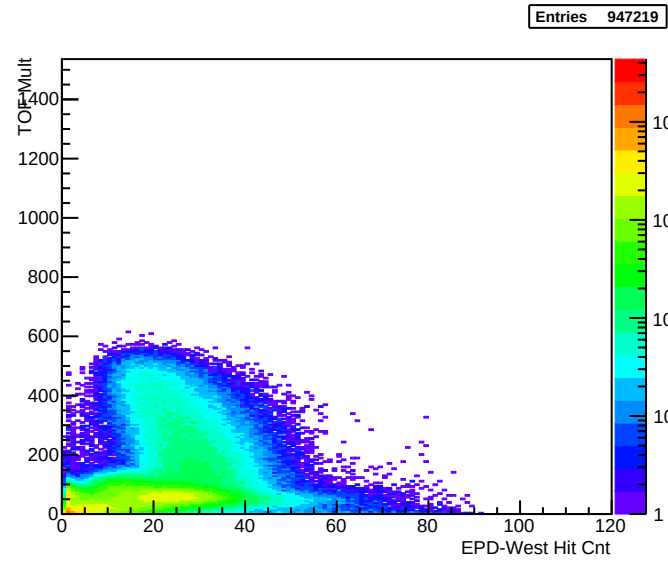

VT201 Input Ch4: VPD Adc Sum Th
Entries 1894438
522907
693977
424312
253242
East
West

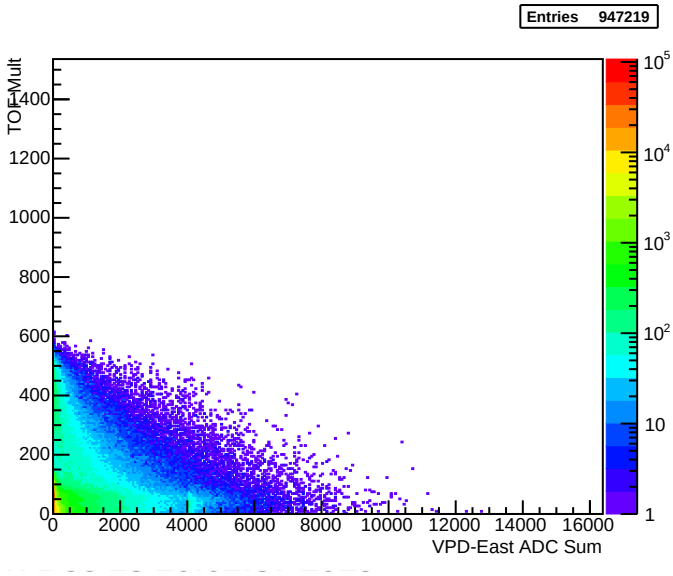

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

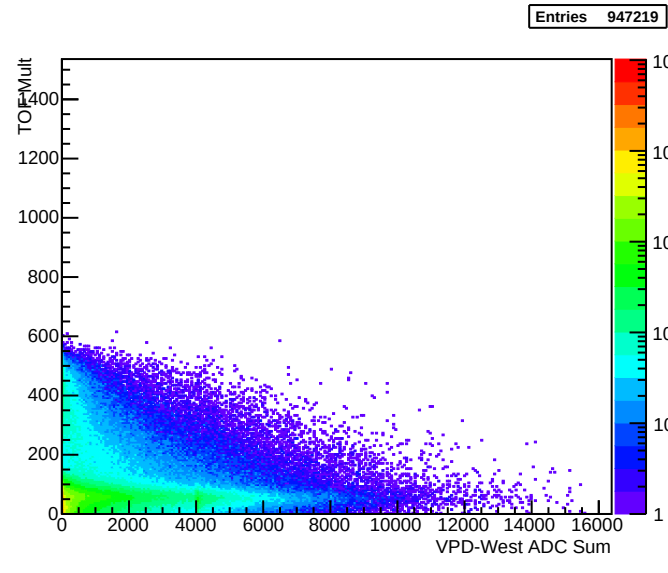

Entries 947219
TOF-Mult
BBC-S-East ADC Sum

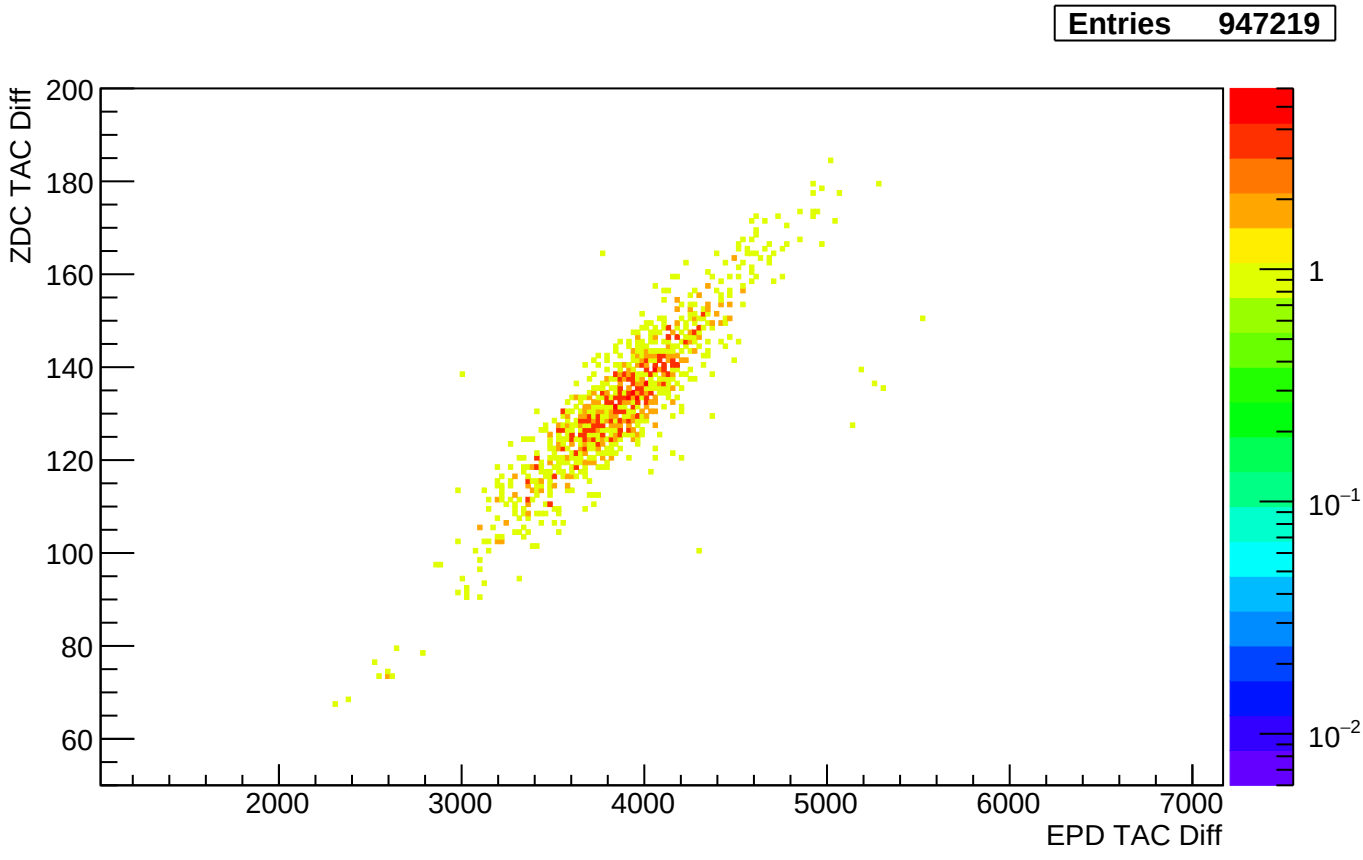

Entries 947219
TOF-Mult
BBC-S-West ADC Sum

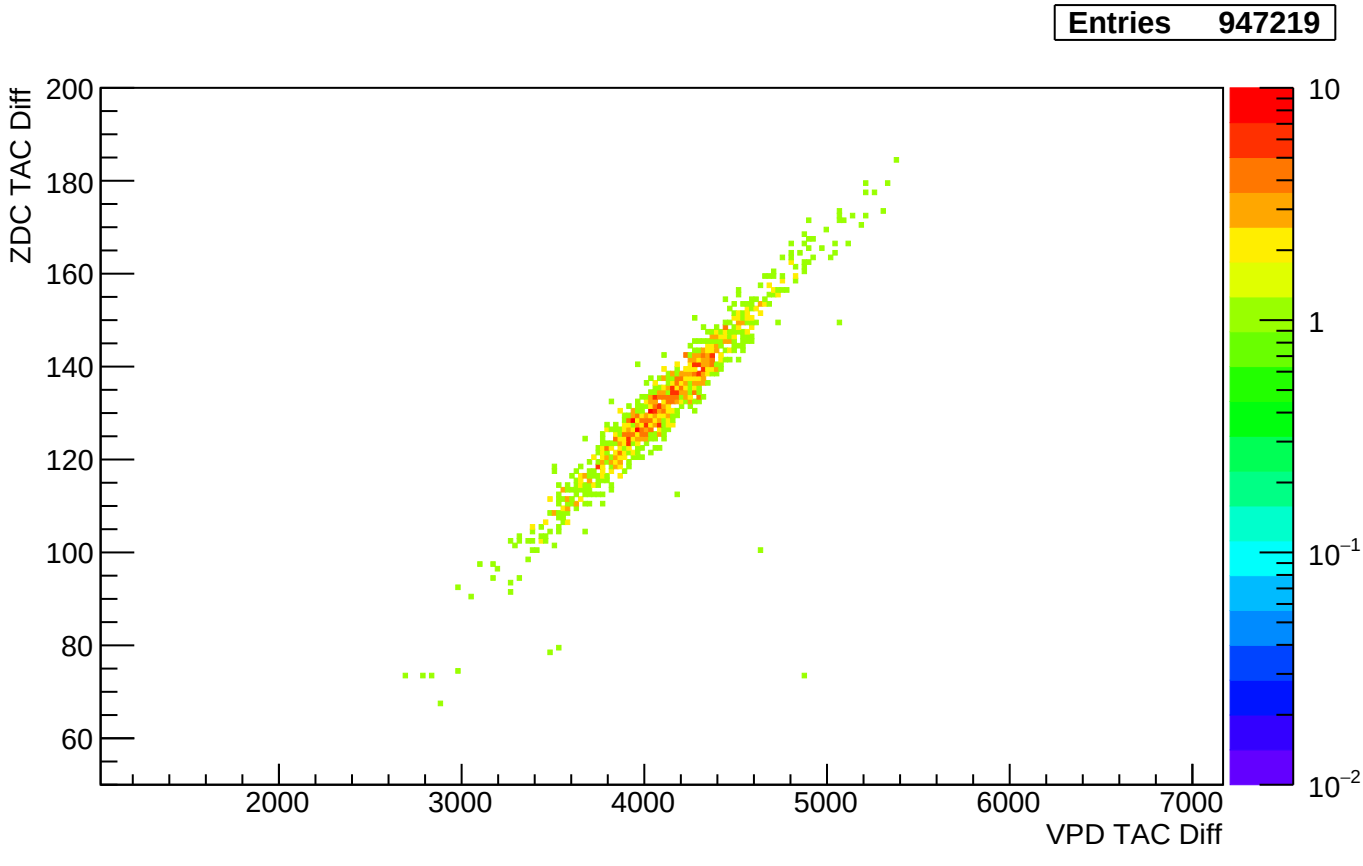

Entries 947219
TOF-Mult
EPD-East Hit Cnt

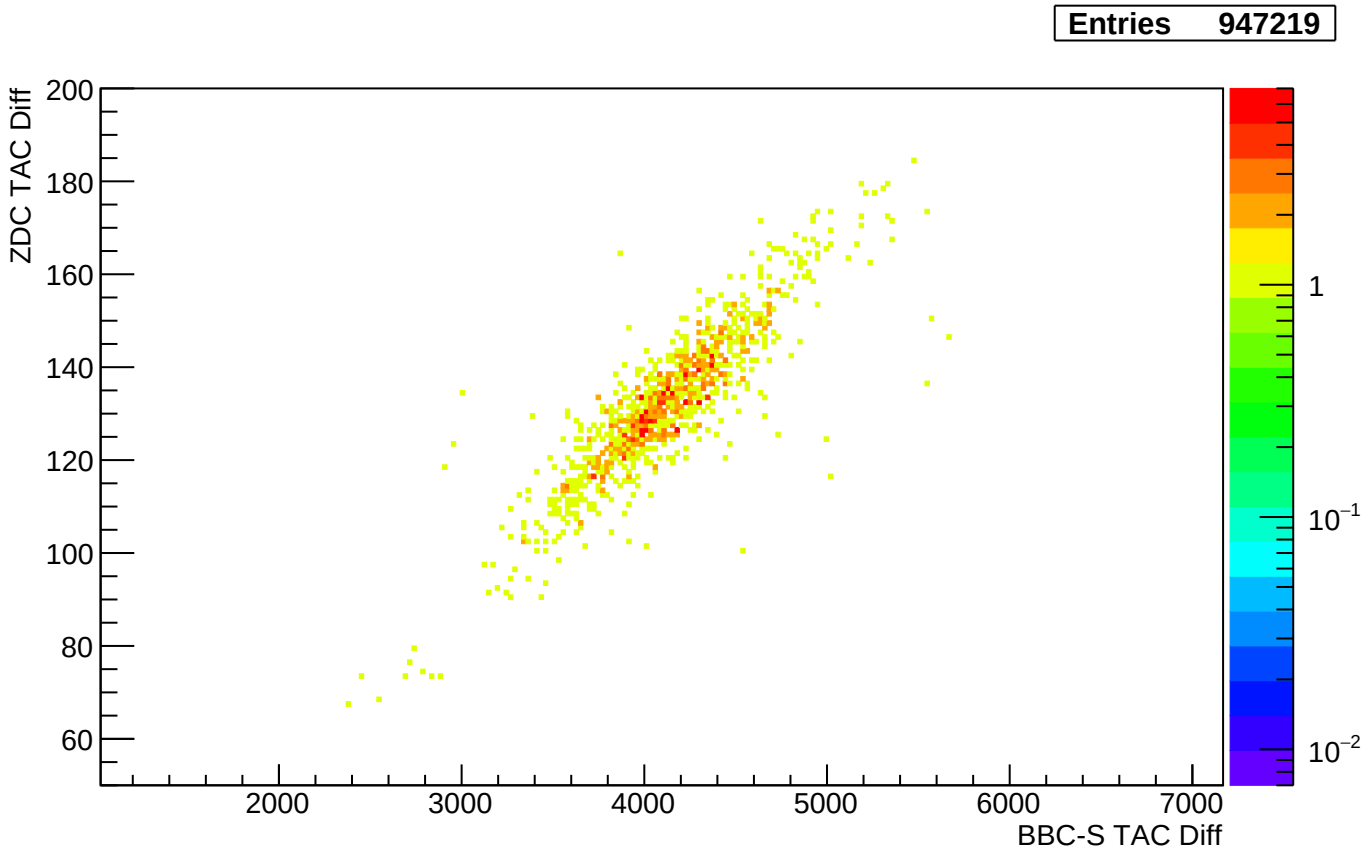

Entries 947219
TOF-Mult
EPD-West Hit Cnt

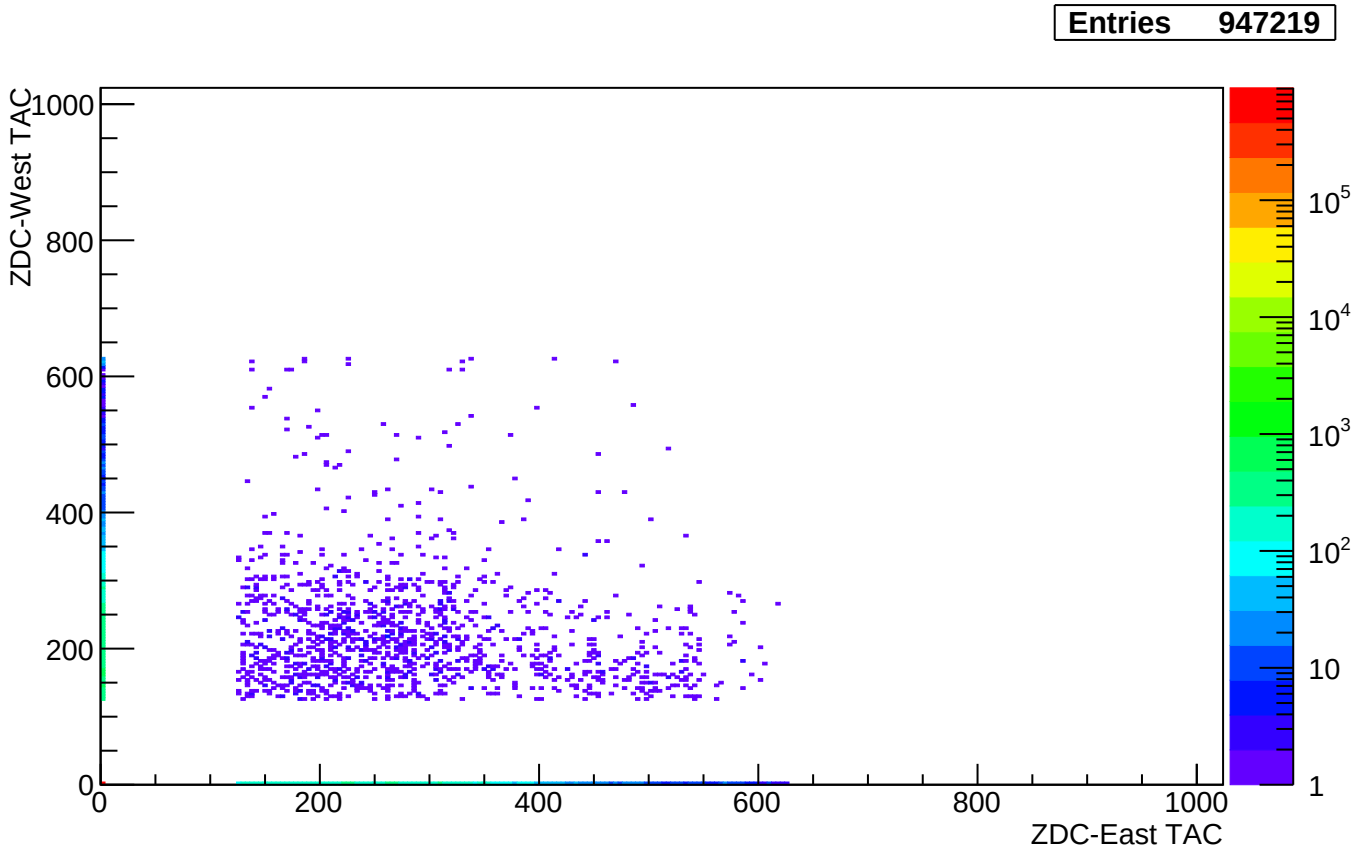

Entries 947219
TOF-Mult
VPD-East ADC Sum

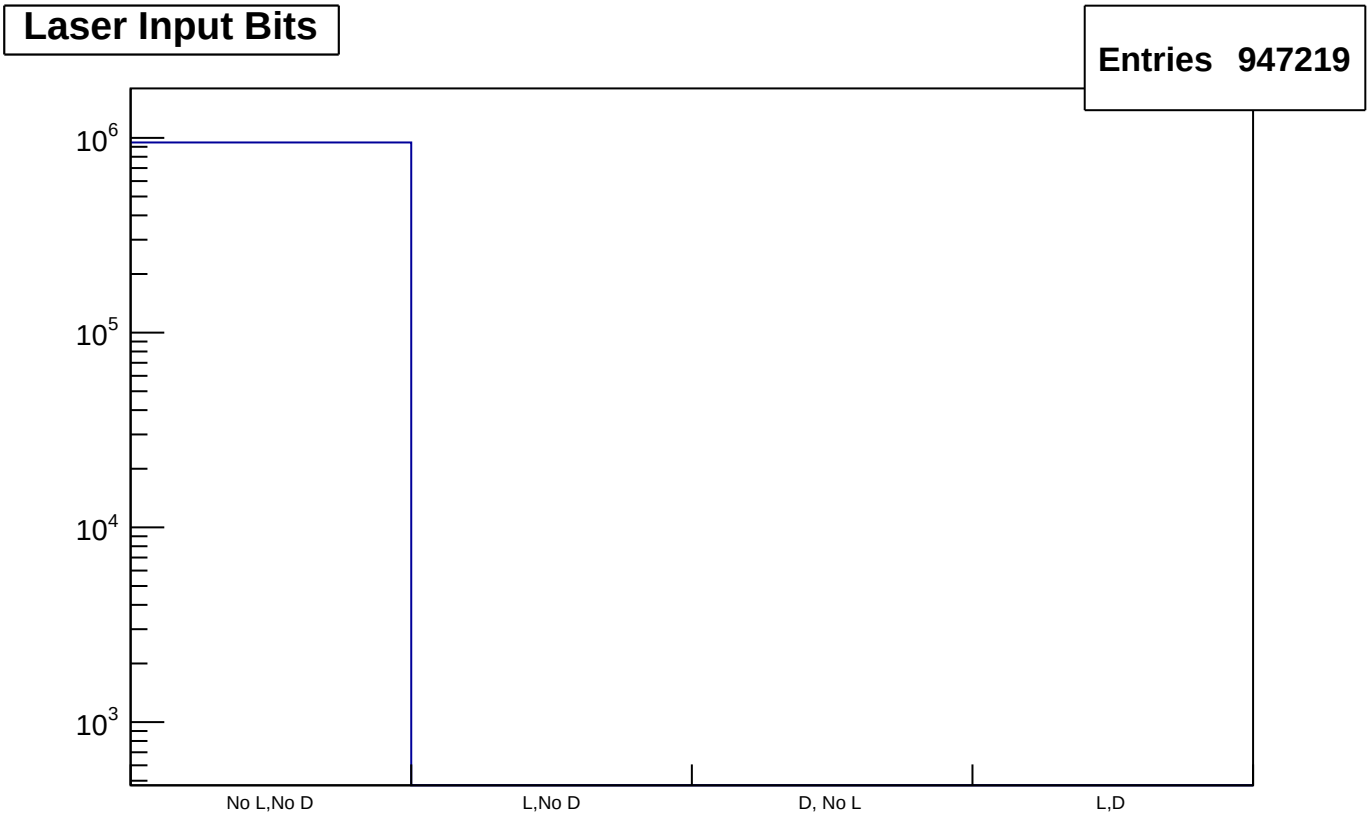

Entries 947219
TOF-Mult
VPD-West ADC Sum

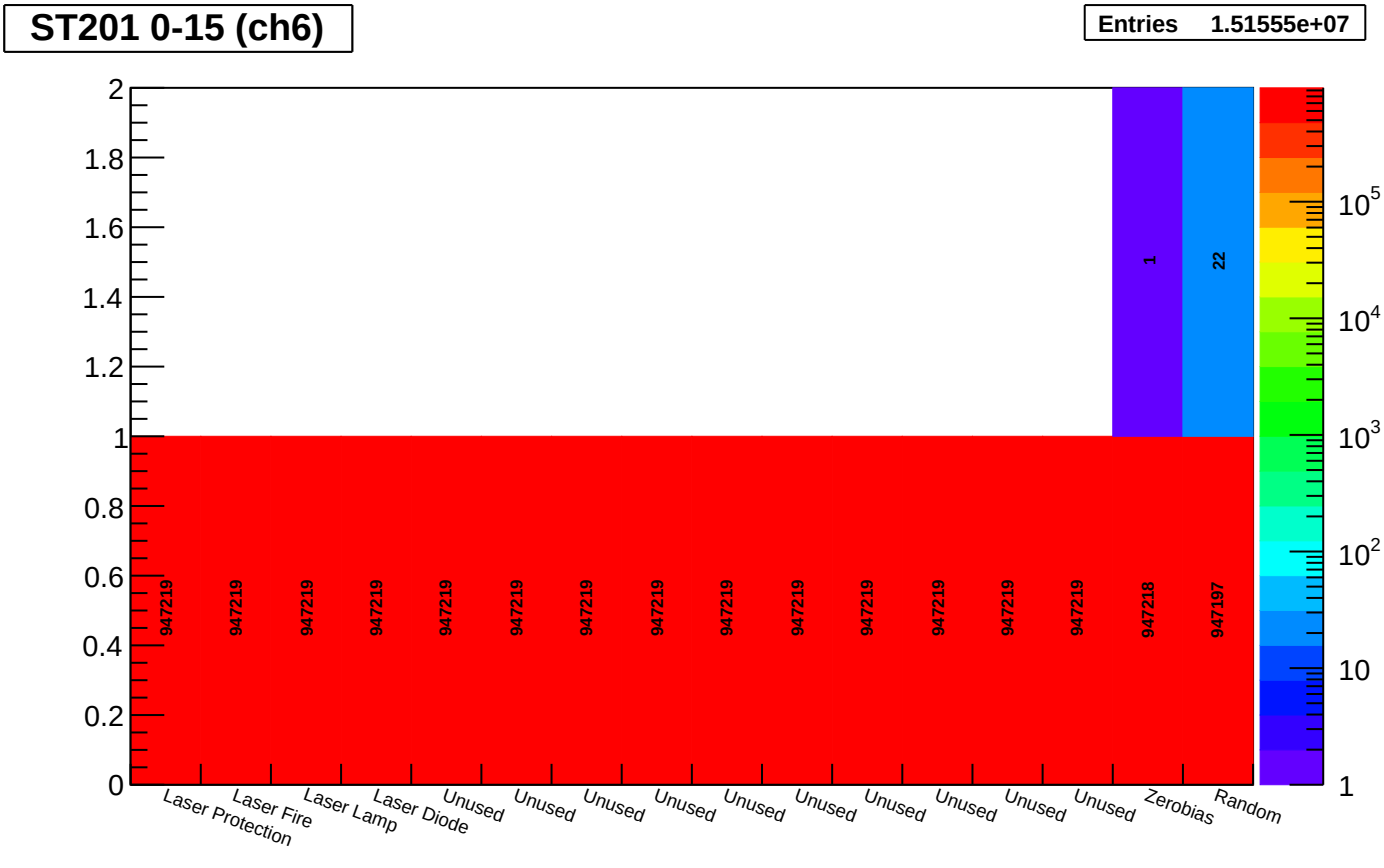

Entries 947219
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

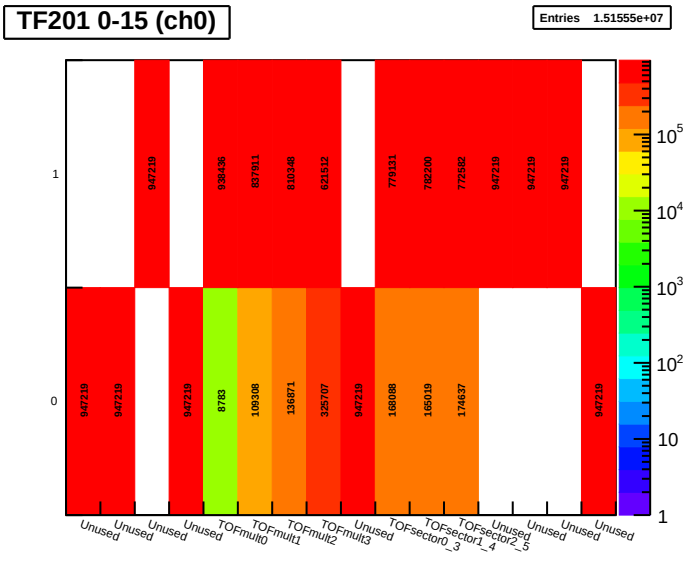

Entries 947219
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}
10^{-2}

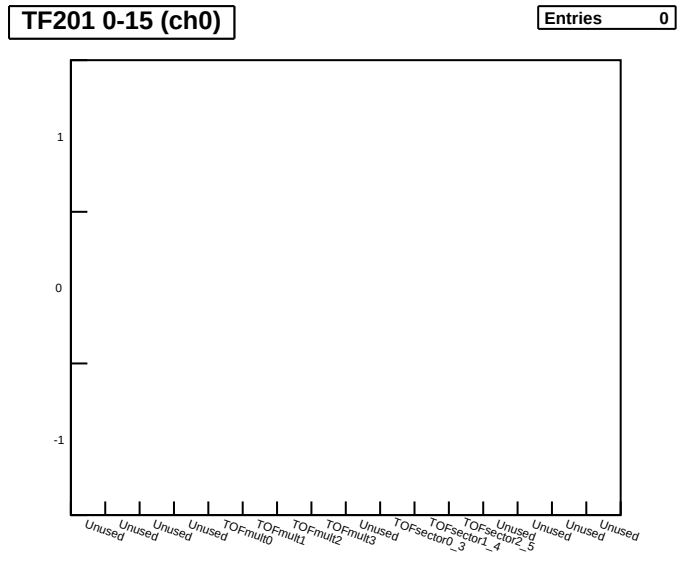

Entries 947219
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

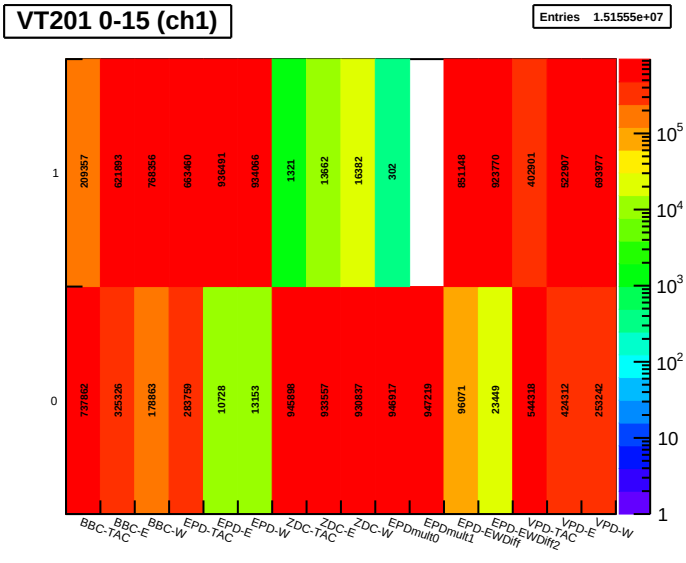

Entries 947219
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

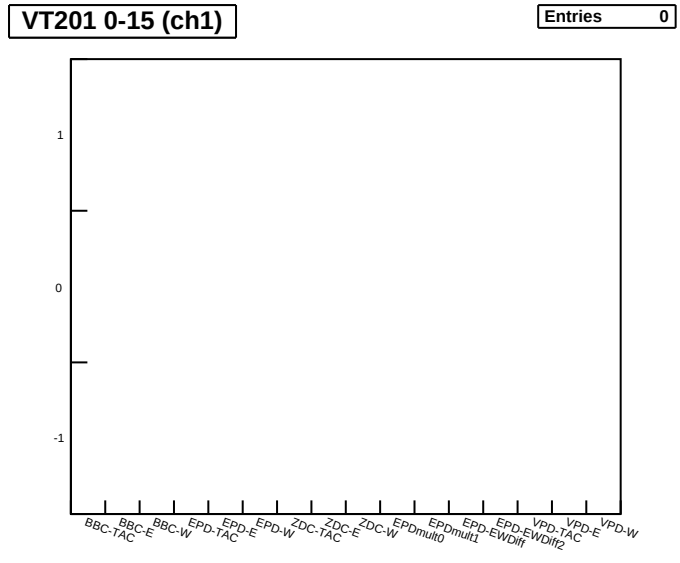

Laser Input Bits
Entries 947219
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

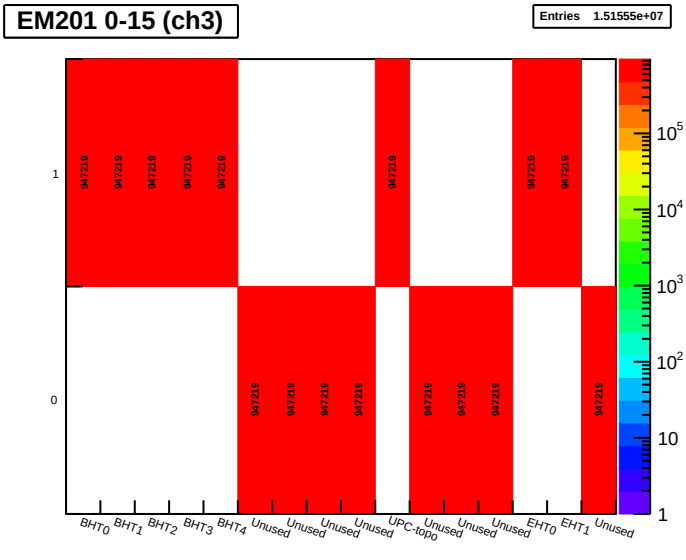

ST201 0-15 (ch6)
Entries 1.51555e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
947218
947197
1
22
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

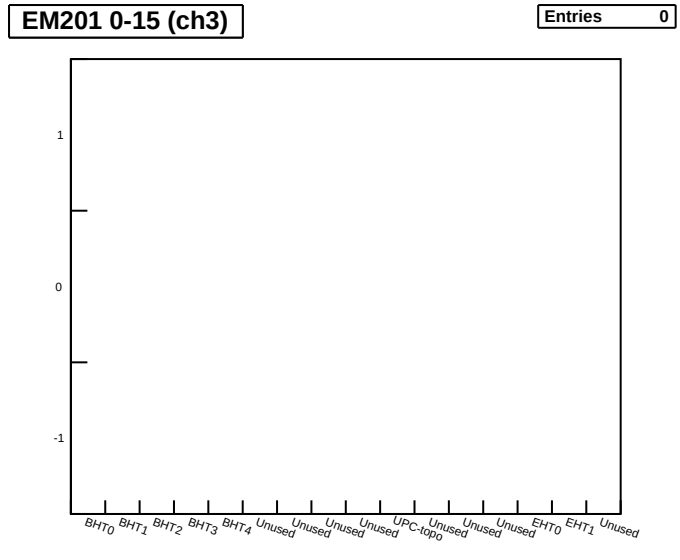

TF201 0-15 (ch0)
Entries 1.51555e+07
947219
938436
837911
810348
621512
779131
782200
772582
947219
947219
947219
947219
947219
8783
109308
136871
325707
947219
168088
165019
174637
947219
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused


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


VT201 0-15 (ch1)
Entries 1.51555e+07
209357
621893
768356
663460
936491
934066
1321
13662
16382
302
851148
923770
402901
522907
693977
737862
325326
178863
283759
10728
13153
945898
933557
930837
946917
947219
96071
23449
544318
424312
283242
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


VT201 0-15 (ch1)
Entries 0
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 1.51555e+07
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
947219
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused


EM201 0-15 (ch3)
Entries 0
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused