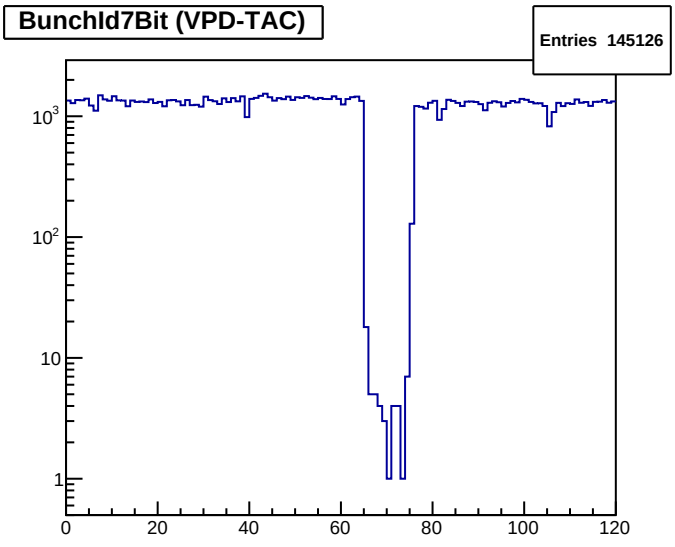
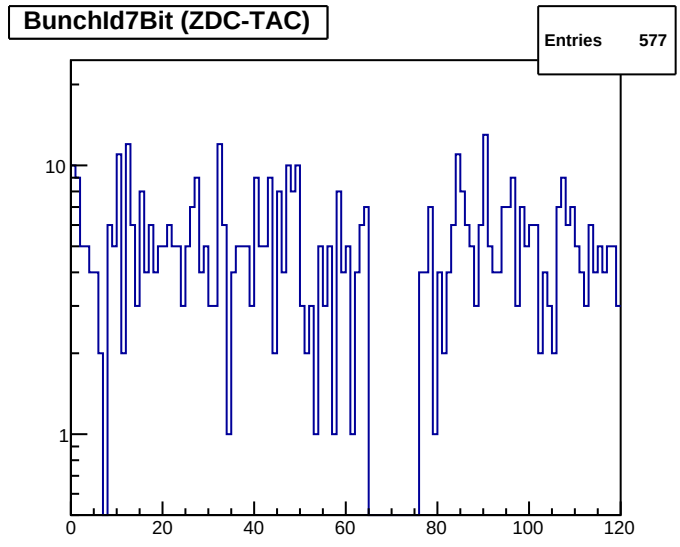
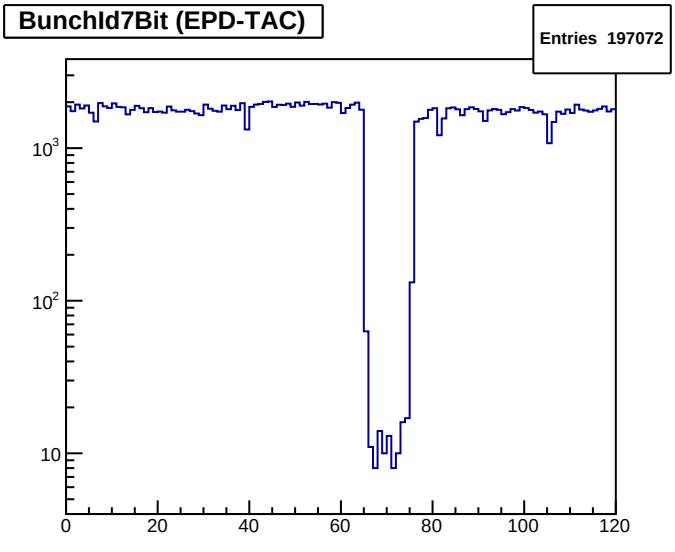
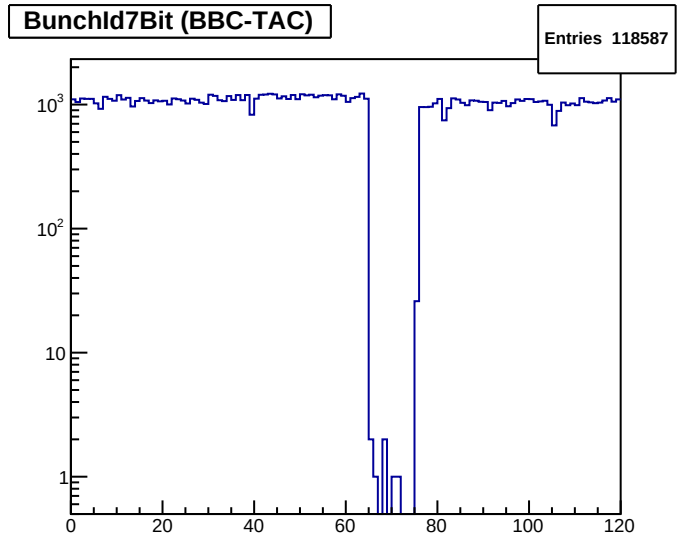
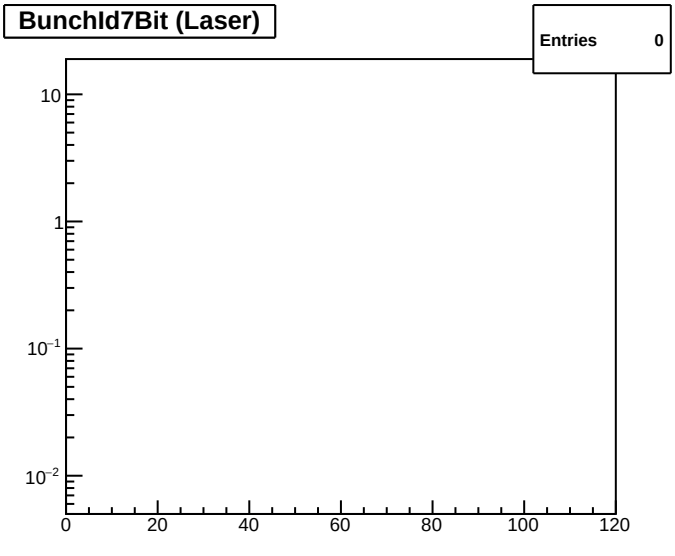
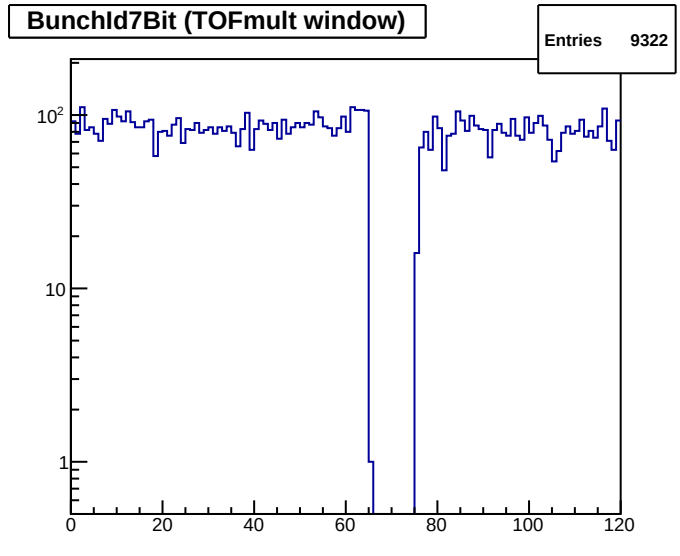

BunchId7Bit (VPD-TAC)
Entries 145126

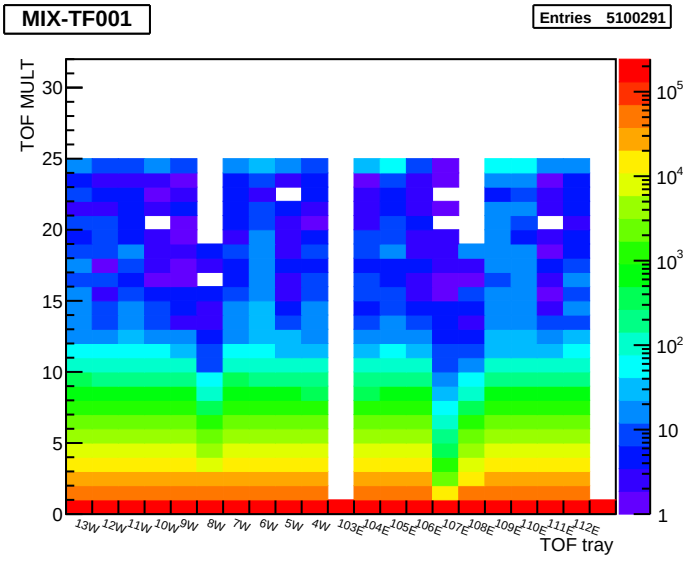

BunchId7Bit (ZDC-TAC)
Entries 577

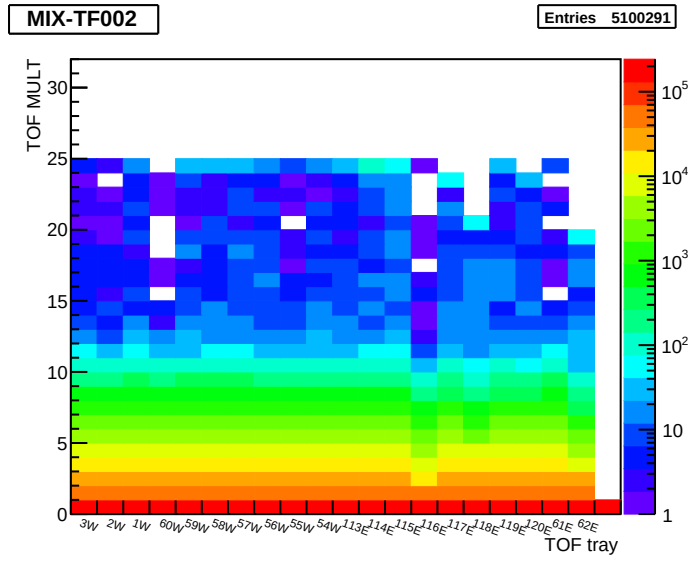

BunchId7Bit (EPD-TAC)
Entries 197072

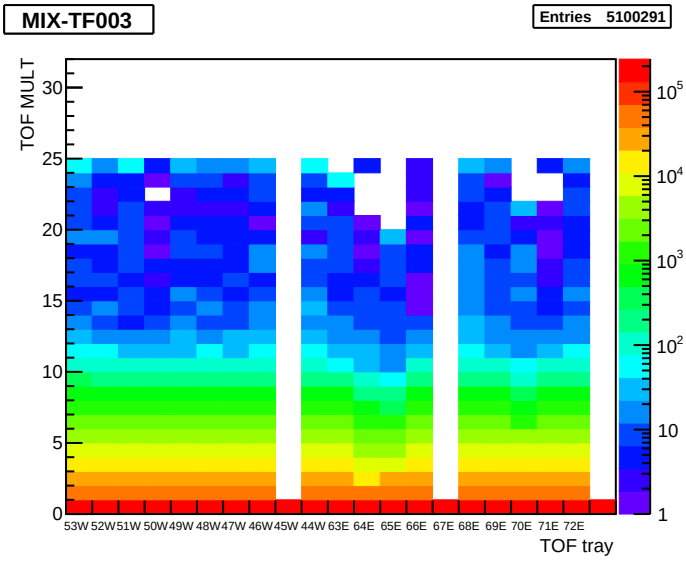

BunchId7Bit (BBC-TAC)
Entries 118587

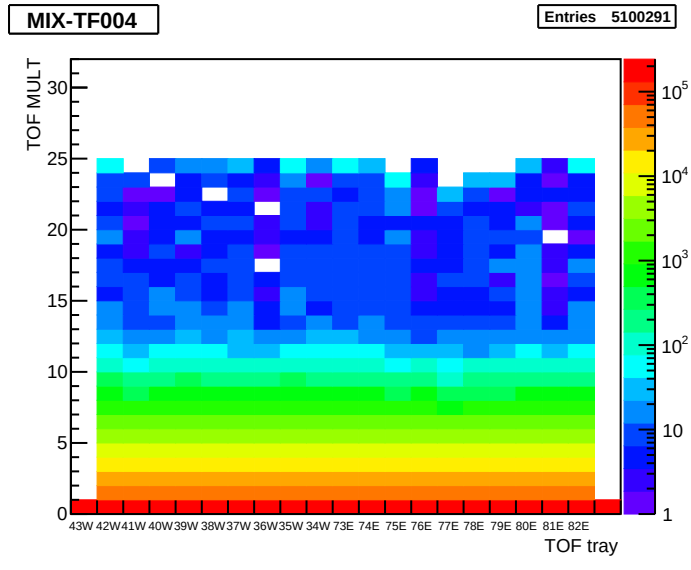

BunchId7Bit (Laser)
Entries 0

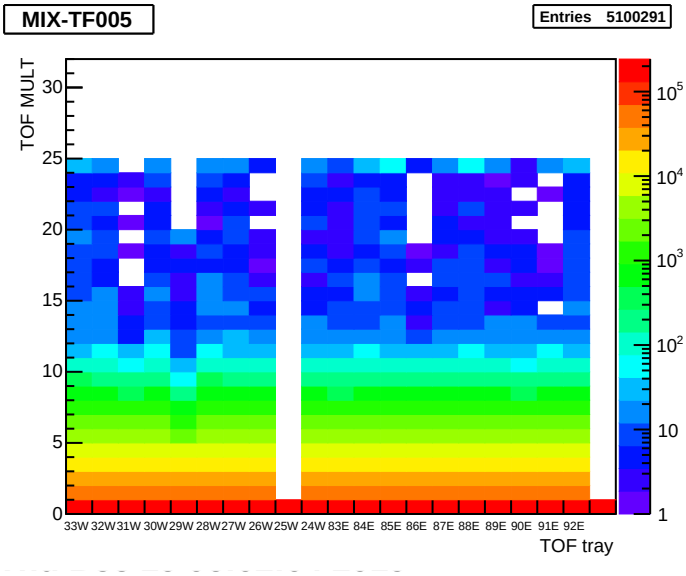

BunchId7Bit (TOFmult window)
Entries 9322

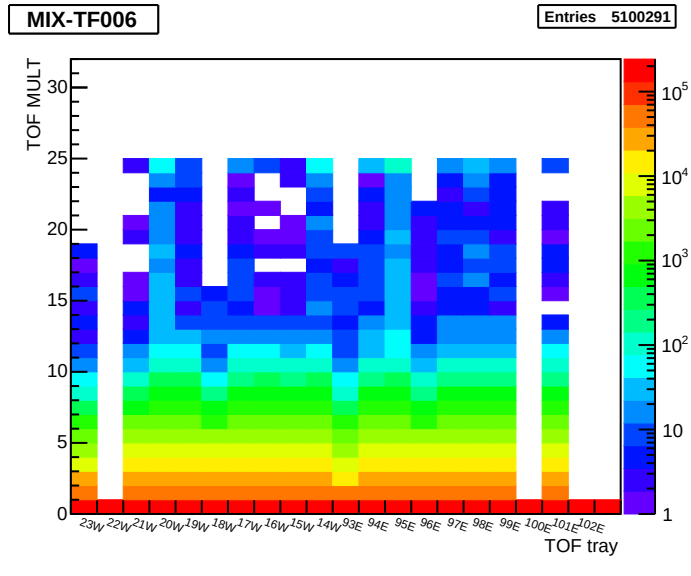

MIX-TF001
Entries 5100291
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

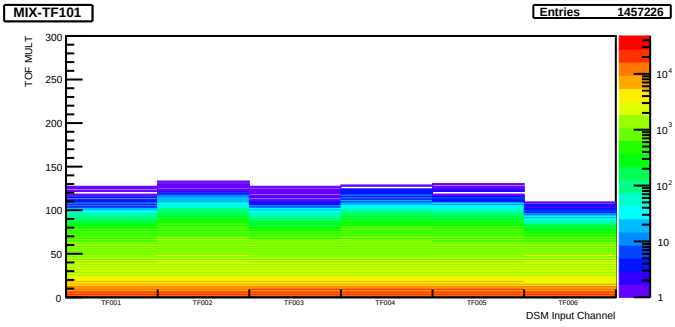

MIX-TF002
Entries 5100291
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

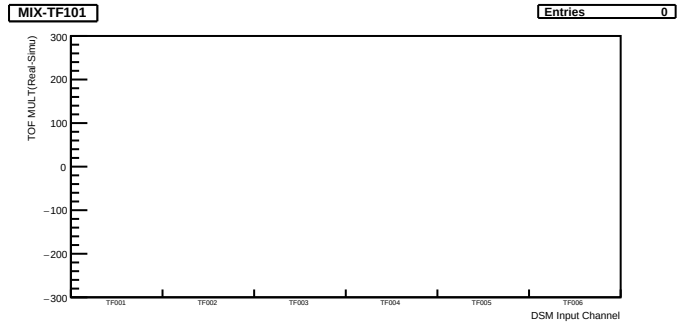

MIX-TF003
Entries 5100291
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

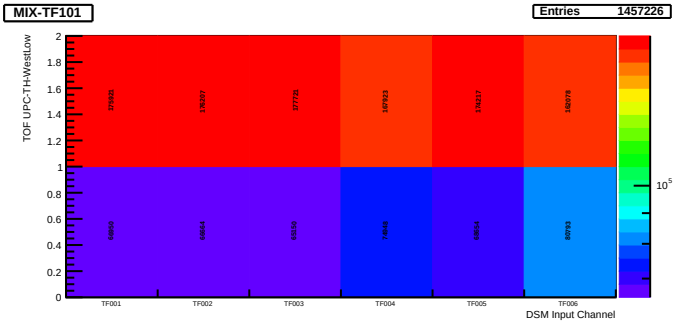

MIX-TF004
Entries 5100291
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

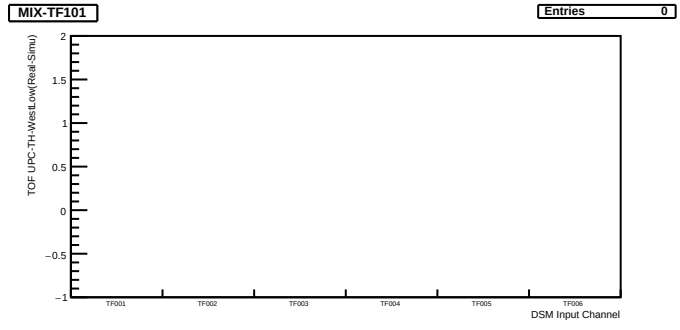

MIX-TF005
Entries 5100291
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

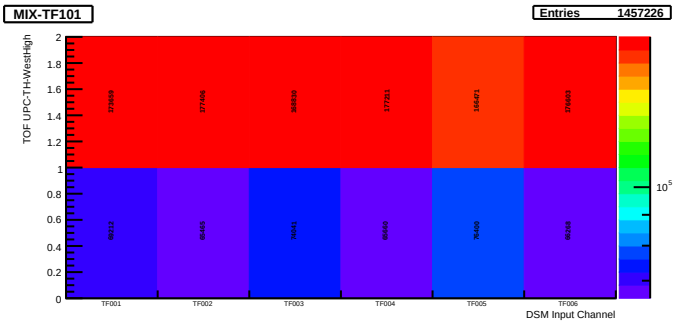

MIX-TF006
Entries 5100291
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

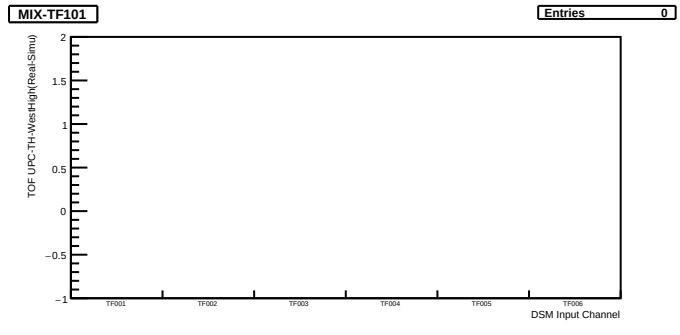

MIX-TF101
Entries 1457226
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

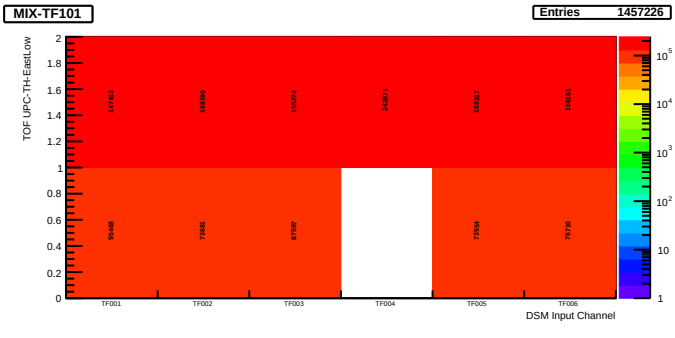

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

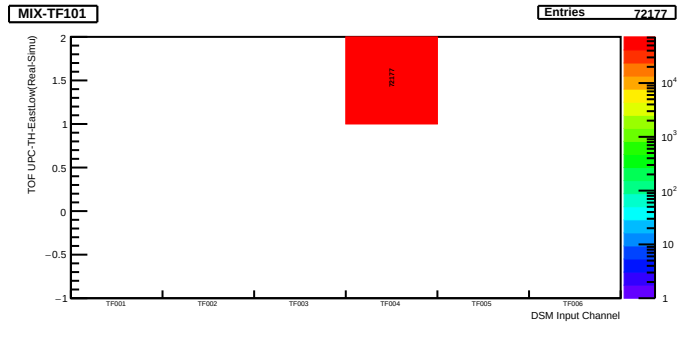

MIX-TF101
Entries 1457226
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

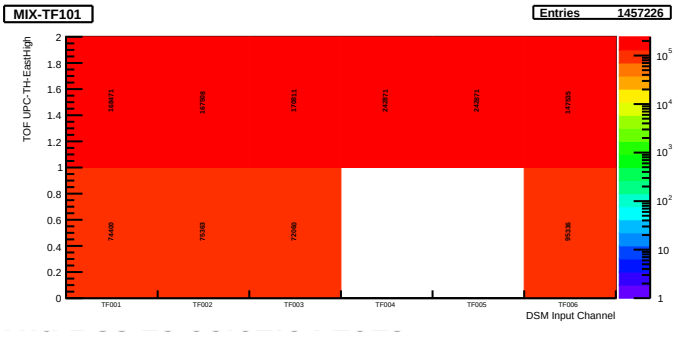

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

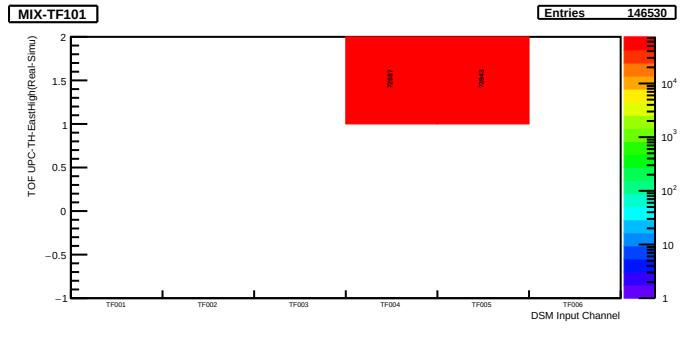

MIX-TF101
Entries 1457226
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

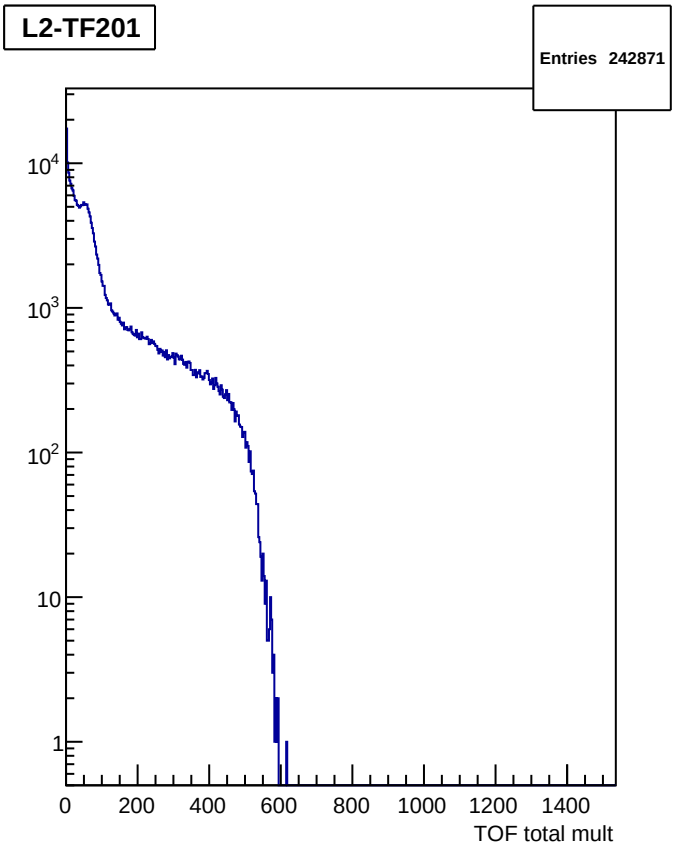

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

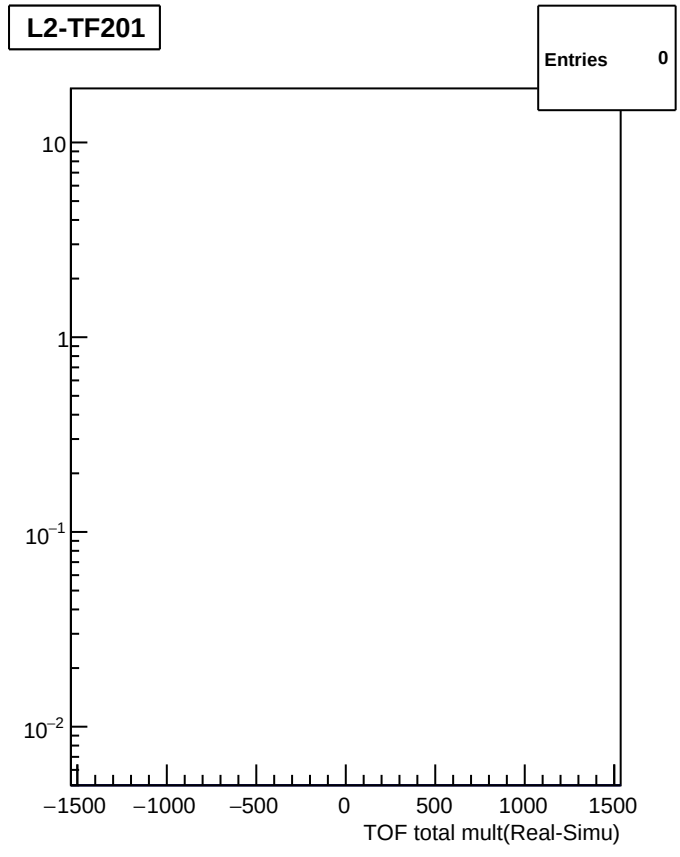

MIX-TF101
Entries 1457226
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

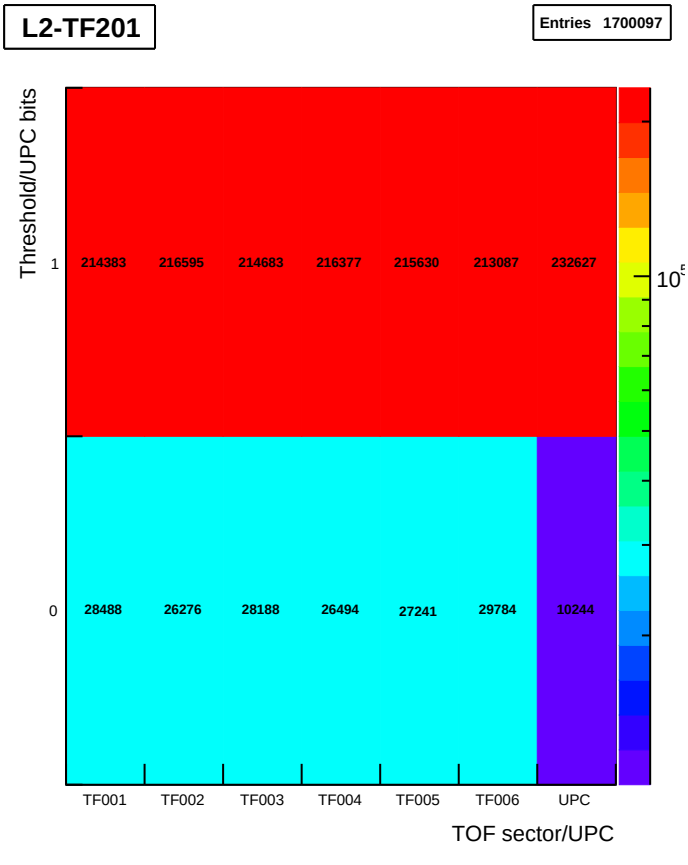

MIX-TF101
Entries 72177
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

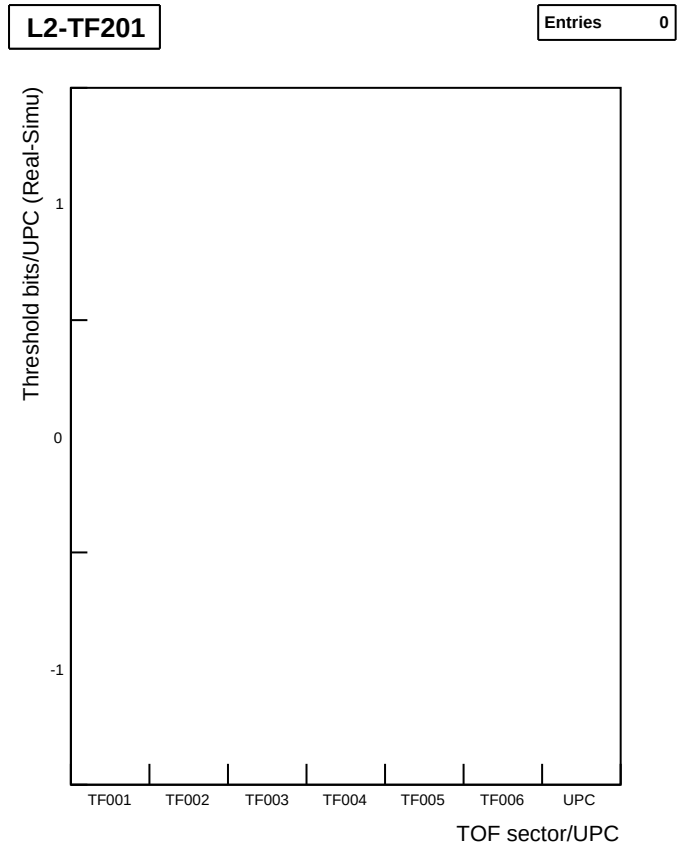

MIX-TF101
Entries 1457226
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

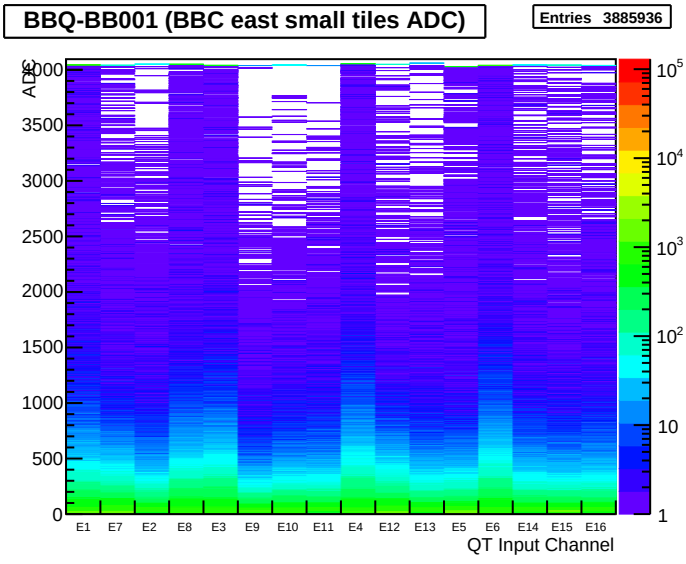

MIX-TF101
Entries 146530
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

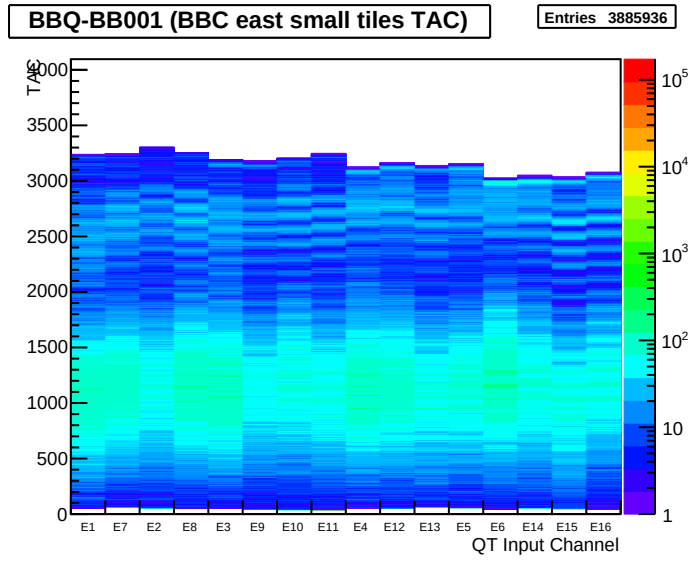

L2-TF201
Entries 242871
TOF total mult

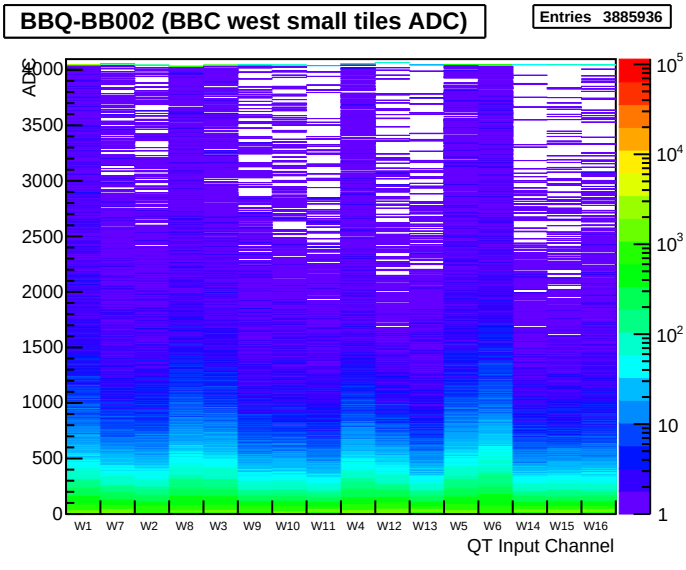

L2-TF201
Entries 0
TOF total mult(Real-Simu)

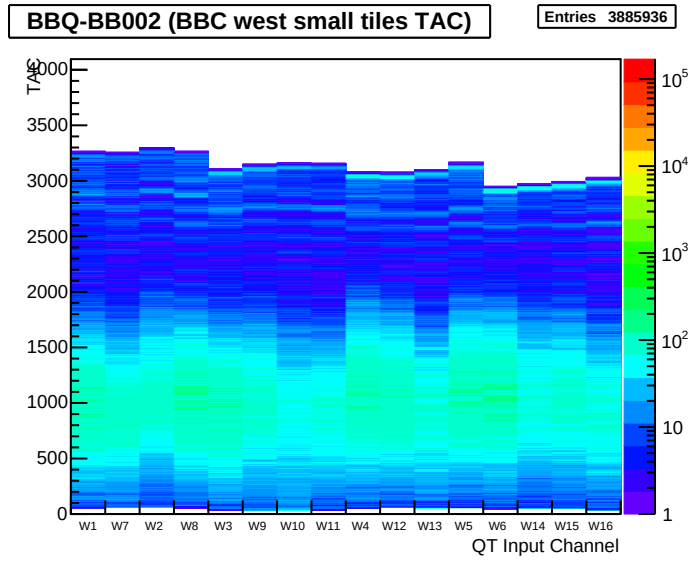

L2-TF201
Entries 1700097
Threshold/UPC bits
214383
216595
214683
216377
215630
213087
232627
28488
26276
28188
26494
27241
29784
10244
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

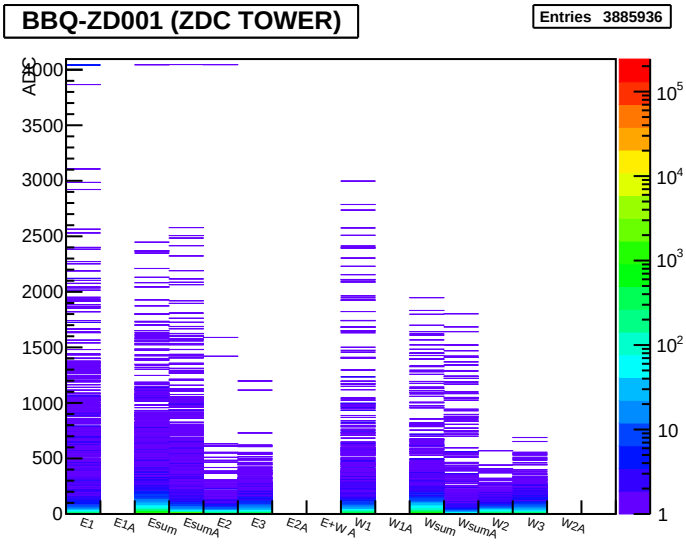

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

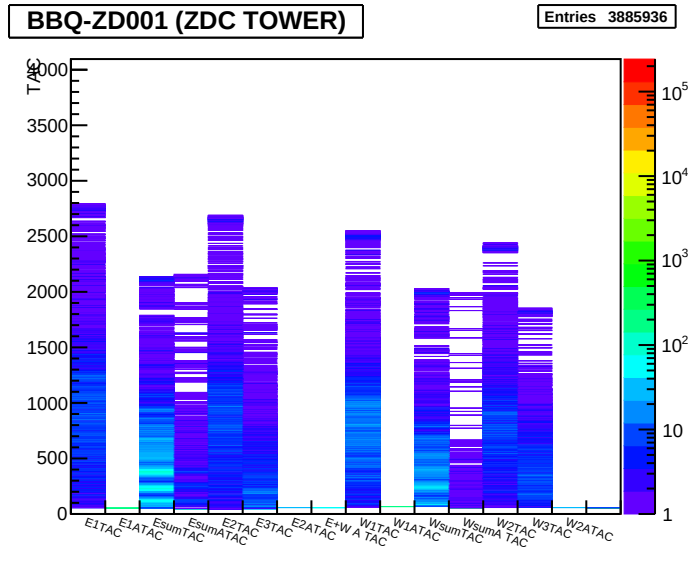

BBQ-BB001 (BBC east small tiles ADC)
Entries 3885936
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

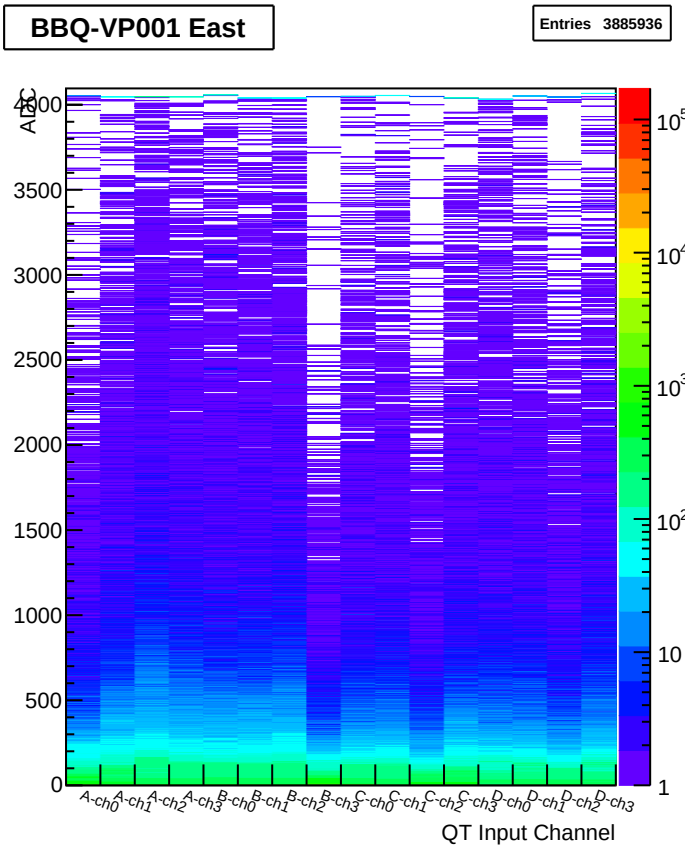

BBQ-BB001 (BBC east small tiles TAC)
Entries 3885936
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

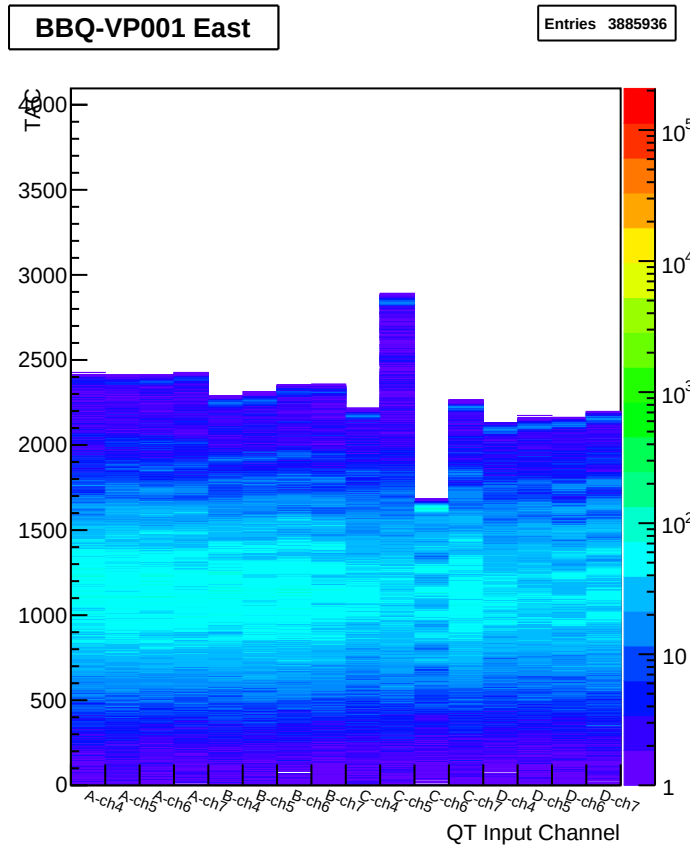

BBQ-BB002 (BBC west small tiles ADC)
Entries 3885936
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

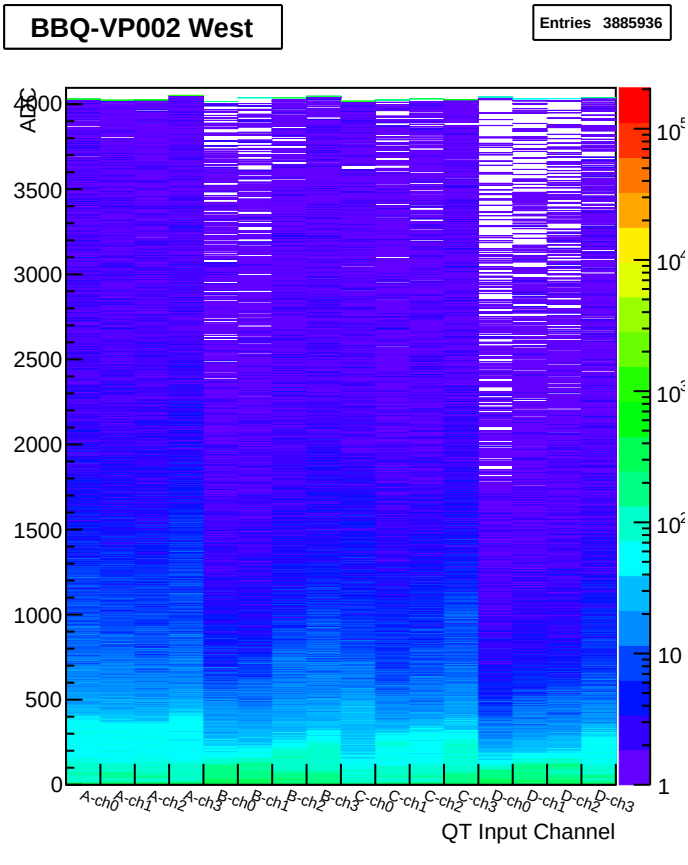

BBQ-BB002 (BBC west small tiles TAC)
Entries 3885936
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

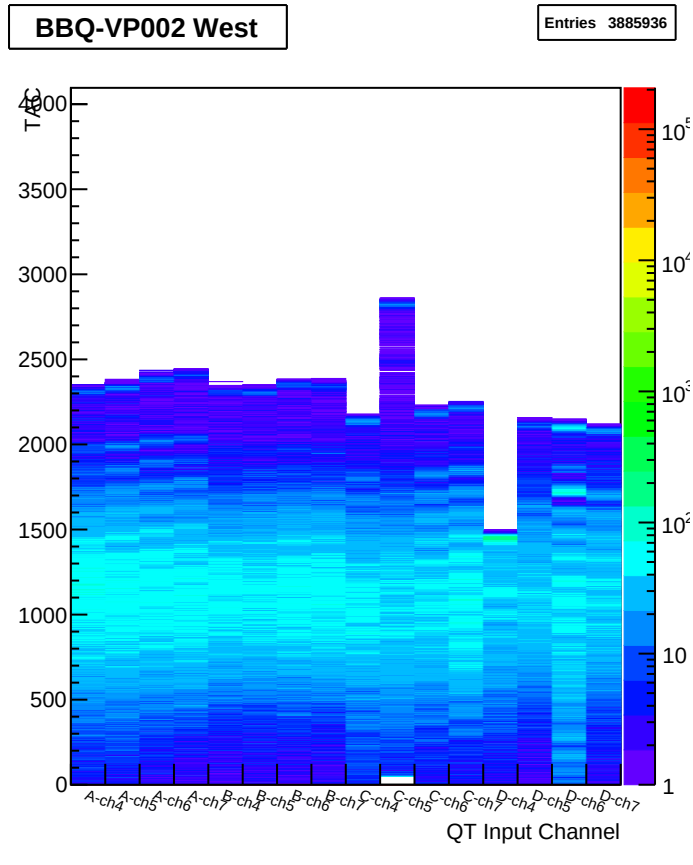

BBQ-ZD001 (ZDC TOWER)
Entries 3885936
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

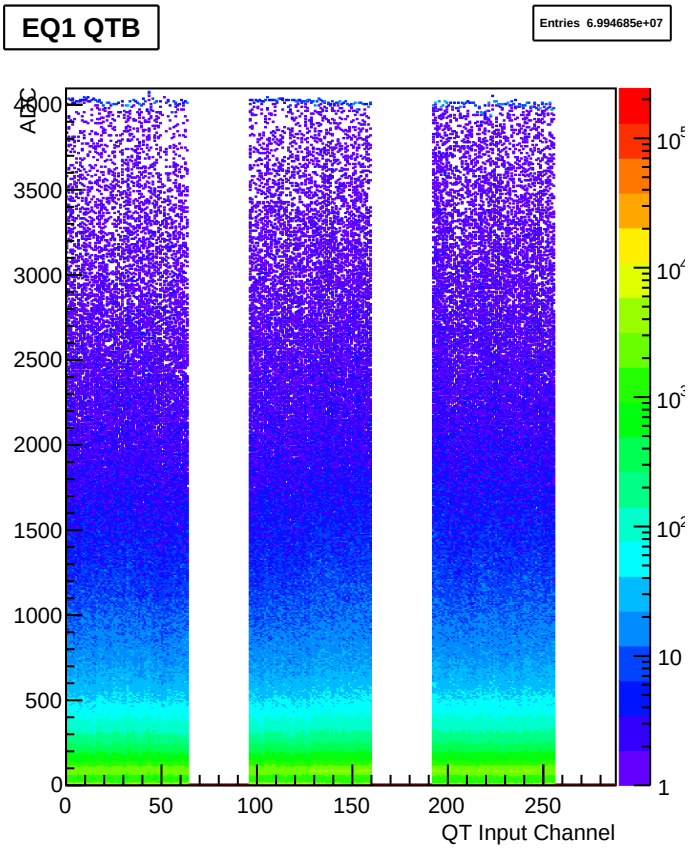

BBQ-ZD001 (ZDC TOWER)
Entries 3885936
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

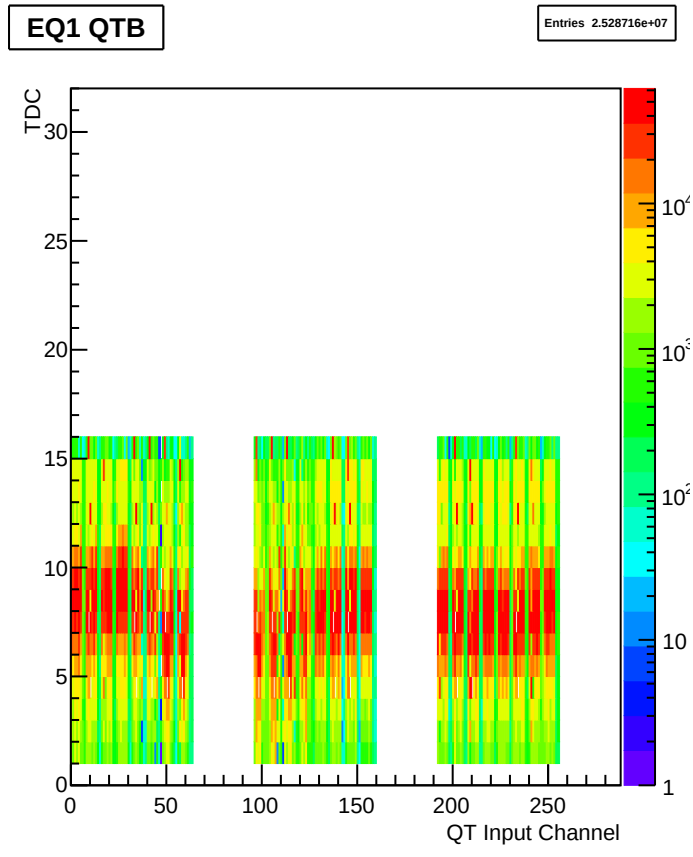

BBQ-VP001 East
Entries 3885936
ADC
QT Input Channel

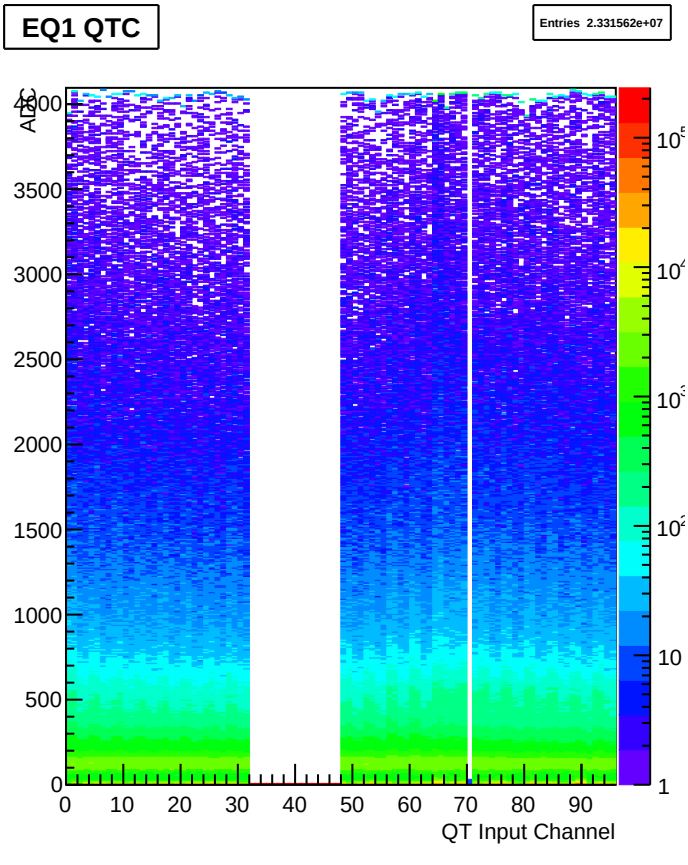

BBQ-VP001 East
Entries 3885936
TADC
QT Input Channel

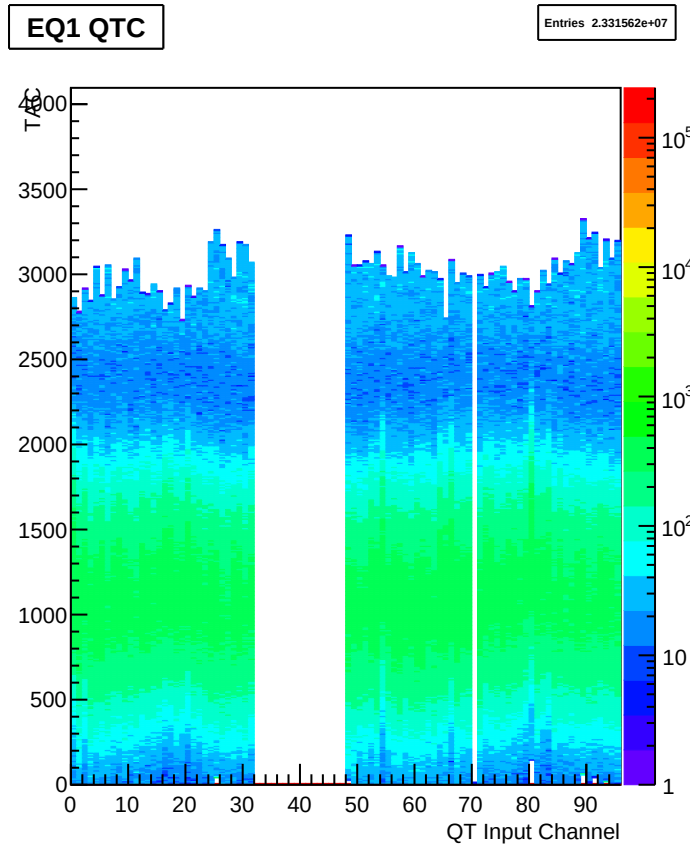

BBQ-VP002 West
Entries 3885936
ADC
QT Input Channel

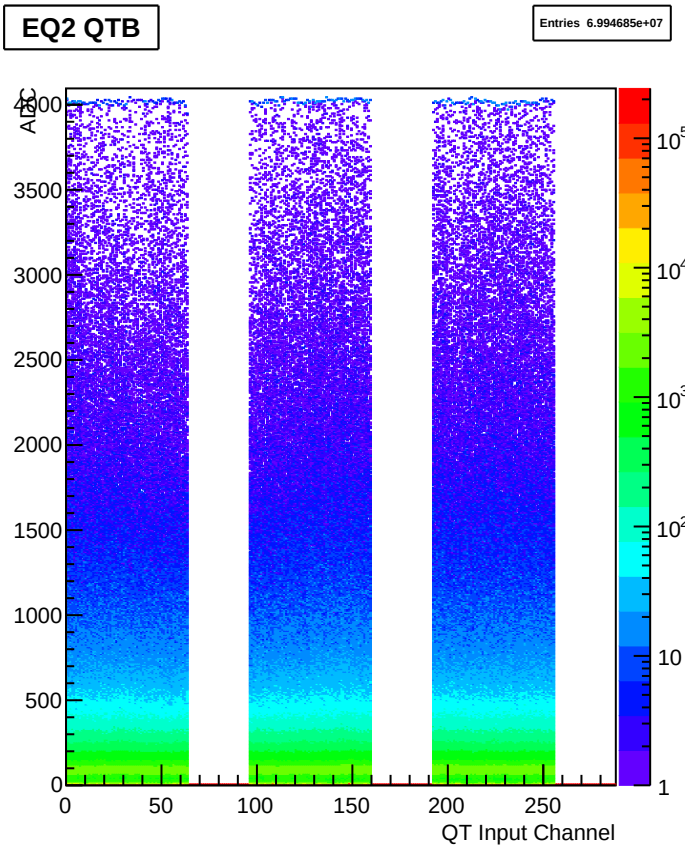

BBQ-VP002 West
Entries 3885936
TADC
QT Input Channel

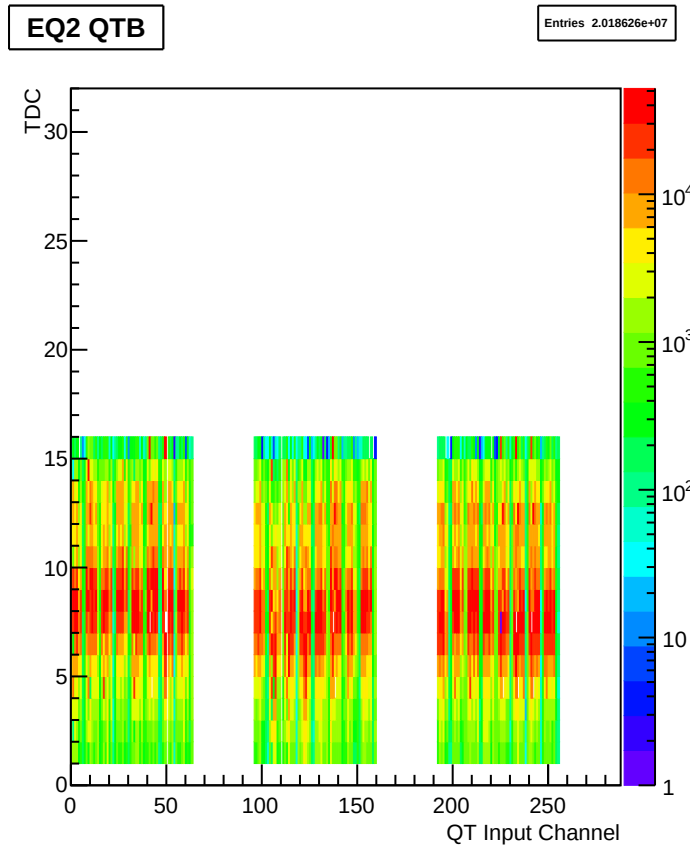

EQ1 QTB
Entries 6.994685e+07
ADC
QT Input Channel

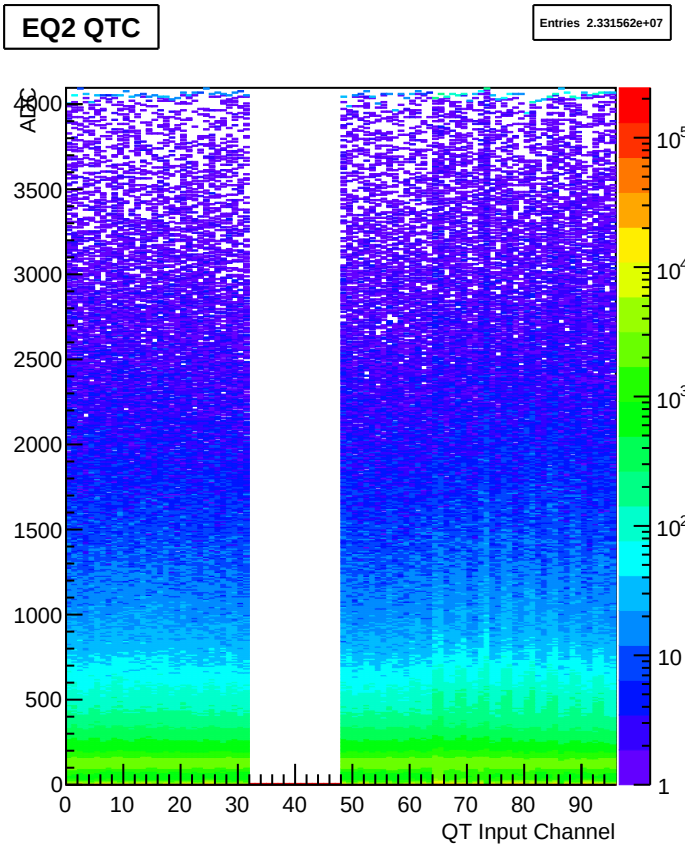

EQ1 QTB
Entries 2.528716e+07
TDC
QT Input Channel

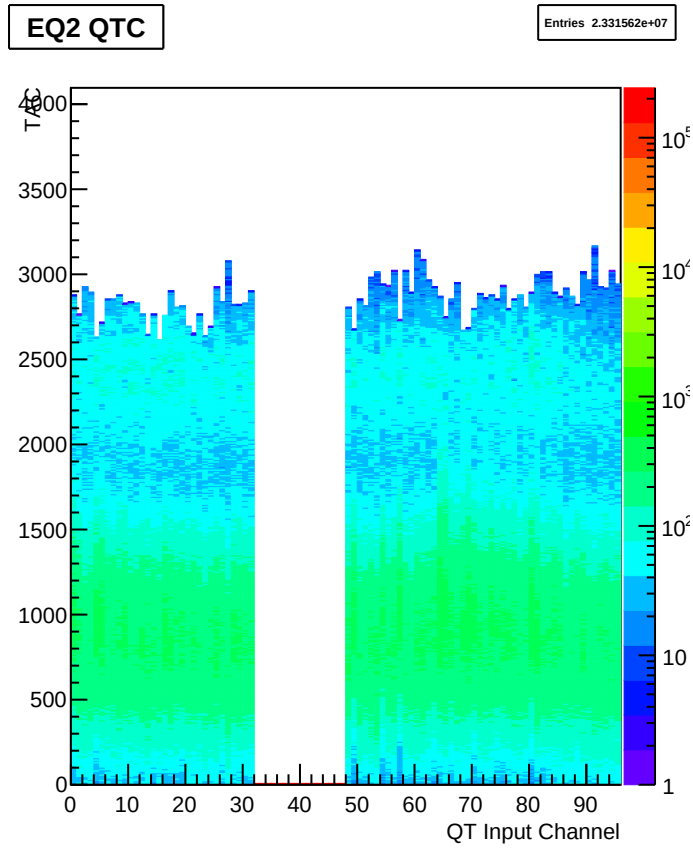

EQ1 QTC
Entries 2.331562e+07
ADC
QT Input Channel

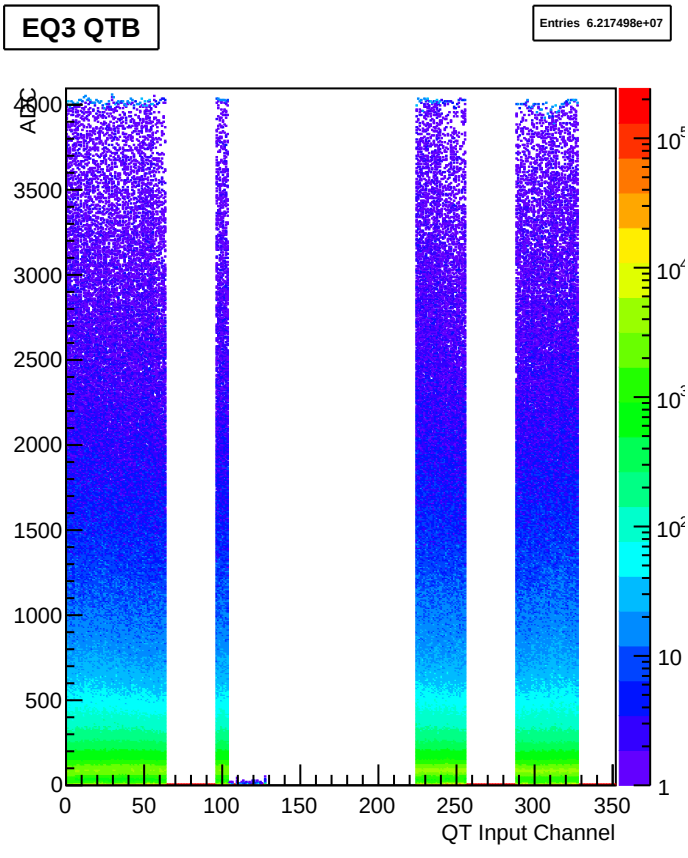

EQ1 QTC
Entries 2.331562e+07
TADC
QT Input Channel

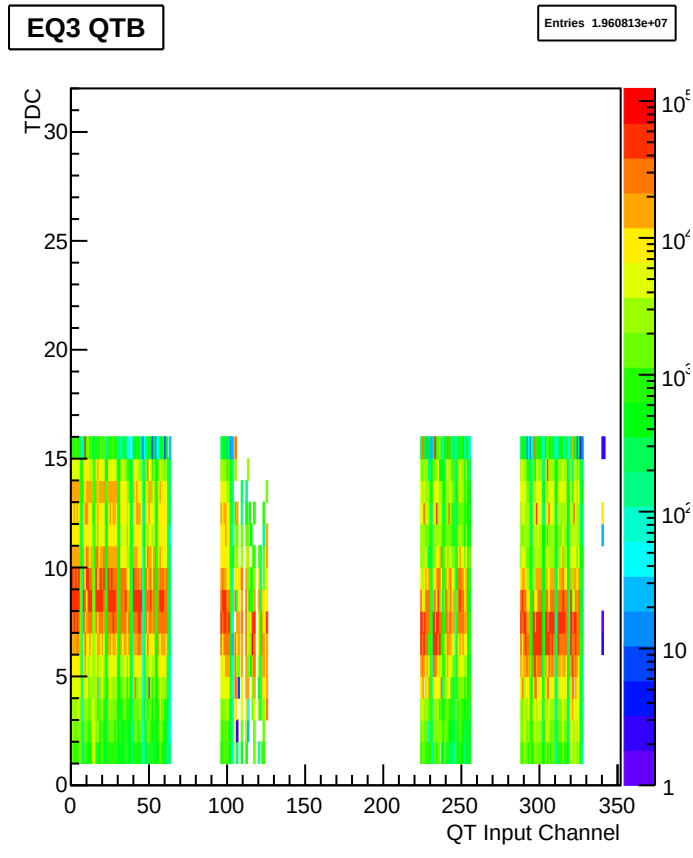

EQ2 QTB
Entries 6.994685e+07
ADC
QT Input Channel

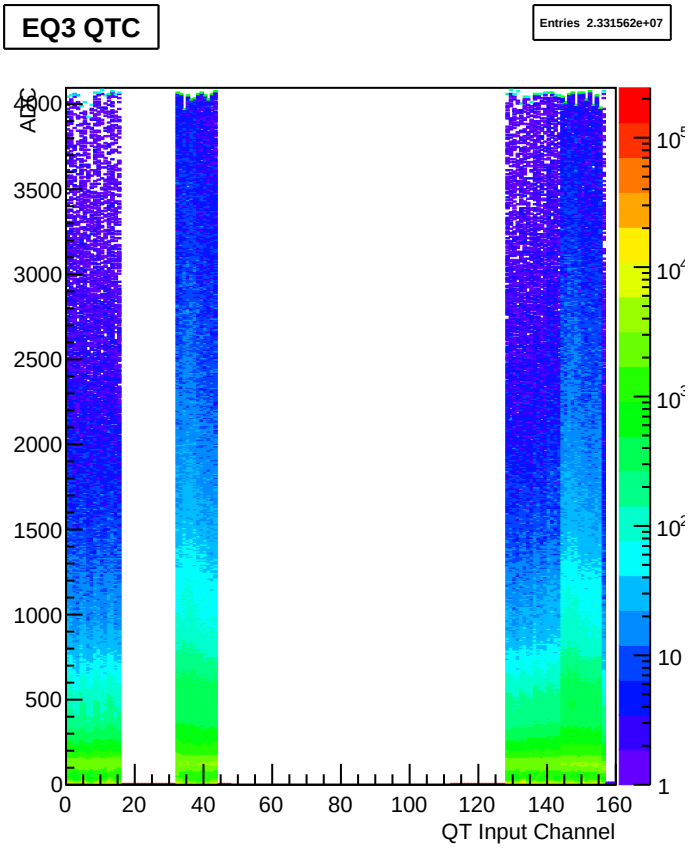

EQ2 QTB
Entries 2.018626e+07
TDC
QT Input Channel

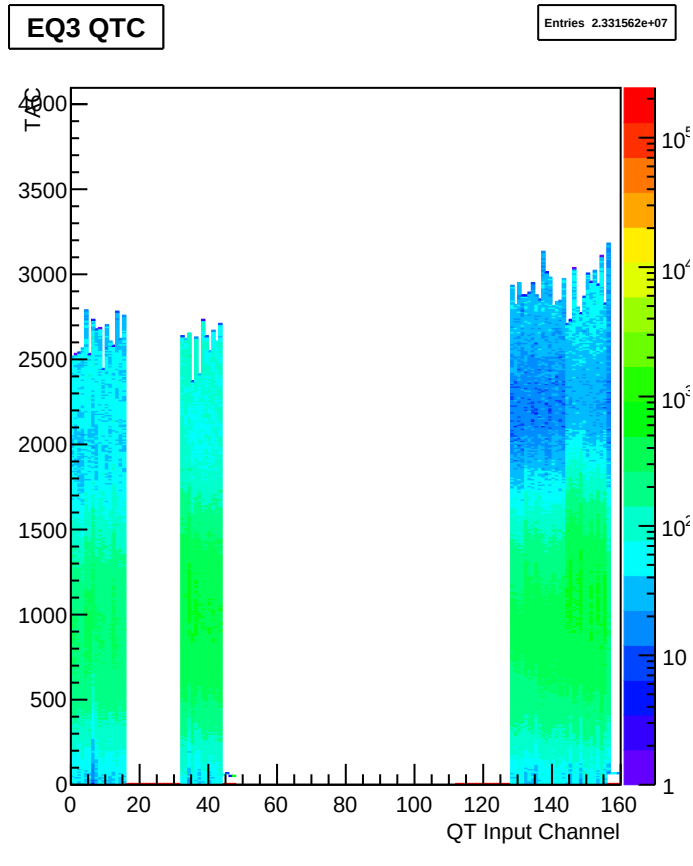

EQ2 QTC
Entries 2.331562e+07
ADC
QT Input Channel

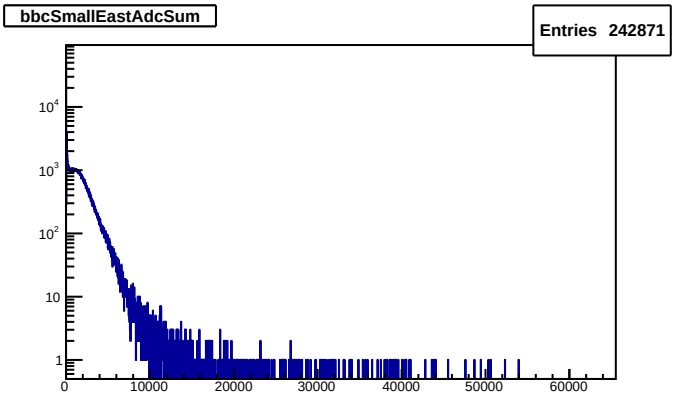

EQ2 QTC
Entries 2.331562e+07
TADC
QT Input Channel

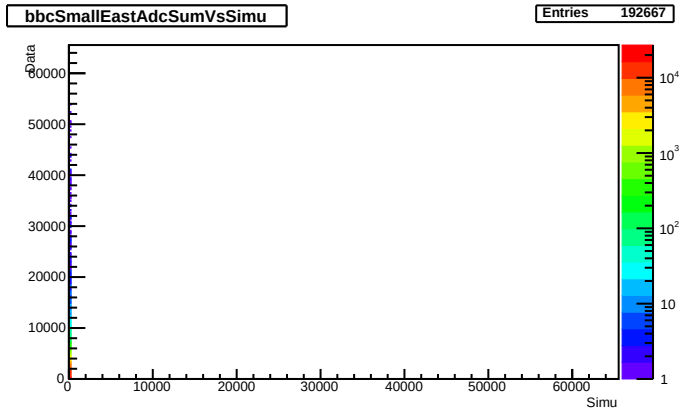

EQ3 QTB
Entries 6.217498e+07
ADC
QT Input Channel

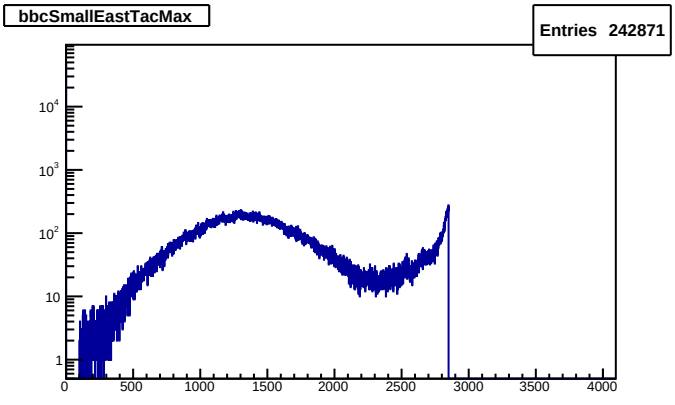

EQ3 QTB
Entries 1.960813e+07
TDC
QT Input Channel

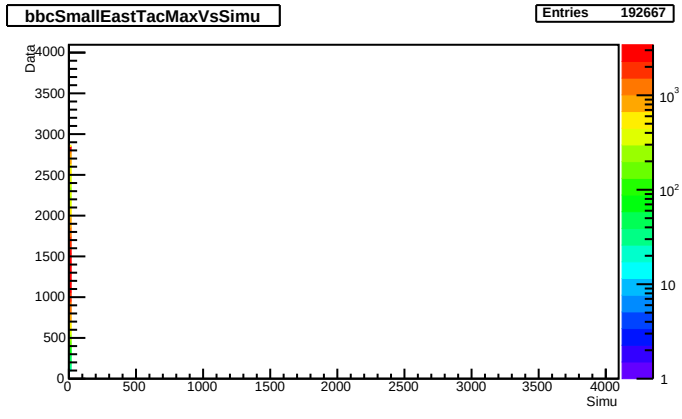

EQ3 QTC
Entries 2.331562e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.331562e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 242871


bbcSmallEastAdcSumVsSimu
Entries 192667
Data
Simu


bbcSmallEastTacMax
Entries 242871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Entries 192667
Data
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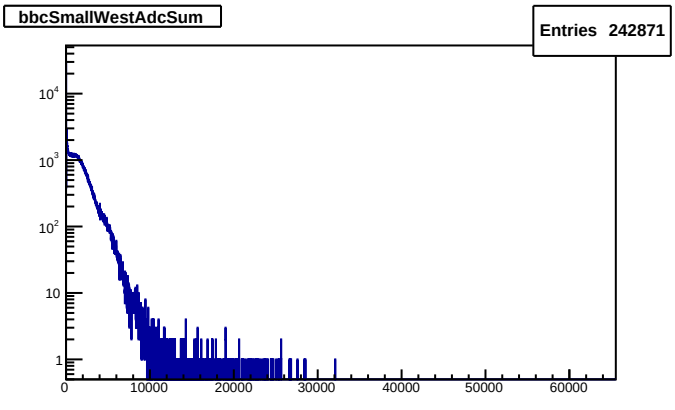
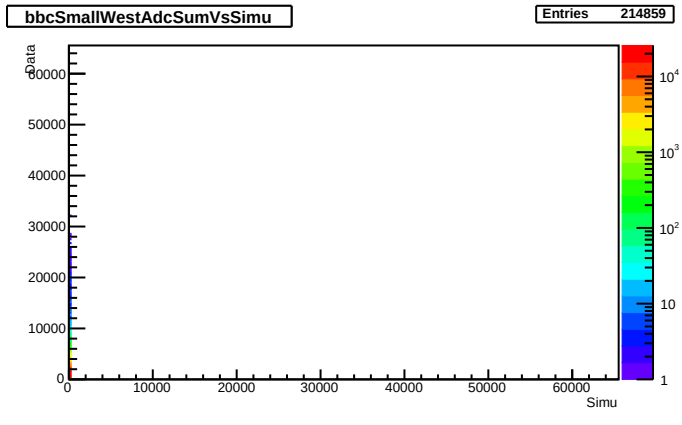

bbcSmallWestAdcSum
Entries 242871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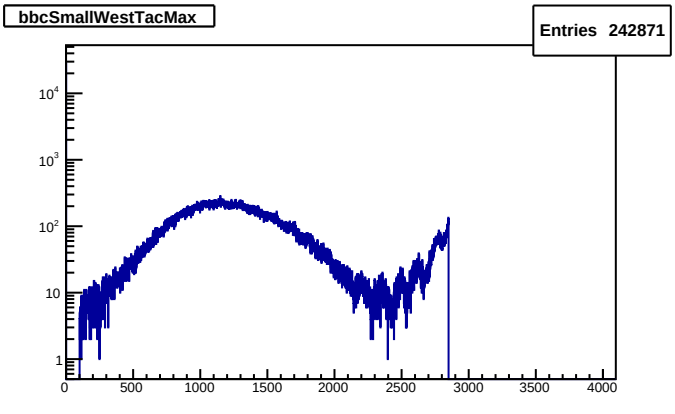
Entries 214859
Data
Simu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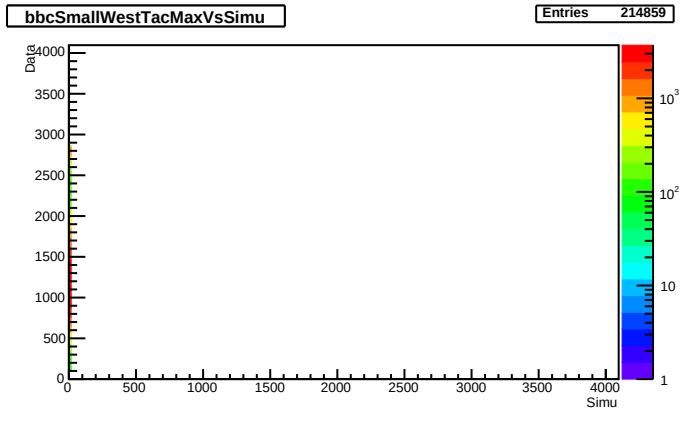
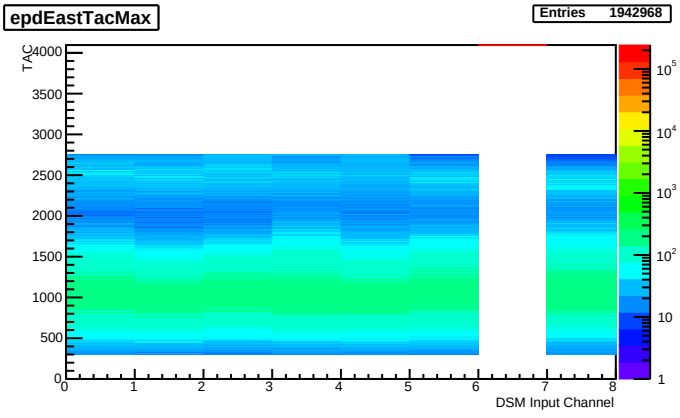
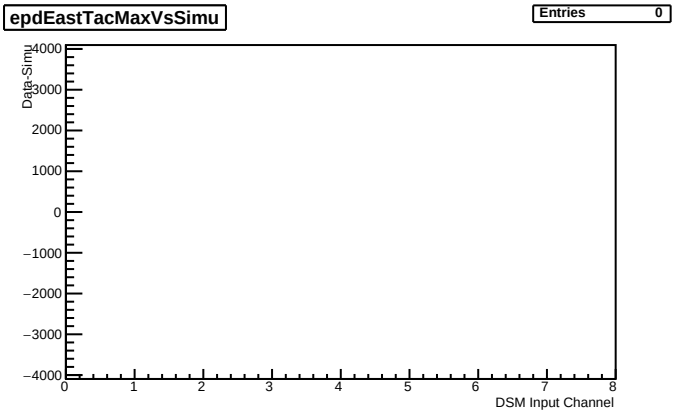
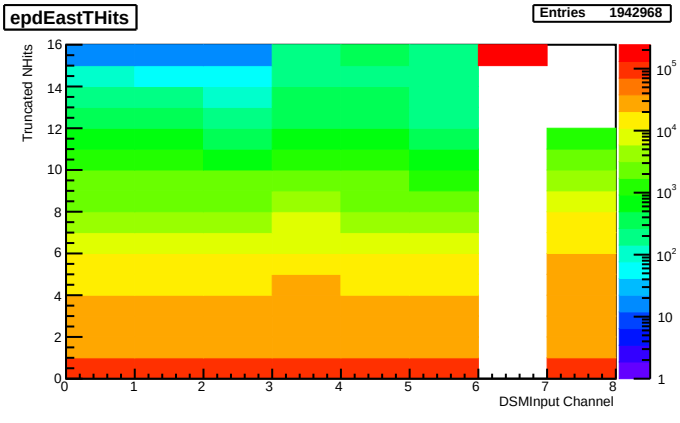
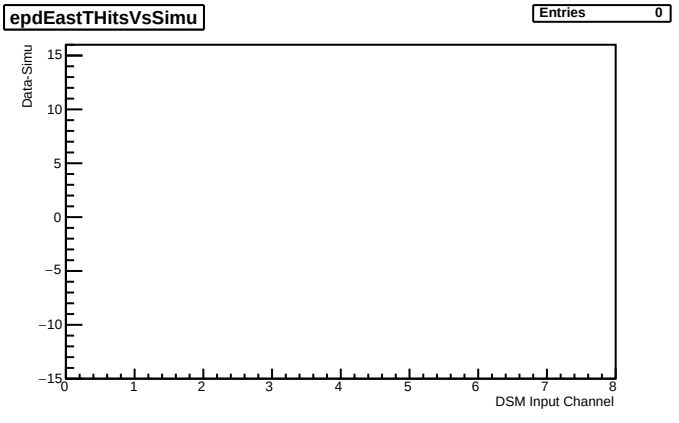
Entries 242871


bbcSmallWestTacMaxVsSimu
Entries 214859
Data
Simu


epdEastTacMax
Entries 1942968
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1942968
Truncated NHits
DSMInput Channel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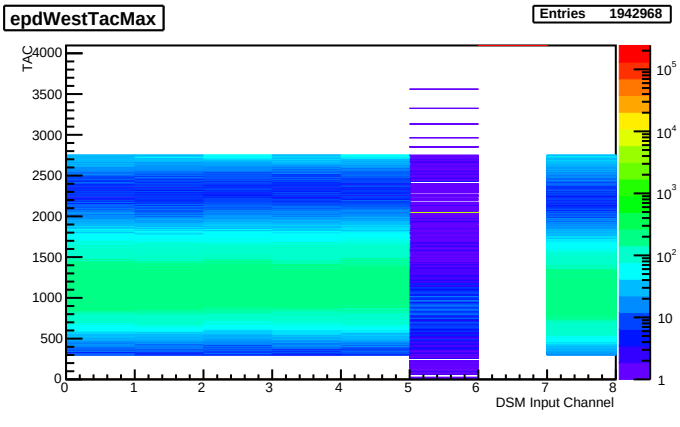
Data-Simu
DSM Input Channel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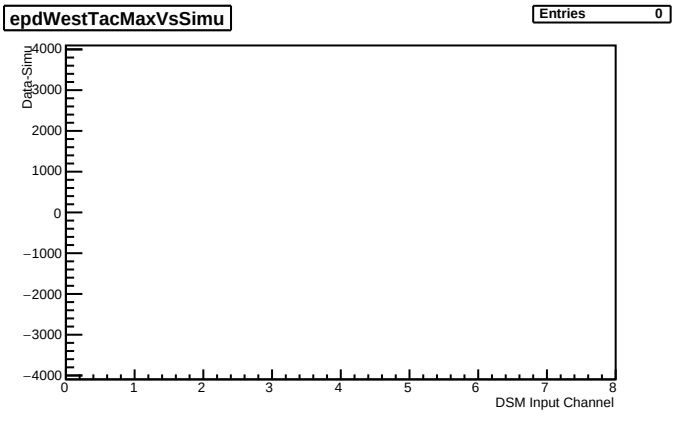
DSM Input Channel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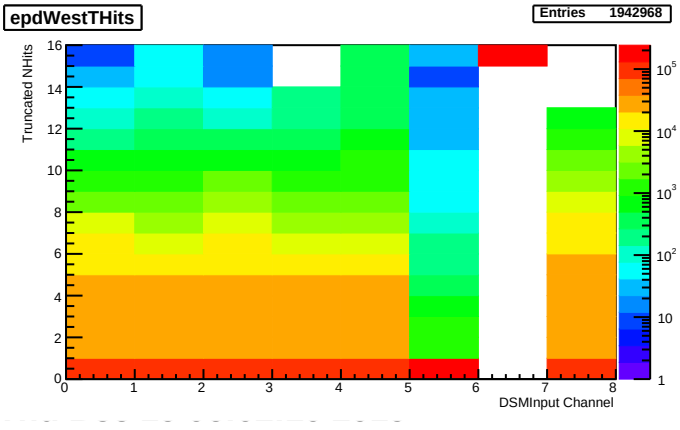
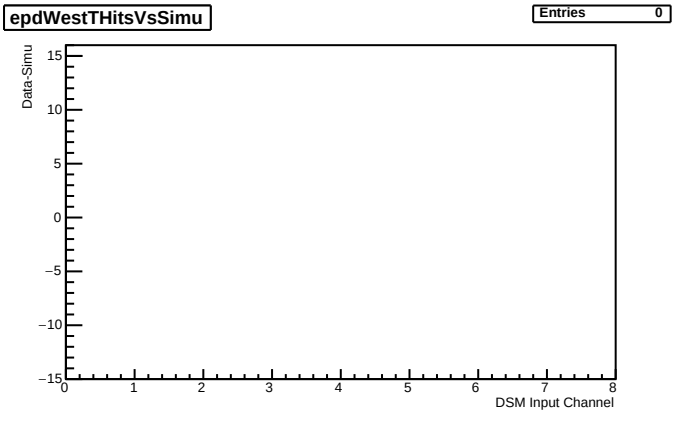
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1942968
Truncated NHits
DSMInput Channel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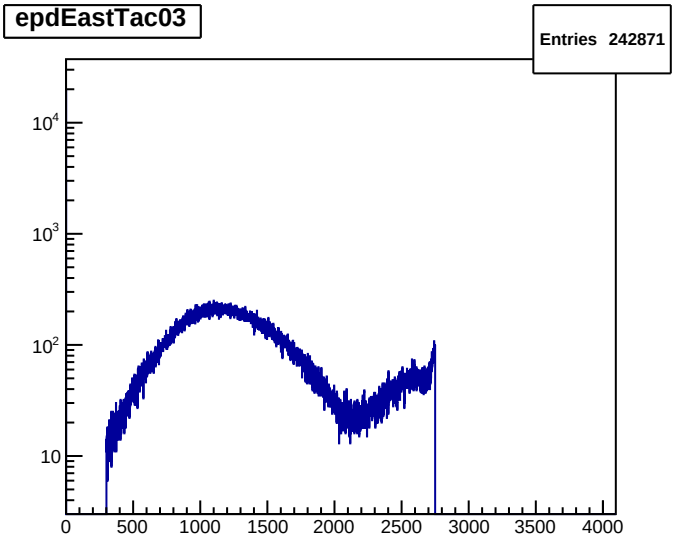
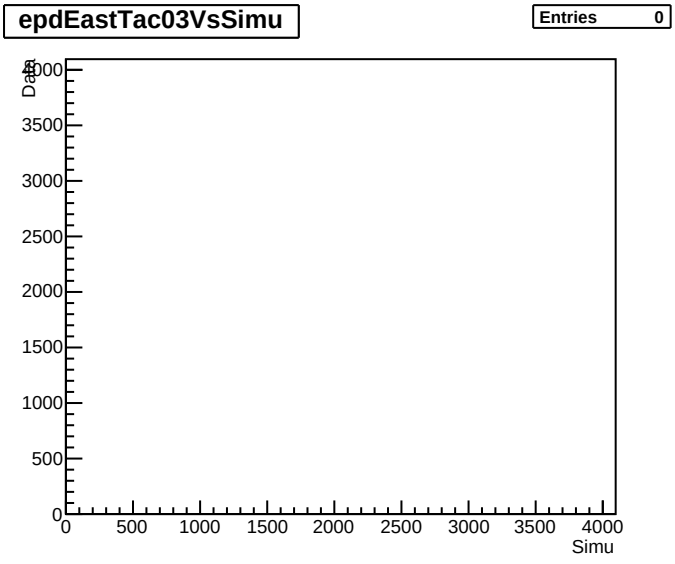
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 242871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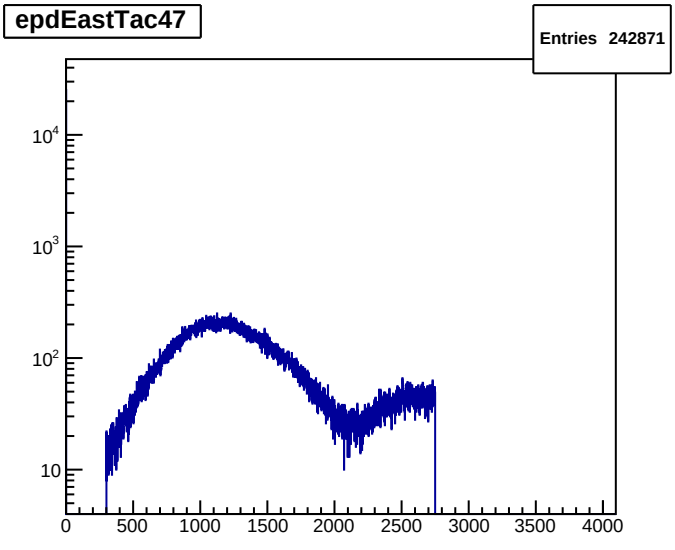
Entries 0
Data
Simu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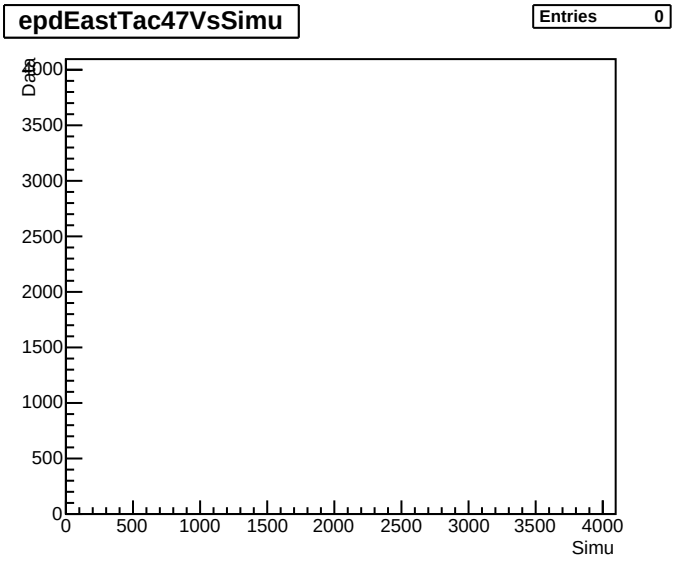
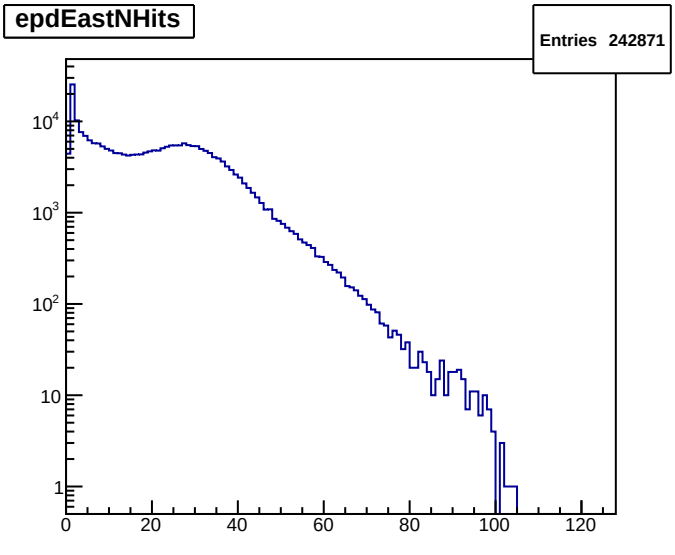
Entries 242871


epdEastTac47VsSimu
Entries 0
Data
Simu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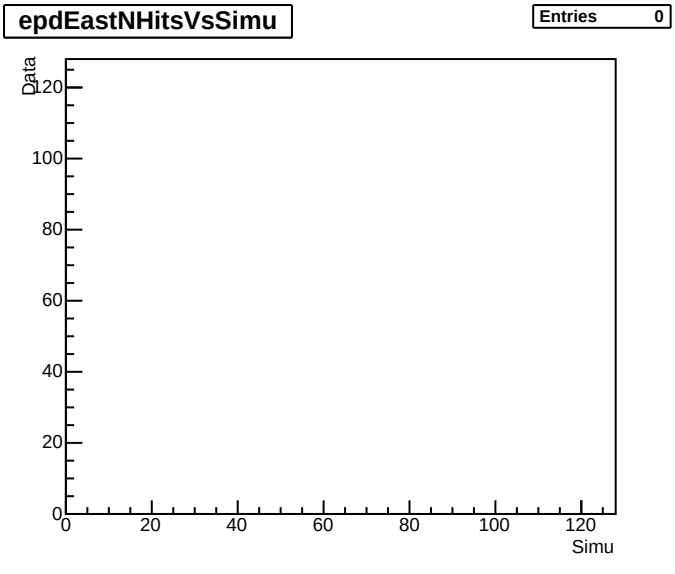
Entries 242871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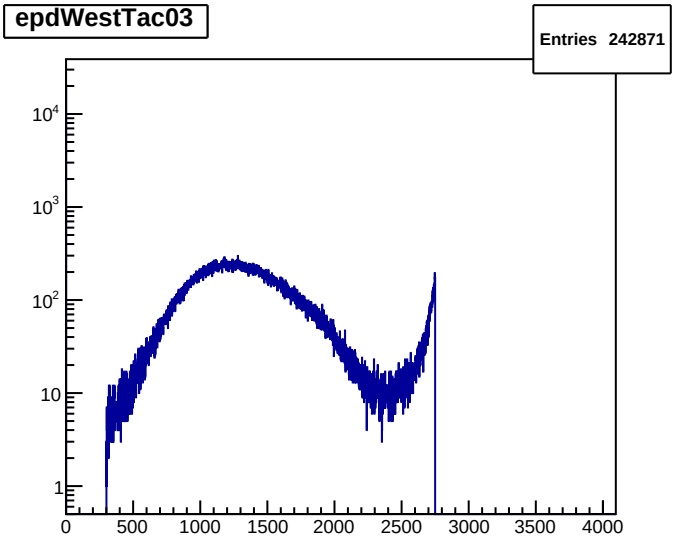
Entries 0
Data
Simu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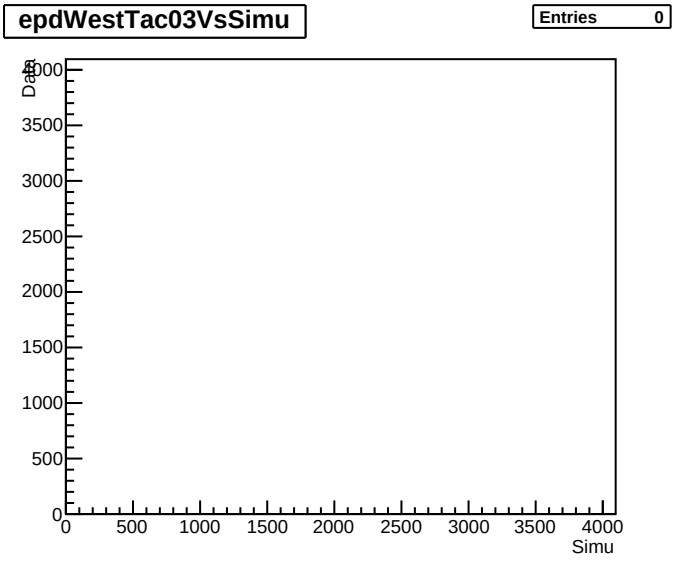
Entries 242871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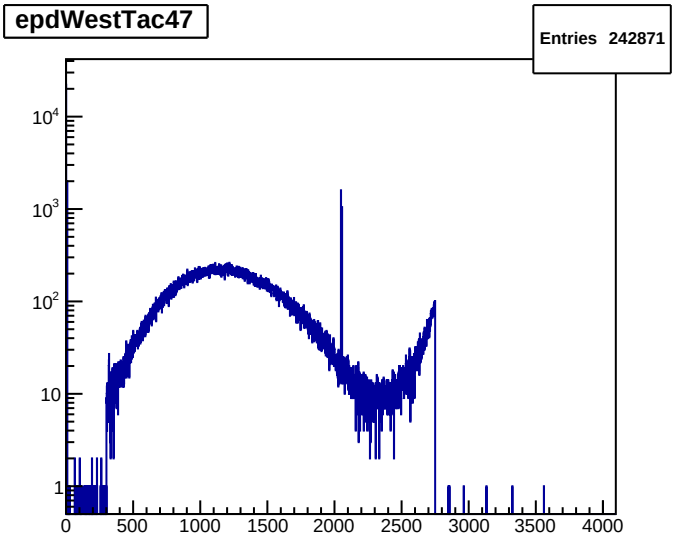
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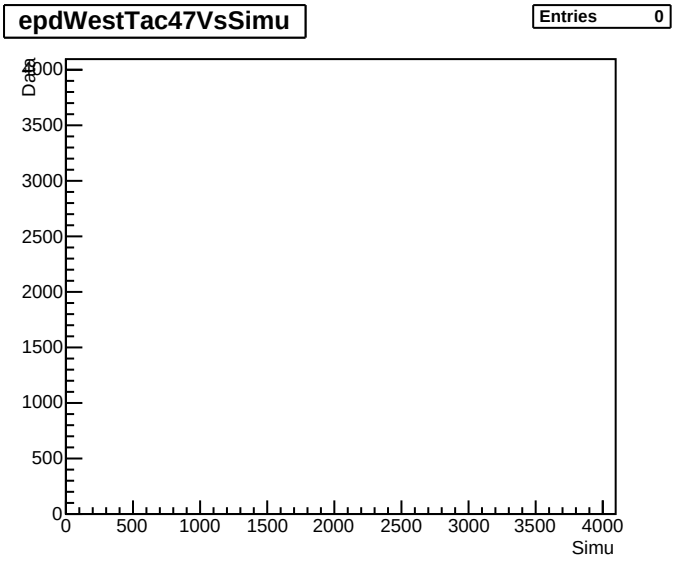
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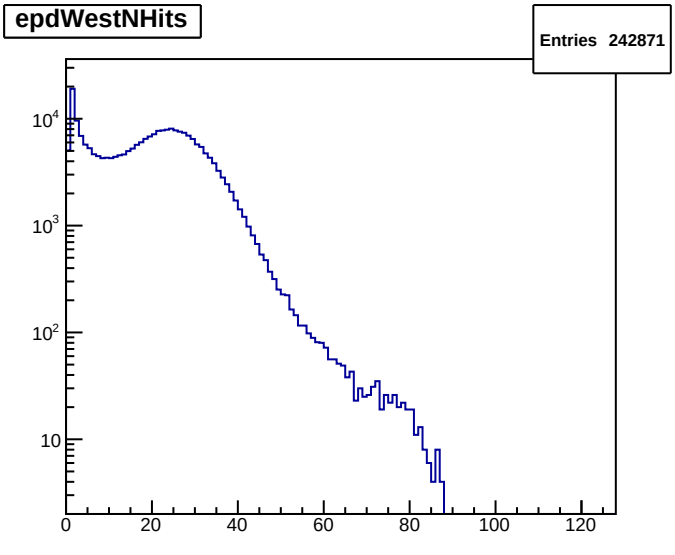
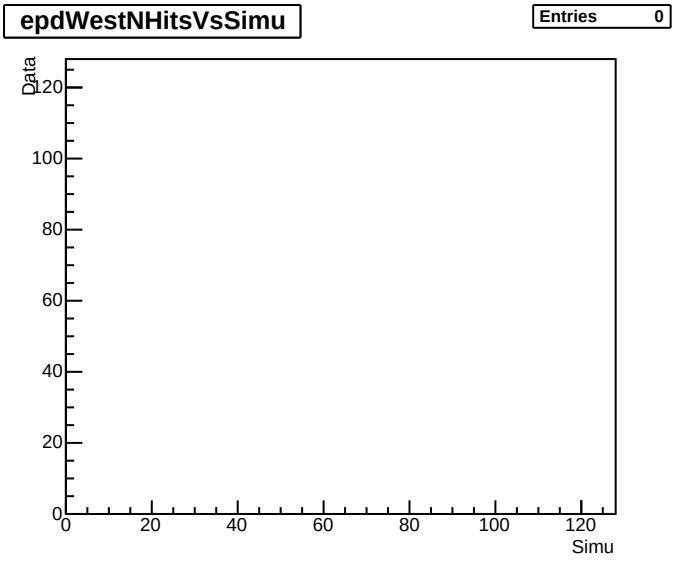
Entries 0
Data
Simu


epdWestNHits
Entries 242871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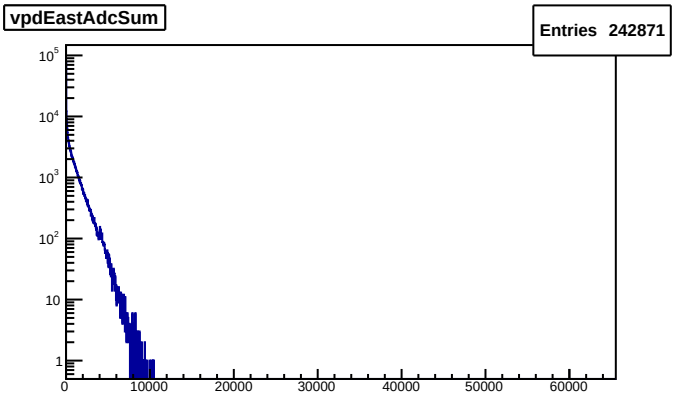
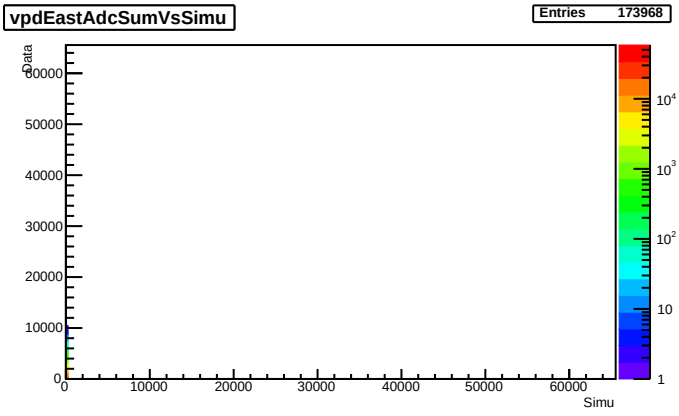
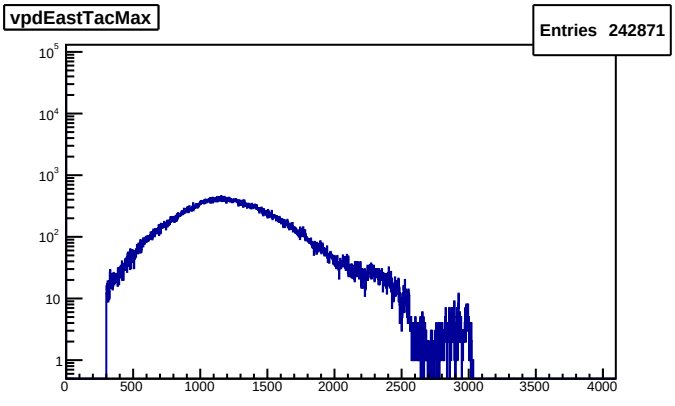
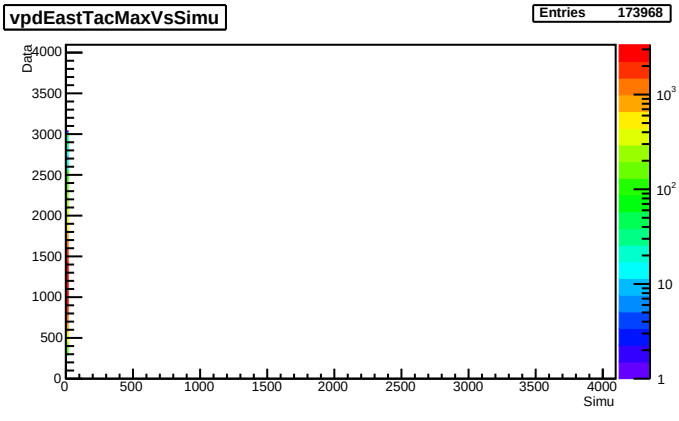
Entries 0
Data
Simu


vpdEastAdcSum
Entries 242871


vpdEastAdcSumVsSimu
Entries 173968
Data
Simu


vpdEastTacMax
Entries 242871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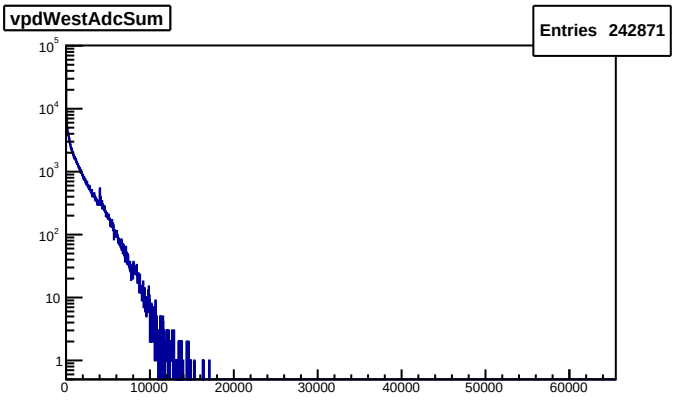
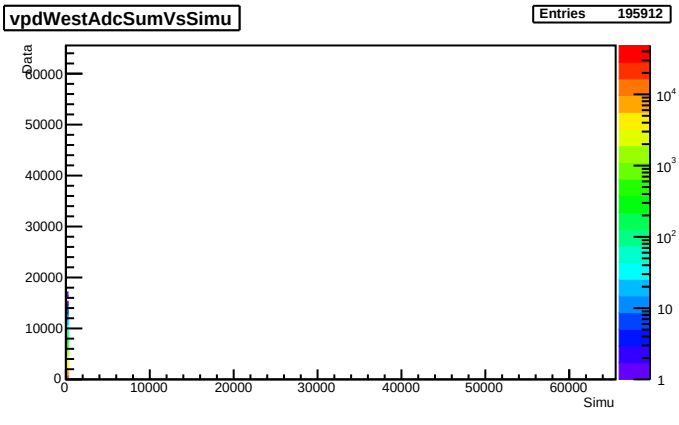
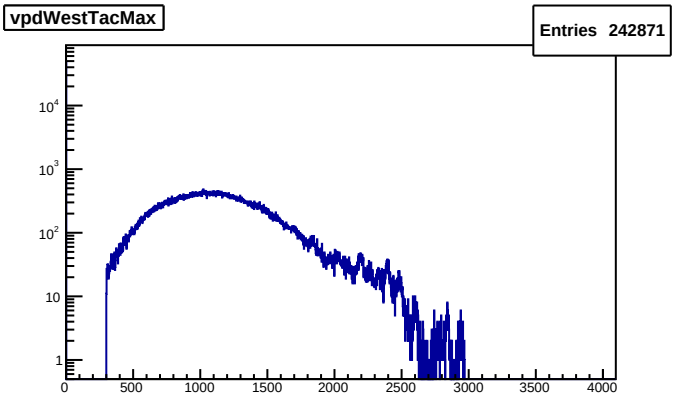
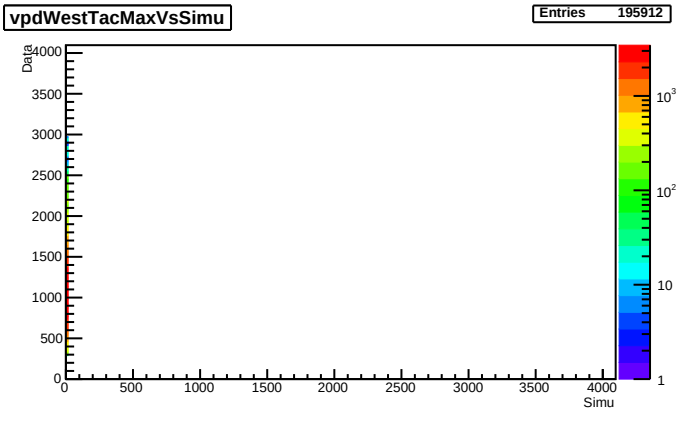
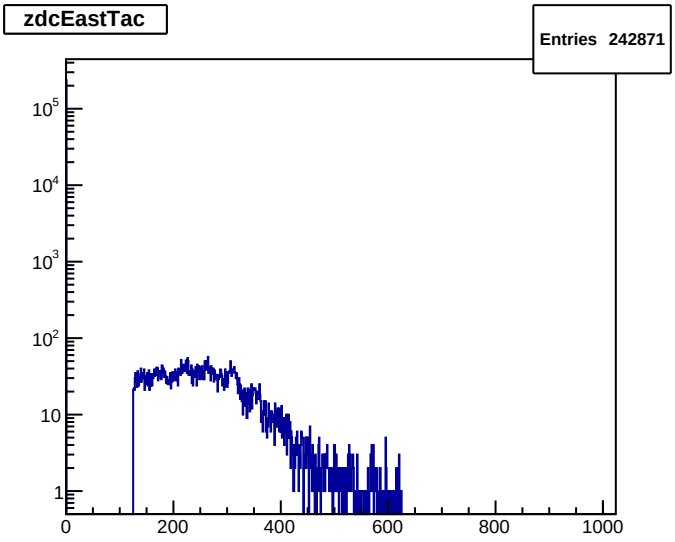
Entries 173968
Data
Simu

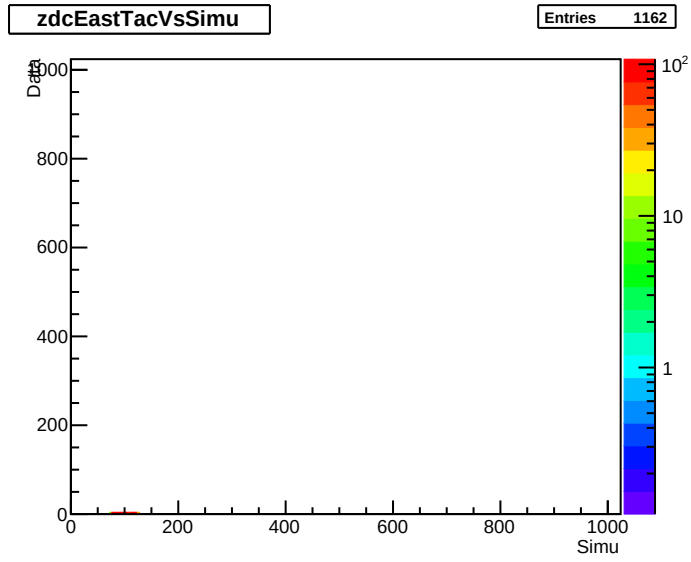

vpdWestAdcSum
Entries 242871

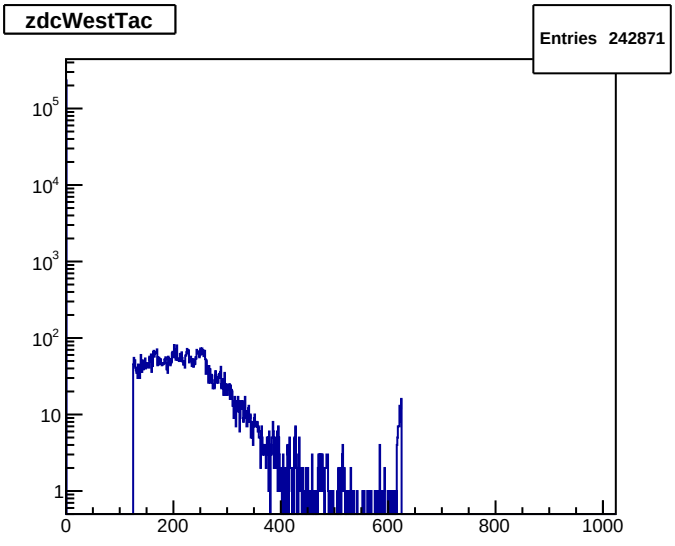

vpdWestAdcSumVsSimu
Entries 195912
Data
Simu

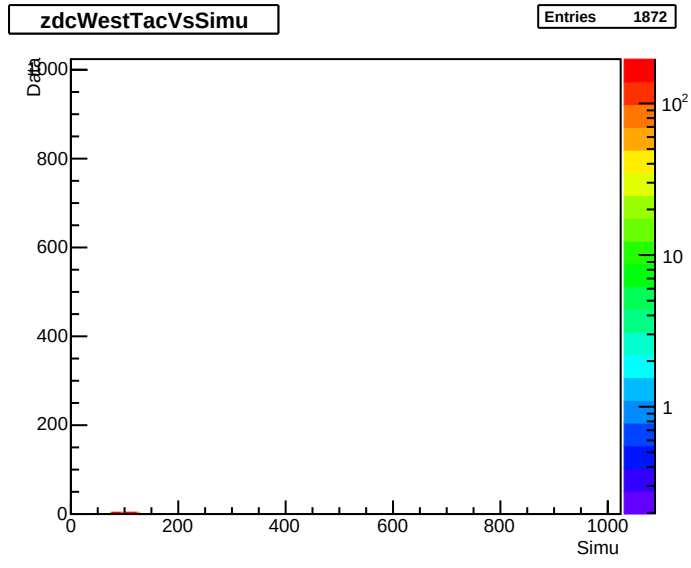

vpdWestTacMax
Entries 242871

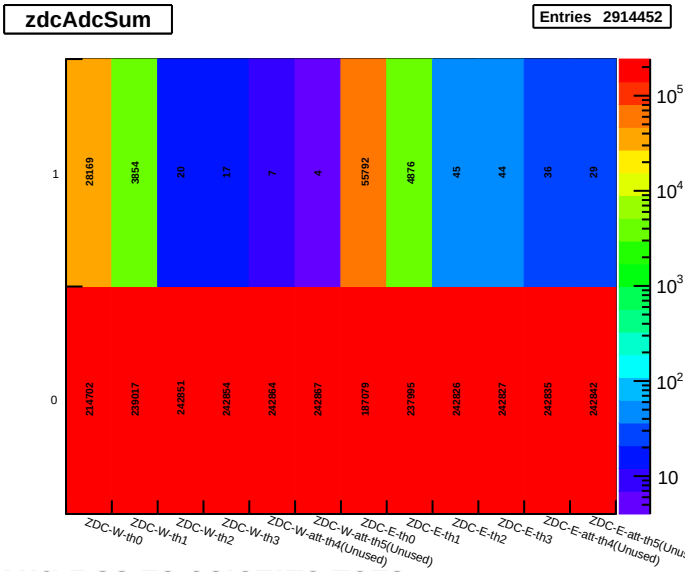

vpdWestTacMaxVsSimu
Entries 195912
Data
Simu

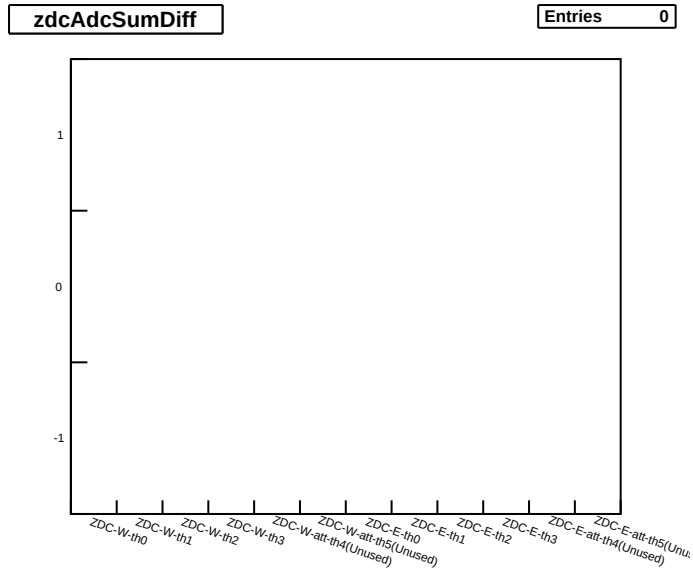

zdcEastTac
Entries 242871

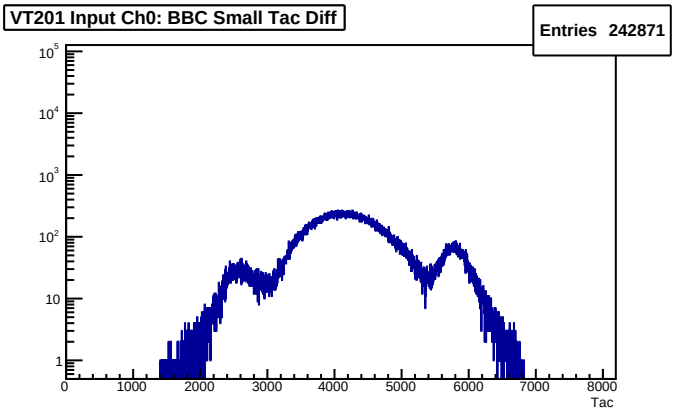

zdcEastTacVsSimu
Entries 1162
Data
Simu

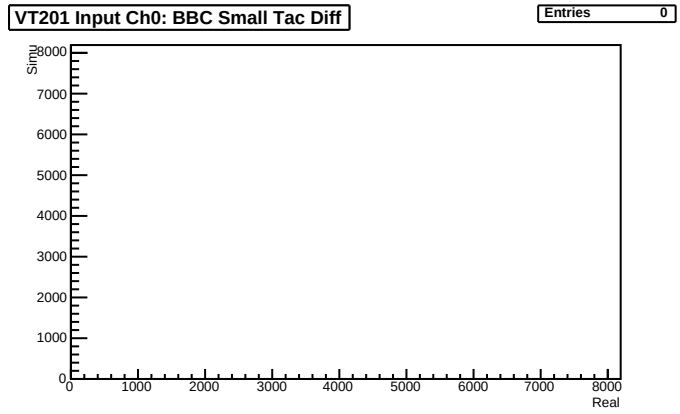

zdcWestTac
Entries 242871

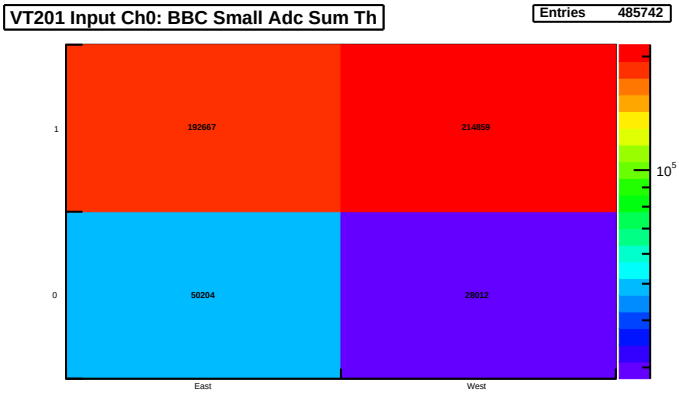

zdcWestTacVsSimu
Entries 1872
Data
Simu

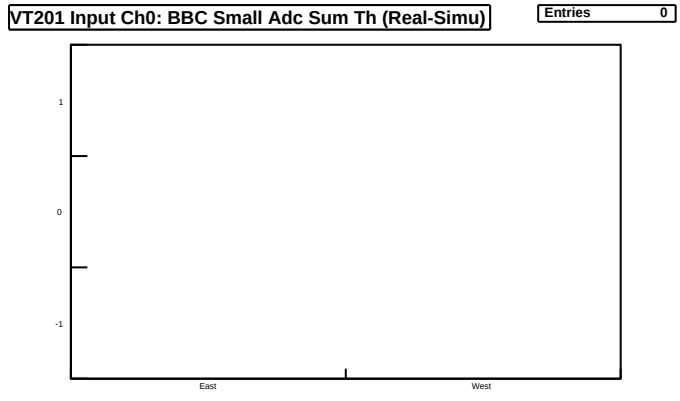

zdcAdcSum
Entries 2914452
28169
3854
20
17
7
4
55792
4876
45
44
36
29
214702
239017
242851
242854
242864
242867
187079
237995
242826
242827
242835
242842
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

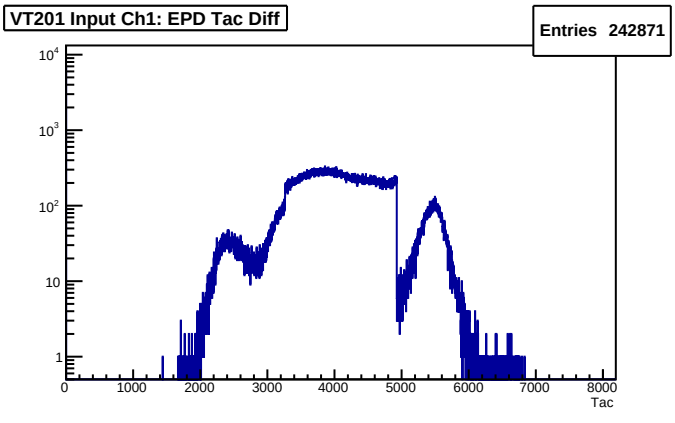

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

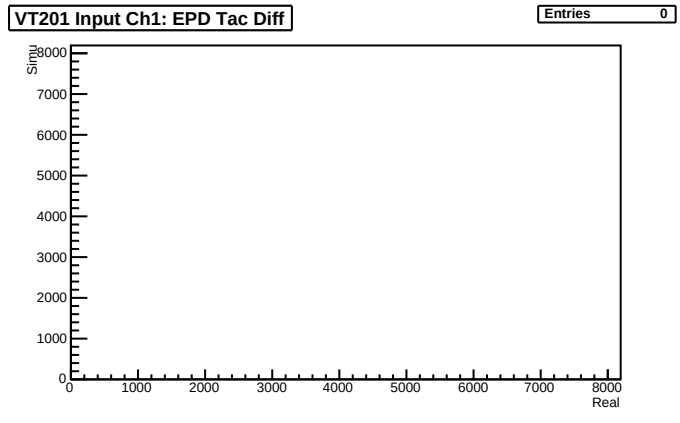

VT201 Input Ch0: BBC Small Tac Diff
Entries 242871
Tac

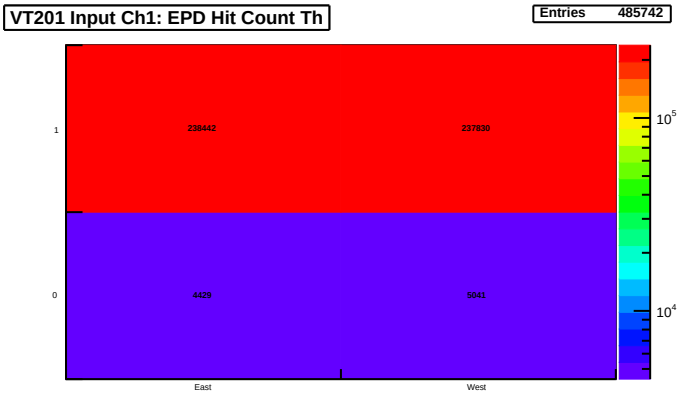

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

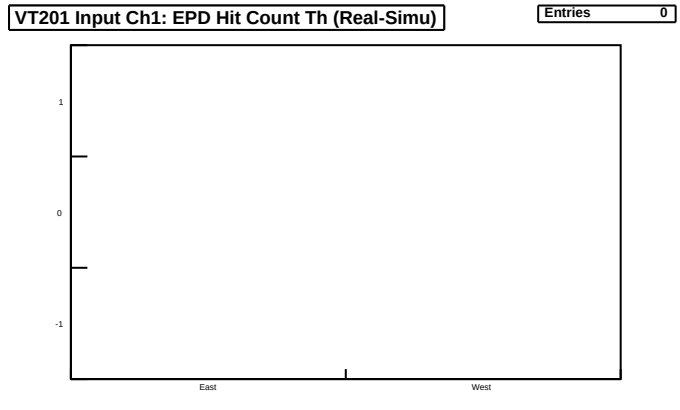

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 485742
192667
214859
50204
28012
East
West

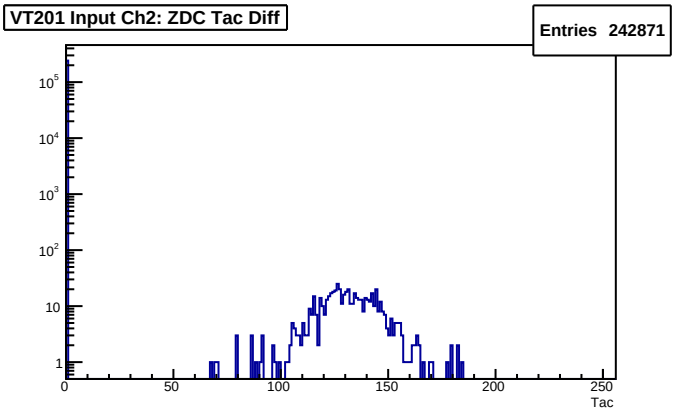

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

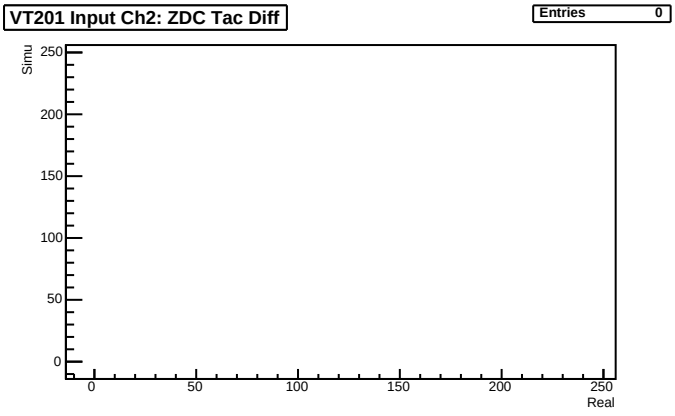

VT201 Input Ch1: EPD Tac Diff
Entries 242871
Tac

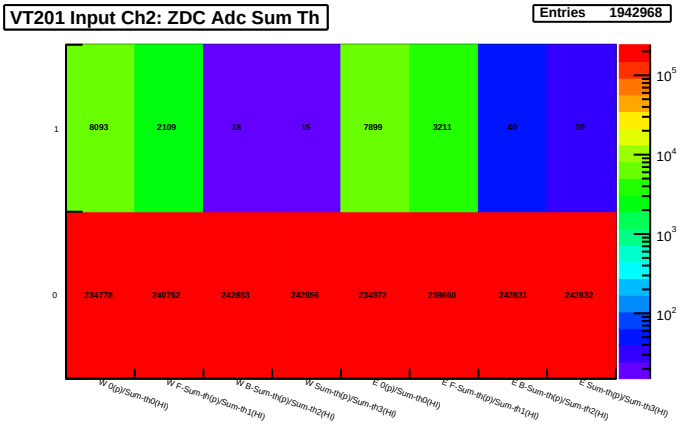

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

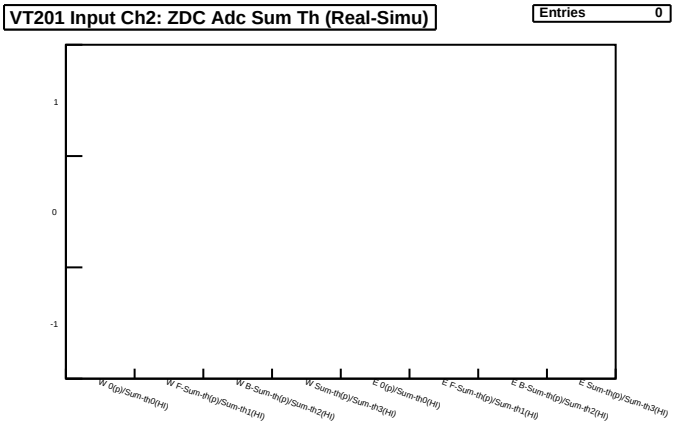

VT201 Input Ch1: EPD Hit Count Th
Entries 485742
238442
237830
4429
5041
East
West

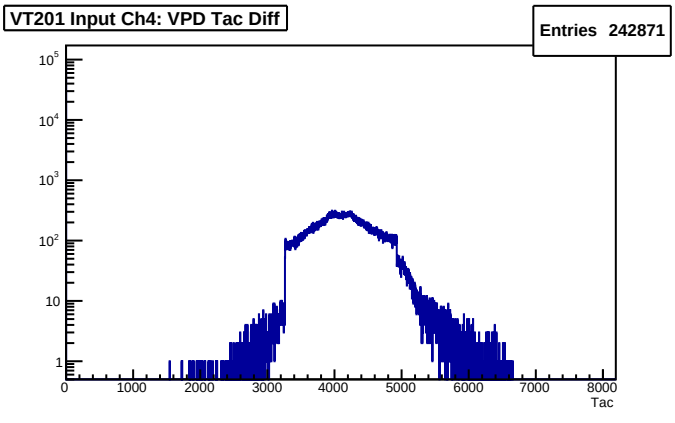

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

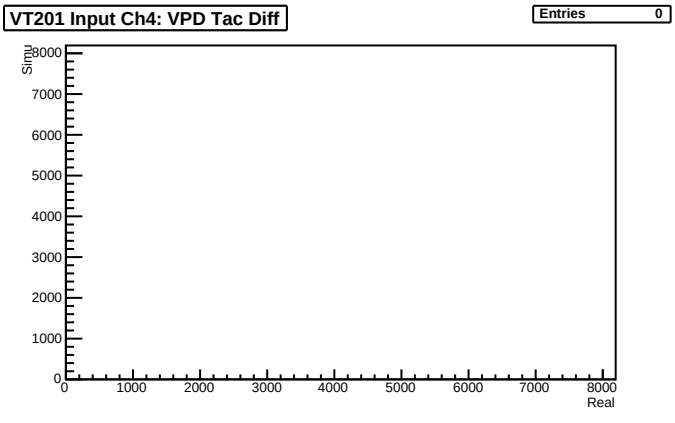

VT201 Input Ch2: ZDC Tac Diff
Entries 242871
Tac

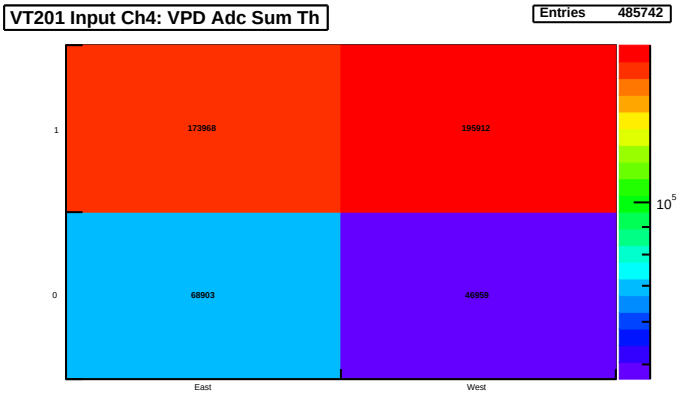

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

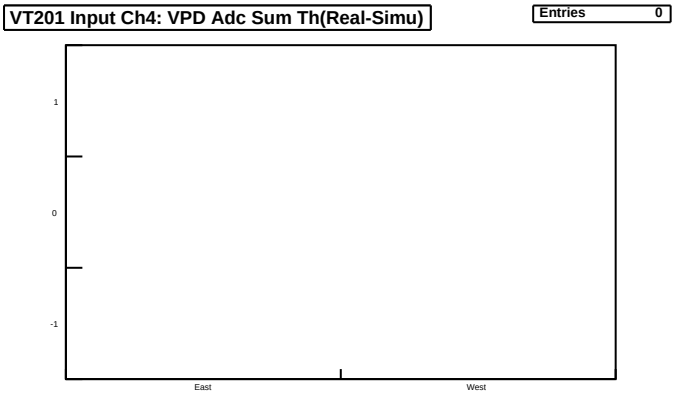

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1942968
8093
2109
18
15
7899
3211
40
39
234778
240762
242853
242856
234972
239660
242831
242832
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

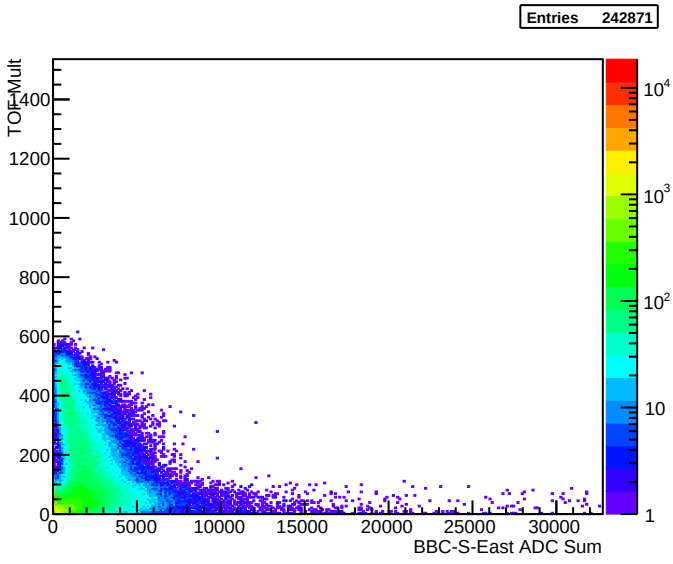

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

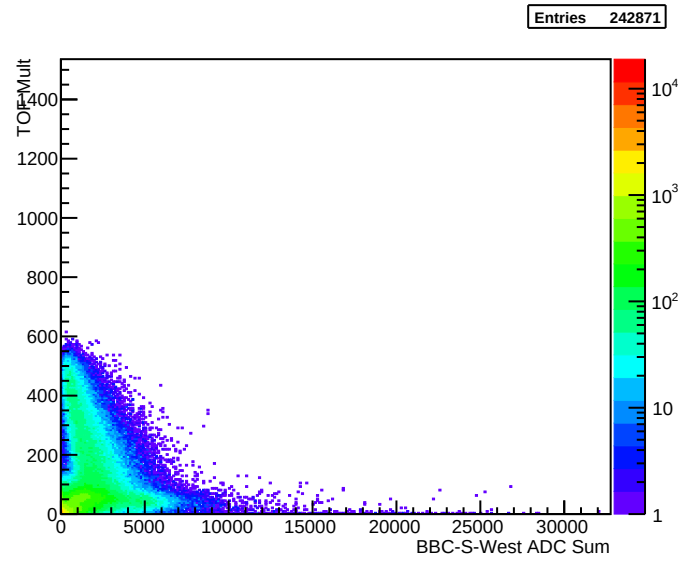

VT201 Input Ch4: VPD Tac Diff
Entries 242871
Tac

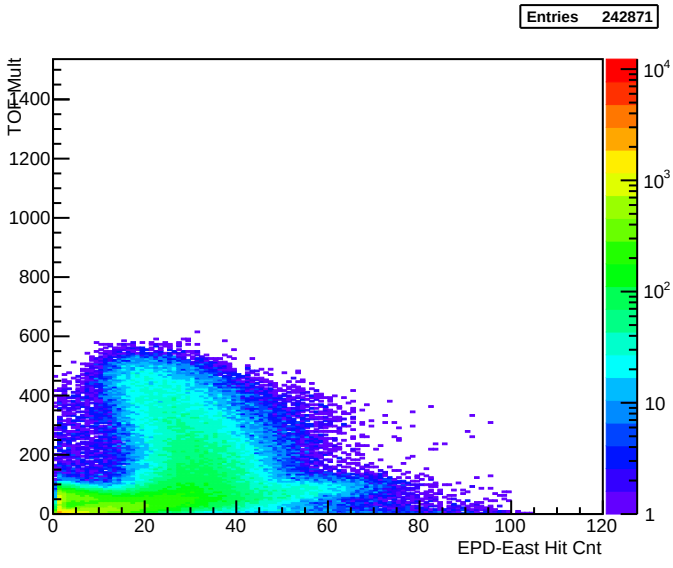

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

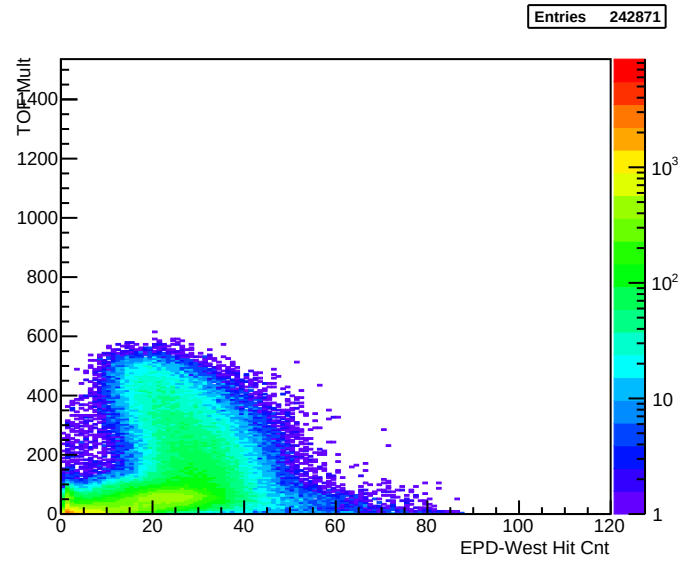

VT201 Input Ch4: VPD Adc Sum Th
Entries 485742
173968
195912
68903
46959
East
West

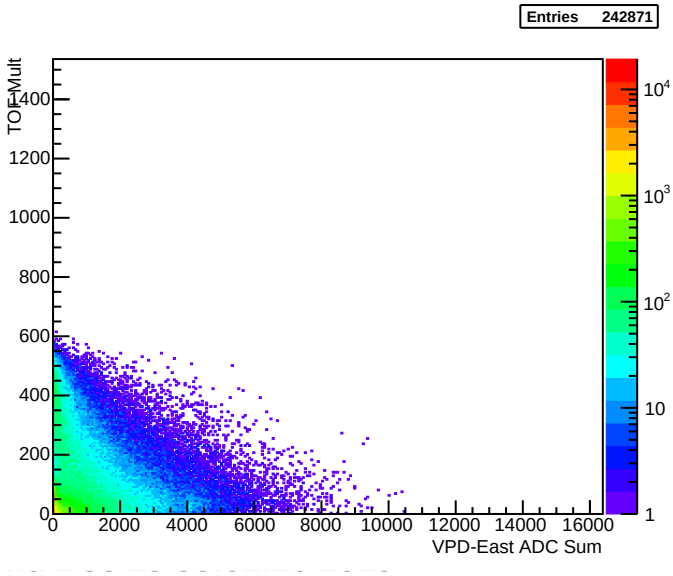

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

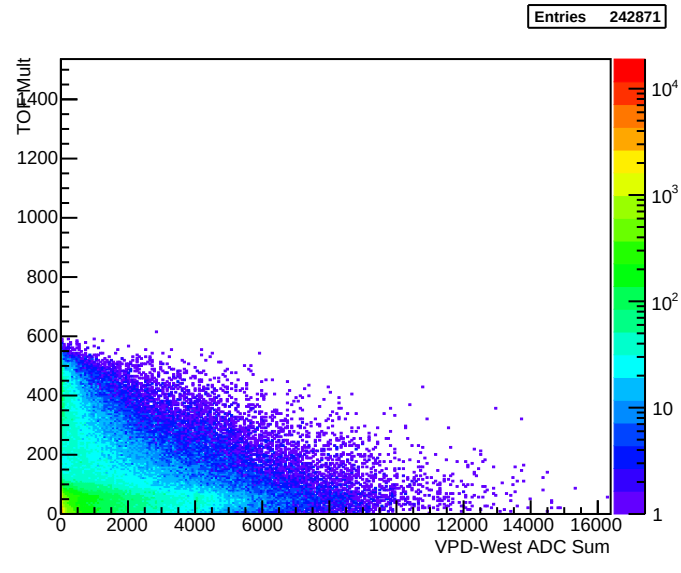

Entries 242871
TOF-Mult
BBC-S-East ADC Sum

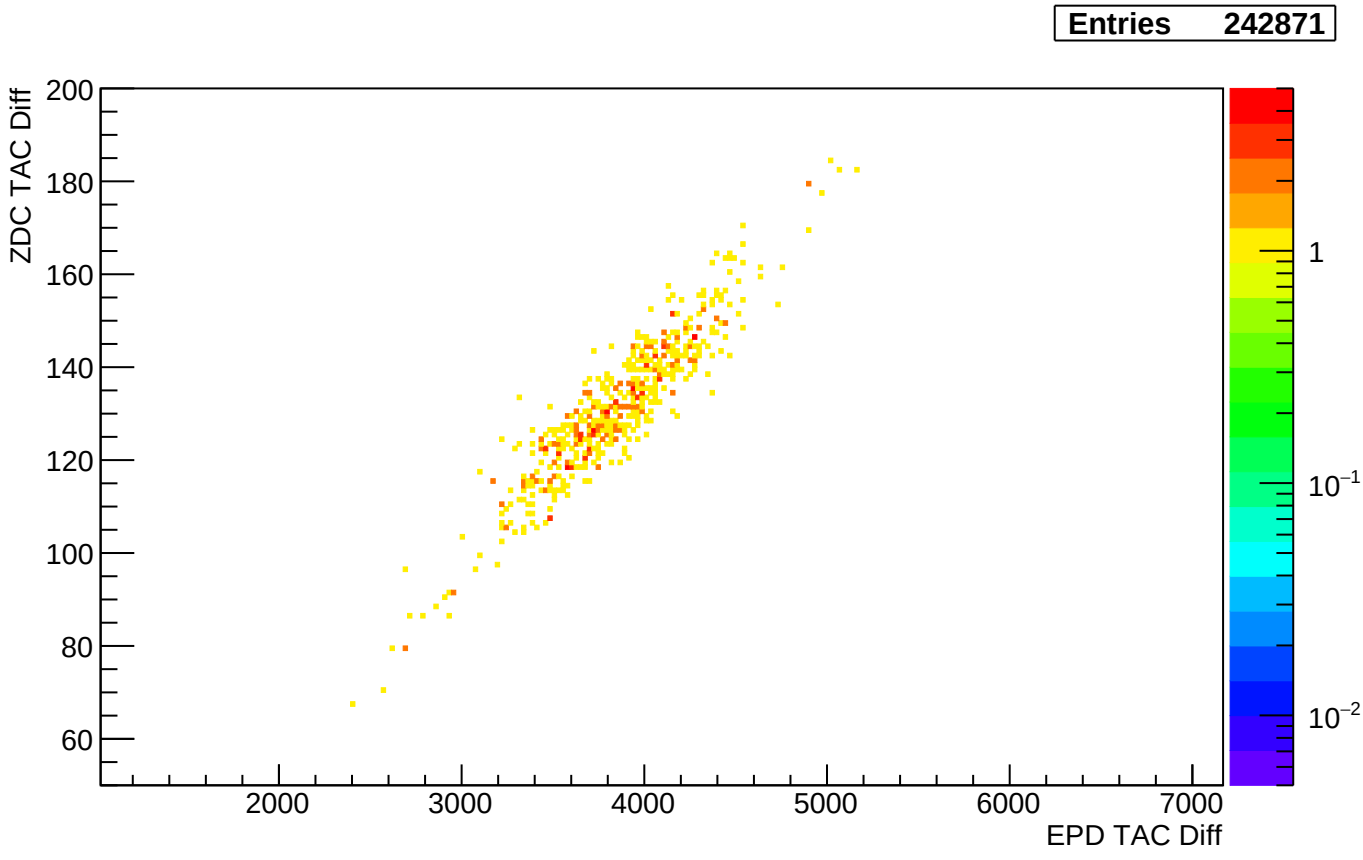

Entries 242871
TOF-Mult
BBC-S-West ADC Sum

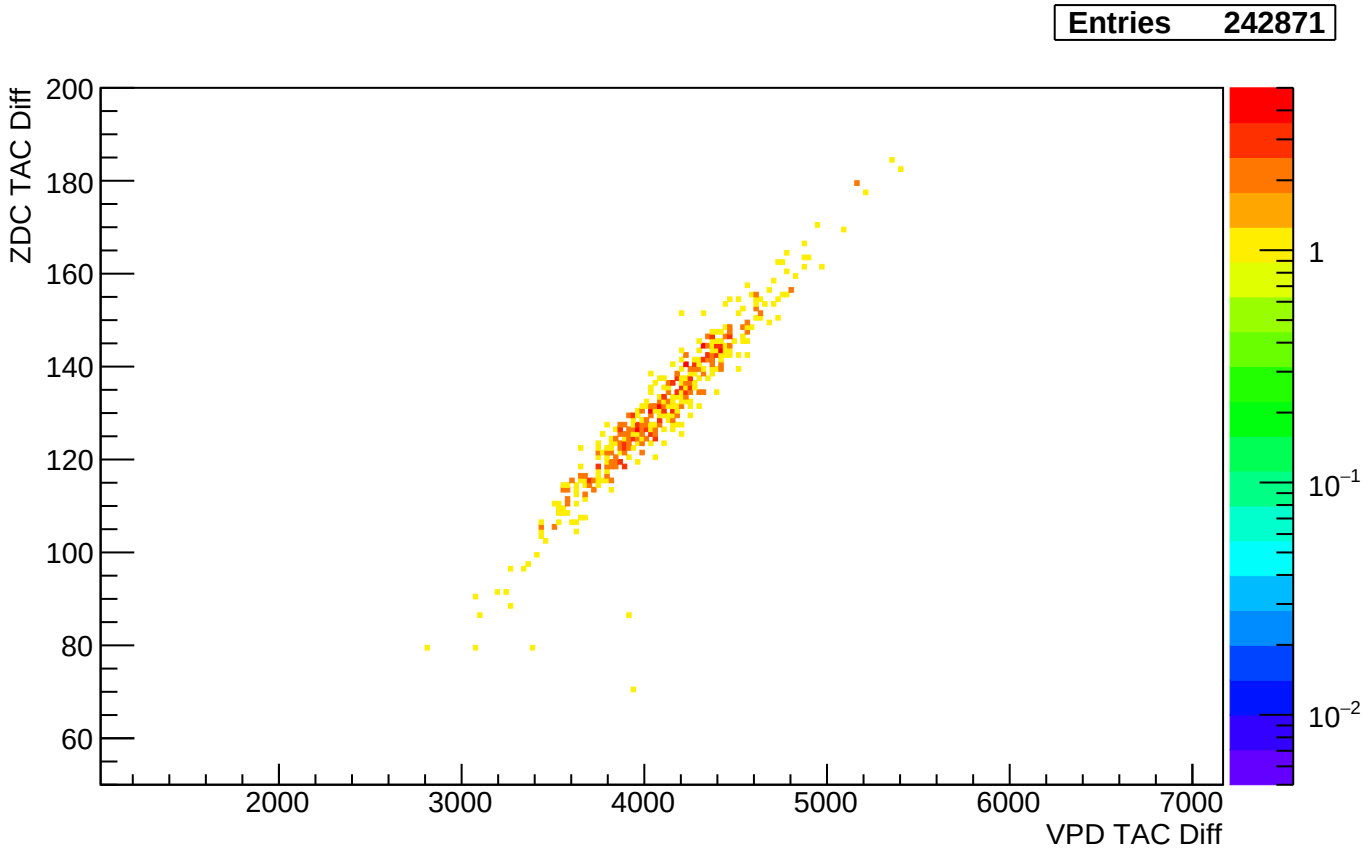

Entries 242871
TOF-Mult
EPD-East Hit Cnt

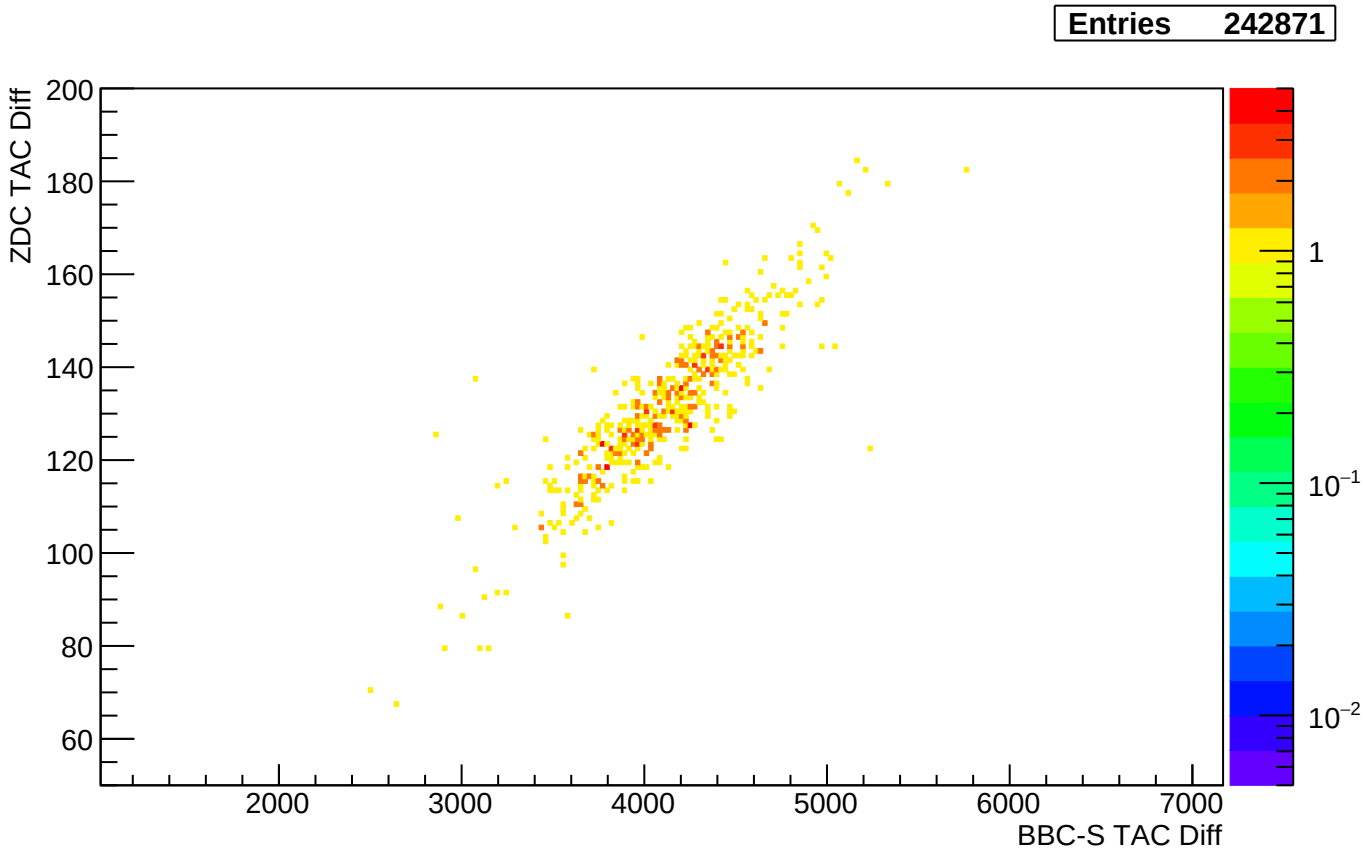

Entries 242871
TOF-Mult
EPD-West Hit Cnt

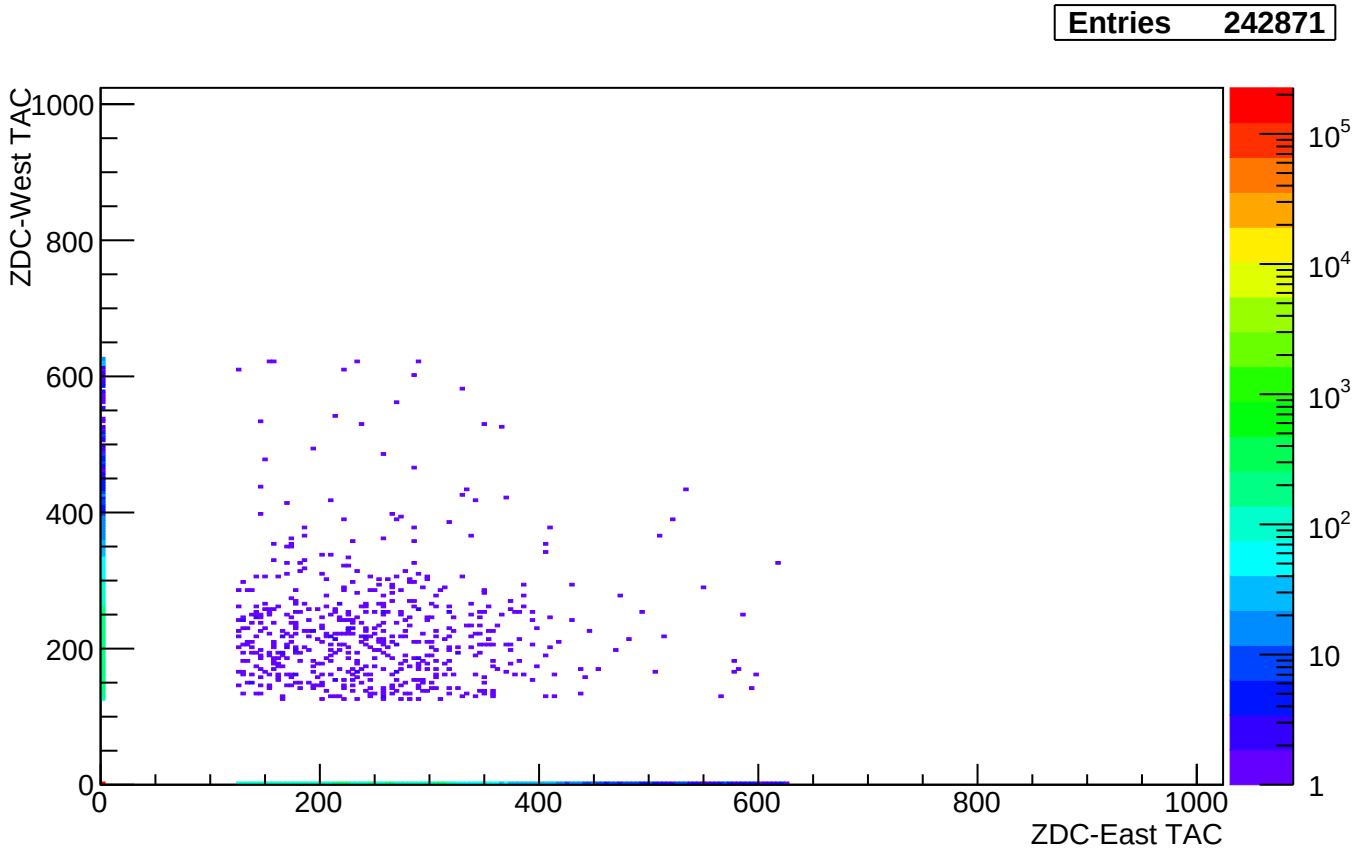

Entries 242871
TOF-Mult
VPD-East ADC Sum

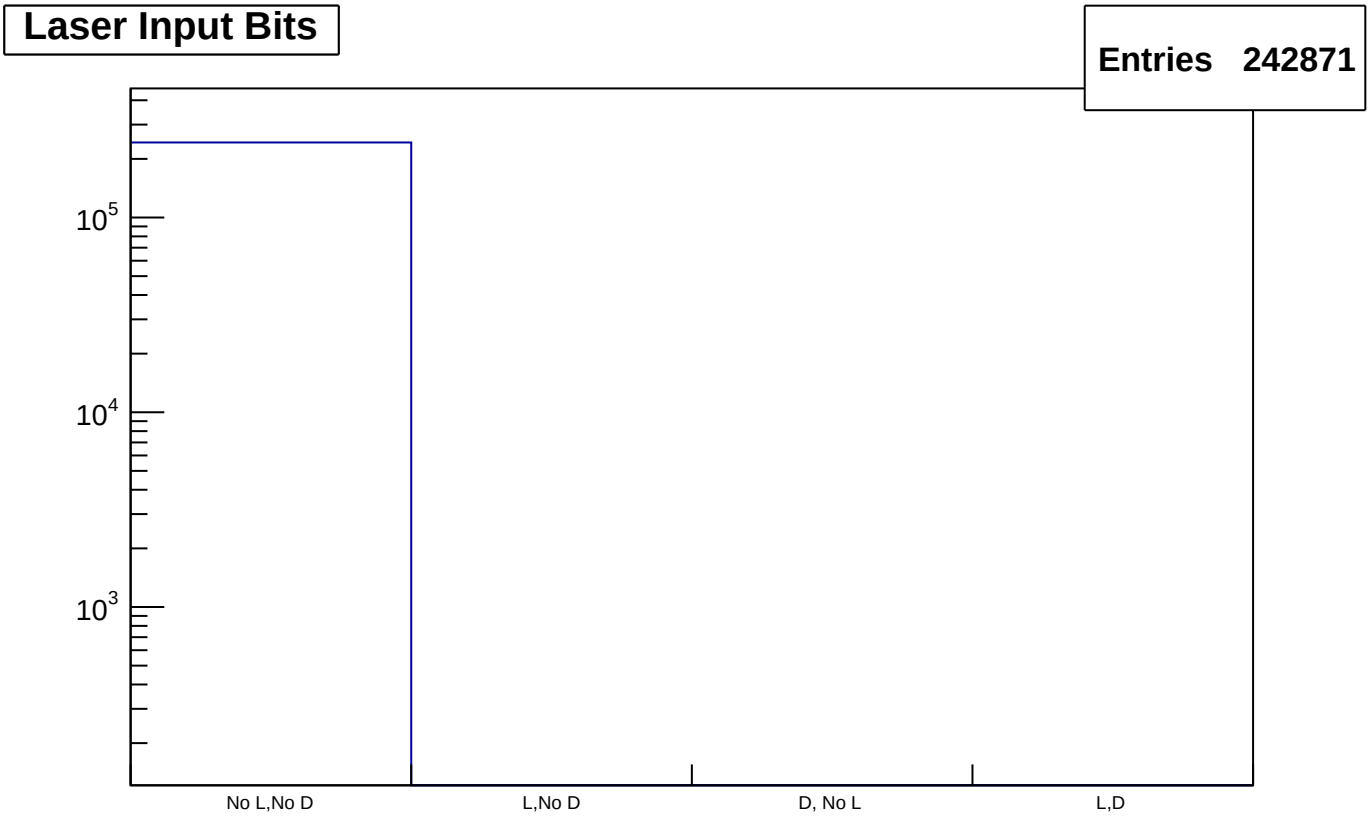

Entries 242871
TOF-Mult
VPD-West ADC Sum

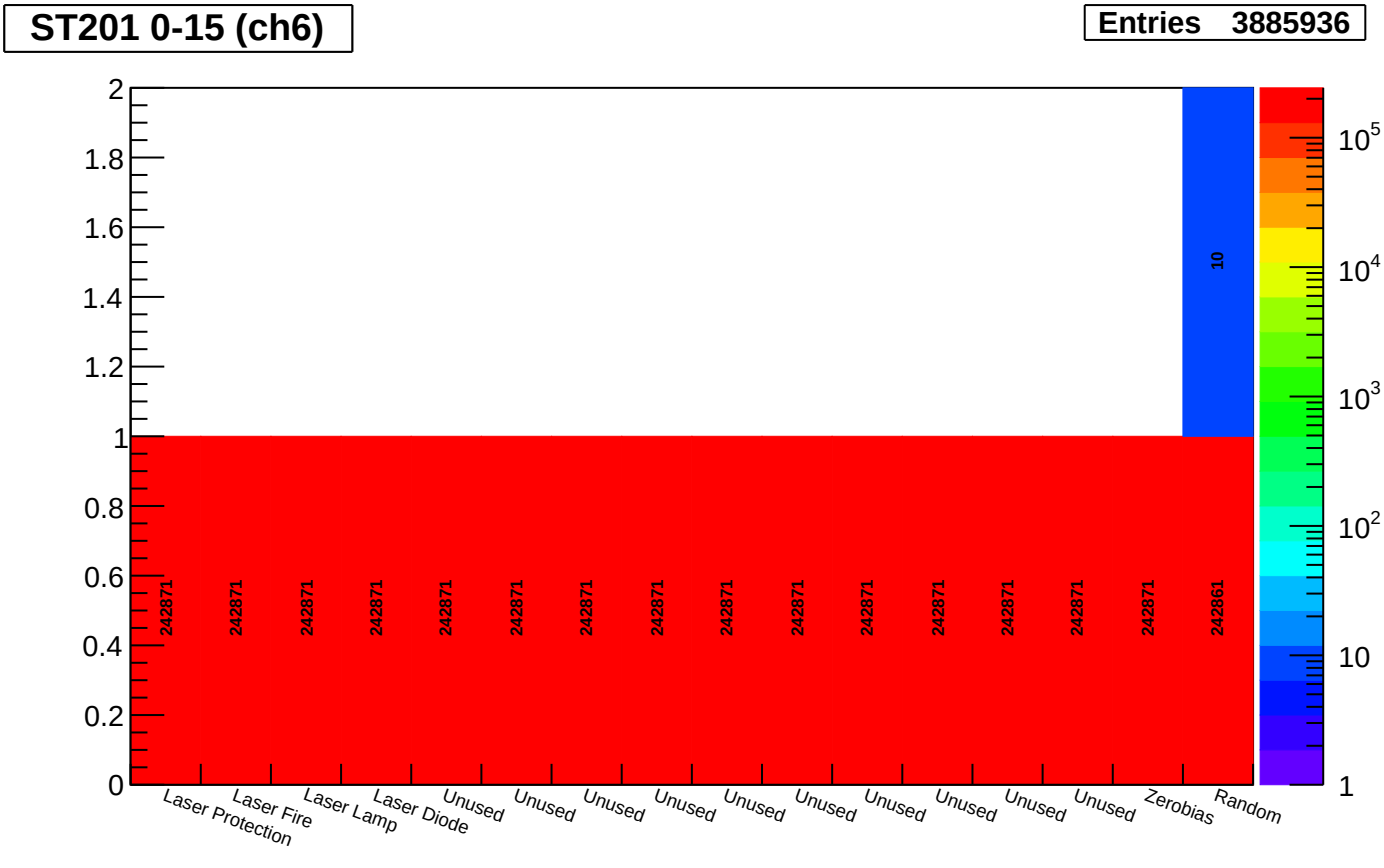

Entries 242871
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

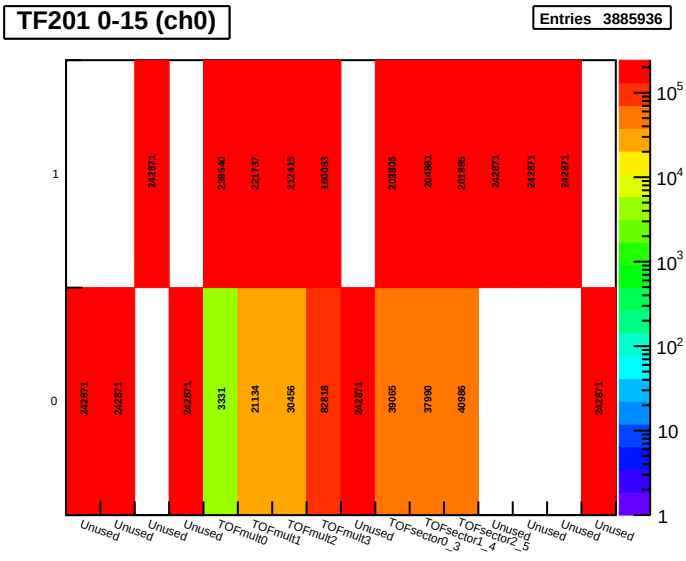

Entries 242871
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

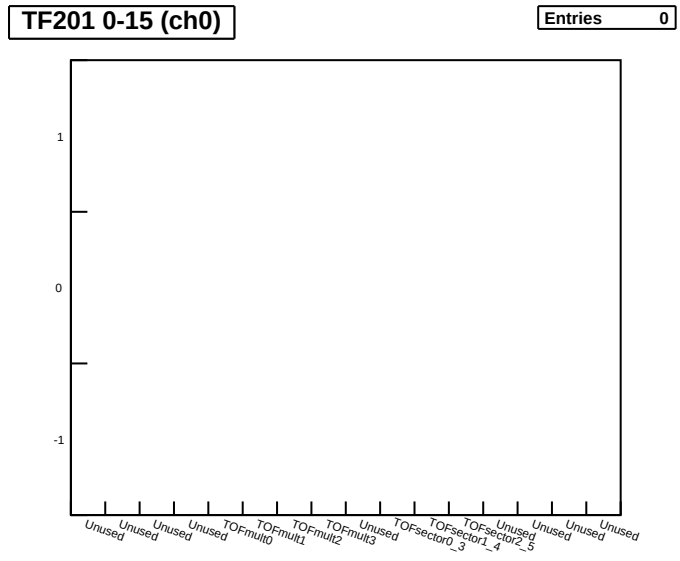

Entries 242871
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

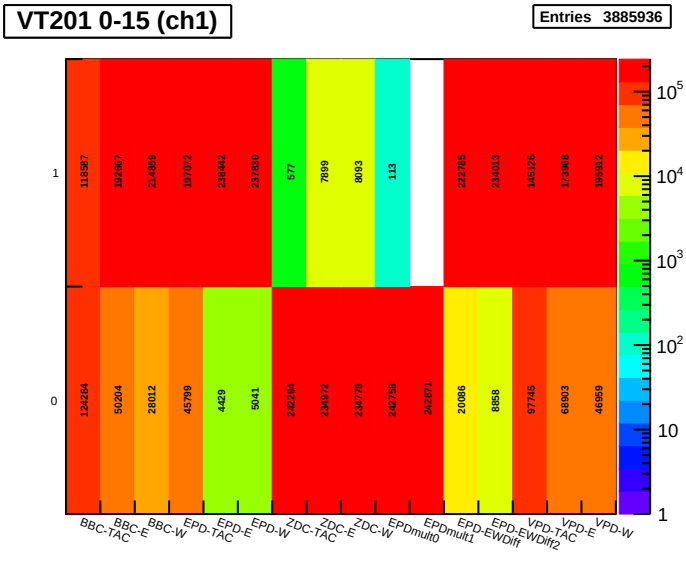

Entries 242871
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

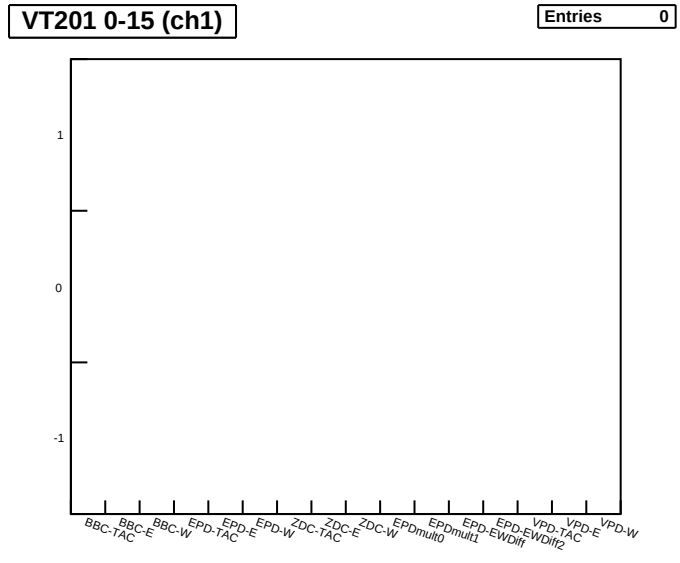

Laser Input Bits
Entries 242871
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

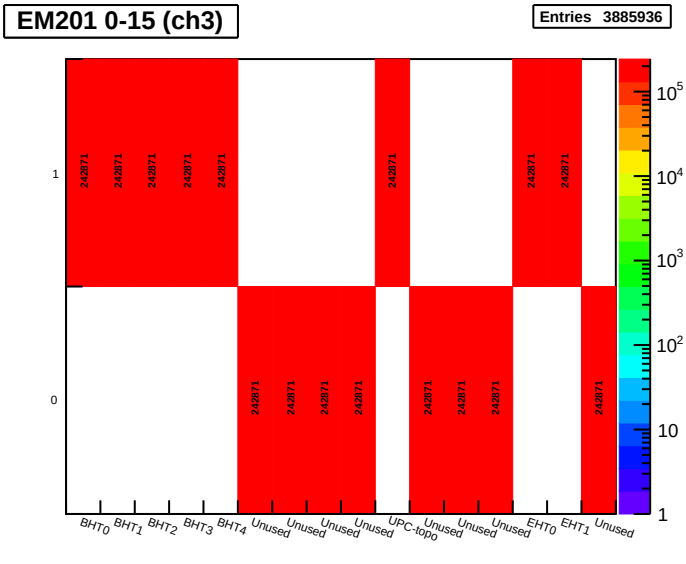

ST201 0-15 (ch6)
Entries 3885936
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242861
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

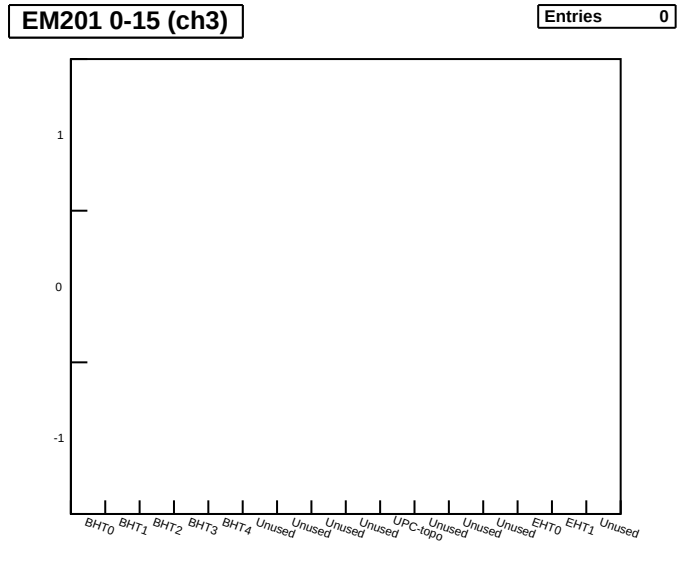

TF201 0-15 (ch0)
Entries 3885936
1
0
242871
230540
221737
212415
160053
203906
204981
201685
242871
242871
242871
242871
242871
242871
242871
242871
3331
21134
30456
82818
242871
39065
37990
40986
242871
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 3885936
1
0
118587
192667
214859
197072
238442
237830
577
7899
8093
113
222765
234013
145126
173968
195912
124284
50204
28012
45799
4429
5041
242294
234972
234778
242758
242871
20086
8858
97745
68903
46959
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 3885936
1
0
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
242871
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
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
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused