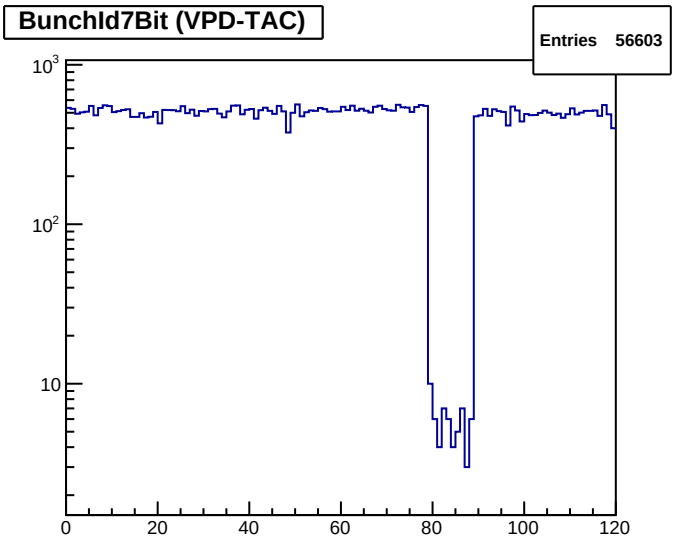
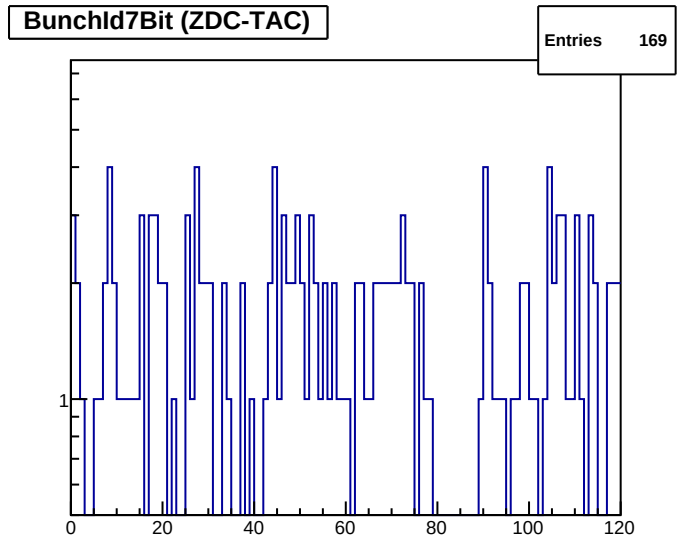
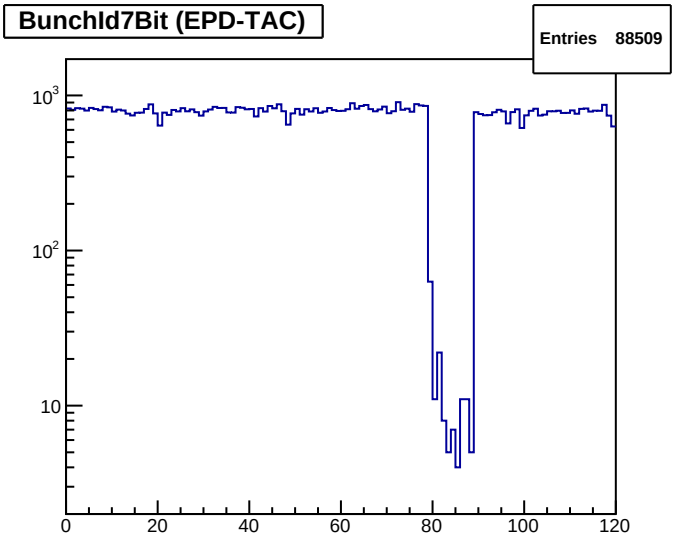
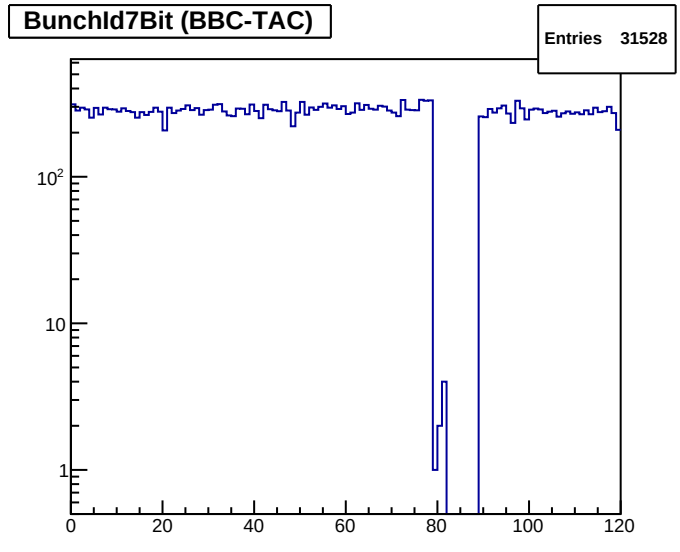
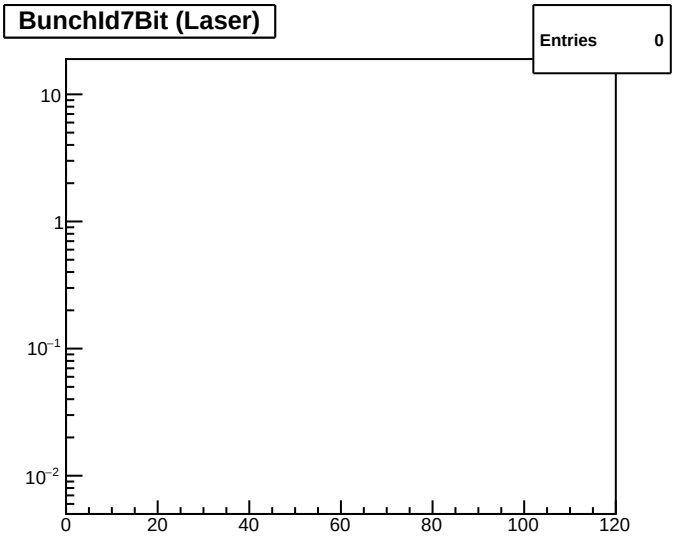
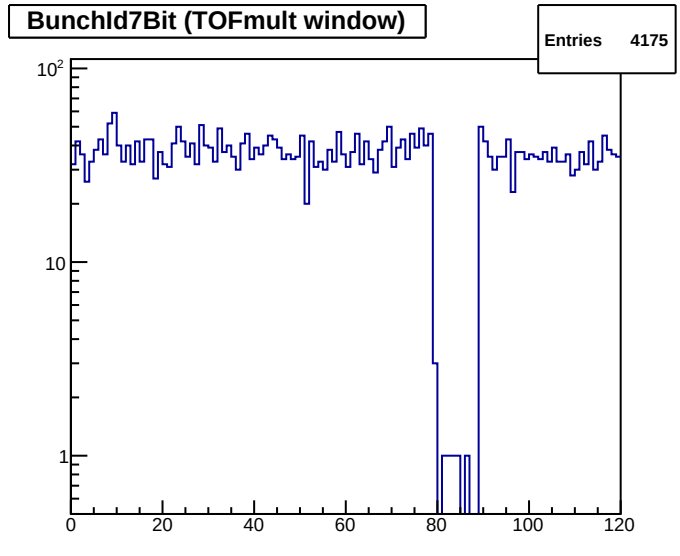

BunchId7Bit (VPD-TAC)
Entries 56603
10^3
10^2
10
0 20 40 60 80 100 120

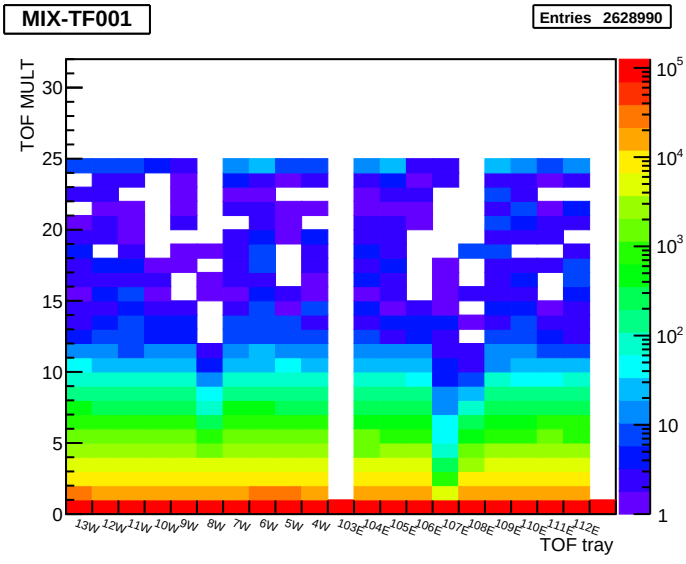

BunchId7Bit (ZDC-TAC)
Entries 169
1
0 20 40 60 80 100 120

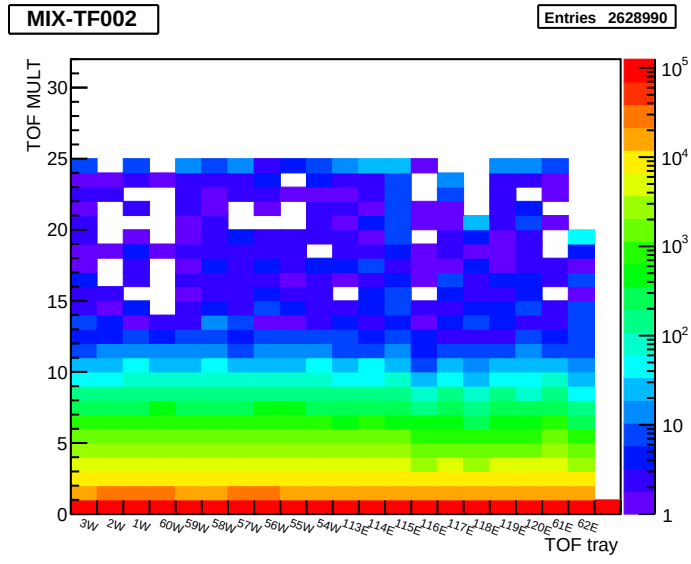

BunchId7Bit (EPD-TAC)
Entries 88509
10^3
10^2
10
0 20 40 60 80 100 120

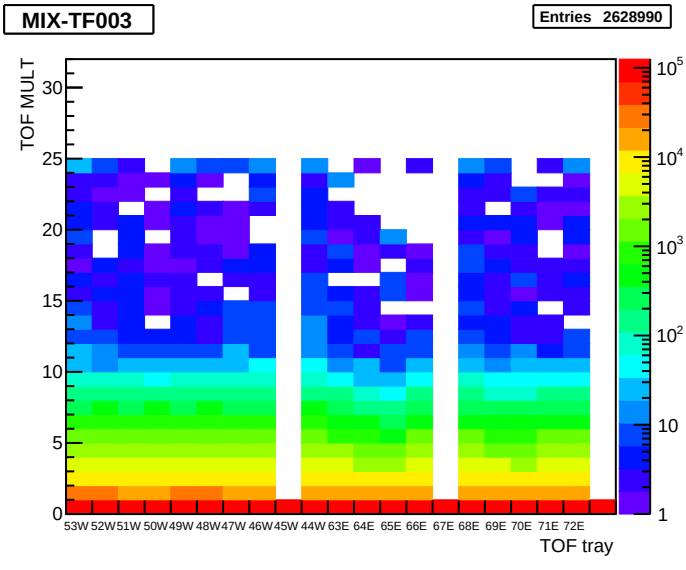

BunchId7Bit (BBC-TAC)
Entries 31528
10^2
10
1
0 20 40 60 80 100 120

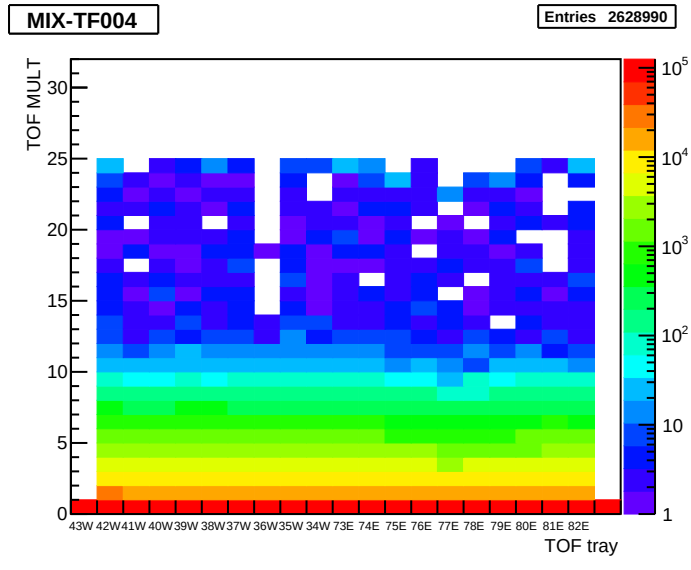

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

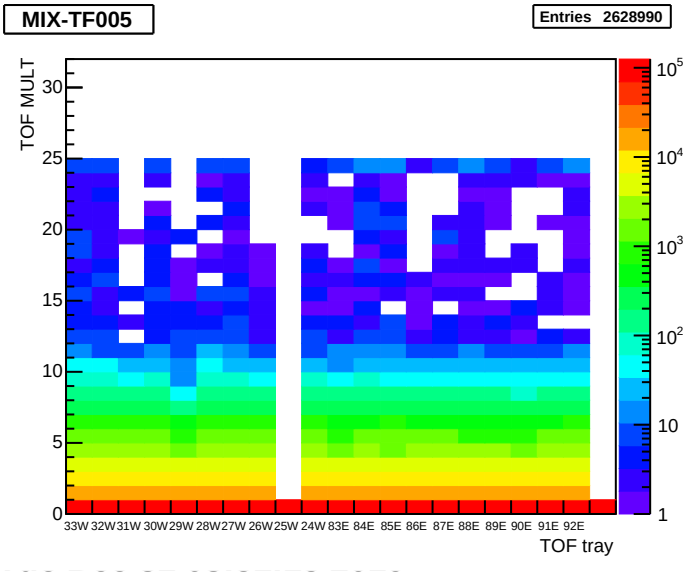

BunchId7Bit (TOFmult window)
Entries 4175
10^2
10
1
0 20 40 60 80 100 120

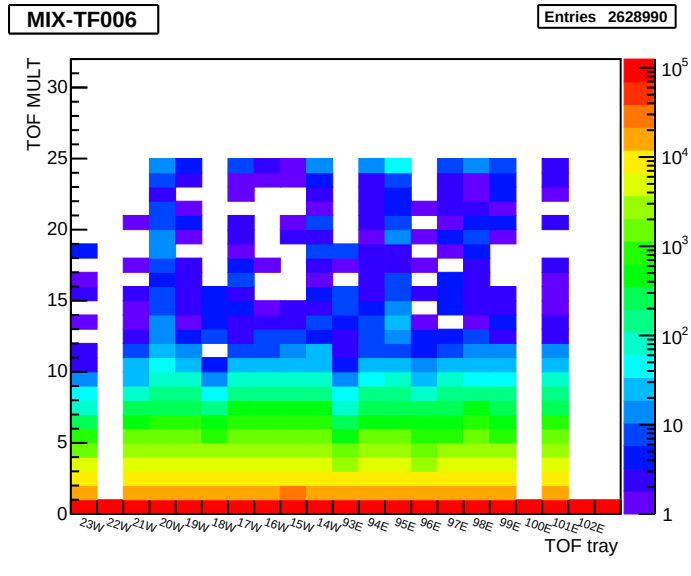

MIX-TF001
Entries 2628990
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

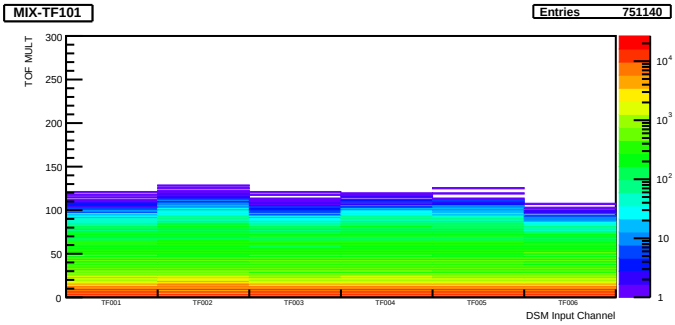

MIX-TF002
Entries 2628990
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

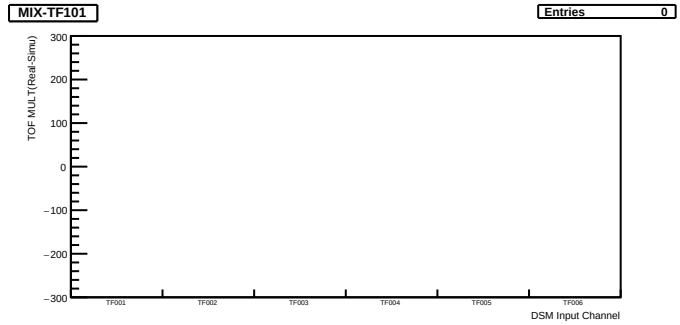

MIX-TF003
Entries 2628990
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

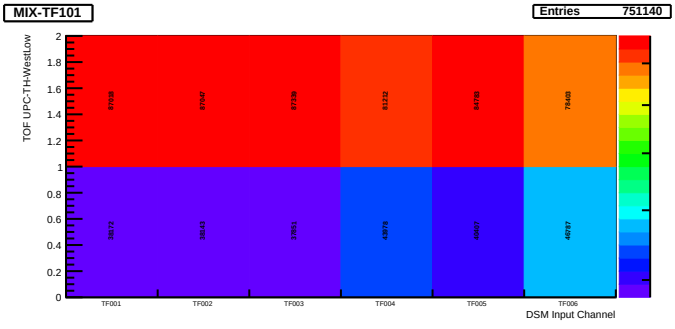

MIX-TF004
Entries 2628990
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

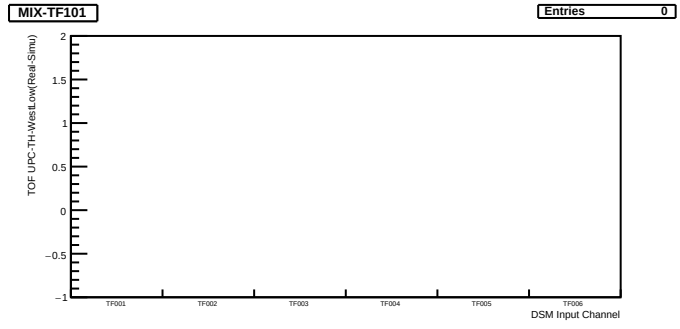

MIX-TF005
Entries 2628990
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

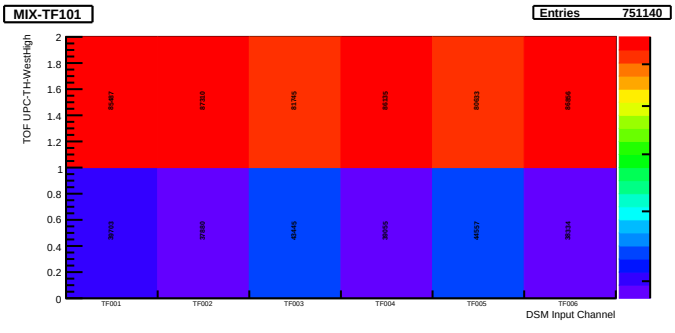

MIX-TF006
Entries 2628990
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

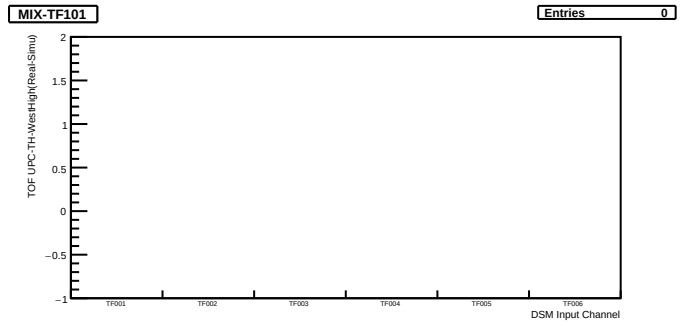

MIX-TF101
Entries 751140
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

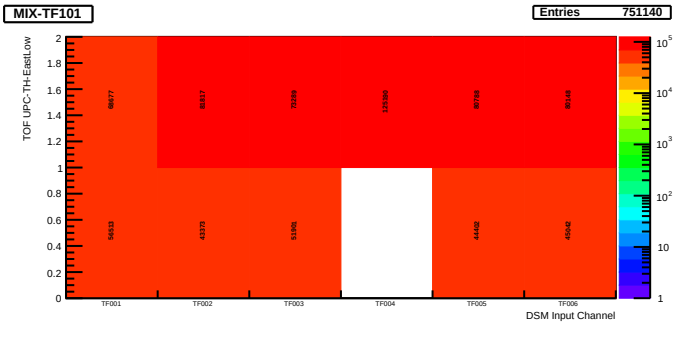

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

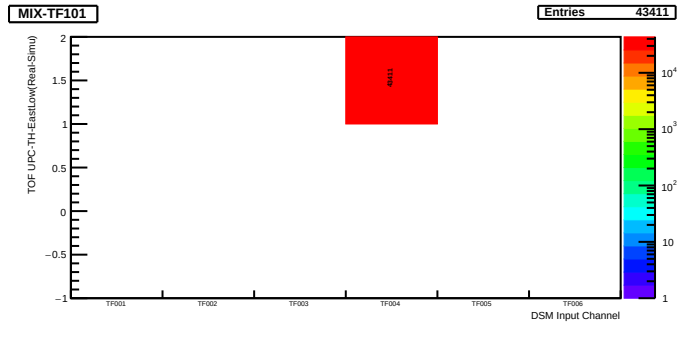

MIX-TF101
Entries 751140
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

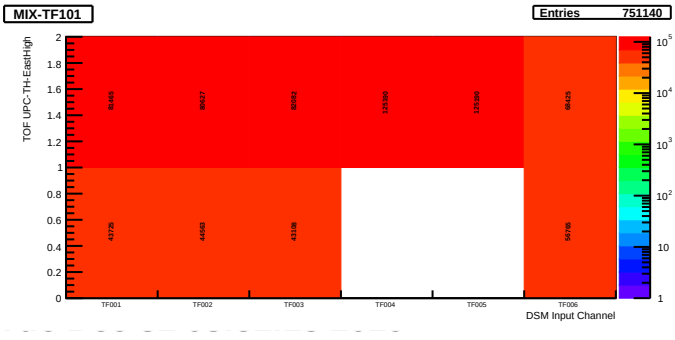

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

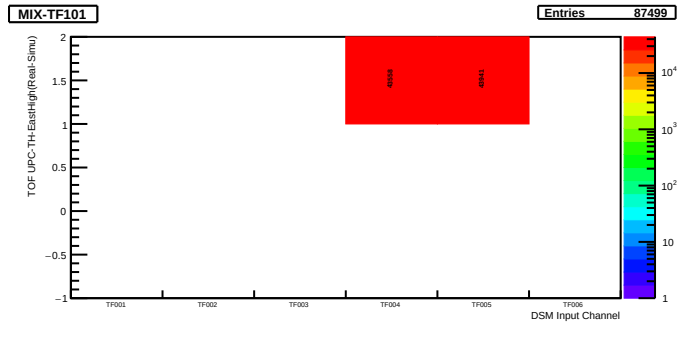

MIX-TF101
Entries 751140
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

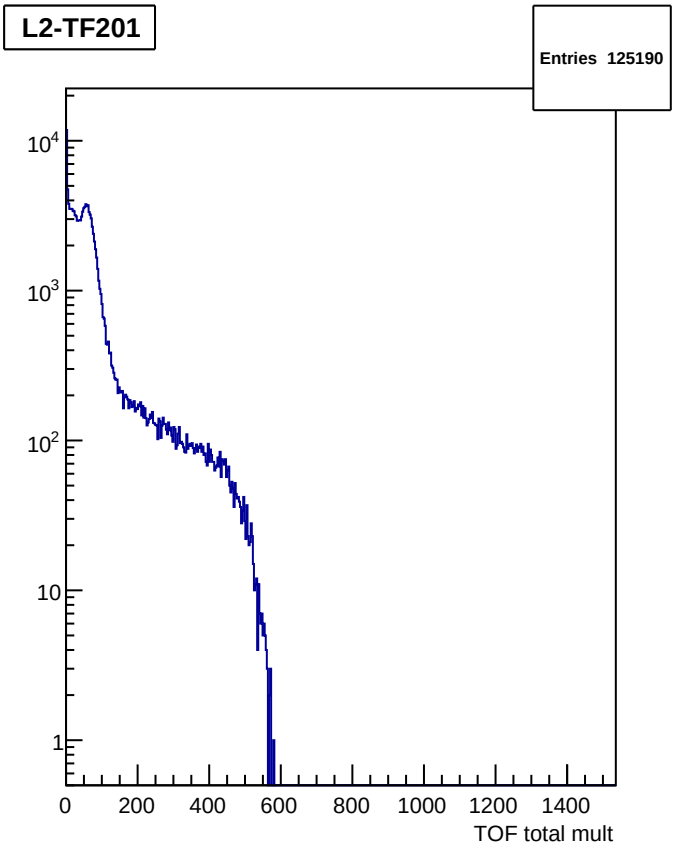

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

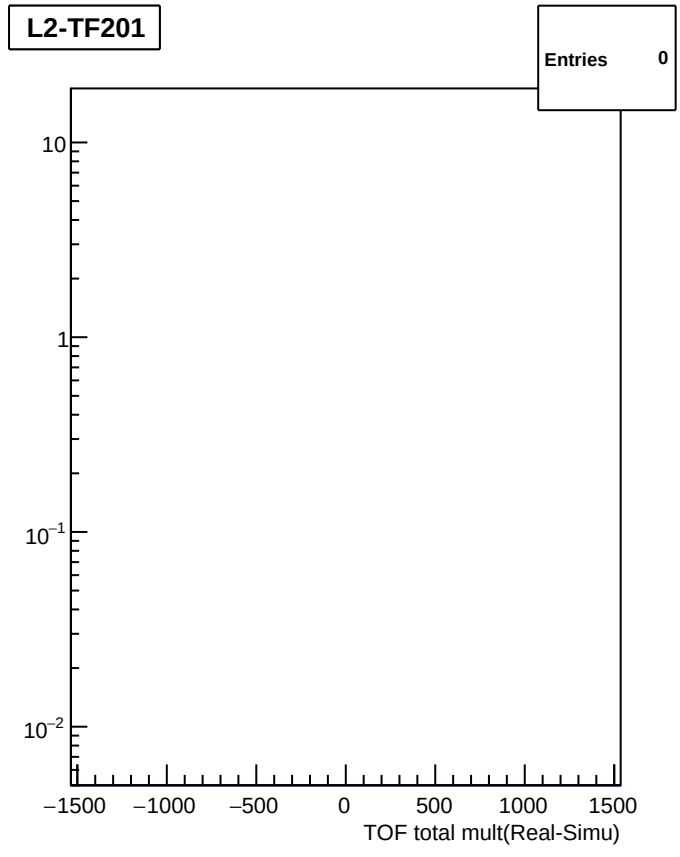

MIX-TF101
Entries 751140
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

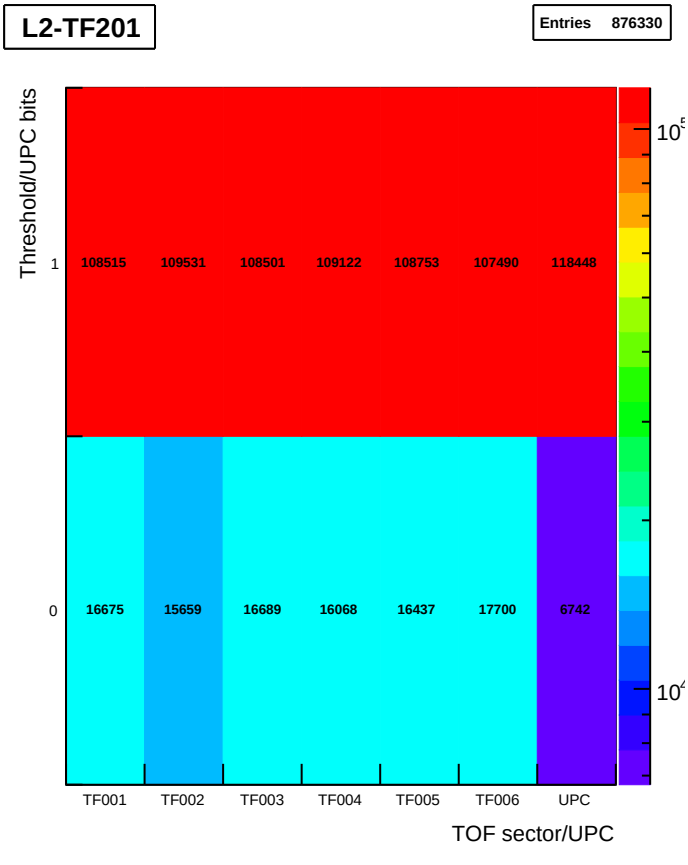

MIX-TF101
Entries 43411
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

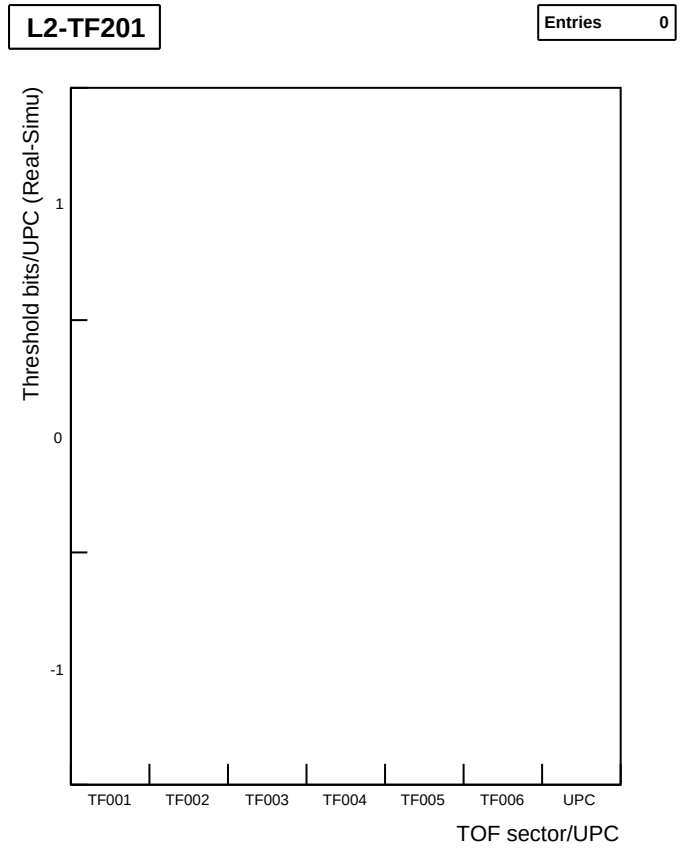

MIX-TF101
Entries 751140
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

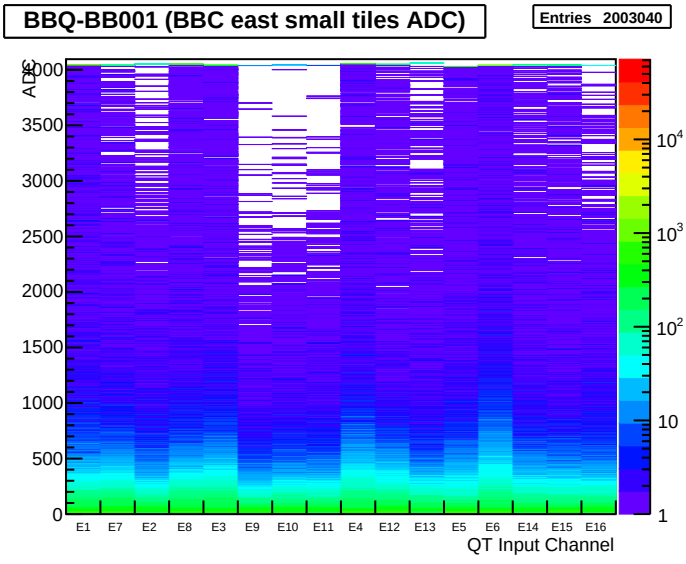

MIX-TF101
Entries 87499
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

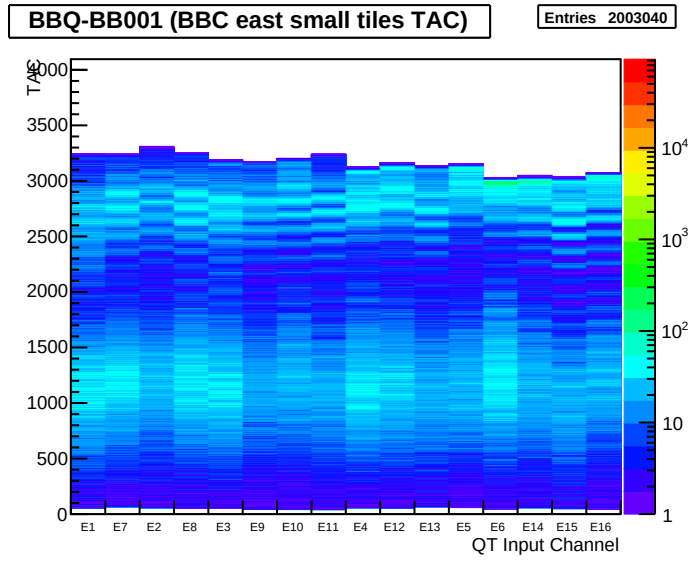

L2-TF201
Entries 125190
TOF total mult

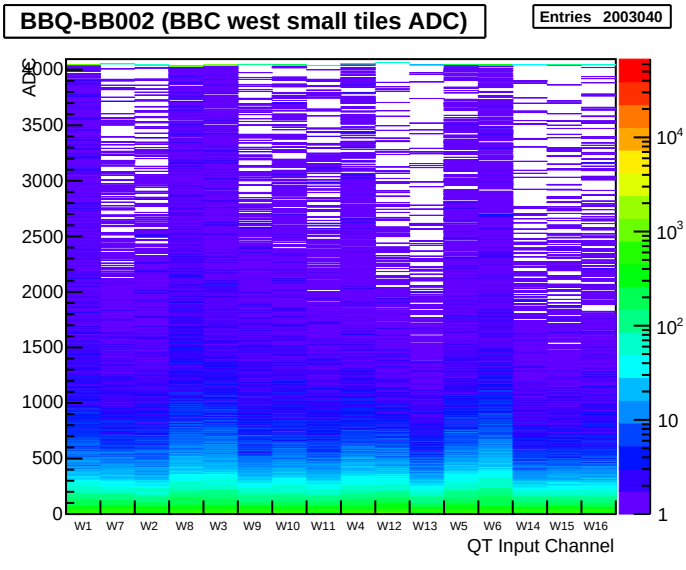

L2-TF201
Entries 0
TOF total mult(Real-Simu)

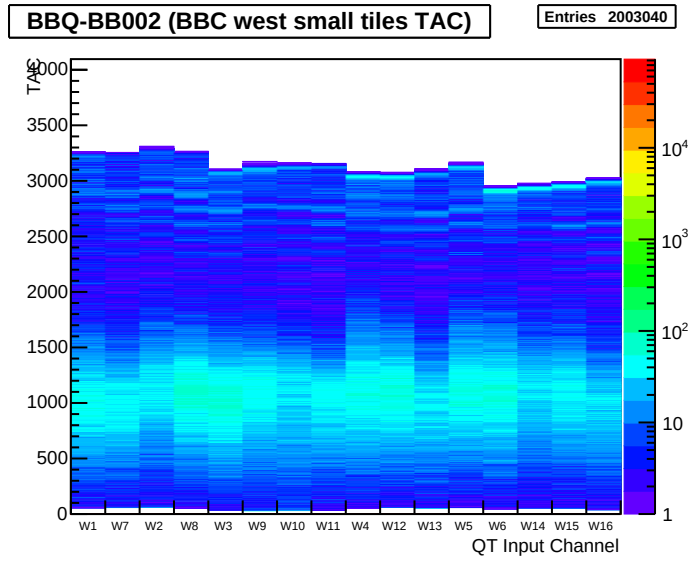

L2-TF201
Entries 876330
Threshold/UPC bits
108515
109531
108501
109122
108753
107490
118448
16675
15659
16689
16068
16437
17700
6742
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

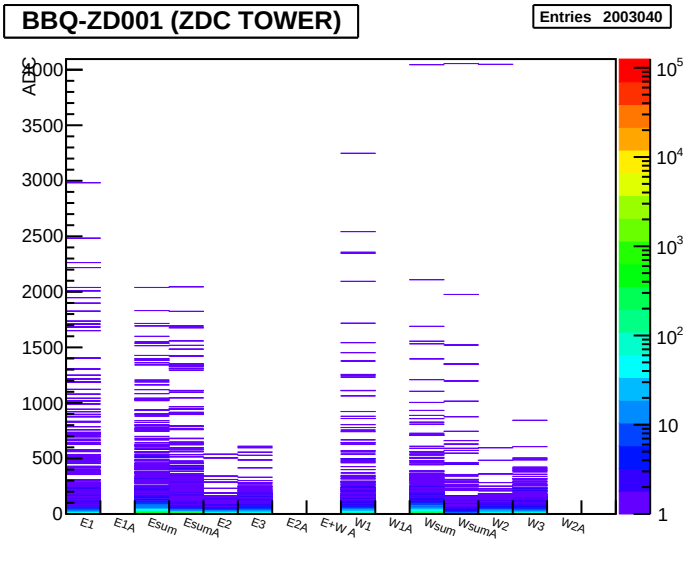

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

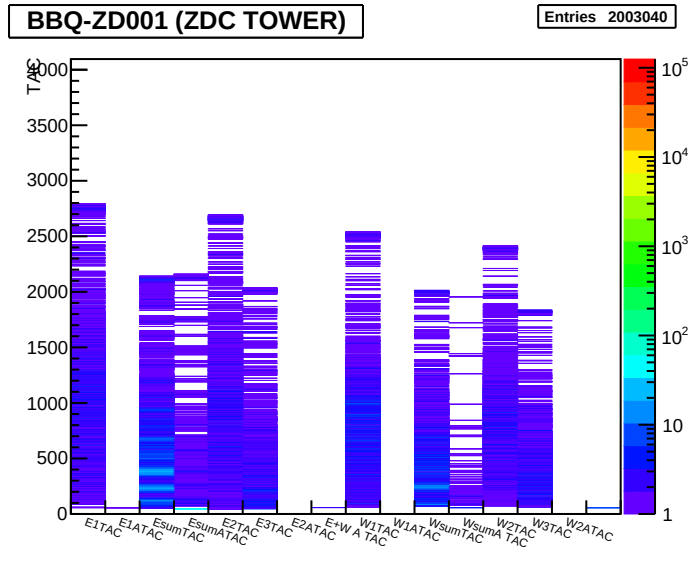

BBQ-BB001 (BBC east small tiles ADC)
Entries 2003040
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

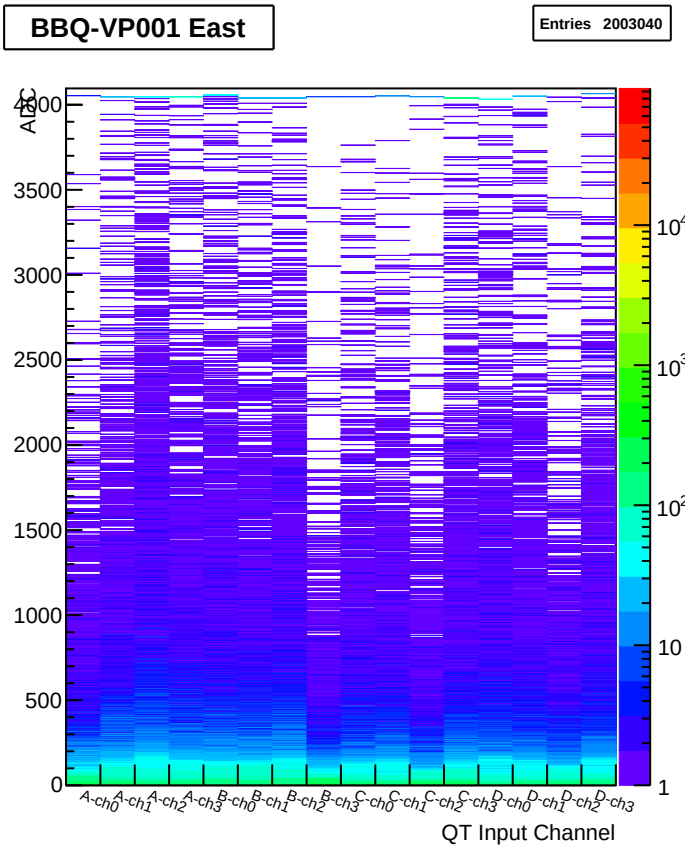

BBQ-BB001 (BBC east small tiles TAC)
Entries 2003040
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

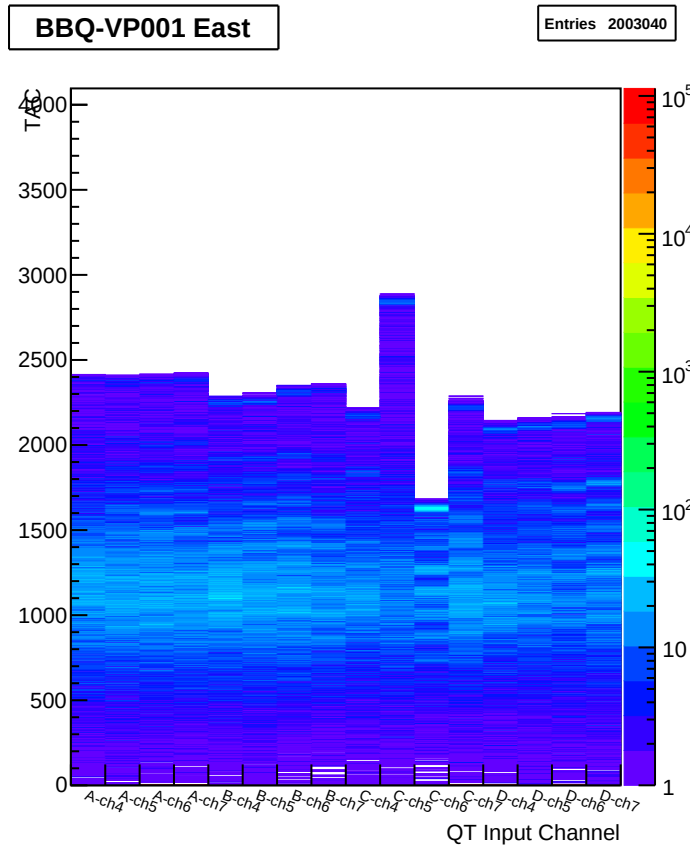

BBQ-BB002 (BBC west small tiles ADC)
Entries 2003040
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

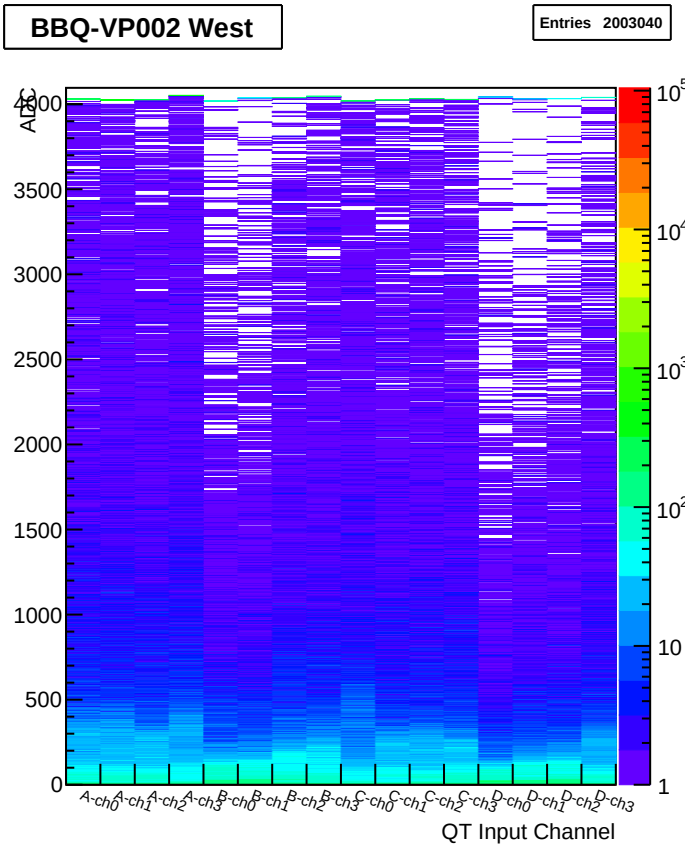

BBQ-BB002 (BBC west small tiles TAC)
Entries 2003040
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

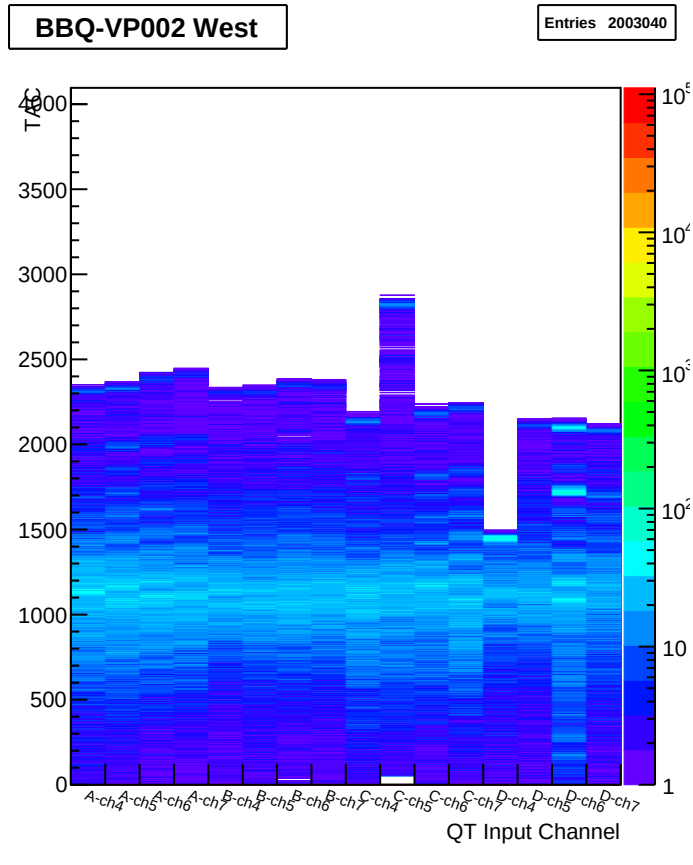

BBQ-ZD001 (ZDC TOWER)
Entries 2003040
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

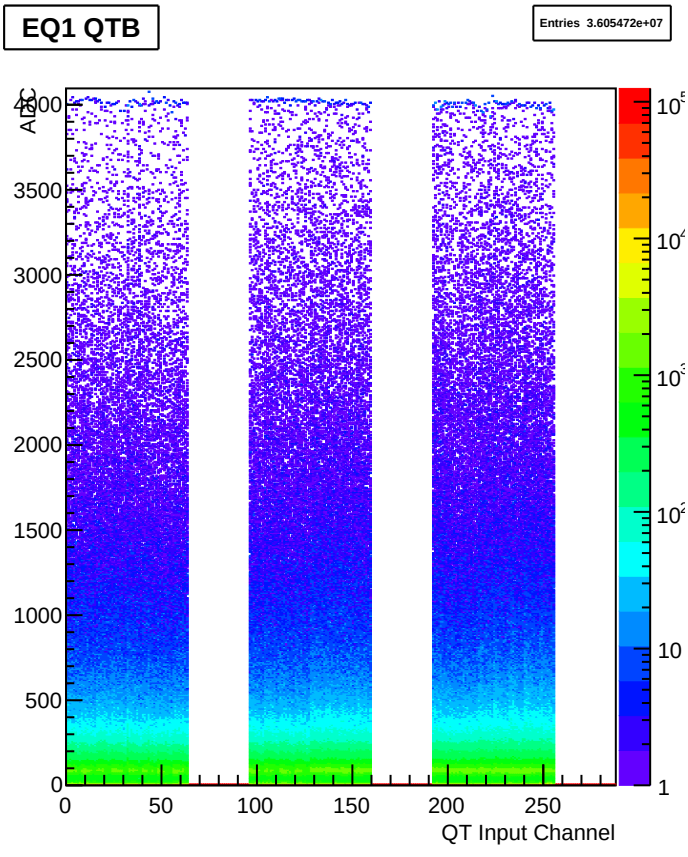

BBQ-ZD001 (ZDC TOWER)
Entries 2003040
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

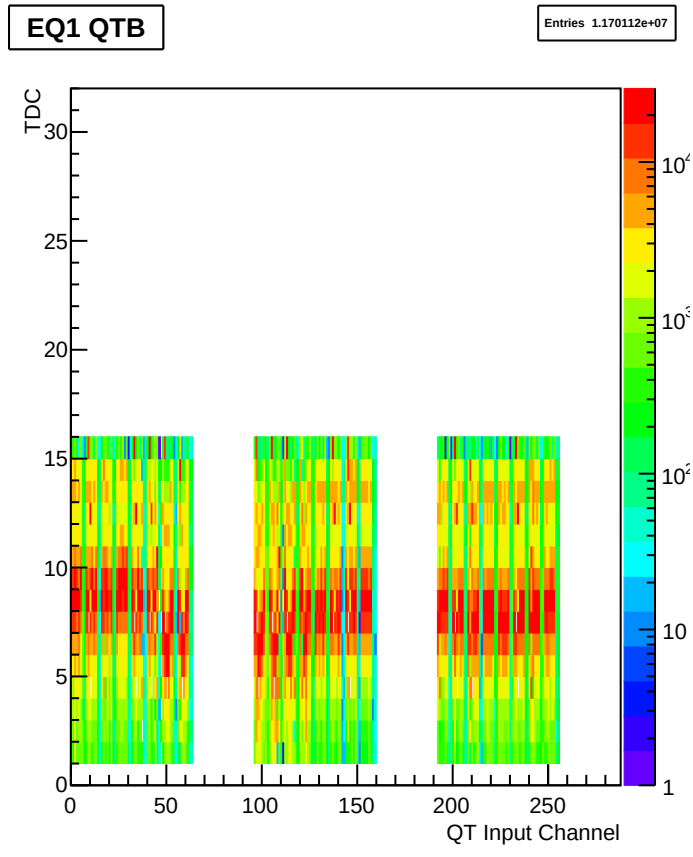

BBQ-VP001 East
Entries 2003040
ADC
QT Input Channel

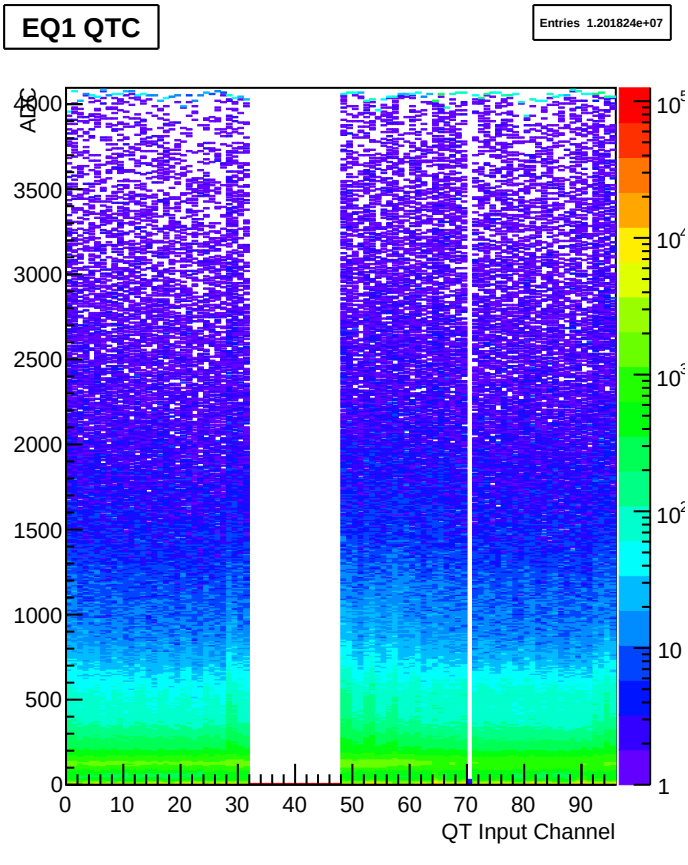

BBQ-VP001 East
Entries 2003040
TADC
QT Input Channel

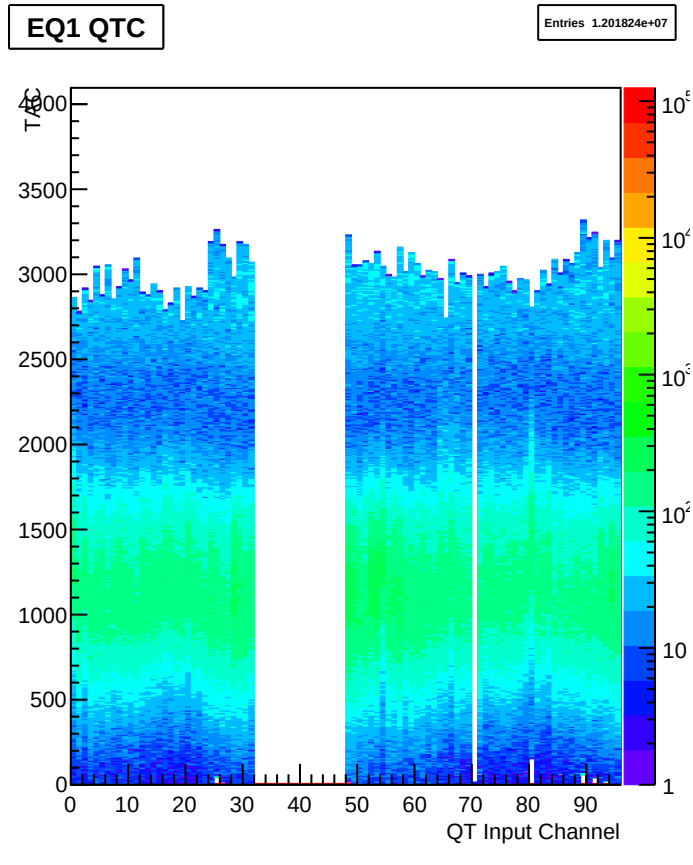

BBQ-VP002 West
Entries 2003040
ADC
QT Input Channel

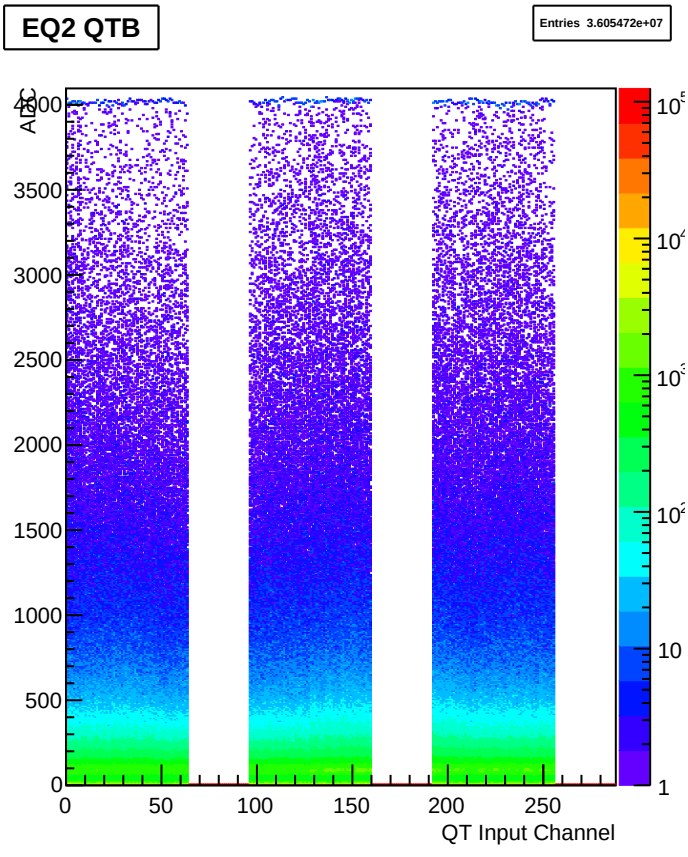

BBQ-VP002 West
Entries 2003040
TADC
QT Input Channel

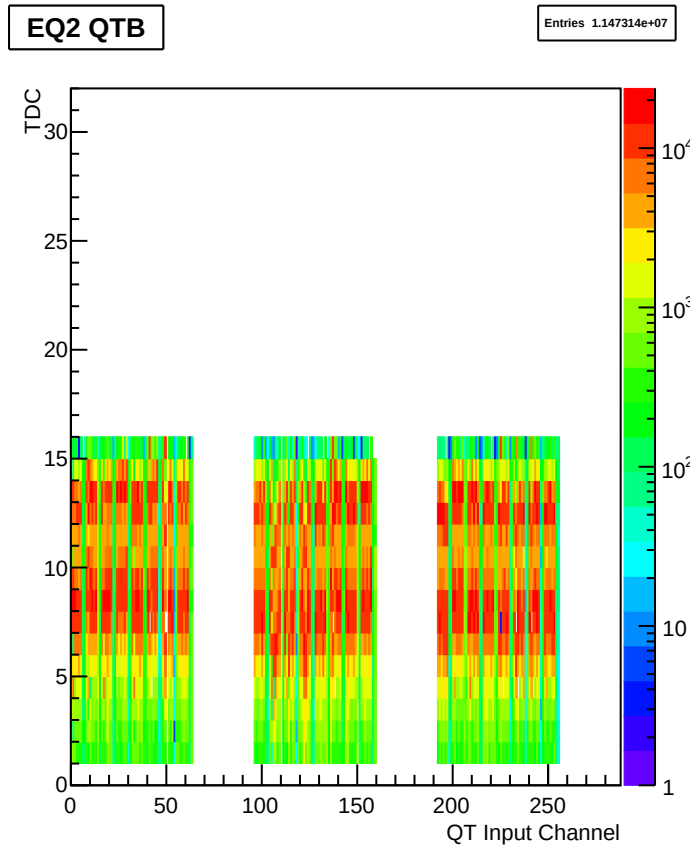

EQ1 QTB
Entries 3.605472e+07
ADC
QT Input Channel

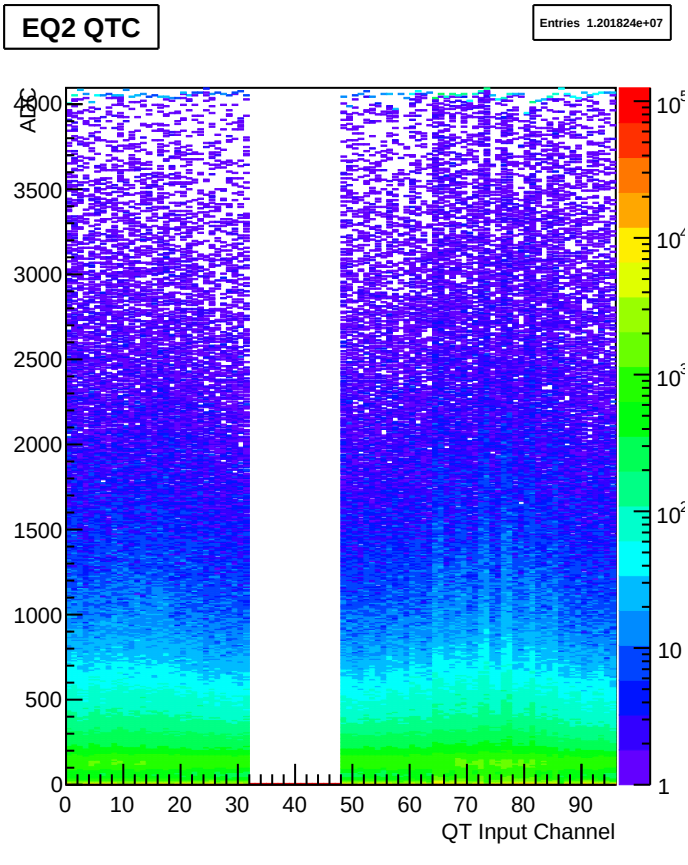

EQ1 QTB
Entries 1.170112e+07
TDC
QT Input Channel

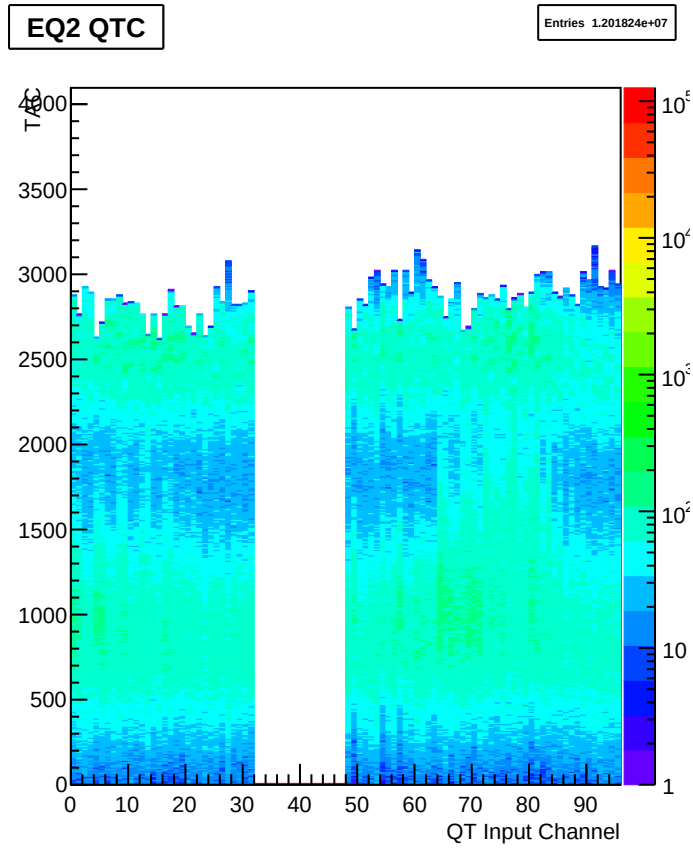

EQ1 QTC
Entries 1.201824e+07
ADC
QT Input Channel

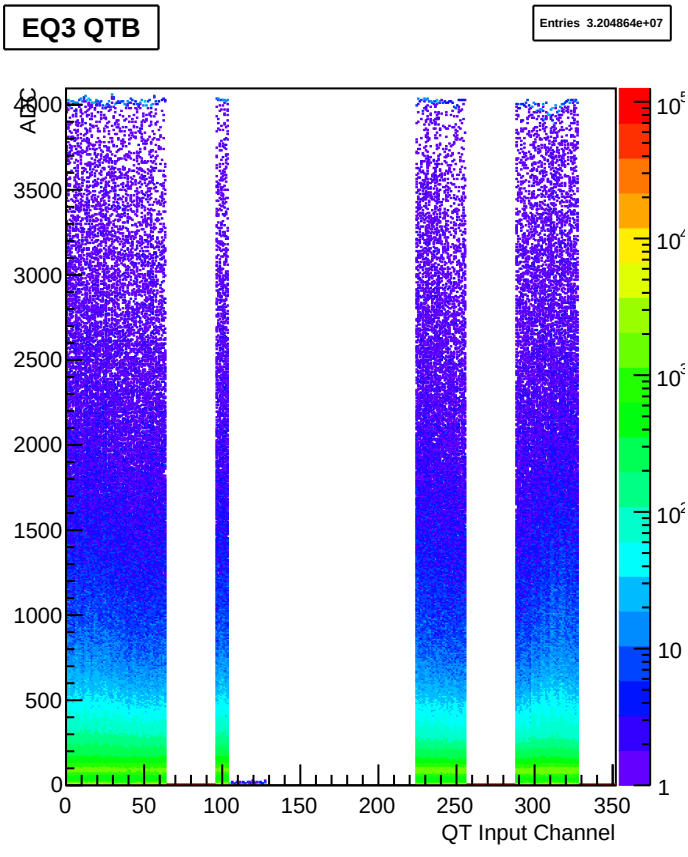

EQ1 QTC
Entries 1.201824e+07
TADC
QT Input Channel

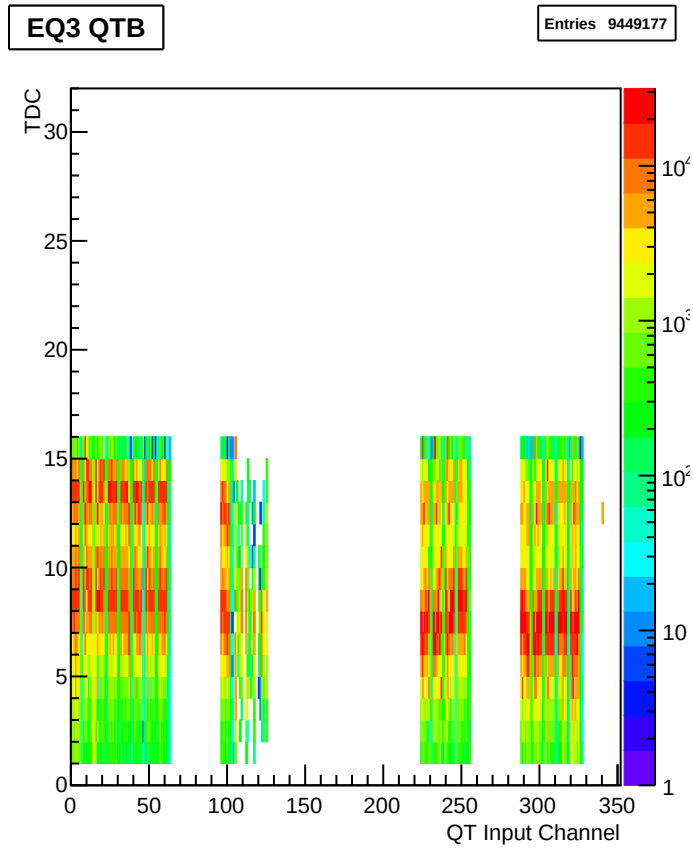

EQ2 QTB
Entries 3.605472e+07
ADC
QT Input Channel

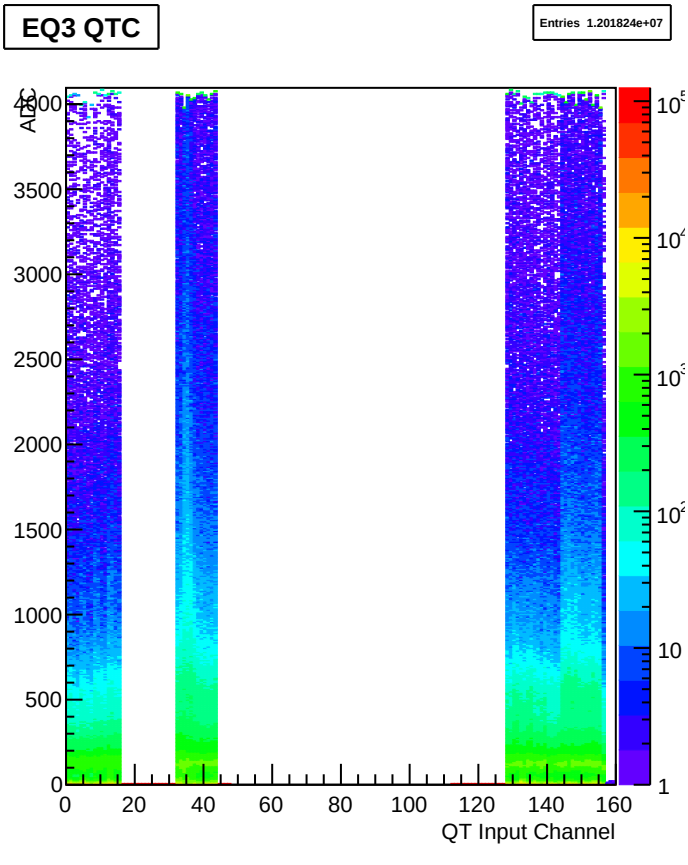

EQ2 QTB
Entries 1.147314e+07
TDC
QT Input Channel

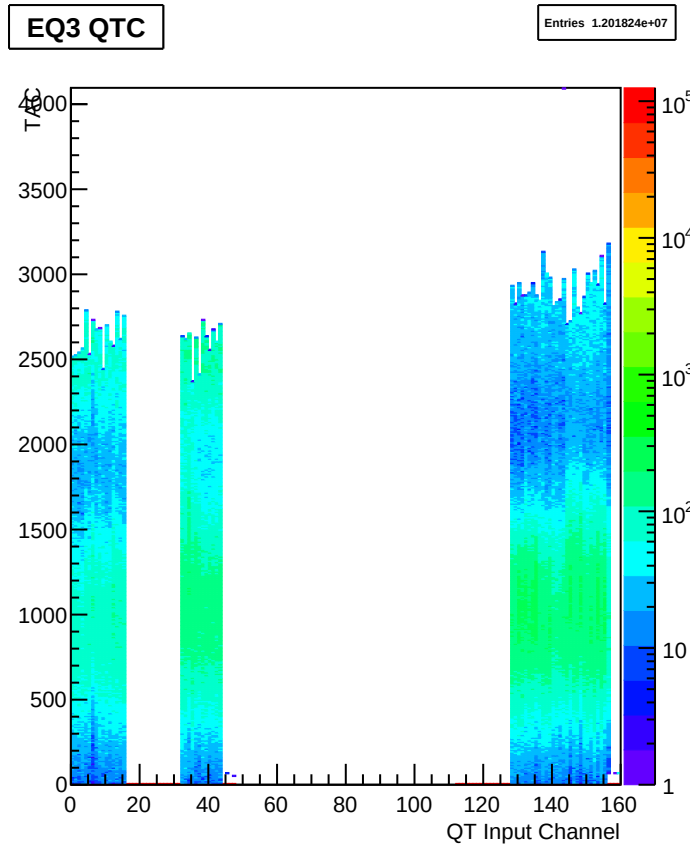

EQ2 QTC
Entries 1.201824e+07
ADC
QT Input Channel

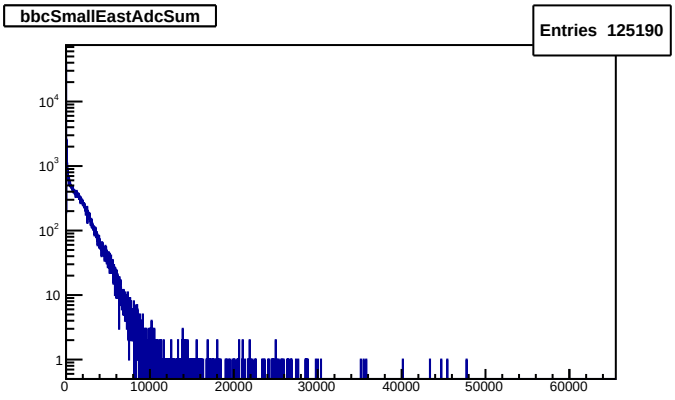

EQ2 QTC
Entries 1.201824e+07
TADC
QT Input Channel

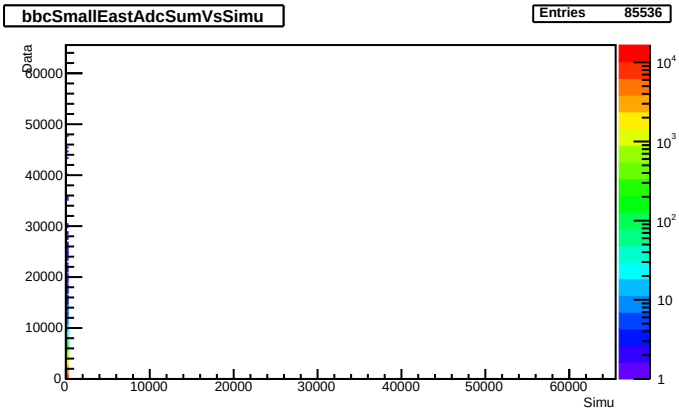

EQ3 QTB
Entries 3.204864e+07
ADC
QT Input Channel

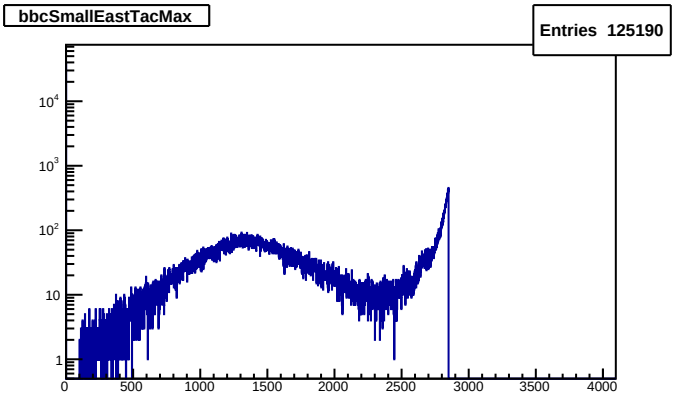

EQ3 QTB
Entries 9449177
TDC
QT Input Channel

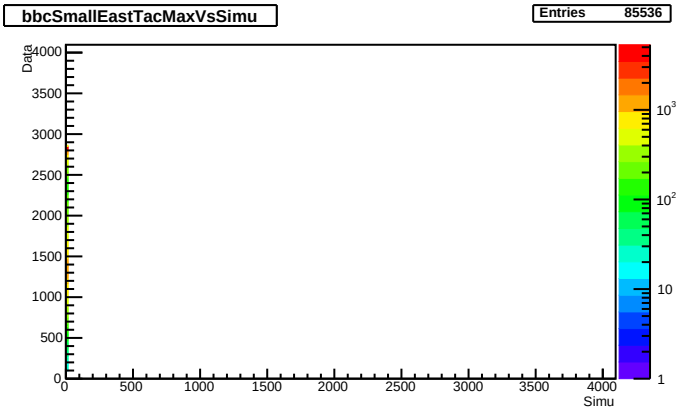

EQ3 QTC
Entries 1.201824e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.201824e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 125190


bbcSmallEastAdcSumVsSimu
Entries 85536
Data
Simu


bbcSmallEastTacMax
Entries 125190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Entries 85536
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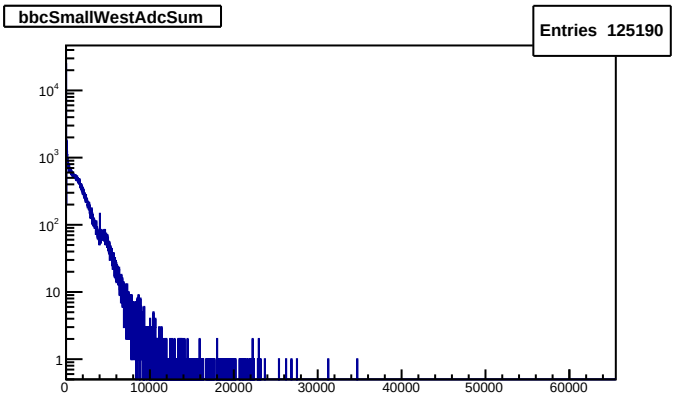
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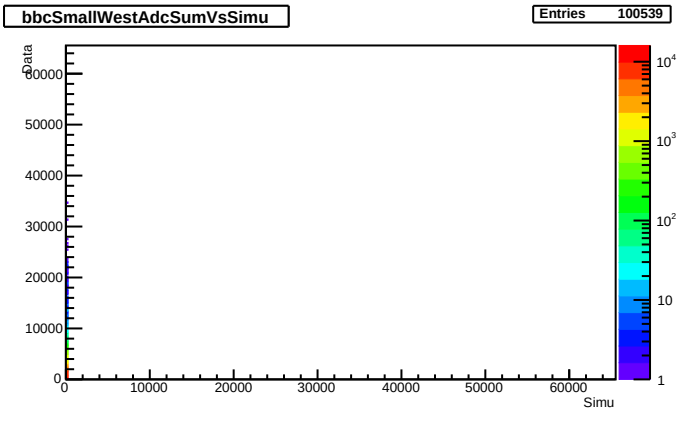
Entries 125190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Entries 100539
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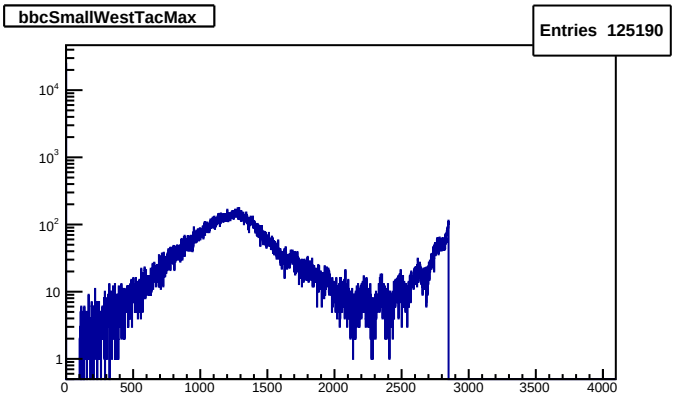
Simu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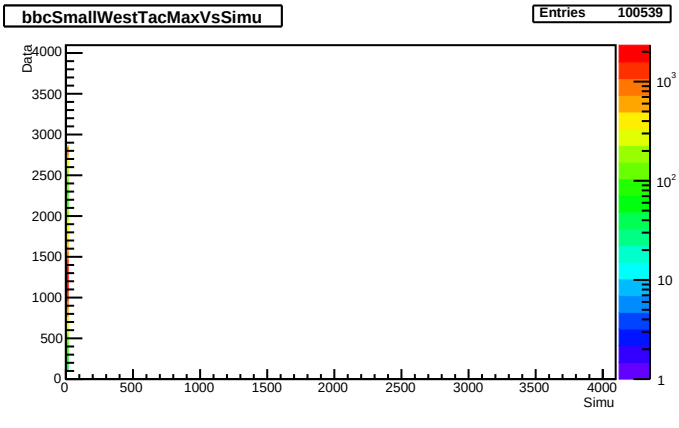
Entries 125190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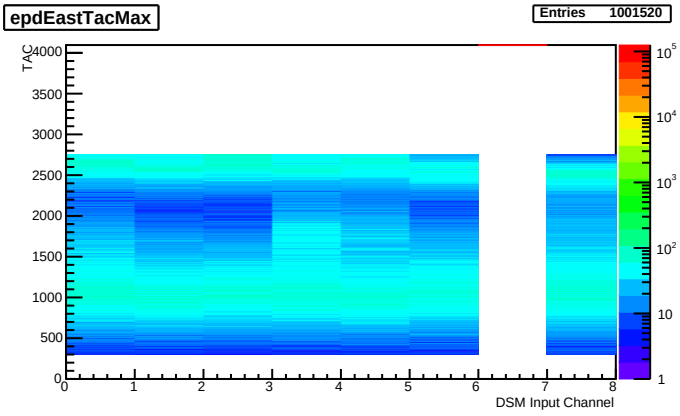
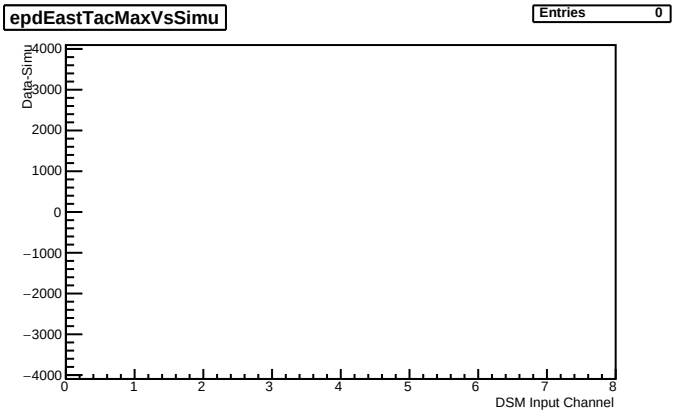
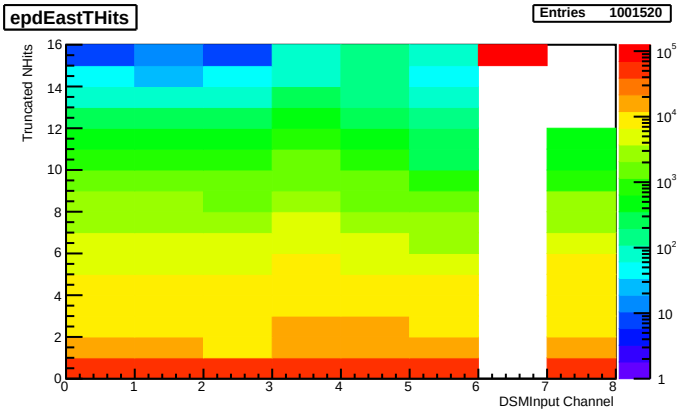
Entries 100539
Data
Simu


epdEastTacMax
Entries 1001520
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 1001520
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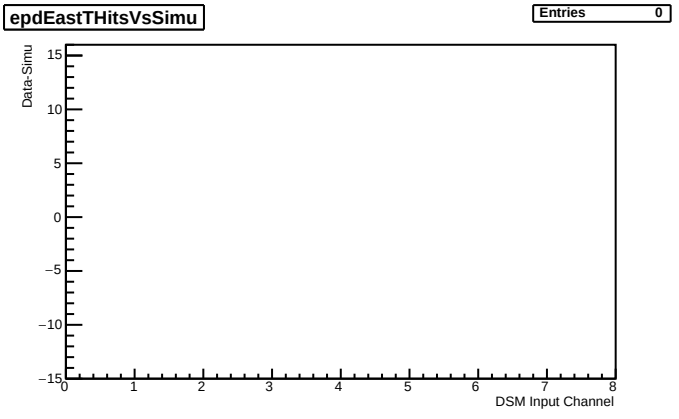
DSMInput Channel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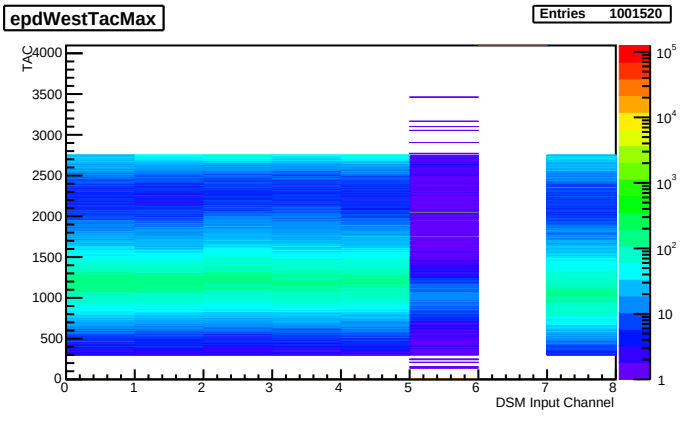
DSM Input Channel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Entries 1001520
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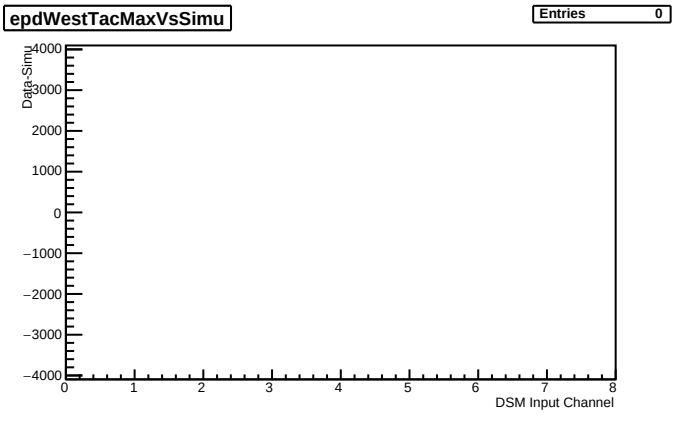
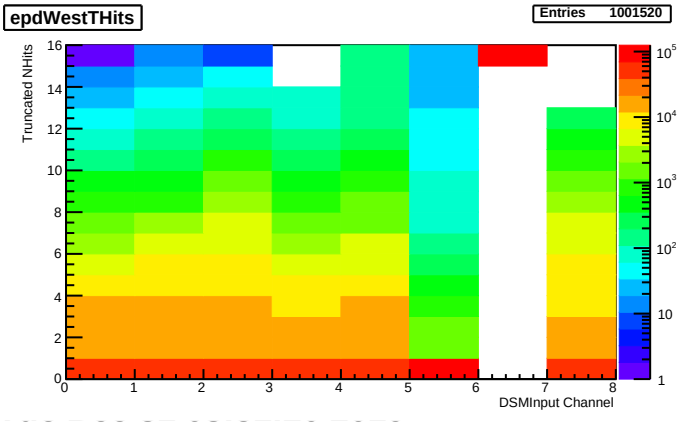
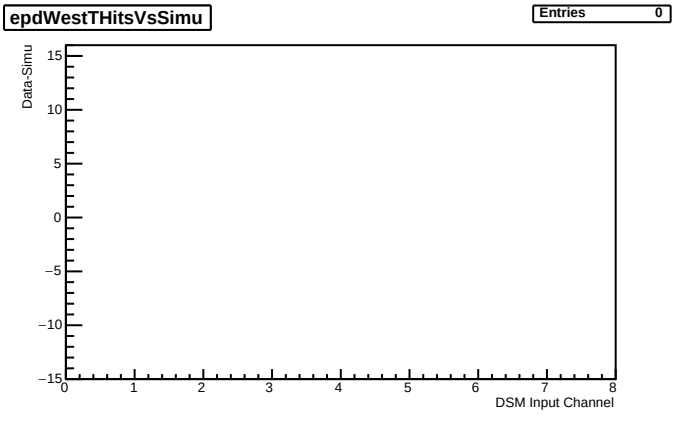
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1001520
Truncated NHits
DSMInput Channel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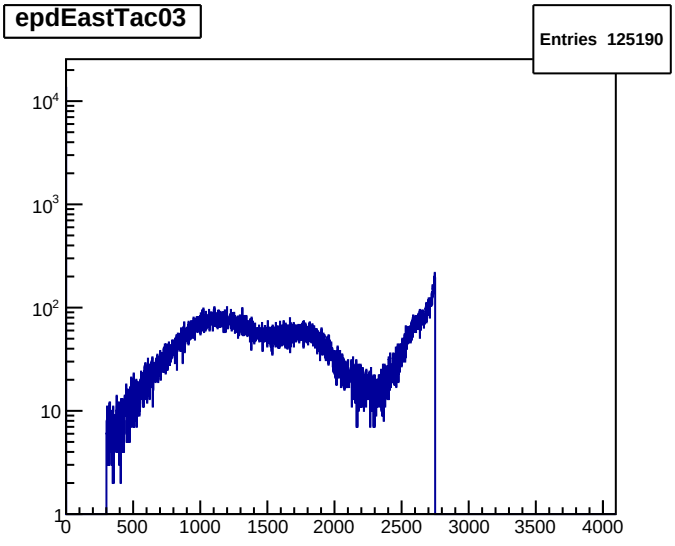
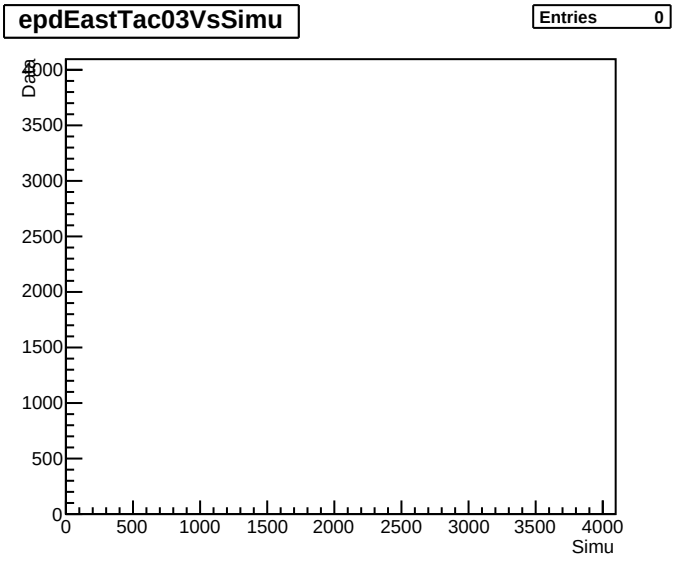
DSM Input Channel


epdEastTac03
Entries 125190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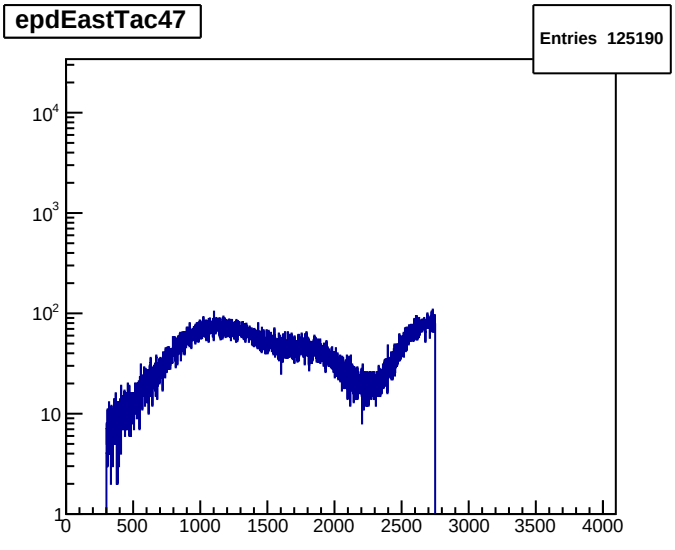
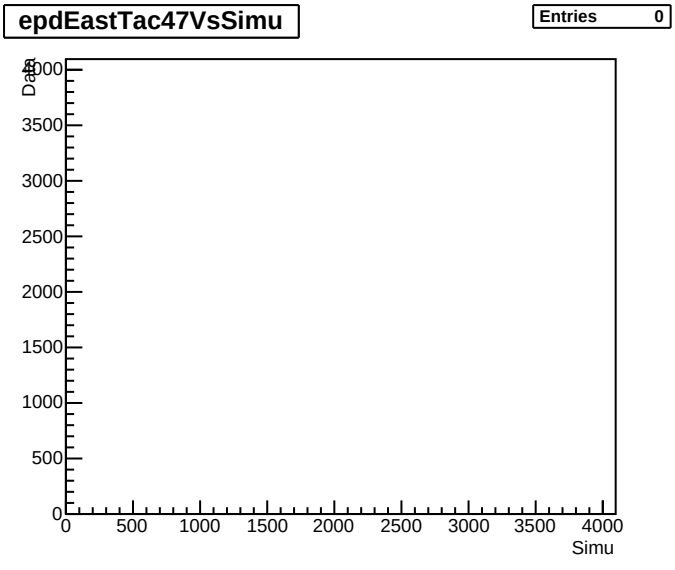
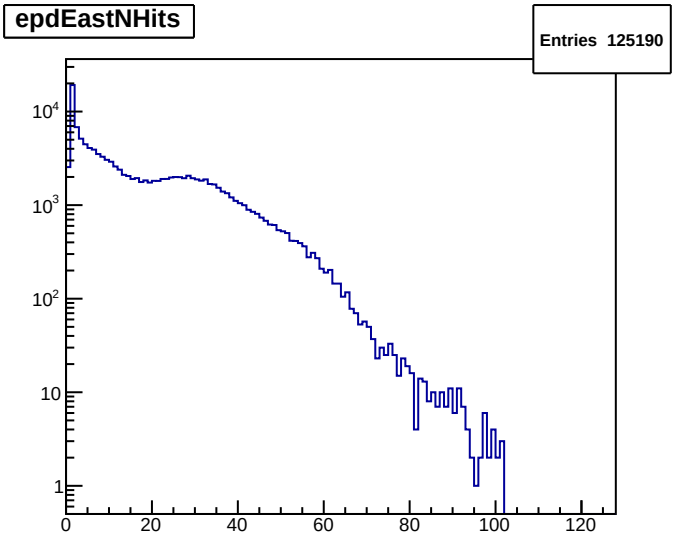
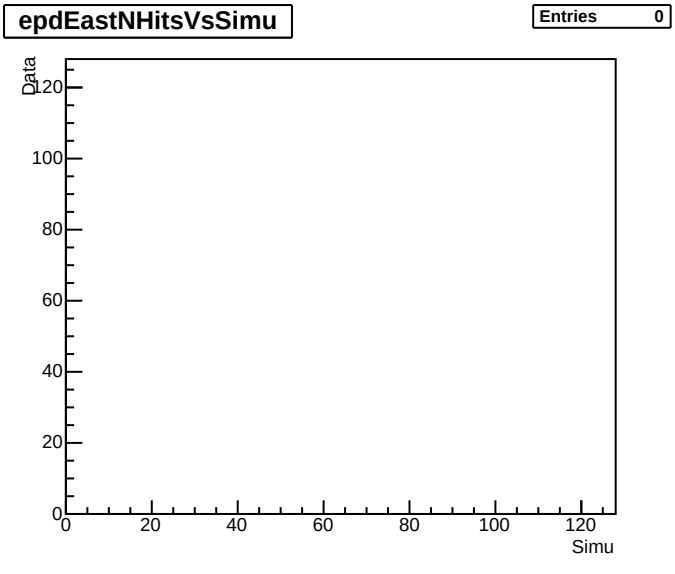
Entries 0
Data
Simu


epdEastTac47
Entries 125190


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 125190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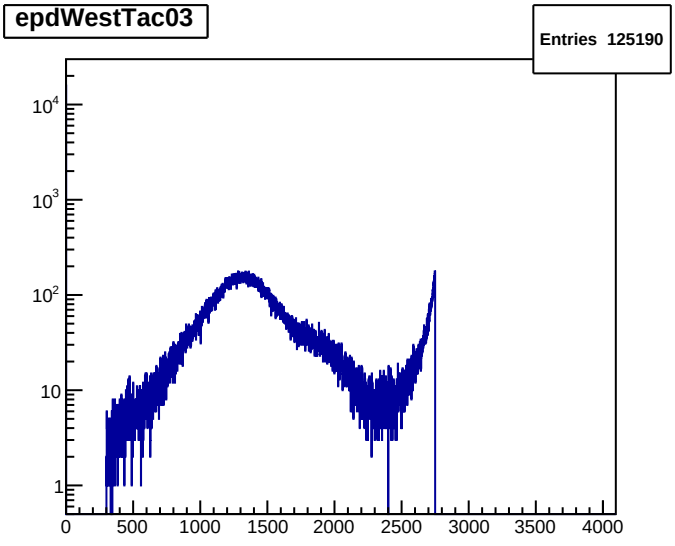
Entries 0
Data
Simu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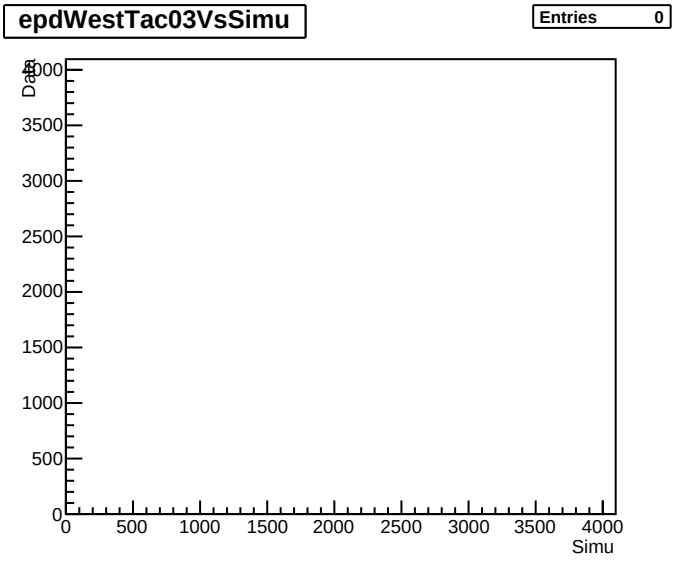
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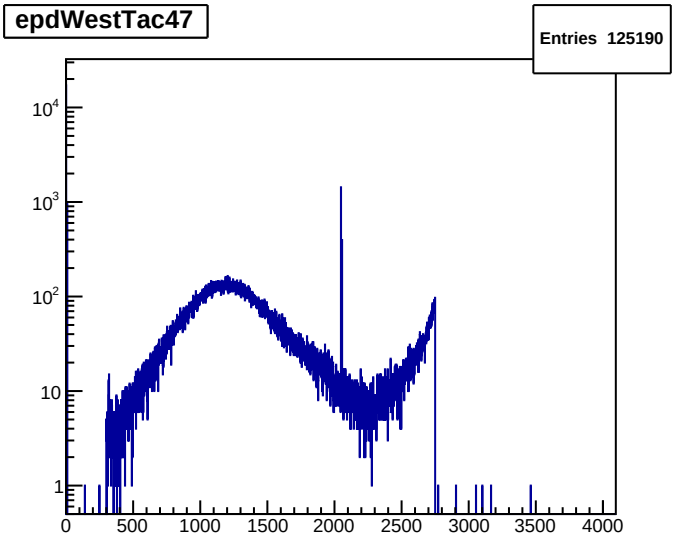
Entries 0
Data
Simu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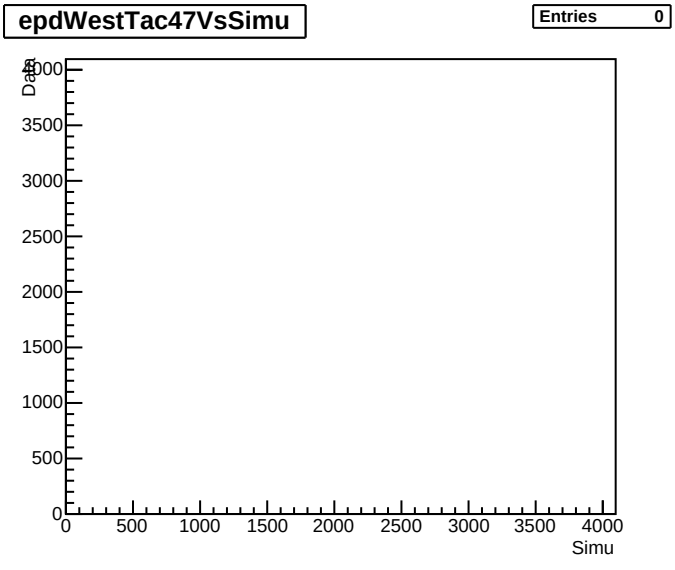
Entries 125190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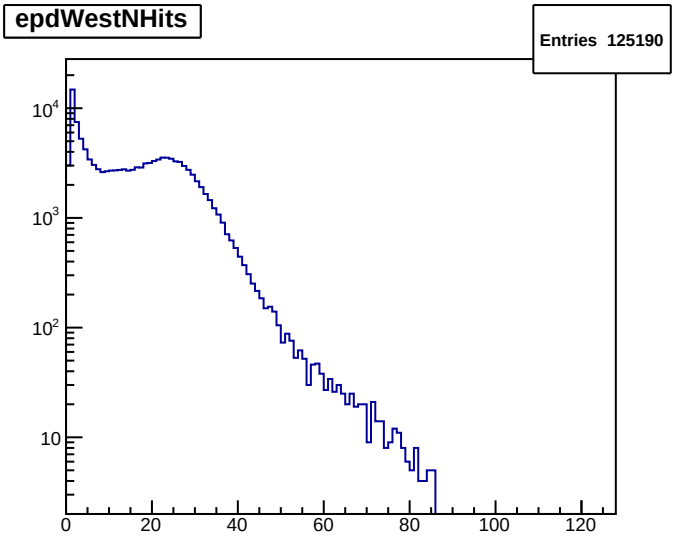
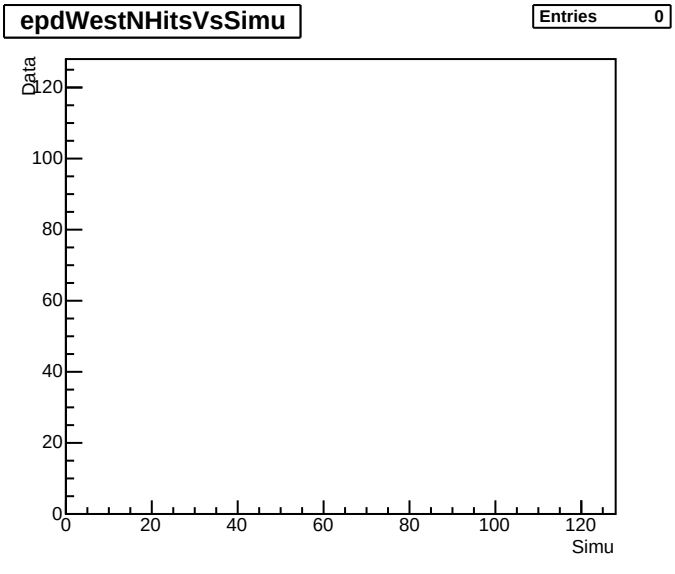
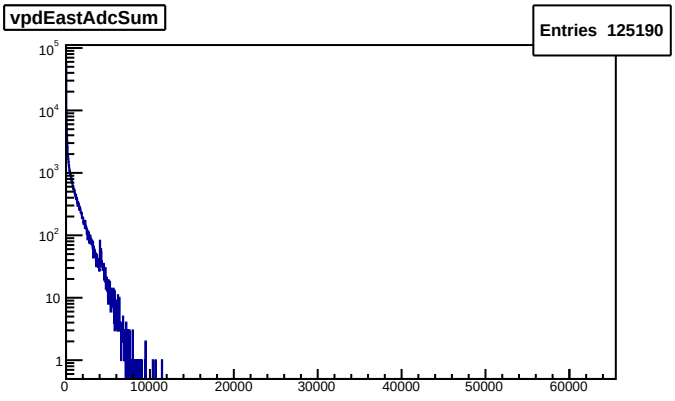
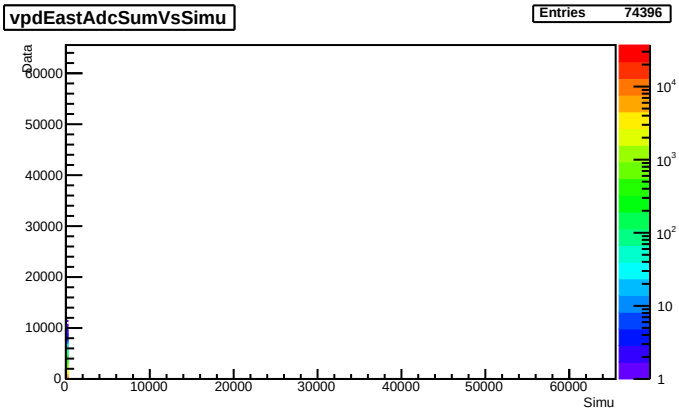
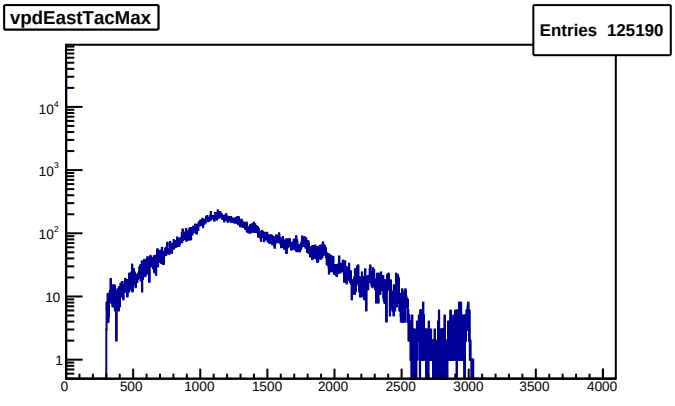
Entries 0
Data
Simu

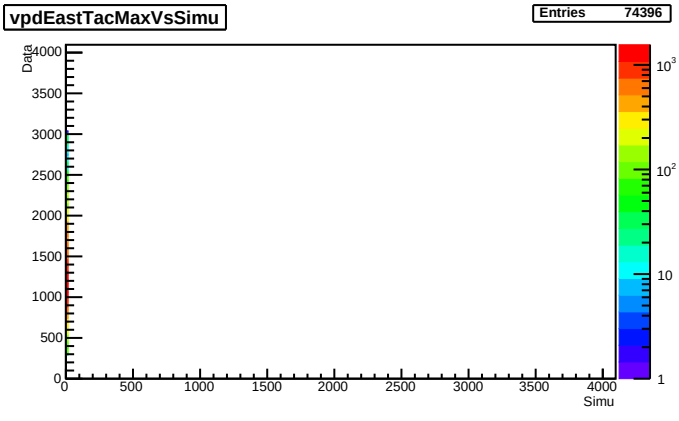

epdWestNHits
Entries 125190

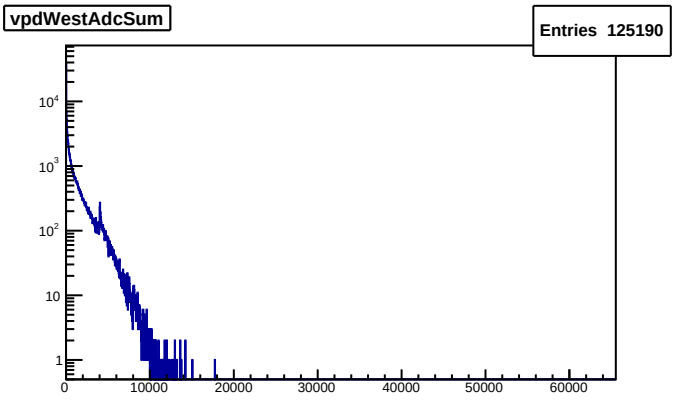

epdWestNHitsVsSimu
Entries 0
Data
Simu

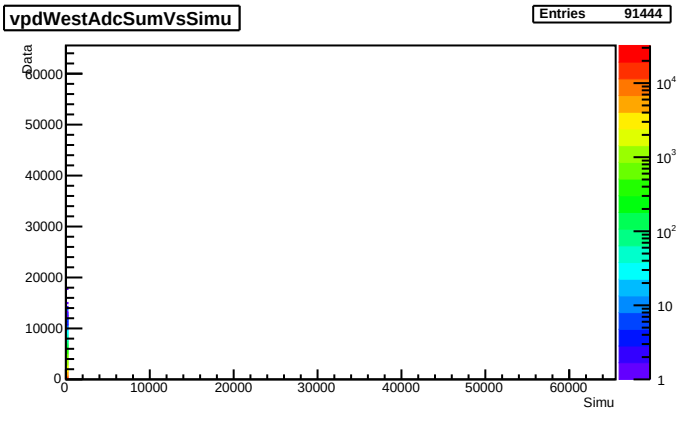

vpdEastAdcSum
Entries 125190

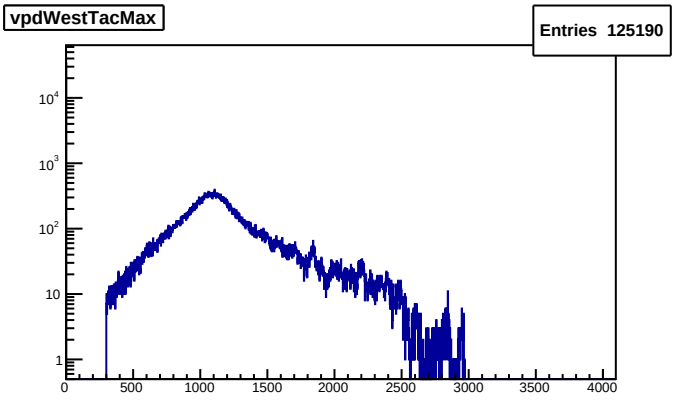

vpdEastAdcSumVsSimu
Entries 74396
Data
Simu

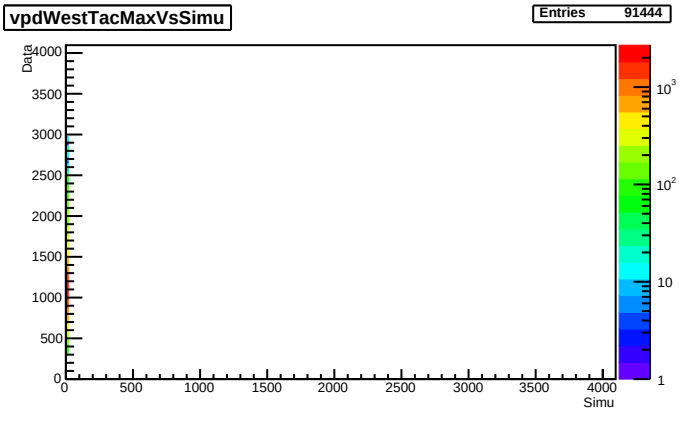

vpdEastTacMax
Entries 125190

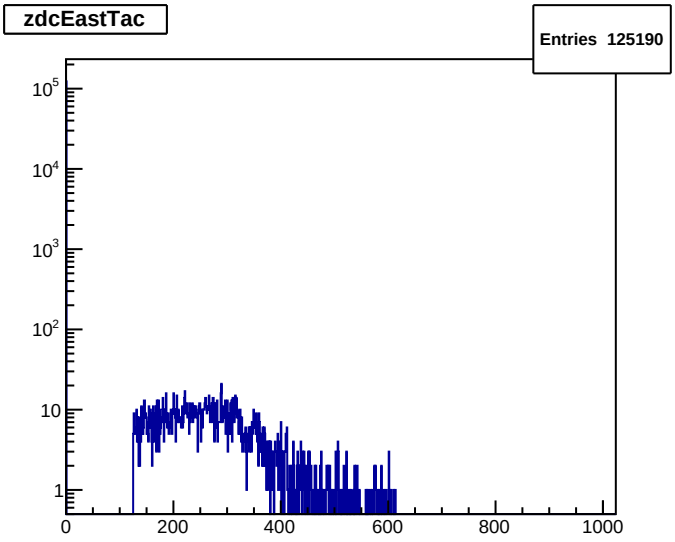

vpdEastTacMaxVsSimu
Entries 74396
Data
Simu

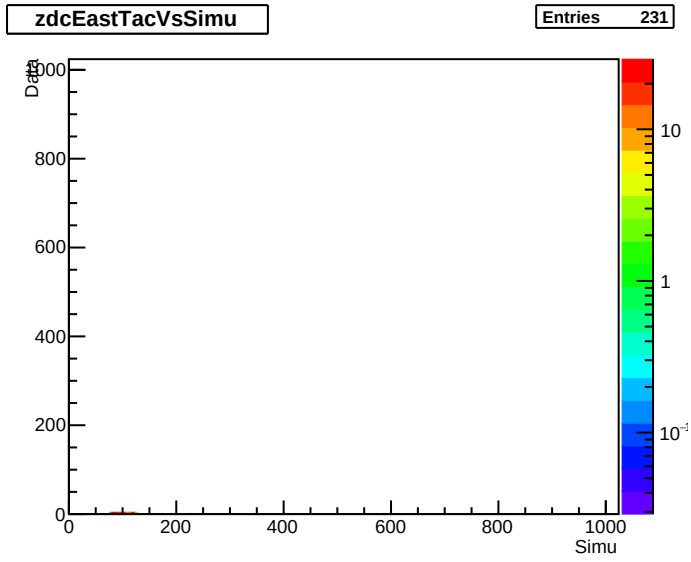

vpdWestAdcSum
Entries 125190

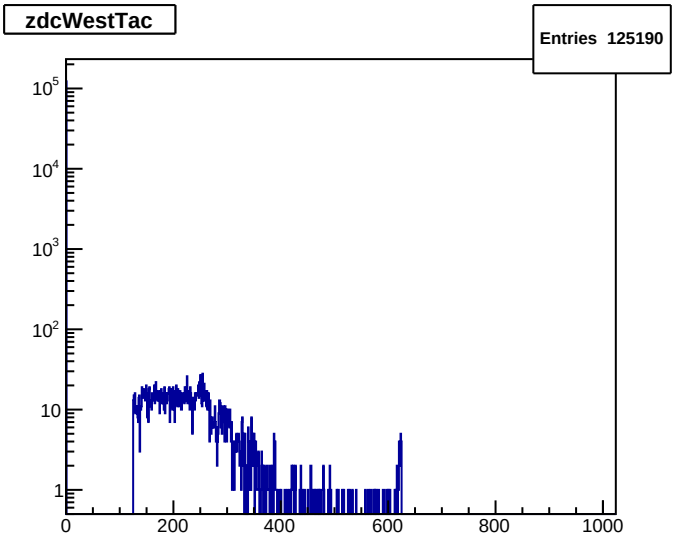

vpdWestAdcSumVsSimu
Entries 91444
Data
Simu

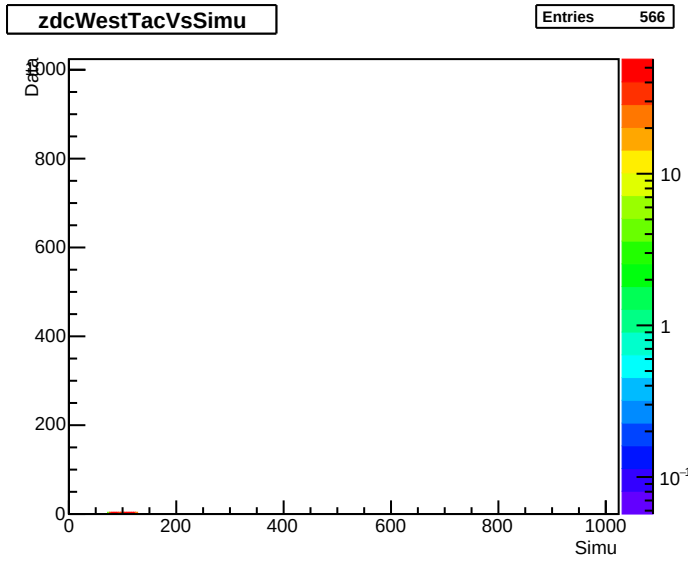

vpdWestTacMax
Entries 125190

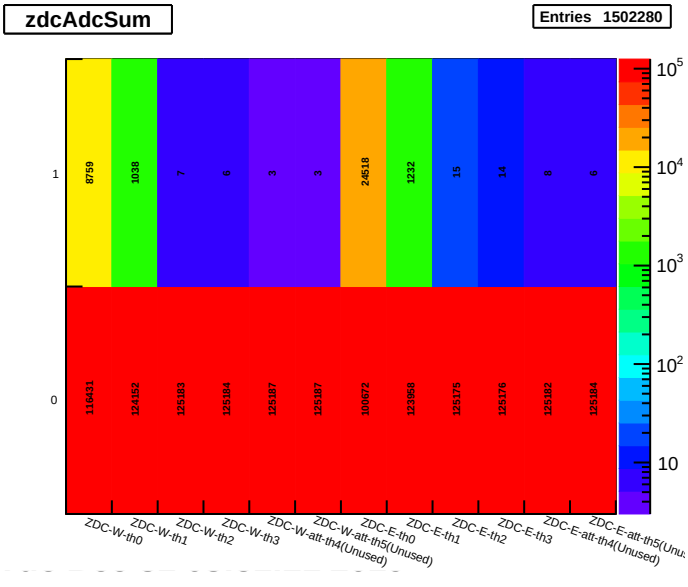

vpdWestTacMaxVsSimu
Entries 91444
Data
Simu

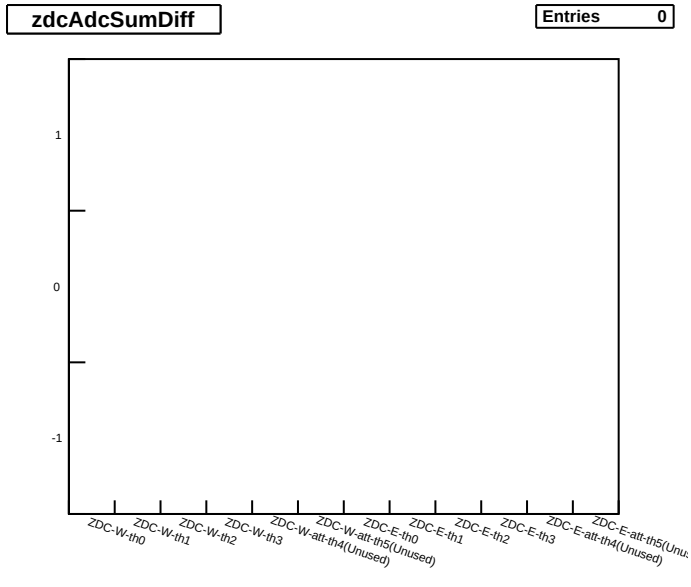

zdcEastTac
Entries 125190

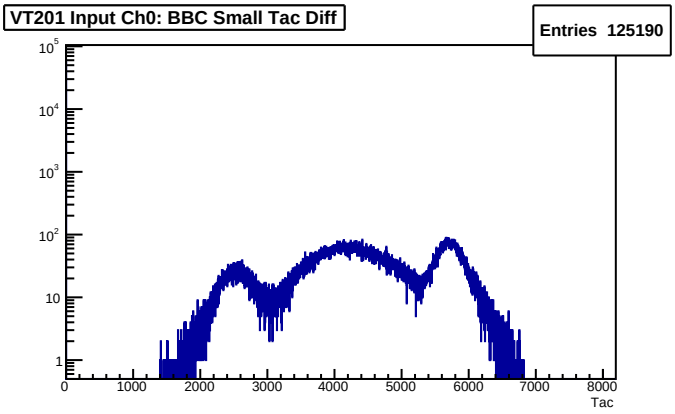

zdcEastTacVsSimu
Entries 231
Data
Simu

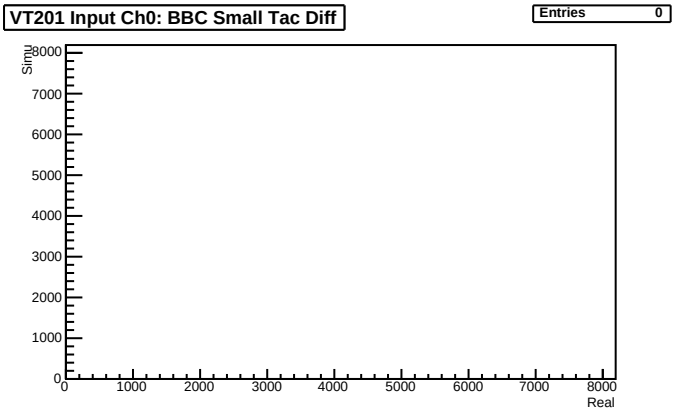

zdcWestTac
Entries 125190

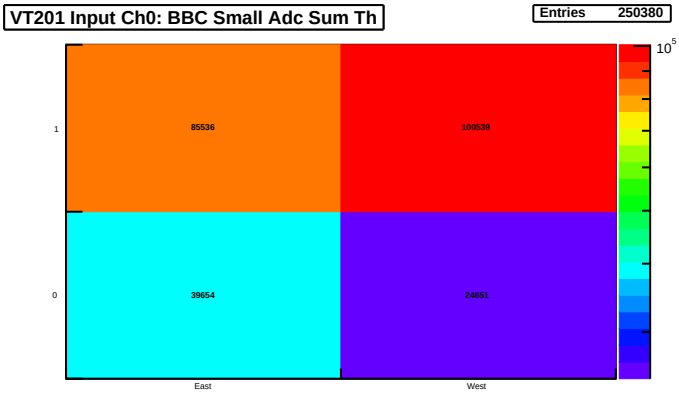

zdcWestTacVsSimu
Entries 566
Data
Simu

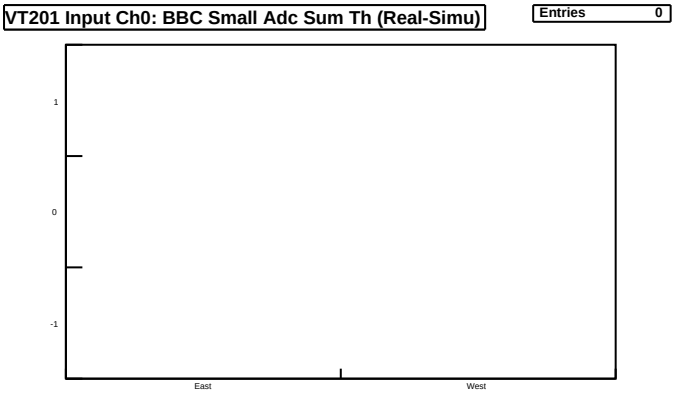

zdcAdcSum
Entries 1502280
8759
1038
7
6
3
3
24518
1232
15
14
8
6
116431
124152
125183
125184
125187
125187
100672
123566
125175
125176
125182
125184
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

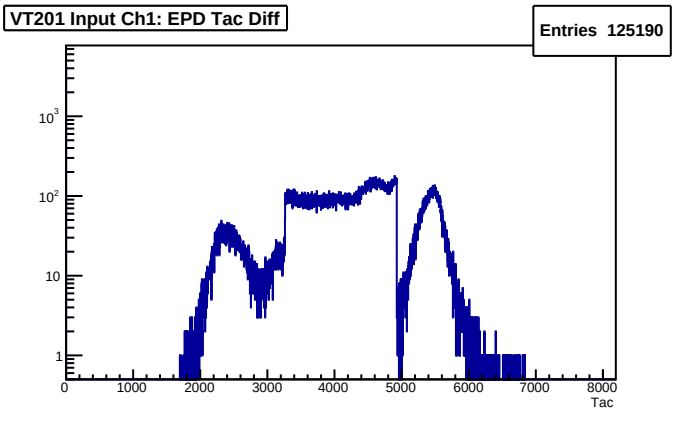

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

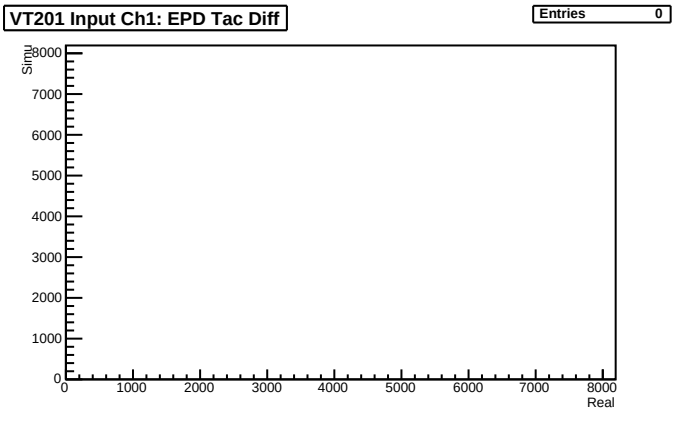

VT201 Input Ch0: BBC Small Tac Diff
Entries 125190
Tac

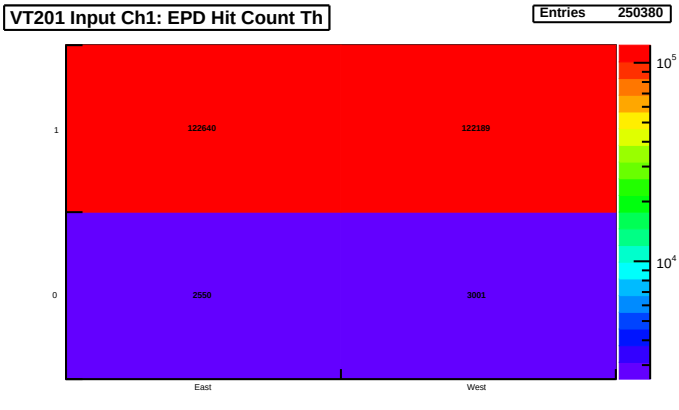

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

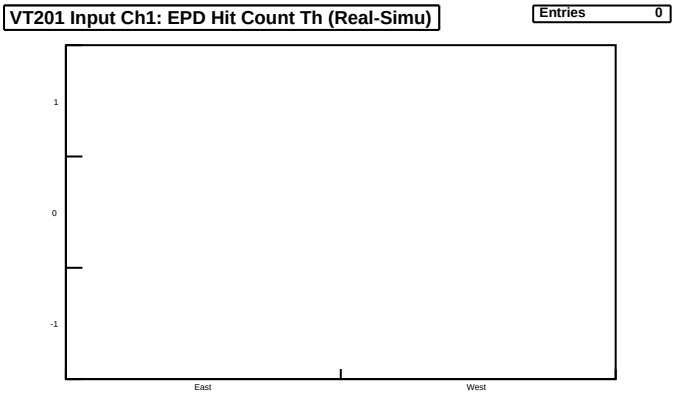

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 250380
85536
100539
39654
24651
East
West

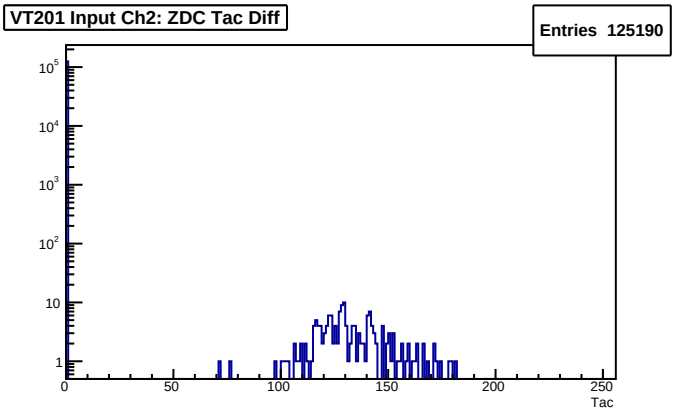

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

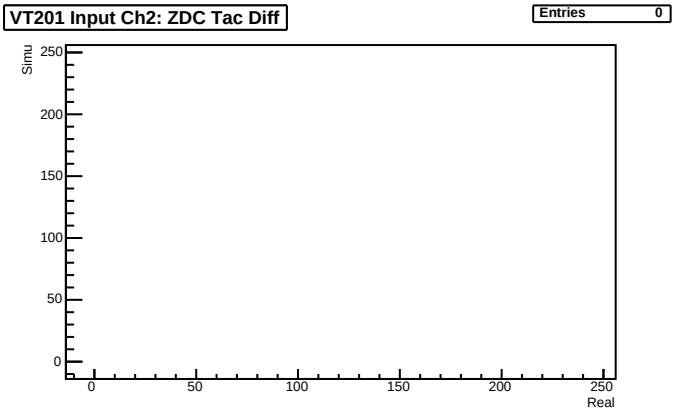

VT201 Input Ch1: EPD Tac Diff
Entries 125190
Tac

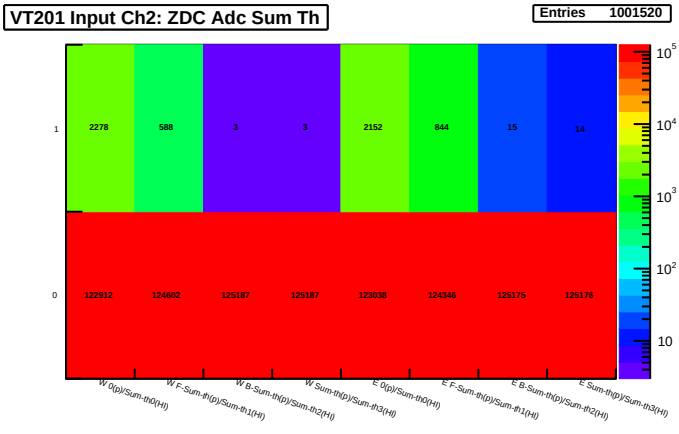

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

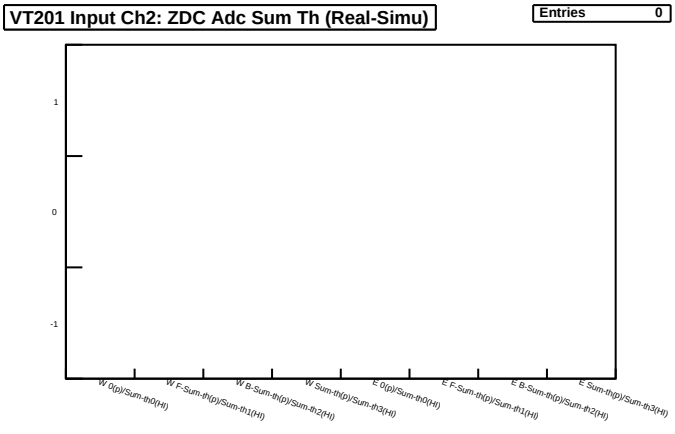

VT201 Input Ch1: EPD Hit Count Th
Entries 250380
122640
122189
2550
3001
East
West

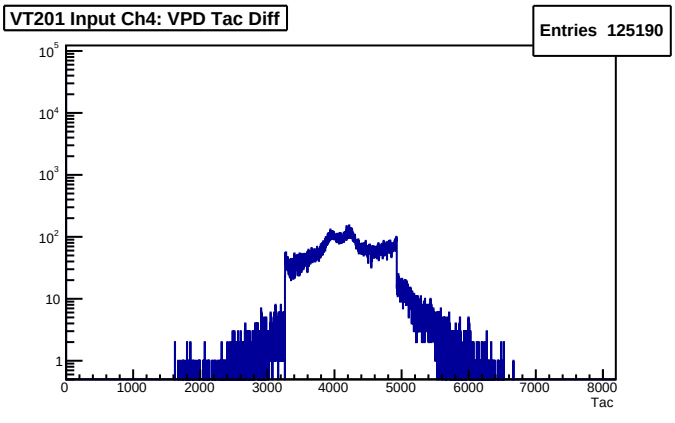

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

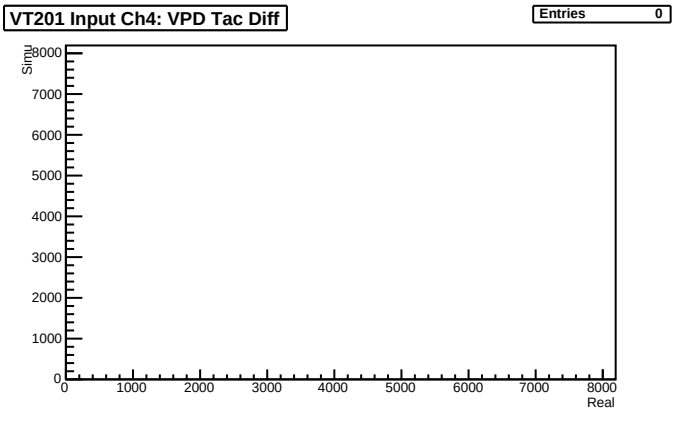

VT201 Input Ch2: ZDC Tac Diff
Entries 125190
Tac

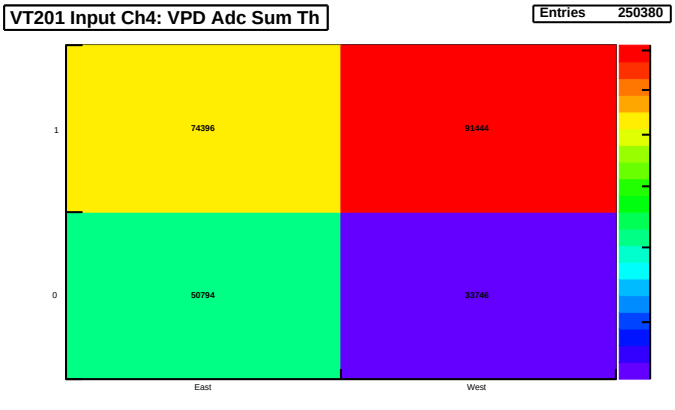

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

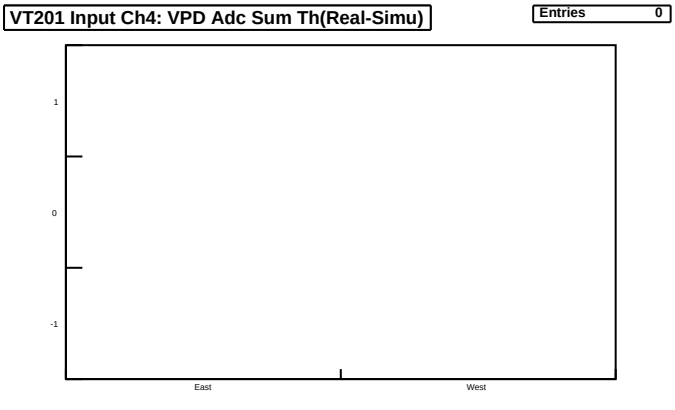

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1001520
2278
588
3
3
2152
844
15
14
122912
124602
125187
125187
123038
124346
125175
125176
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

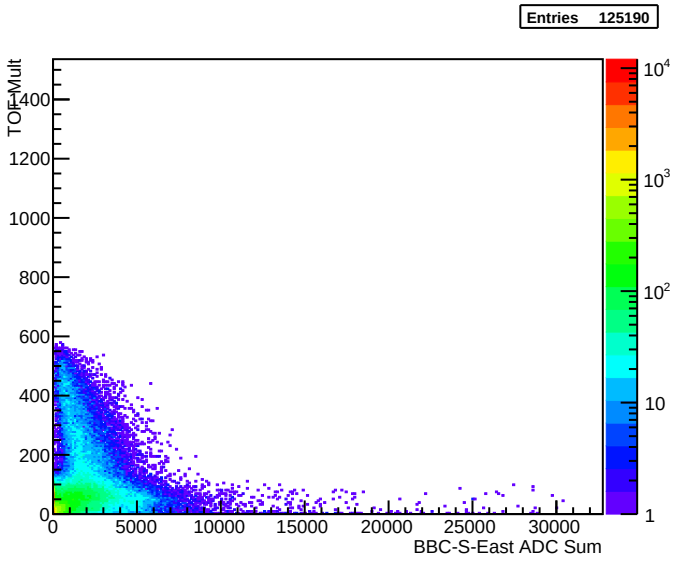

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

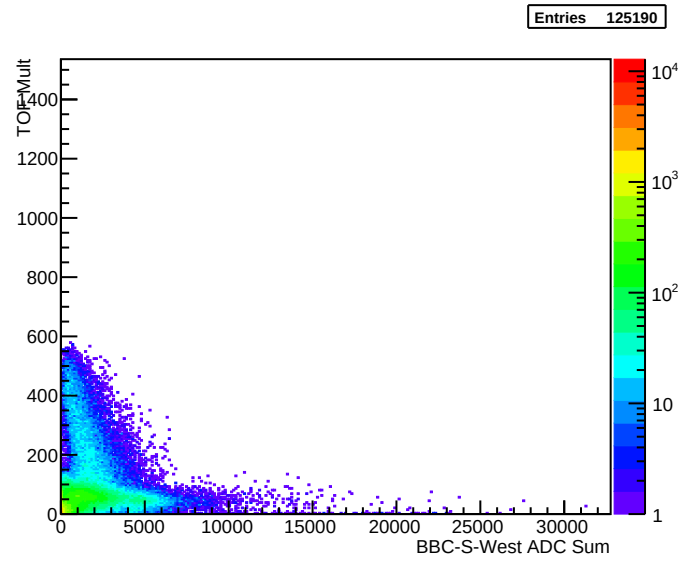

VT201 Input Ch4: VPD Tac Diff
Entries 125190
Tac

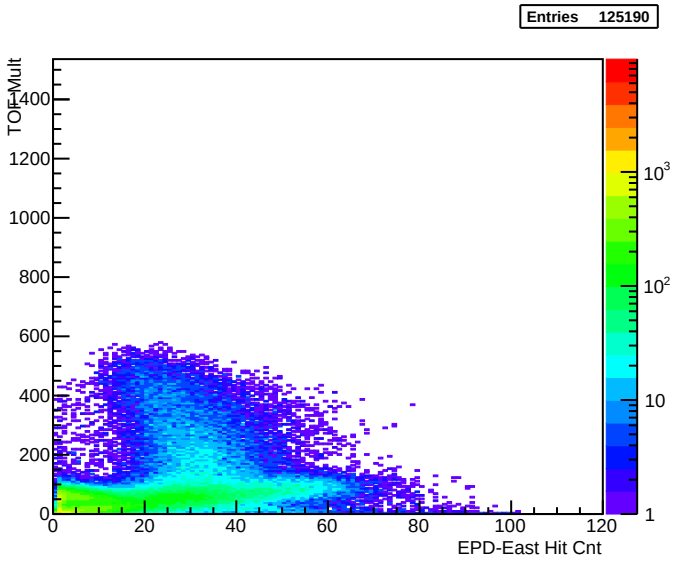

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

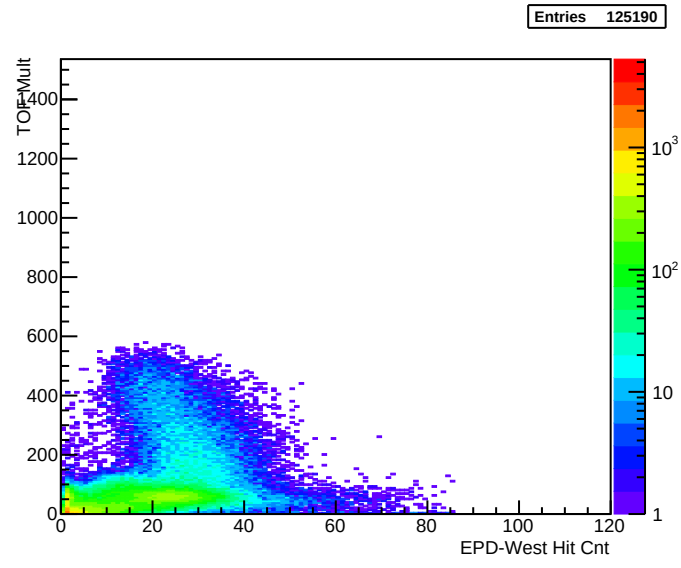

VT201 Input Ch4: VPD Adc Sum Th
Entries 250380
74396
91444
50794
33746
East
West

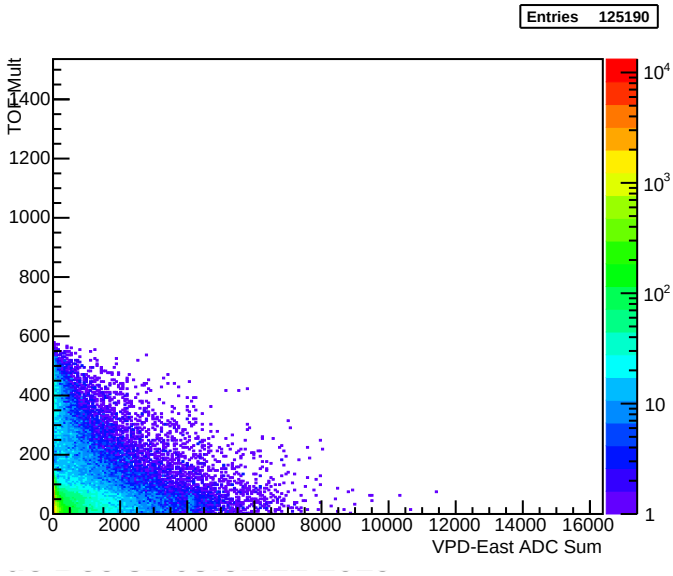

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

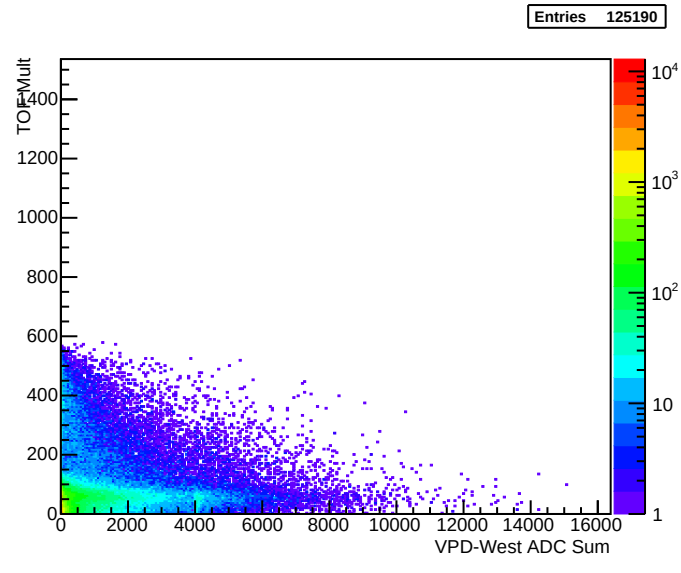

Entries 125190
TOF-Mult
BBC-S-East ADC Sum

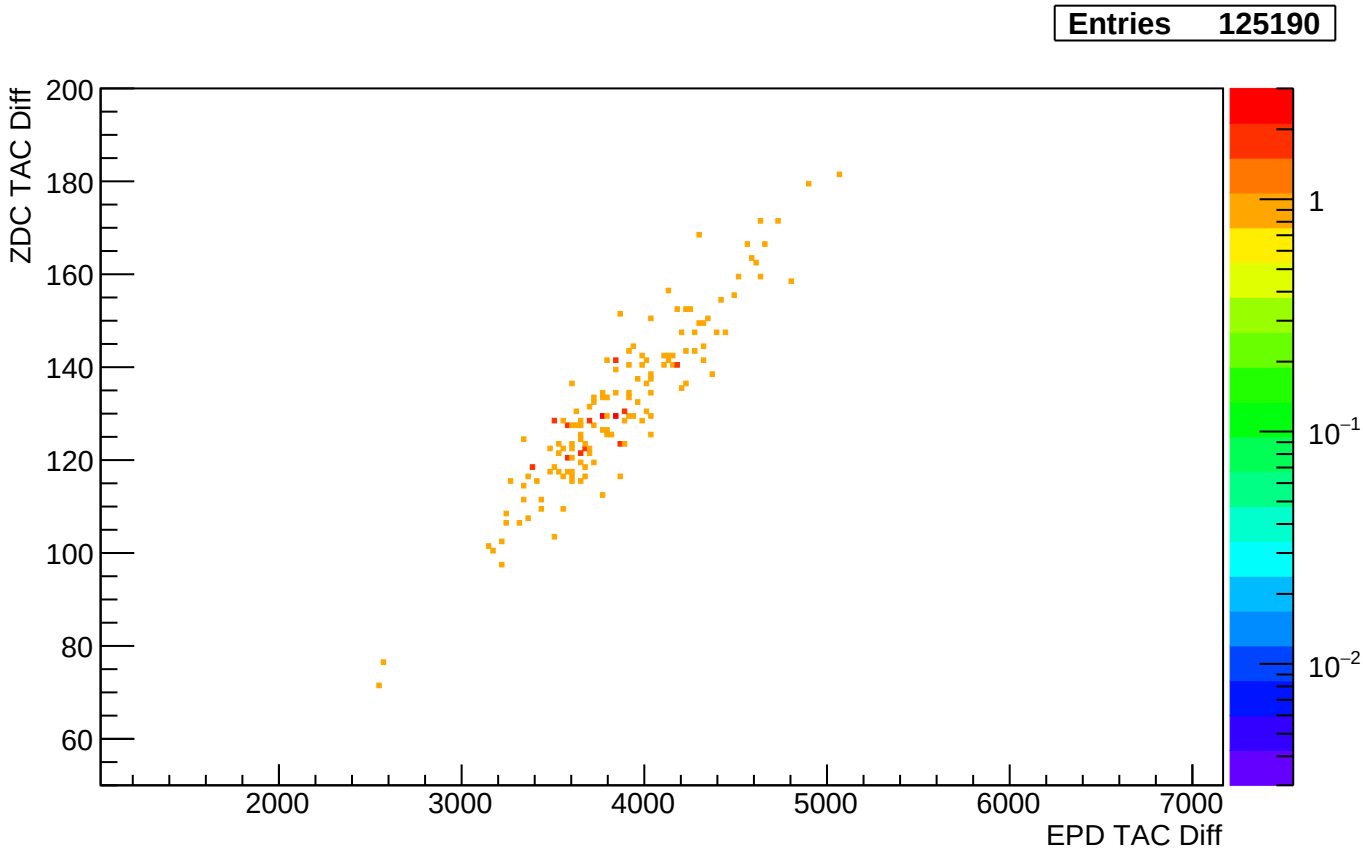

Entries 125190
TOF-Mult
BBC-S-West ADC Sum

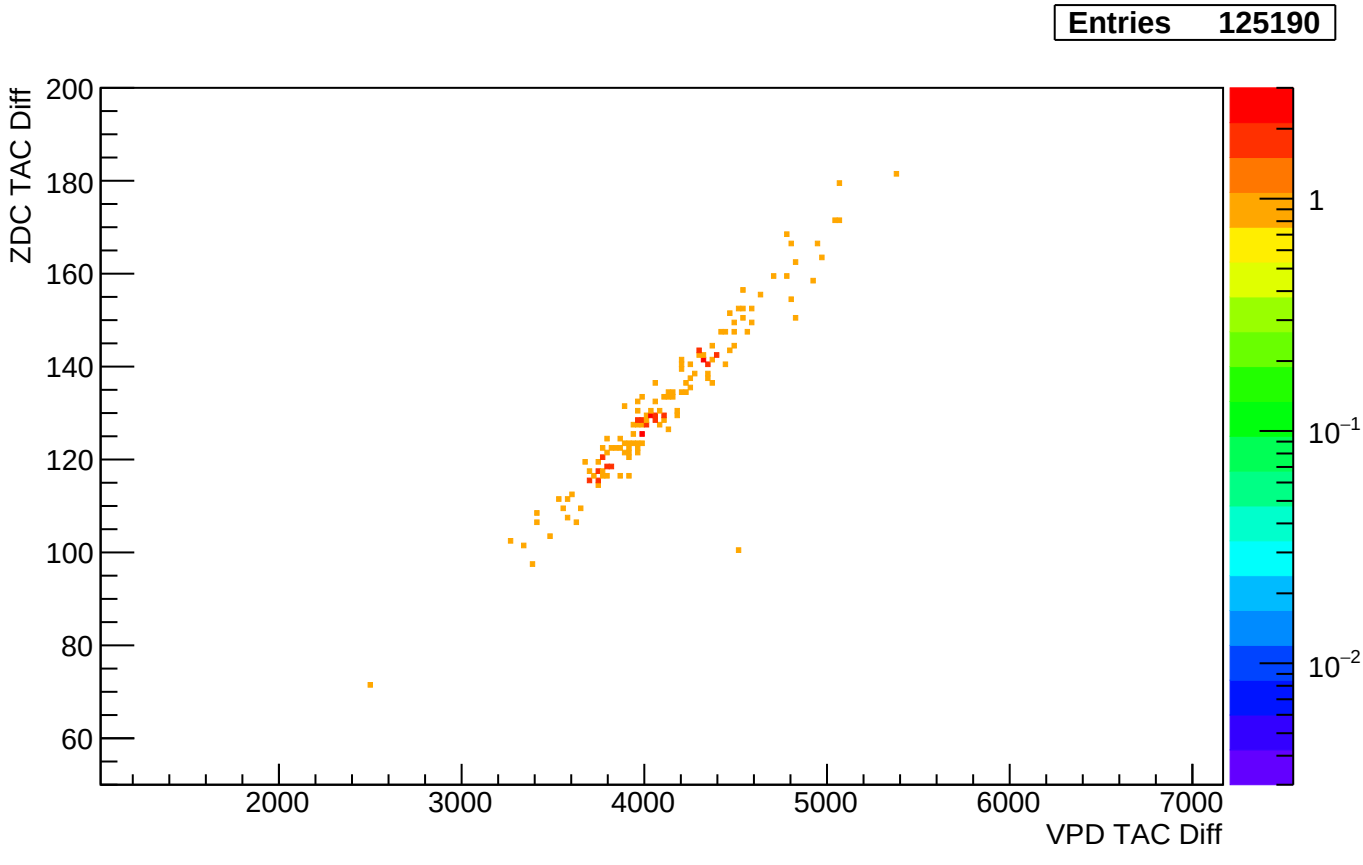

Entries 125190
TOF-Mult
EPD-East Hit Cnt

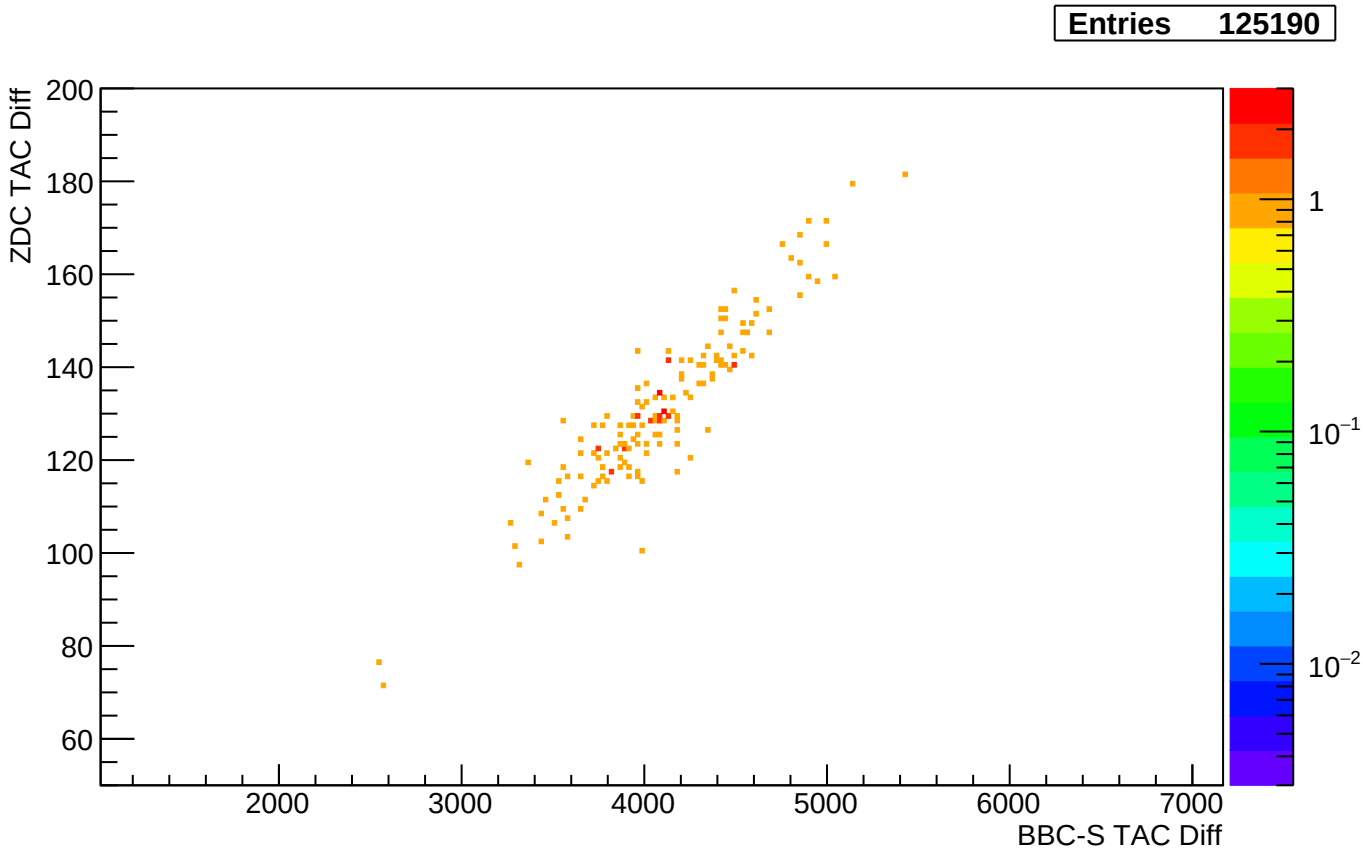

Entries 125190
TOF-Mult
EPD-West Hit Cnt

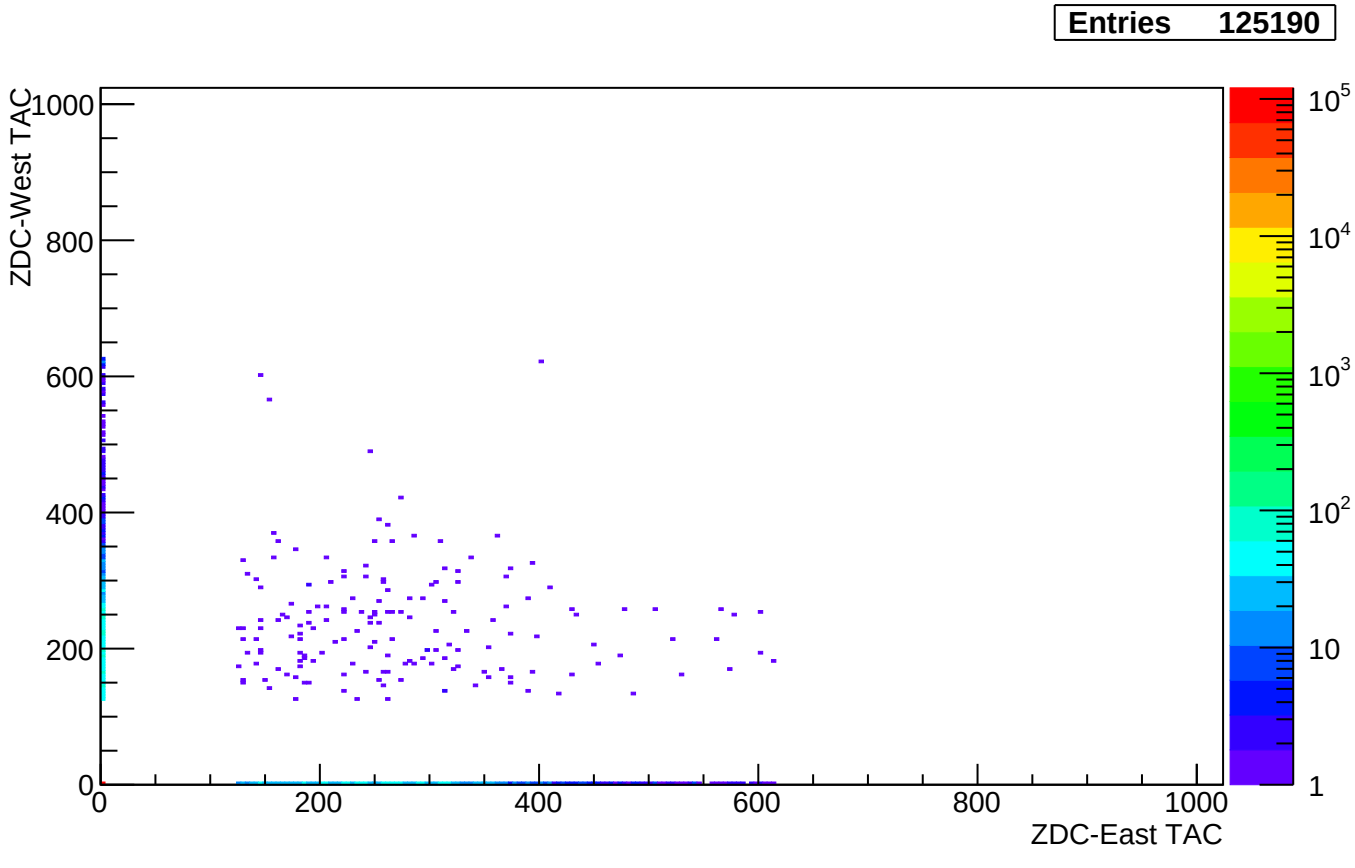

Entries 125190
TOF-Mult
VPD-East ADC Sum

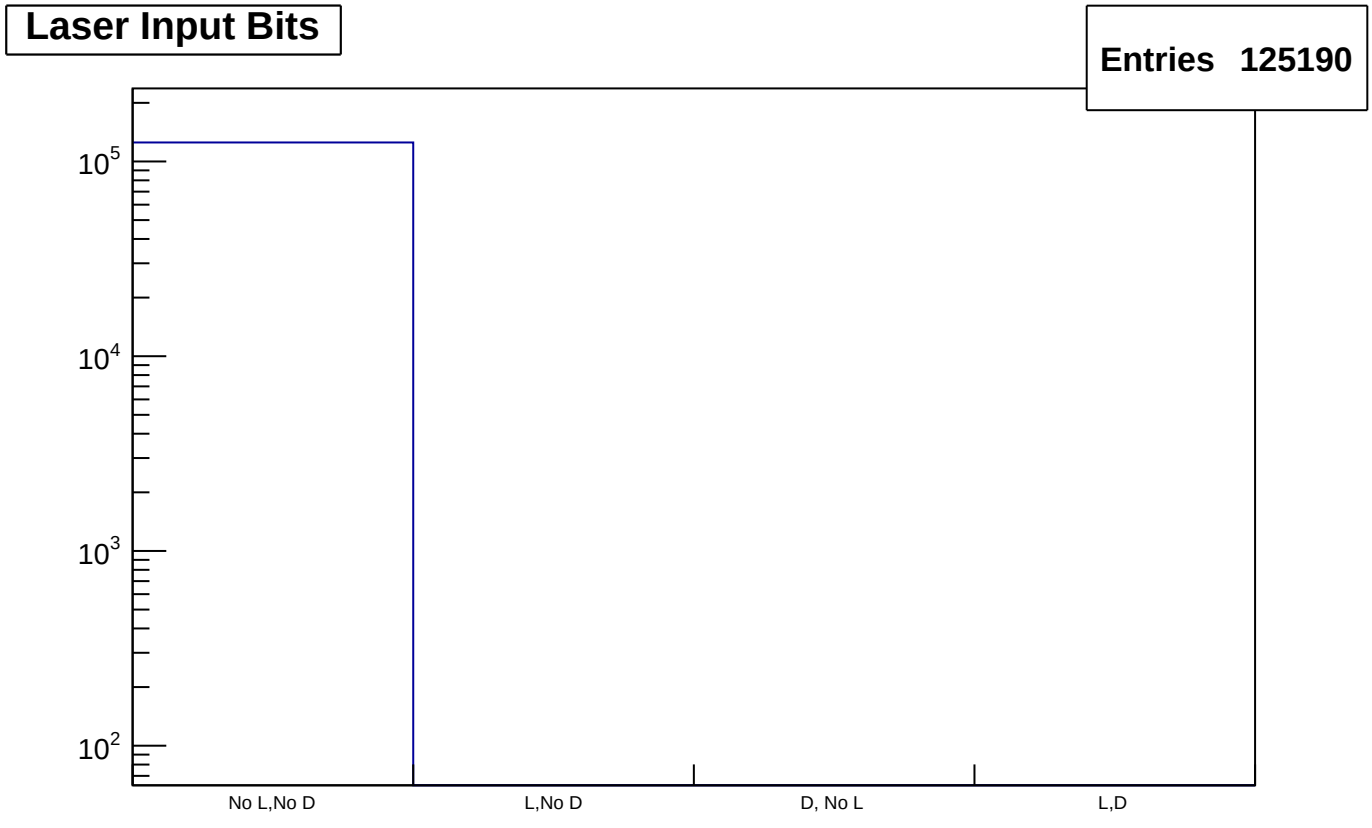

Entries 125190
TOF-Mult
VPD-West ADC Sum

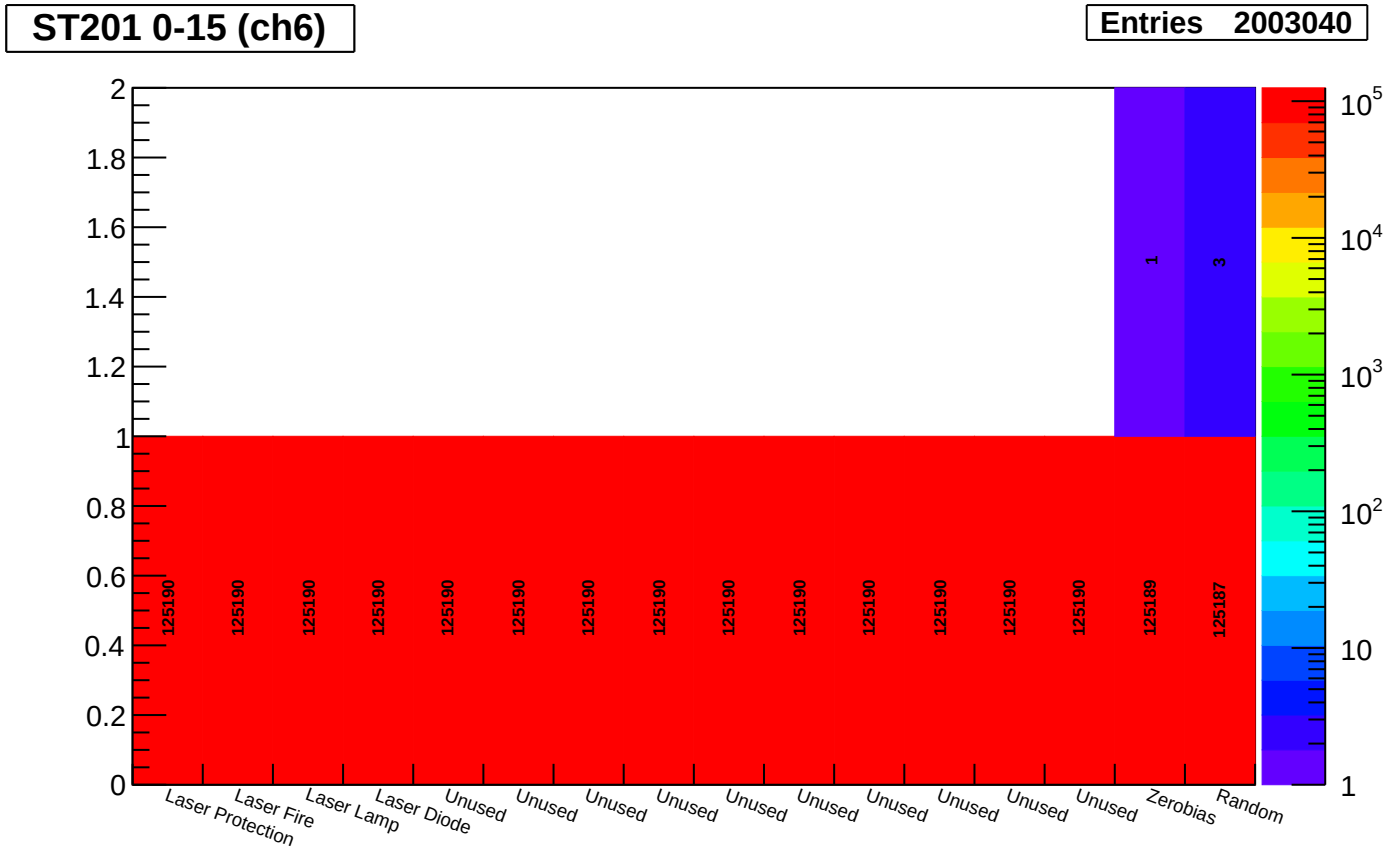

Entries 125190
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

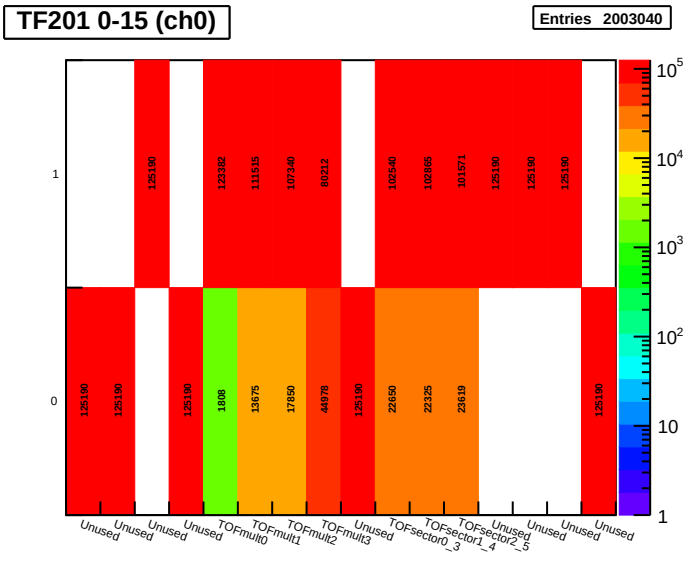

Entries 125190
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

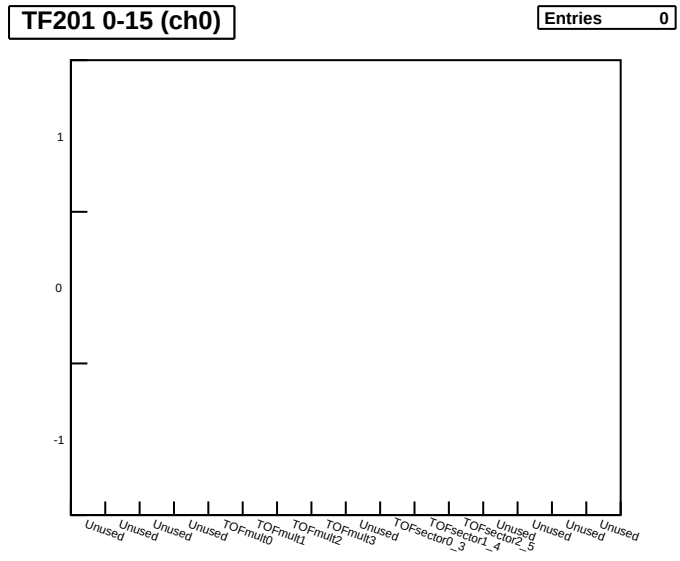

Entries 125190
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

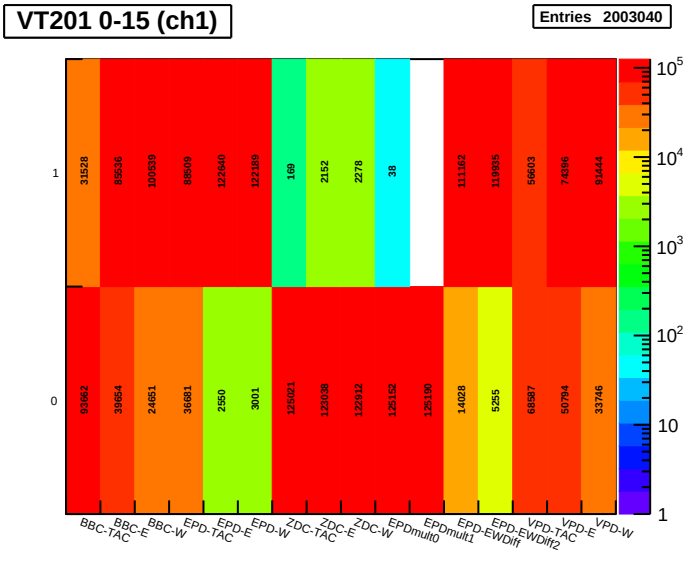

Entries 125190
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

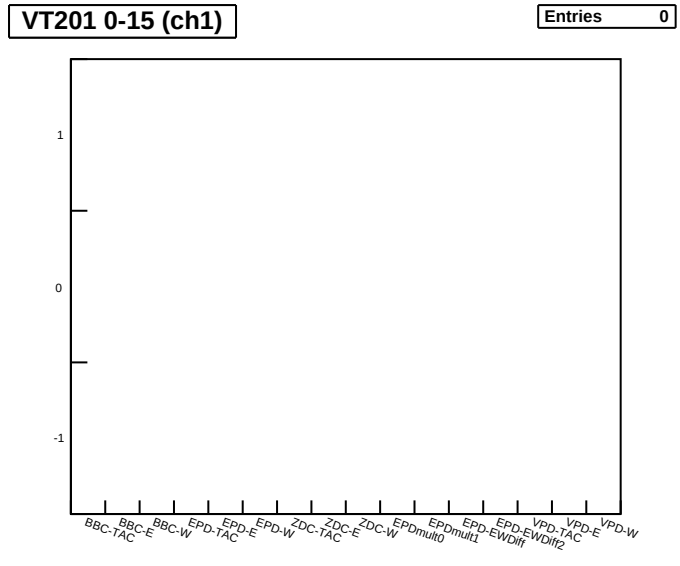

Laser Input Bits
Entries 125190
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

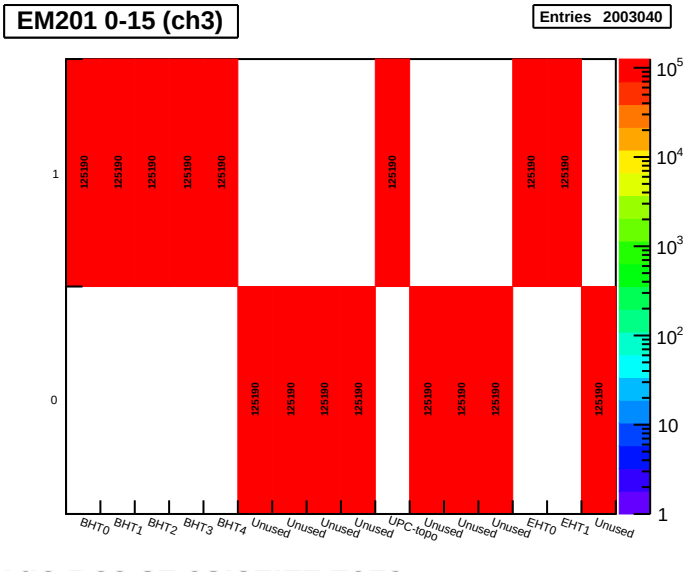

ST201 0-15 (ch6)
Entries 2003040
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
125190
125190
125190
125190
125190
125190
125190
125190
125190
125190
125190
125190
125190
125190
125189
125187
1
3
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1










EM201 0-15 (ch3)
Entries 2003040
1
0
125190
125190
125190
125190
125190
125190