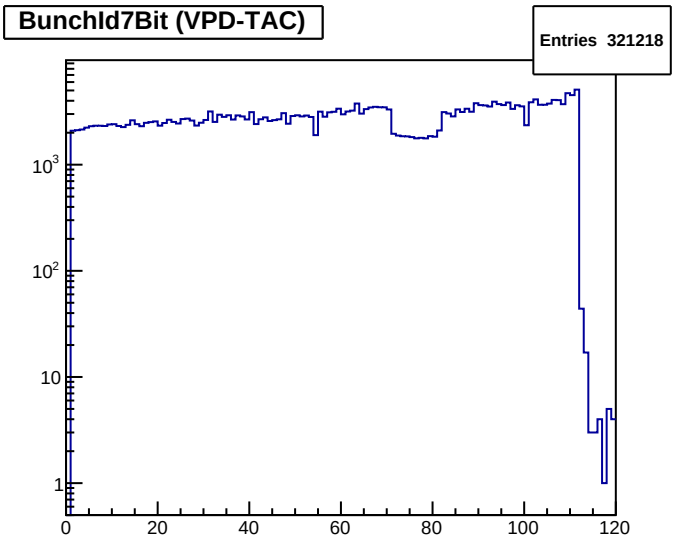
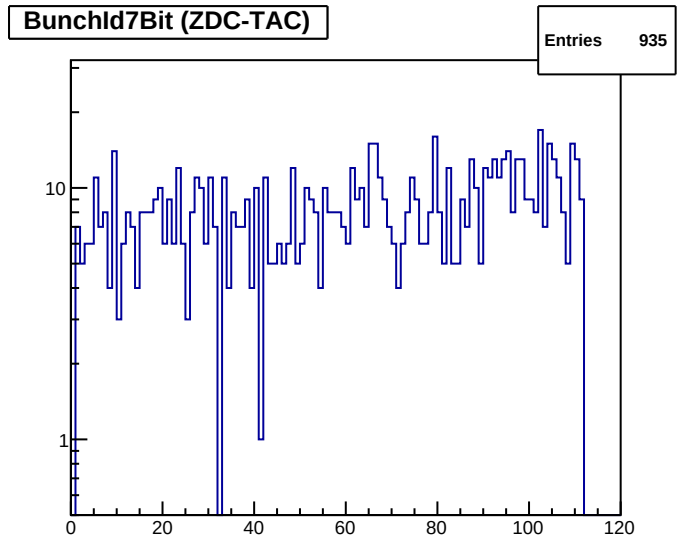
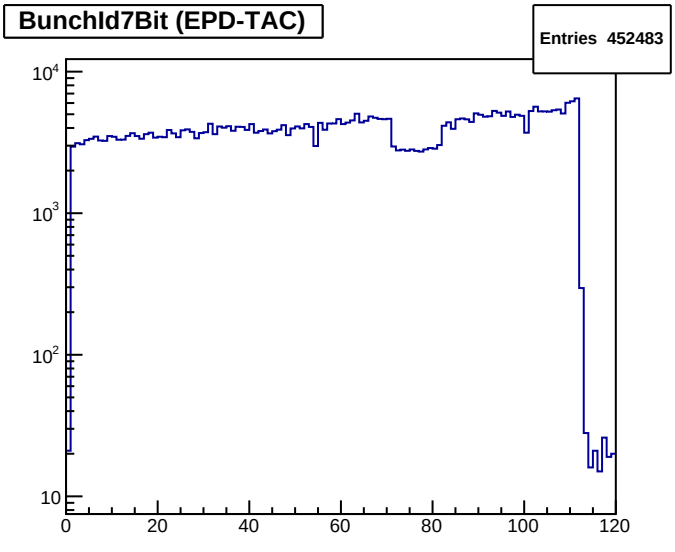
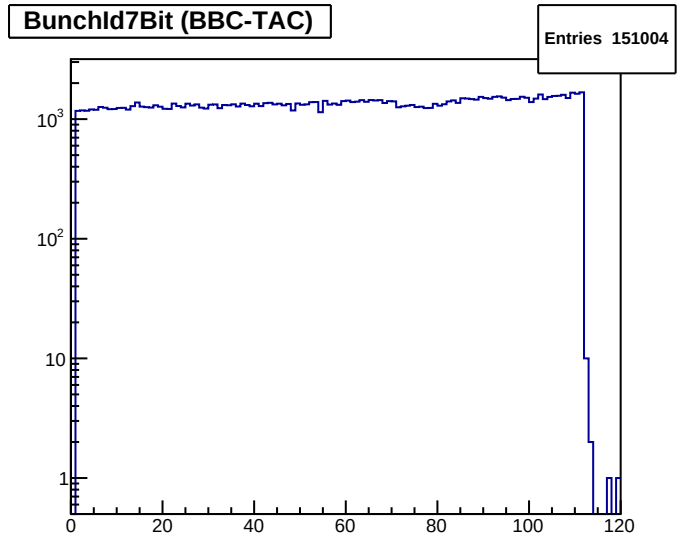
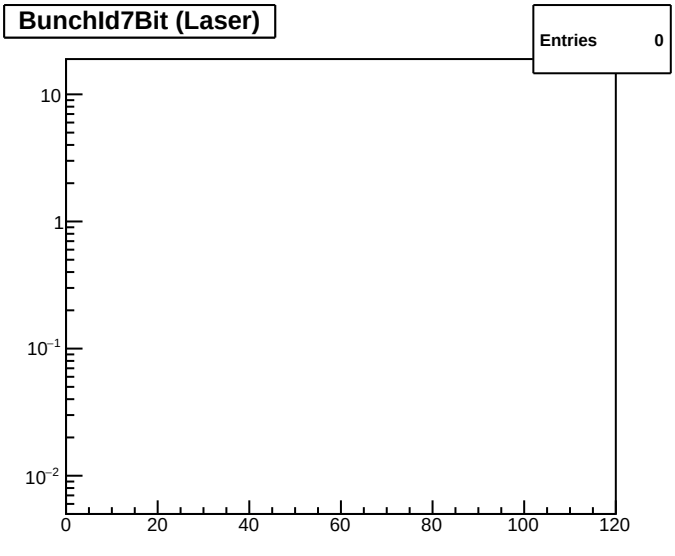
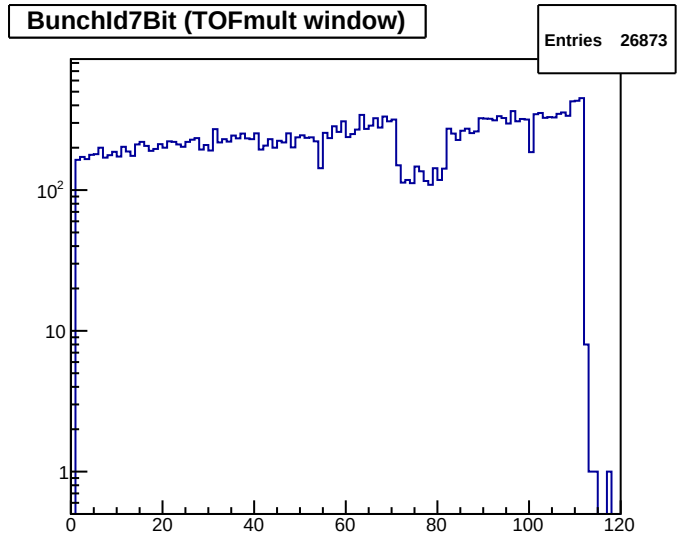

BunchId7Bit (VPD-TAC)
Entries 321218

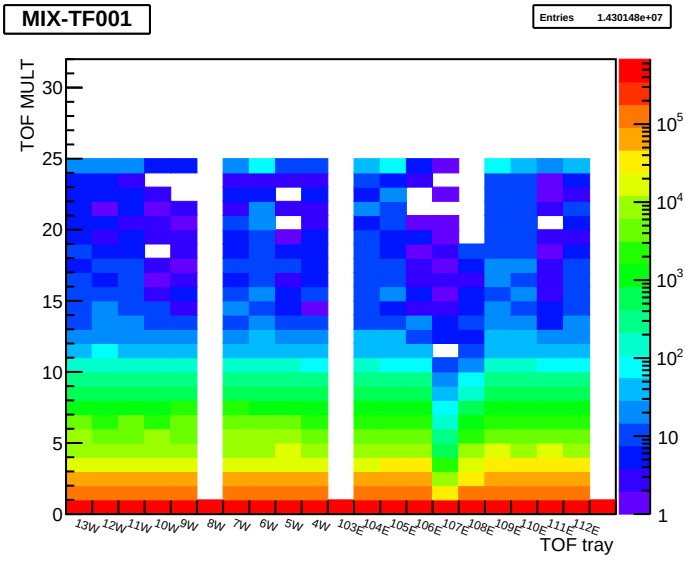

BunchId7Bit (ZDC-TAC)
Entries 935

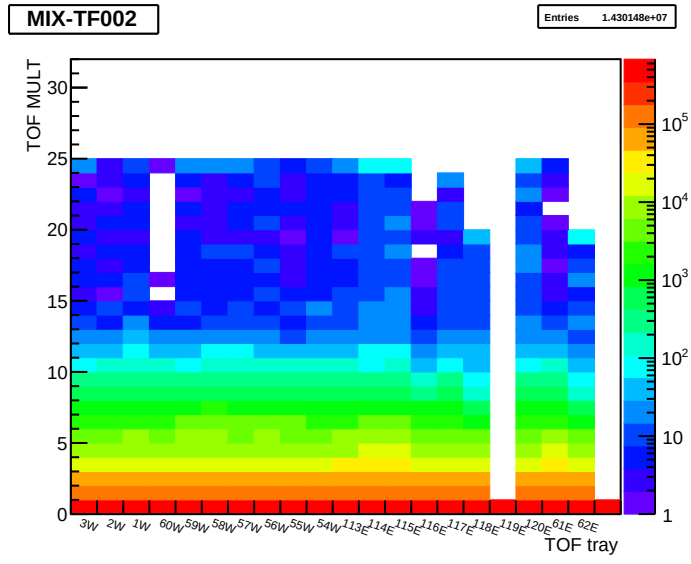

BunchId7Bit (EPD-TAC)
Entries 452483

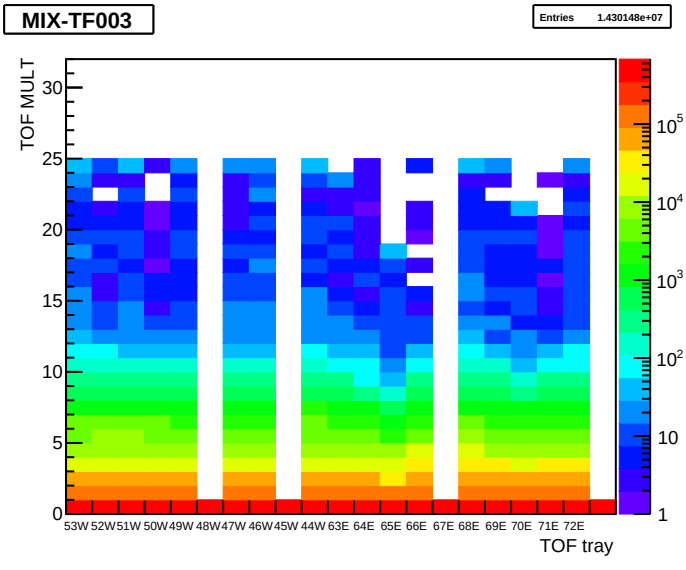

BunchId7Bit (BBC-TAC)
Entries 151004

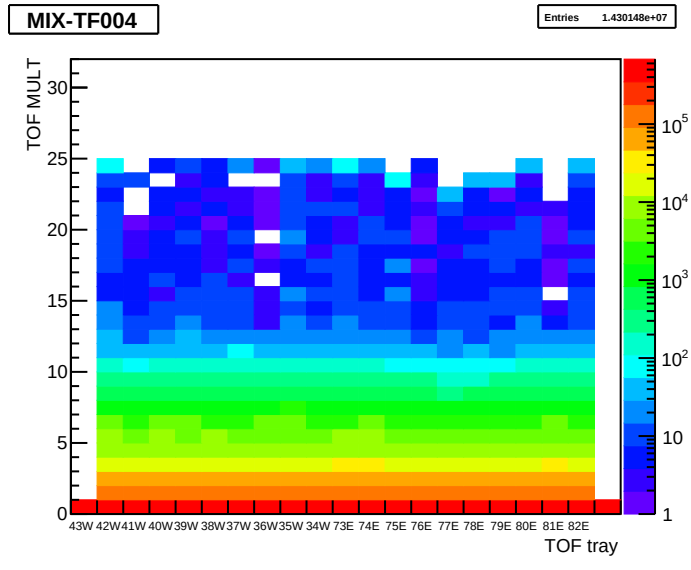

BunchId7Bit (Laser)
Entries 0

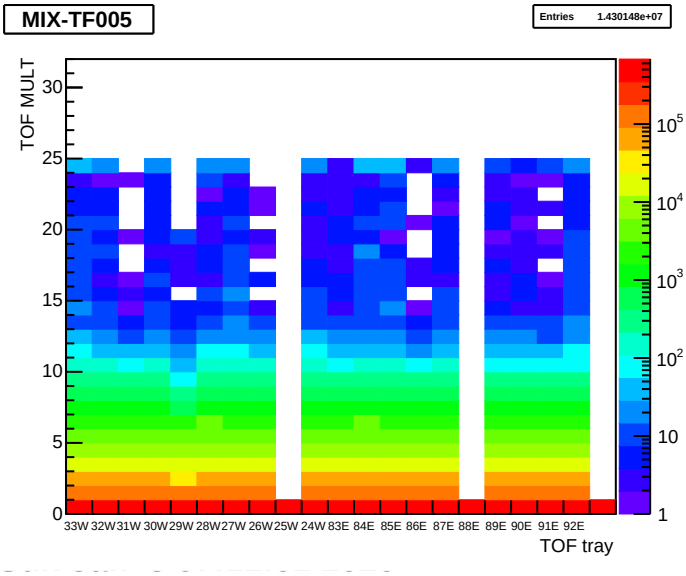

BunchId7Bit (TOFmult window)
Entries 26873

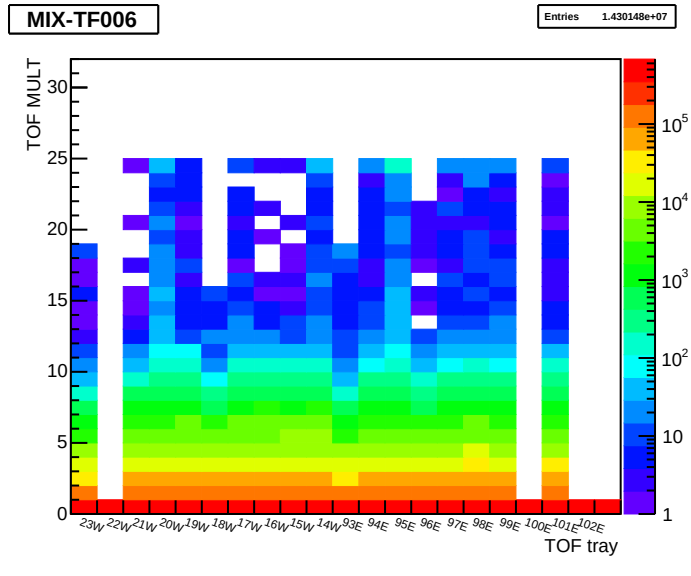

MIX-TF001
Entries 1.430148e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

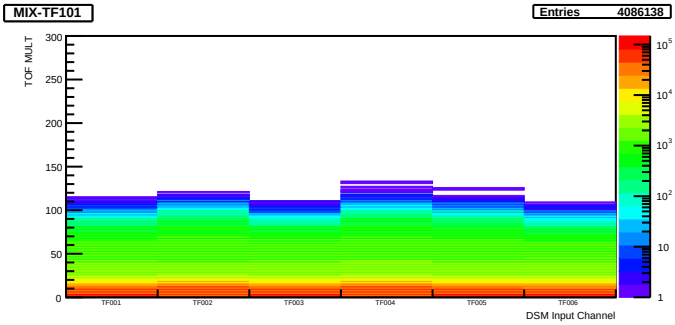

MIX-TF002
Entries 1.430148e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

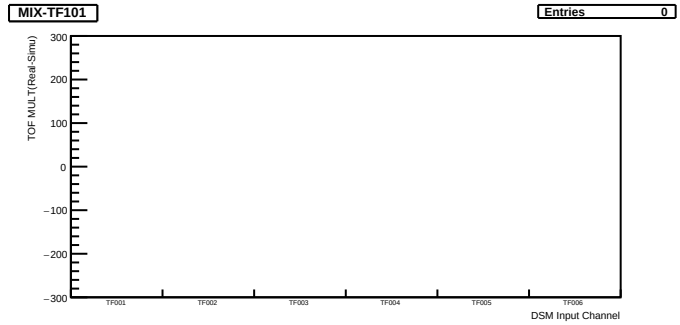

MIX-TF003
Entries 1.430148e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

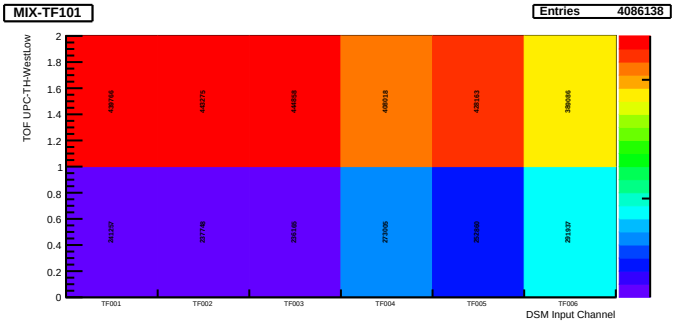

MIX-TF004
Entries 1.430148e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

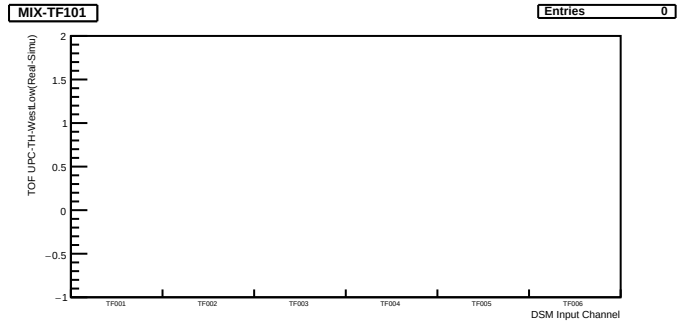

MIX-TF005
Entries 1.430148e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

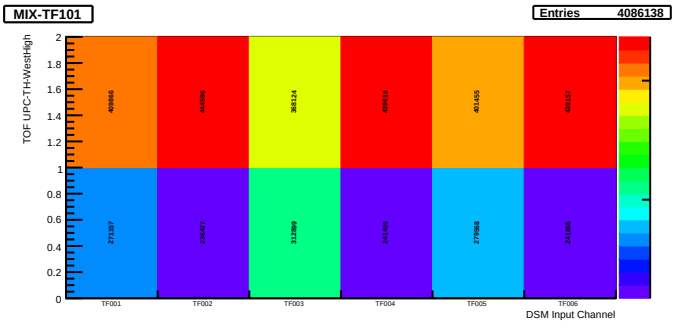

MIX-TF006
Entries 1.430148e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

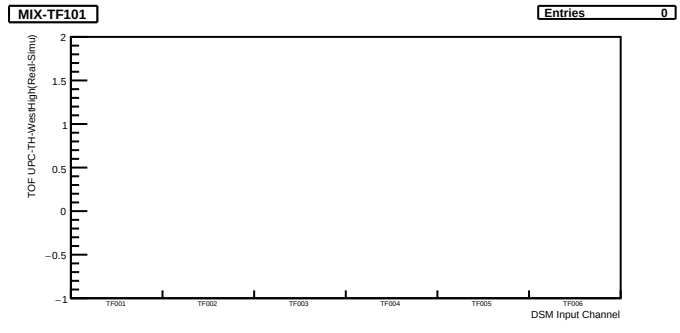

MIX-TF101
Entries 4086138
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

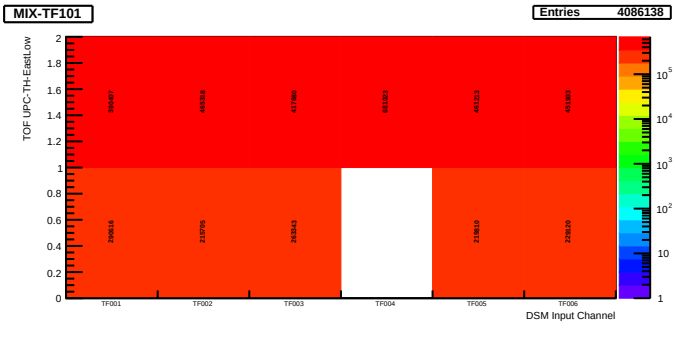

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

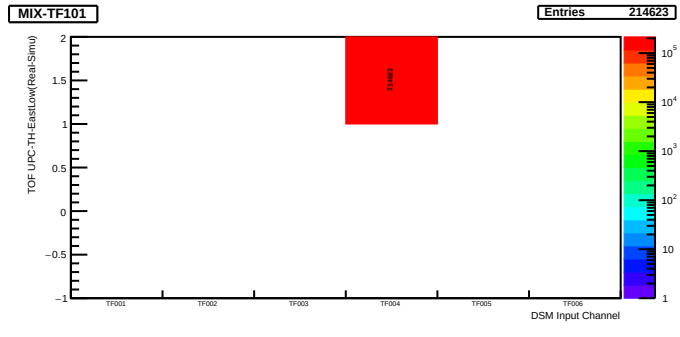

MIX-TF101
Entries 4086138
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

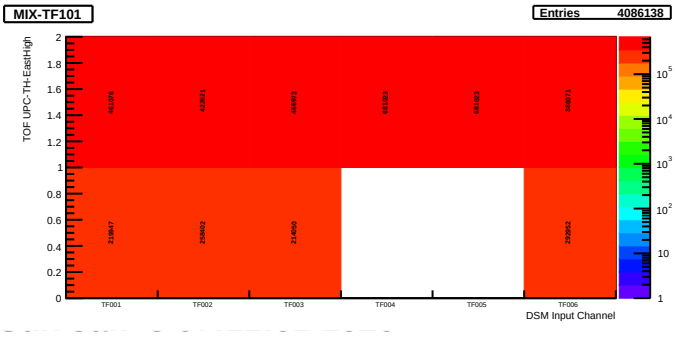

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

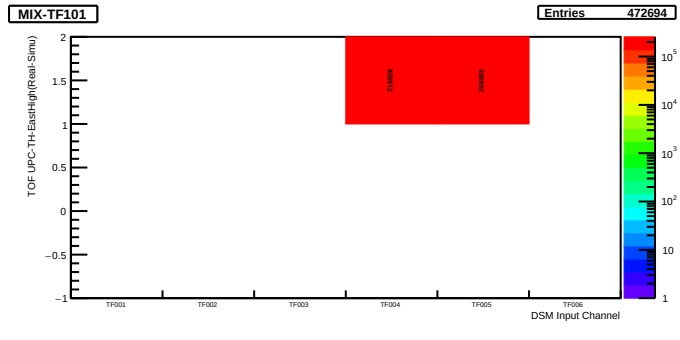

MIX-TF101
Entries 4086138
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

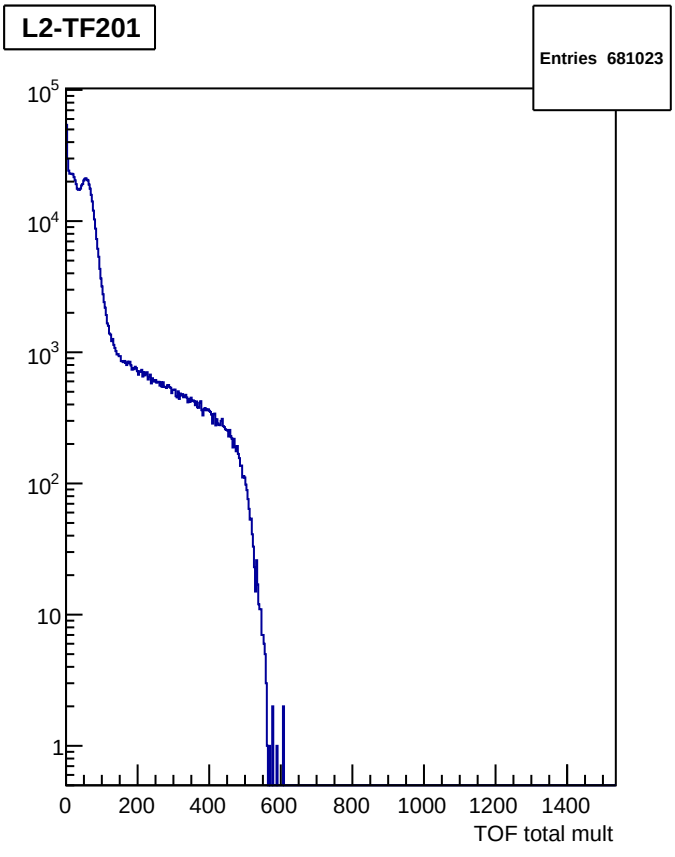

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

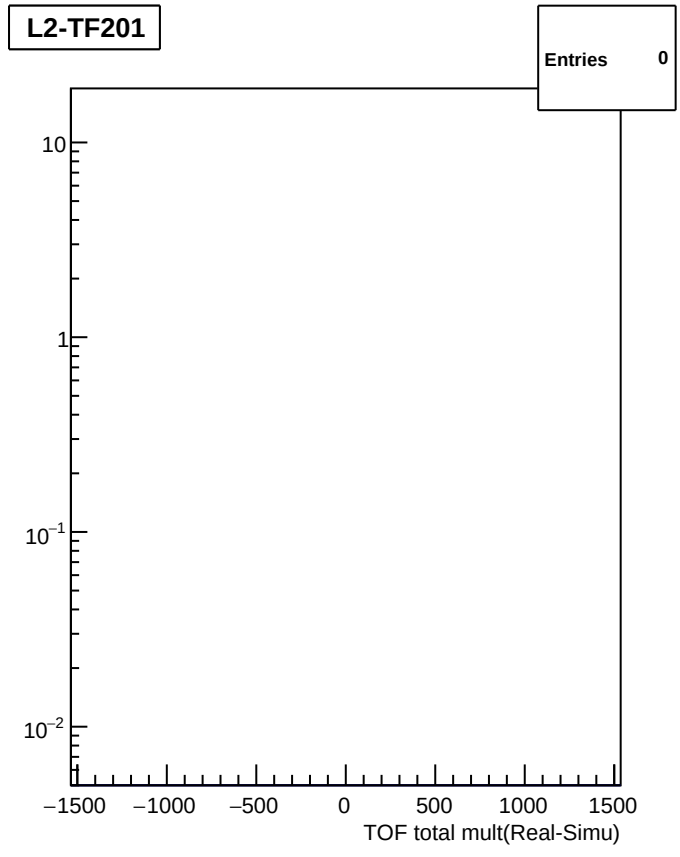

MIX-TF101
Entries 4086138
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

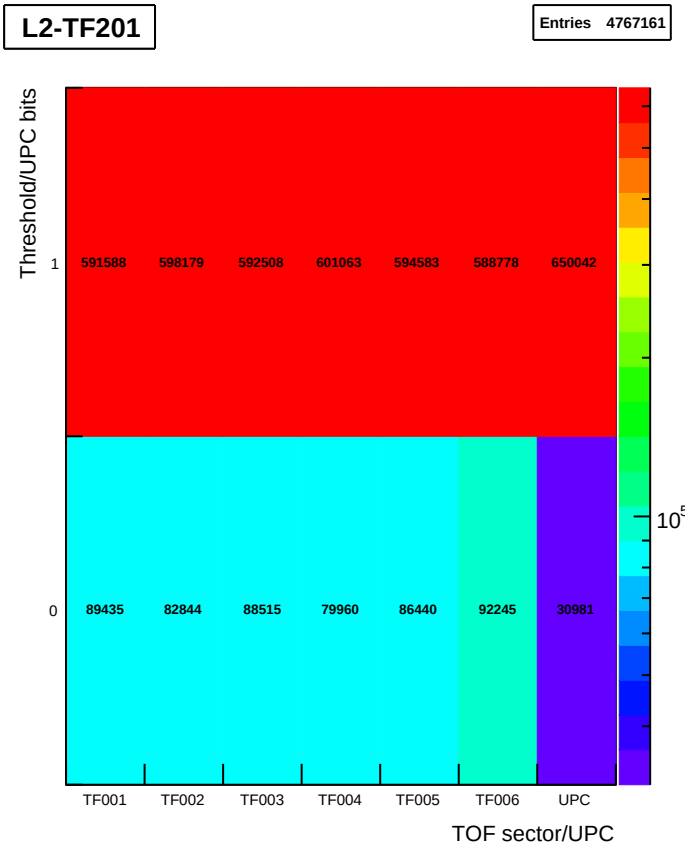

MIX-TF101
Entries 214623
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

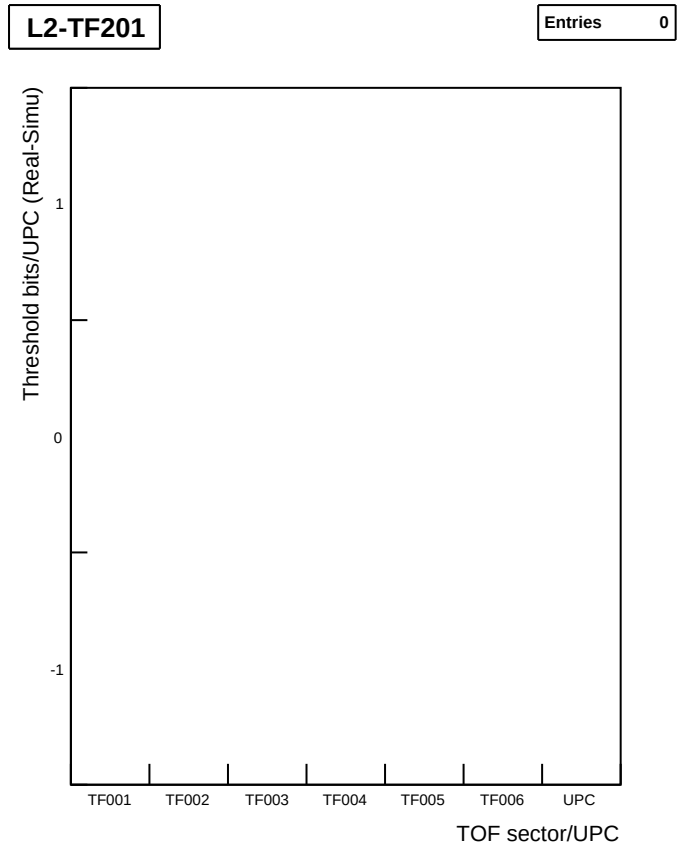

MIX-TF101
Entries 4086138
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

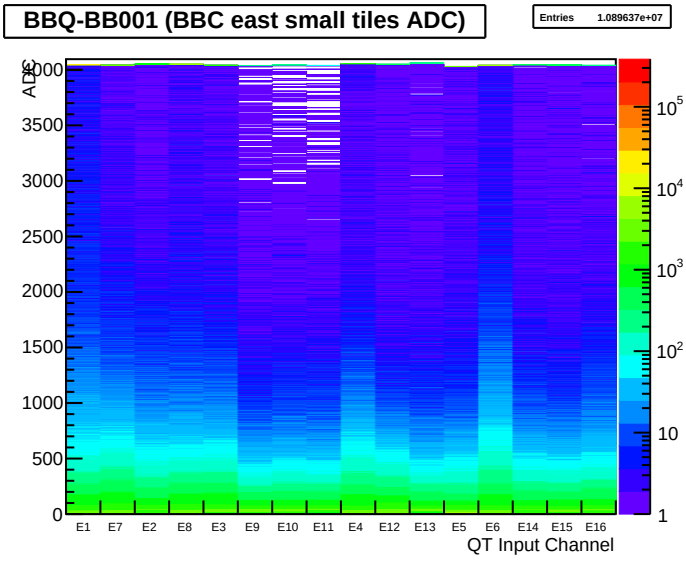

MIX-TF101
Entries 472694
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

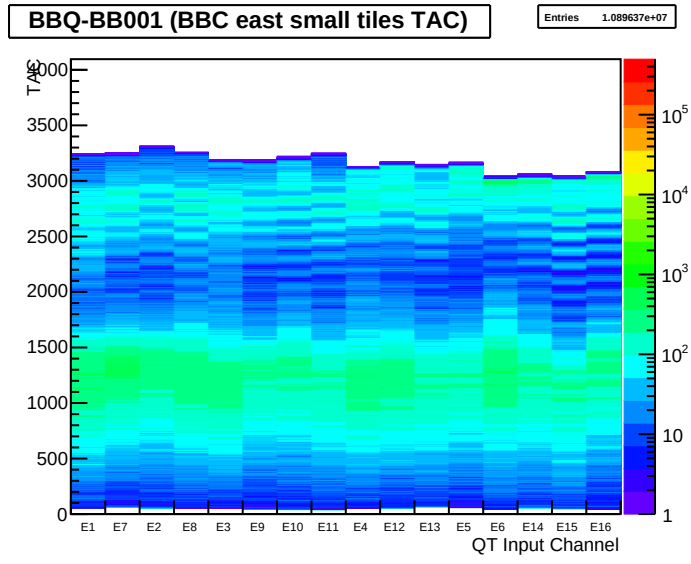

L2-TF201
Entries 681023
TOF total mult

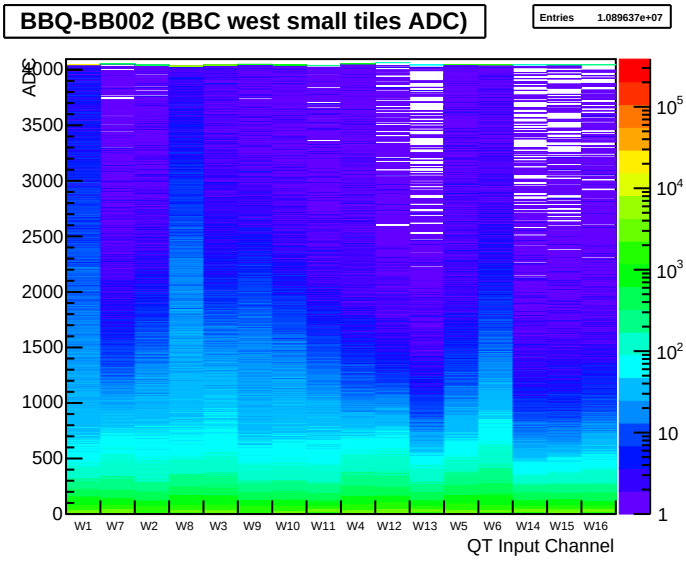

L2-TF201
Entries 0
TOF total mult(Real-Simu)

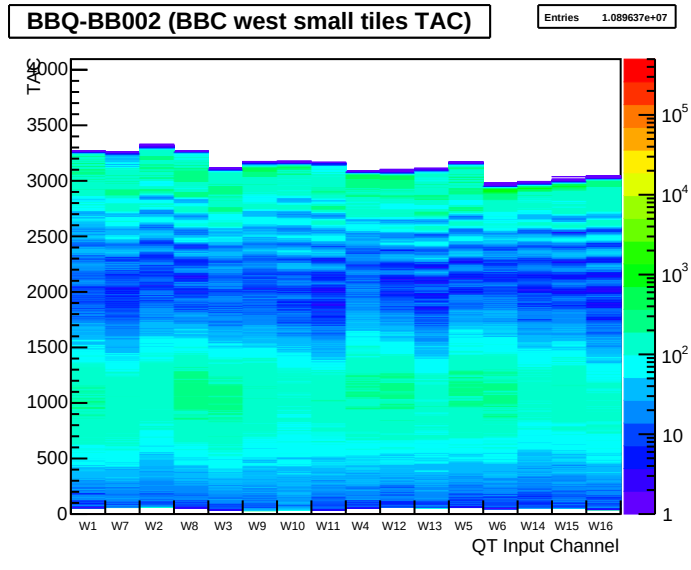

L2-TF201
Entries 4767161
Threshold/UPC bits
591588 598179 592508 601063 594583 588778 650042
89435 82844 88515 79960 86440 92245 30981
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

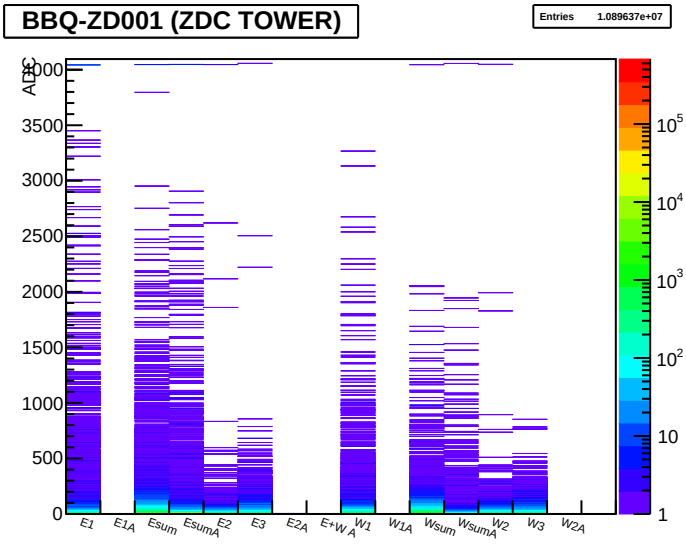

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

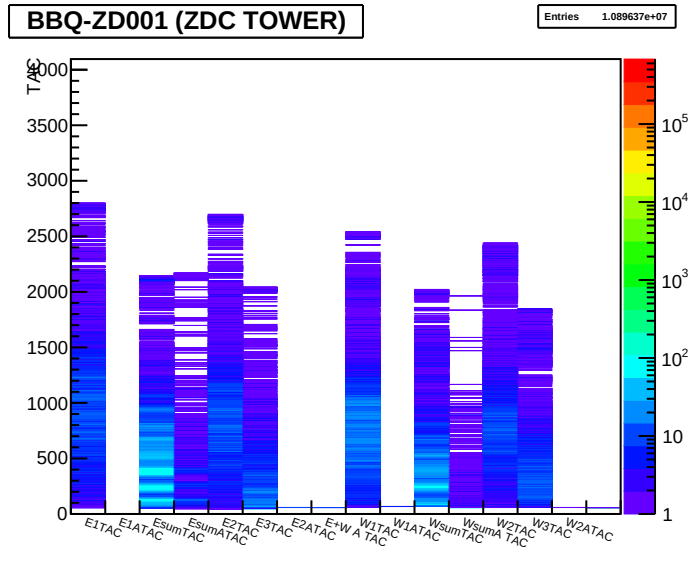

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.089637e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

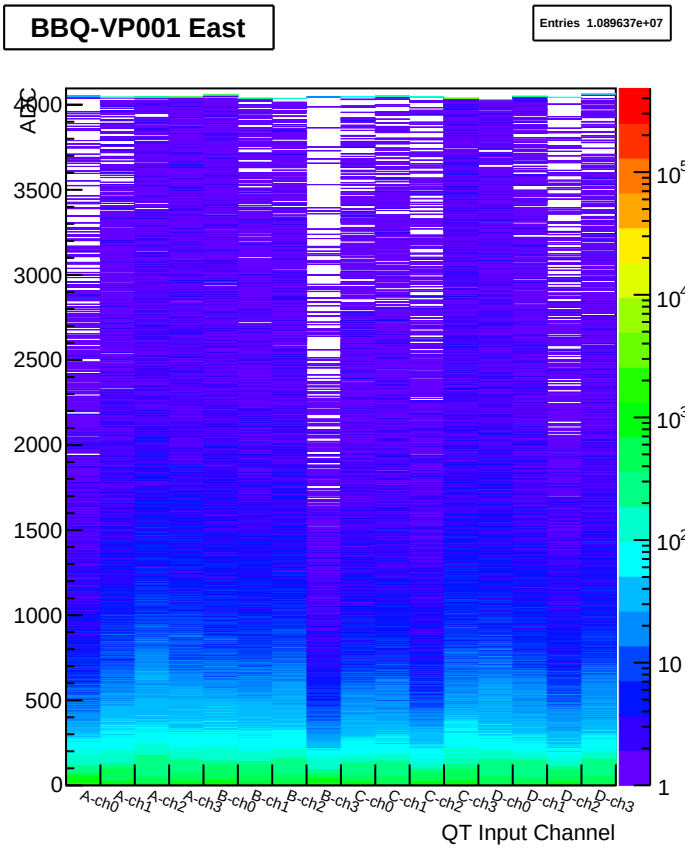

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.089637e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

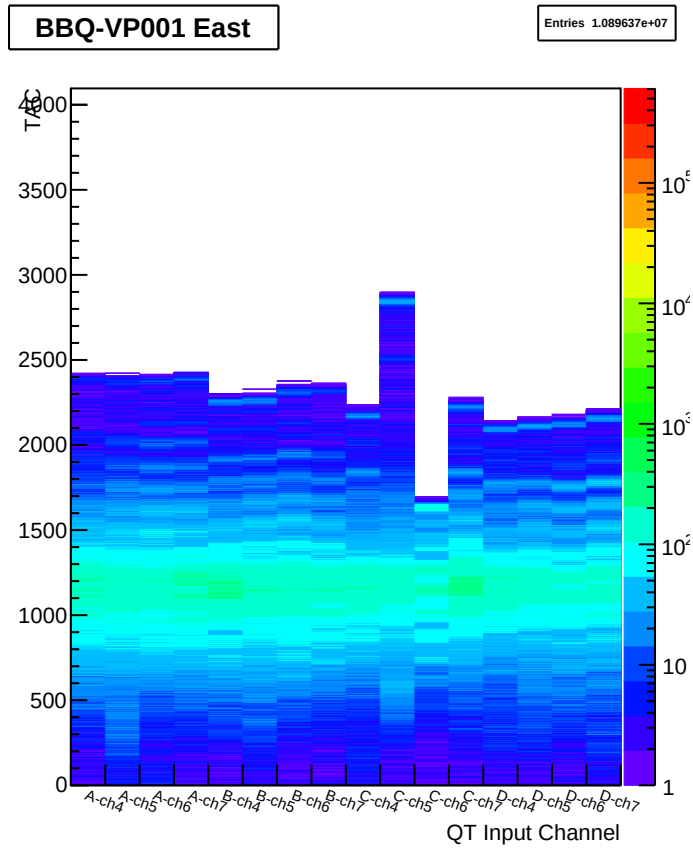

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.089637e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

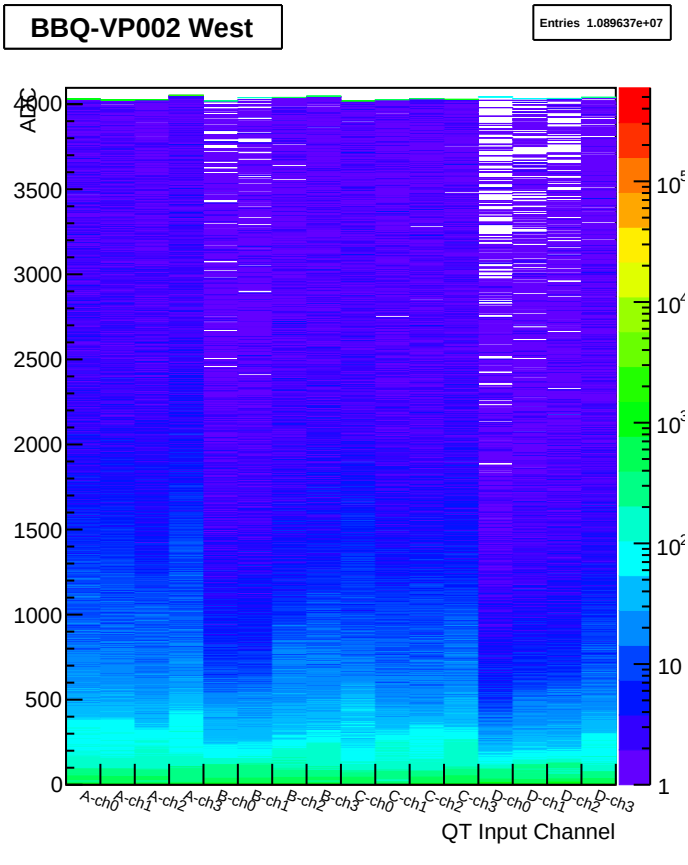

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.089637e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

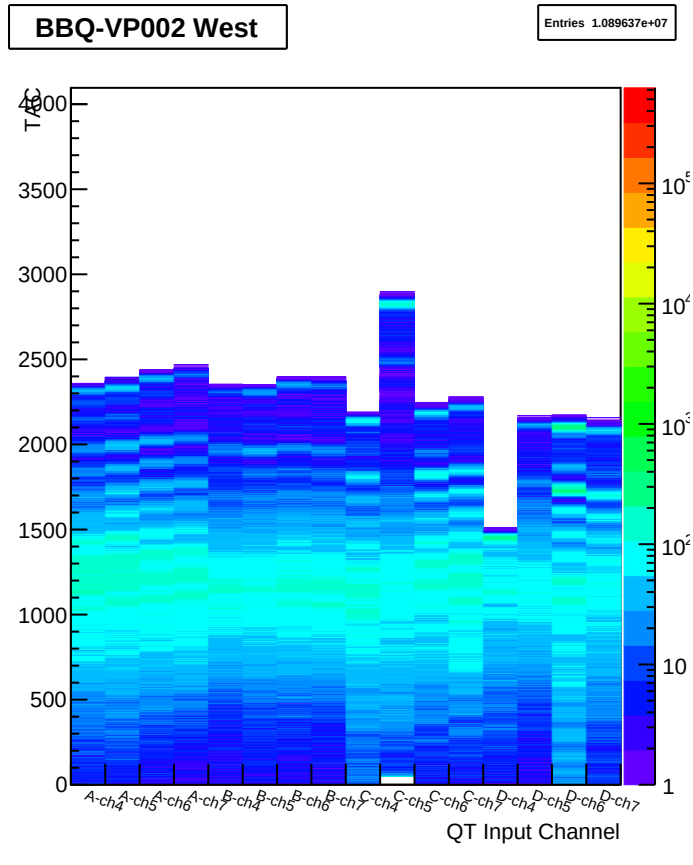

BBQ-ZD001 (ZDC TOWER)
Entries 1.089637e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

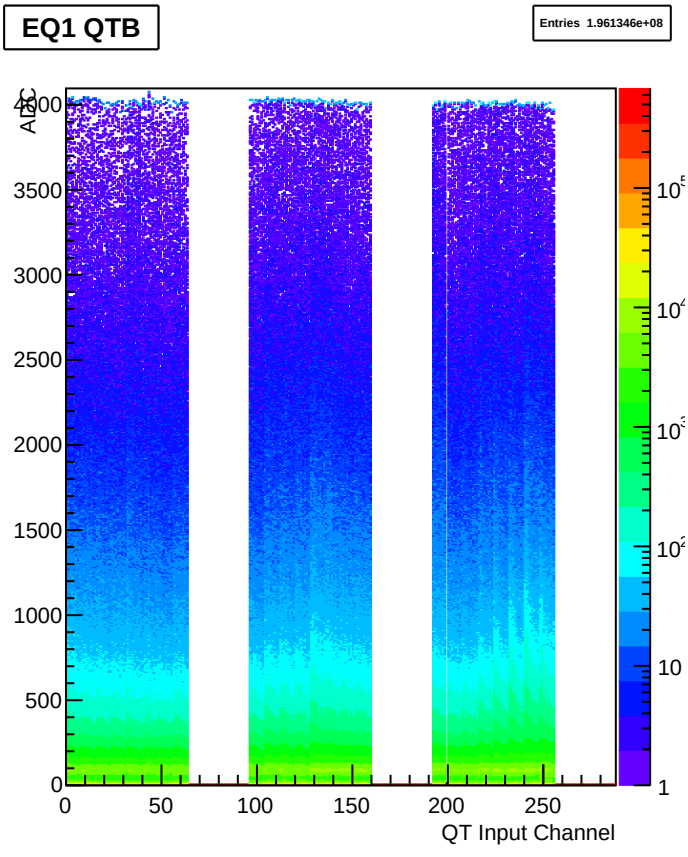

BBQ-ZD001 (ZDC TOWER)
Entries 1.089637e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

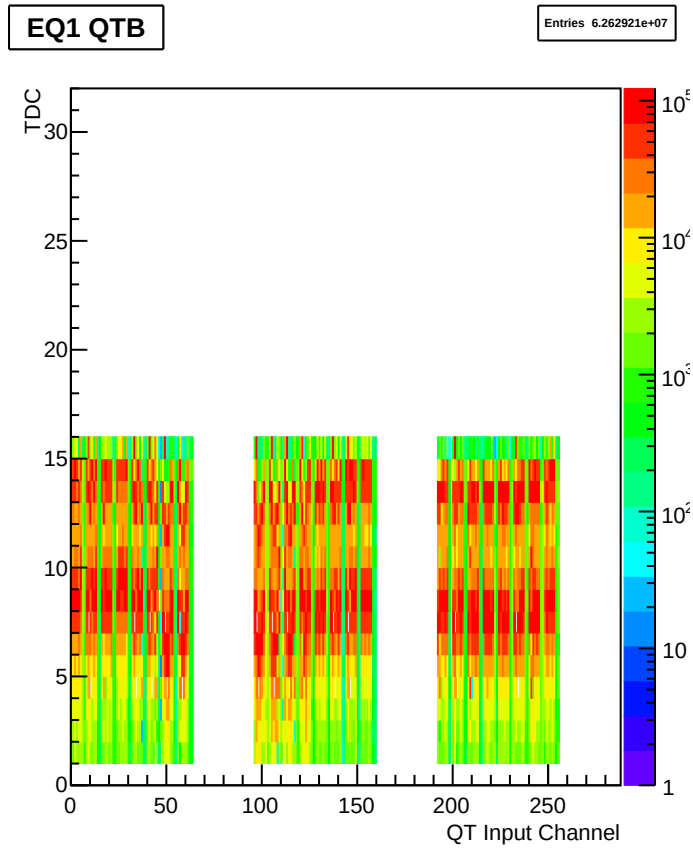

BBQ-VP001 East
Entries 1.089637e+07
ADC
QT Input Channel

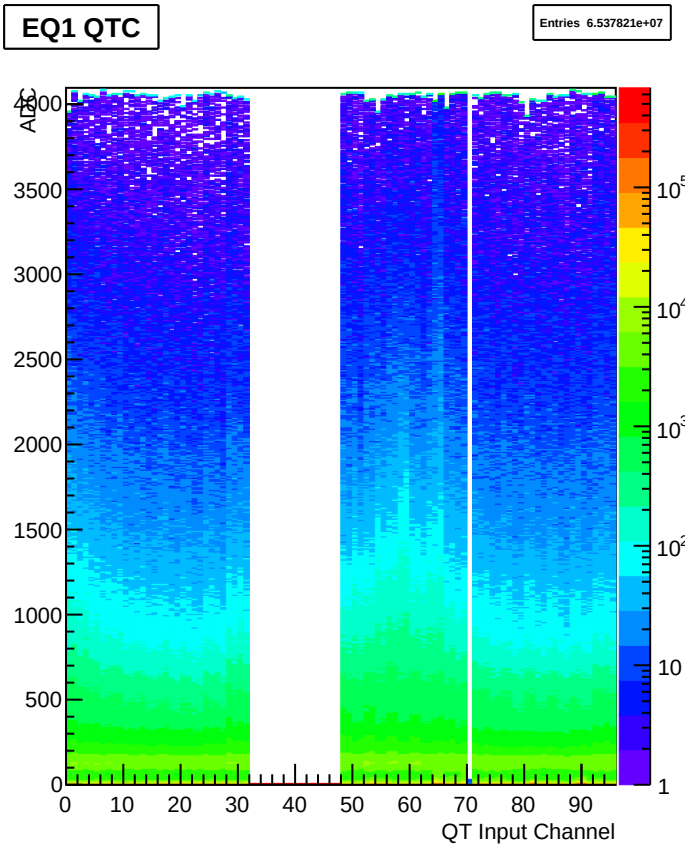

BBQ-VP001 East
Entries 1.089637e+07
TADC
QT Input Channel

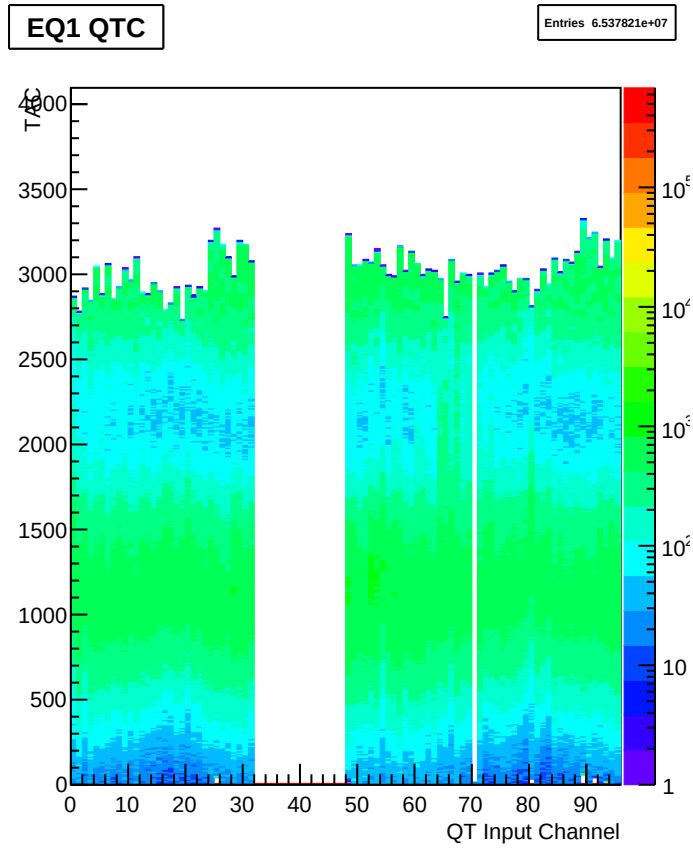

BBQ-VP002 West
Entries 1.089637e+07
ADC
QT Input Channel

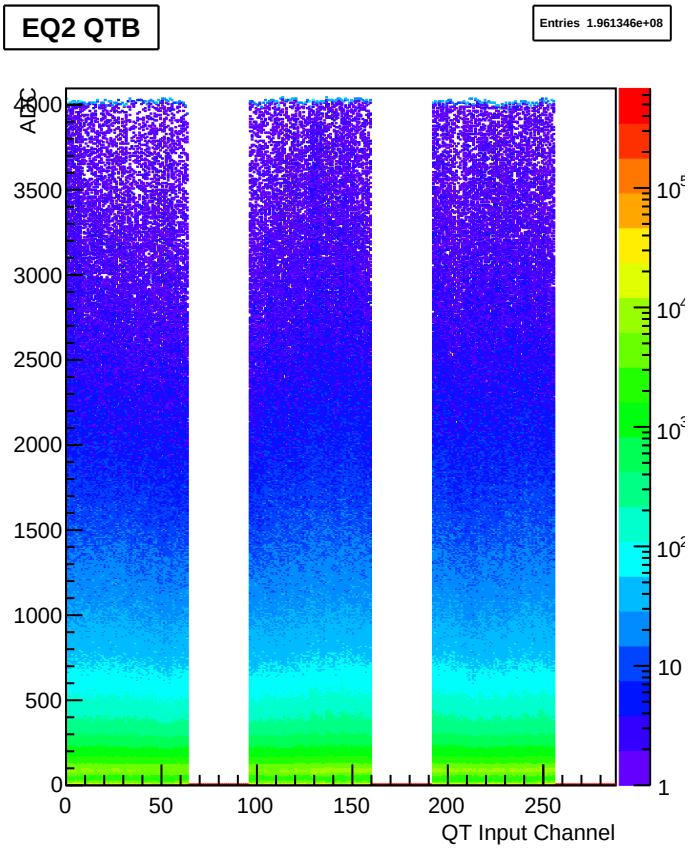

BBQ-VP002 West
Entries 1.089637e+07
TADC
QT Input Channel

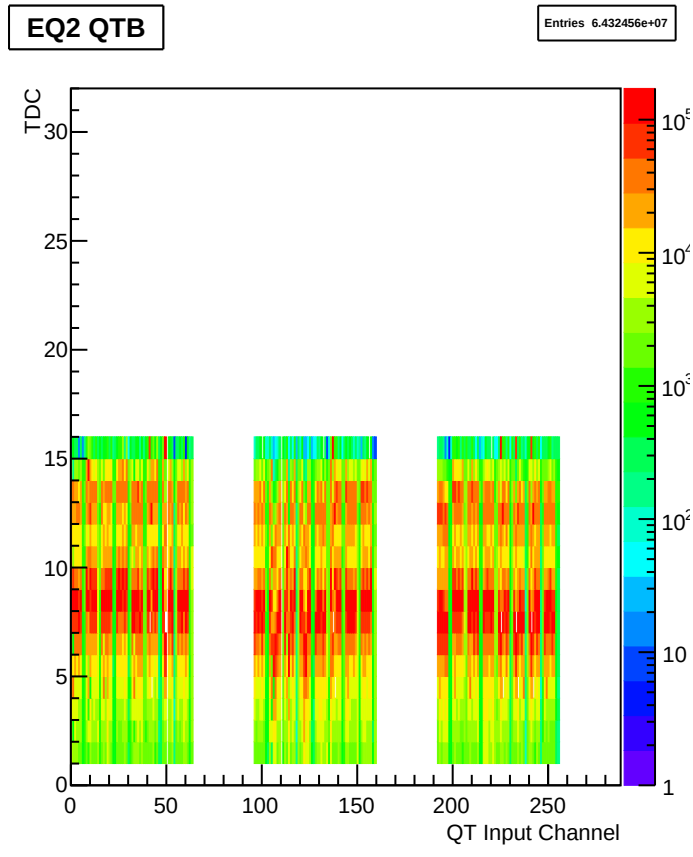

EQ1 QTB
Entries 1.961346e+08
ADC
QT Input Channel

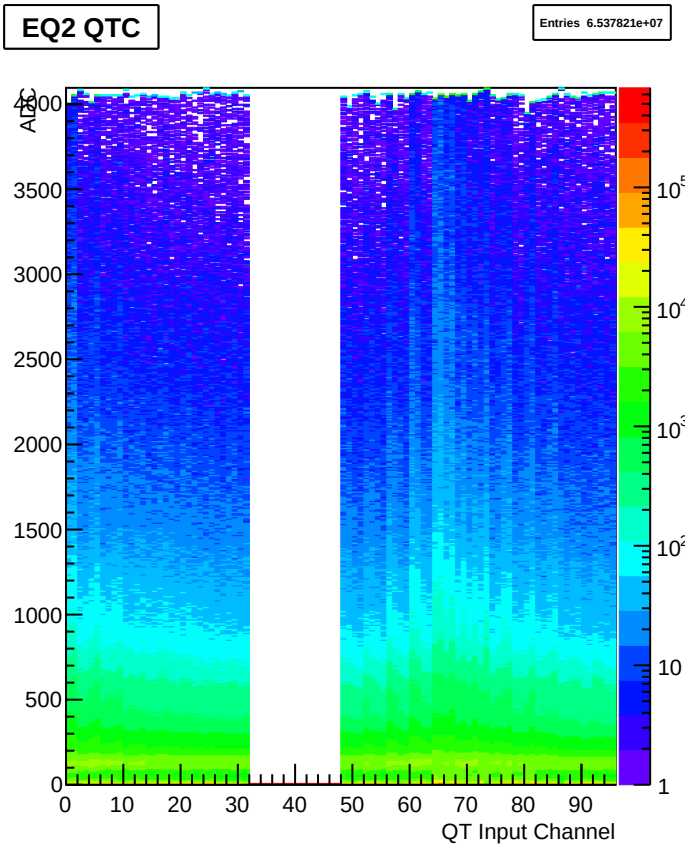

EQ1 QTB
Entries 6.262921e+07
TDC
QT Input Channel

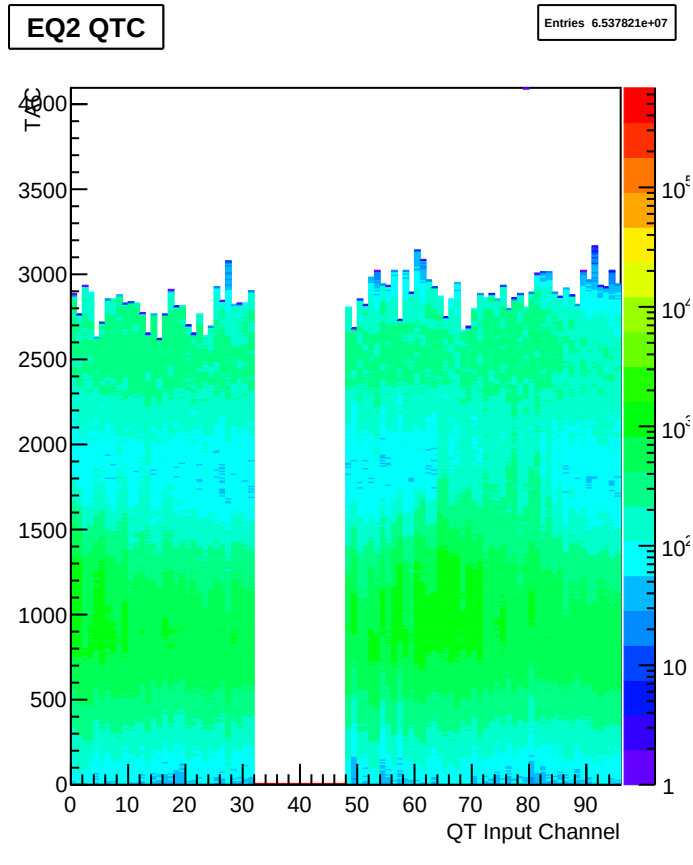

EQ1 QTC
Entries 6.537821e+07
ADC
QT Input Channel

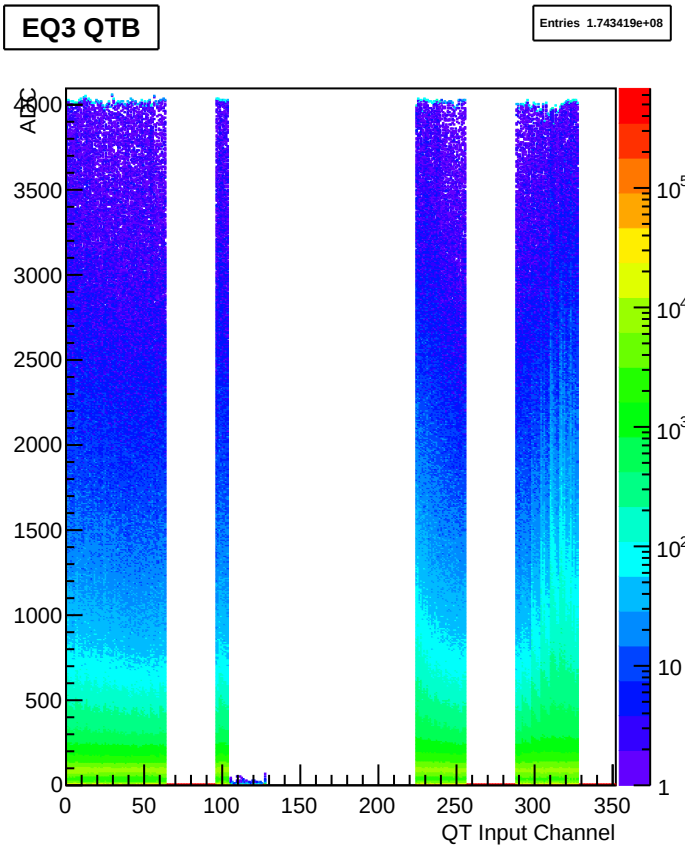

EQ1 QTC
Entries 6.537821e+07
TADC
QT Input Channel

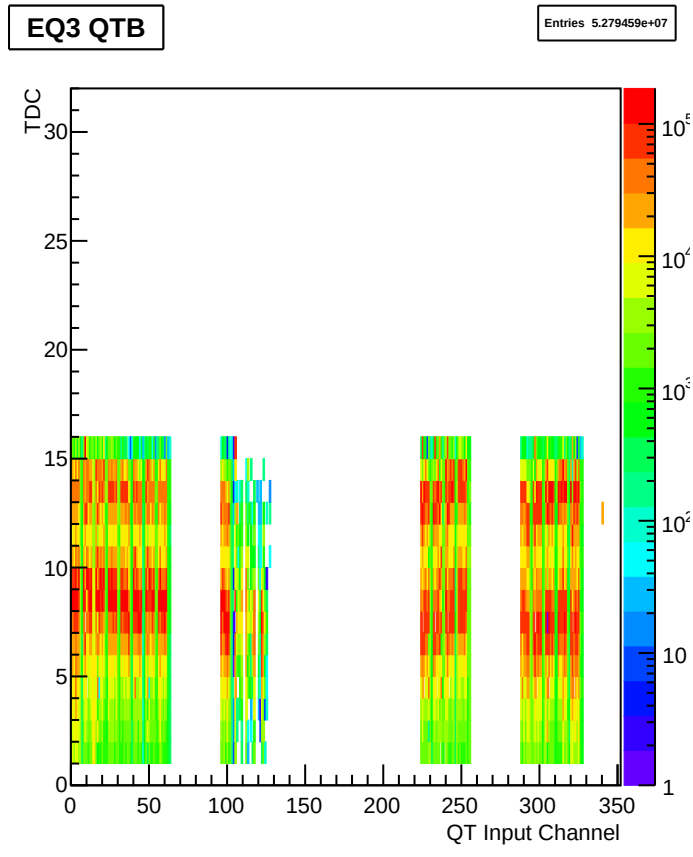

EQ2 QTB
Entries 1.961346e+08
ADC
QT Input Channel

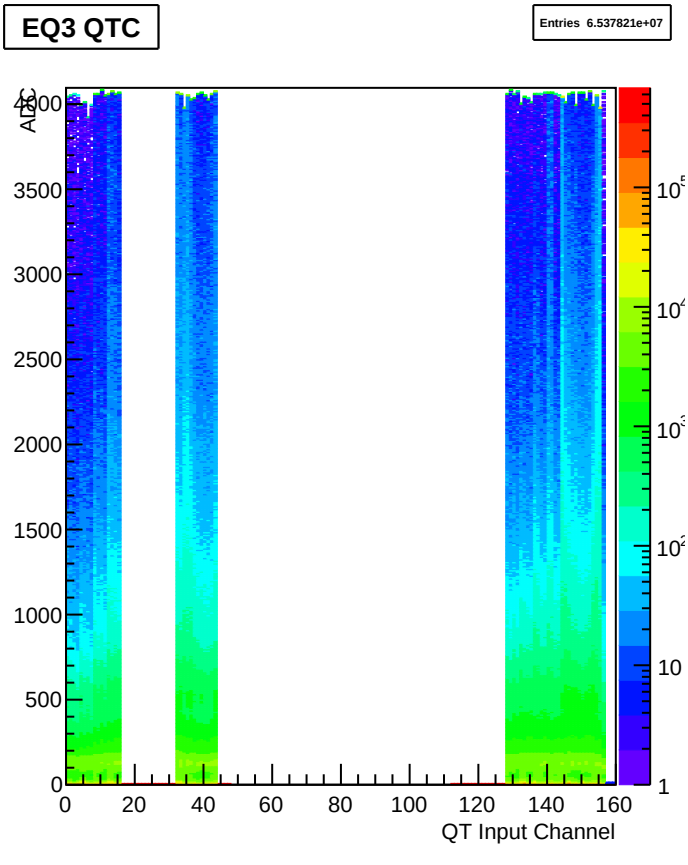

EQ2 QTB
Entries 6.432456e+07
TDC
QT Input Channel

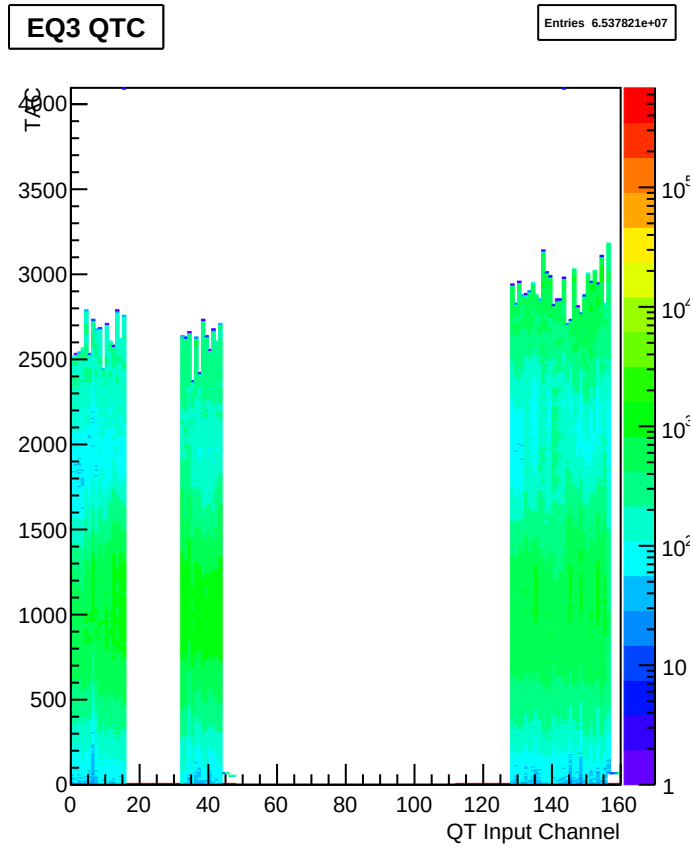

EQ2 QTC
Entries 6.537821e+07
ADC
QT Input Channel

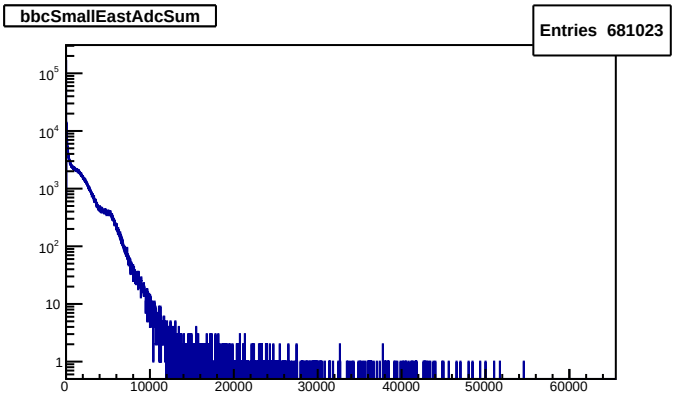

EQ2 QTC
Entries 6.537821e+07
TADC
QT Input Channel

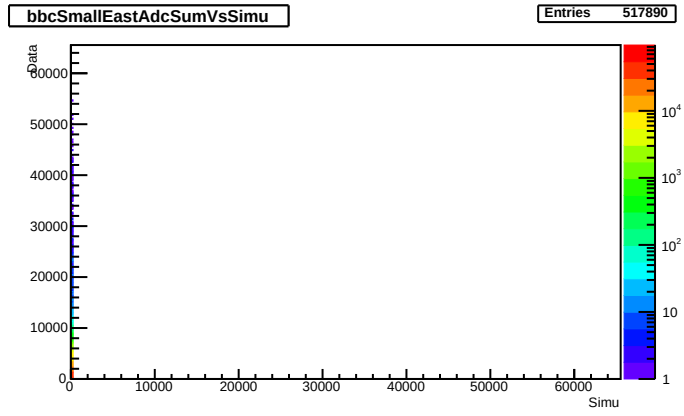

EQ3 QTB
Entries 1.743419e+08
ADC
QT Input Channel

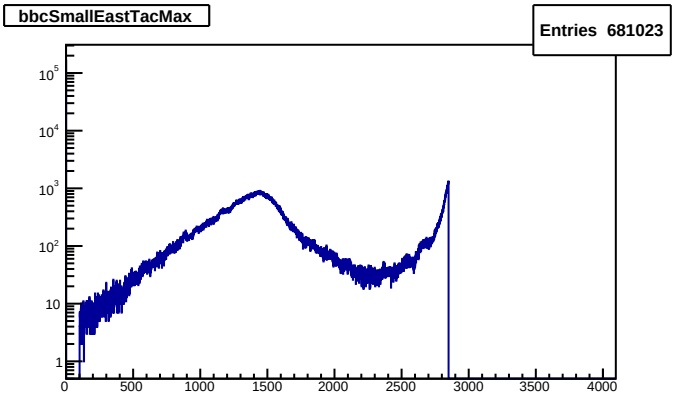

EQ3 QTB
Entries 5.279459e+07
TDC
QT Input Channel

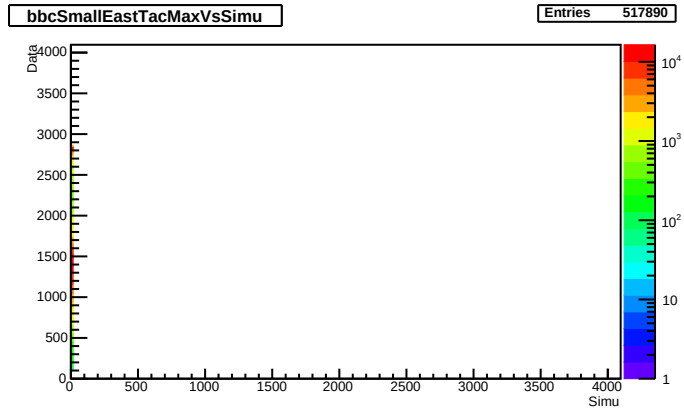

EQ3 QTC
Entries 6.537821e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.537821e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 681023


bbcSmallEastAdcSumVsSimu
Entries 517890
Data
Simu


bbcSmallEastTacMax
Entries 681023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Entries 517890
Data
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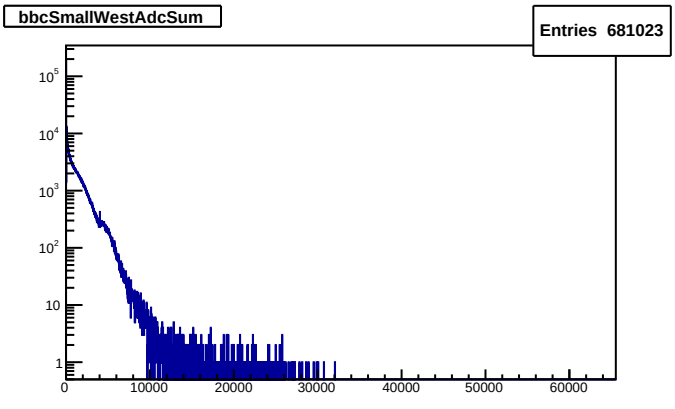
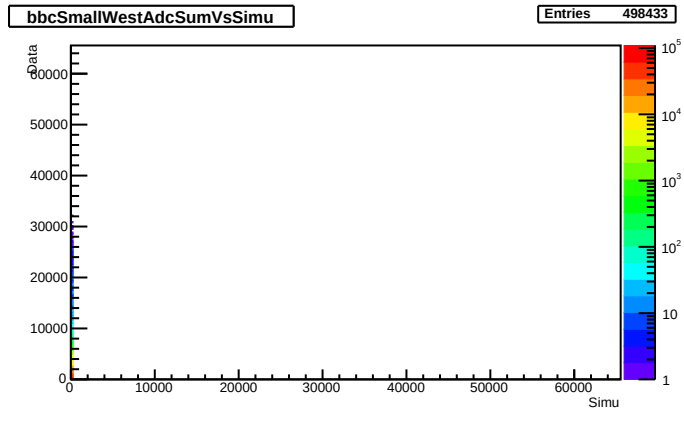

bbcSmallWestAdcSum
Entries 681023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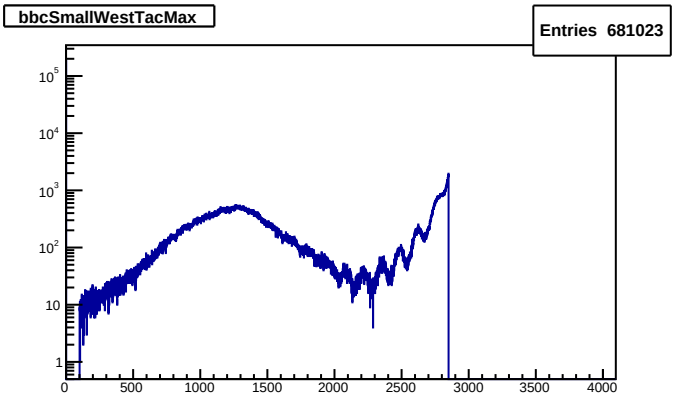
Entries 498433
Data
Simu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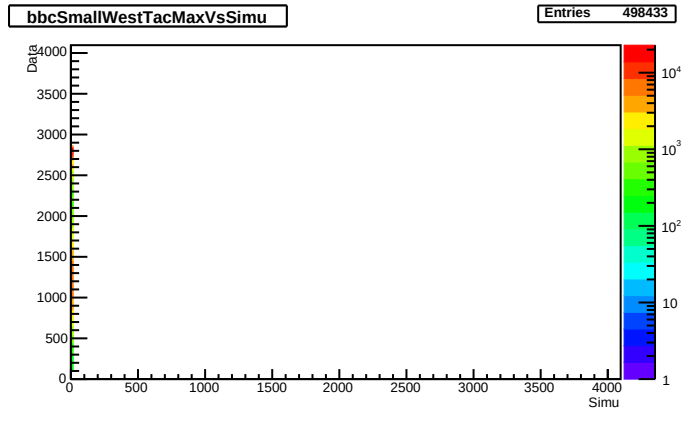
Entries 681023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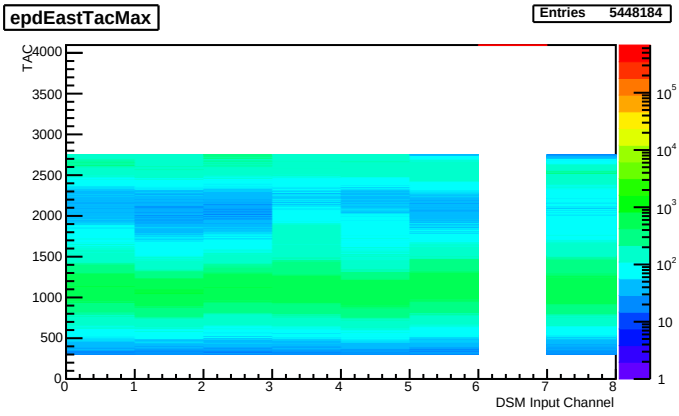
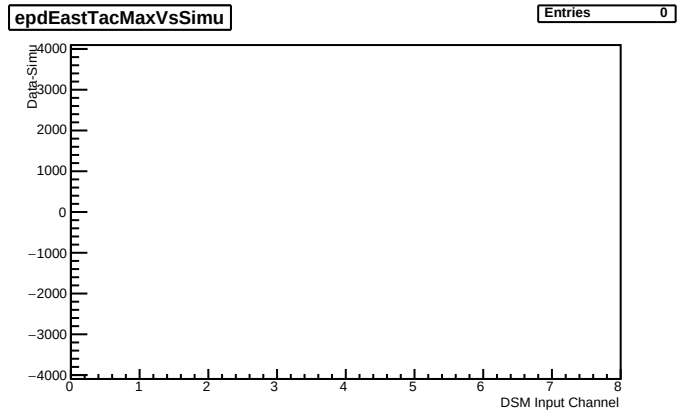
Entries 498433
Data
Simu


epdEastTacMax
Entries 5448184
TAC
DSM Input Channel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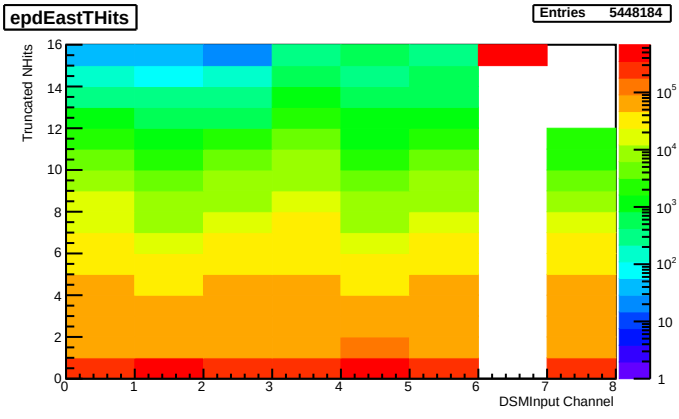
Entries 0
Data-Simu
DSM Input Channel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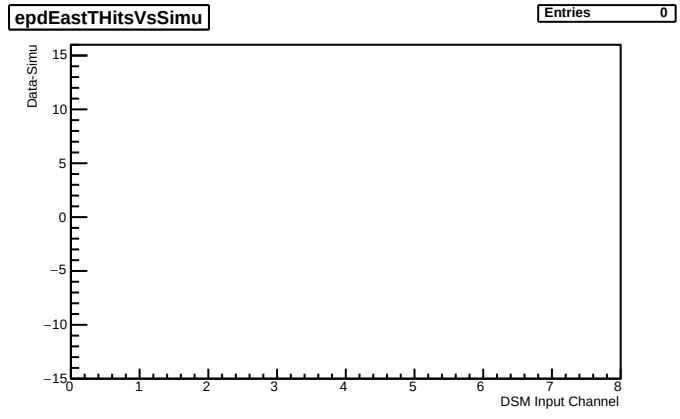
Entries 5448184
Truncated NHits
DSMInput Channel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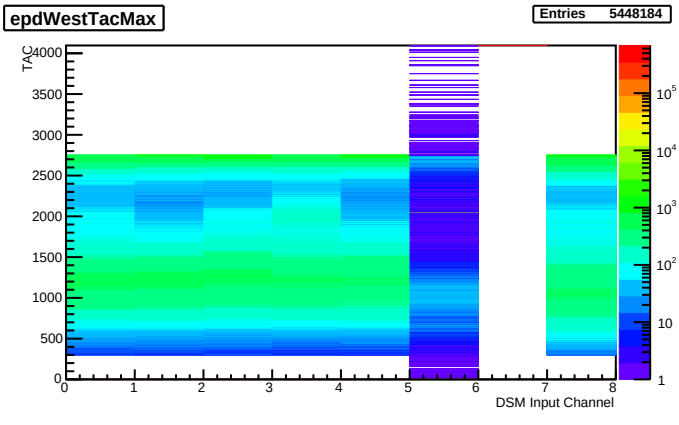
Data-Simu
DSM Input Channel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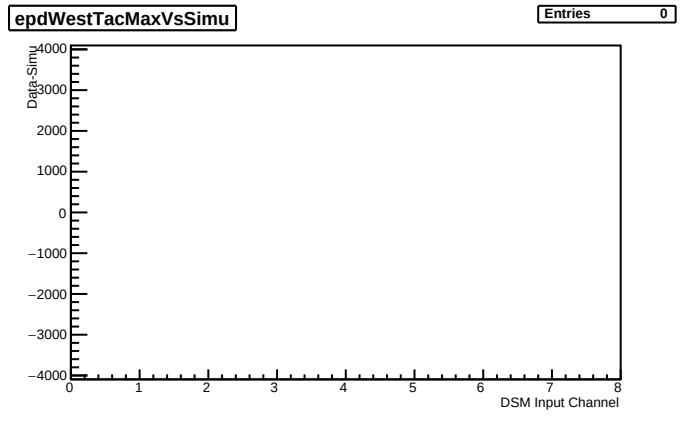
TAC
DSM Input Channel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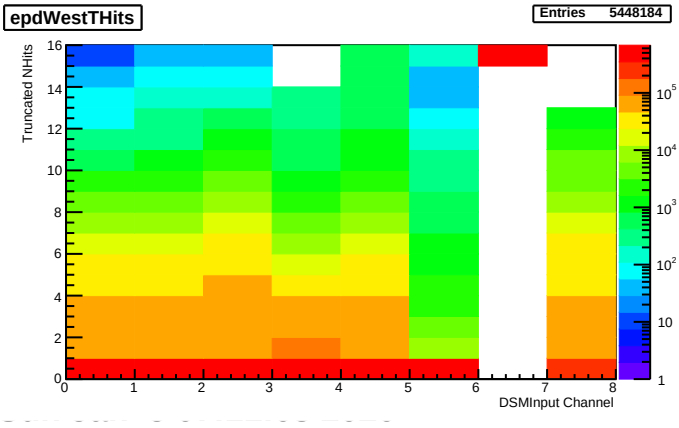
Data-Simu
DSM Input Channel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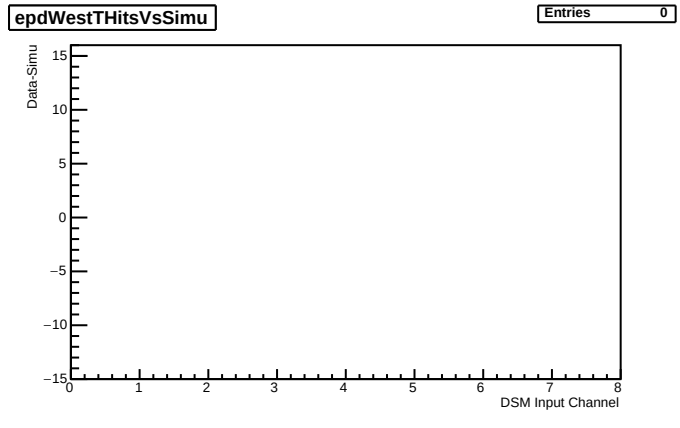
Entries 5448184
Truncated NHits
DSMInput Channel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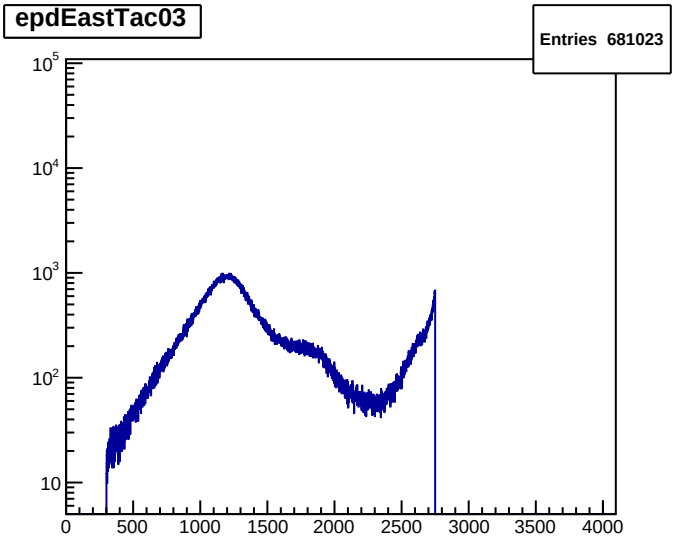
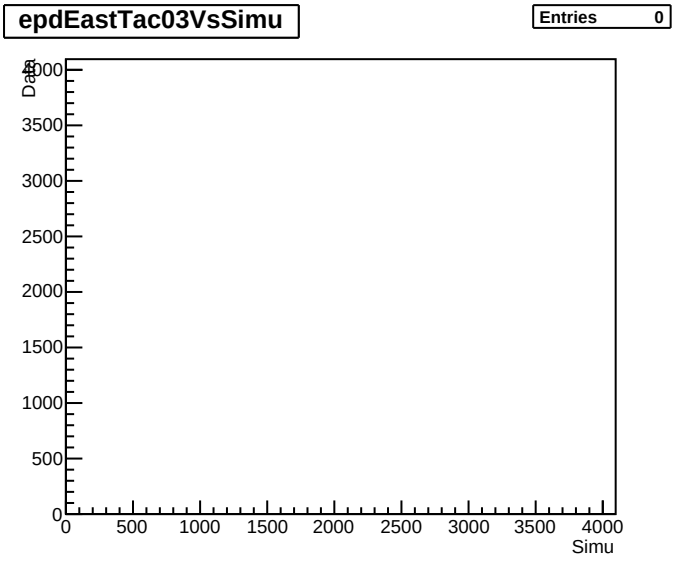
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 681023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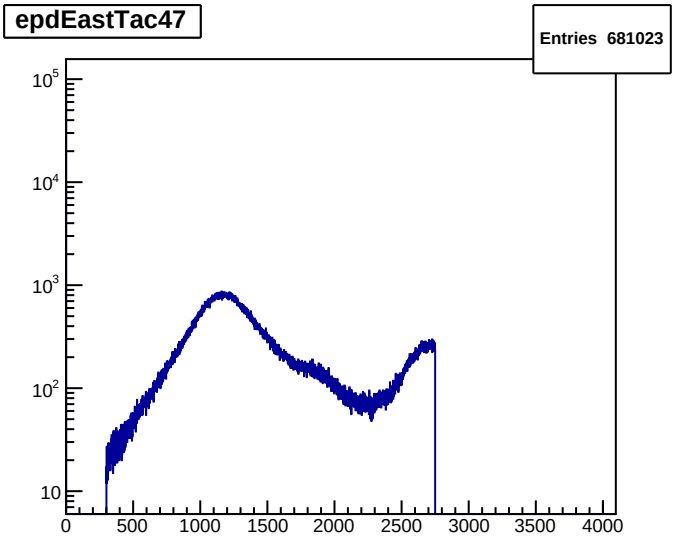
Entries 0
Data
Simu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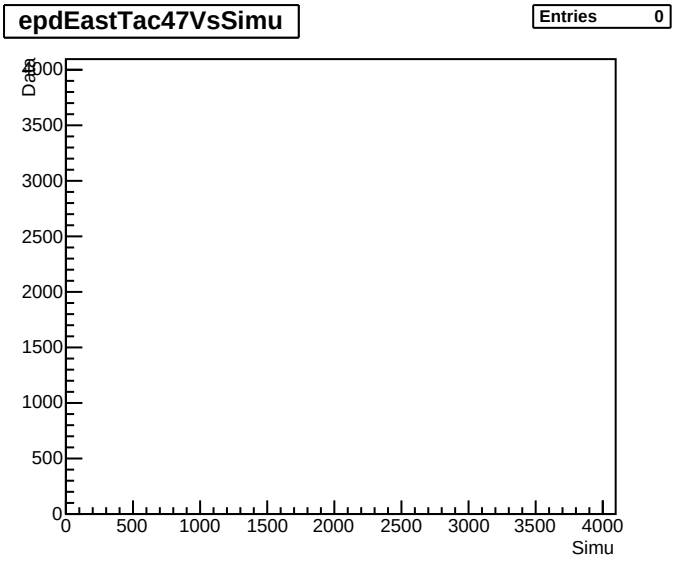
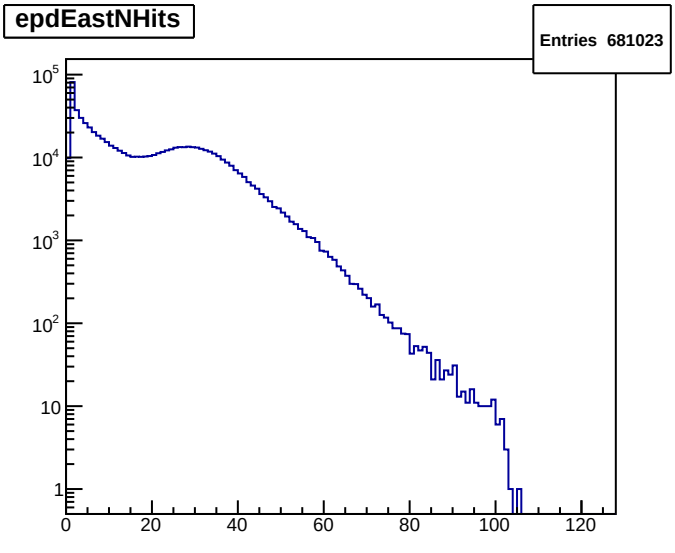
Entries 681023


epdEastTac47VsSimu
Entries 0
Data
Simu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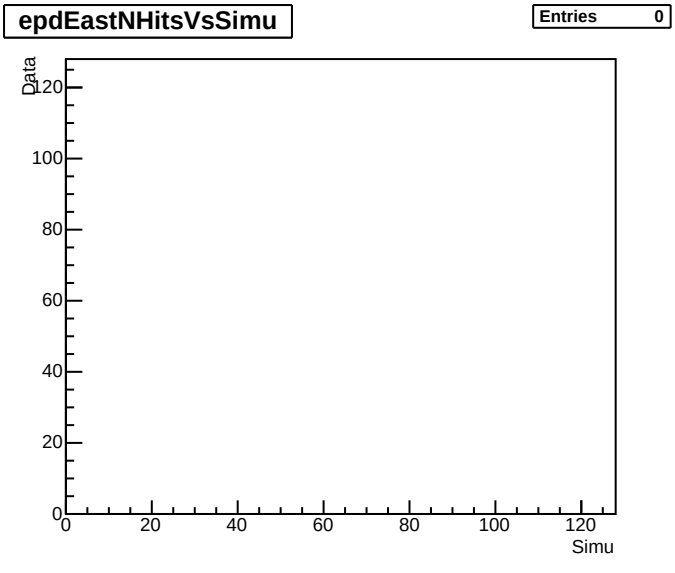
Entries 681023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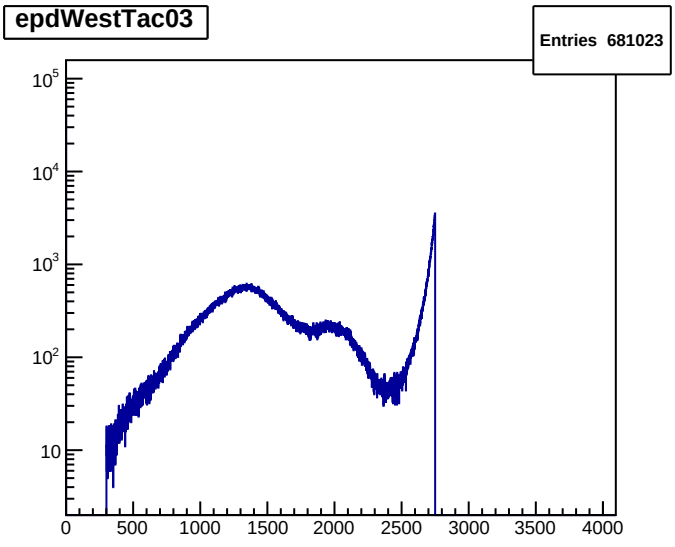
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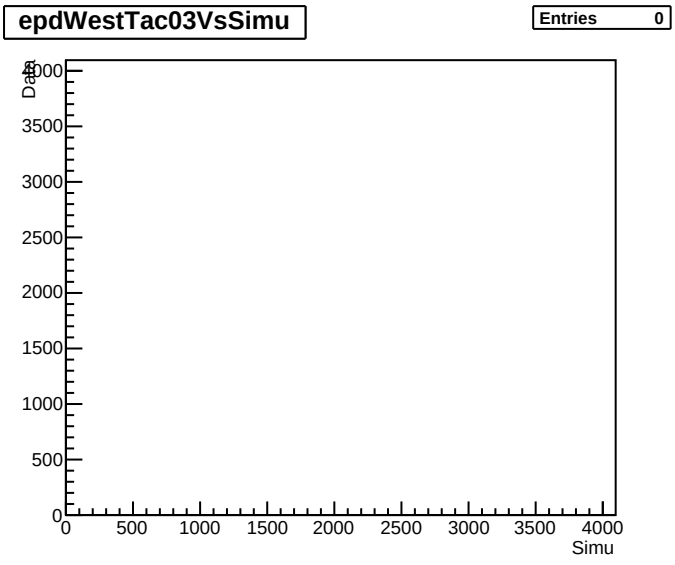
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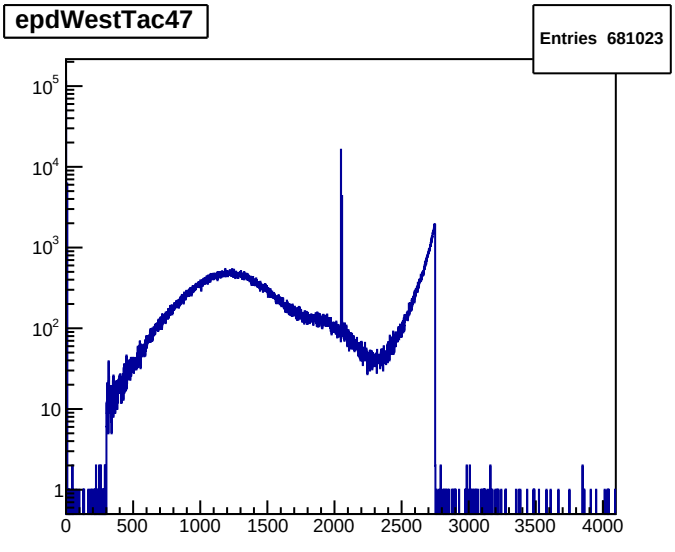
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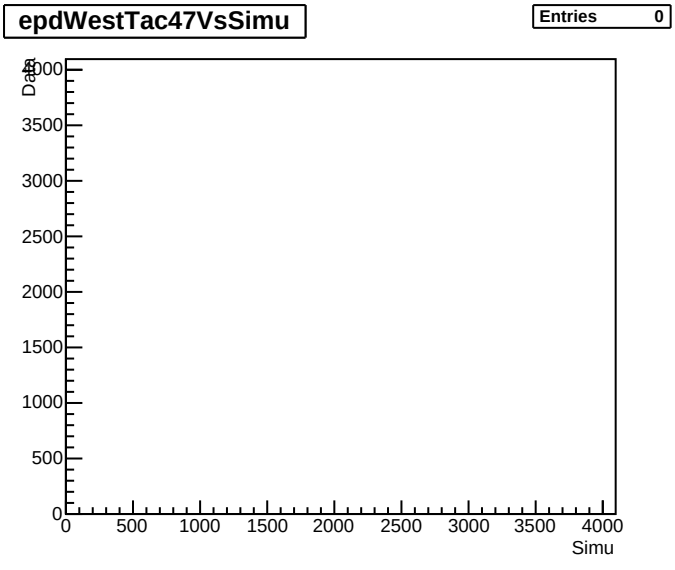
Entries 681023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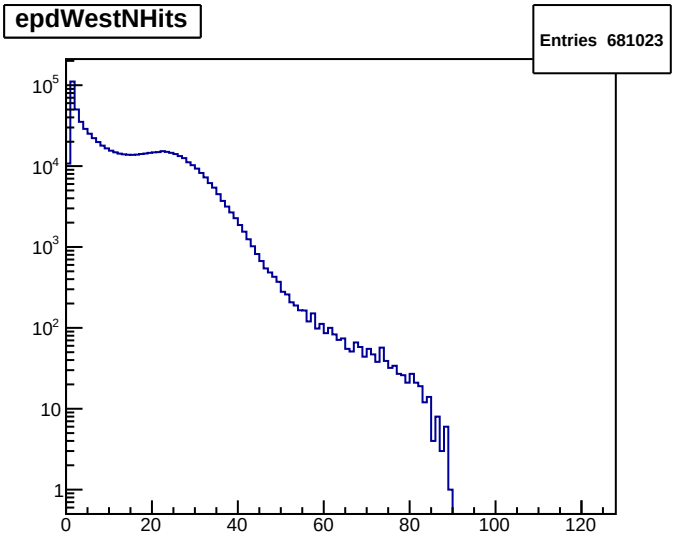
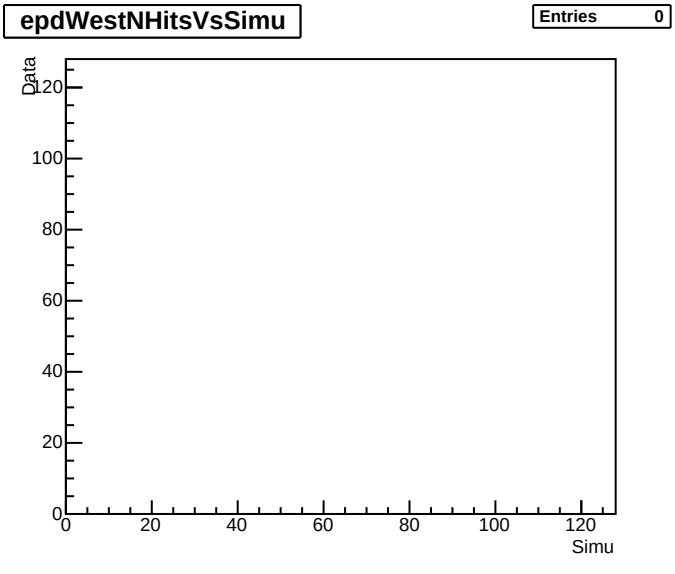
Entries 0
Data
Simu


epdWestNHits
Entries 681023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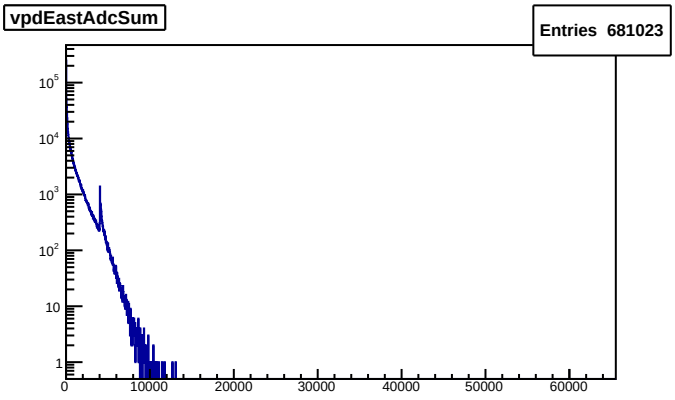
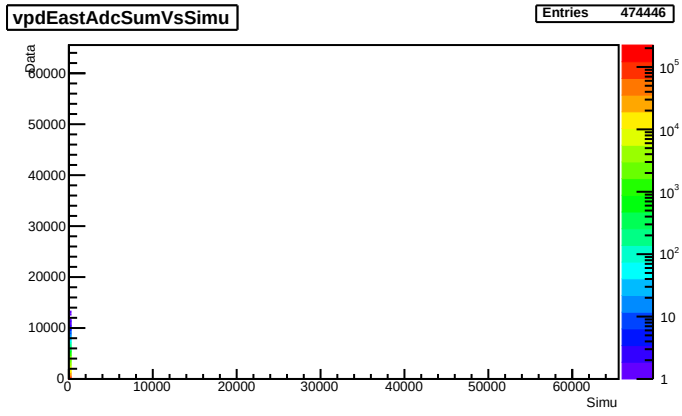
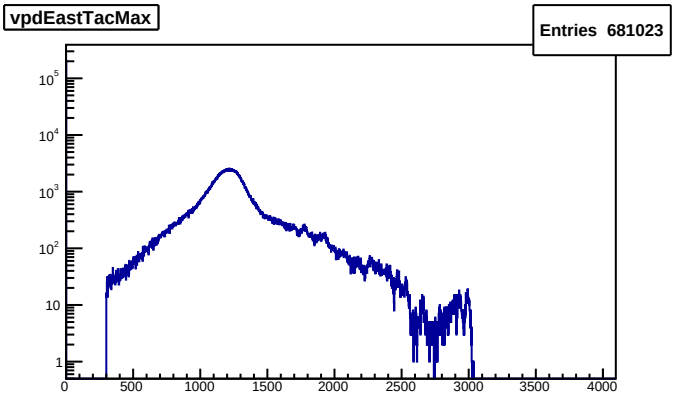
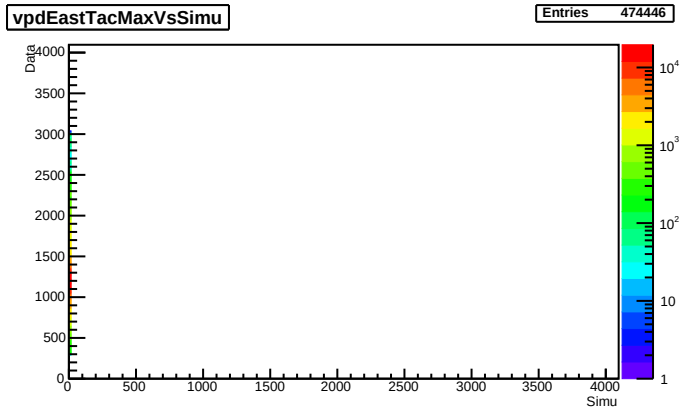
Entries 0
Data
Simu


vpdEastAdcSum
Entries 681023


vpdEastAdcSumVsSimu
Entries 474446
Data
Simu


vpdEastTacMax
Entries 681023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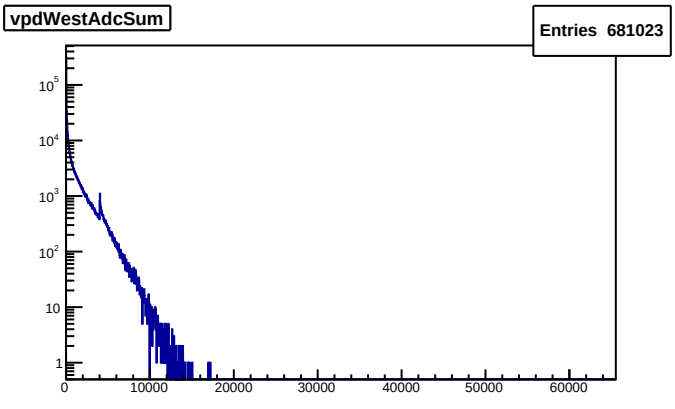
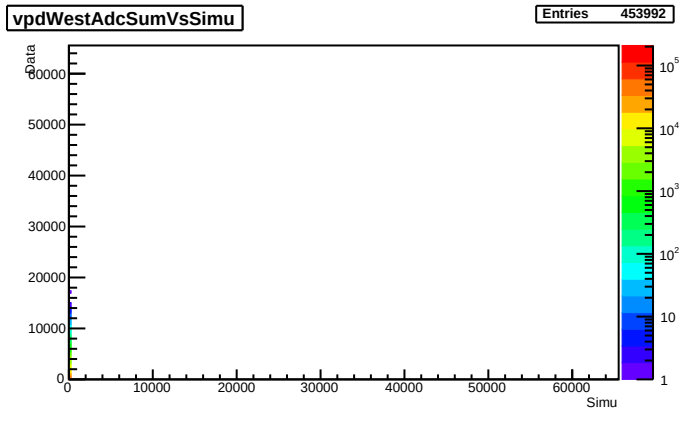
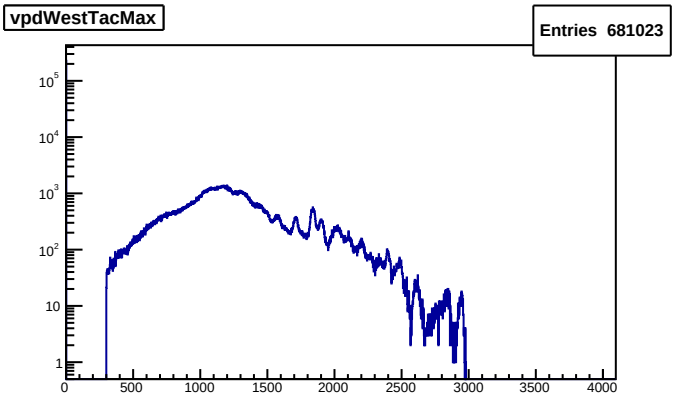
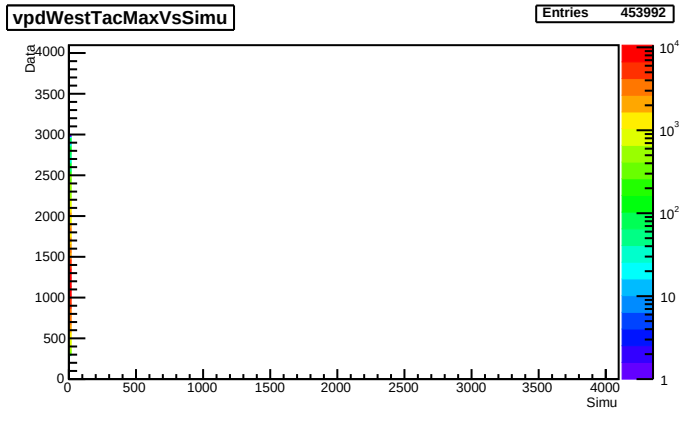
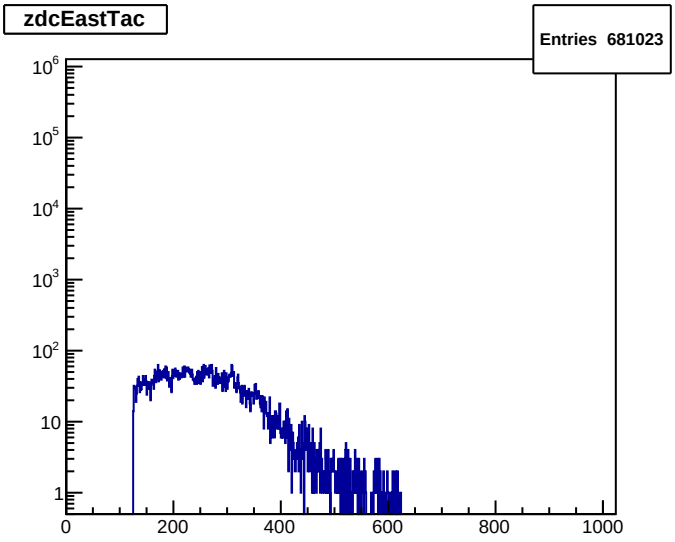
Entries 474446
Data
Simu

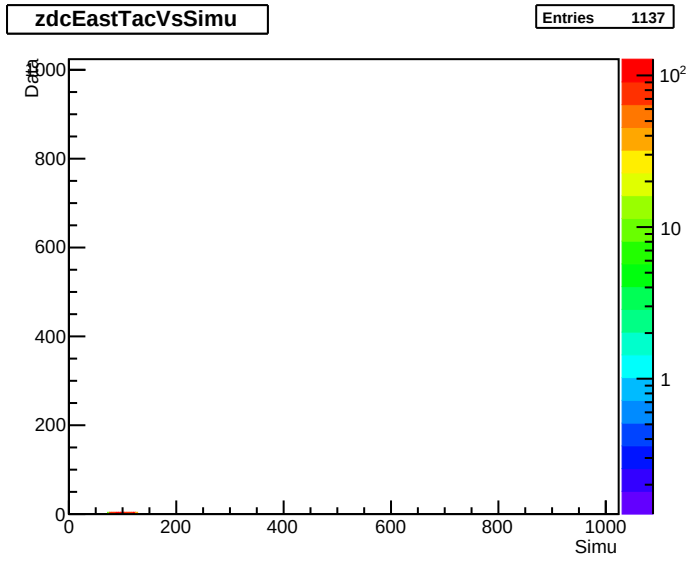

vpdWestAdcSum
Entries 681023

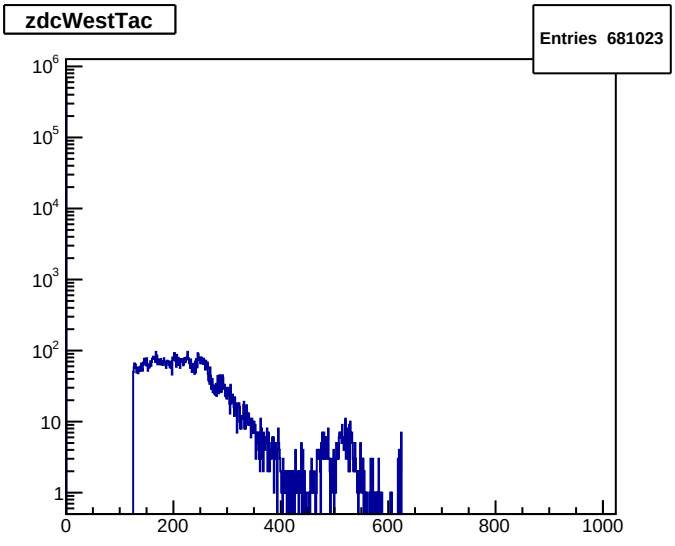

vpdWestAdcSumVsSimu
Entries 453992
Data
Simu

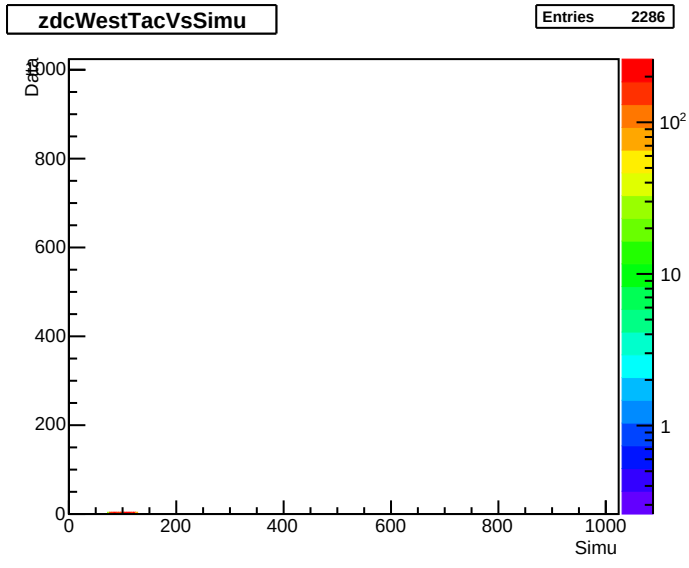

vpdWestTacMax
Entries 681023

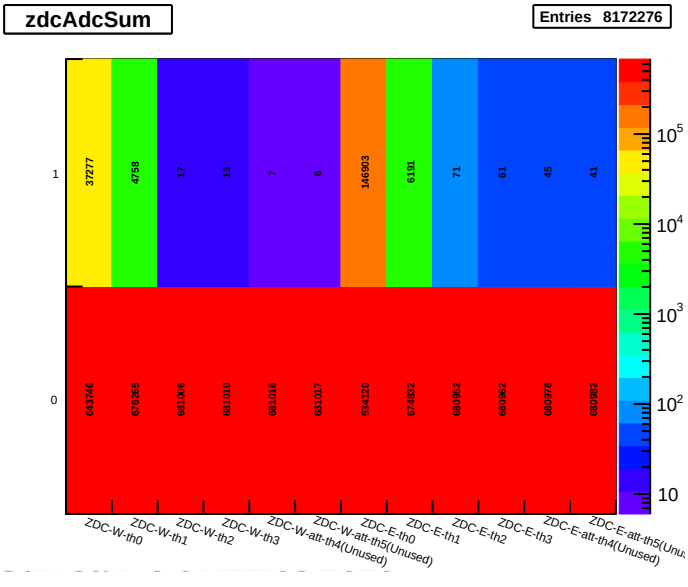

vpdWestTacMaxVsSimu
Entries 453992
Data
Simu

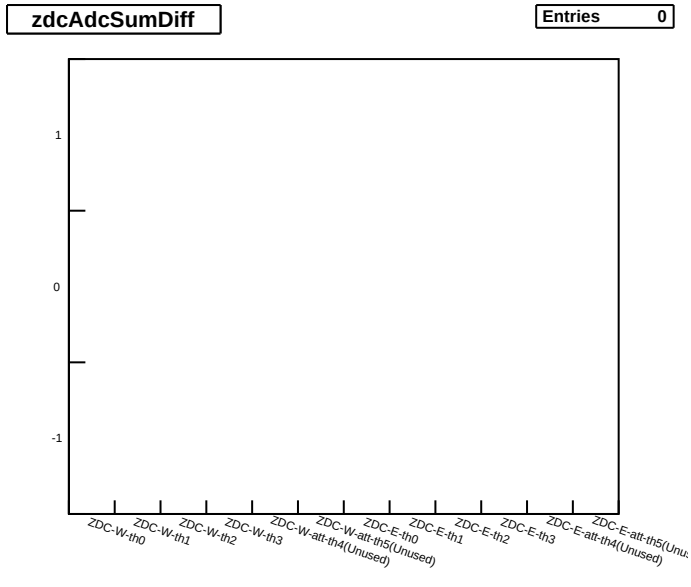

zdcEastTac
Entries 681023

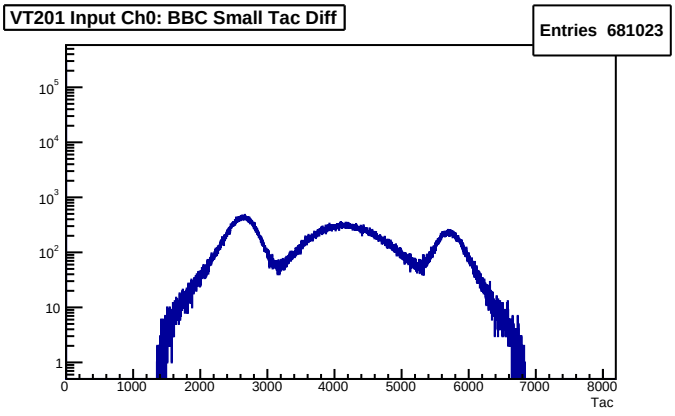

zdcEastTacVsSimu
Entries 1137
Data
Simu

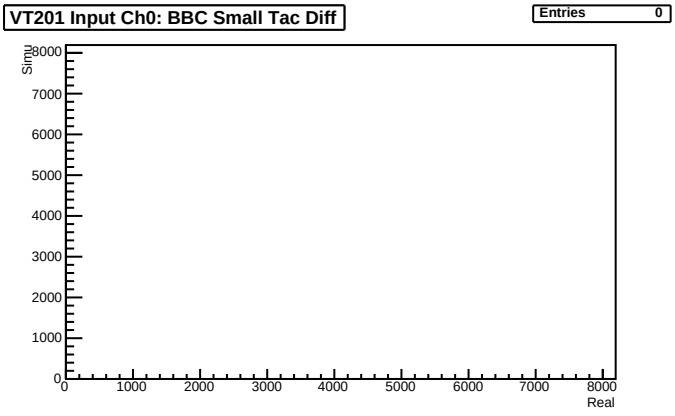

zdcWestTac
Entries 681023

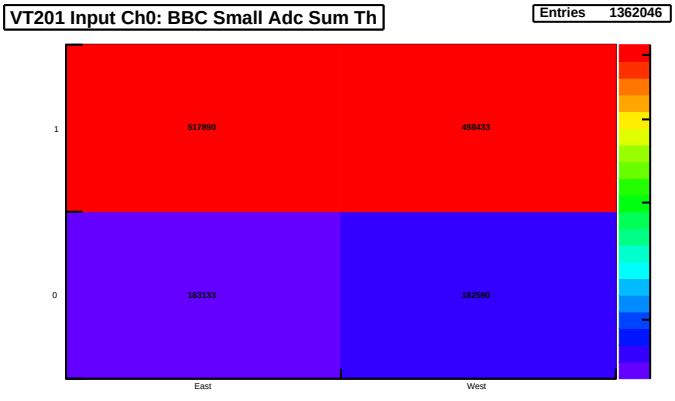

zdcWestTacVsSimu
Entries 2286
Data
Simu

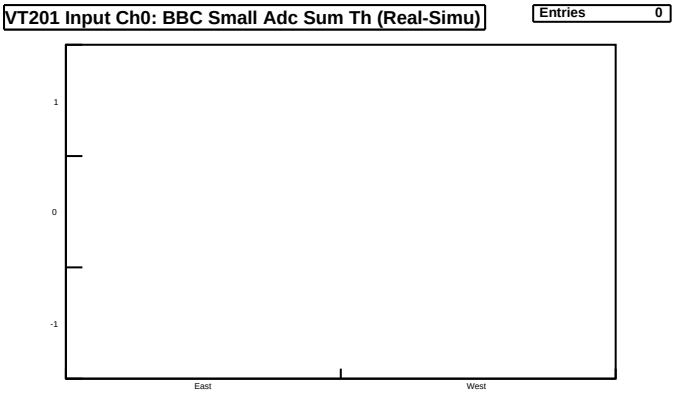

zdcAdcSum
Entries 8172276
37277
4758
17
13
7
6
146903
6191
71
61
45
41
643746
676265
681006
681010
681016
681017
534120
674832
680952
680962
680978
680982
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

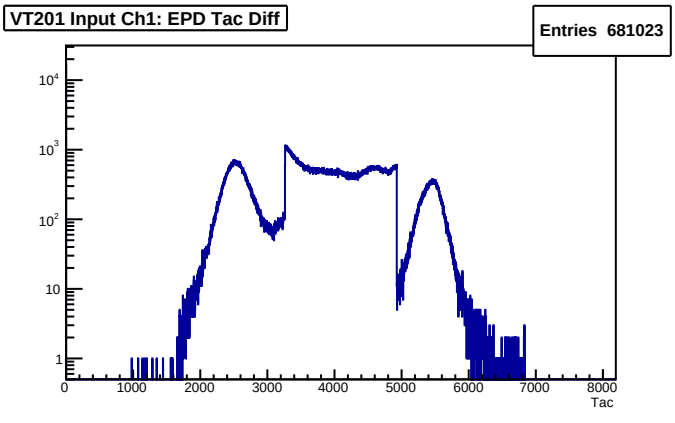

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

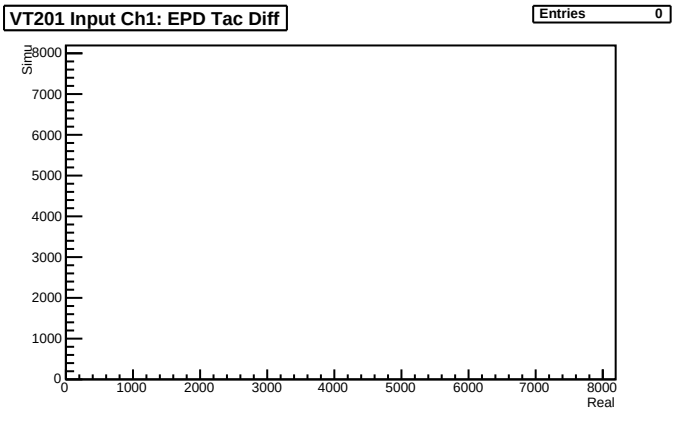

VT201 Input Ch0: BBC Small Tac Diff
Entries 681023
Tac

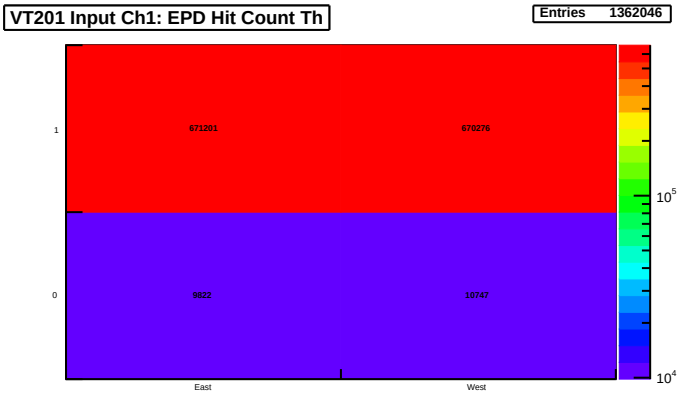

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

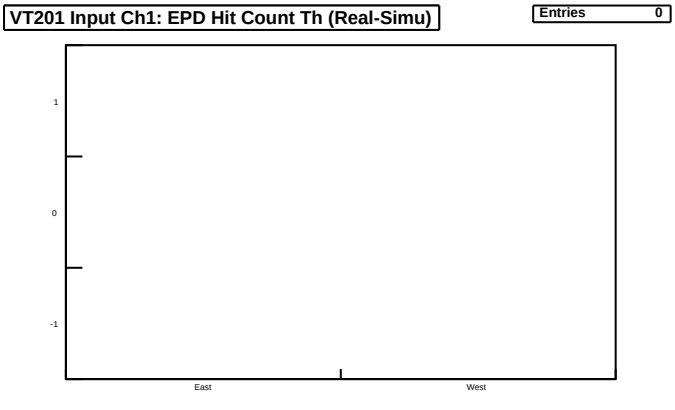

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1362046
517890
498433
163133
182590
East
West

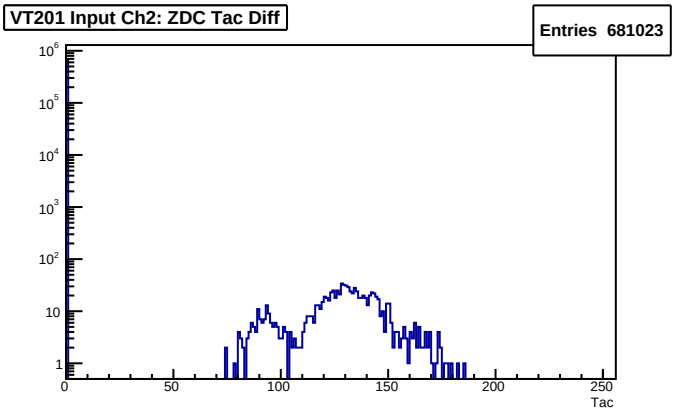

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

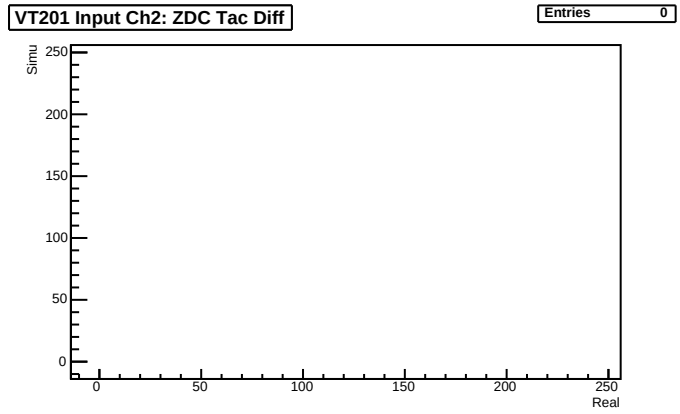

VT201 Input Ch1: EPD Tac Diff
Entries 681023
Tac

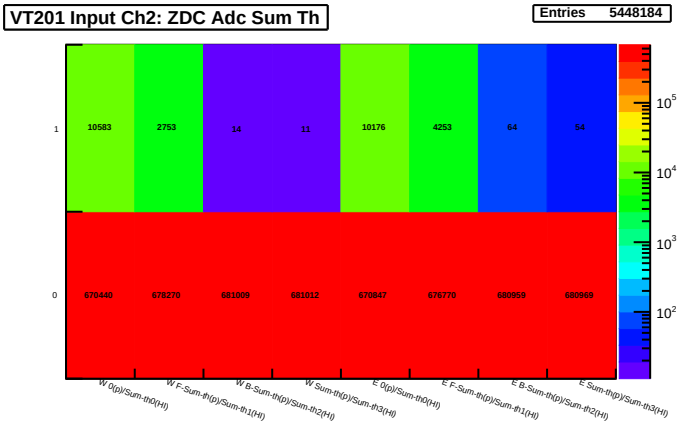

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

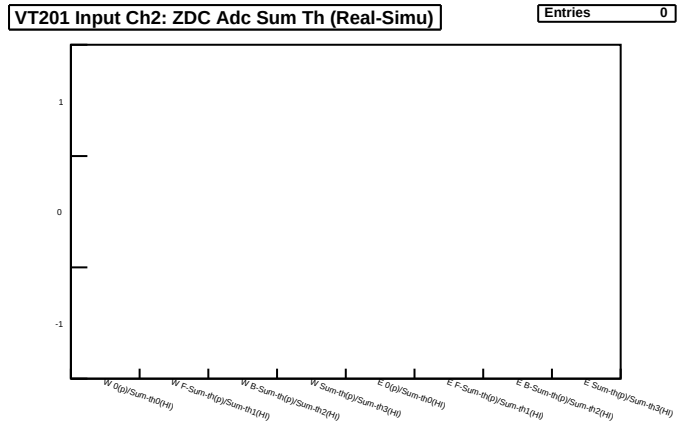

VT201 Input Ch1: EPD Hit Count Th
Entries 1362046
671201
670276
9822
10747
East
West

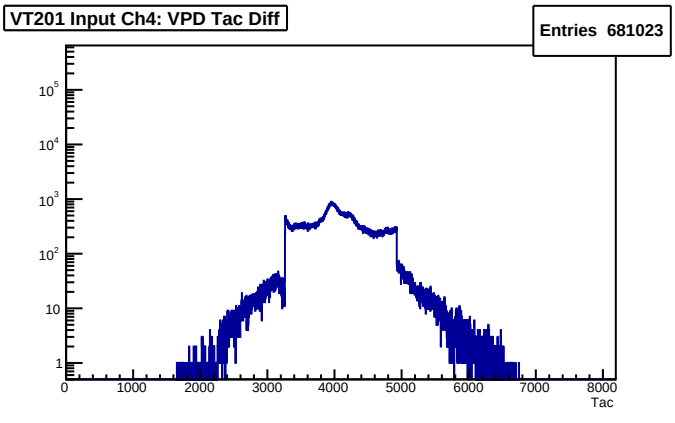

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

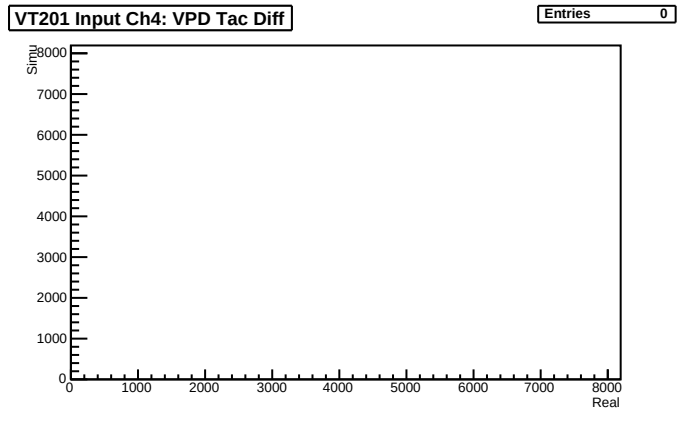

VT201 Input Ch2: ZDC Tac Diff
Entries 681023
Tac

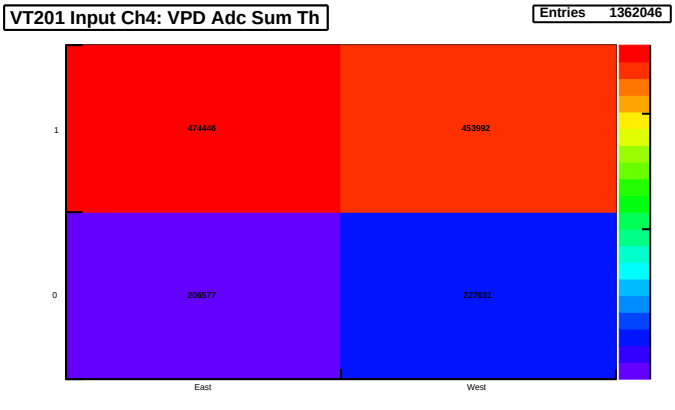

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

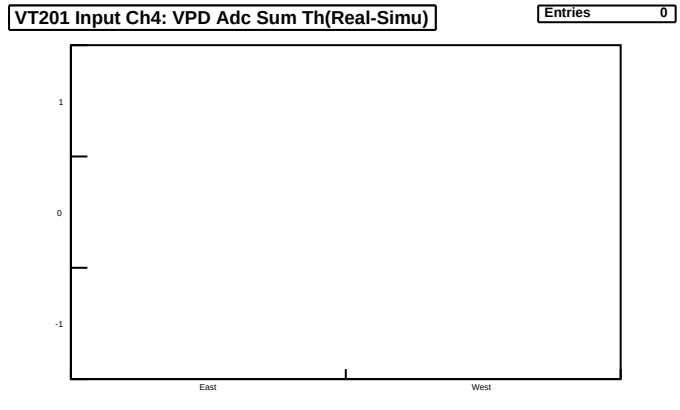

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5448184
10583
2753
14
11
10176
4253
64
54
670440
678270
681009
681012
670847
676770
680959
680969
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

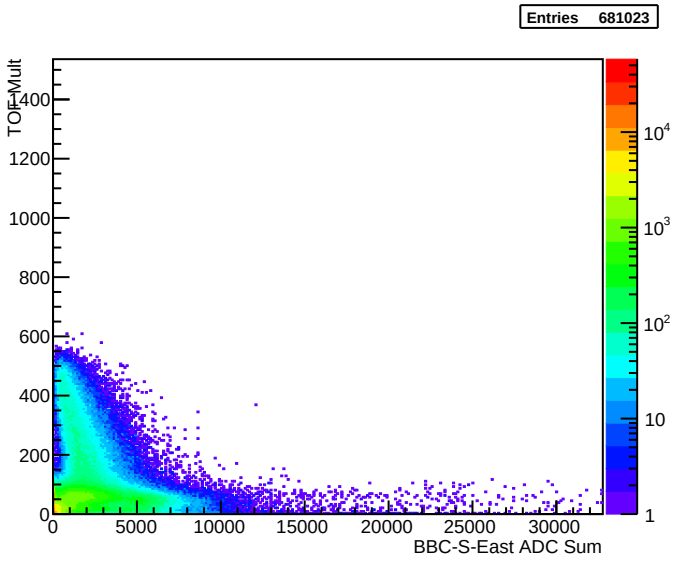

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

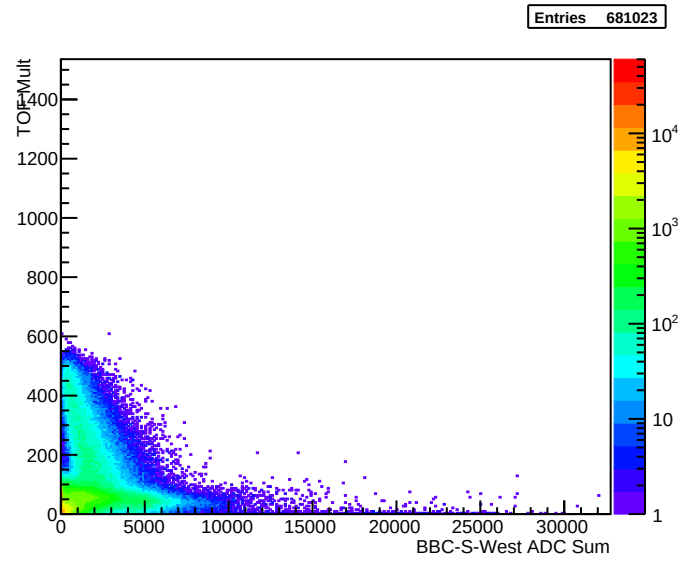

VT201 Input Ch4: VPD Tac Diff
Entries 681023
Tac

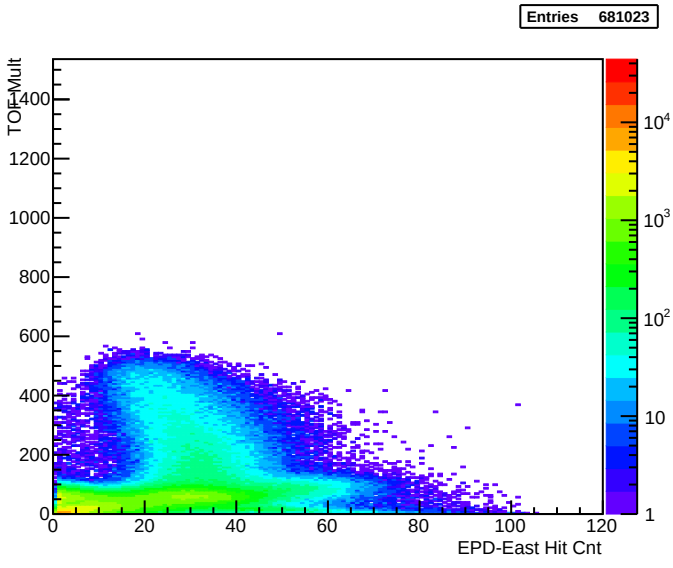

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

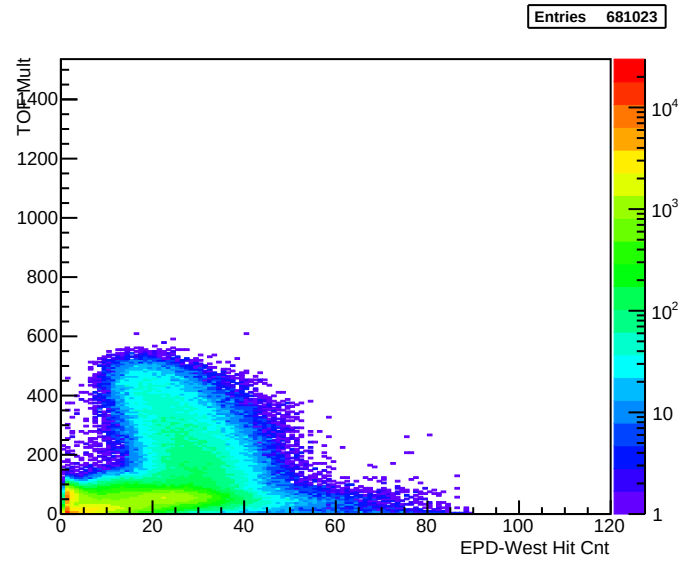

VT201 Input Ch4: VPD Adc Sum Th
Entries 1362046
474446
453992
206577
227031
East
West

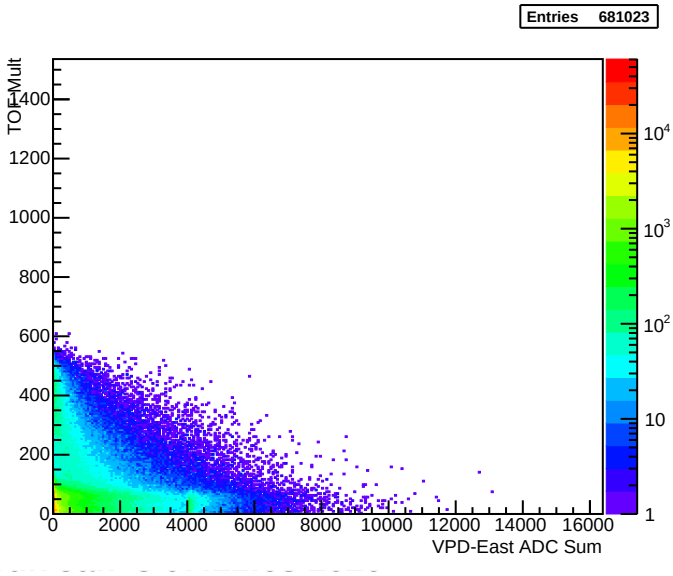

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

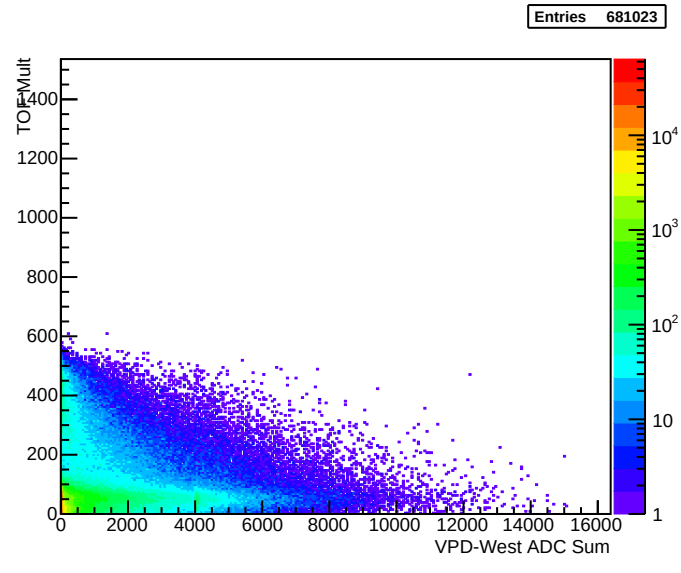

Entries 681023
TOF-Mult
BBC-S-East ADC Sum

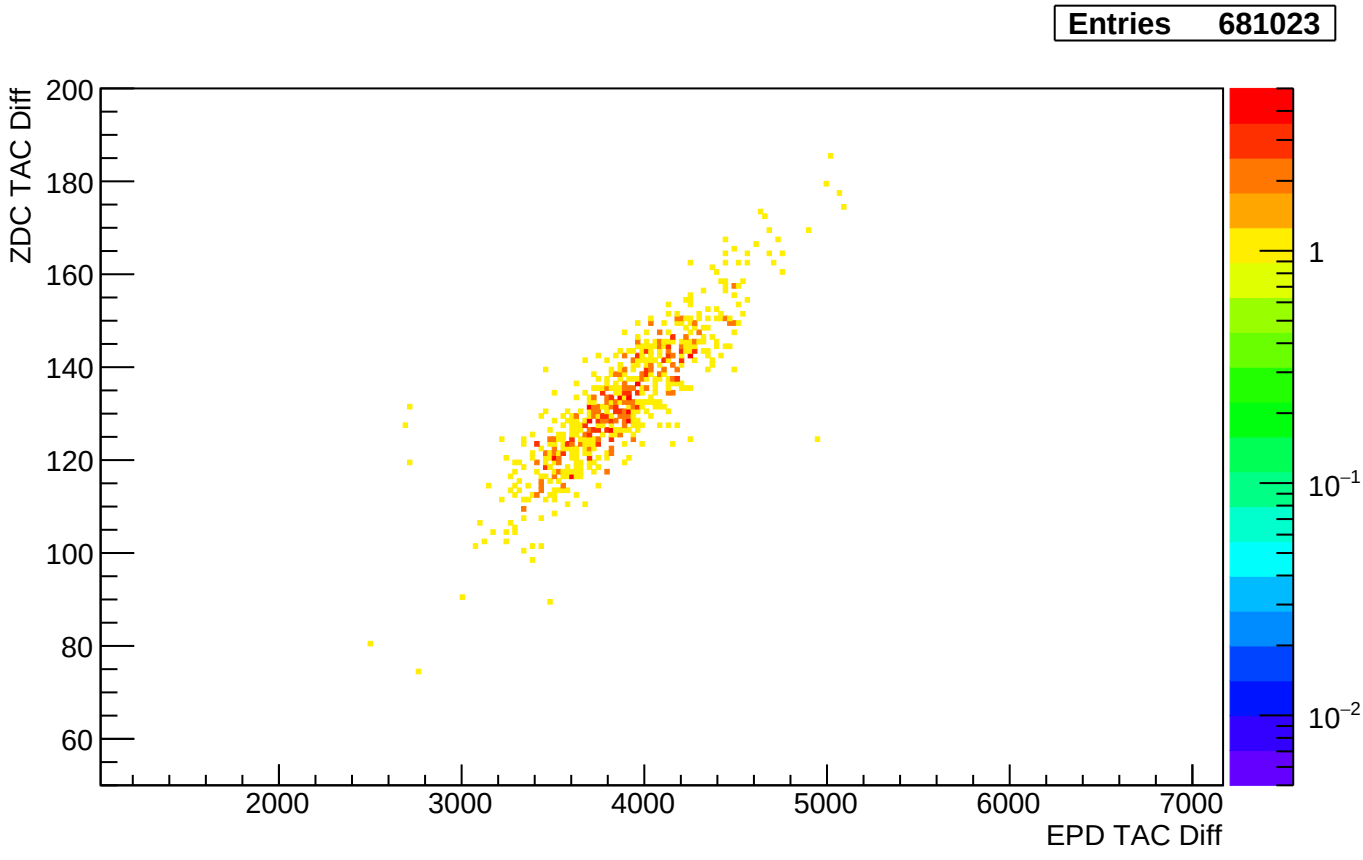

Entries 681023
TOF-Mult
BBC-S-West ADC Sum

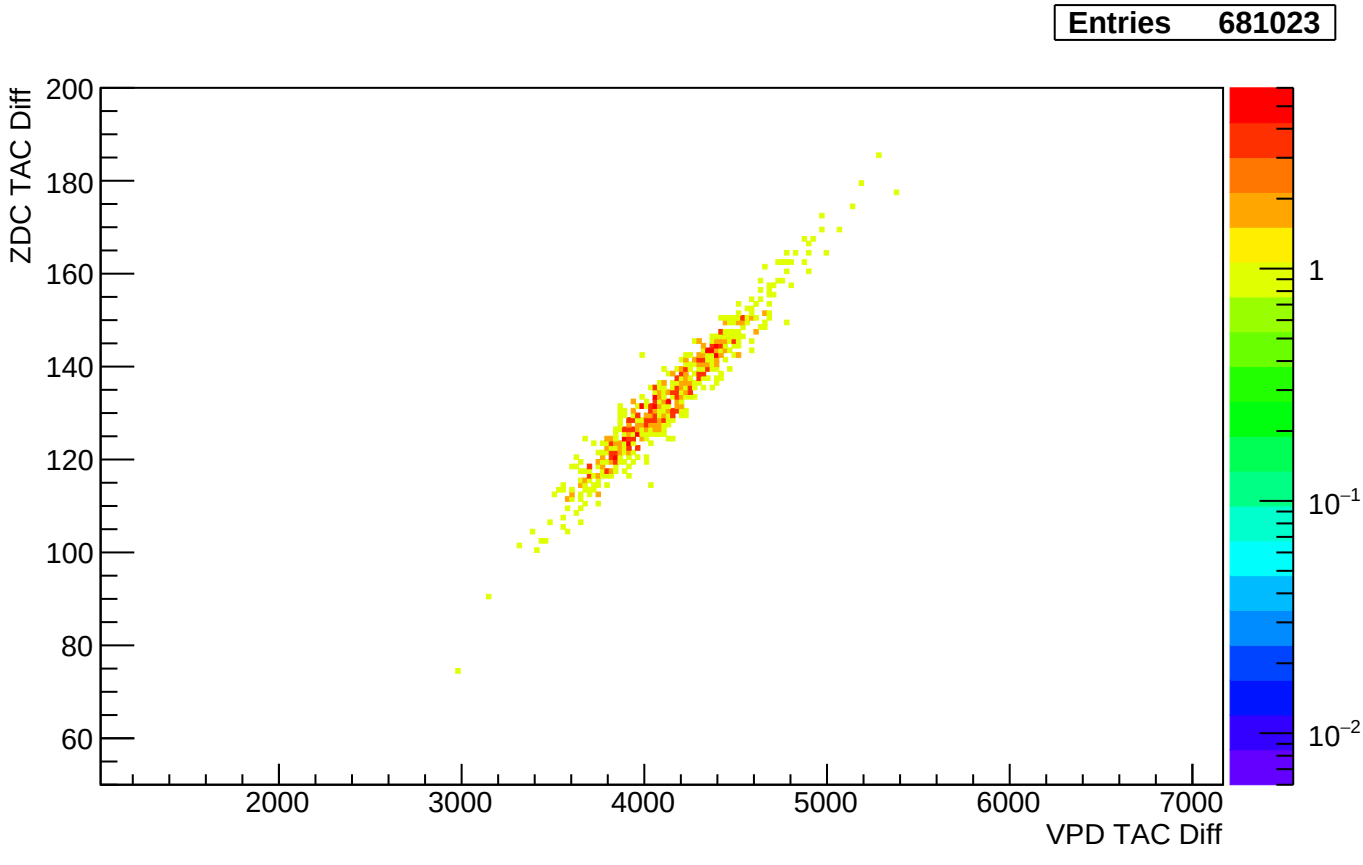

Entries 681023
TOF-Mult
EPD-East Hit Cnt

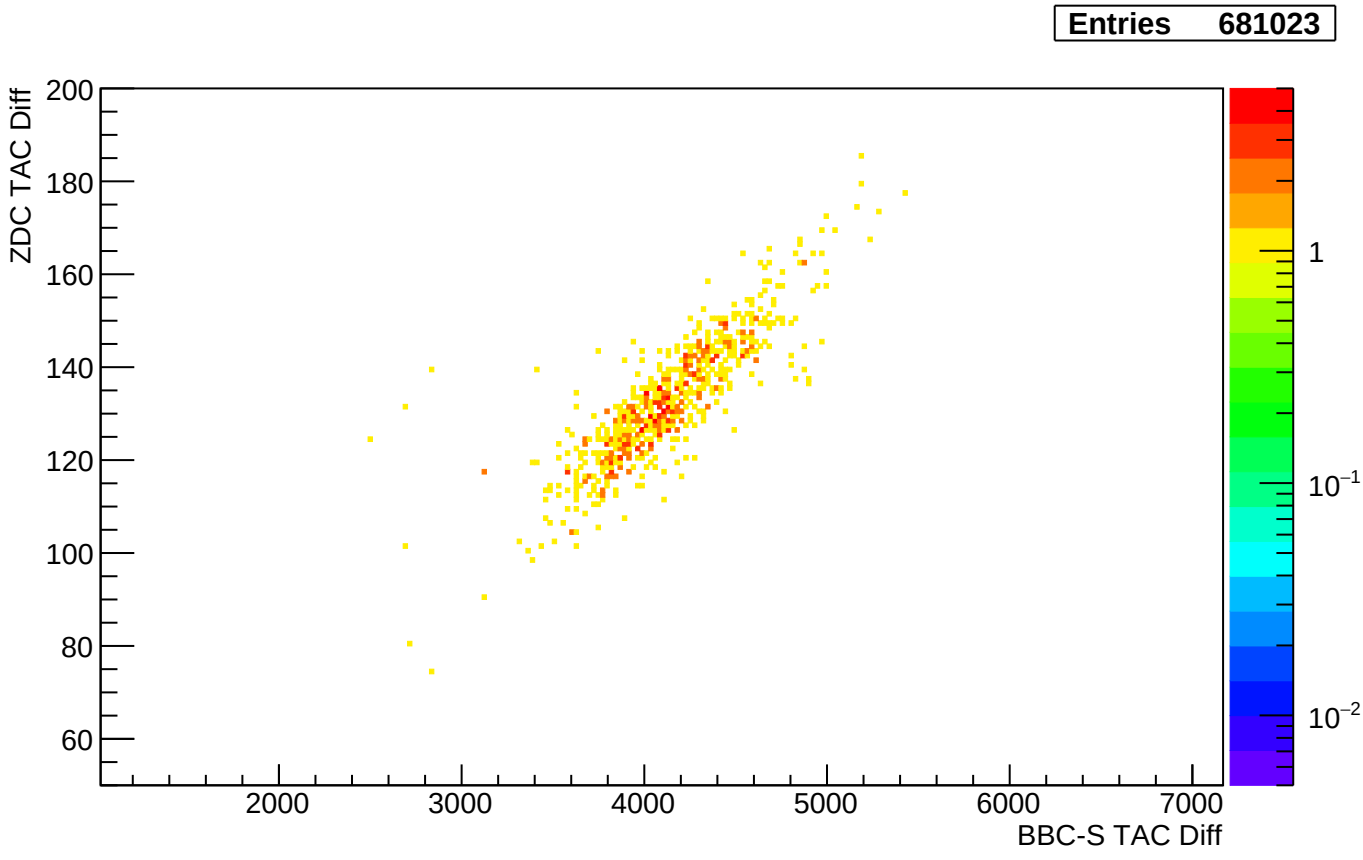

Entries 681023
TOF-Mult
EPD-West Hit Cnt

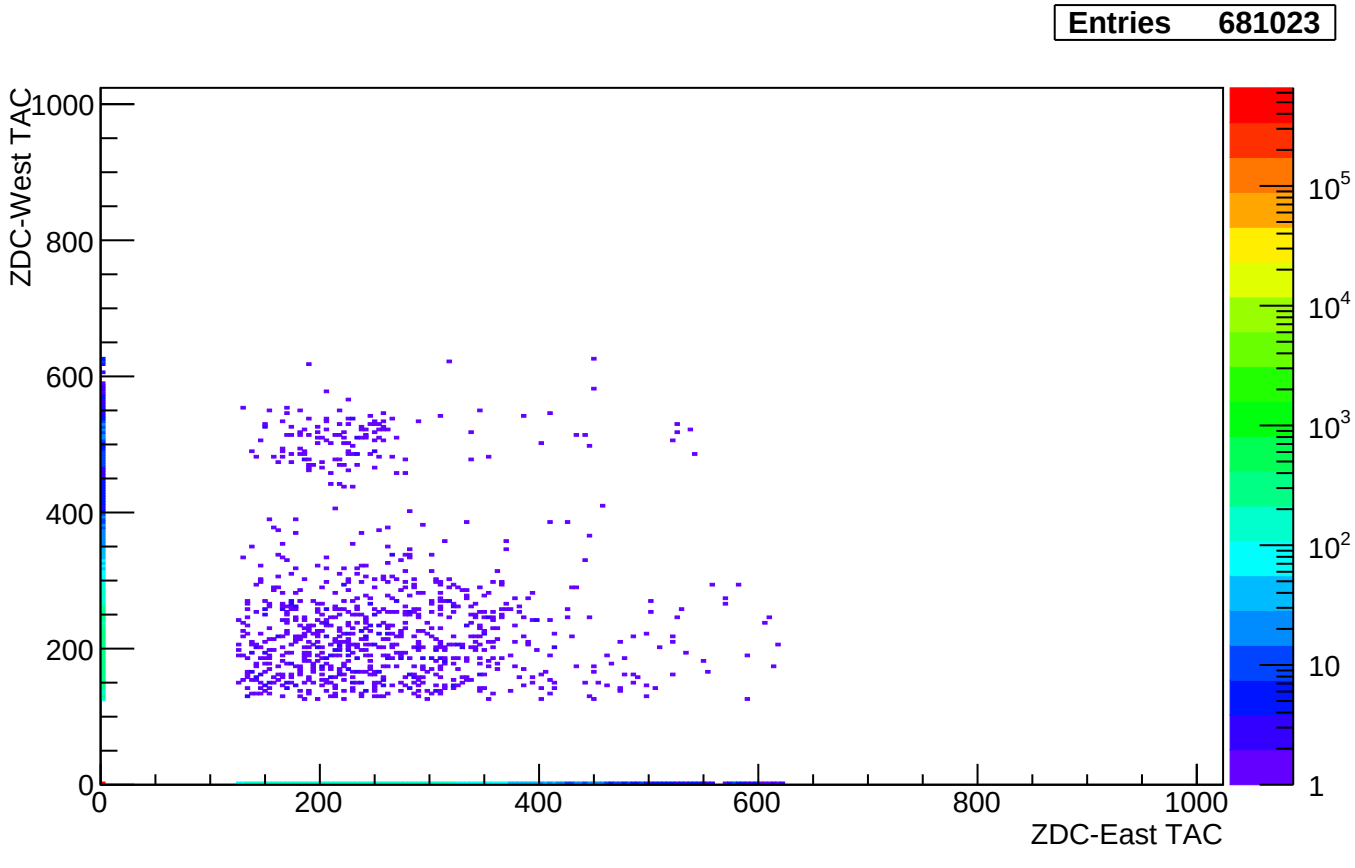

Entries 681023
TOF-Mult
VPD-East ADC Sum

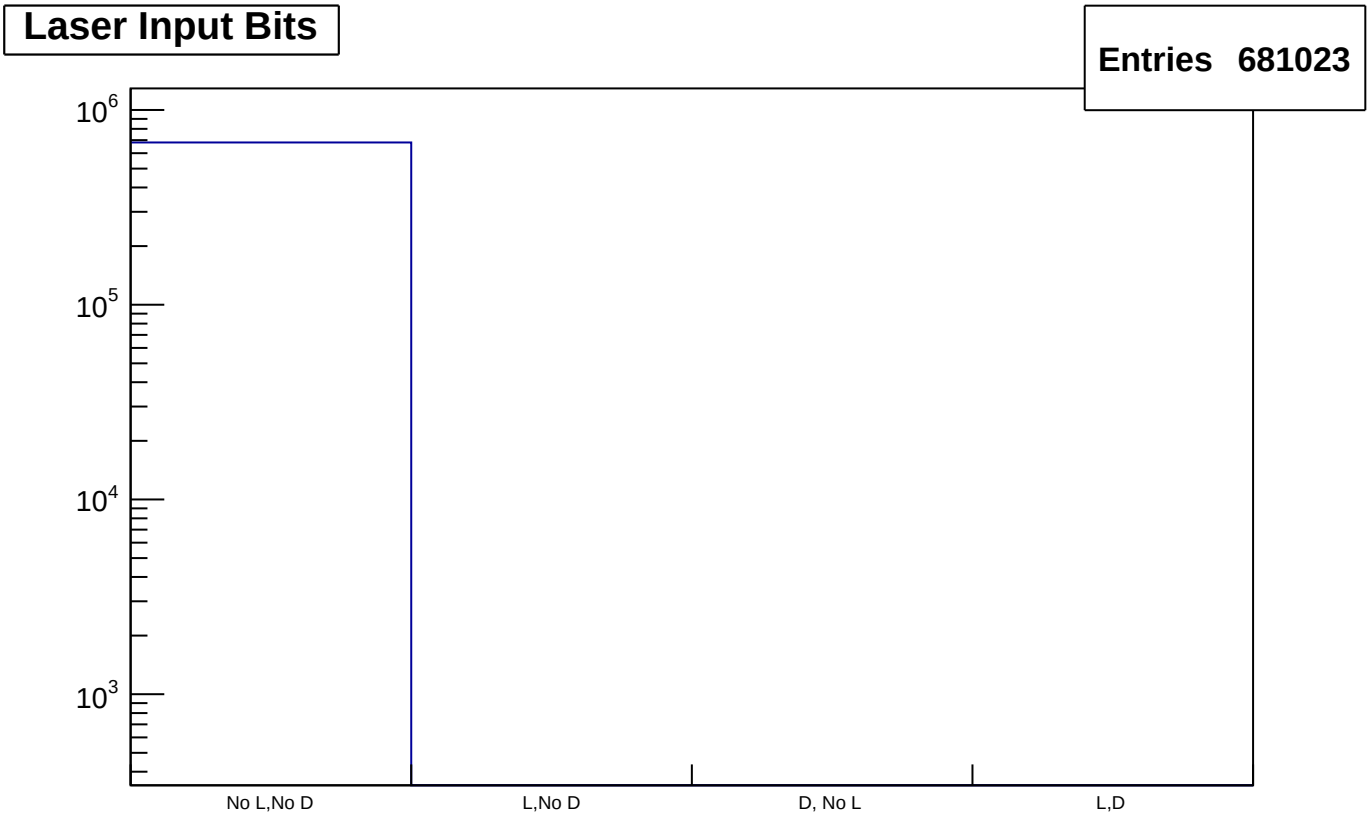

Entries 681023
TOF-Mult
VPD-West ADC Sum

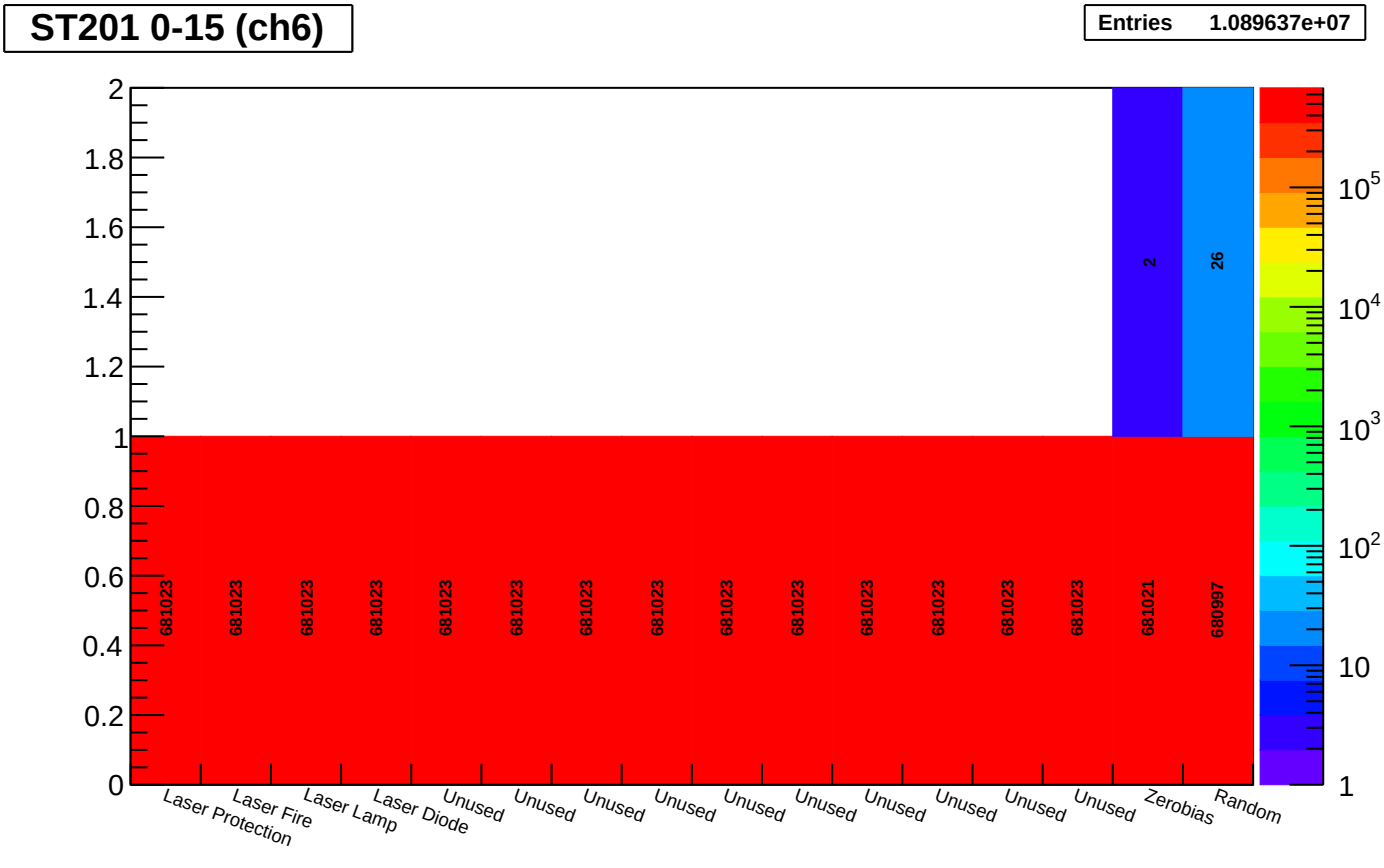

Entries 681023
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 681023
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}

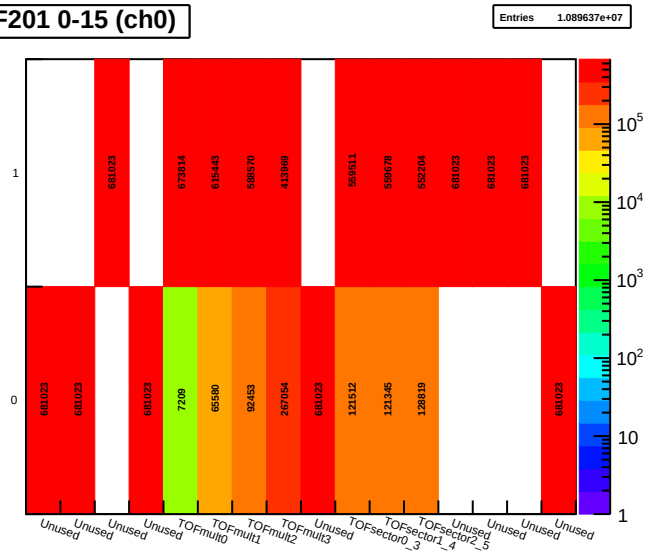

Entries 681023
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}


Entries 681023
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

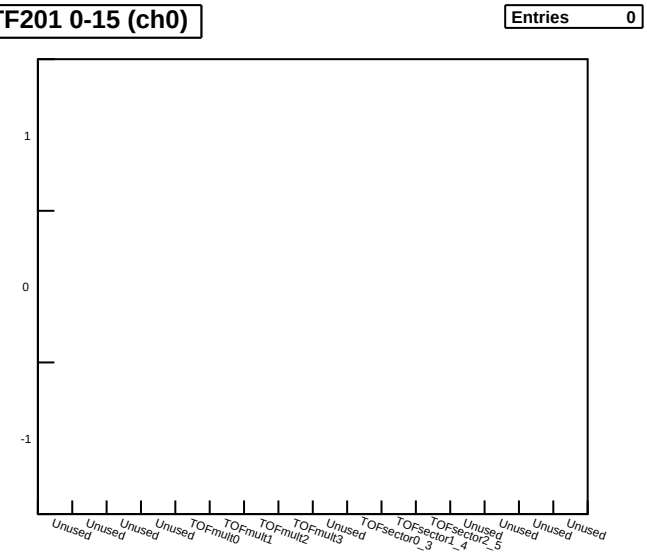

Laser Input Bits
Entries 681023
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.089637e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
681023
681023
681023
681023
681023
681023
681023
681023
681023
681023
681023
681023
681023
681023
681021
680997
2
26
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

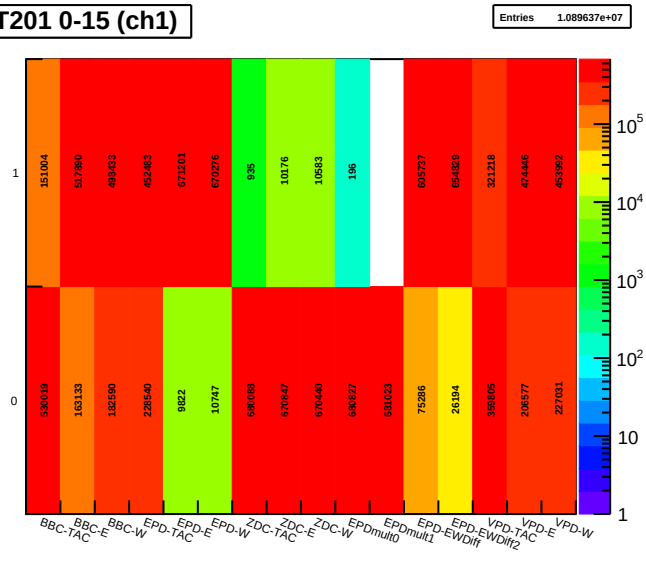
TF201 0-15 (ch0)



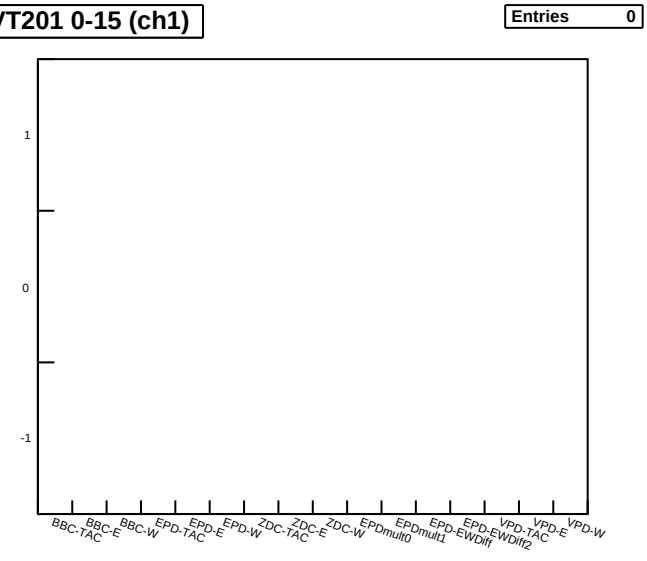
TF201 0-15 (ch0)



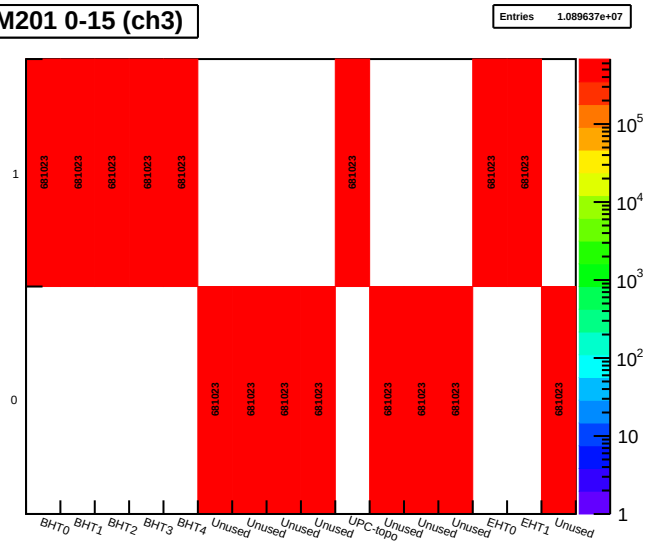
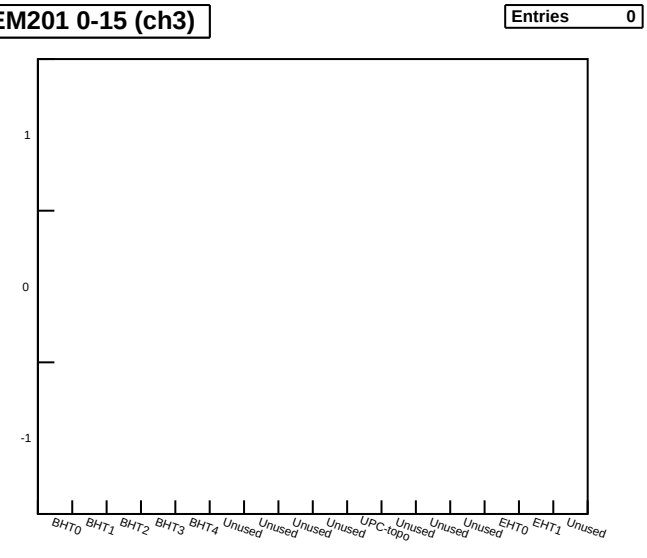
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)