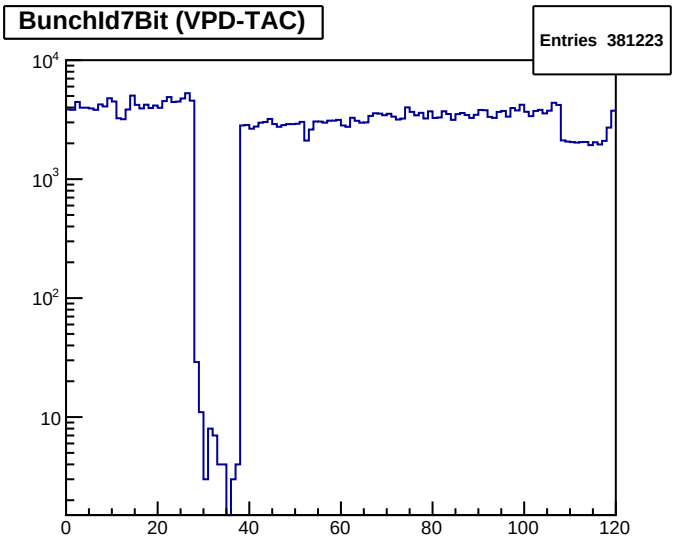
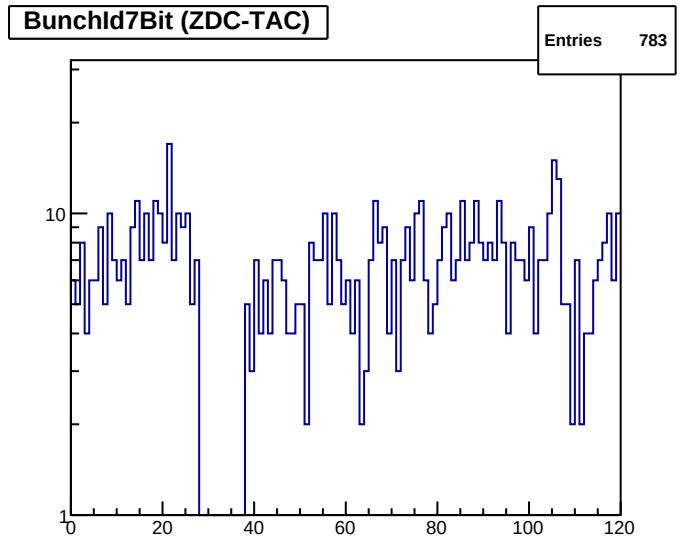
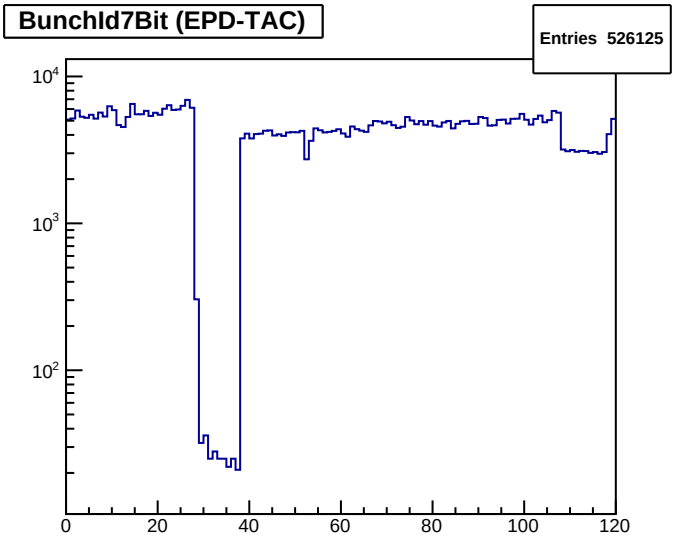
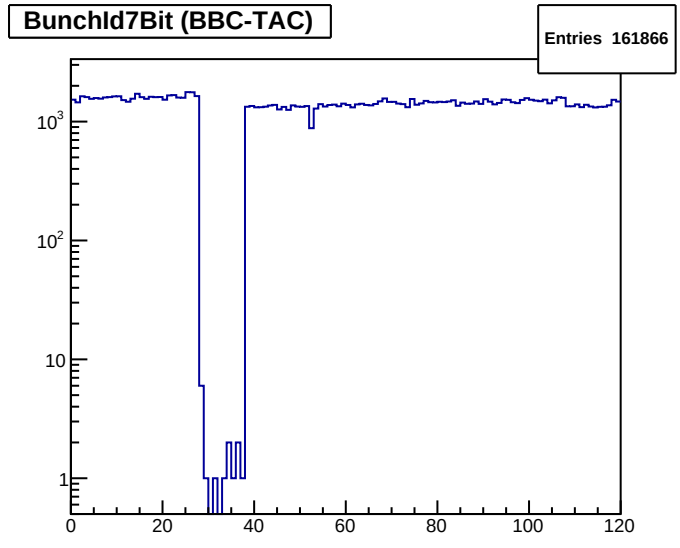
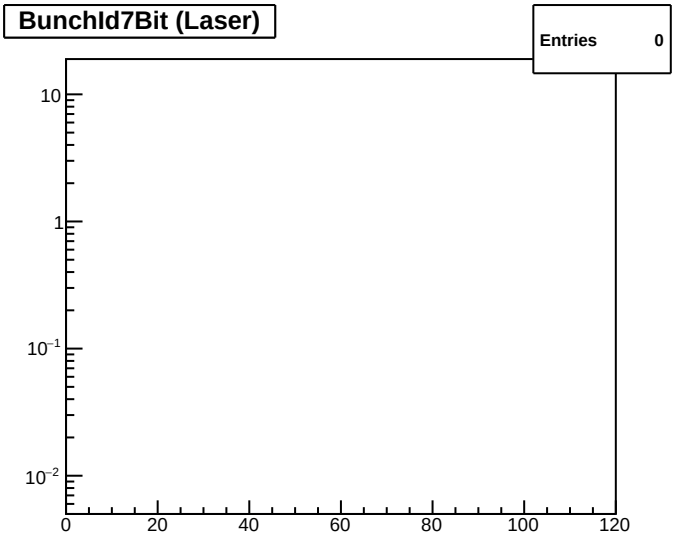
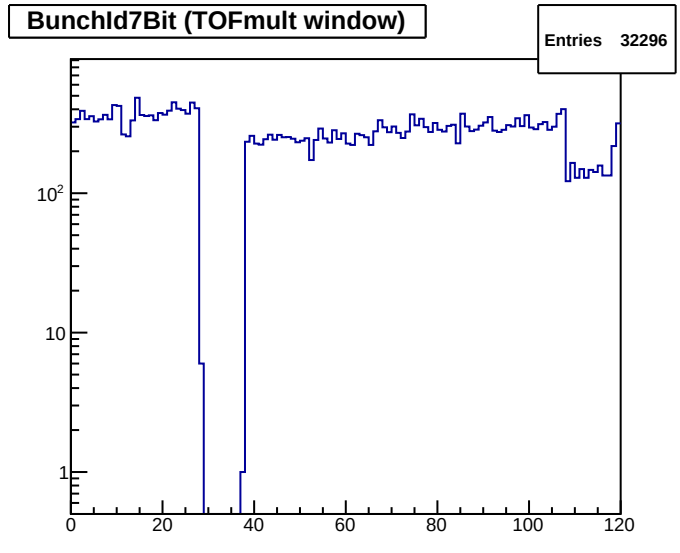

BunchId7Bit (VPD-TAC)
Entries 381223

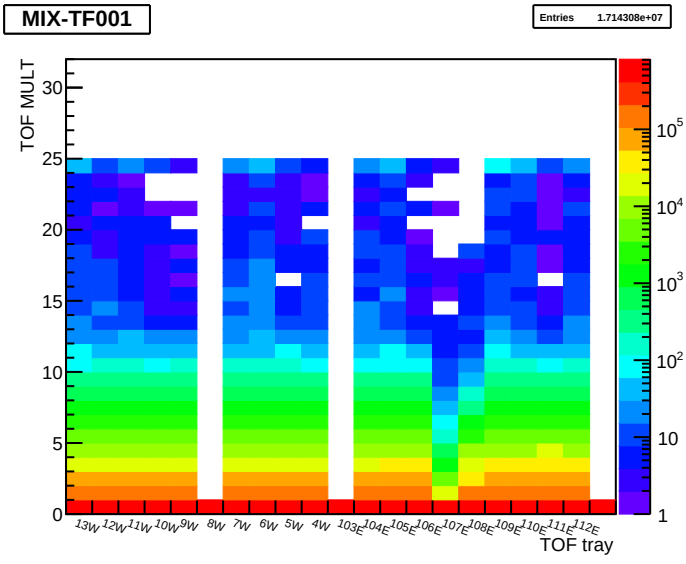

BunchId7Bit (ZDC-TAC)
Entries 783

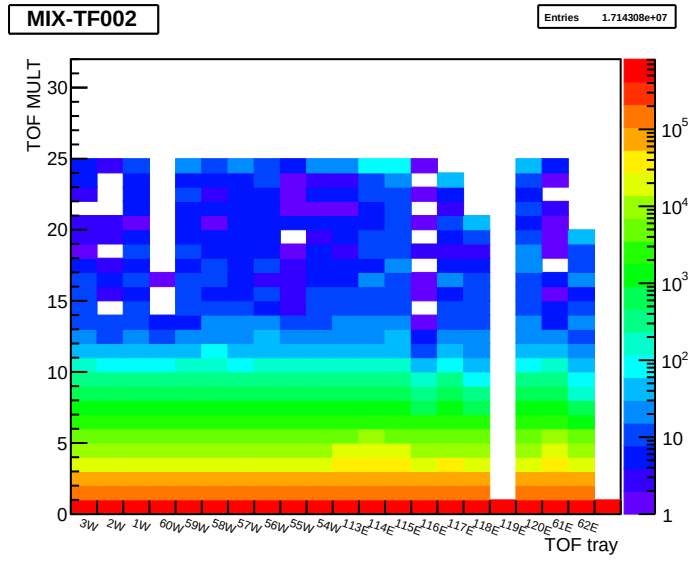

BunchId7Bit (EPD-TAC)
Entries 526125

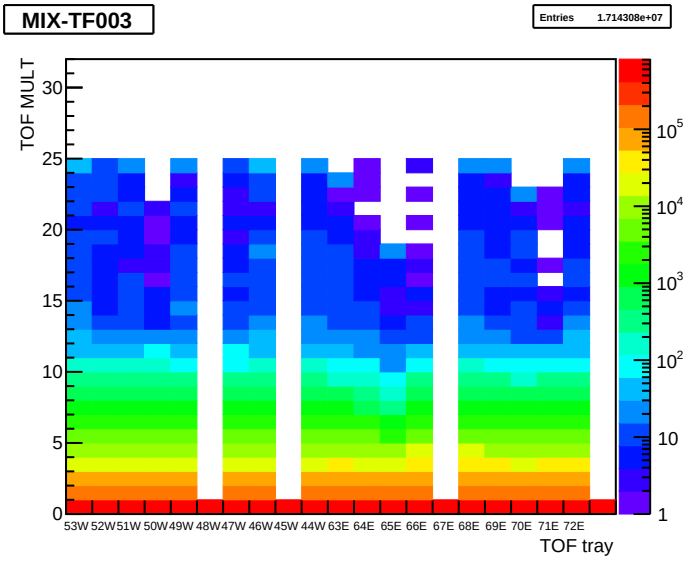

BunchId7Bit (BBC-TAC)
Entries 161866

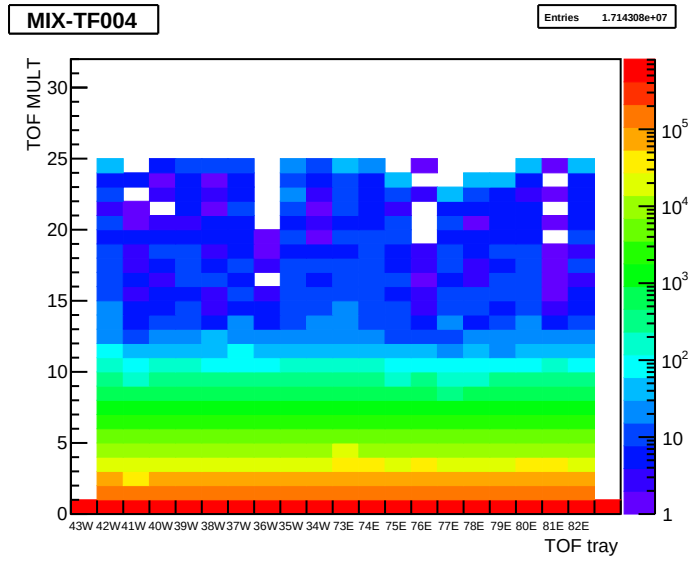

BunchId7Bit (Laser)
Entries 0

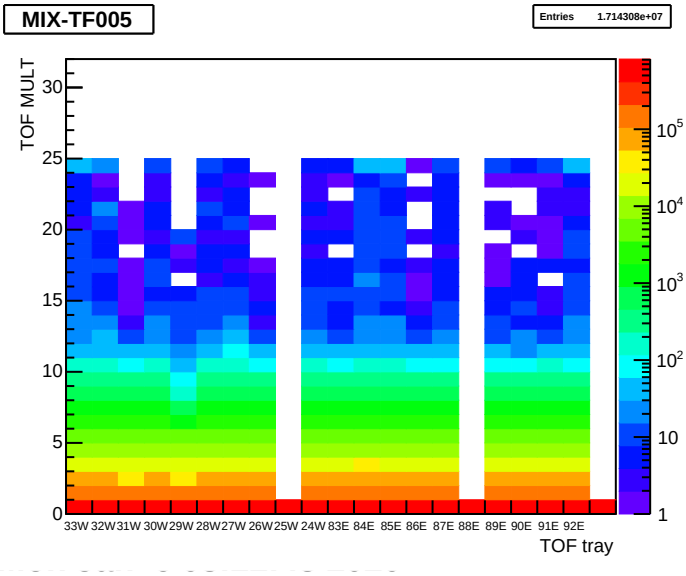

BunchId7Bit (TOFmult window)
Entries 32296

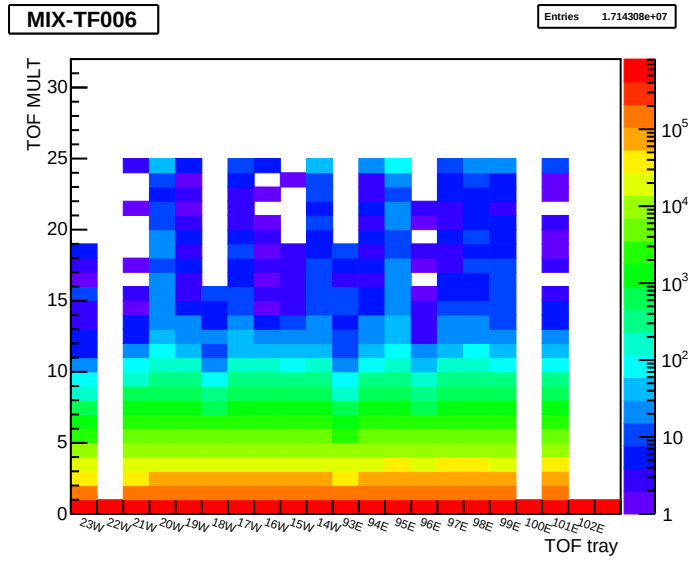

MIX-TF001
Entries 1.714308e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

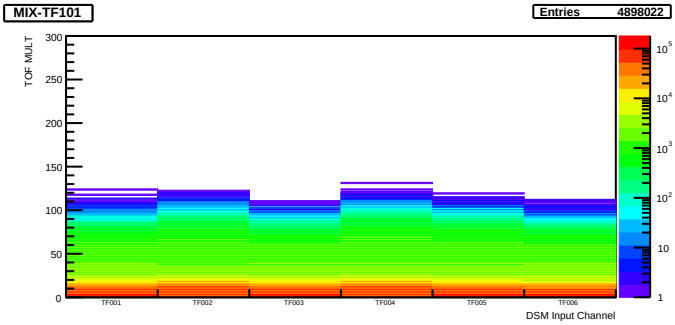

MIX-TF002
Entries 1.714308e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

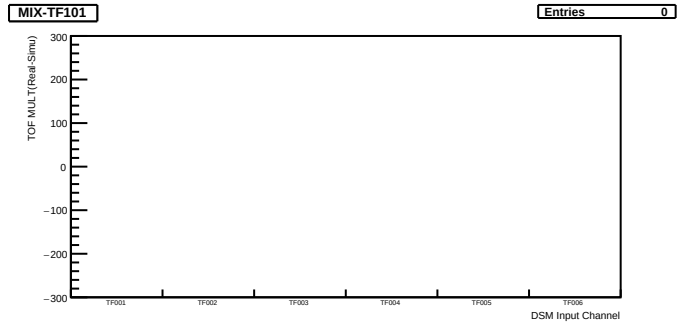

MIX-TF003
Entries 1.714308e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

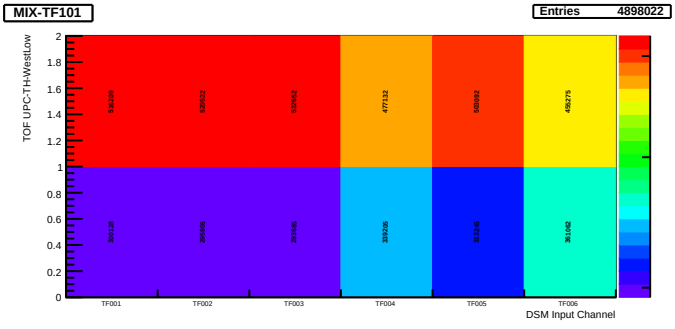

MIX-TF004
Entries 1.714308e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

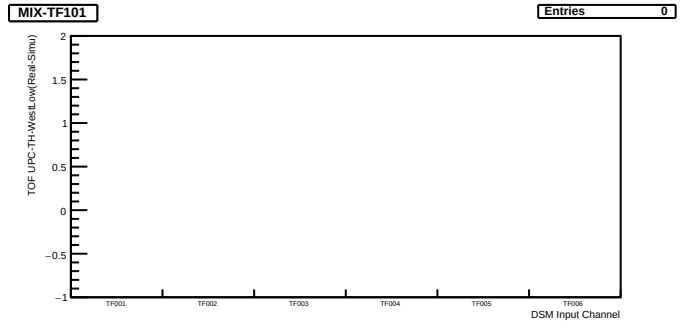

MIX-TF005
Entries 1.714308e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

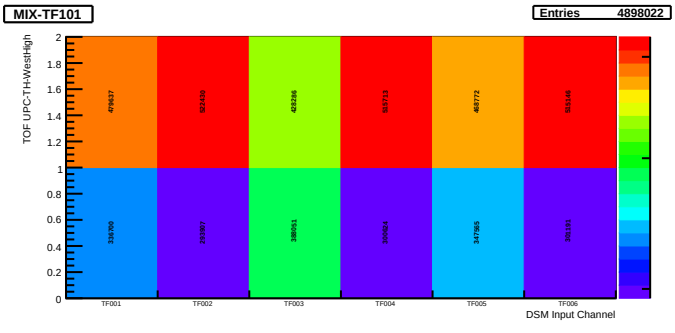

MIX-TF006
Entries 1.714308e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

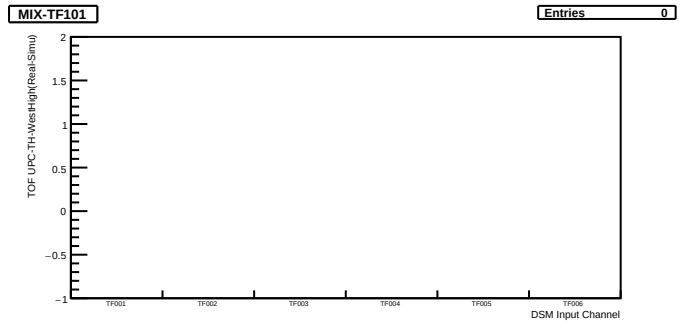

MIX-TF101
Entries 4898022
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

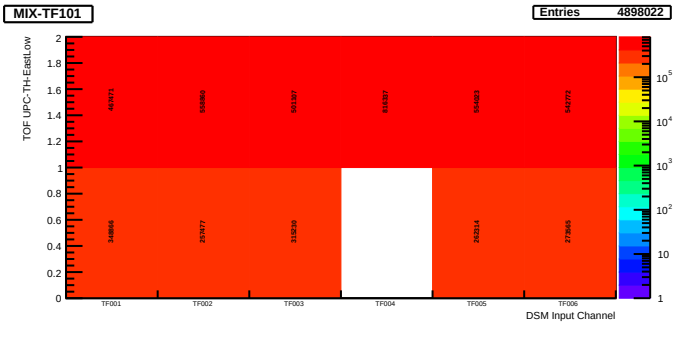

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

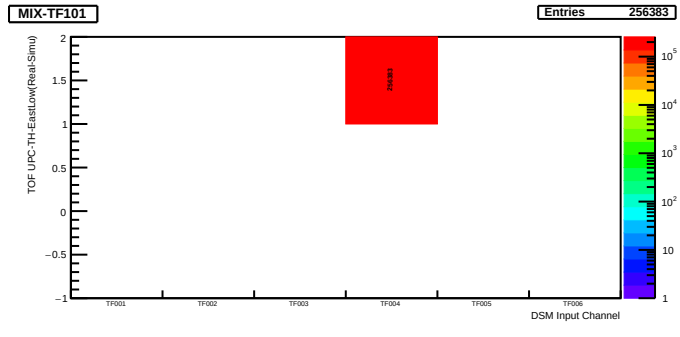

MIX-TF101
Entries 4898022
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

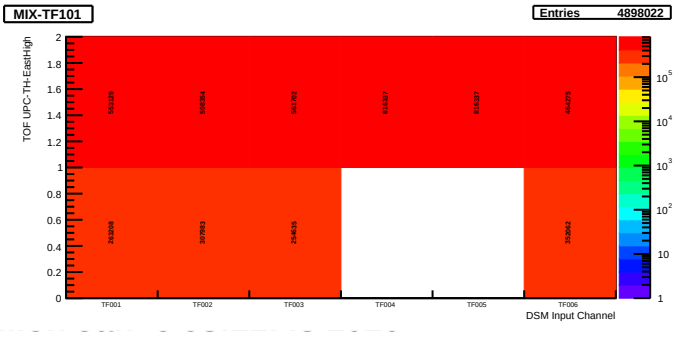

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

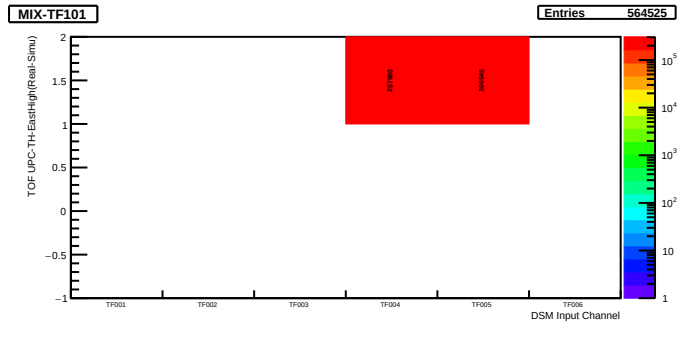

MIX-TF101
Entries 4898022
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

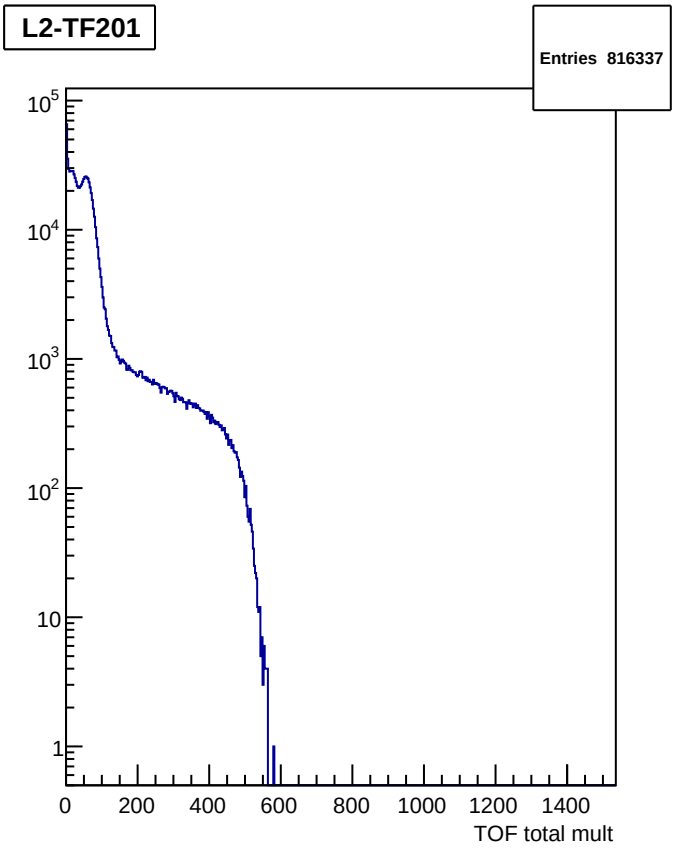

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

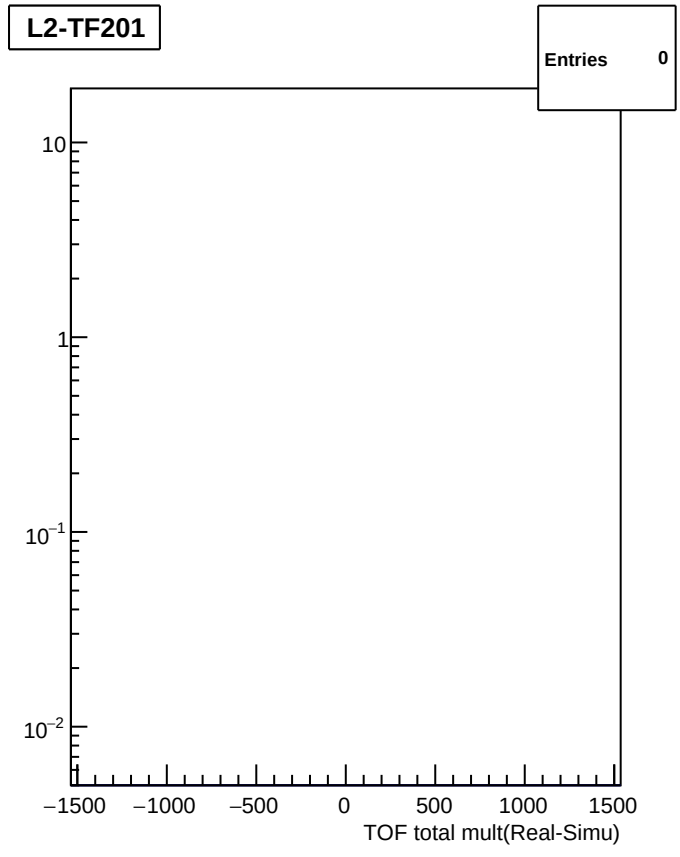

MIX-TF101
Entries 4898022
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

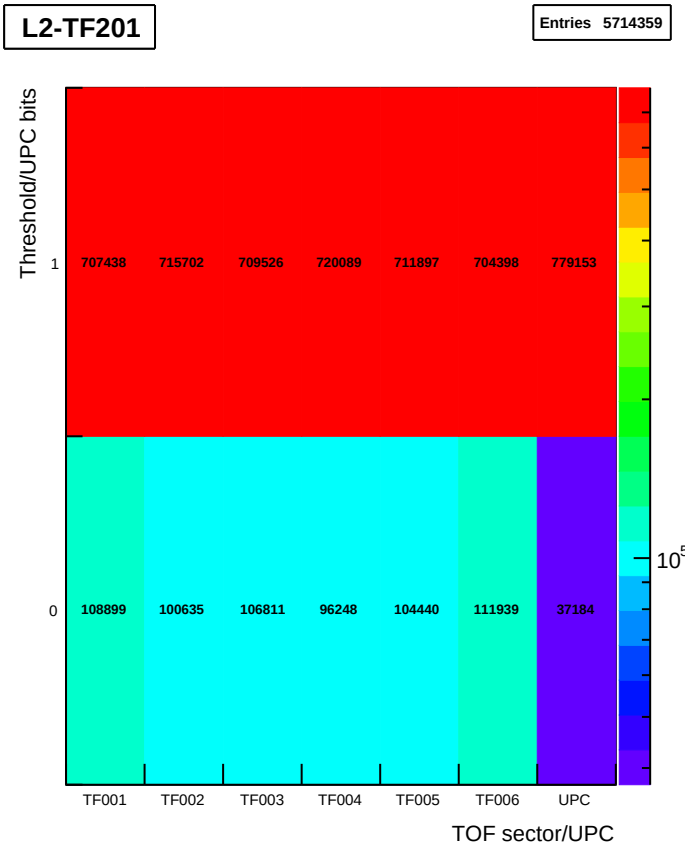

MIX-TF101
Entries 256383
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

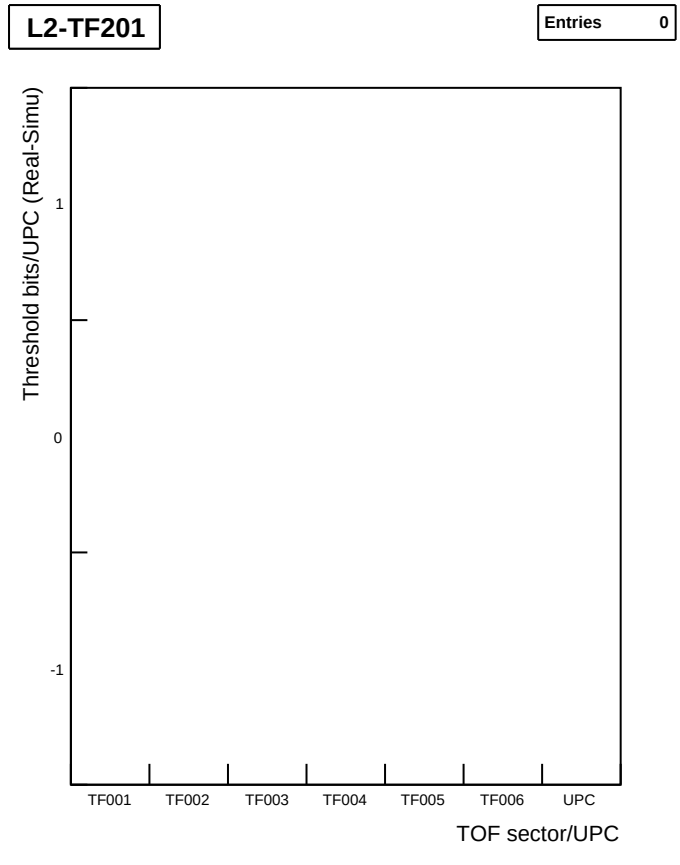

MIX-TF101
Entries 4898022
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

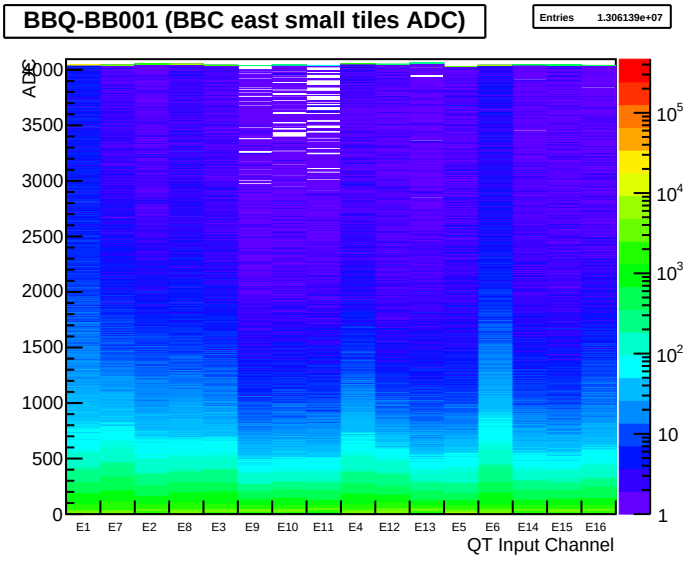

MIX-TF101
Entries 564525
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

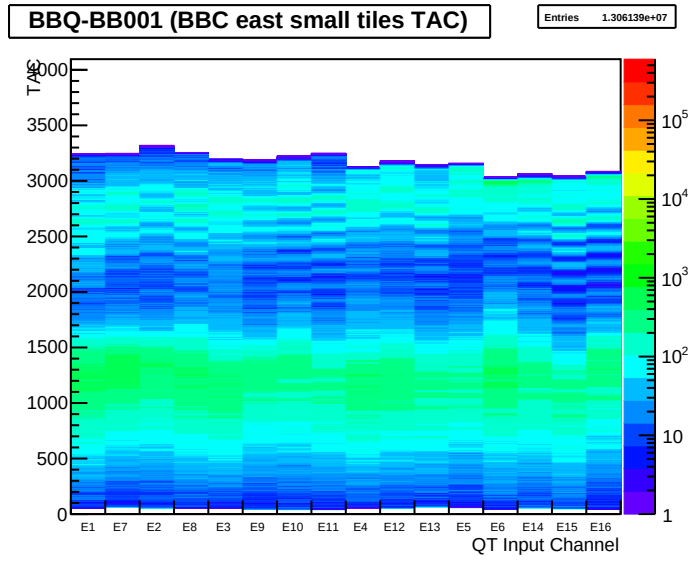

L2-TF201
Entries 816337
TOF total mult

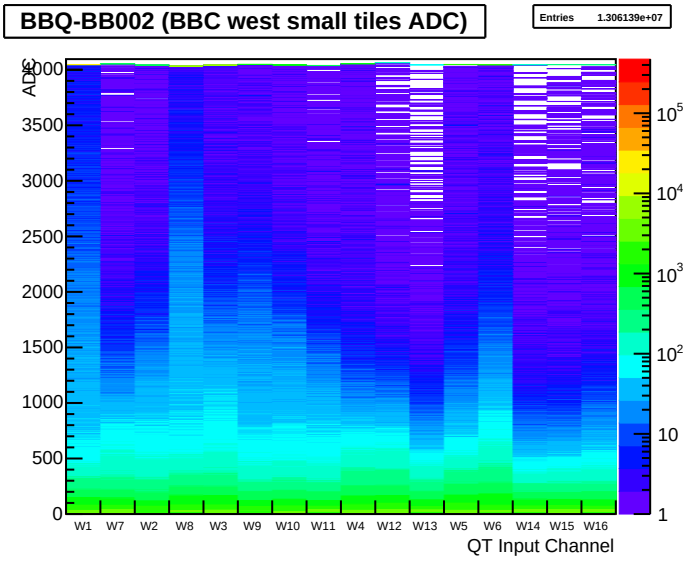

L2-TF201
Entries 0
TOF total mult(Real-Simu)

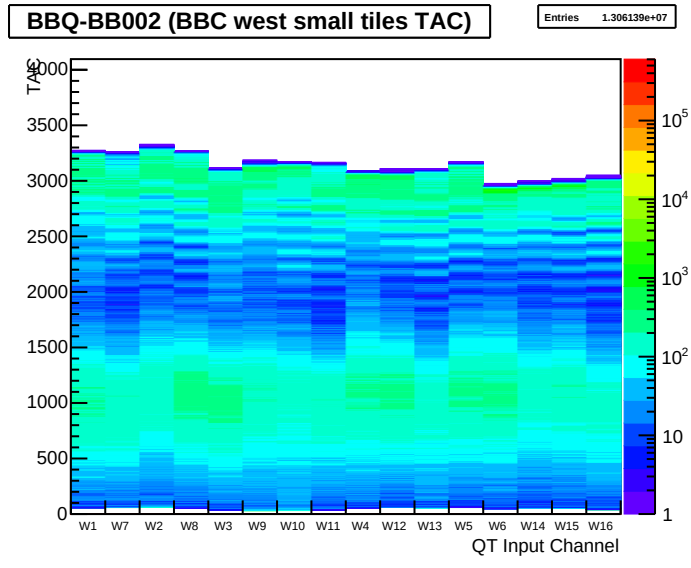

L2-TF201
Entries 5714359
Threshold/UPC bits
707438
715702
709526
720089
711897
704398
779153
108899
100635
106811
96248
104440
111939
37184
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

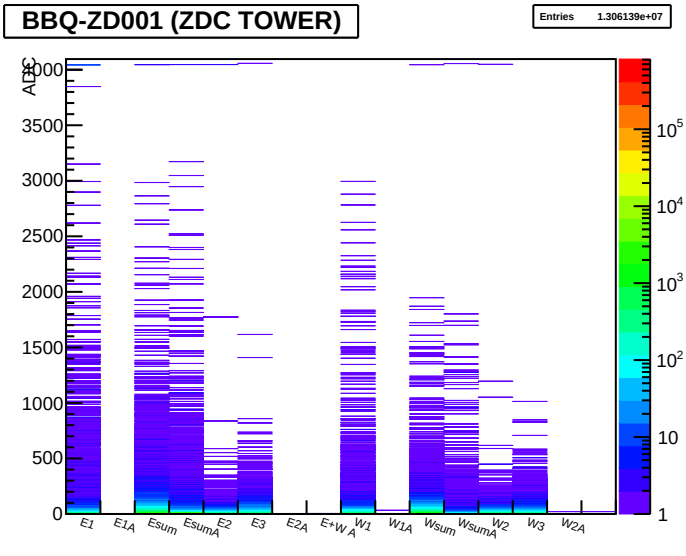

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

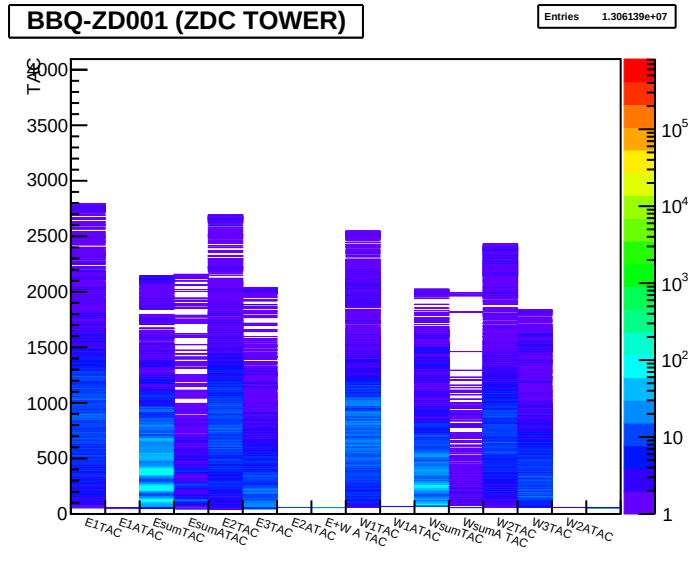

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.306139e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

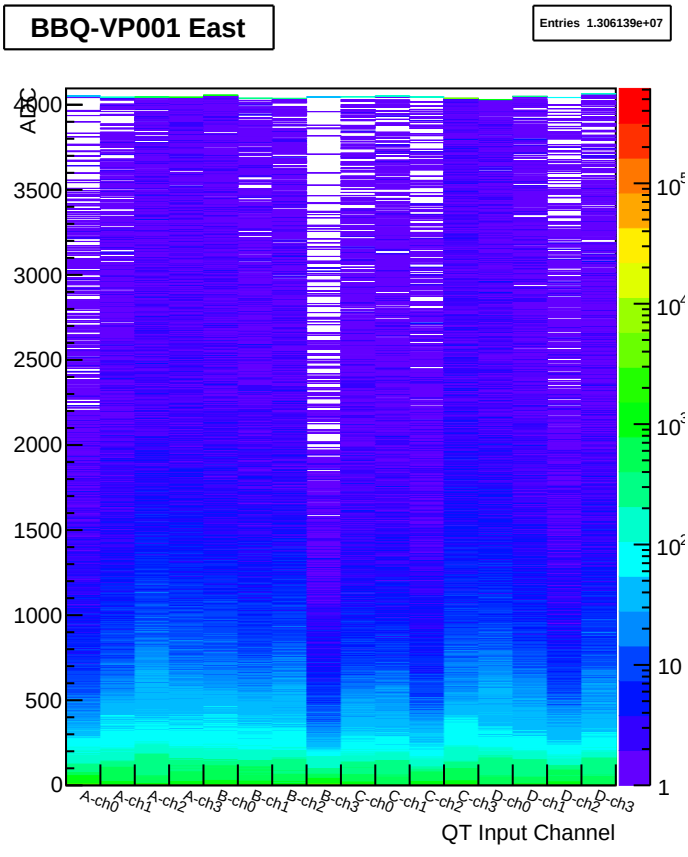

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.306139e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

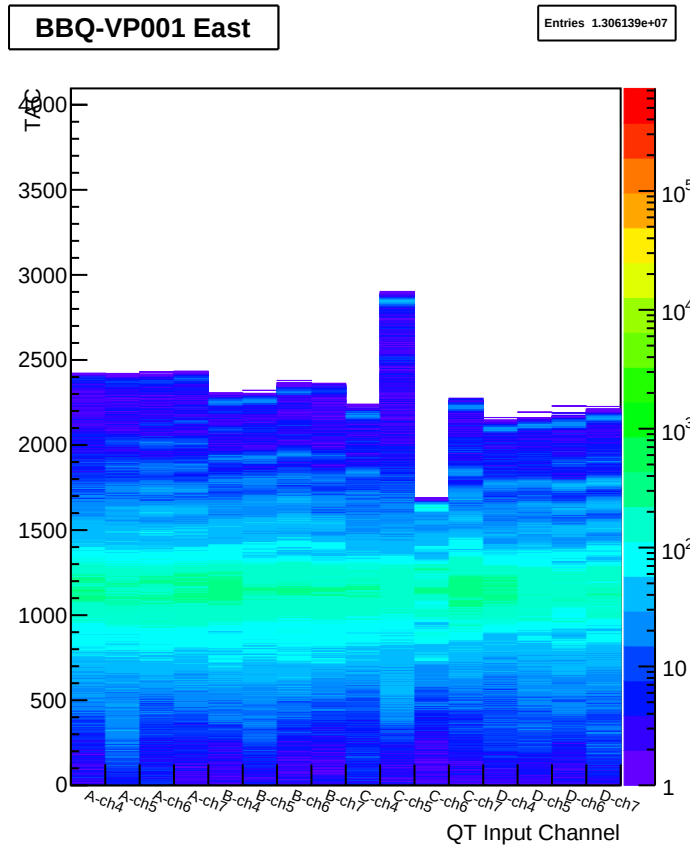

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.306139e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

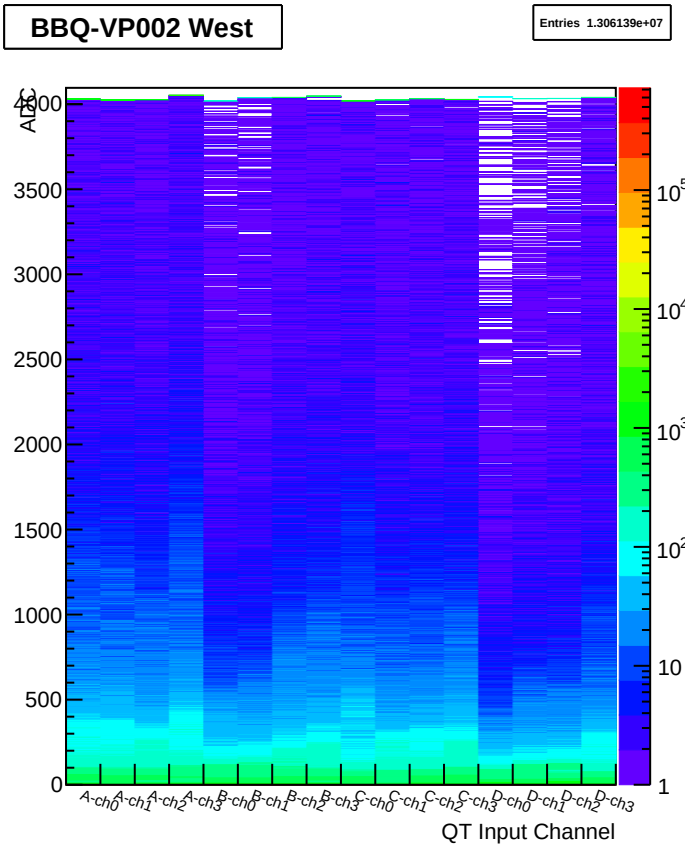

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.306139e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

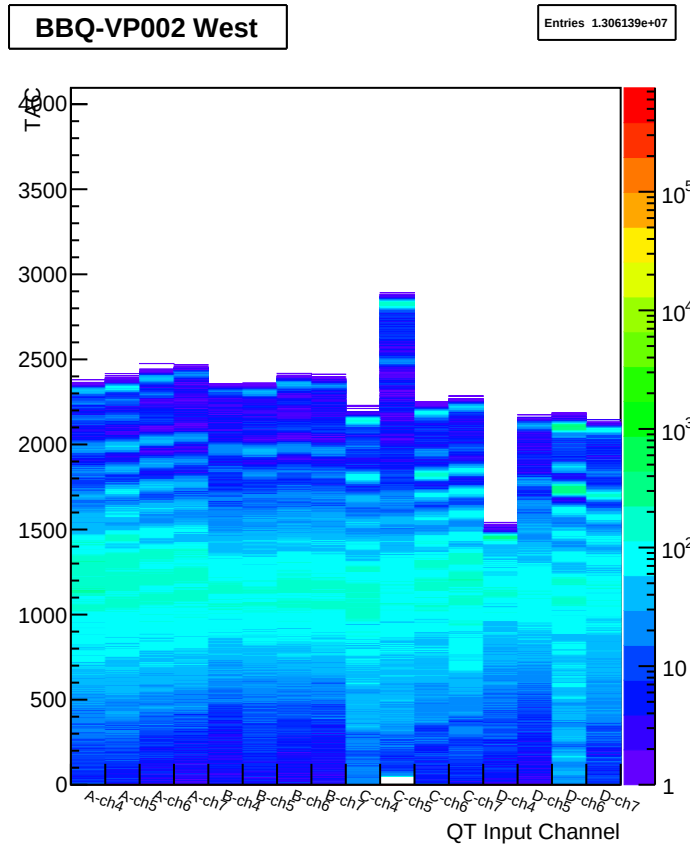

BBQ-ZD001 (ZDC TOWER)
Entries 1.306139e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

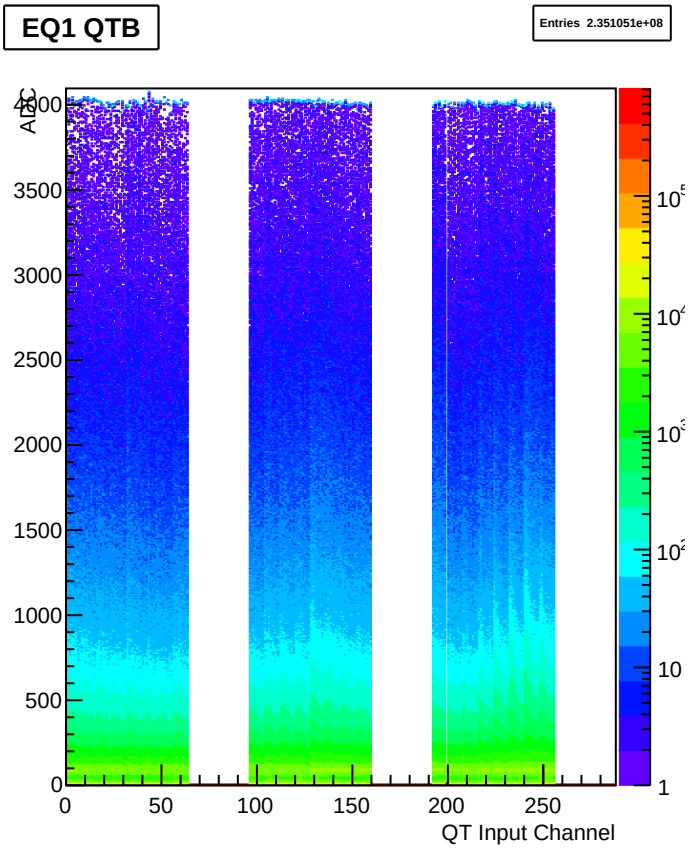

BBQ-ZD001 (ZDC TOWER)
Entries 1.306139e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

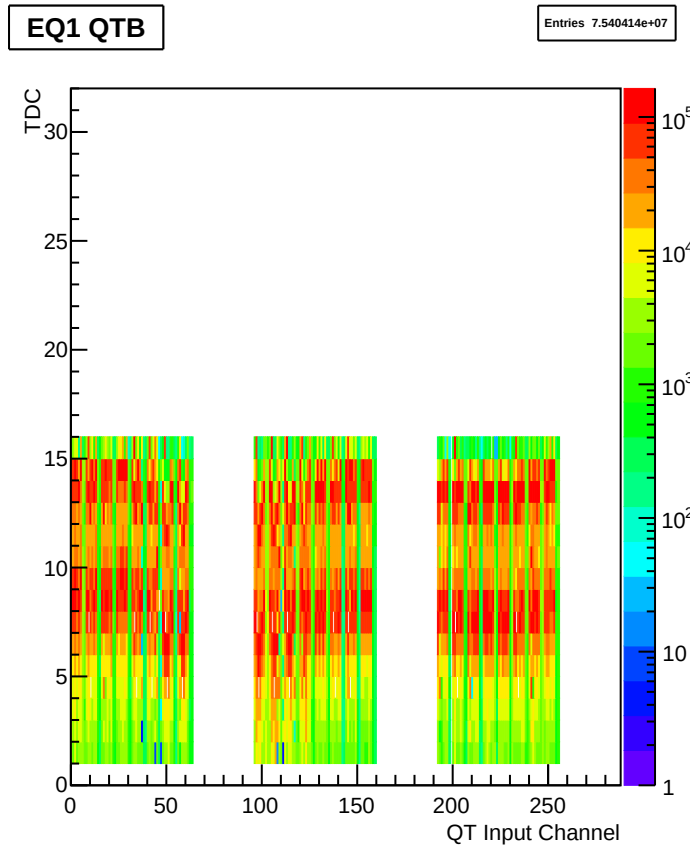

BBQ-VP001 East
Entries 1.306139e+07
ADC
QT Input Channel

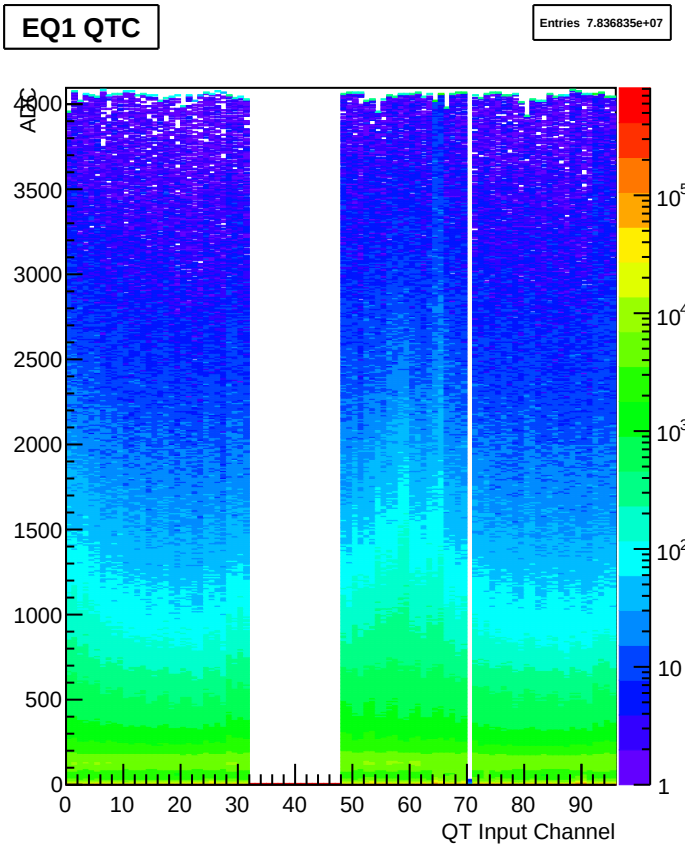

BBQ-VP001 East
Entries 1.306139e+07
ADC
QT Input Channel

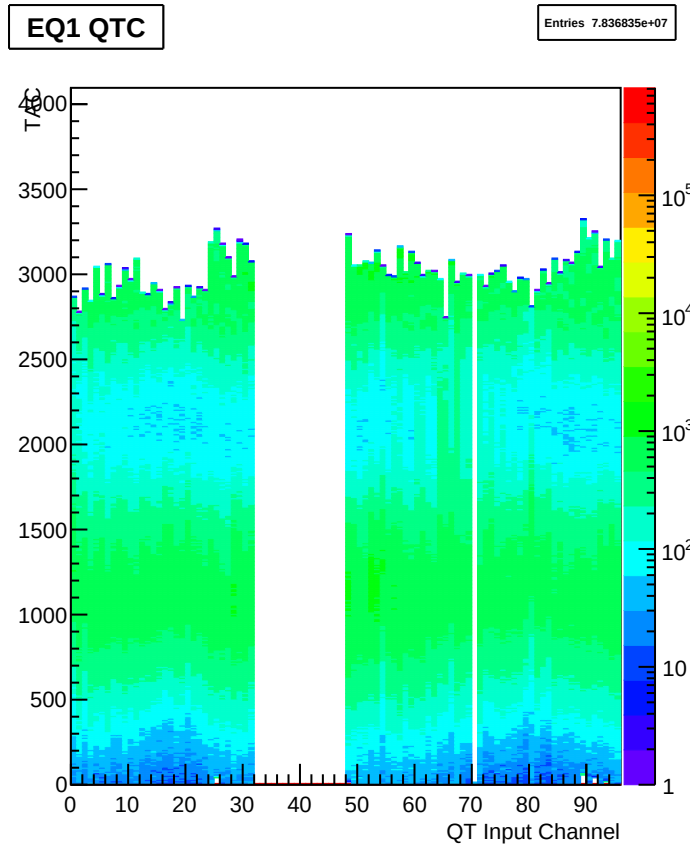

BBQ-VP002 West
Entries 1.306139e+07
ADC
QT Input Channel

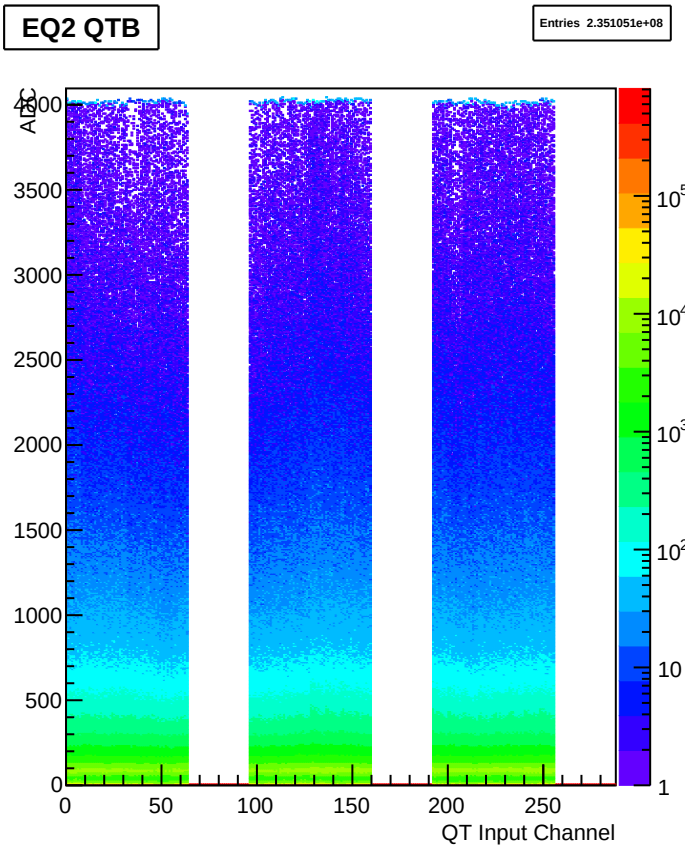

BBQ-VP002 West
Entries 1.306139e+07
ADC
QT Input Channel

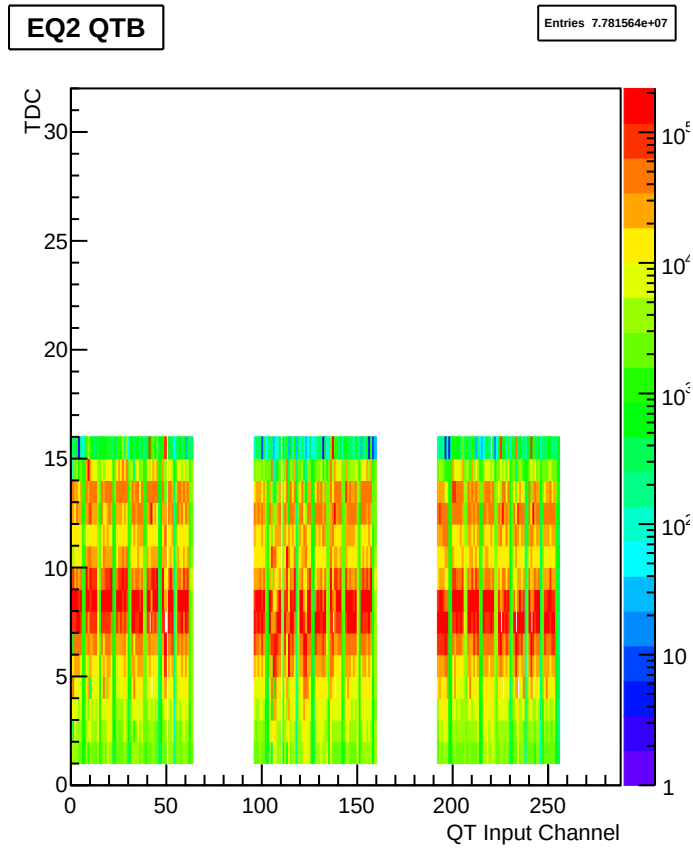

EQ1 QTB
Entries 2.351051e+08
ADC
QT Input Channel

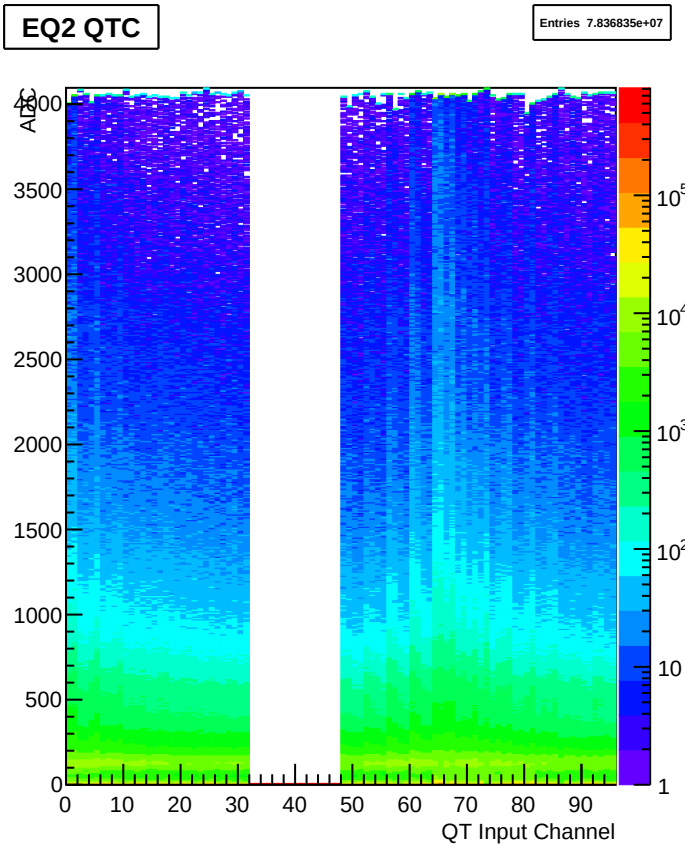

EQ1 QTB
Entries 7.540414e+07
TDC
QT Input Channel

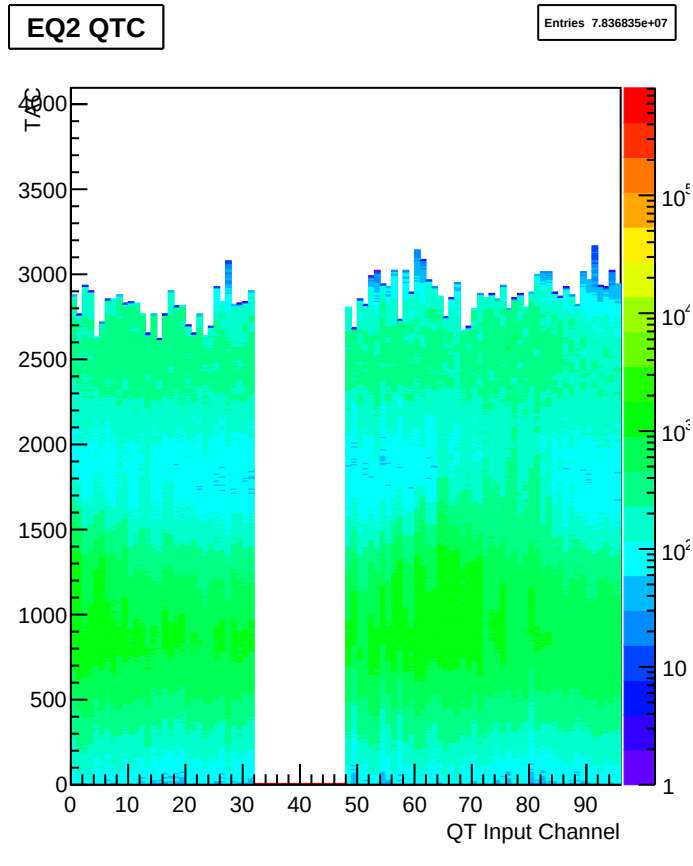

EQ1 QTC
Entries 7.836835e+07
ADC
QT Input Channel

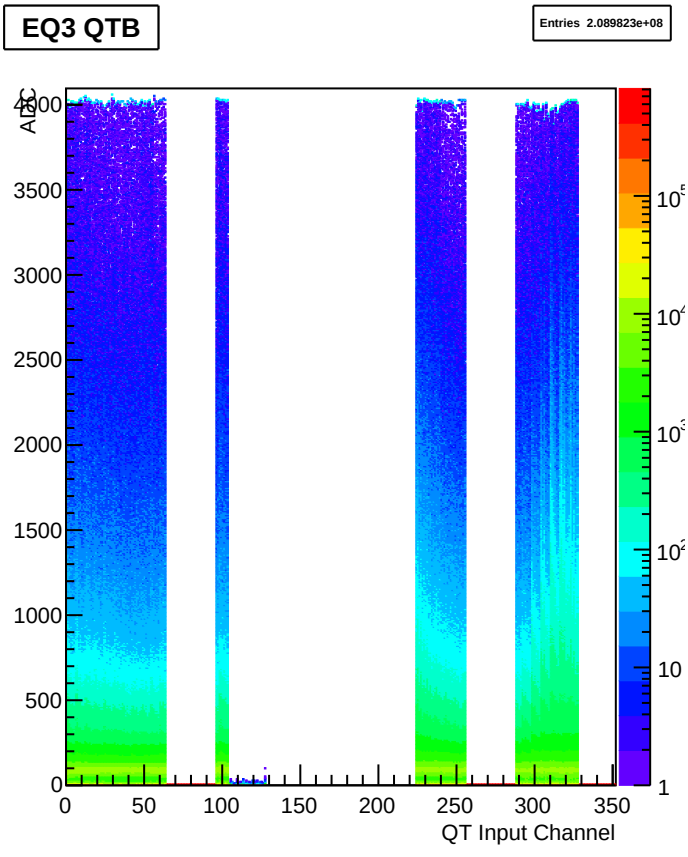

EQ1 QTC
Entries 7.836835e+07
TADC
QT Input Channel

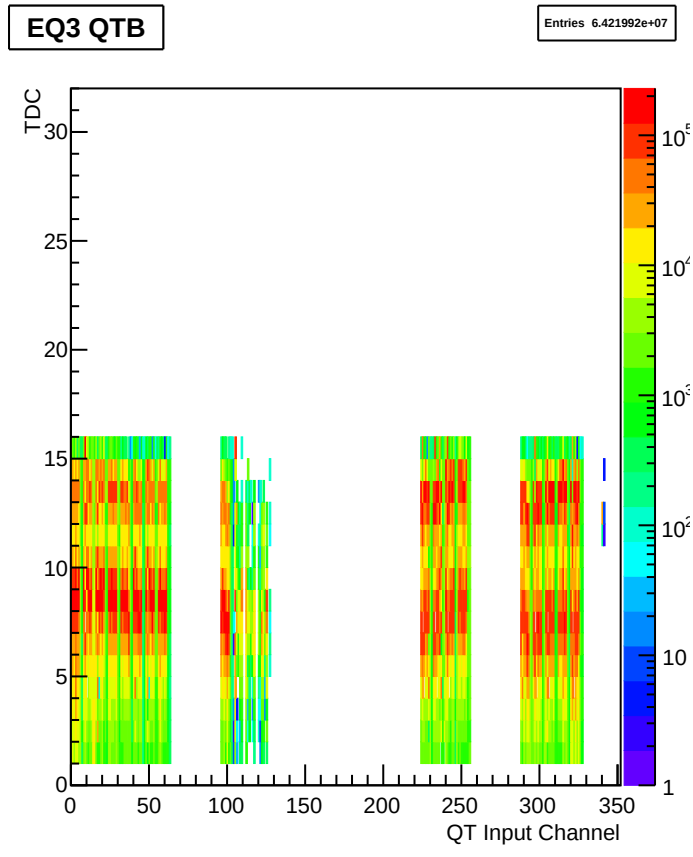

EQ2 QTB
Entries 2.351051e+08
ADC
QT Input Channel

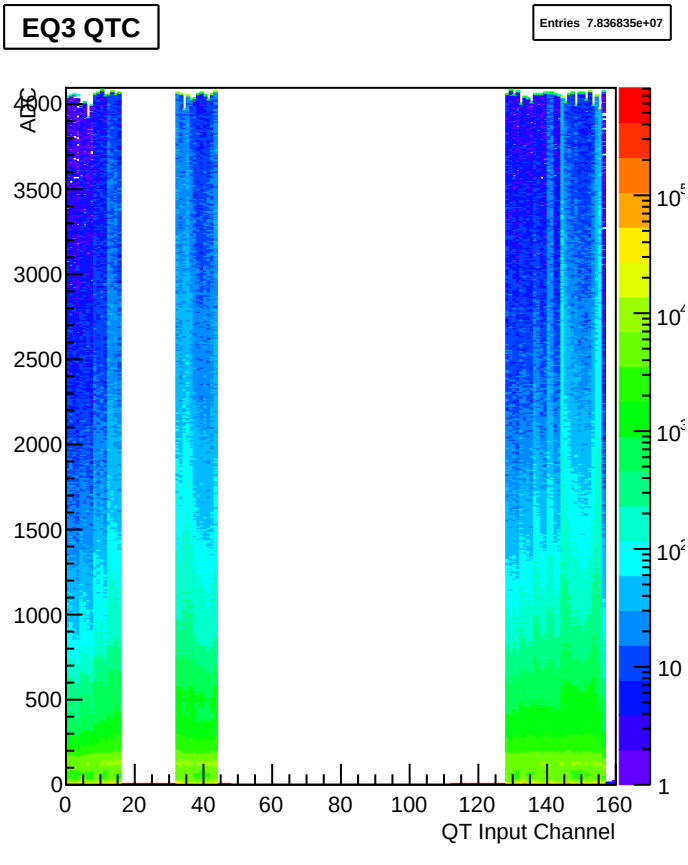

EQ2 QTB
Entries 7.781564e+07
TDC
QT Input Channel

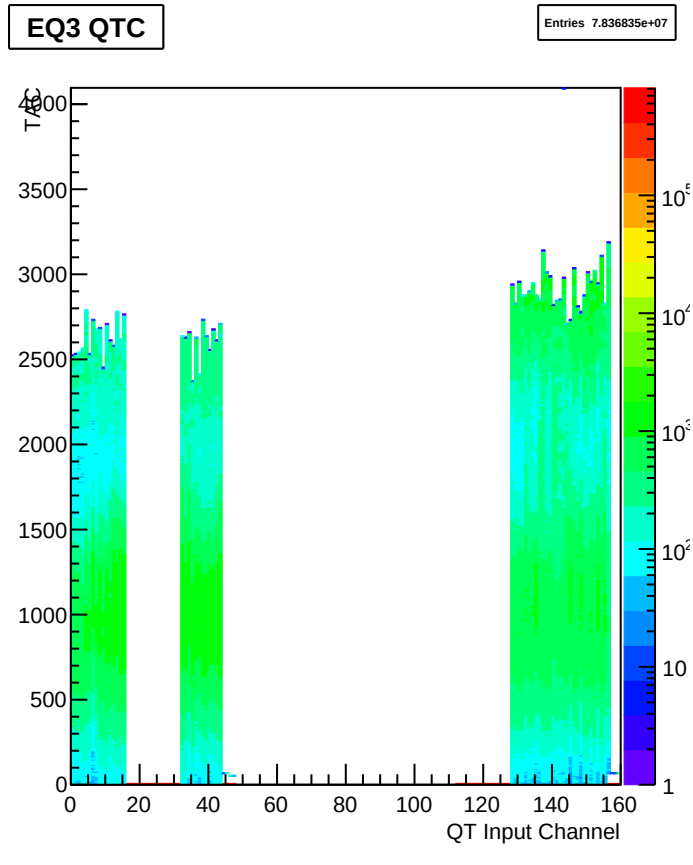

EQ2 QTC
Entries 7.836835e+07
ADC
QT Input Channel

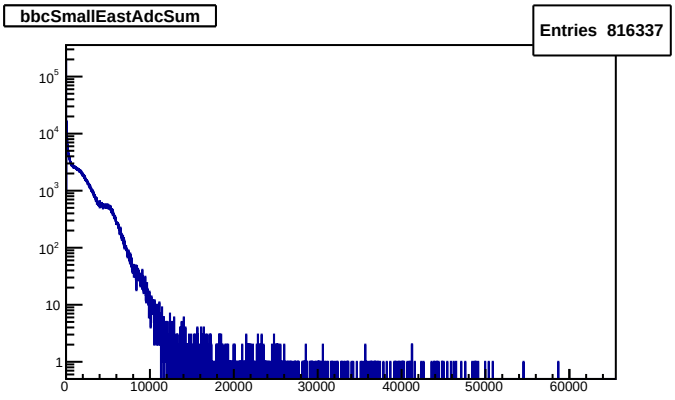

EQ2 QTC
Entries 7.836835e+07
TADC
QT Input Channel

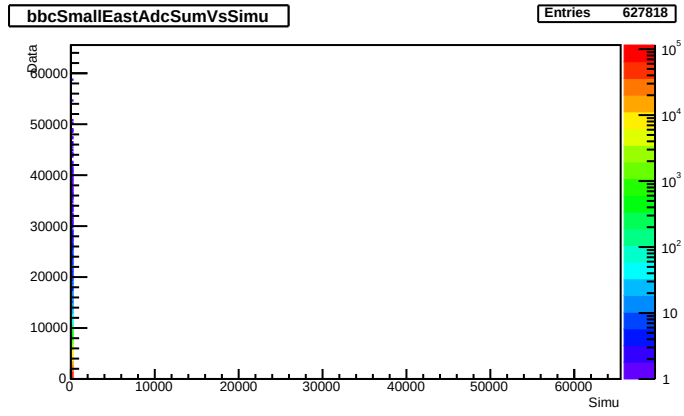

EQ3 QTB
Entries 2.089823e+08
ADC
QT Input Channel

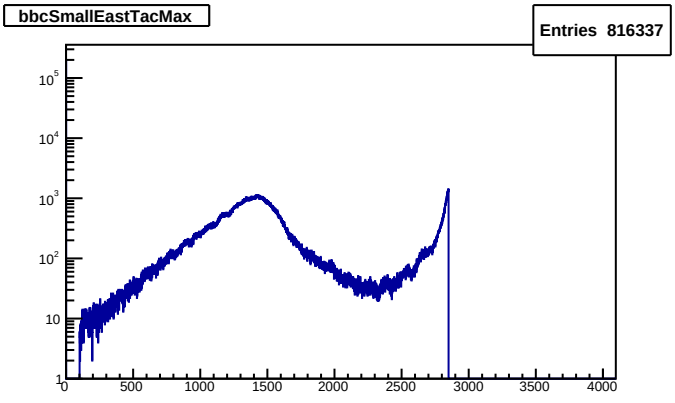

EQ3 QTB
Entries 6.421992e+07
TDC
QT Input Channel

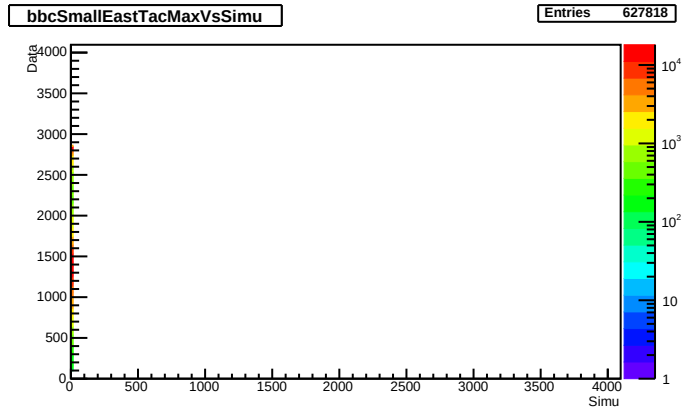

EQ3 QTC
Entries 7.836835e+07
ADC
QT Input Channel


EQ3 QTC
Entries 7.836835e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 816337


bbcSmallEastAdcSumVsSimu
Entries 627818
Data
Simu


bbcSmallEastTacMax
Entries 816337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Entries 627818
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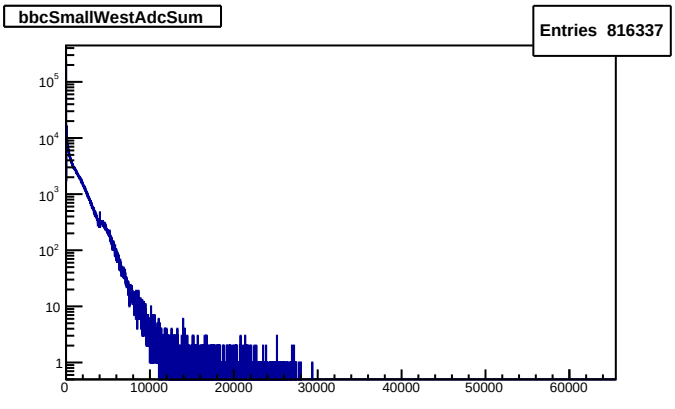
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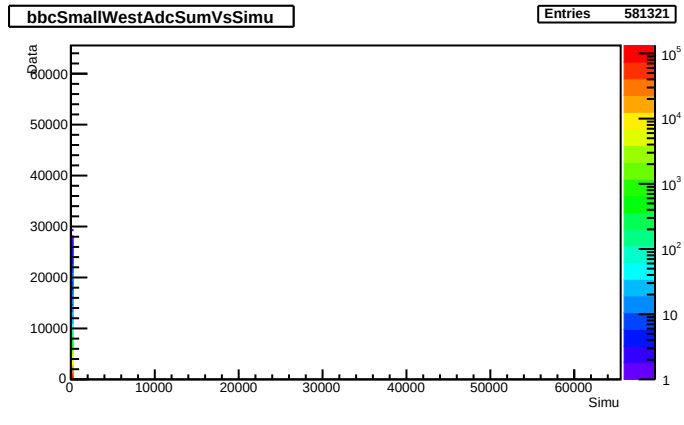
Entries 816337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Entries 581321
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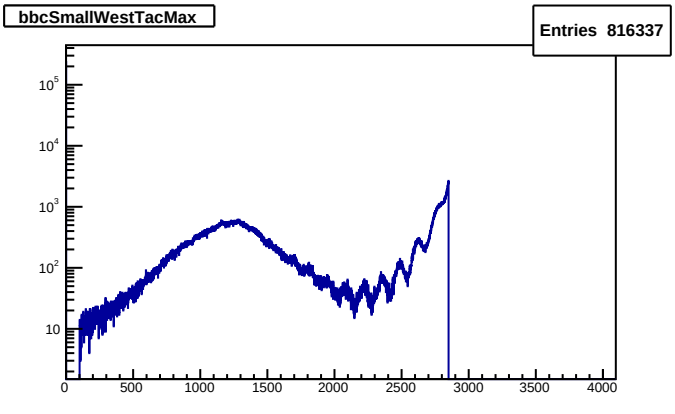
Simu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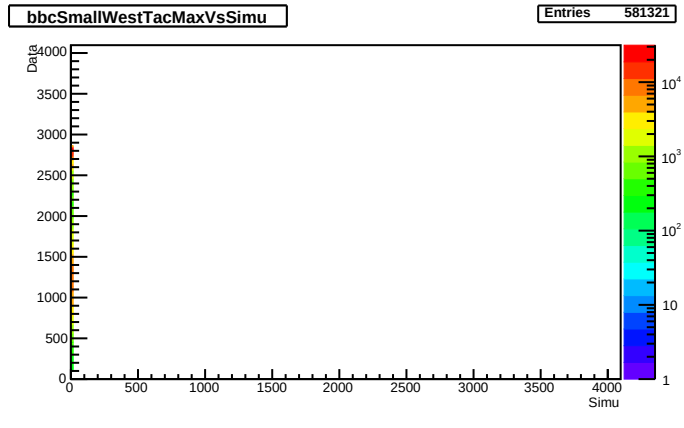
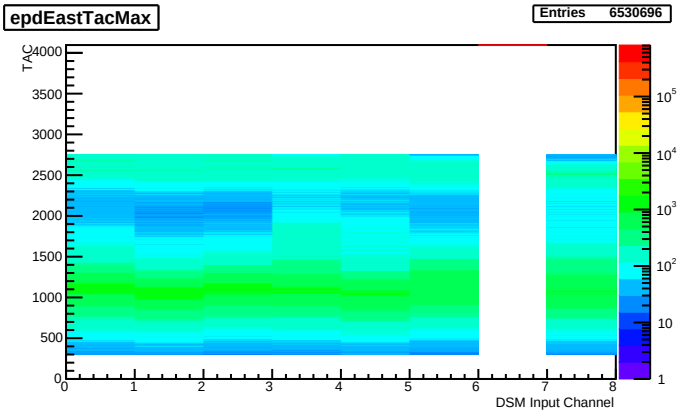
Entries 816337


bbcSmallWestTacMaxVsSimu
Entries 581321
Data
Simu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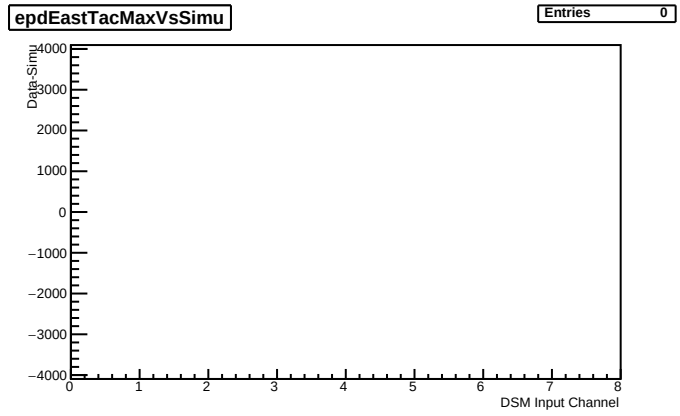
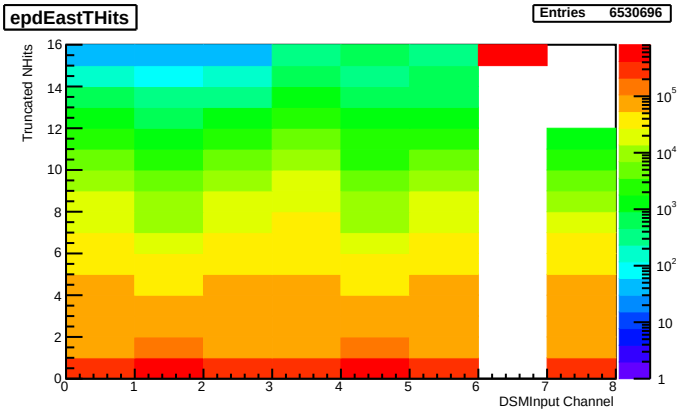
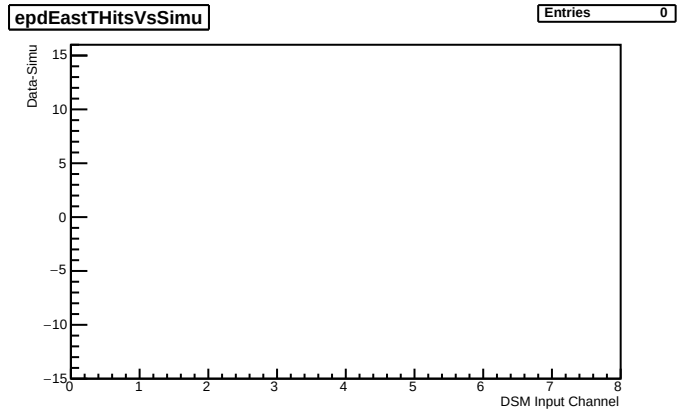
Entries 6530696
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 6530696
Truncated NHits
DSMInput Channel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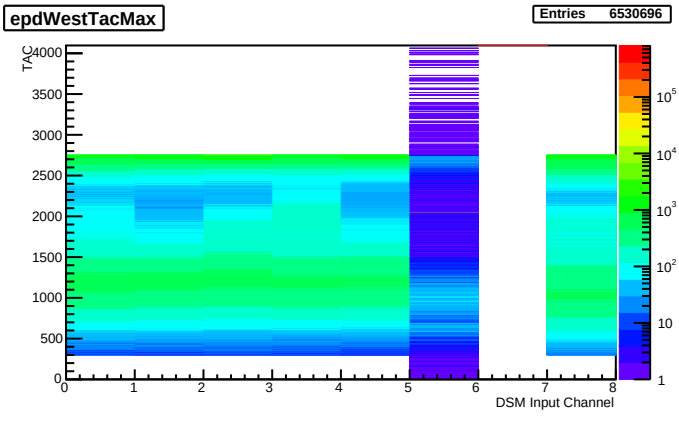
Data-Simu
DSM Input Channel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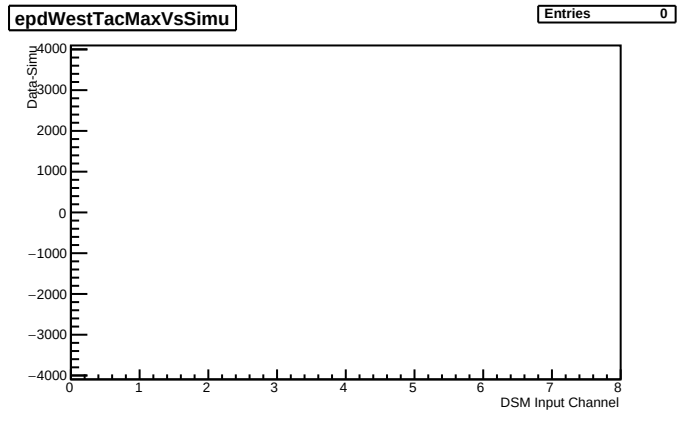
TAC
DSM Input Channel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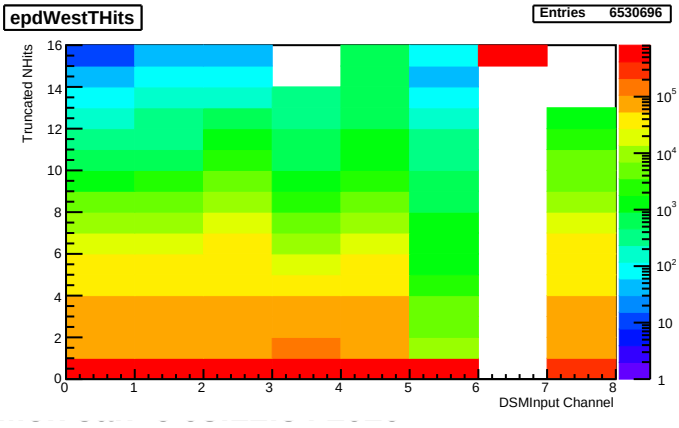
DSM Input Channel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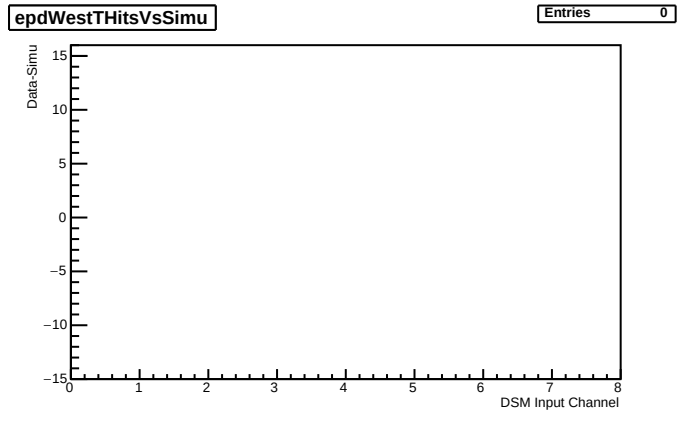
Entries 6530696
Truncated NHits
DSMInput Channel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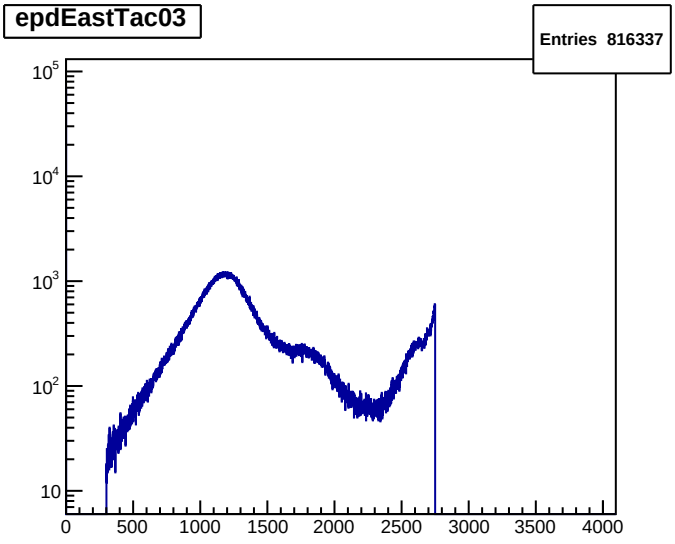
Entries 0
Data-Simu
DSM Input Channel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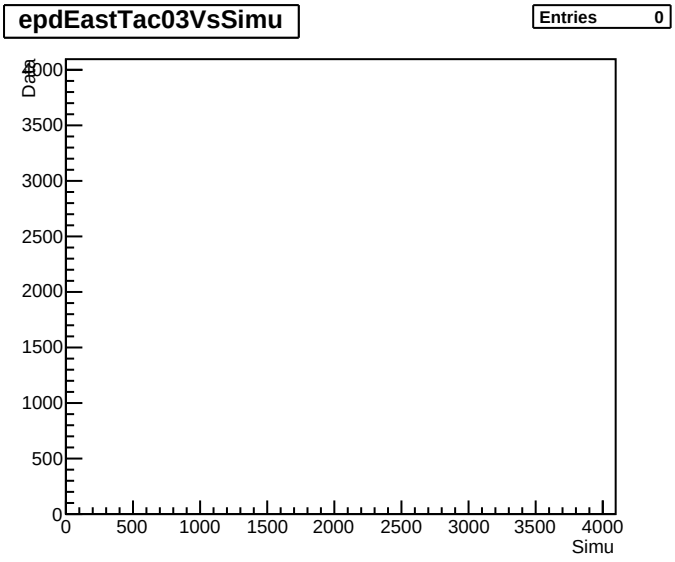
Entries 816337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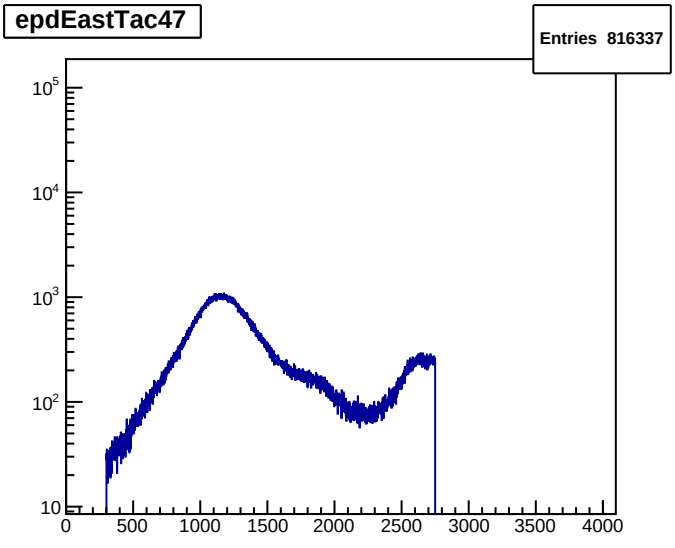
Entries 0
Data
Simu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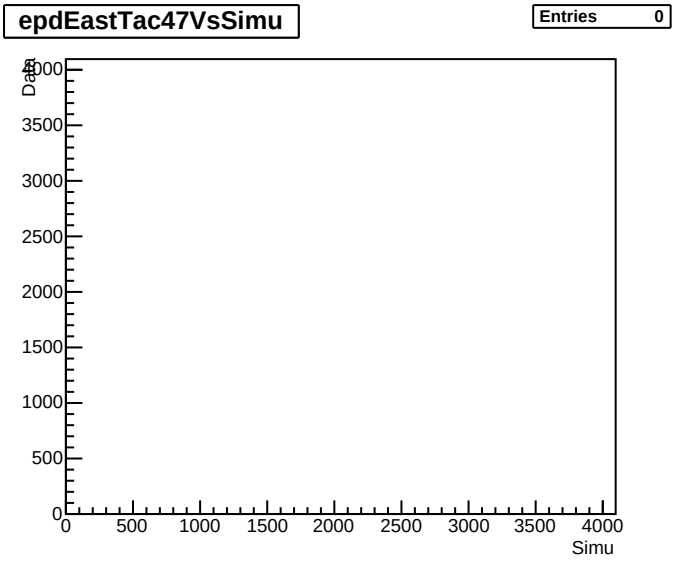
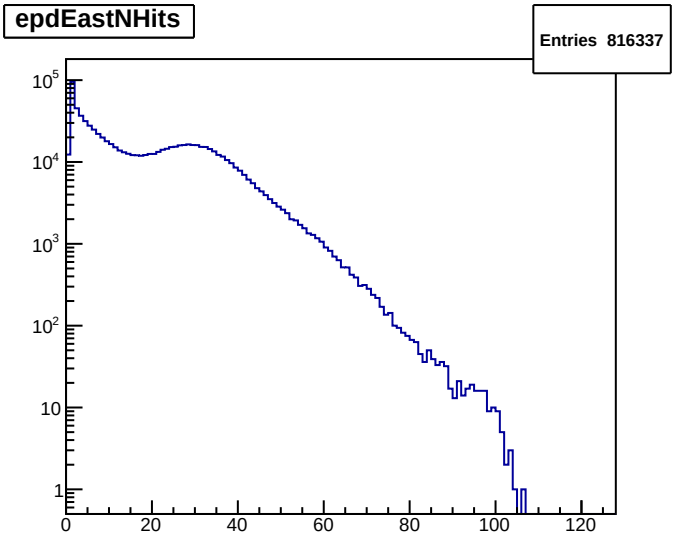
Entries 816337


epdEastTac47VsSimu
Entries 0
Data
Simu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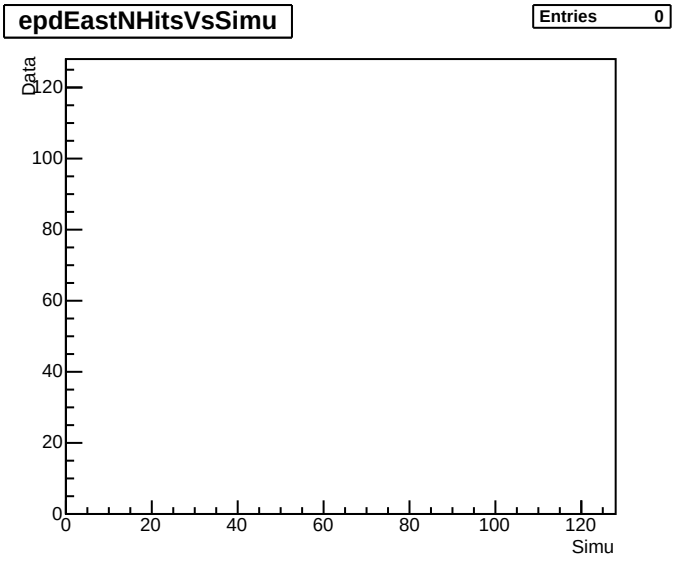
Entries 816337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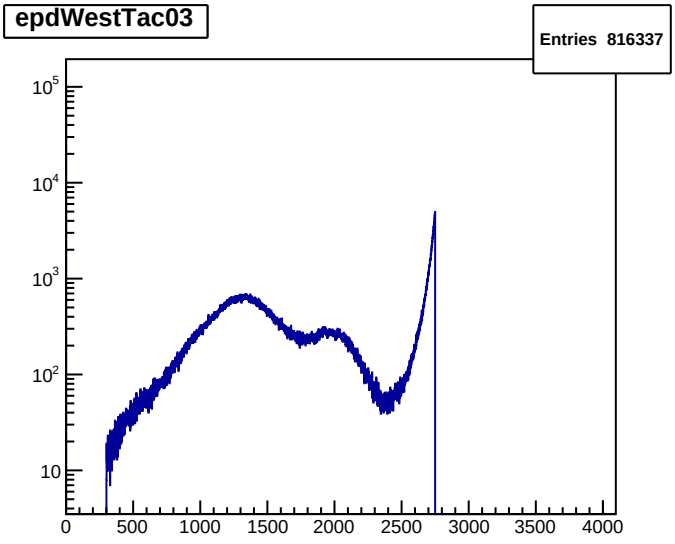
Entries 0
Data
Simu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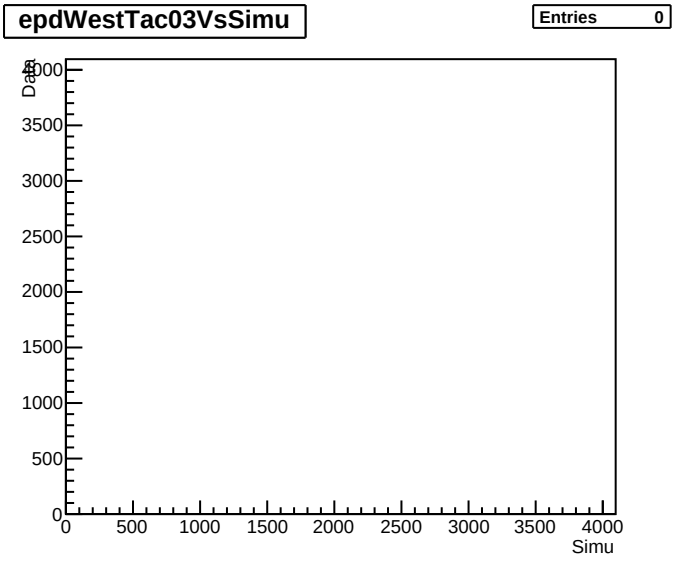
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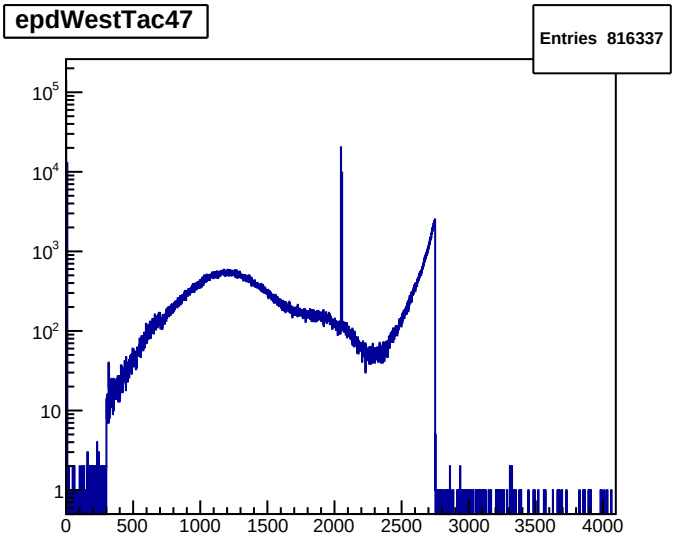
Entries 0
Data
Simu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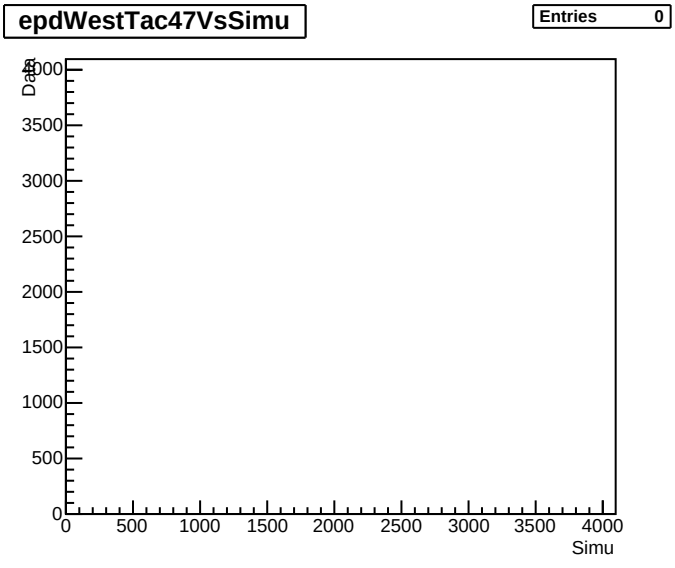
Entries 816337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Entries 0
Data
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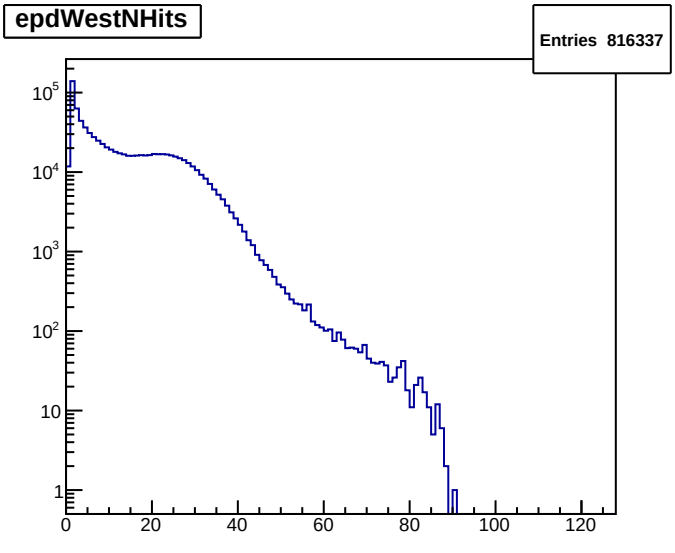
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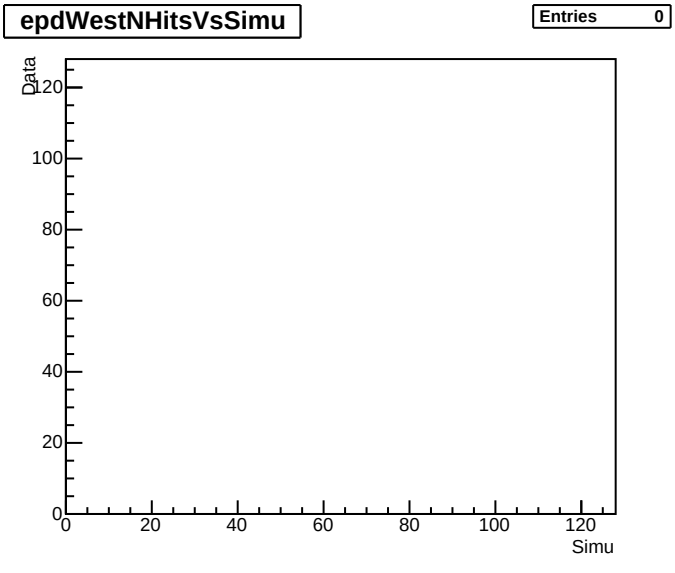
Entries 816337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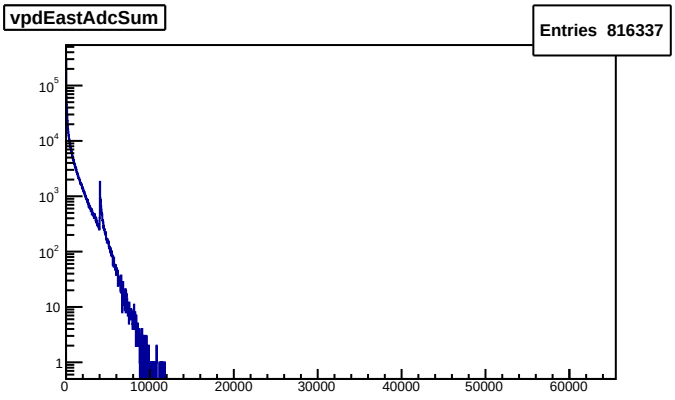
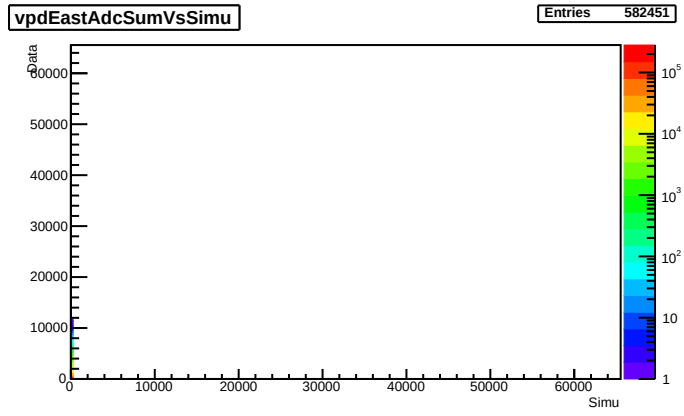
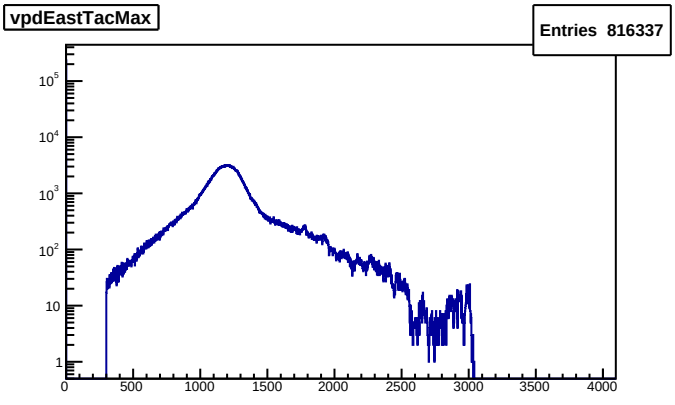
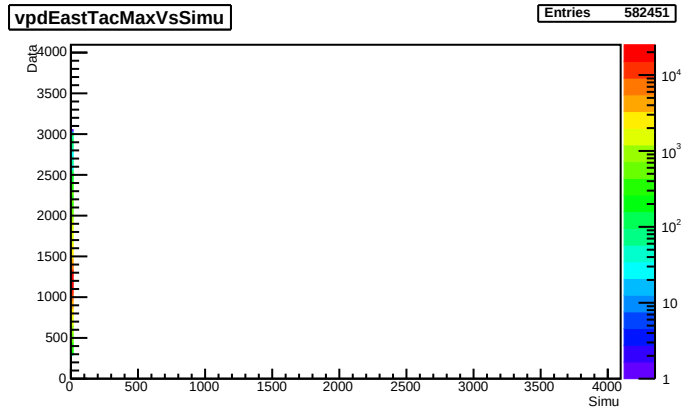
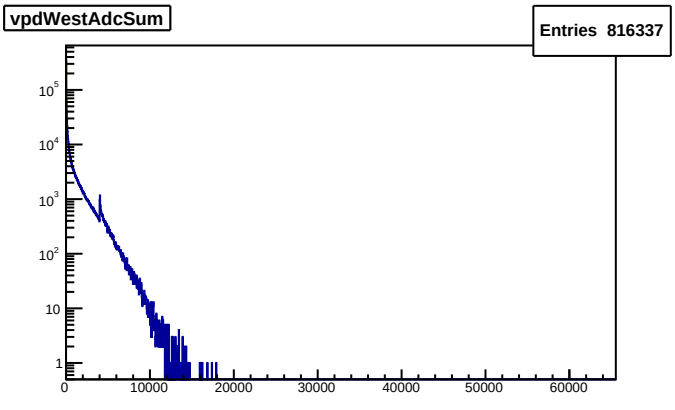
Entries 0
Data
Simu

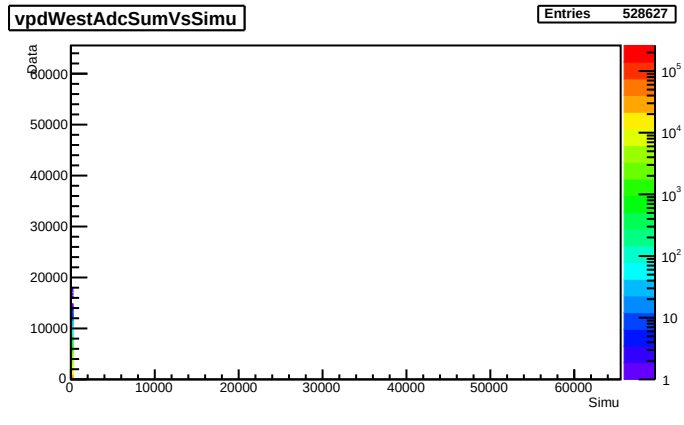

vpdEastAdcSum
Entries 816337

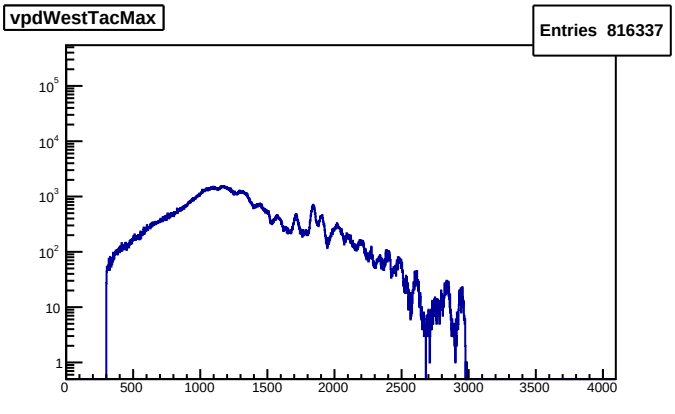

vpdEastAdcSumVsSimu
Entries 582451
Data
Simu

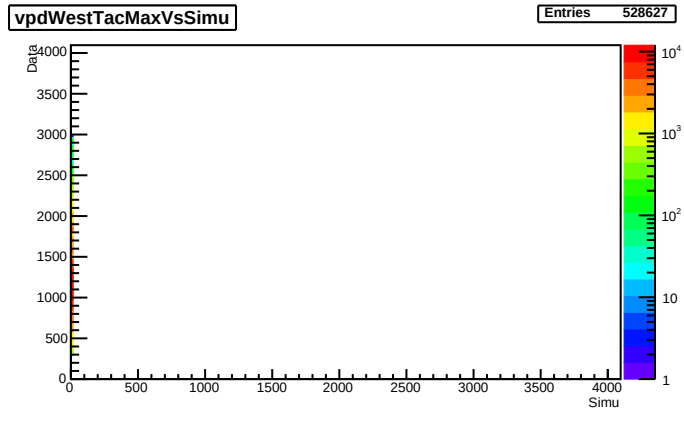

vpdEastTacMax
Entries 816337

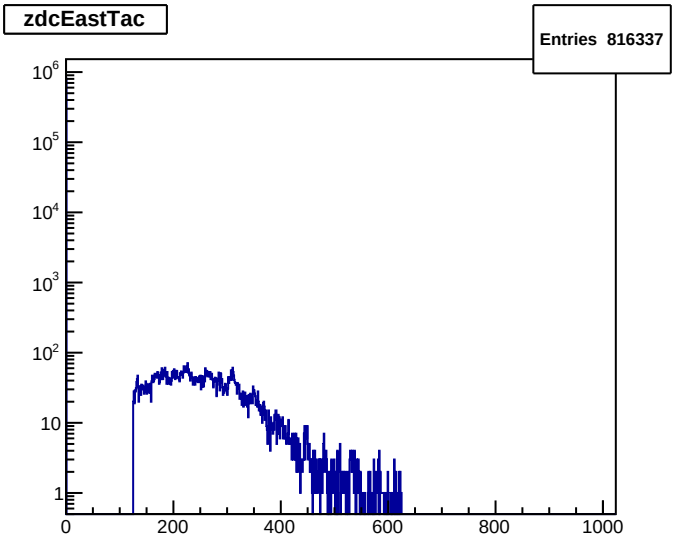

vpdEastTacMaxVsSimu
Entries 582451
Data
Simu

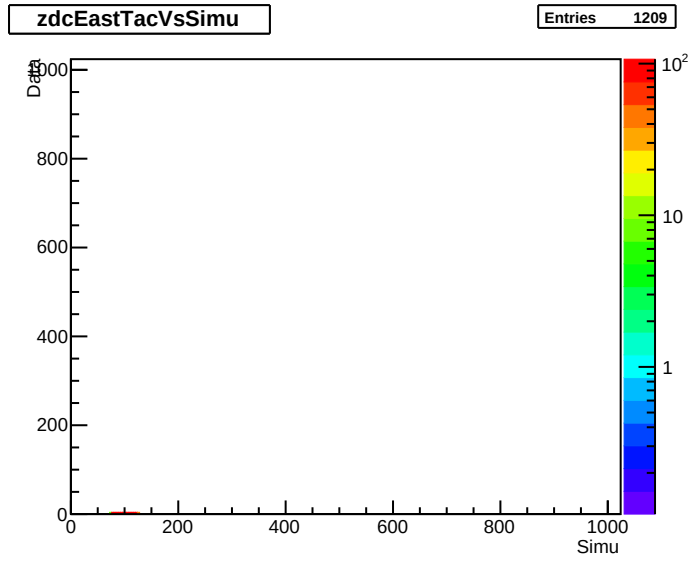

vpdWestAdcSum
Entries 816337

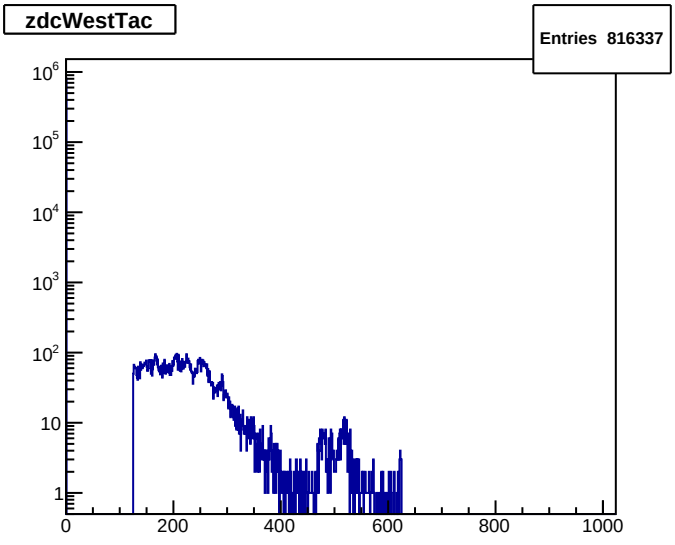

vpdWestAdcSumVsSimu
Entries 528627
Data
Simu

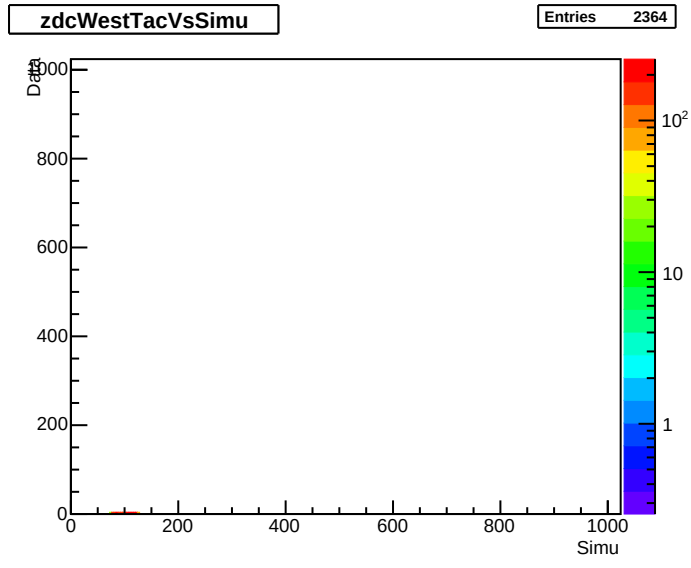

vpdWestTacMax
Entries 816337

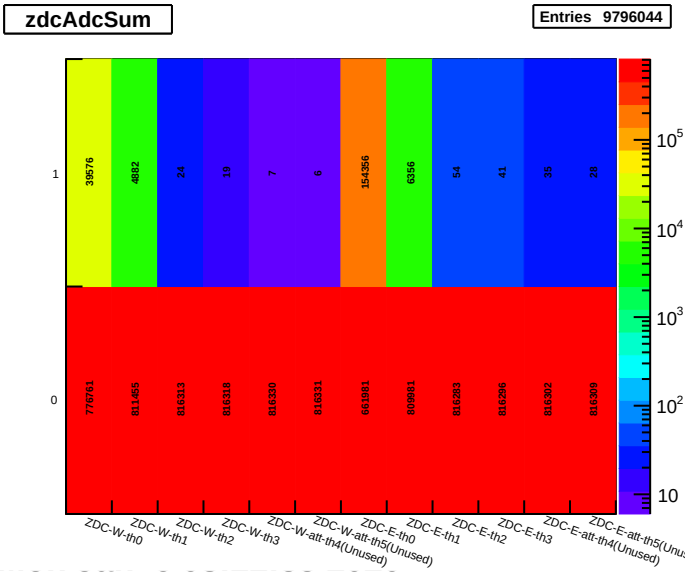

vpdWestTacMaxVsSimu
Entries 528627
Data
Simu

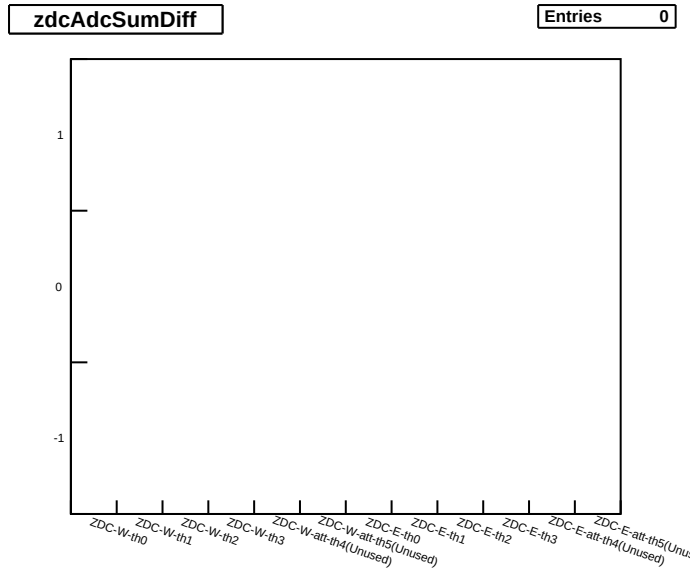

zdcEastTac
Entries 816337

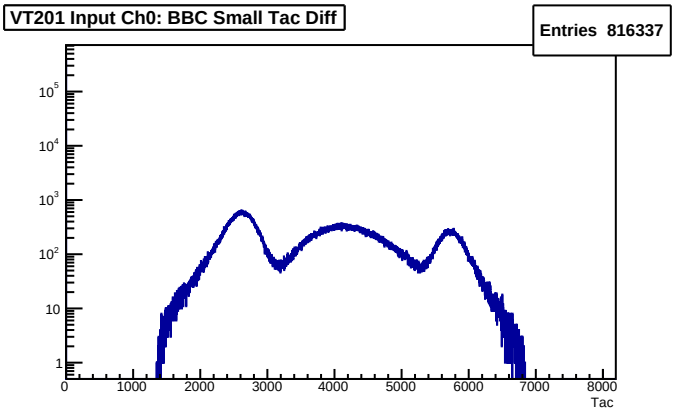

zdcEastTacVsSimu
Entries 1209
Data
Simu

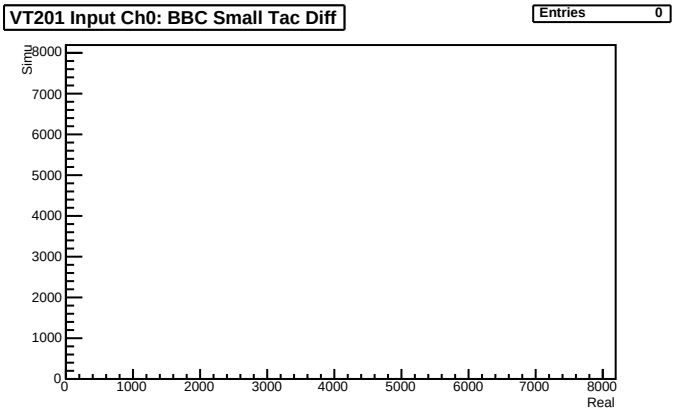

zdcWestTac
Entries 816337

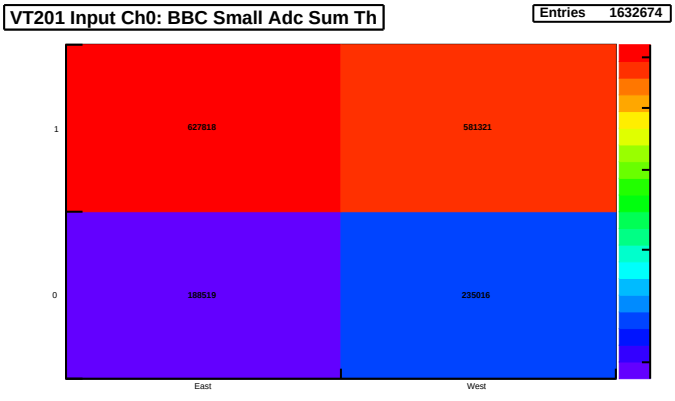

zdcWestTacVsSimu
Entries 2364
Data
Simu

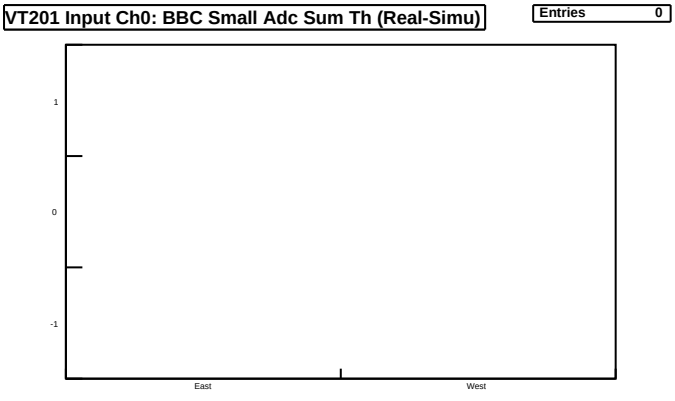

zdcAdcSum
Entries 9796044
39576
4882
24
19
7
6
154356
6356
54
41
35
28
776761
811455
816313
816318
816330
816331
661981
809981
816283
816296
816302
816309
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

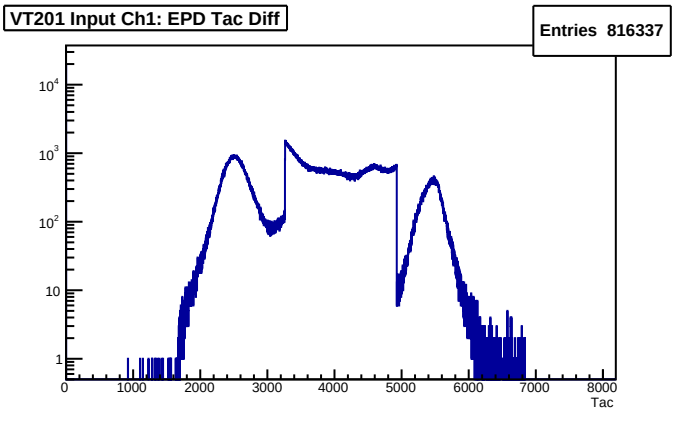

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

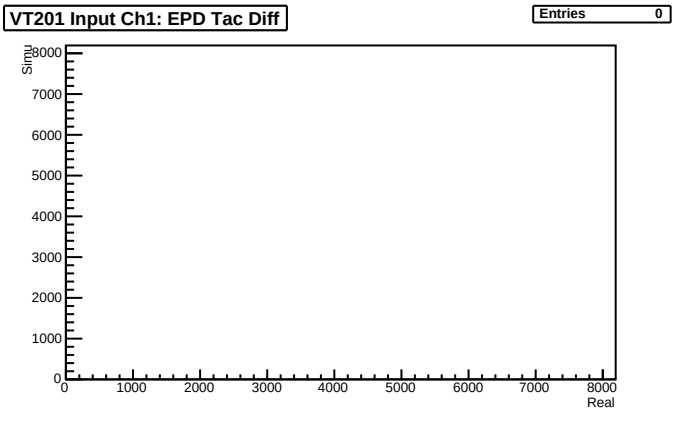

VT201 Input Ch0: BBC Small Tac Diff
Entries 816337
Tac

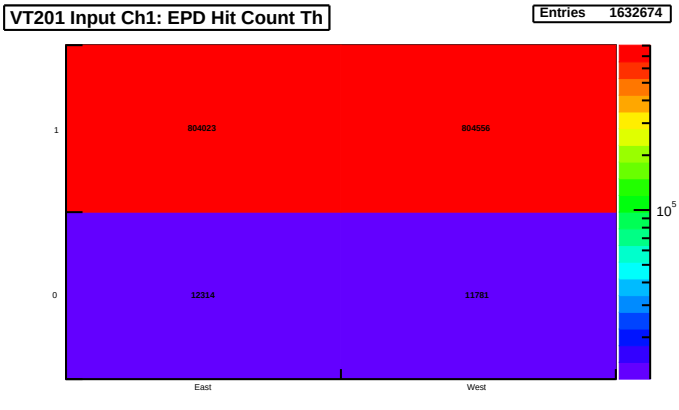

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

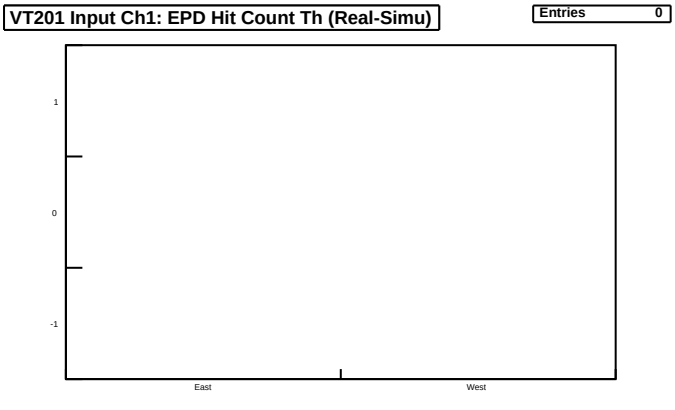

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1632674
627818
581321
188519
235016
East
West

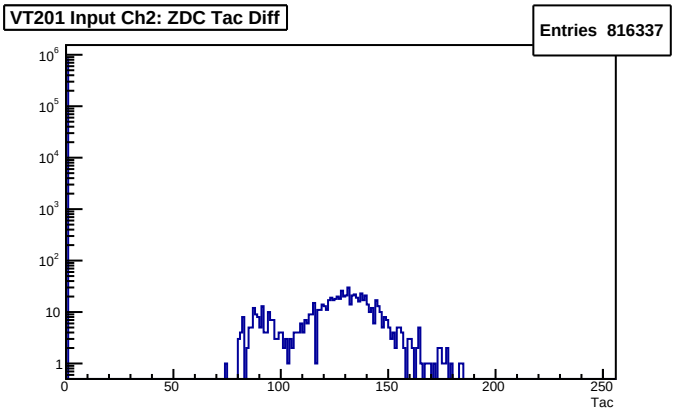

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

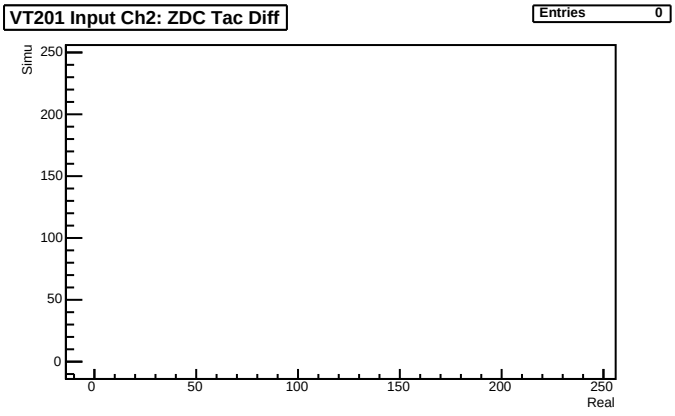

VT201 Input Ch1: EPD Tac Diff
Entries 816337
Tac

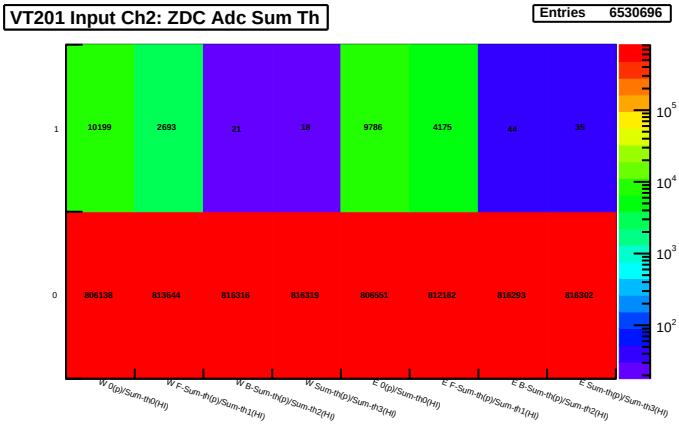

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

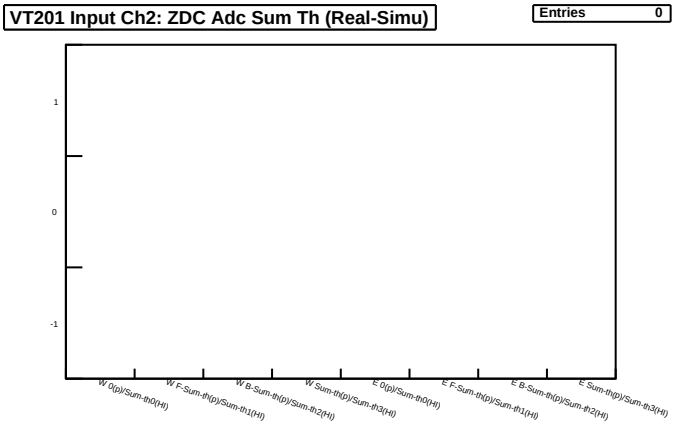

VT201 Input Ch1: EPD Hit Count Th
Entries 1632674
804023
804556
12314
11781
East
West

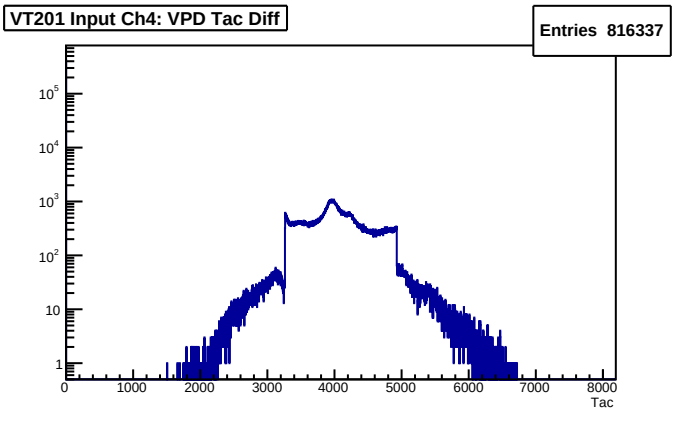

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

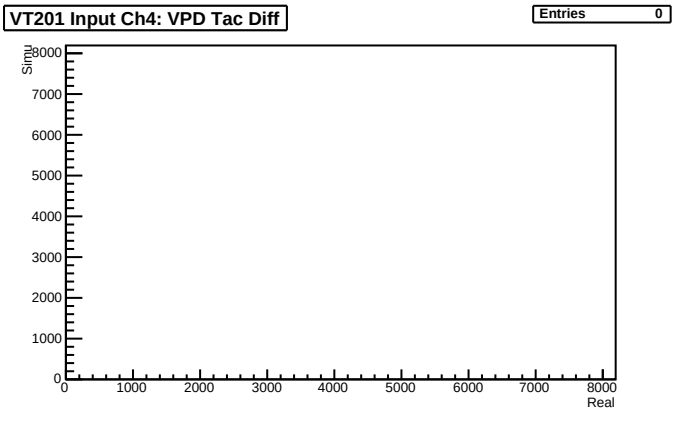

VT201 Input Ch2: ZDC Tac Diff
Entries 816337
Tac

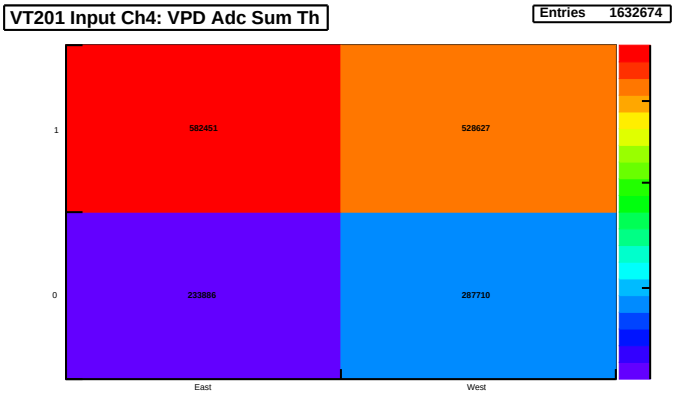

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

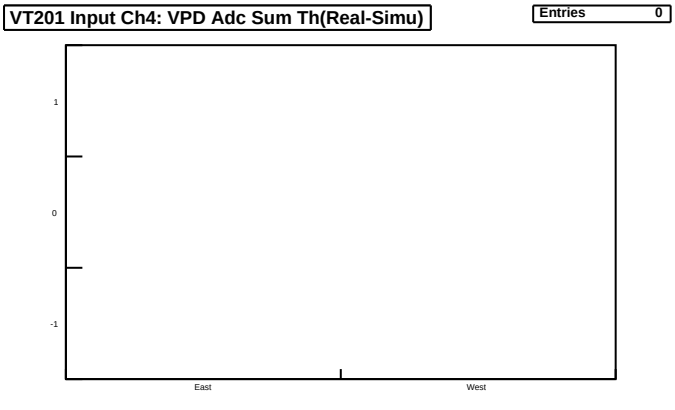

VT201 Input Ch2: ZDC Adc Sum Th
Entries 6530696
10199
2693
21
18
9786
4175
44
35
806138
813644
816316
816319
806551
812162
816293
816302
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

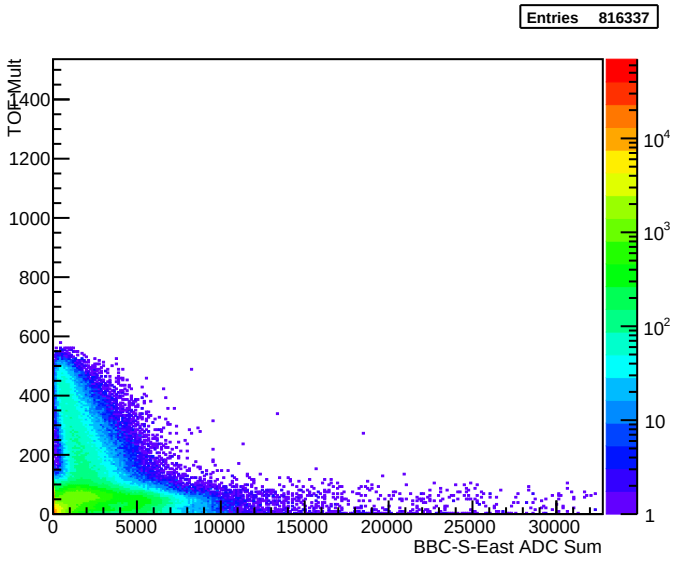

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

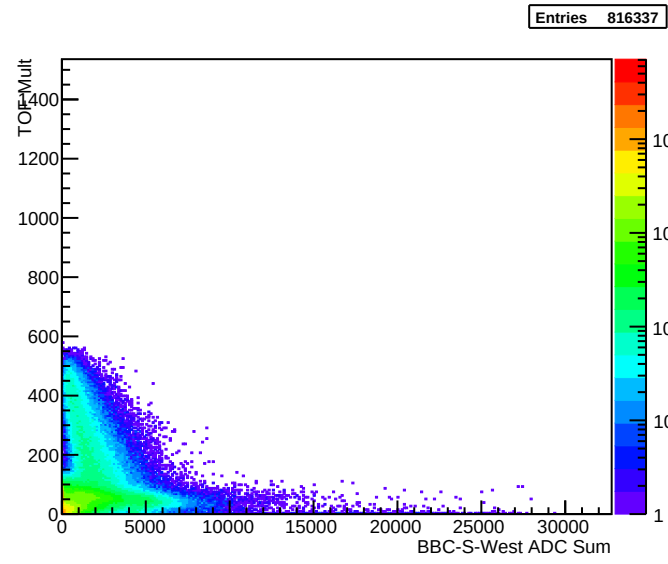

VT201 Input Ch4: VPD Tac Diff
Entries 816337
Tac

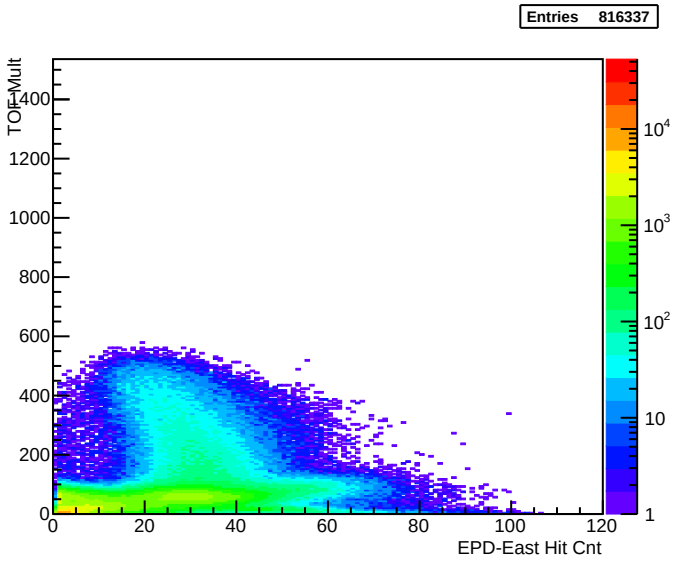

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

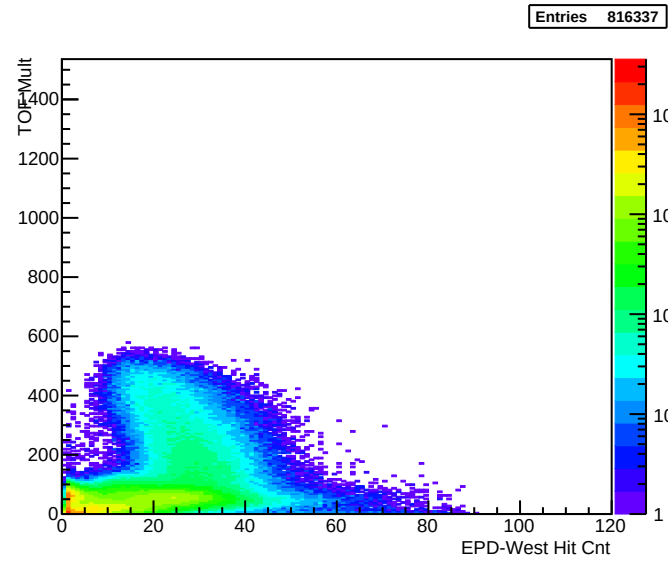

VT201 Input Ch4: VPD Adc Sum Th
Entries 1632674
582451
528627
233886
287710
East
West

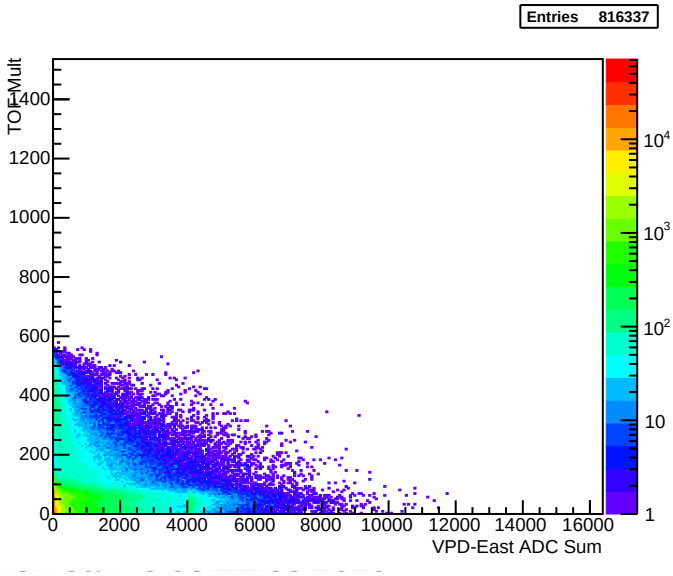

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

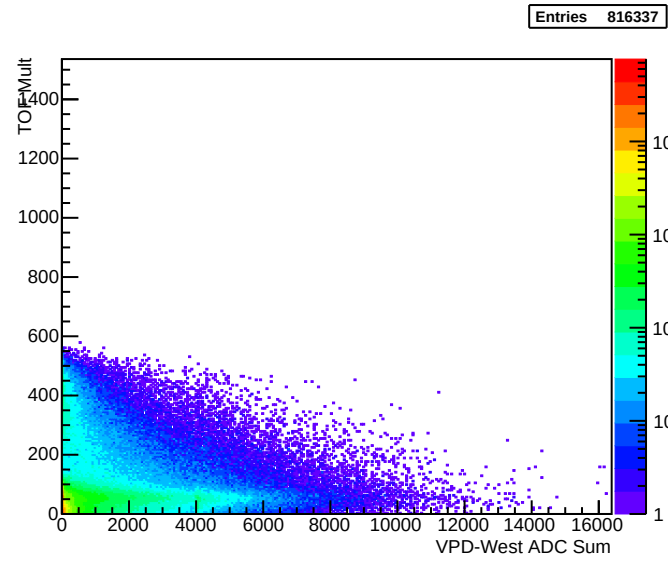

Entries 816337
TOF-Mult
BBC-S-East ADC Sum

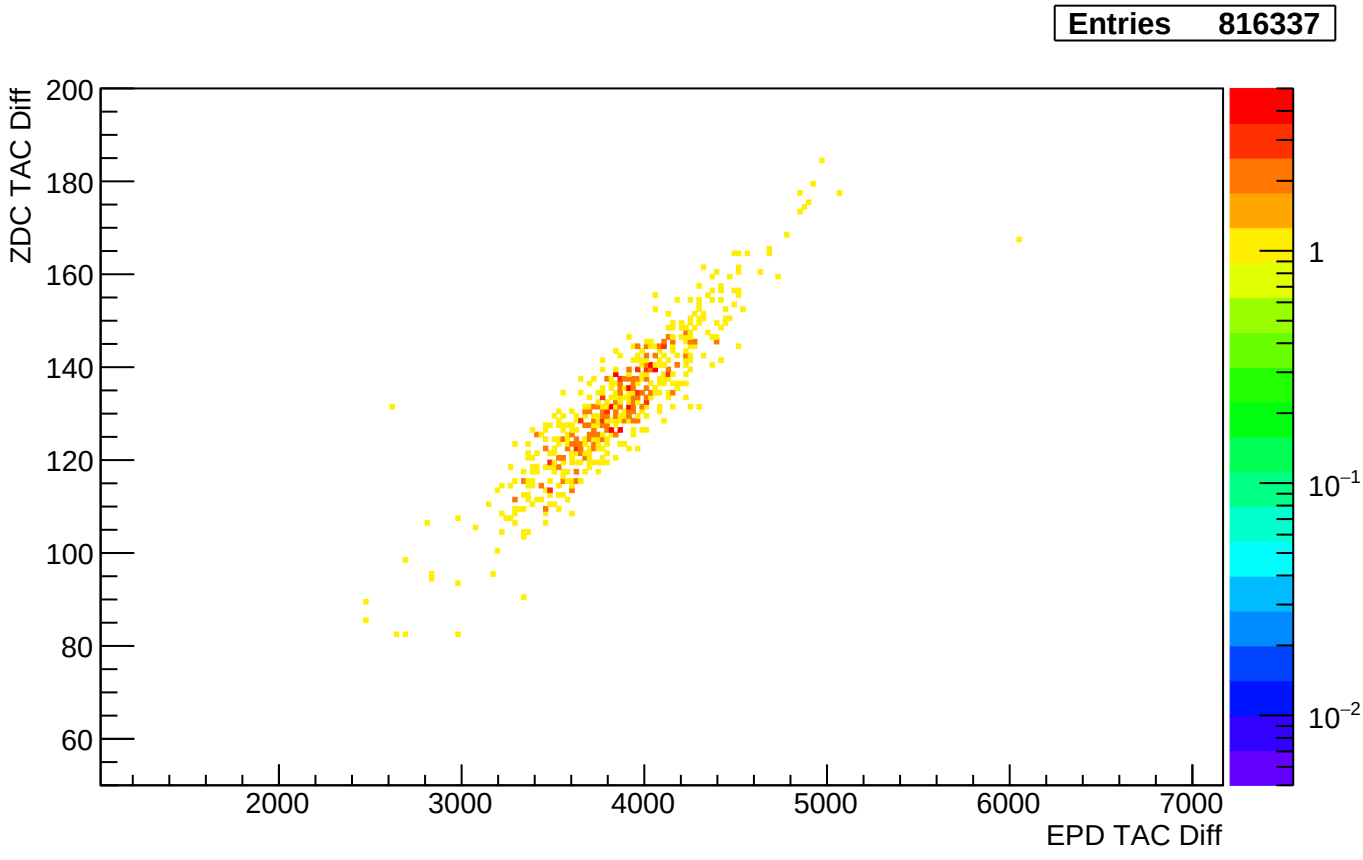

Entries 816337
TOF-Mult
BBC-S-West ADC Sum

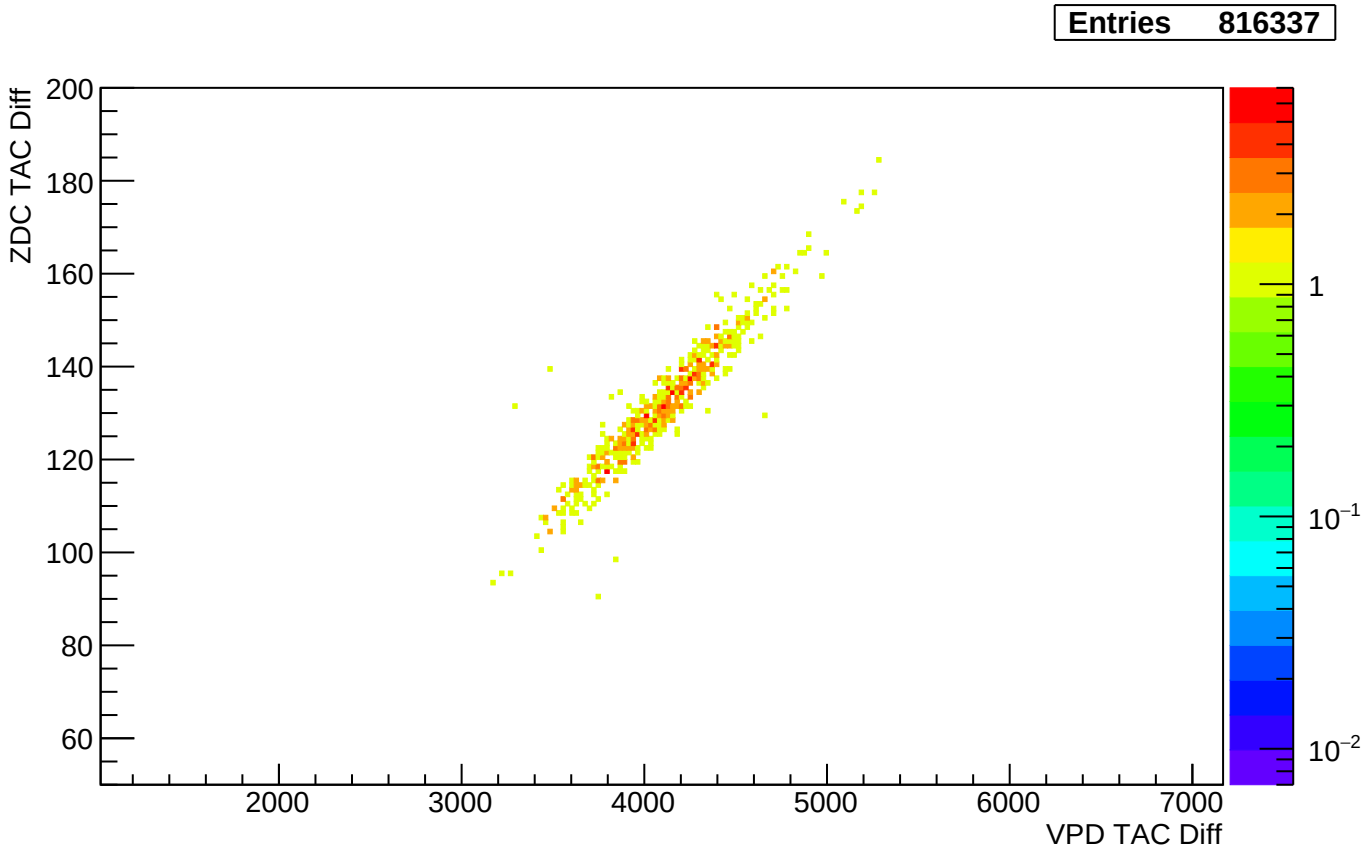

Entries 816337
TOF-Mult
EPD-East Hit Cnt

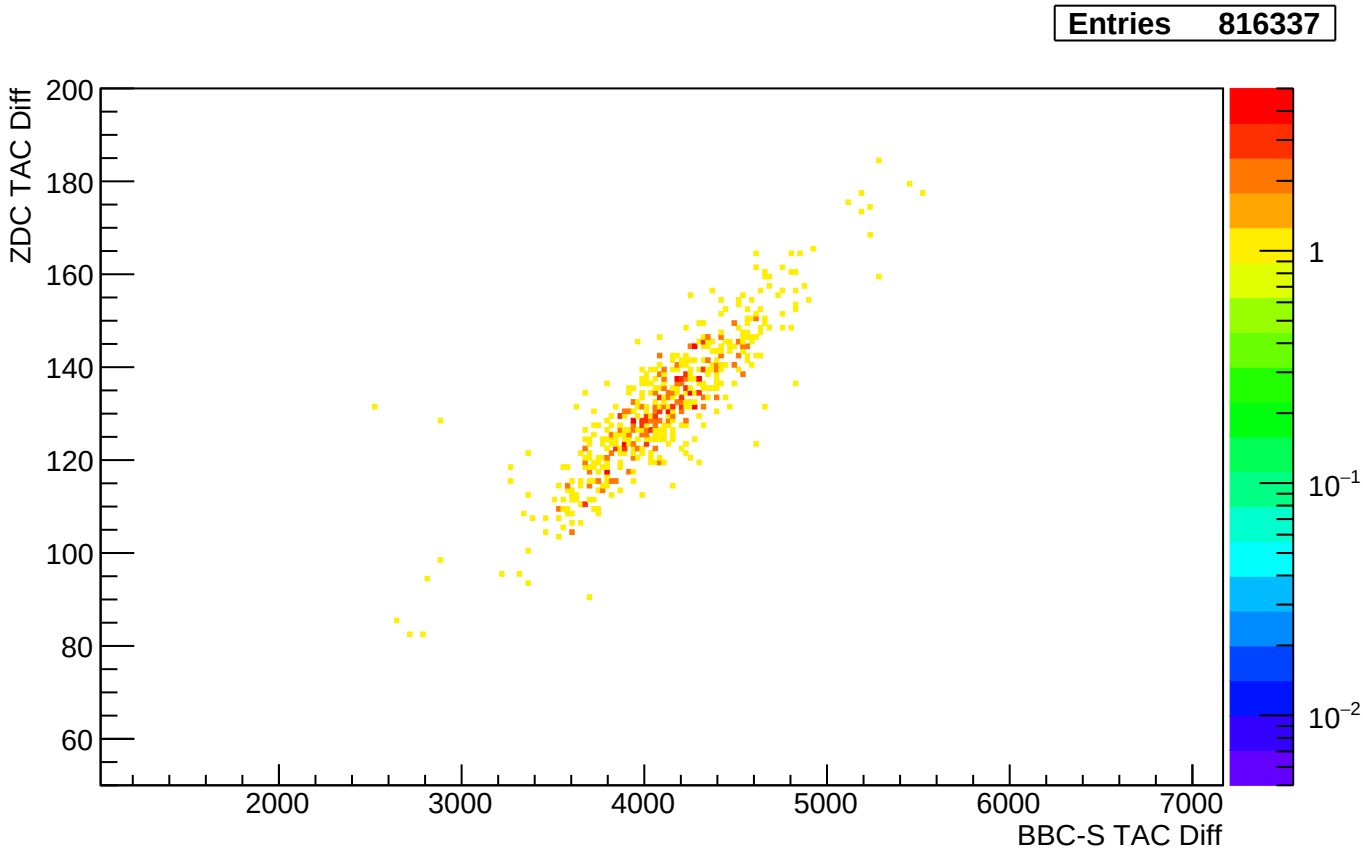

Entries 816337
TOF-Mult
EPD-West Hit Cnt

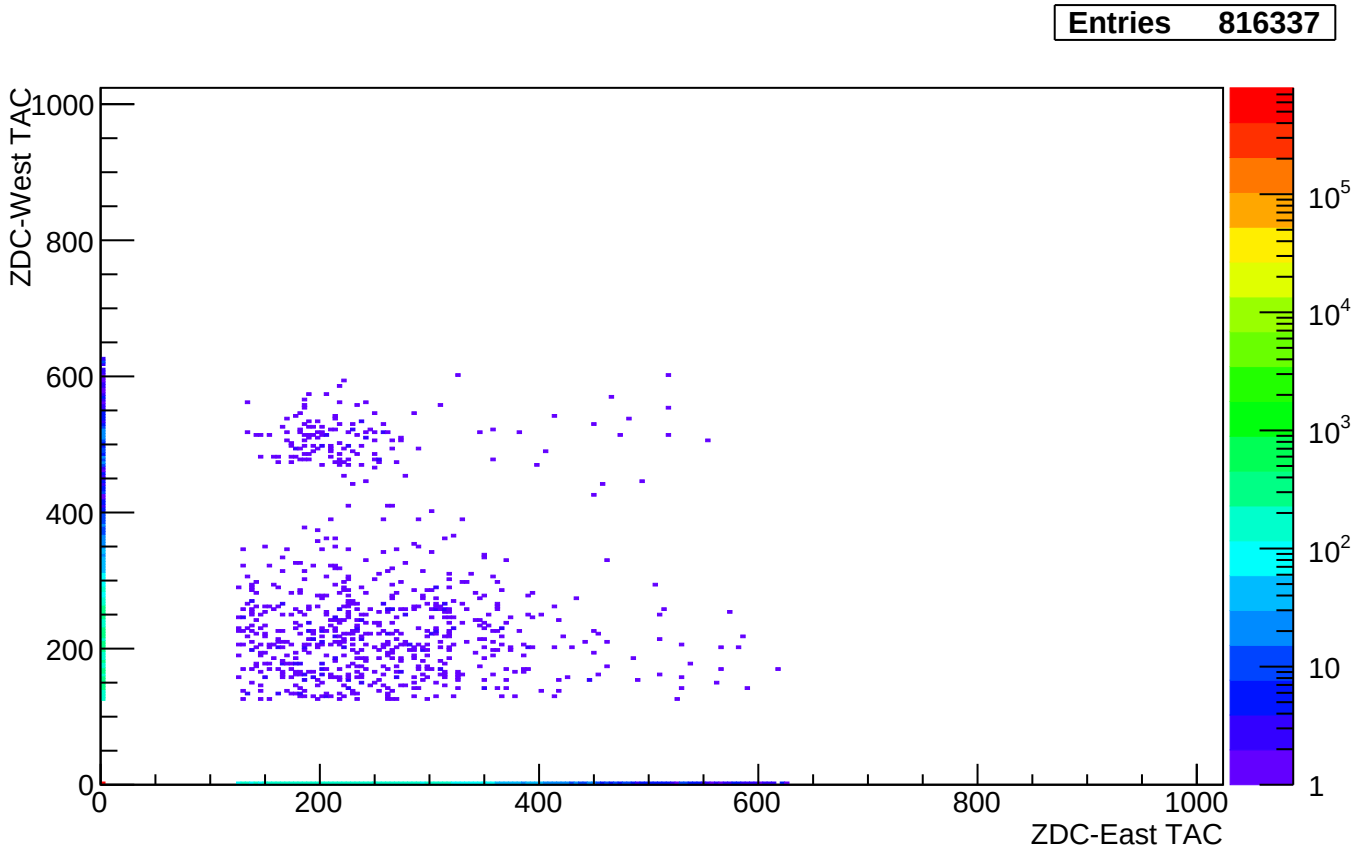

Entries 816337
TOF-Mult
VPD-East ADC Sum

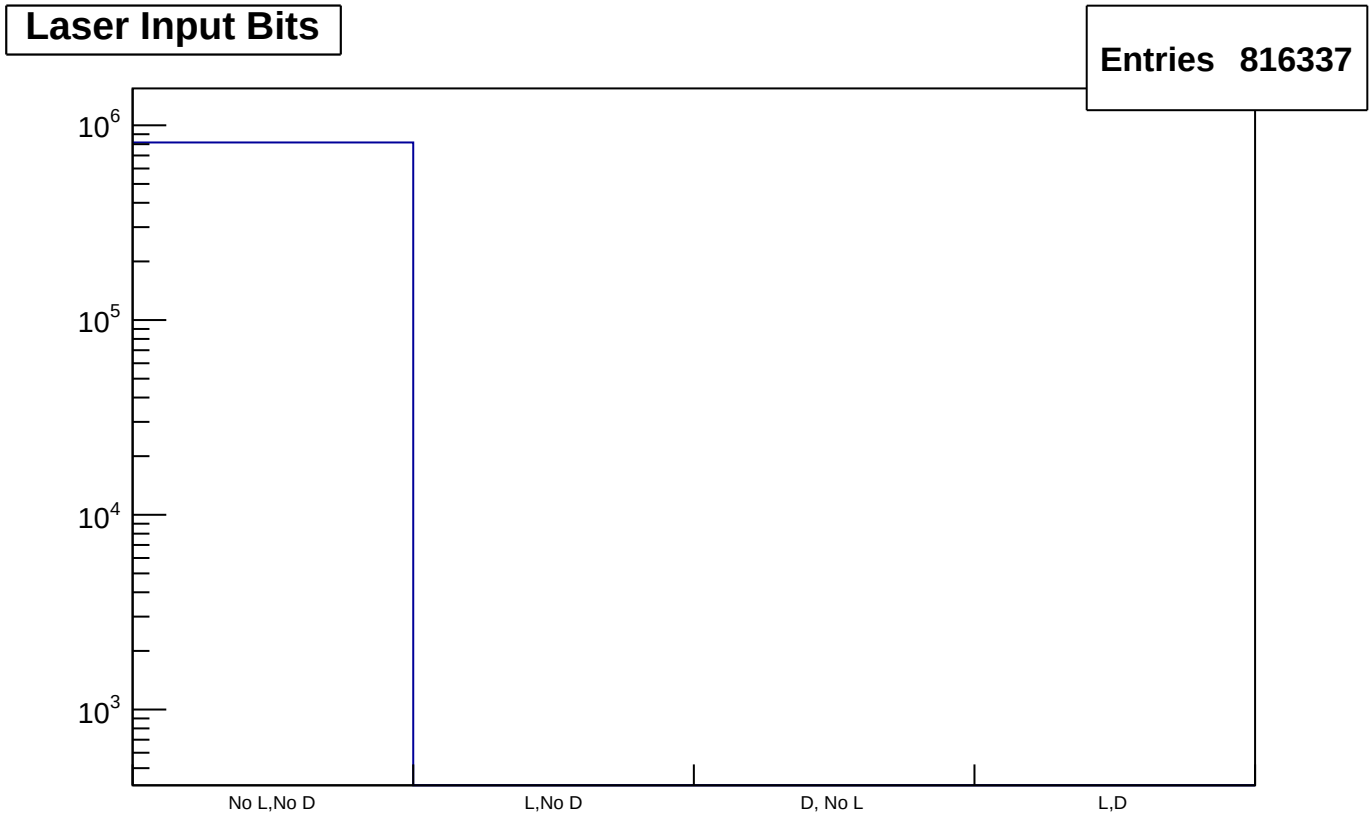

Entries 816337
TOF-Mult
VPD-West ADC Sum

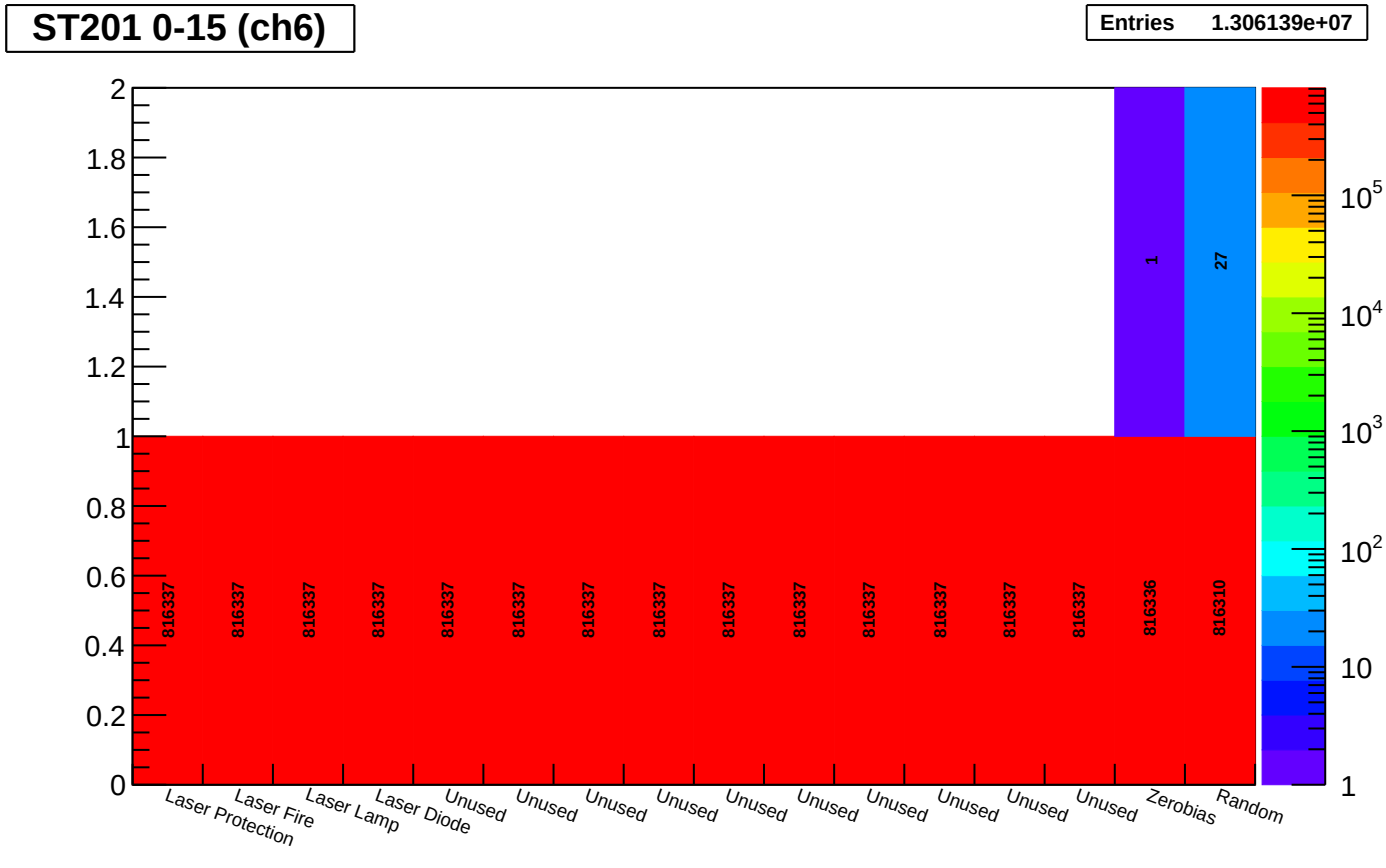

Entries 816337
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

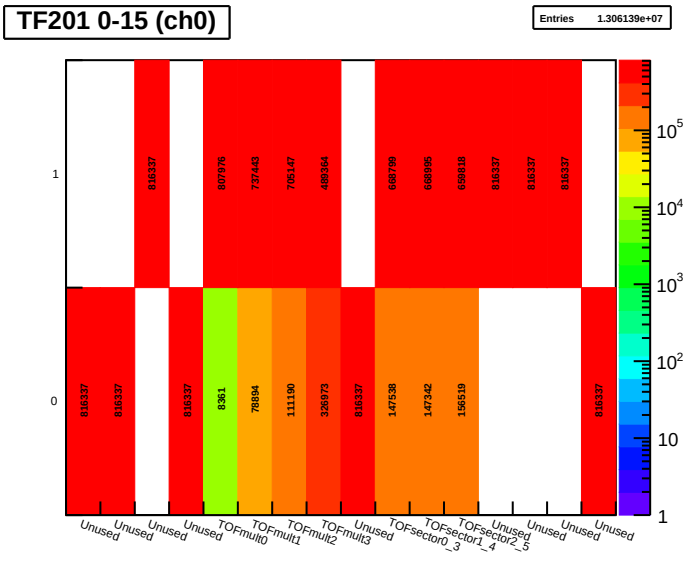

Entries 816337
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

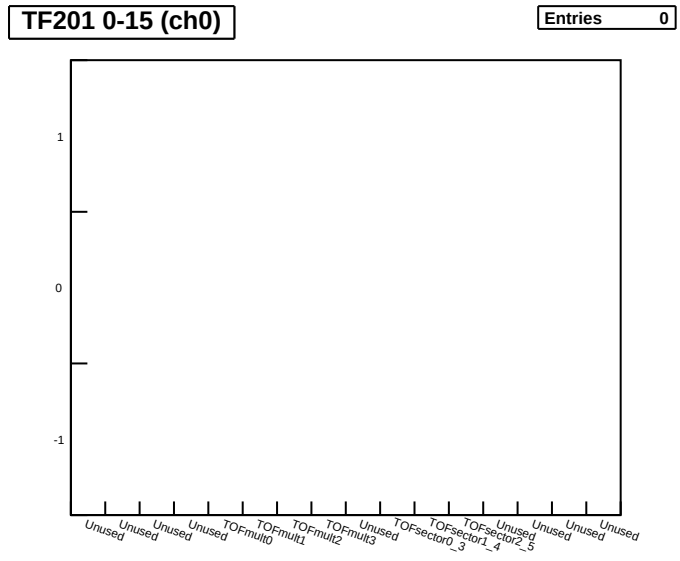

Entries 816337
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

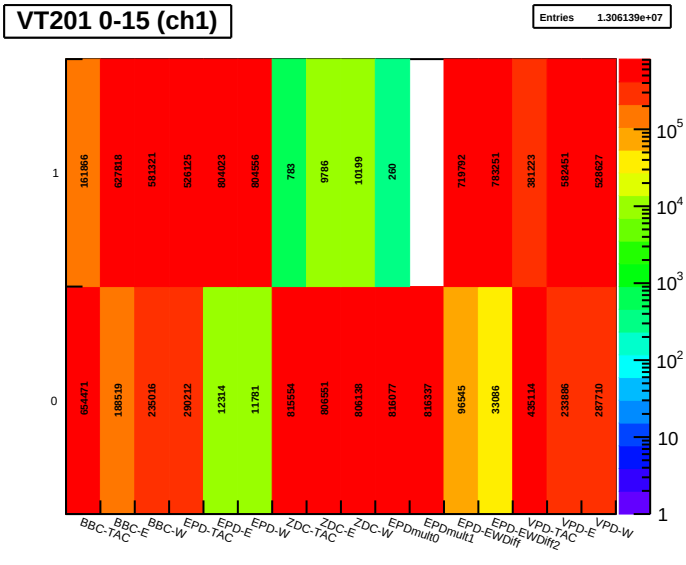

Entries 816337
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

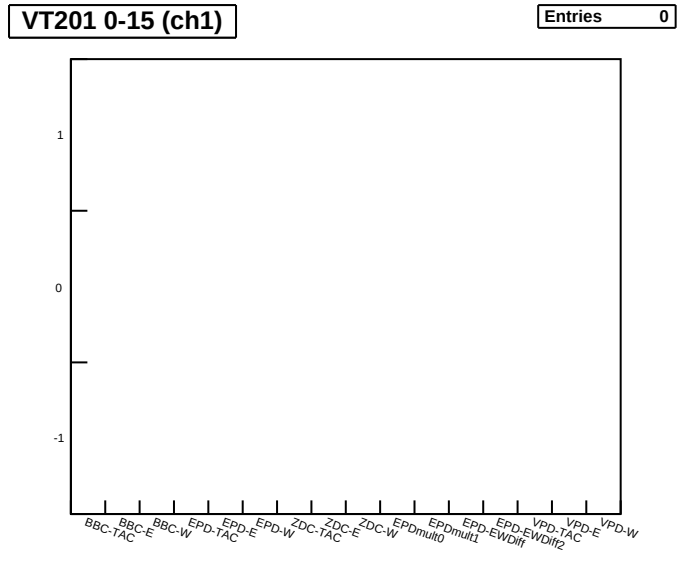

Laser Input Bits
Entries 816337
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

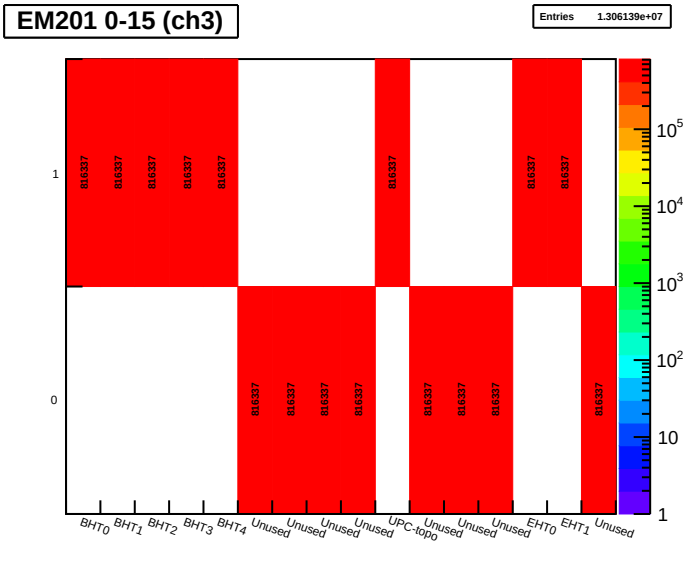

ST201 0-15 (ch6)
Entries 1.306139e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
816337
816337
816337
816337
816337
816337
816337
816337
816337
816337
816337
816337
816337
816336
816310
1
27
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

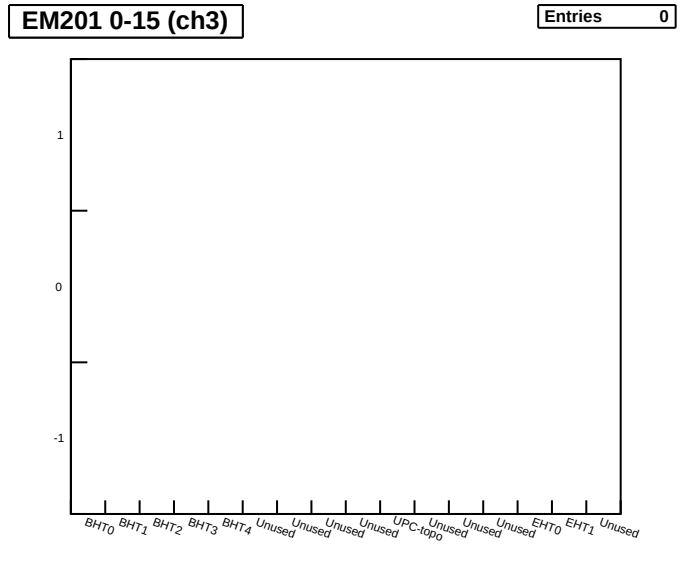

TF201 0-15 (ch0)
Entries 1.306139e+07
1
0
816337
807976
737443
765147
489364
668799
668995
659818
816337
816337
816337
816337
816337
816337
8361
78894
111190
326973
816337
147538
147342
156519
816337
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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


VT201 0-15 (ch1)
Entries 1.306139e+07
1
0
161866
627818
501321
526125
804023
804956
783
9786
10199
260
719792
783251
381223
582451
528627
654471
188519
235016
290212
12314
11781
815554
806551
806138
816077
816337
96545
33086
435114
233886
287710
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 1.306139e+07
1
0
816337
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1