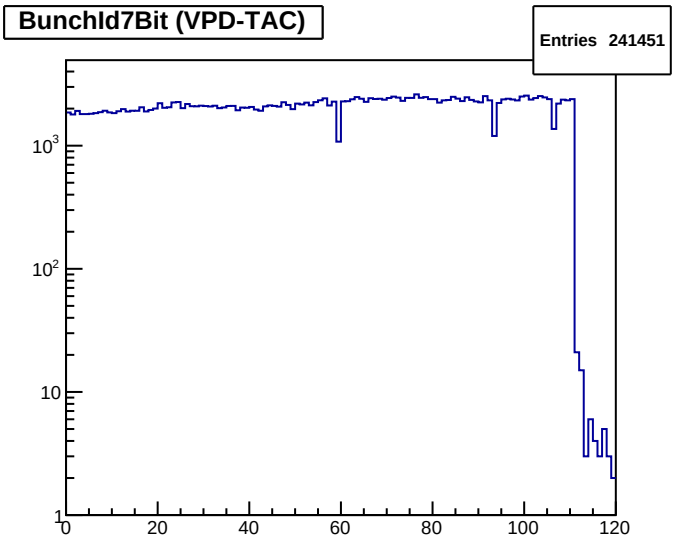
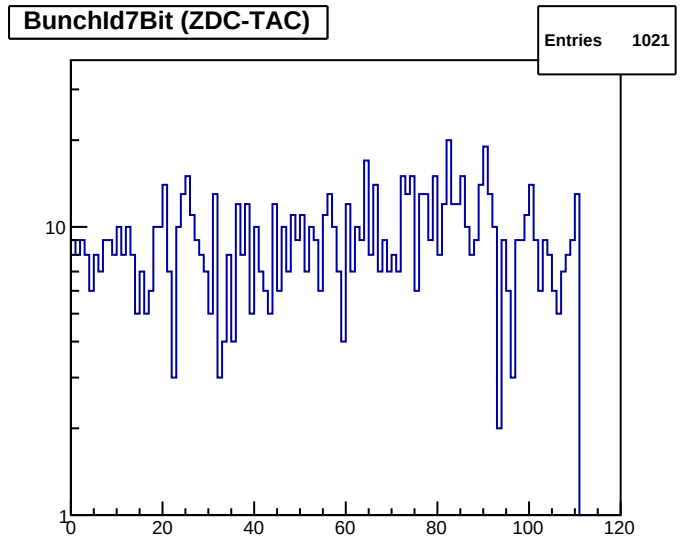
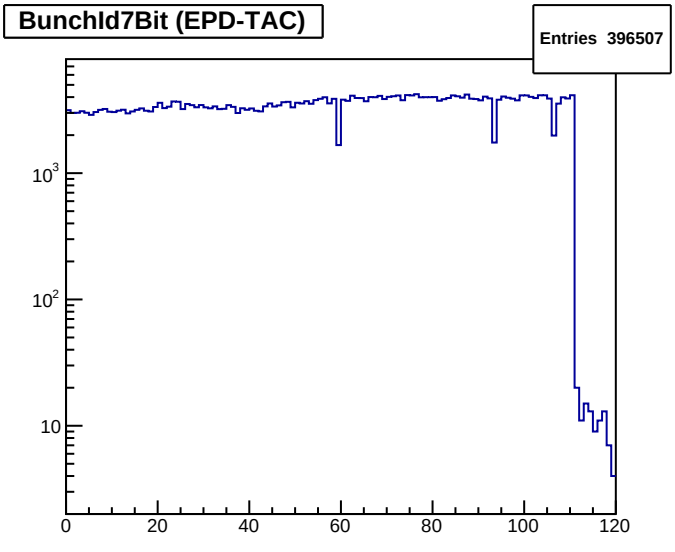
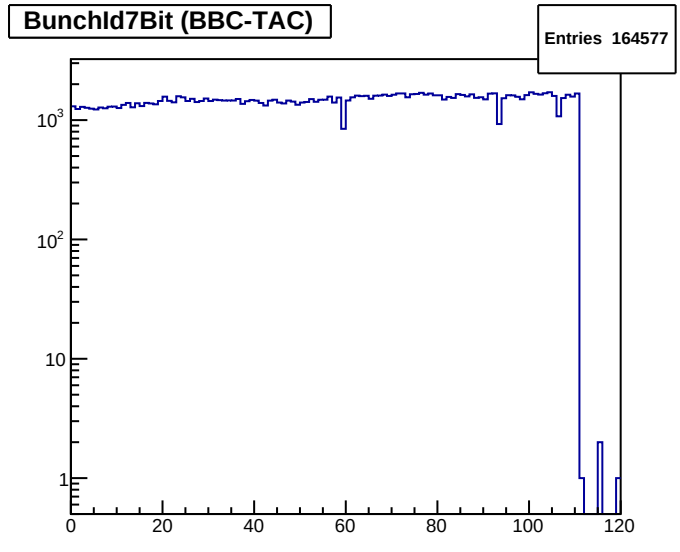
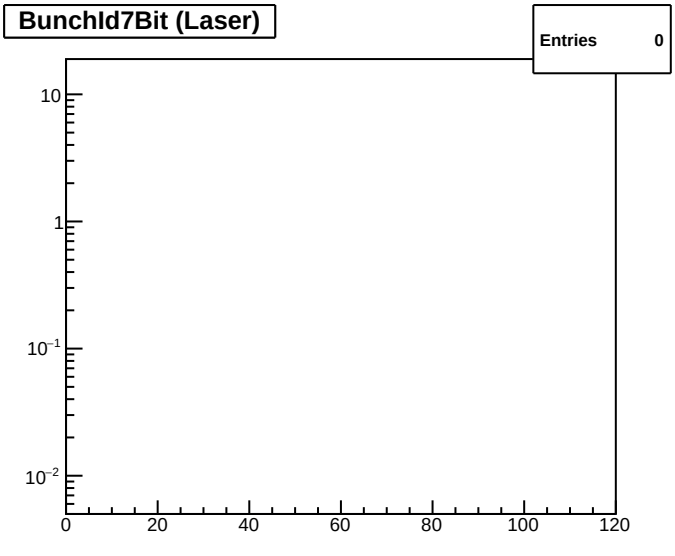
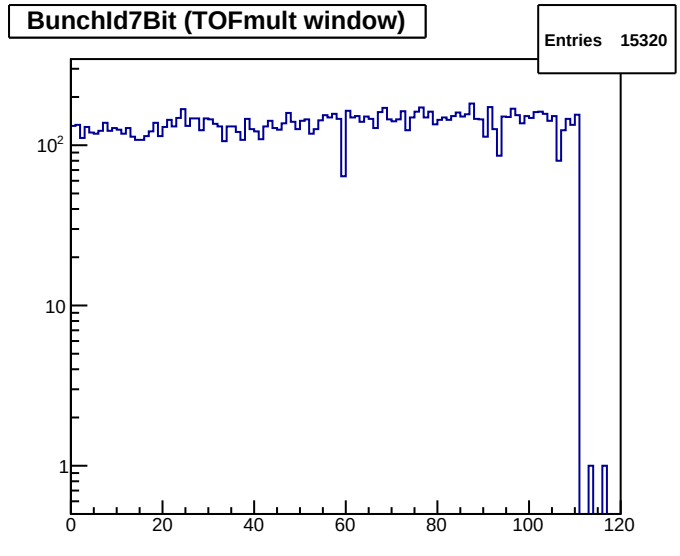

BunchId7Bit (VPD-TAC)
Entries 241451

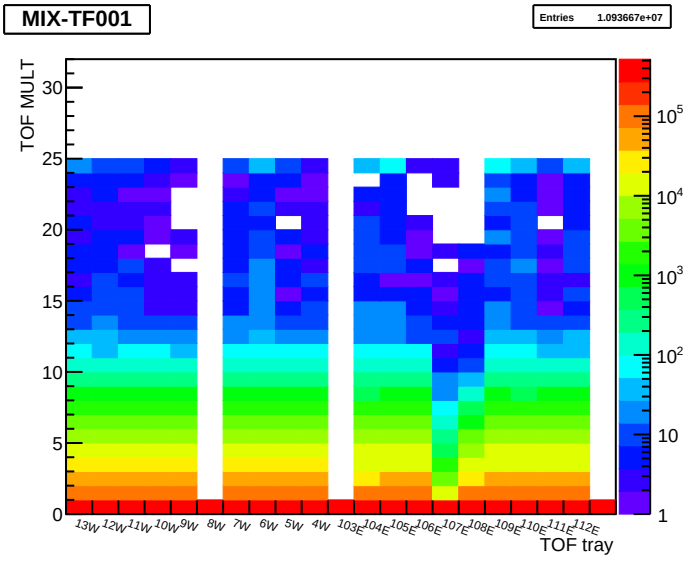

BunchId7Bit (ZDC-TAC)
Entries 1021

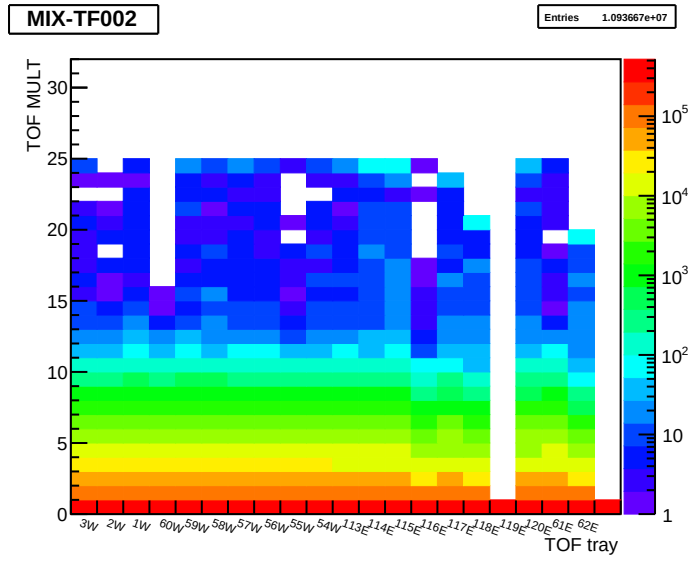

BunchId7Bit (EPD-TAC)
Entries 396507

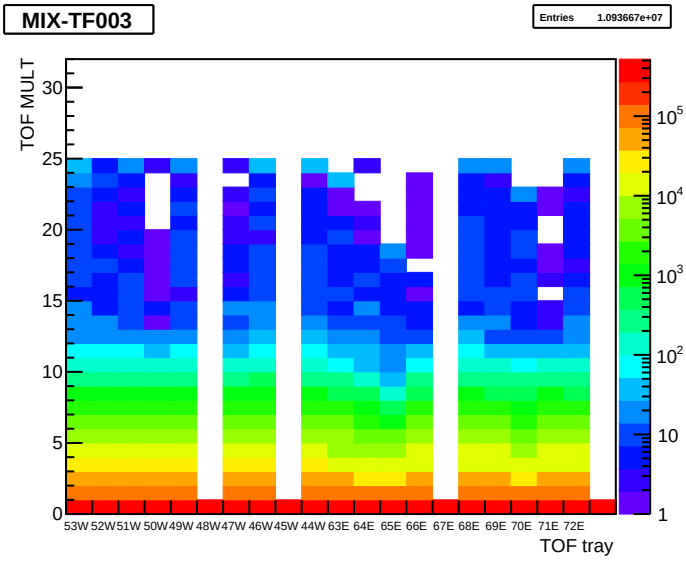

BunchId7Bit (BBC-TAC)
Entries 164577

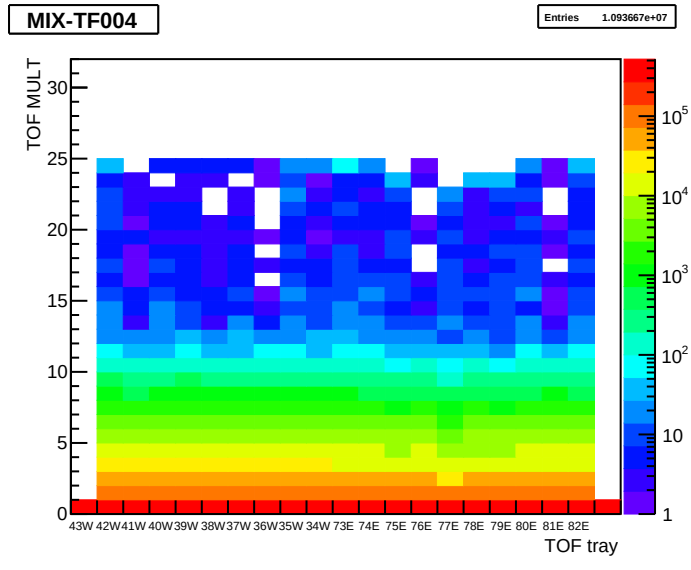

BunchId7Bit (Laser)
Entries 0

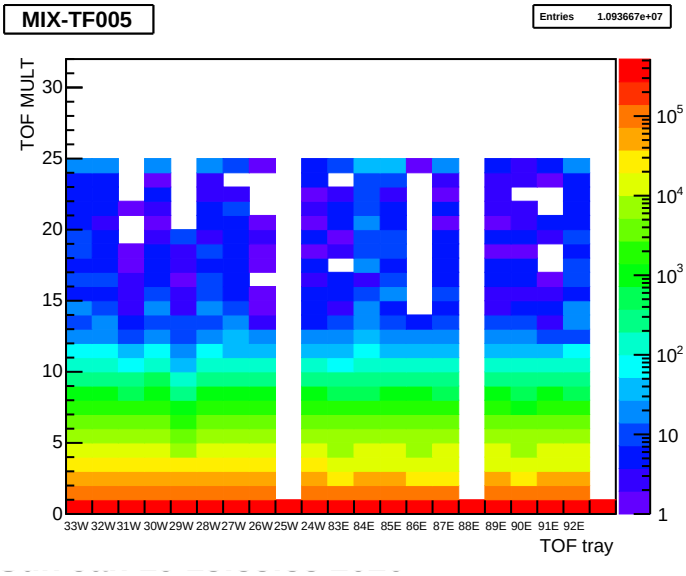

BunchId7Bit (TOFmult window)
Entries 15320

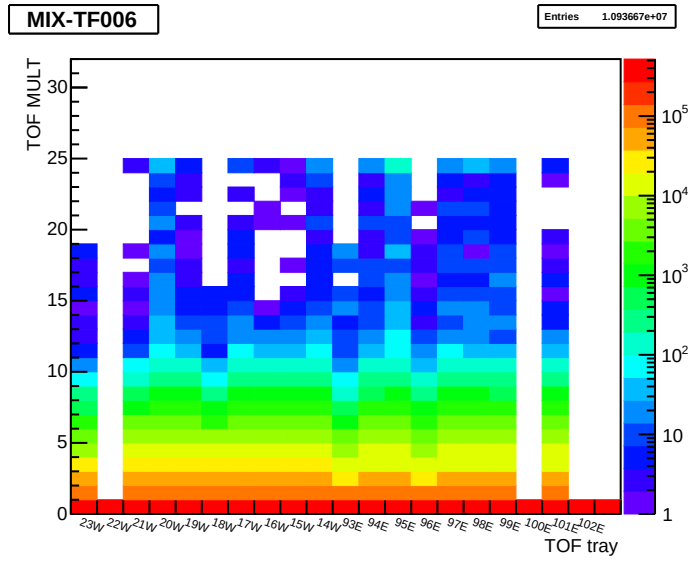

MIX-TF001
Entries 1.093667e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

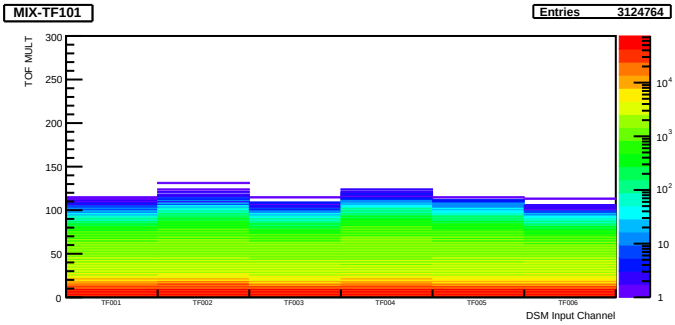

MIX-TF002
Entries 1.093667e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

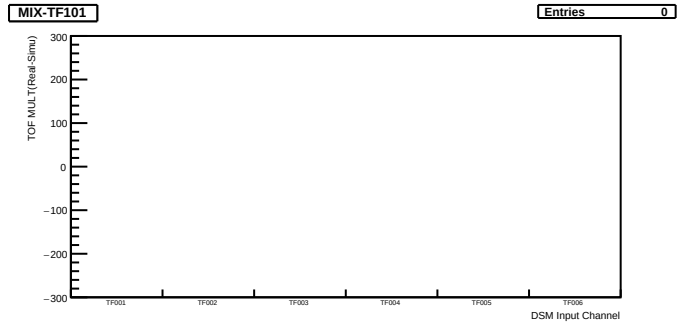

MIX-TF003
Entries 1.093667e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

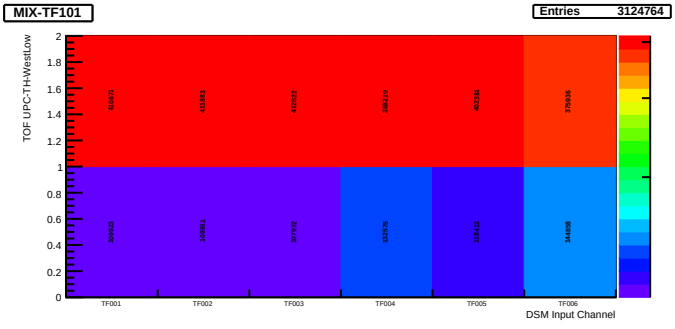

MIX-TF004
Entries 1.093667e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

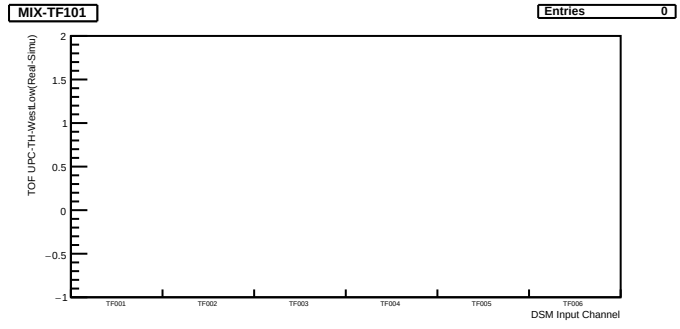

MIX-TF005
Entries 1.093667e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

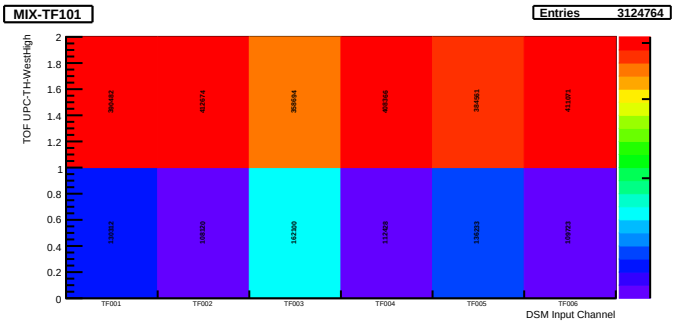

MIX-TF006
Entries 1.093667e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

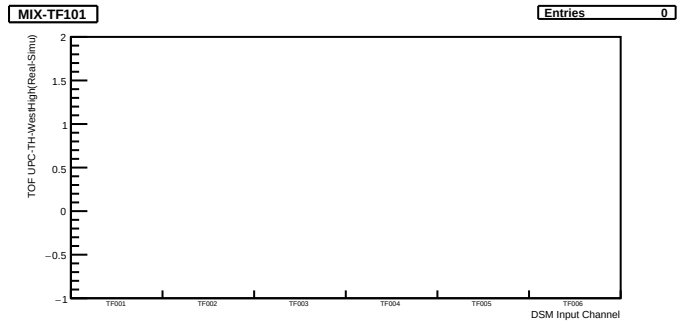

MIX-TF101
Entries 3124764
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

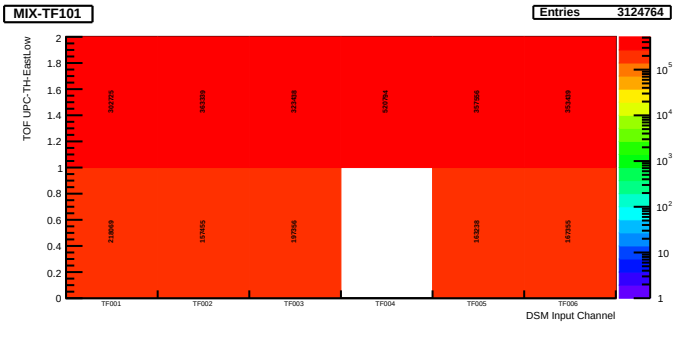

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

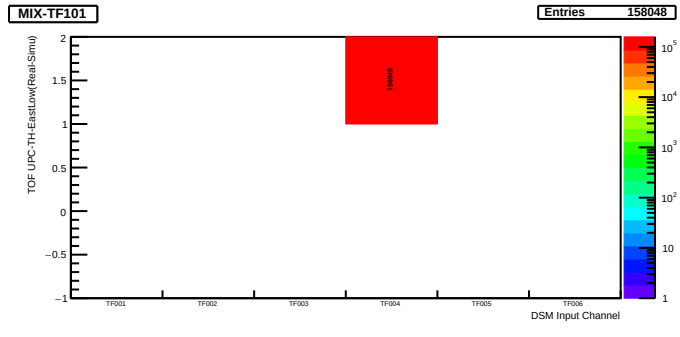

MIX-TF101
Entries 3124764
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

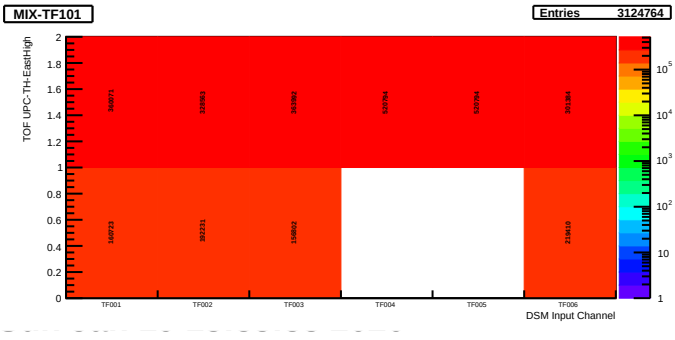

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

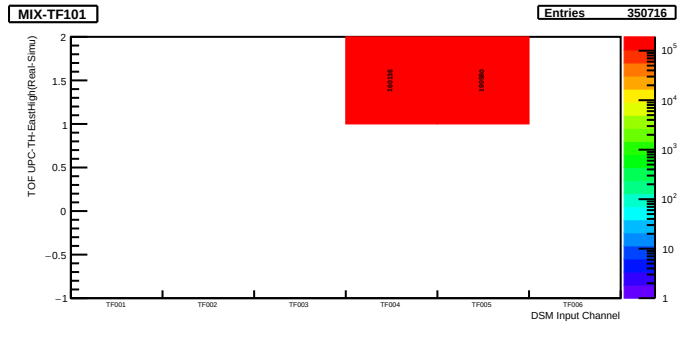

MIX-TF101
Entries 3124764
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

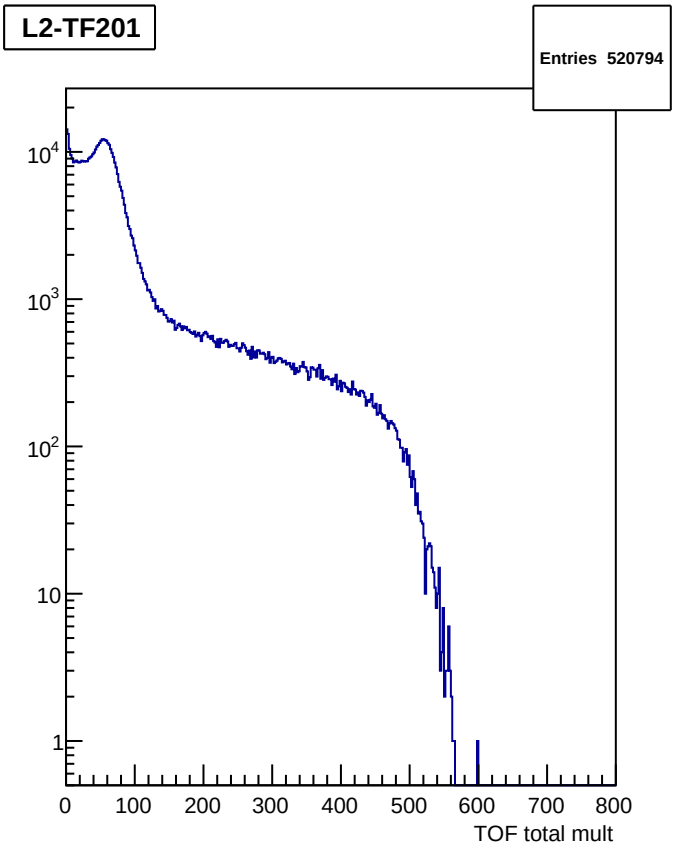

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

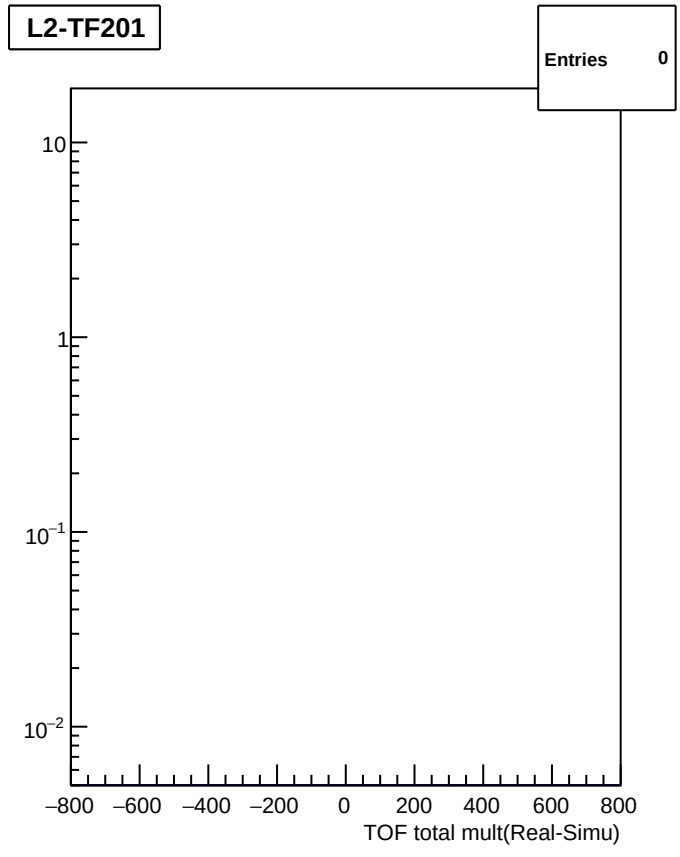

MIX-TF101
Entries 3124764
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

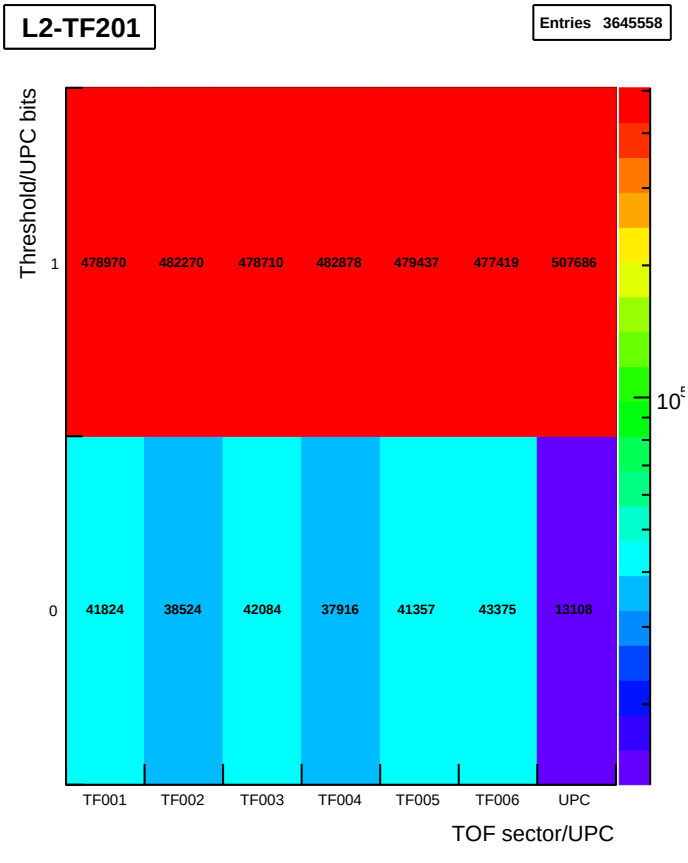

MIX-TF101
Entries 158048
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

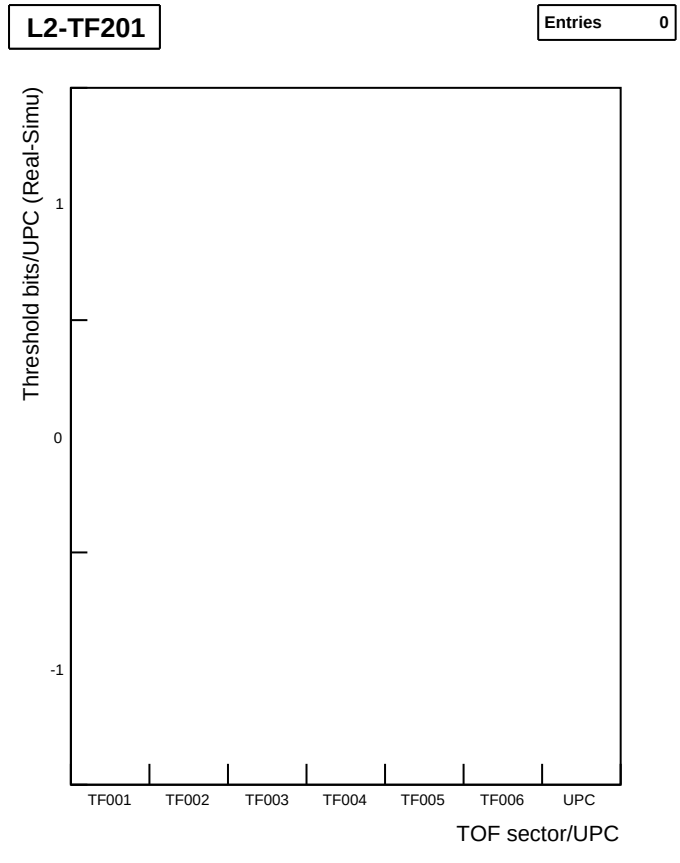

MIX-TF101
Entries 3124764
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

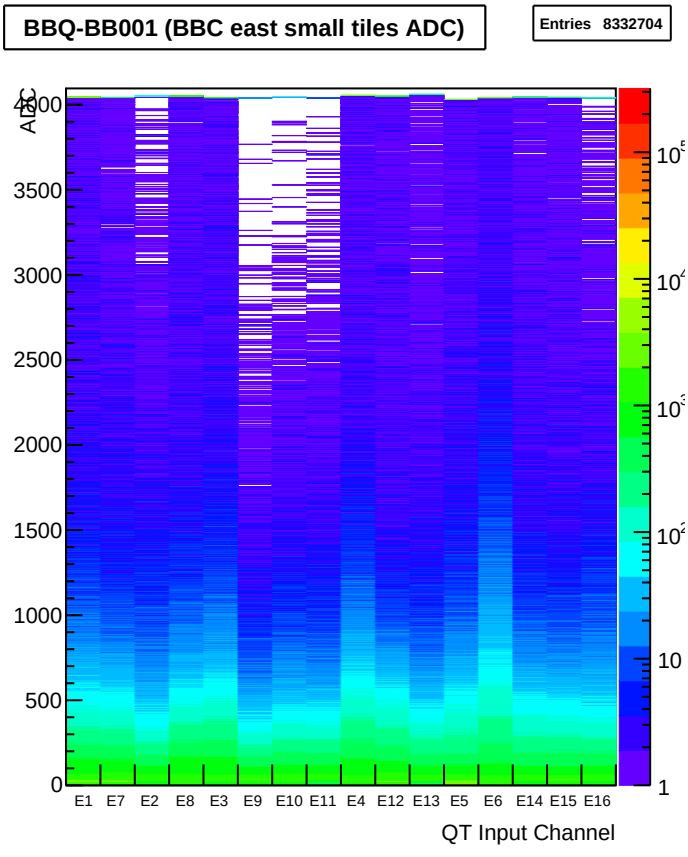

MIX-TF101
Entries 350716
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

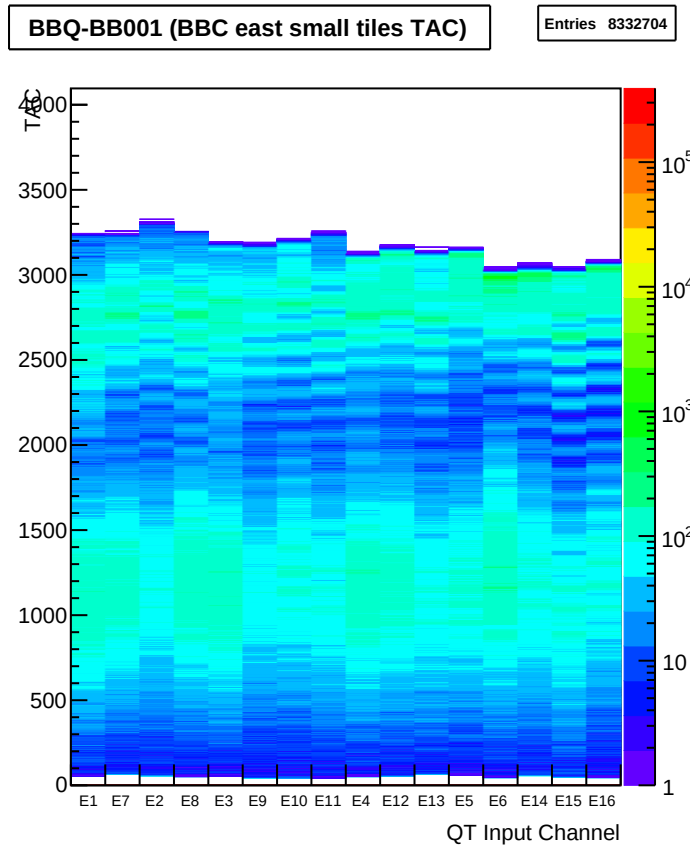

L2-TF201
Entries 520794
TOF total mult

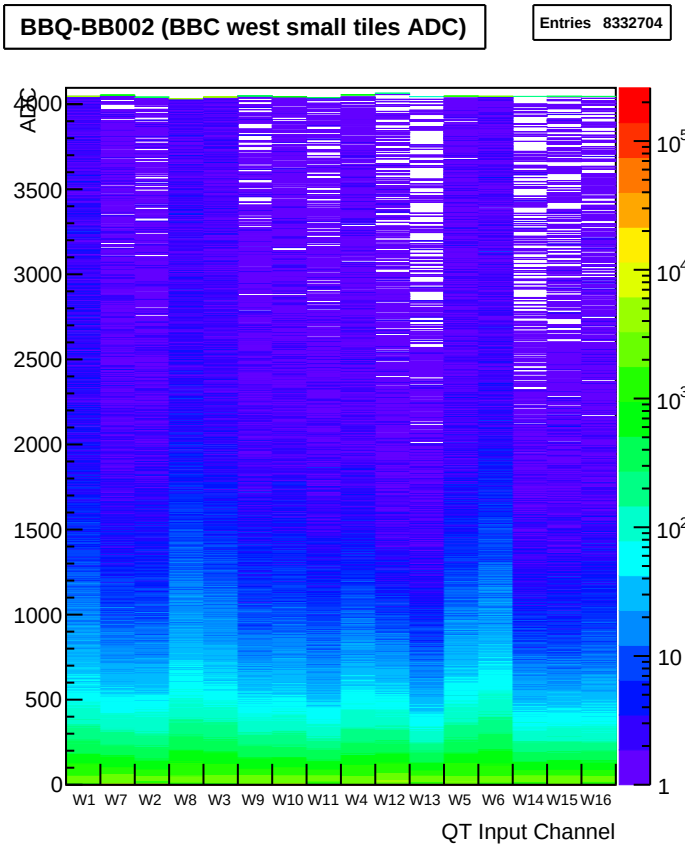

L2-TF201
Entries 0
TOF total mult(Real-Simu)

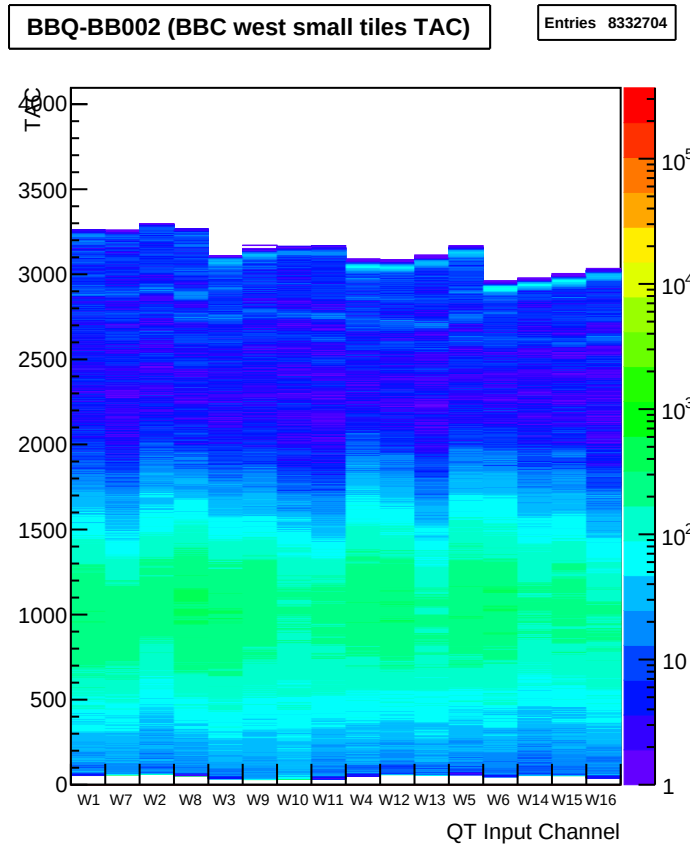

L2-TF201
Entries 3645558
Threshold/UPC bits
478970
482270
478710
482878
479437
477419
507686
41824
38524
42084
37916
41357
43375
13108
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

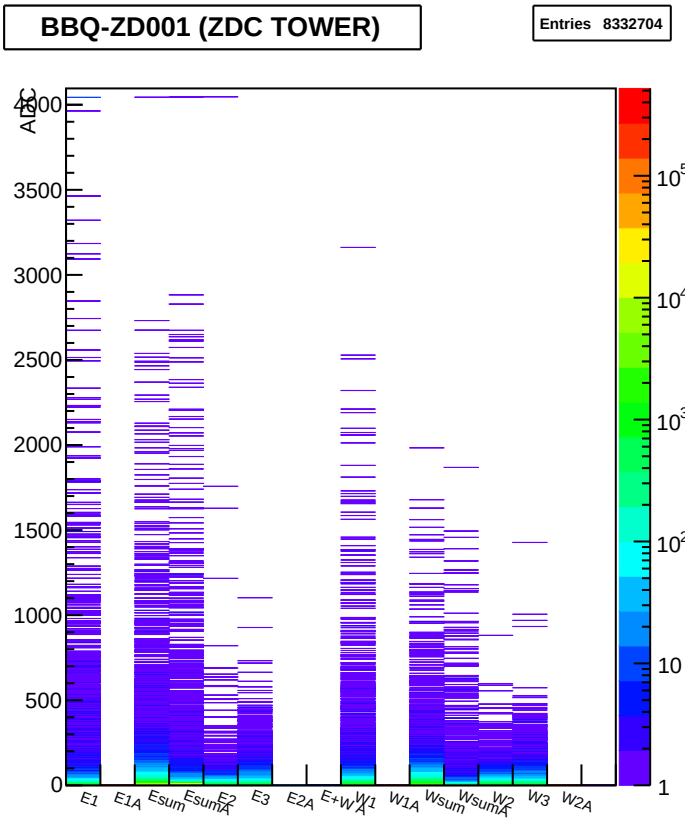

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

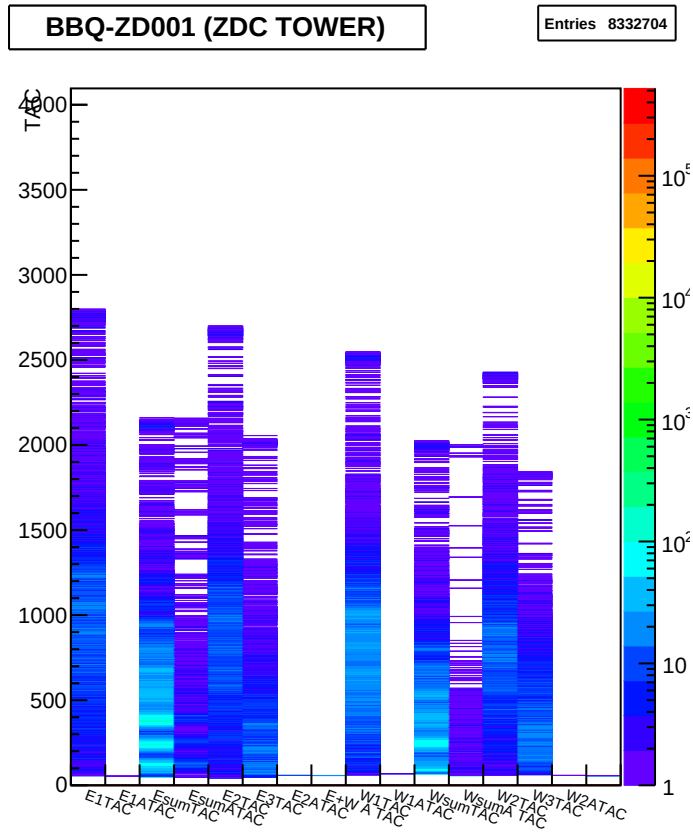

BBQ-BB001 (BBC east small tiles ADC)
Entries 8332704
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

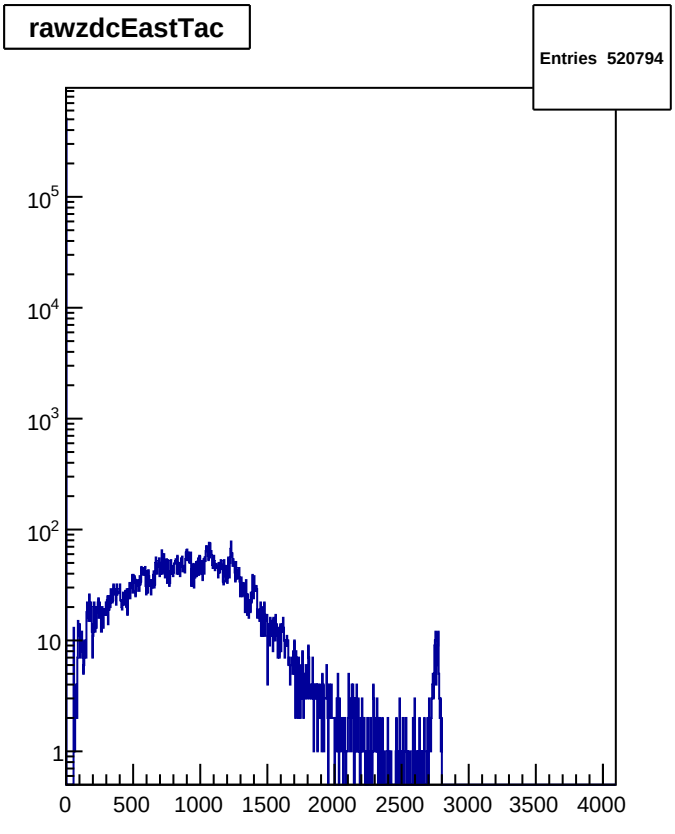

BBQ-BB001 (BBC east small tiles TAC)
Entries 8332704
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

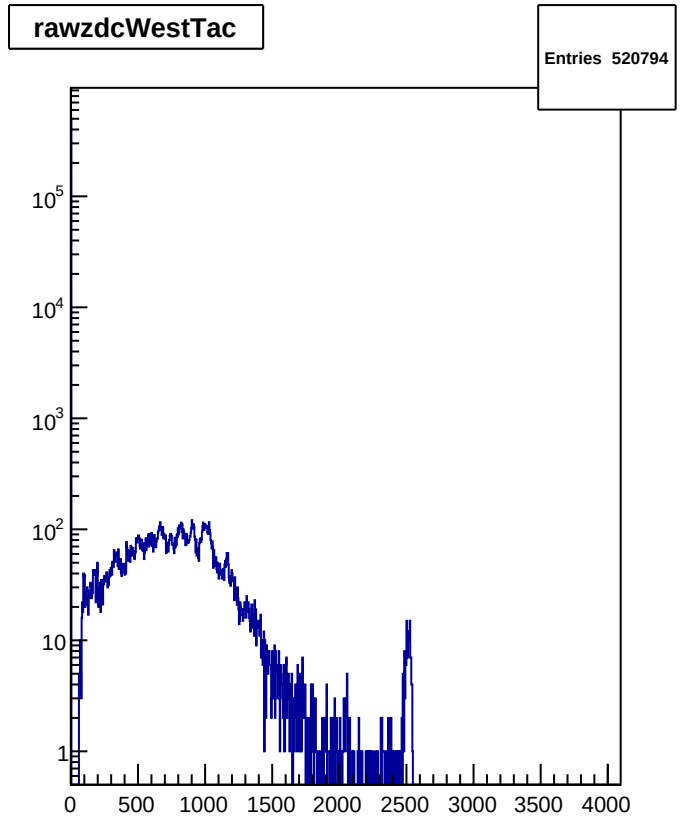

BBQ-BB002 (BBC west small tiles ADC)
Entries 8332704
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

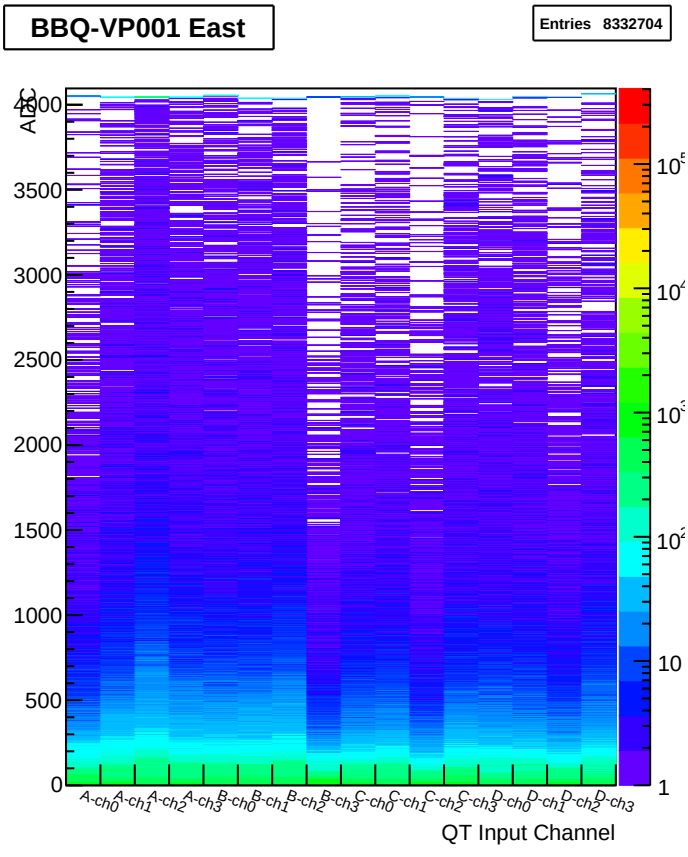

BBQ-BB002 (BBC west small tiles TAC)
Entries 8332704
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

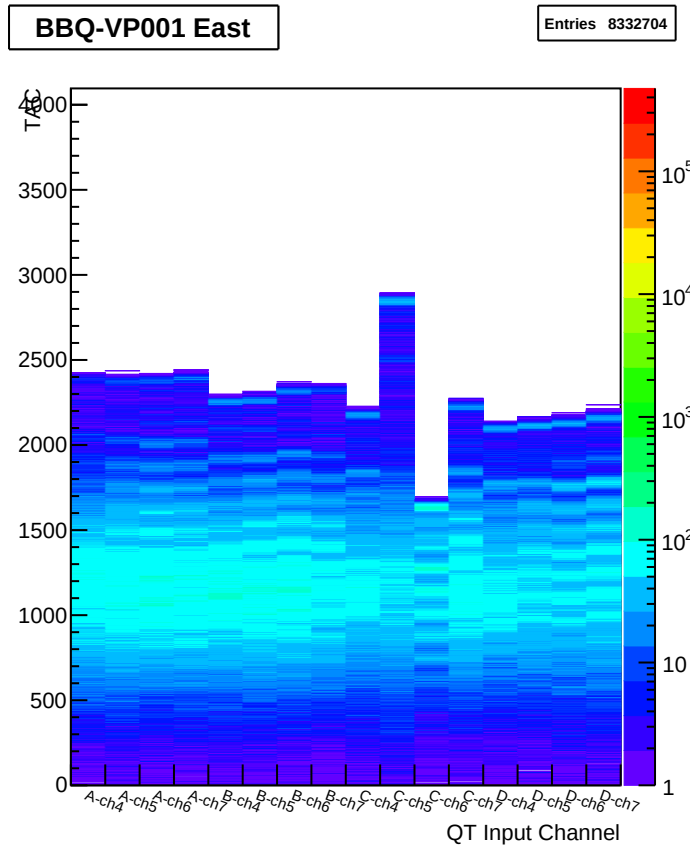

BBQ-ZD001 (ZDC TOWER)
Entries 8332704
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

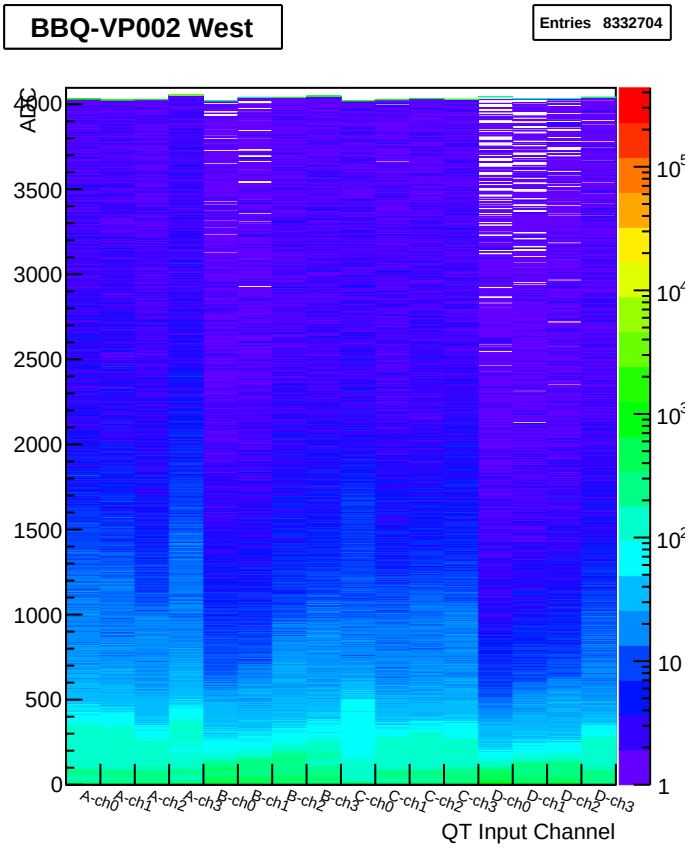

BBQ-ZD001 (ZDC TOWER)
Entries 8332704
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

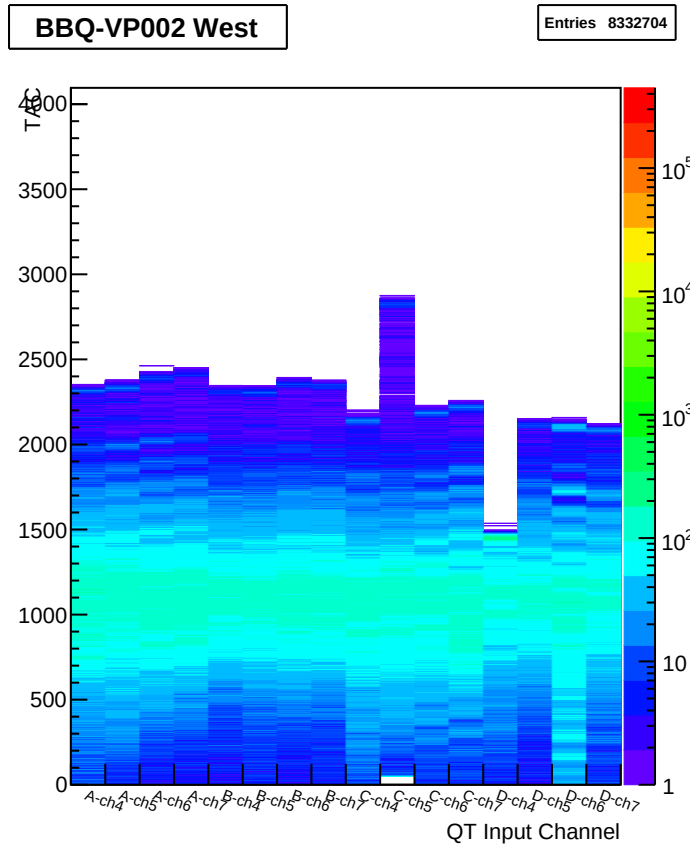

rawzdcEastTac
Entries 520794

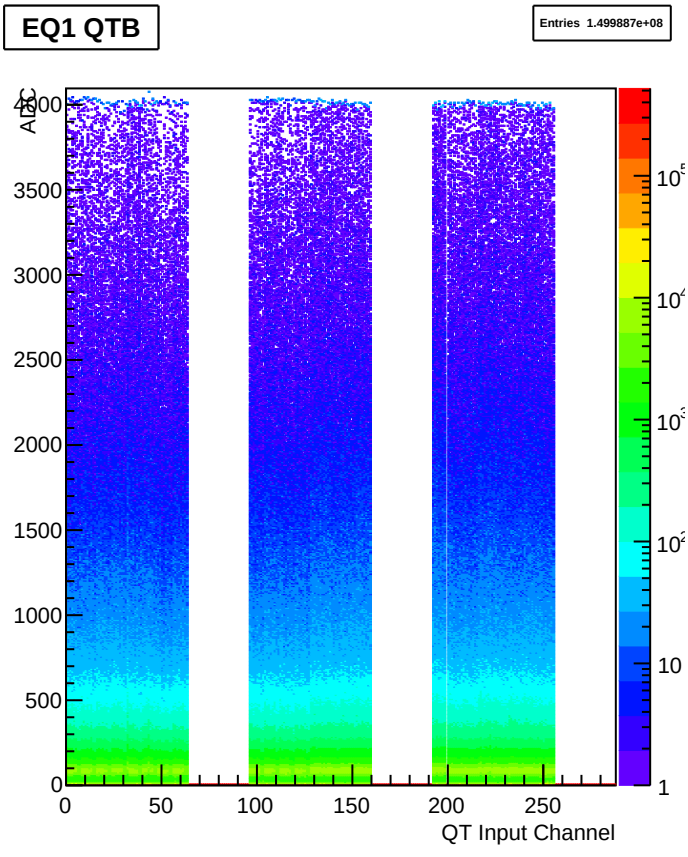

rawzdcWestTac
Entries 520794

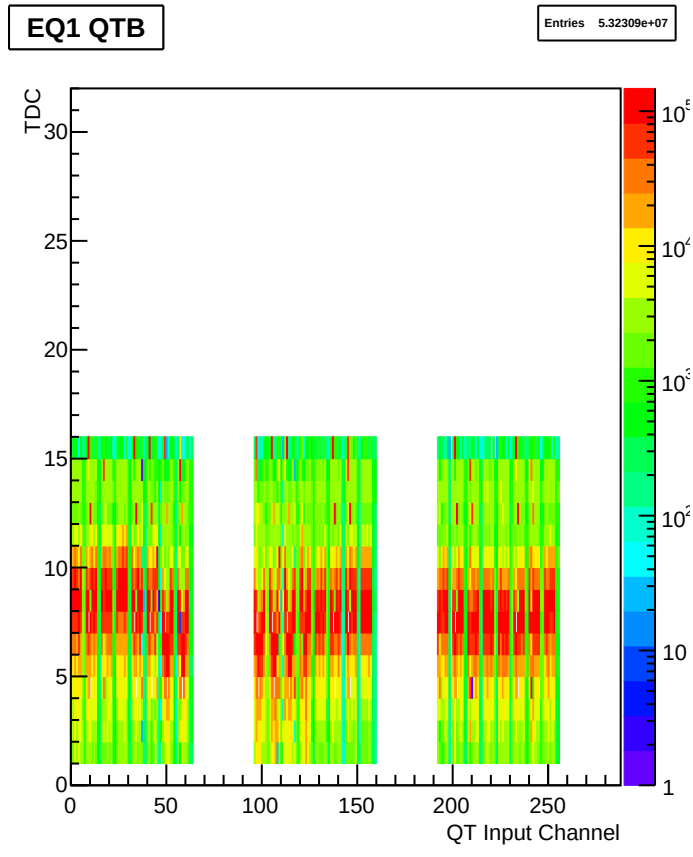

BBQ-VP001 East
Entries 8332704
ADC
QT Input Channel

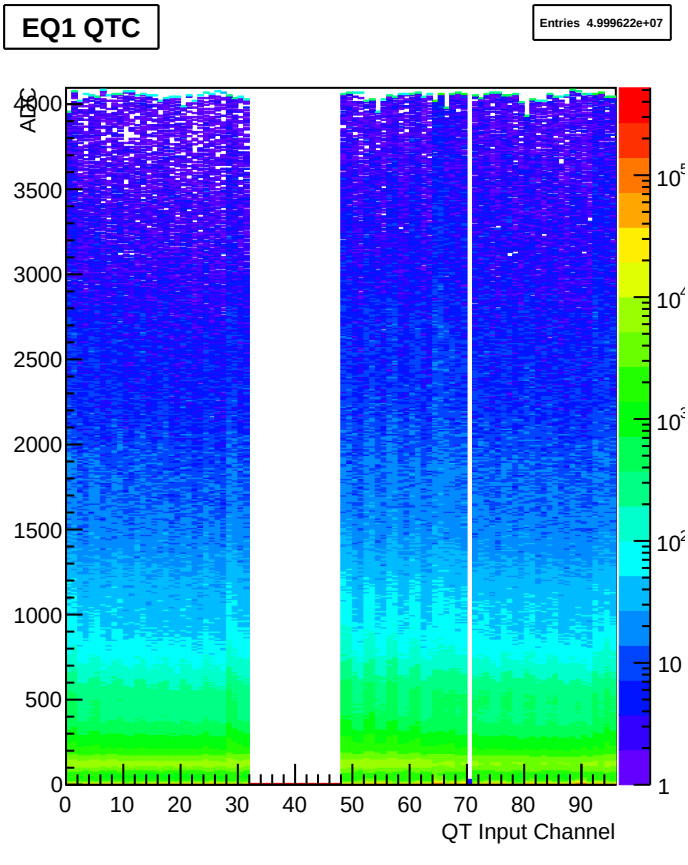

BBQ-VP001 East
Entries 8332704
TADC
QT Input Channel

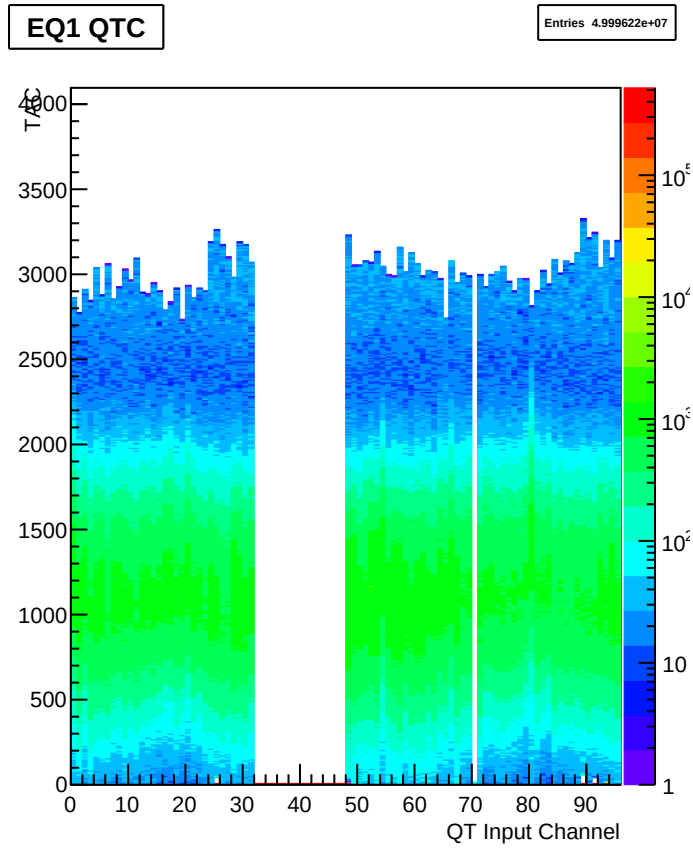

BBQ-VP002 West
Entries 8332704
ADC
QT Input Channel

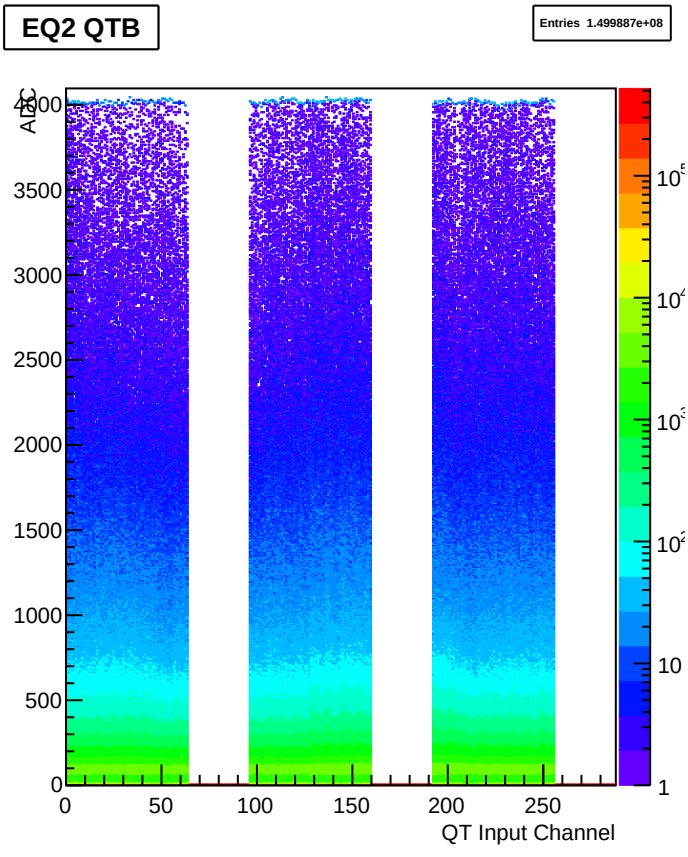

BBQ-VP002 West
Entries 8332704
TADC
QT Input Channel

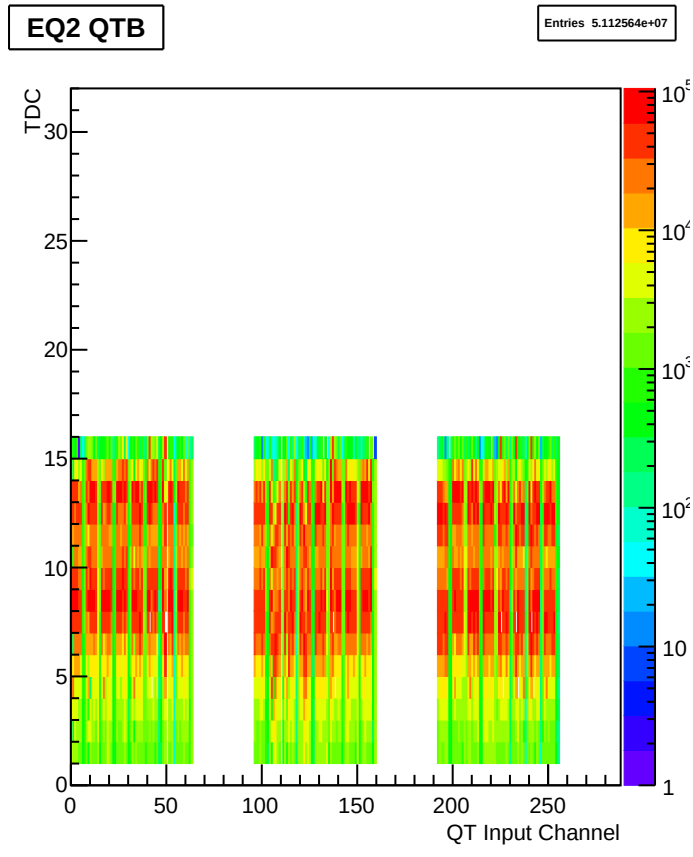

EQ1 QTB
Entries 1.499887e+08
ADC
QT Input Channel

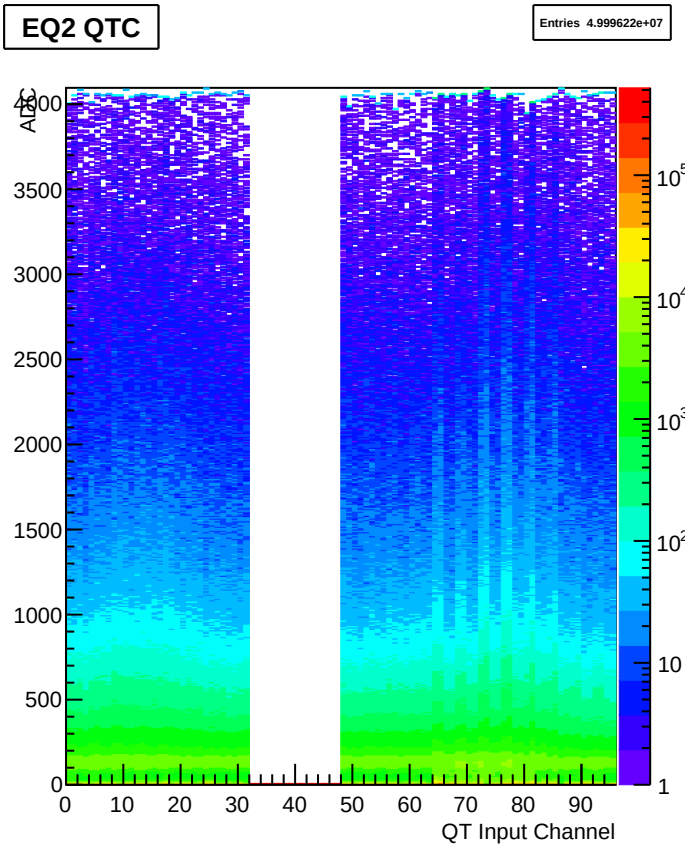

EQ1 QTB
Entries 5.32309e+07
TDC
QT Input Channel

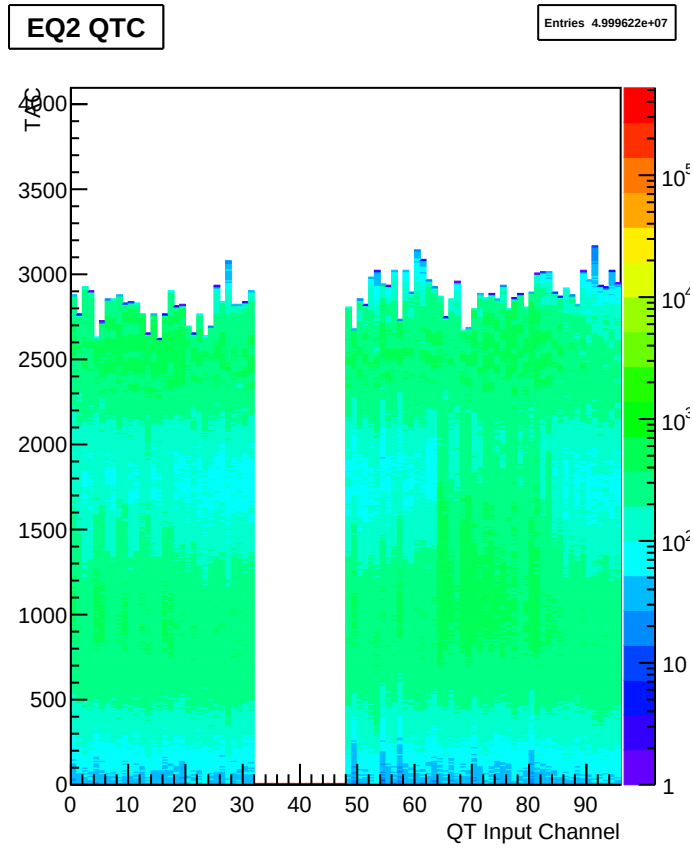

EQ1 QTC
Entries 4.999622e+07
ADC
QT Input Channel

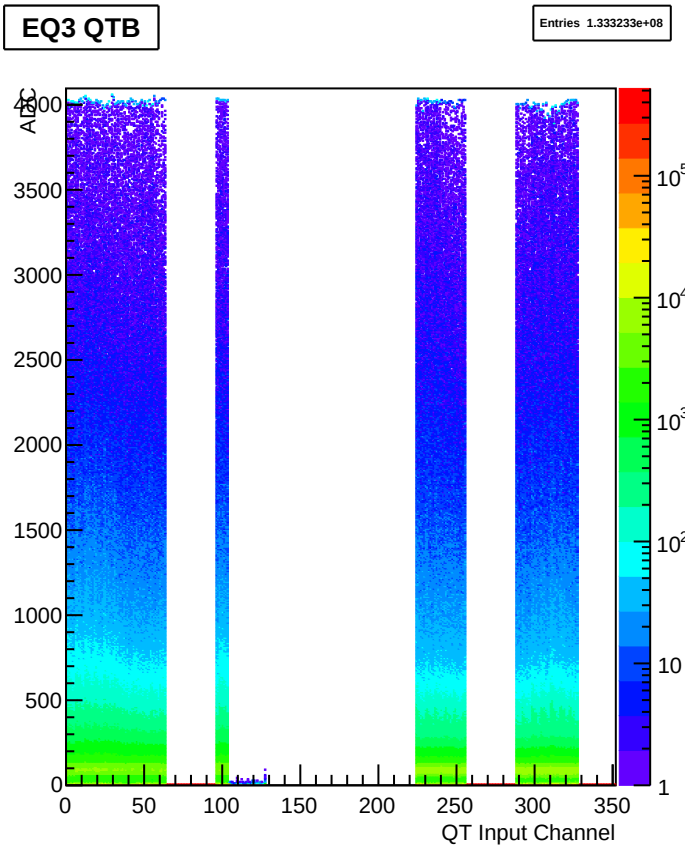

EQ1 QTC
Entries 4.999622e+07
TADC
QT Input Channel

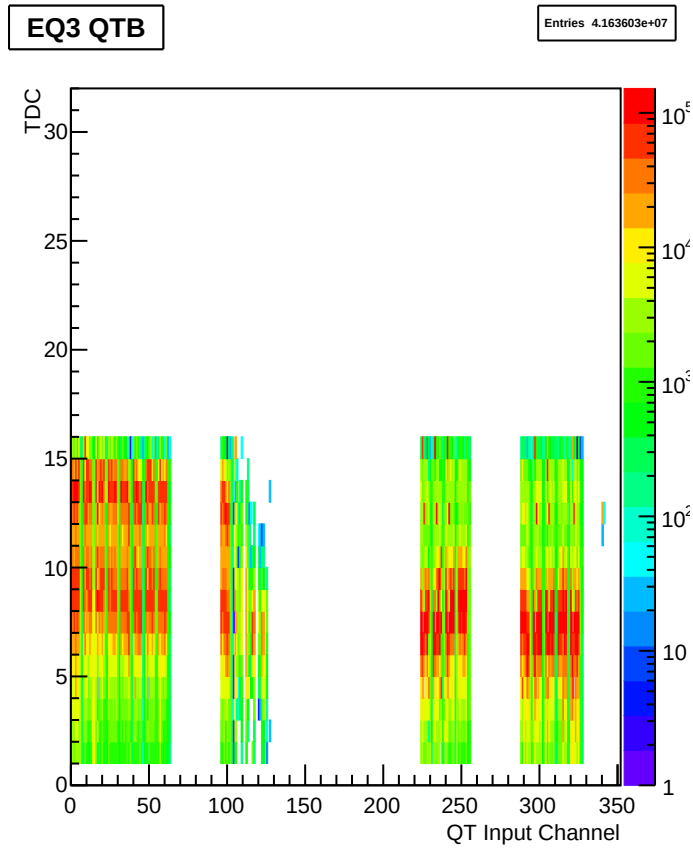

EQ2 QTB
Entries 1.499887e+08
ADC
QT Input Channel

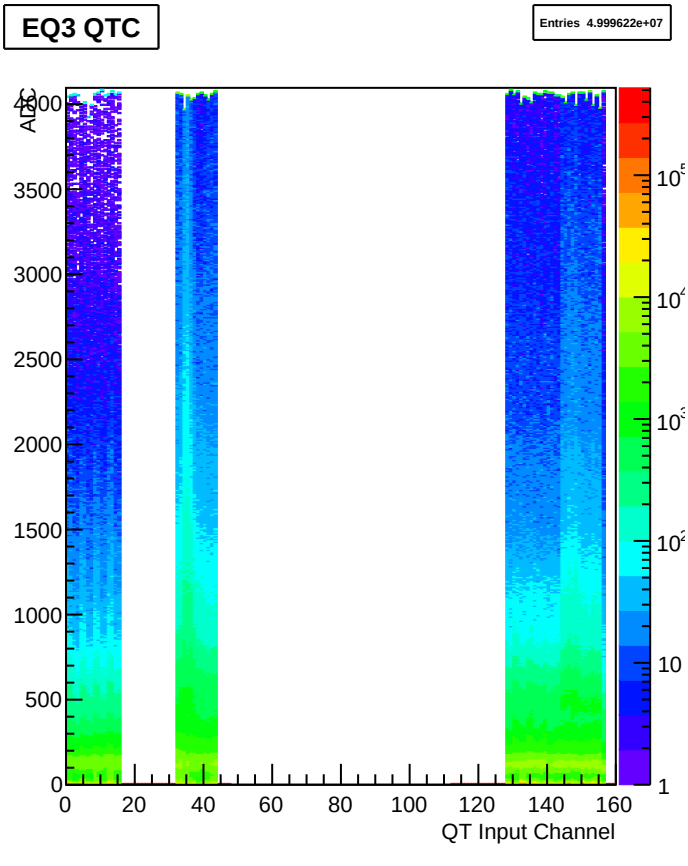

EQ2 QTB
Entries 5.112564e+07
TDC
QT Input Channel

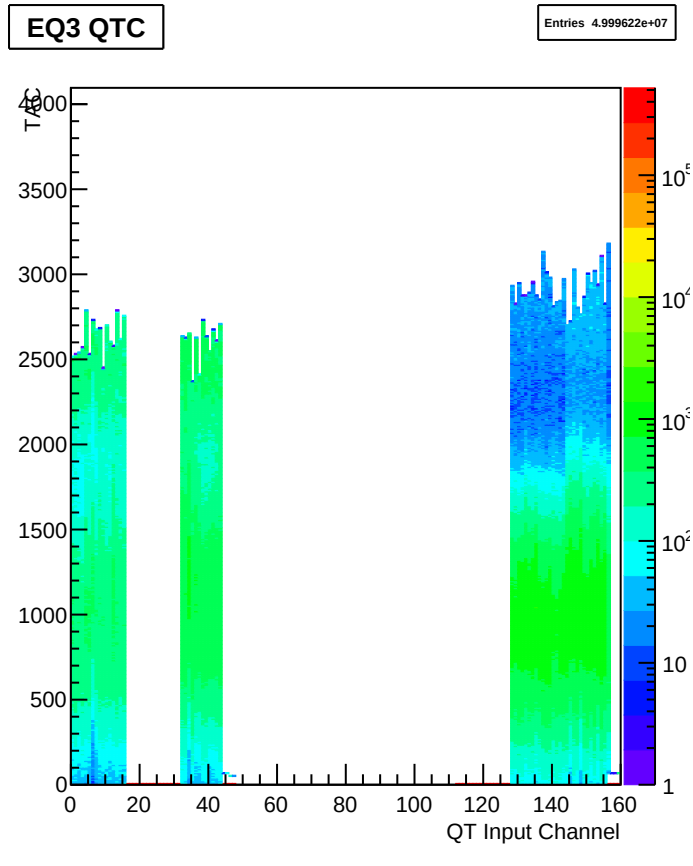

EQ2 QTC
Entries 4.999622e+07
ADC
QT Input Channel

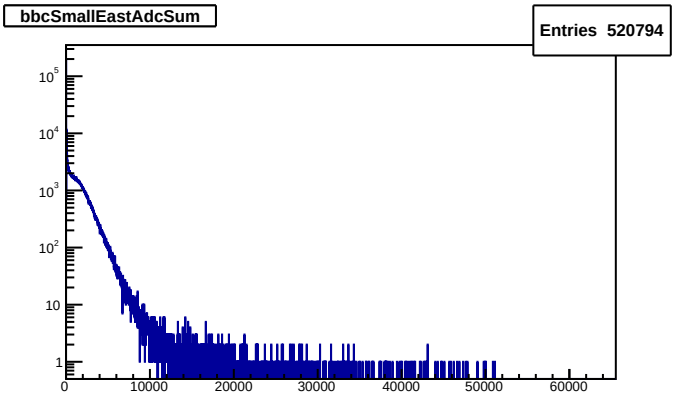

EQ2 QTC
Entries 4.999622e+07
TADC
QT Input Channel

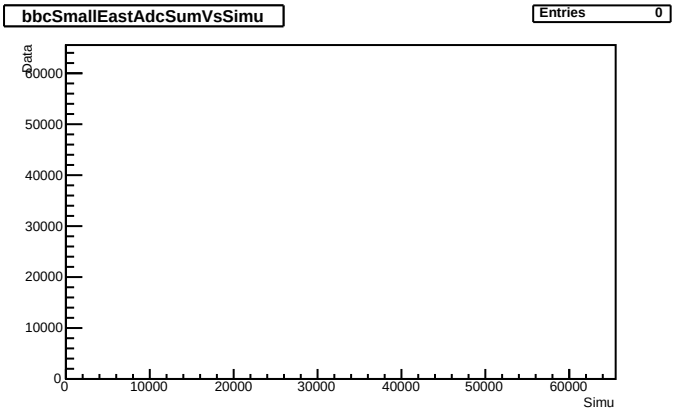

EQ3 QTB
Entries 1.333233e+08
ADC
QT Input Channel

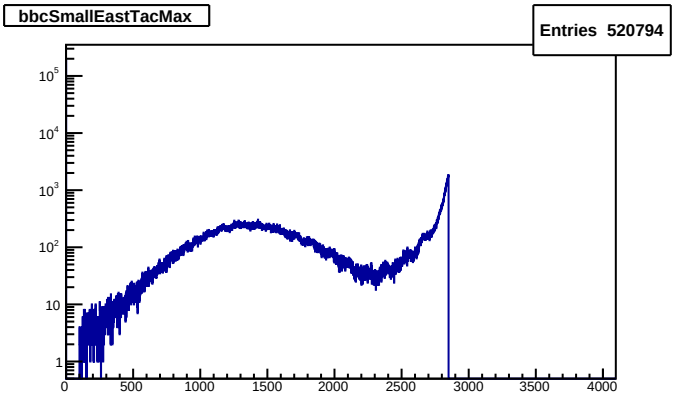

EQ3 QTB
Entries 4.163603e+07
TDC
QT Input Channel

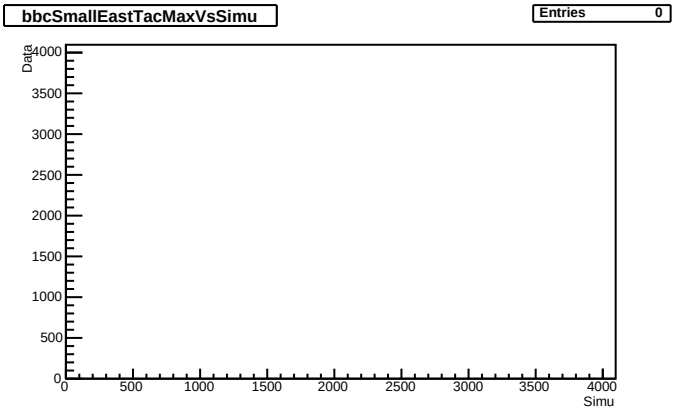

EQ3 QTC
Entries 4.999622e+07
ADC
QT Input Channel

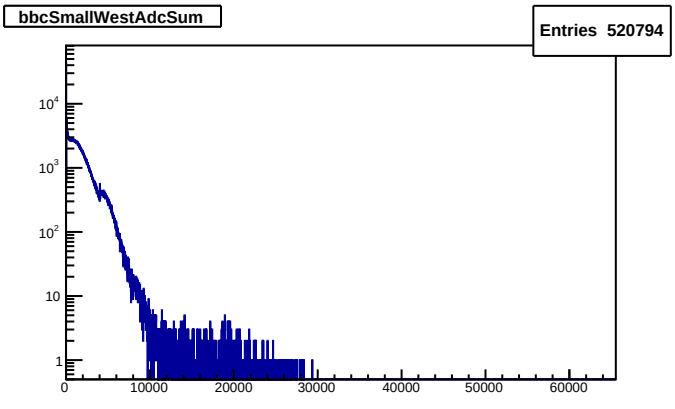

EQ3 QTC
Entries 4.999622e+07
TADC
QT Input Channel

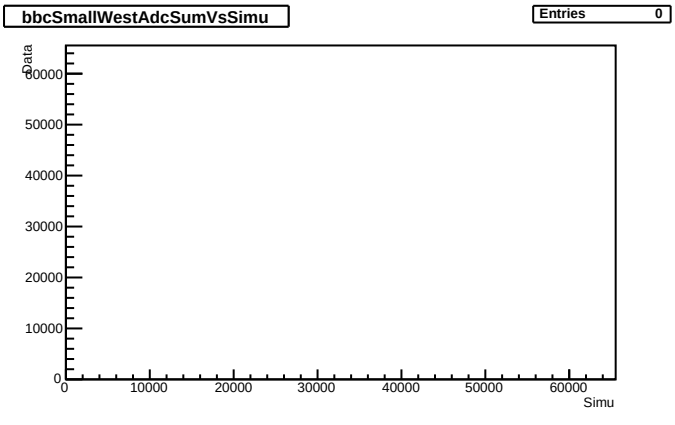

bbcSmallEastAdcSum
Entries 520794


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 520794


bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 520794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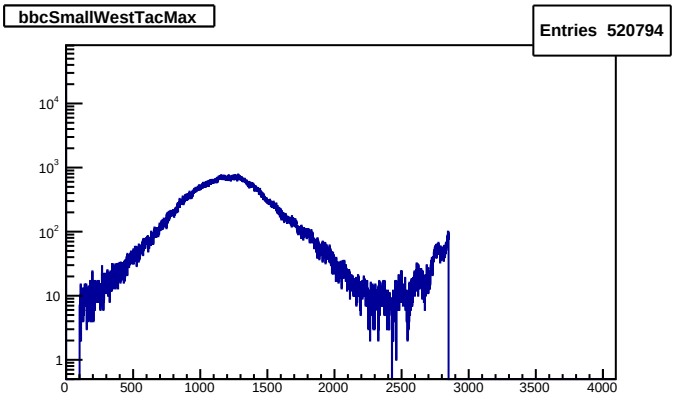
Entries 0
Data
Simu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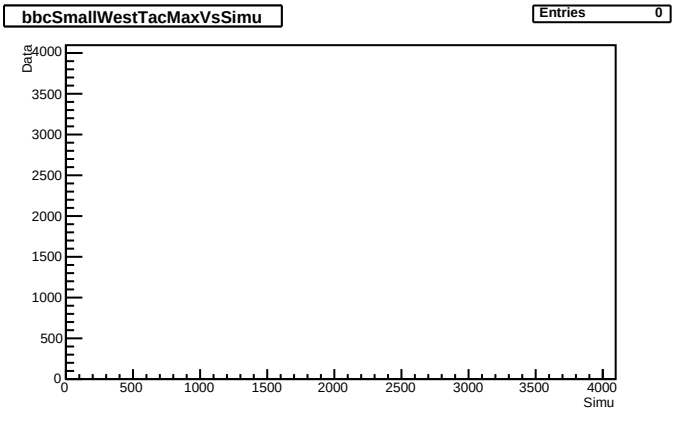
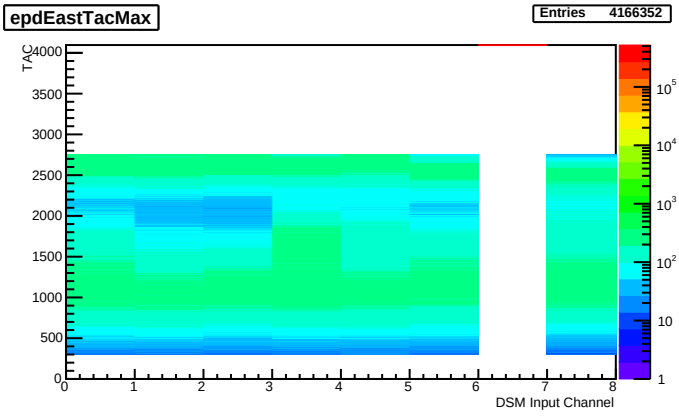
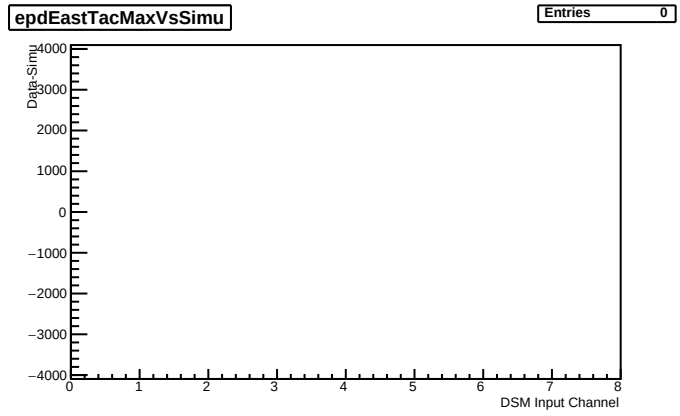
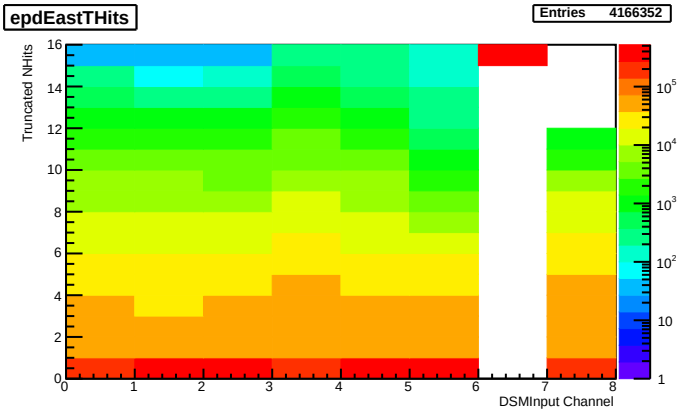
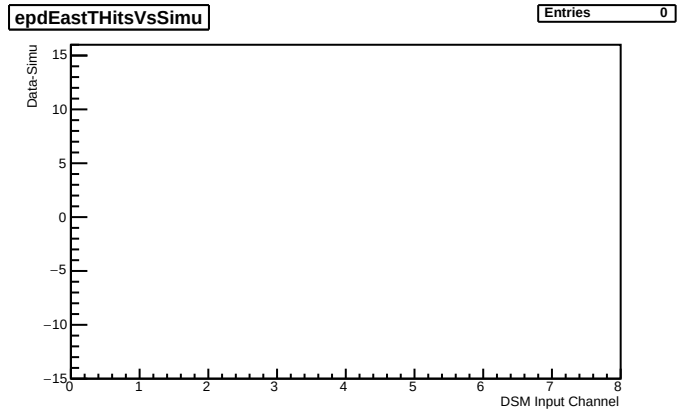
Entries 520794


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 4166352
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4166352
Truncated NHits
DSMInput Channel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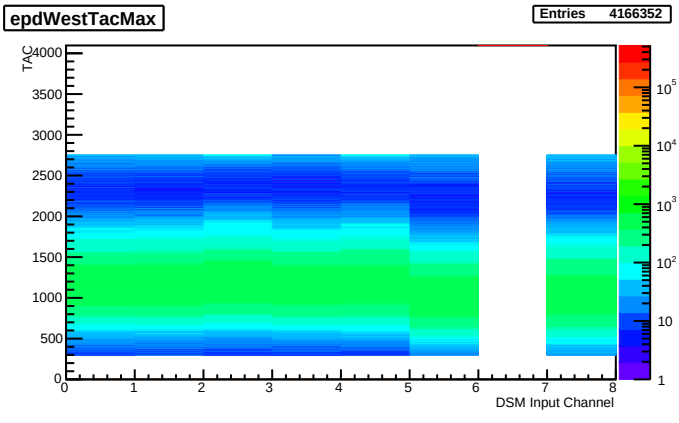
DSM Input Channel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Entries 4166352
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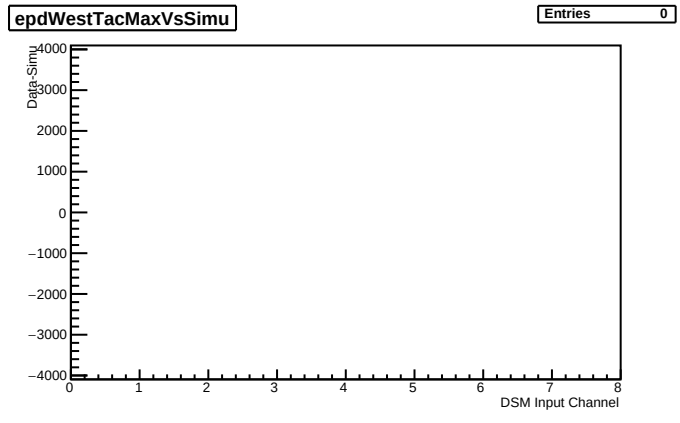
DSM Input Channel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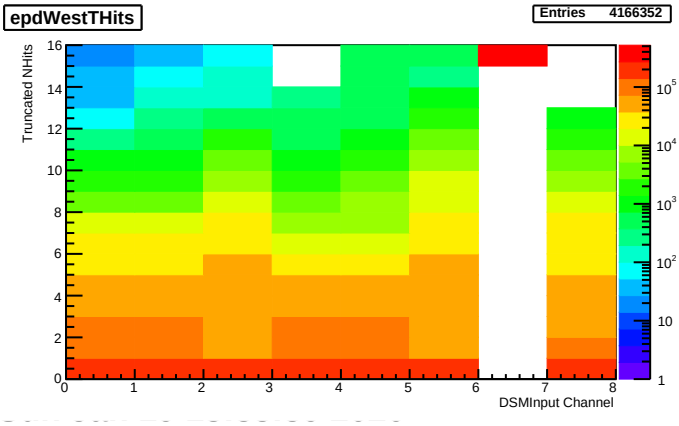
Entries 0
Data-Simu
DSM Input Channel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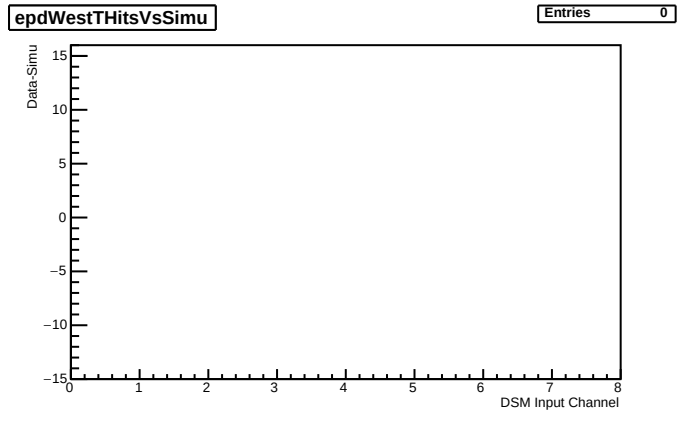
Truncated NHits
DSMInput Channel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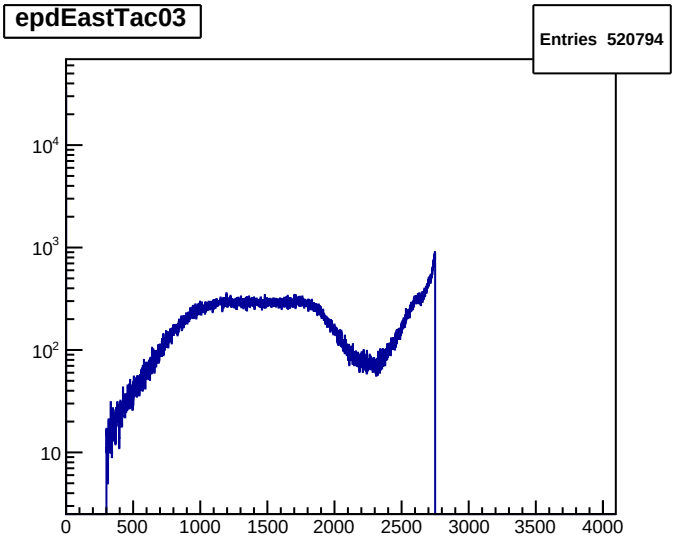
Entries 0
Data-Simu
DSM Input Channel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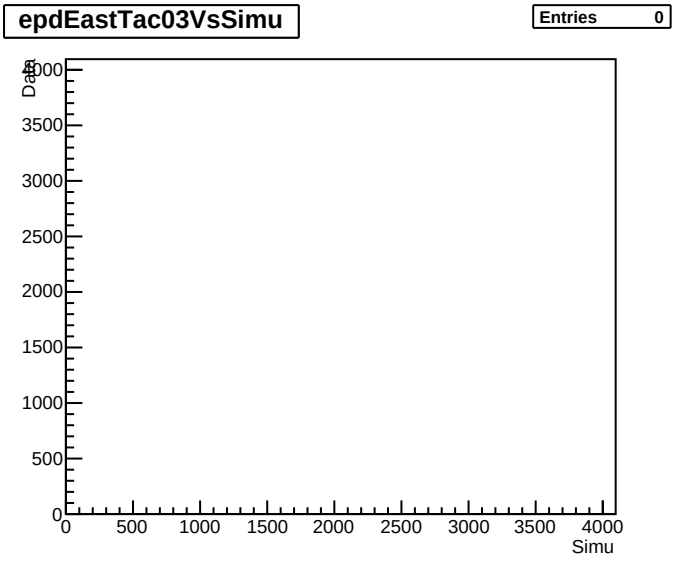
Entries 520794
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac03VsSimu
Entries 0
Data
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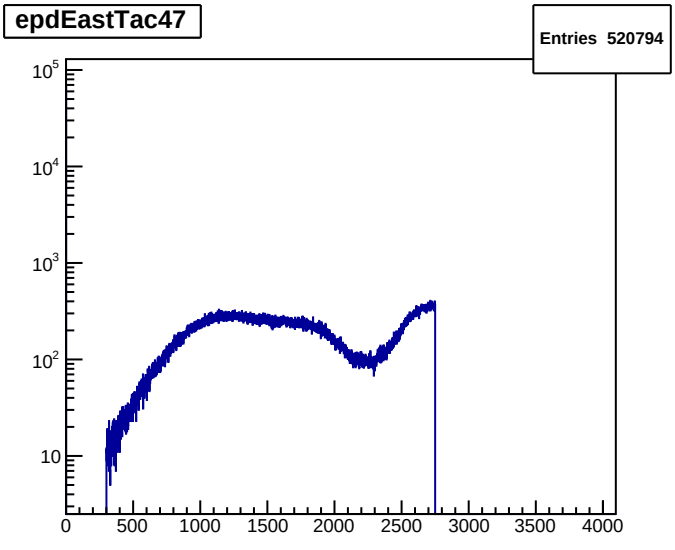
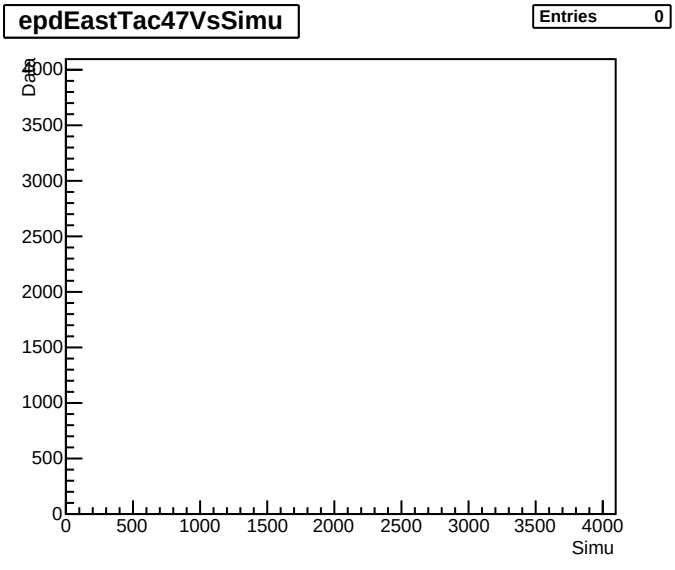
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastTac47
Entries 520794
10^5
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000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Entries 0
Data
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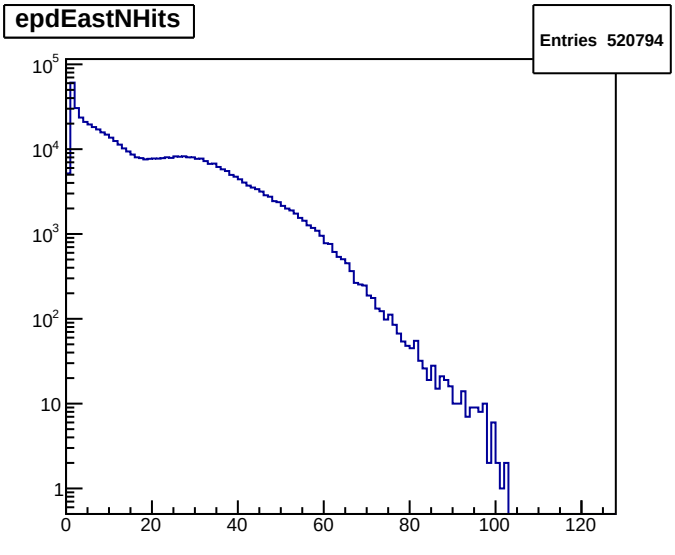
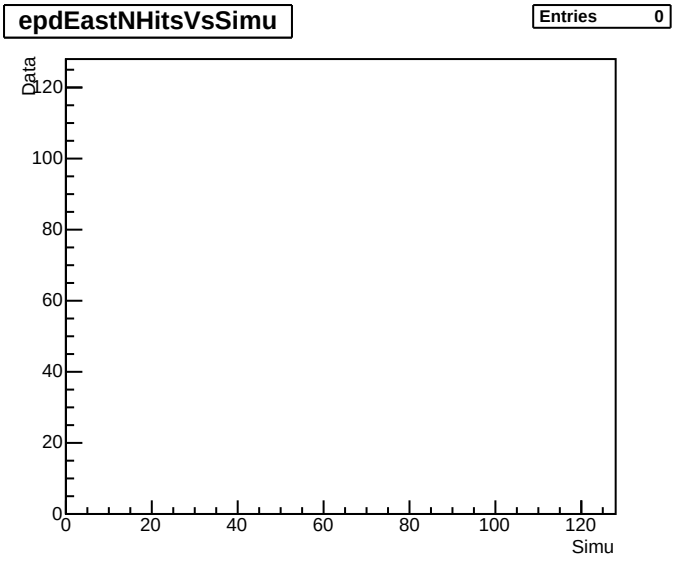
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 520794
10^5
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120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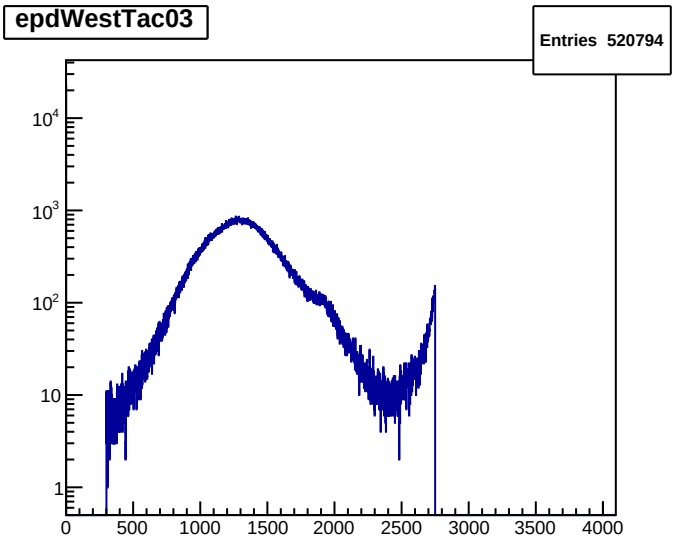
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu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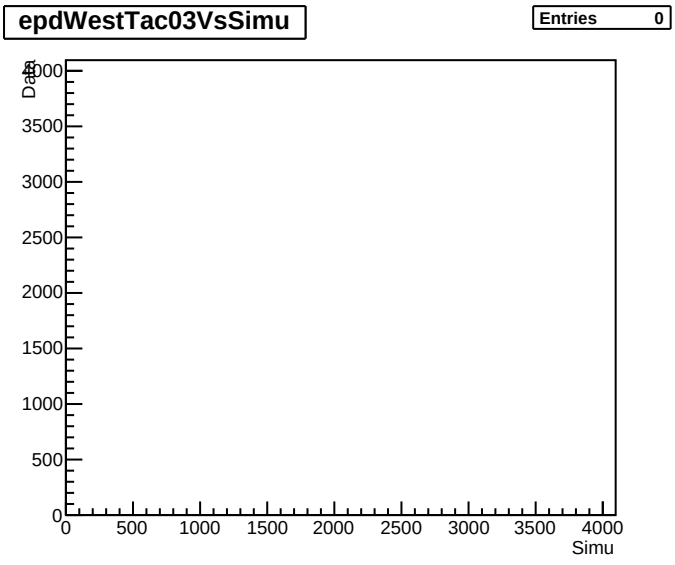
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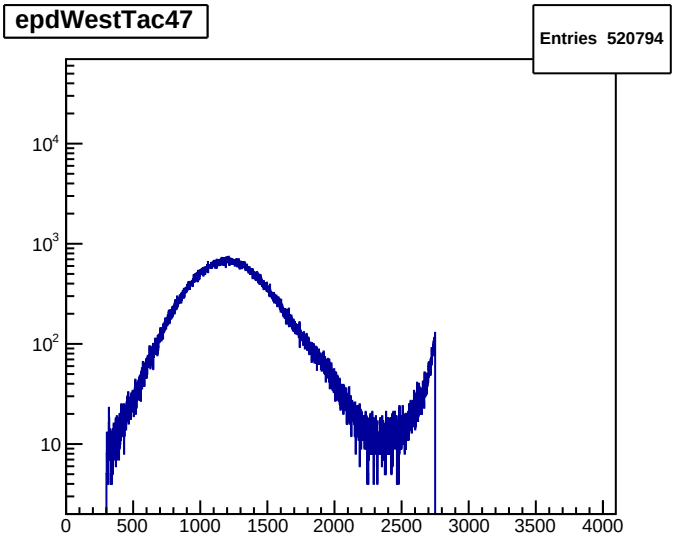
Simu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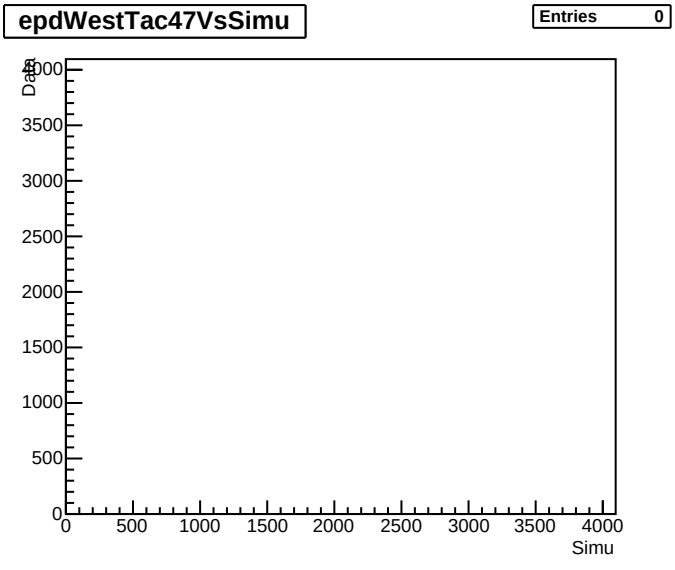
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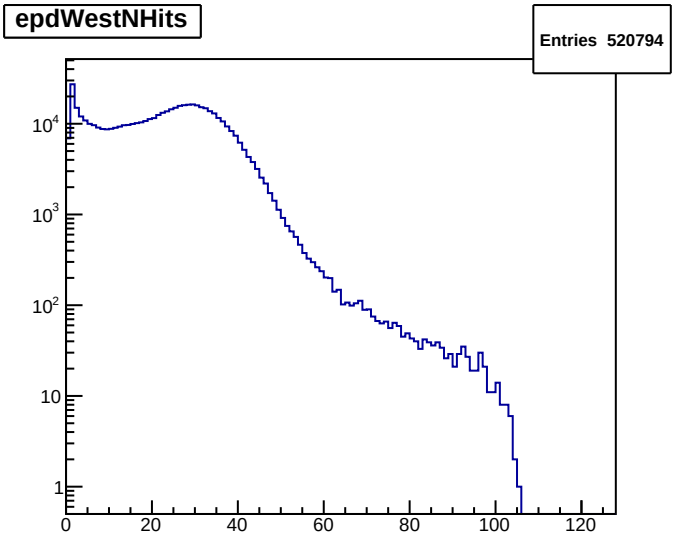
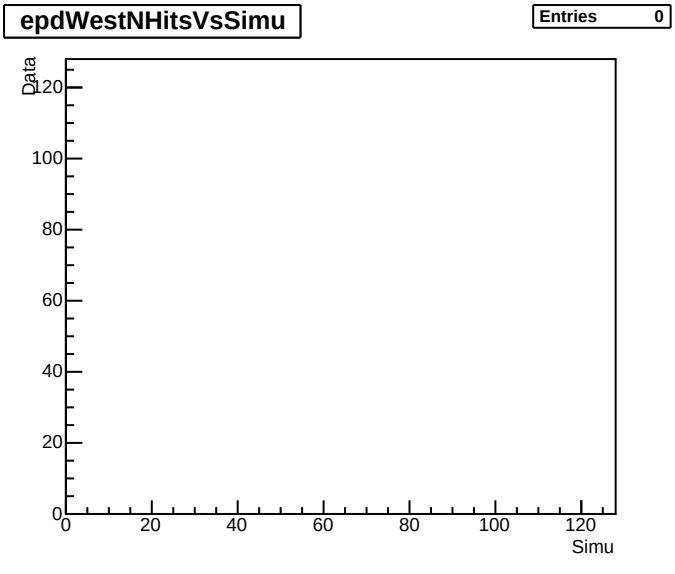
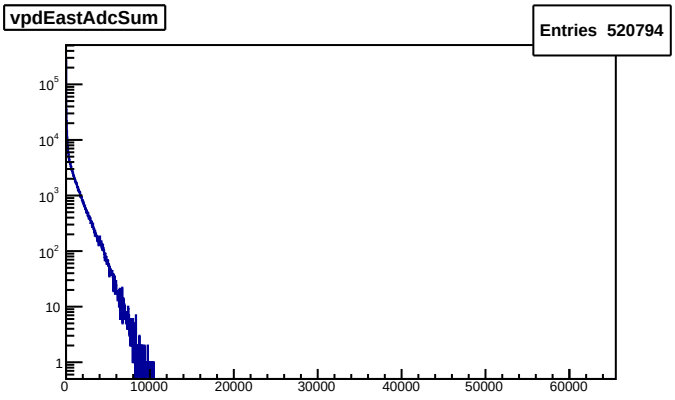
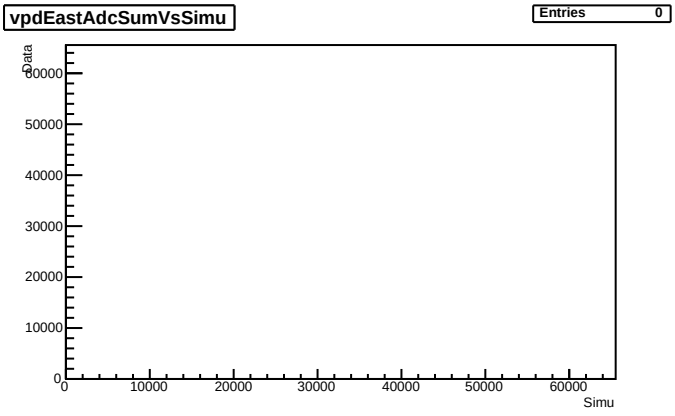
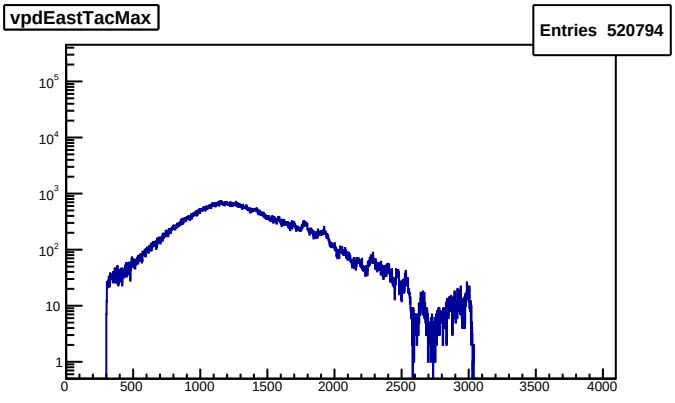
Entries 0
Data
Simu


epdWestNHits
Entries 520794


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 520794


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
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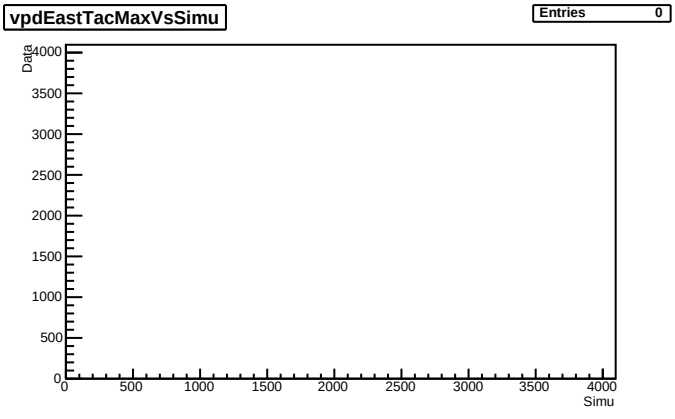
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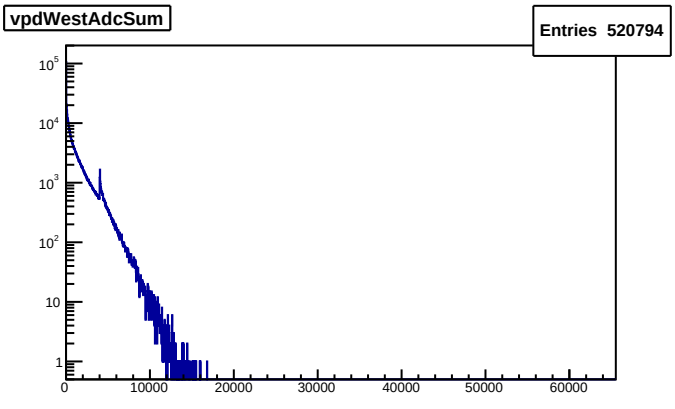
Entries 0
Data
Simu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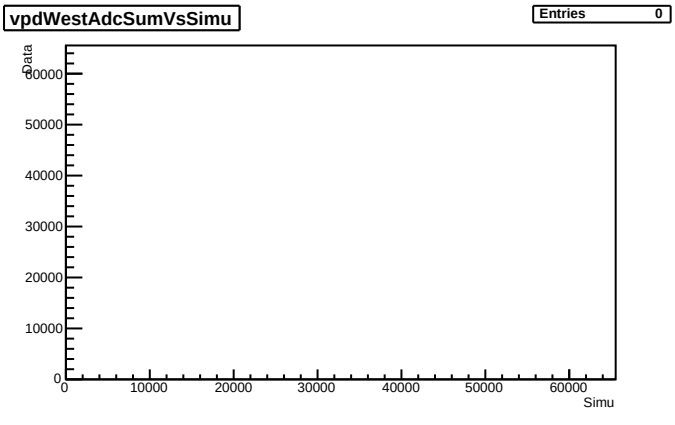
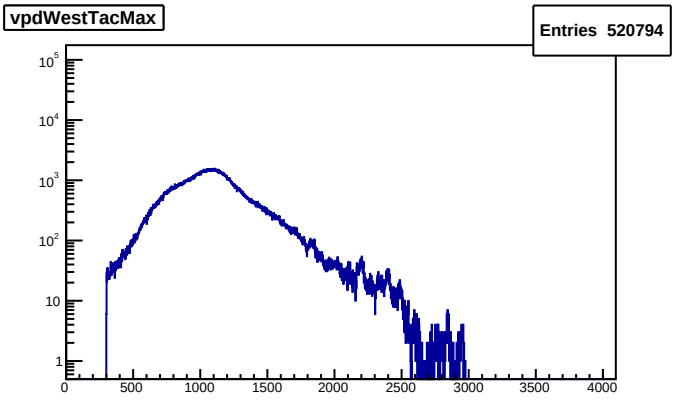
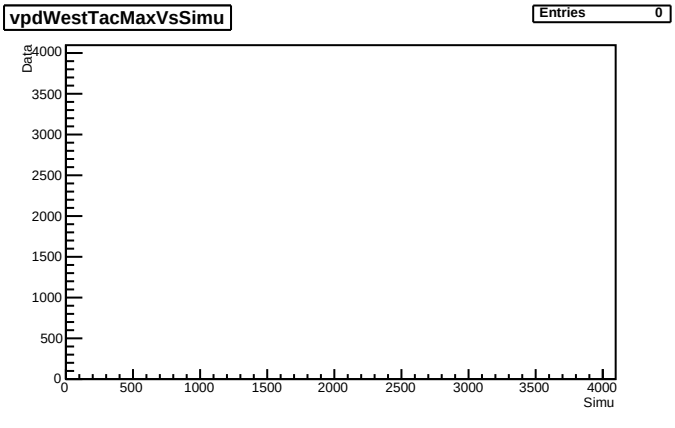
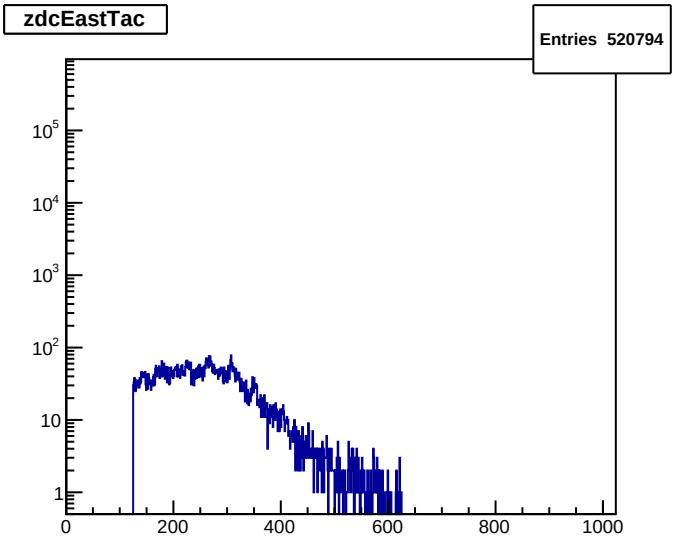
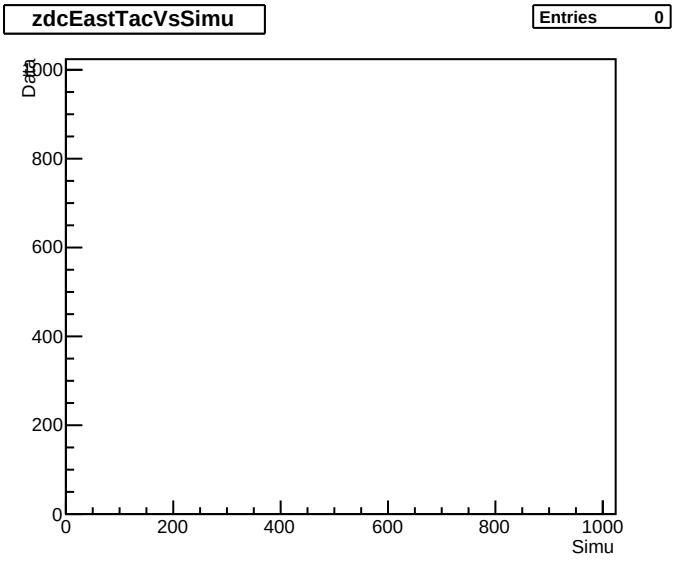
Entries 520794

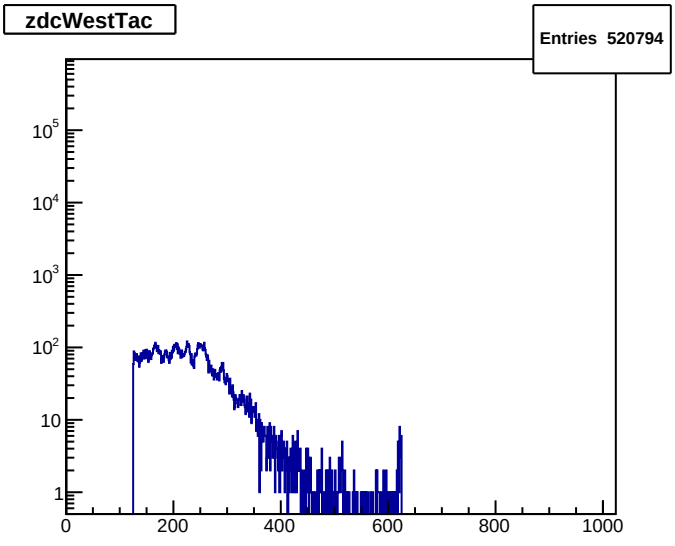

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

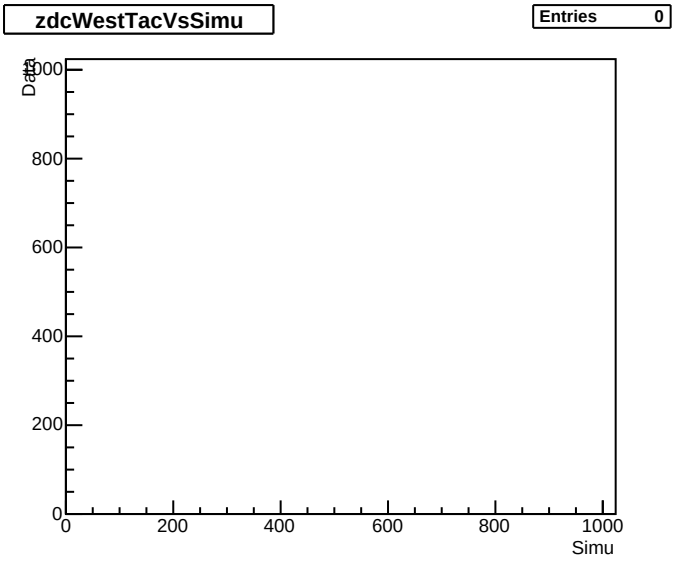

vpdWestTacMax
Entries 520794

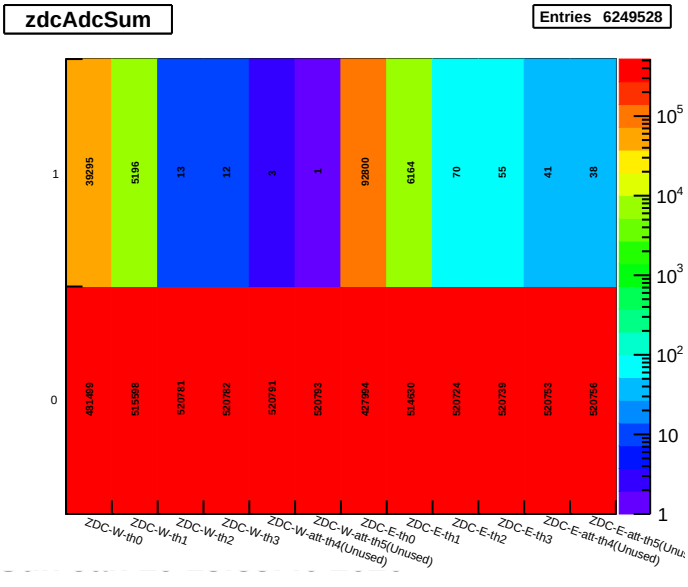

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 520794


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 520794


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 6249528
39295
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13
12
3
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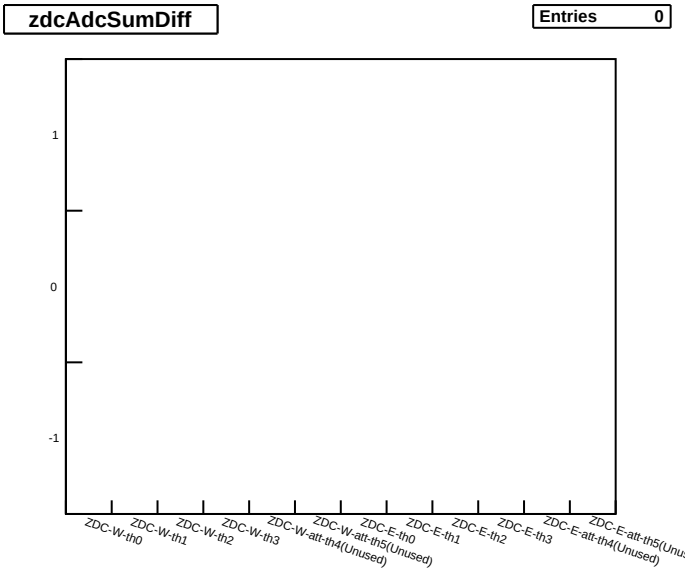
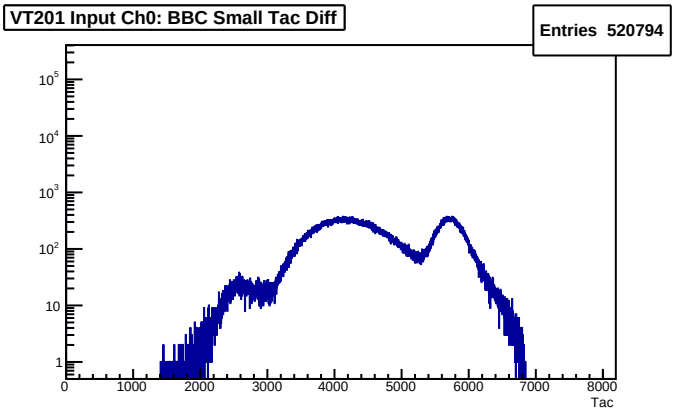
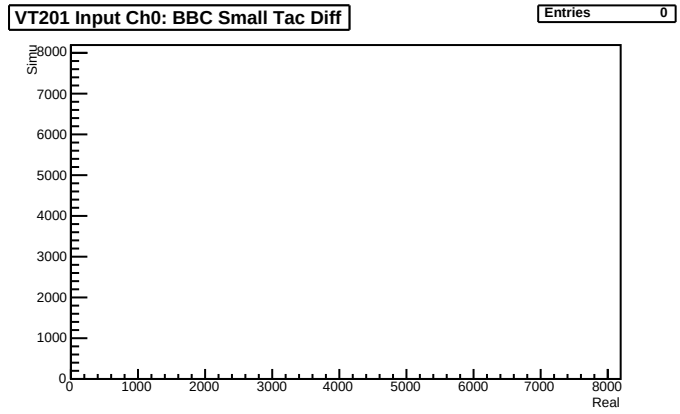
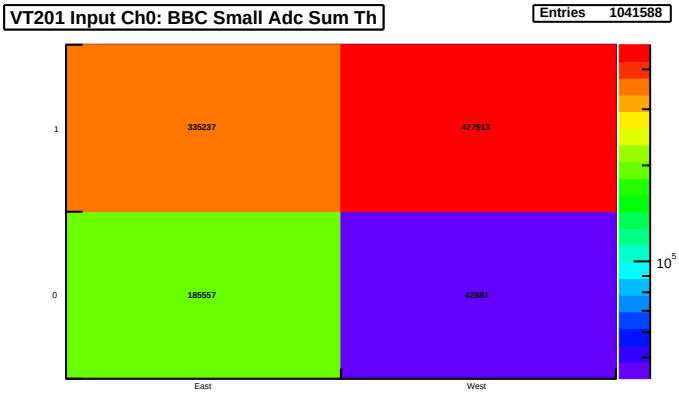
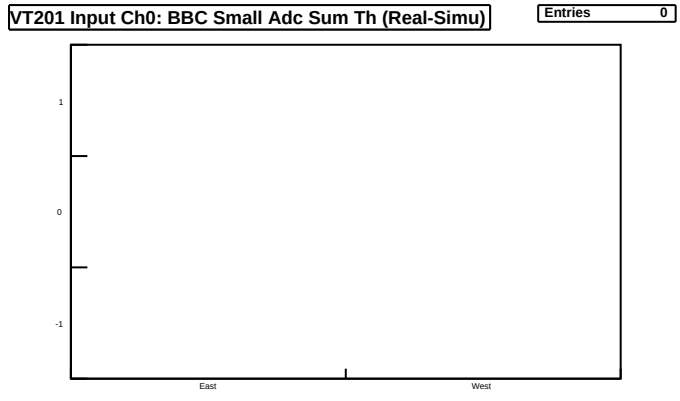
92800
6164
70
55
41
38
481499
515598
520781
520782
520791
520793
427994
514630
520724
520739
520753
520756
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

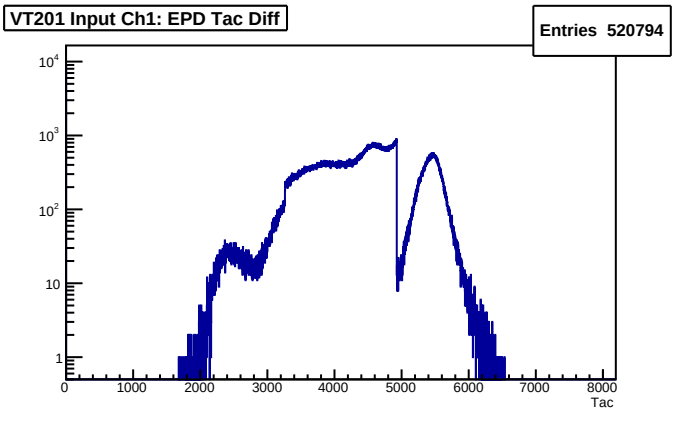

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

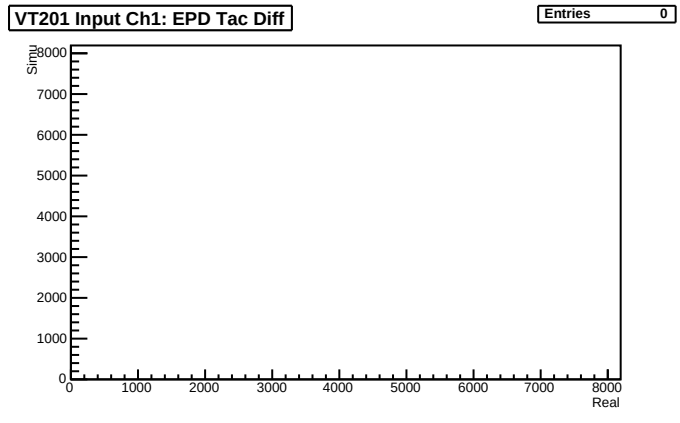

VT201 Input Ch0: BBC Small Tac Diff
Entries 520794
Tac

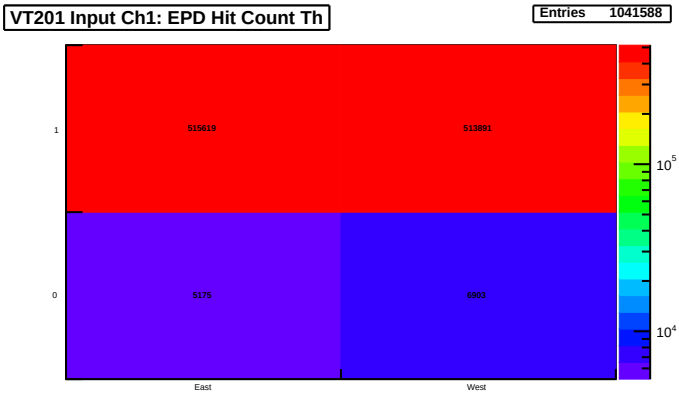

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

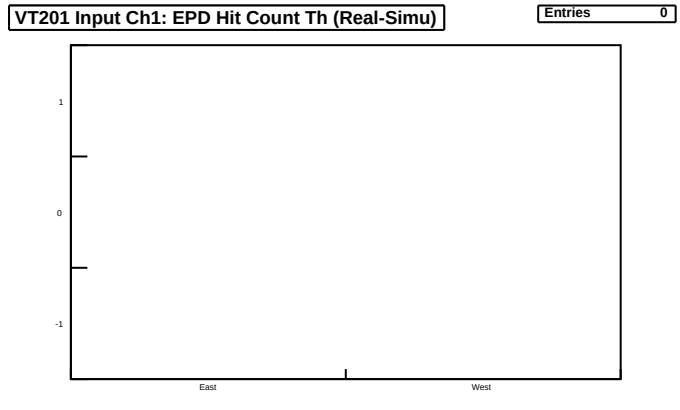

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1041588
335237
477913
185557
42881
East
West

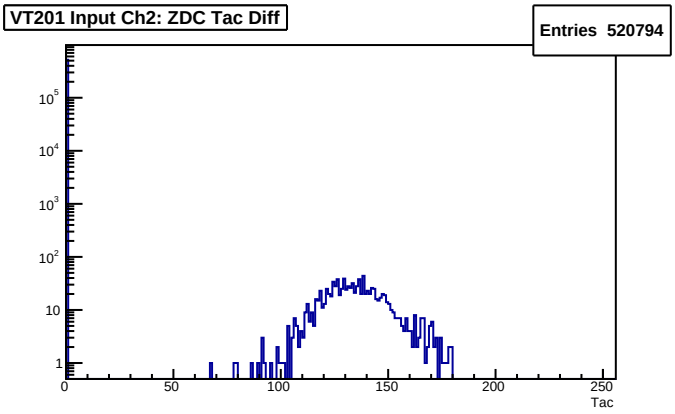

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

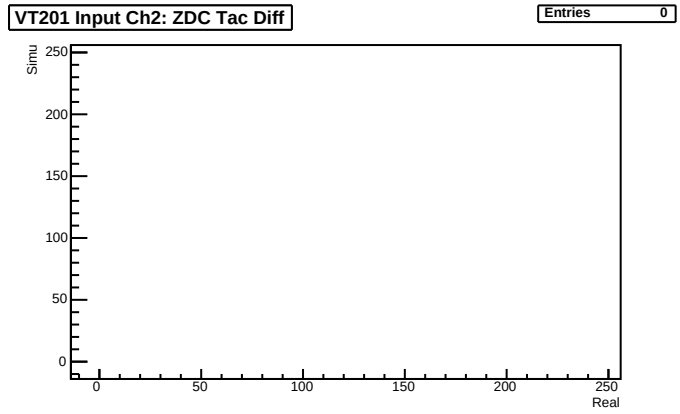

VT201 Input Ch1: EPD Tac Diff
Entries 520794
Tac

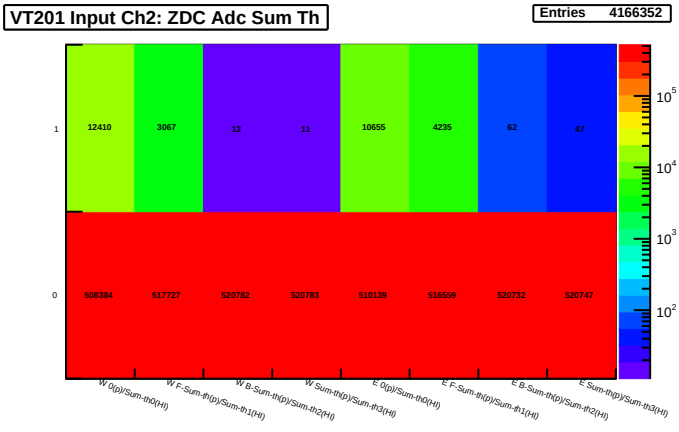

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

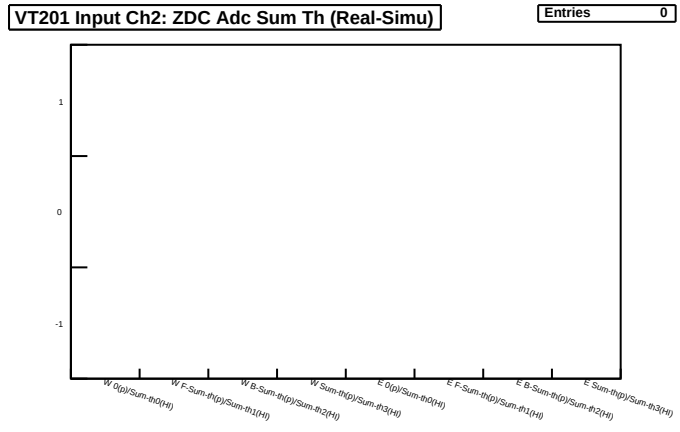

VT201 Input Ch1: EPD Hit Count Th
Entries 1041588
515819
513891
5175
6903
East
West

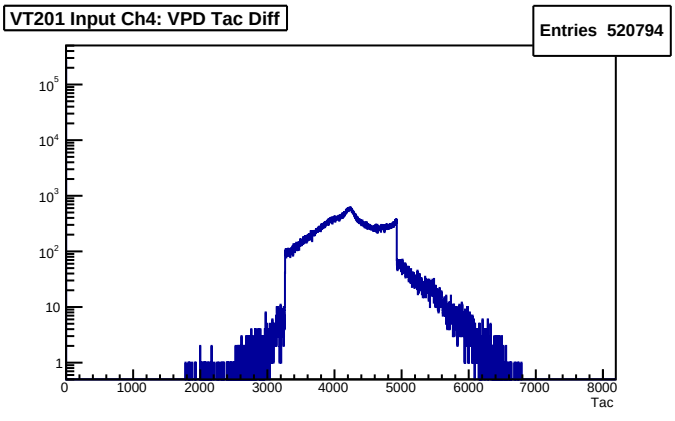

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

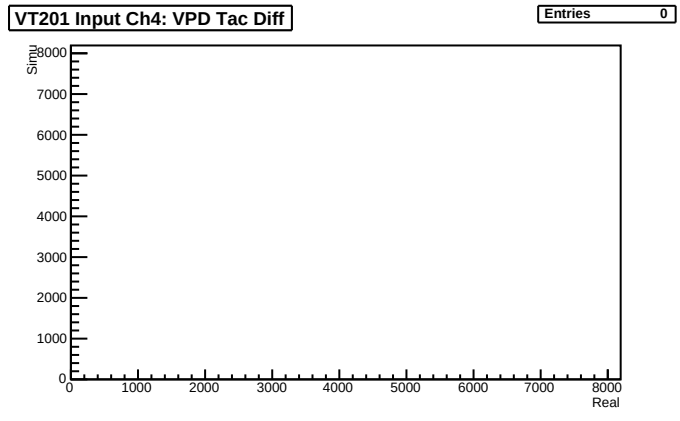

VT201 Input Ch2: ZDC Tac Diff
Entries 520794
Tac

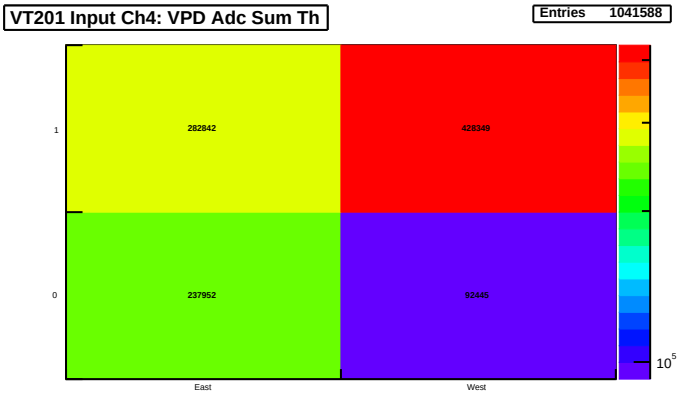

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

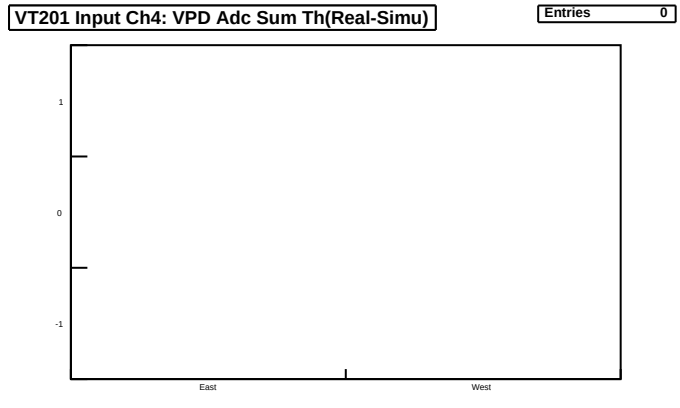

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4166352
12410
3067
12
11
10655
4235
62
47
508384
517727
520782
520783
510139
516559
520732
520747
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

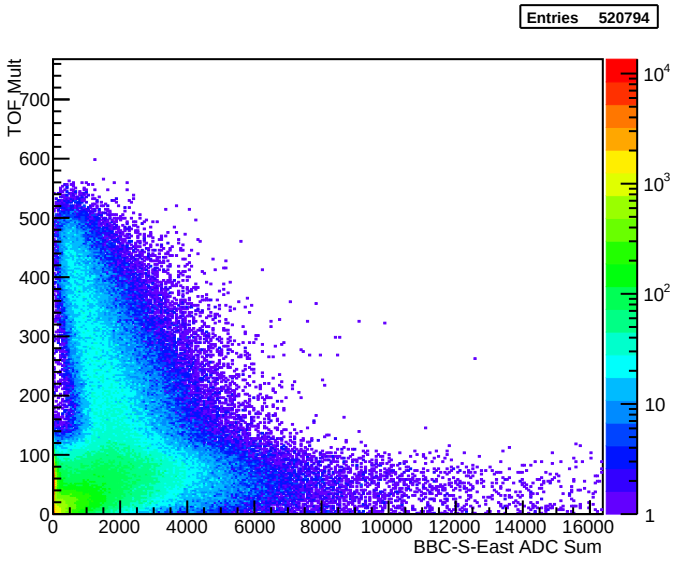

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

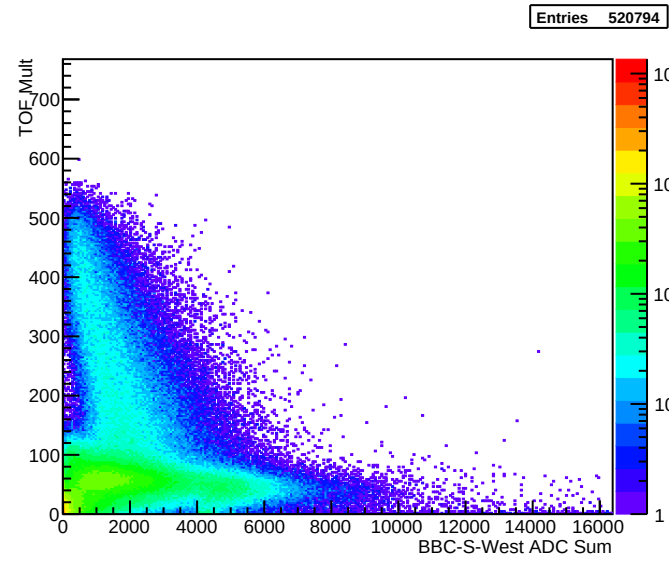

VT201 Input Ch4: VPD Tac Diff
Entries 520794
Tac

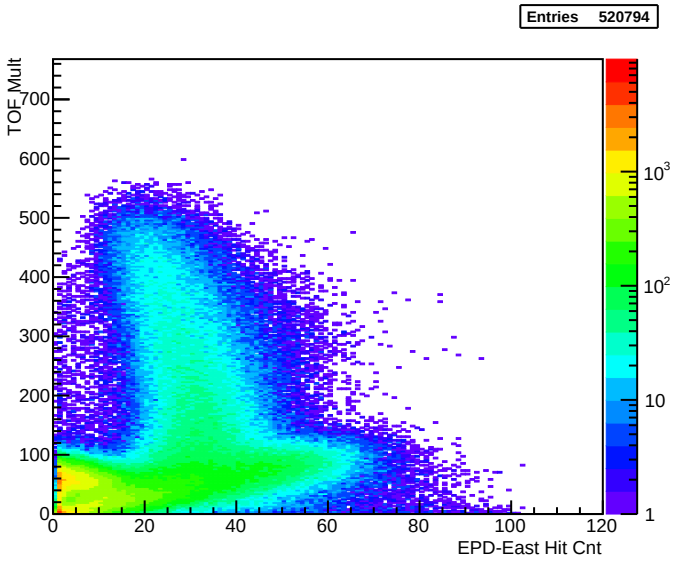

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

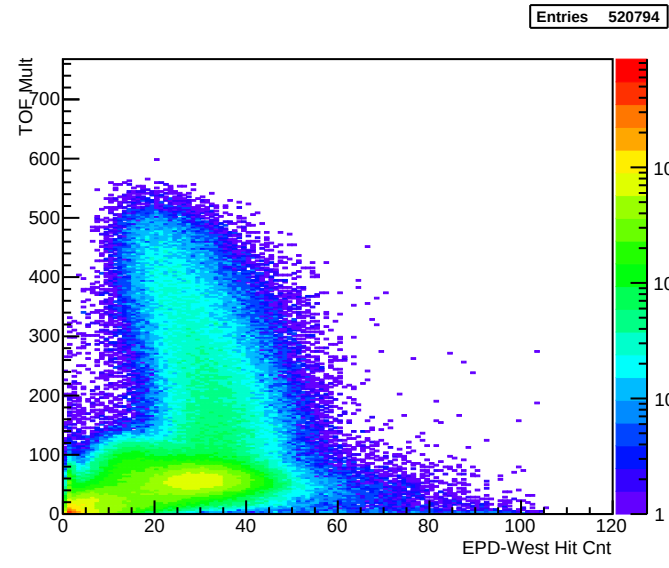

VT201 Input Ch4: VPD Adc Sum Th
Entries 1041588
282842
428349
237952
92445
East
West

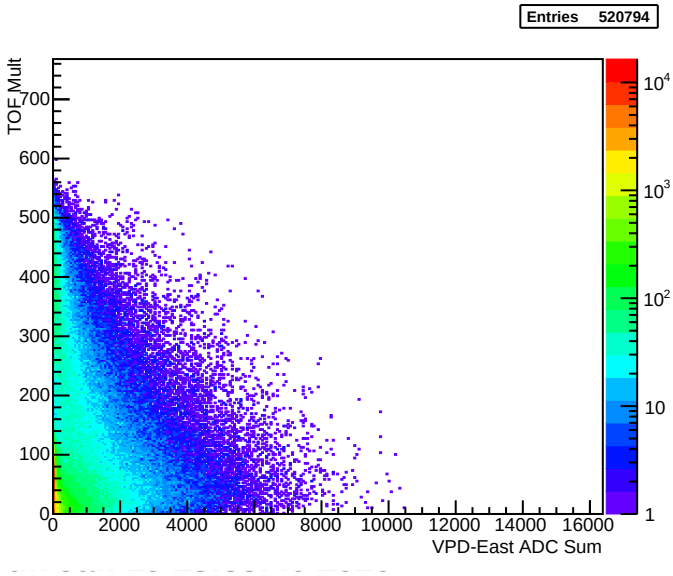

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

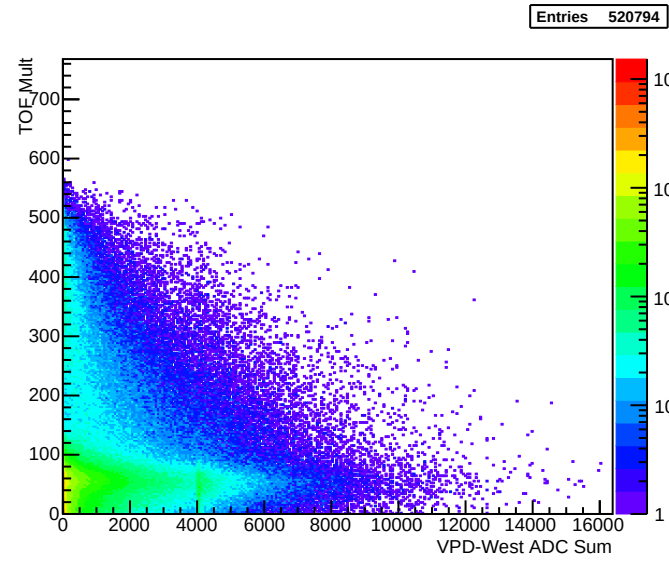

Entries 520794
TOF_Mult
BBC-S-East ADC Sum

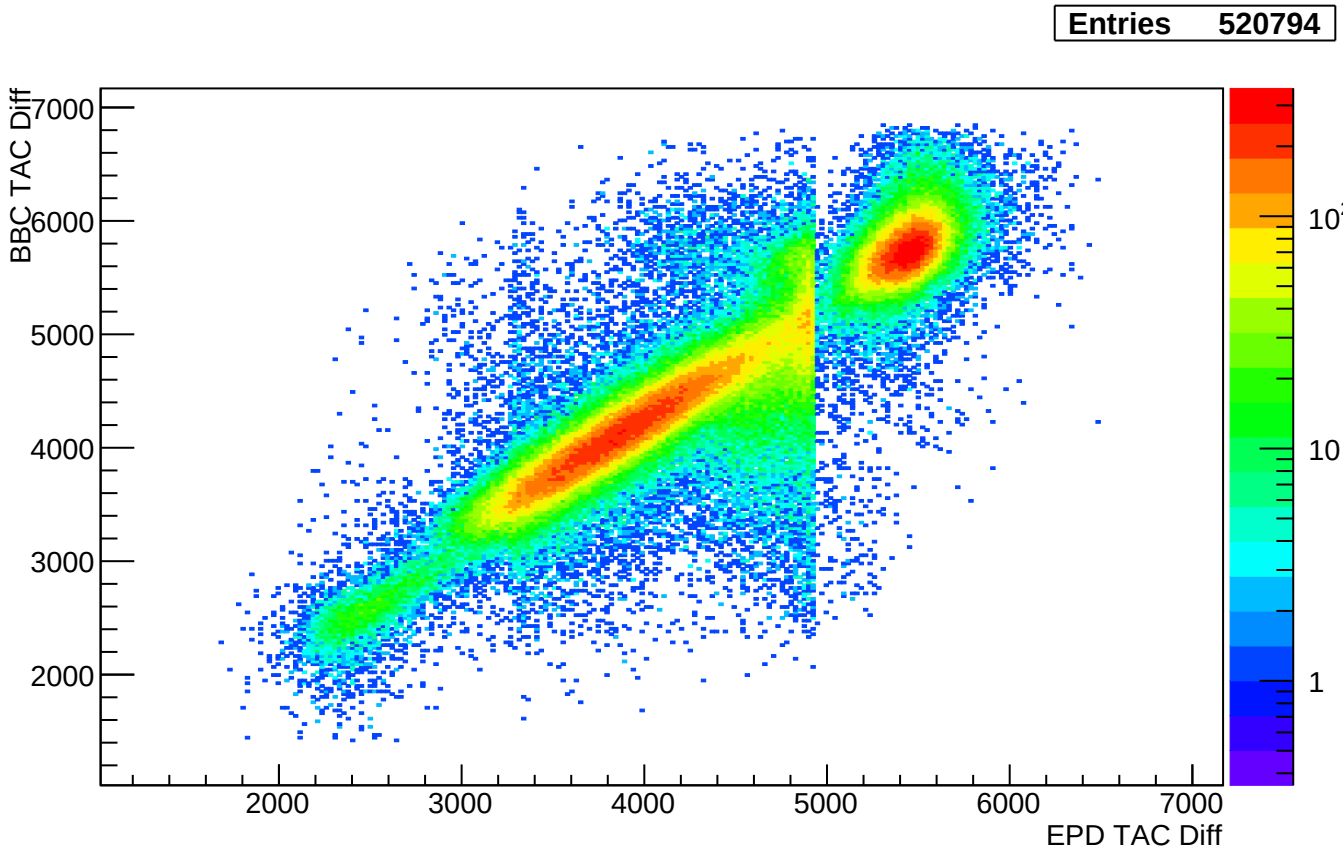

Entries 520794
TOF_Mult
BBC-S-West ADC Sum

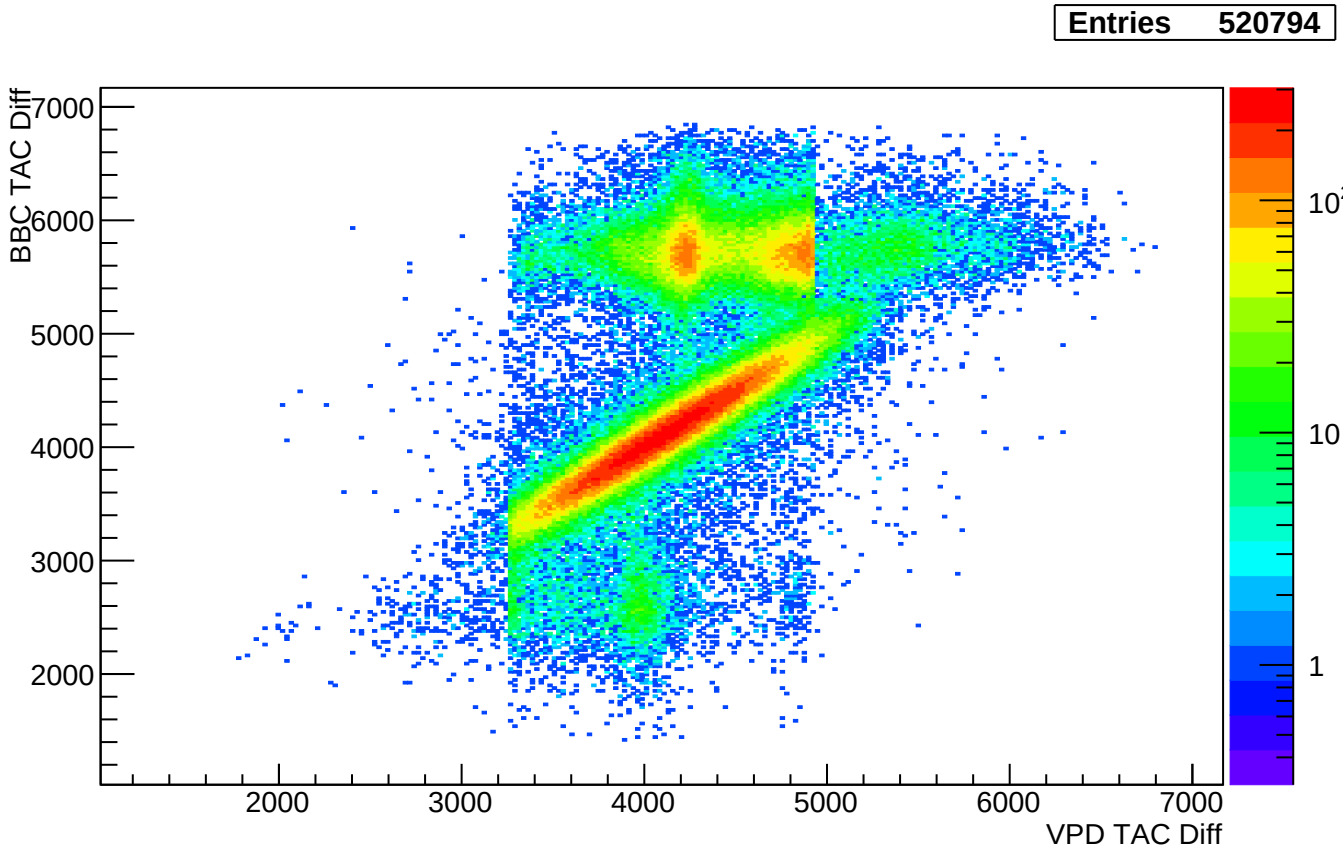

Entries 520794
TOF_Mult
EPD-East Hit Cnt

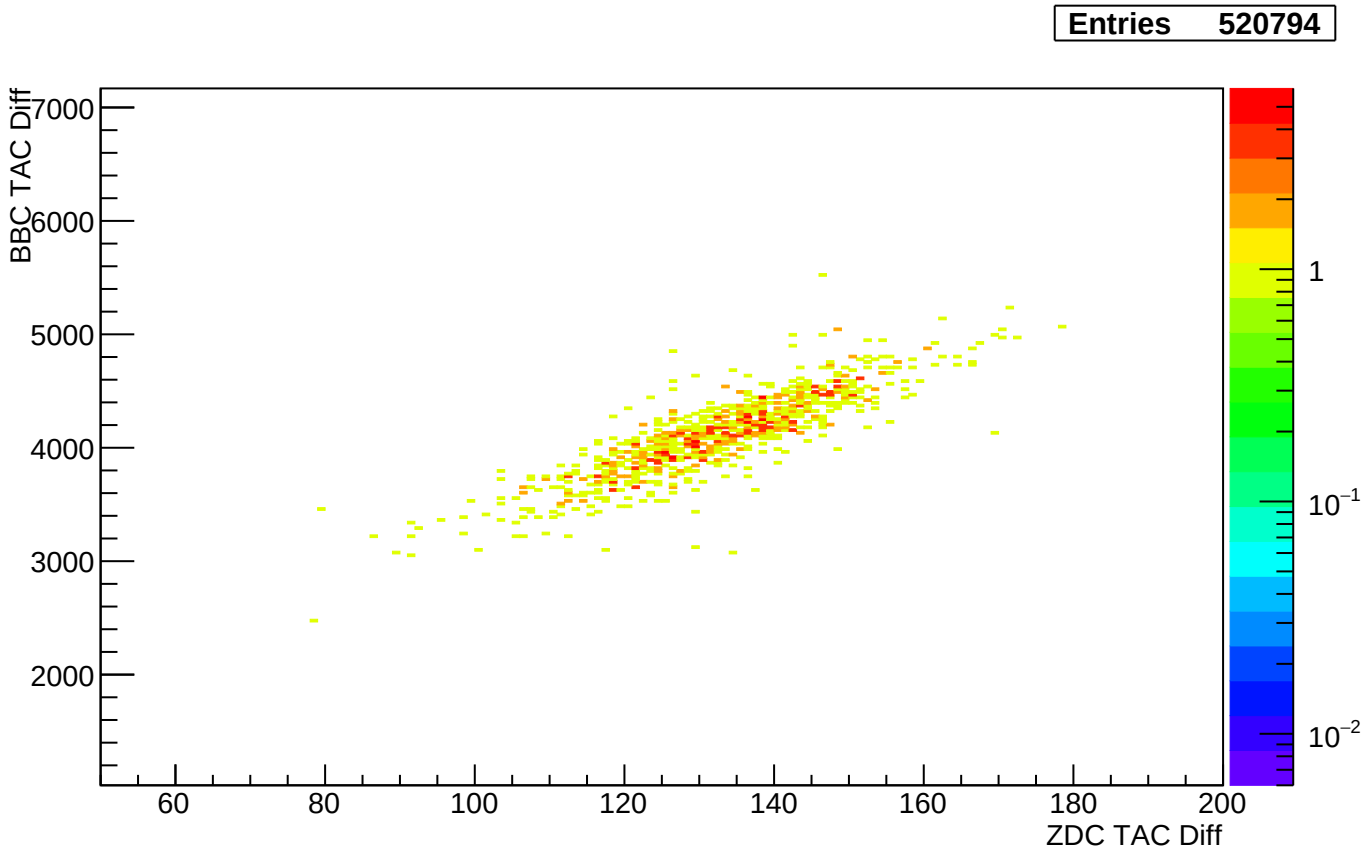

Entries 520794
TOF_Mult
EPD-West Hit Cnt

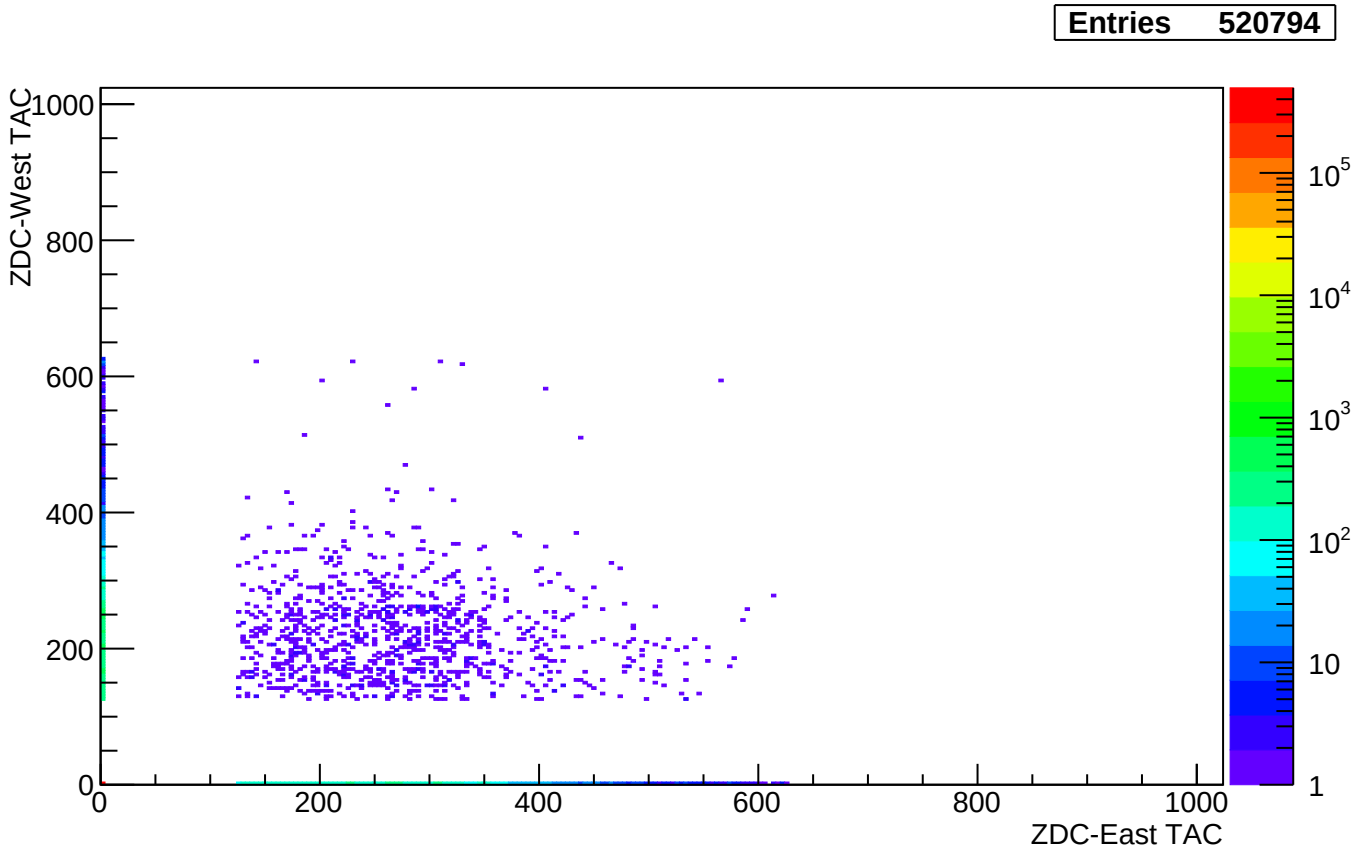

Entries 520794
TOF_Mult
VPD-East ADC Sum

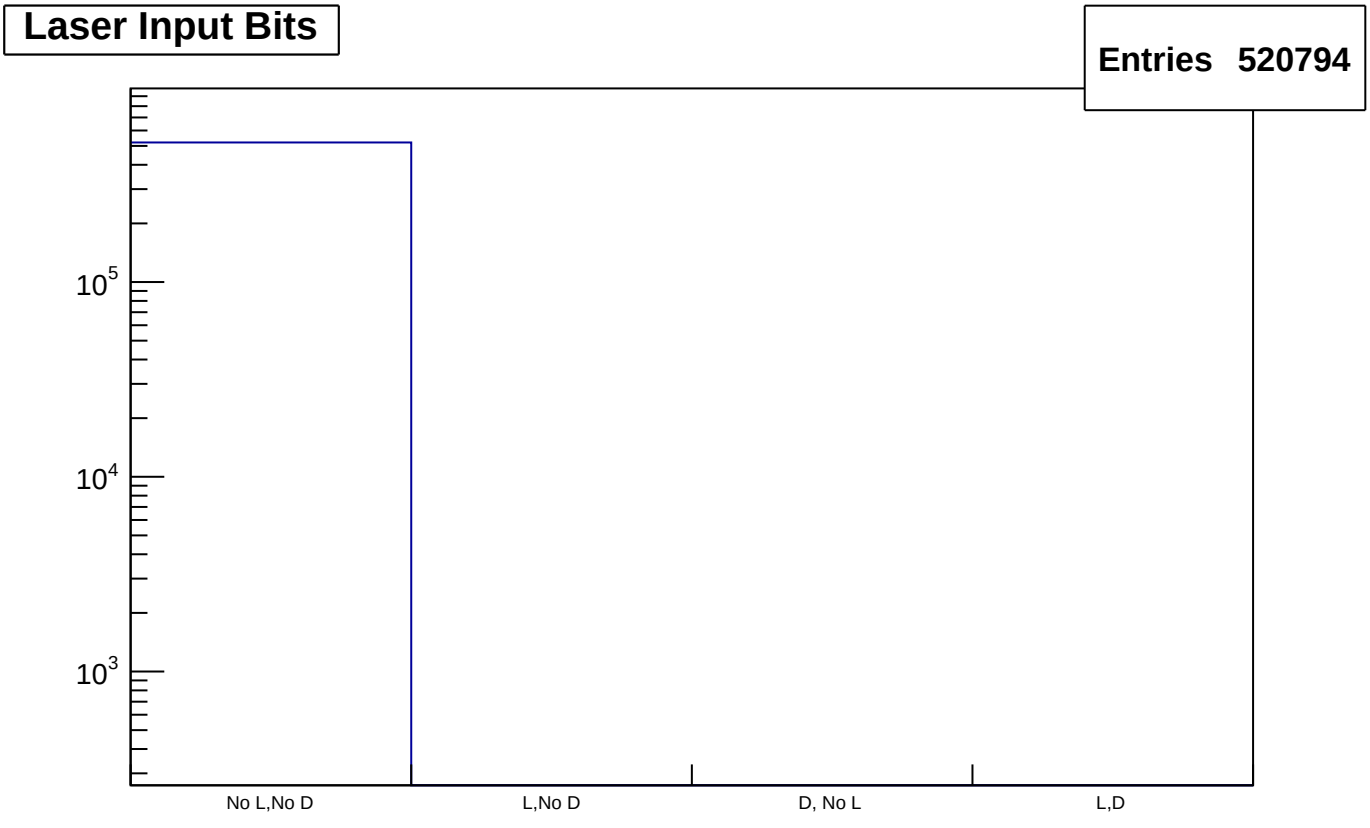

Entries 520794
TOF_Mult
VPD-West ADC Sum

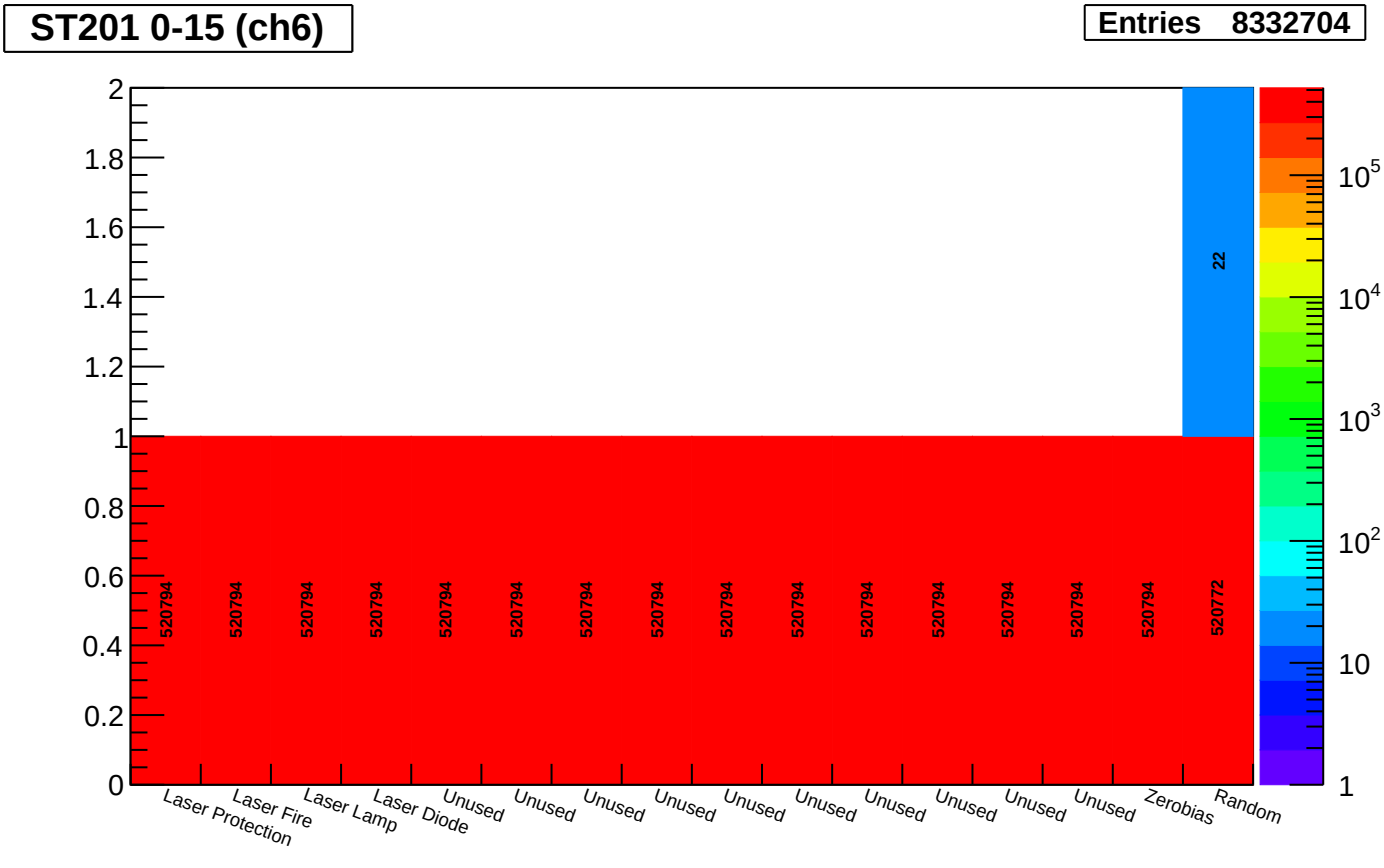

Entries 520794
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

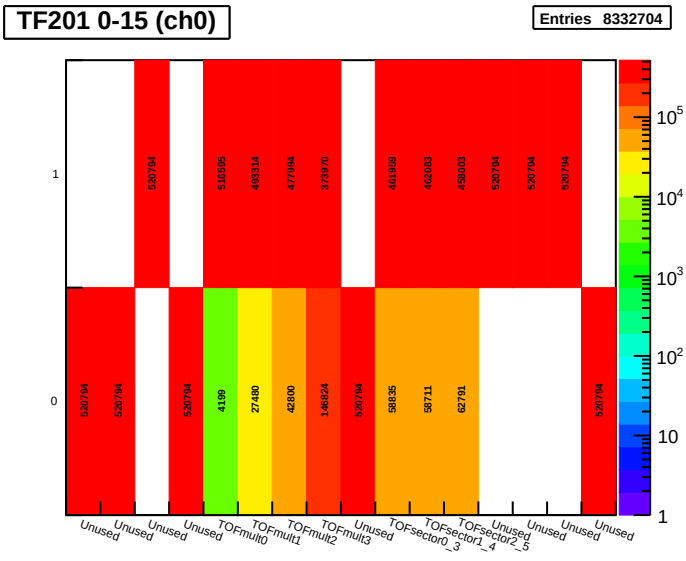

Entries 520794
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

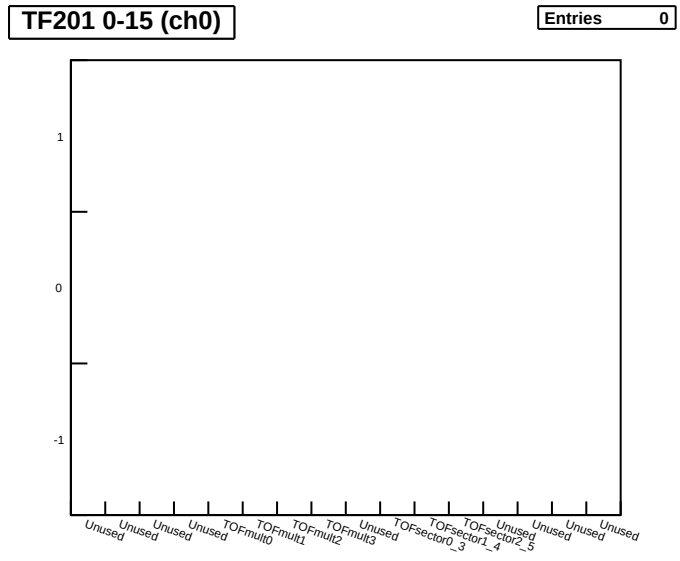

Entries 520794
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

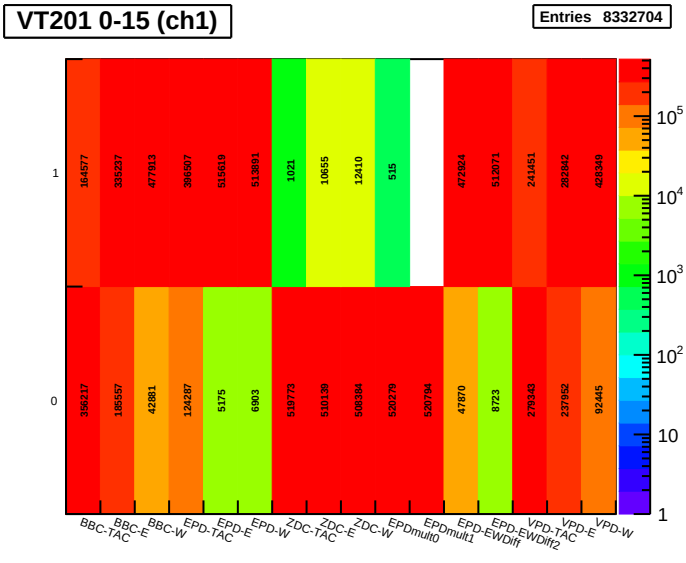

Entries 520794
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

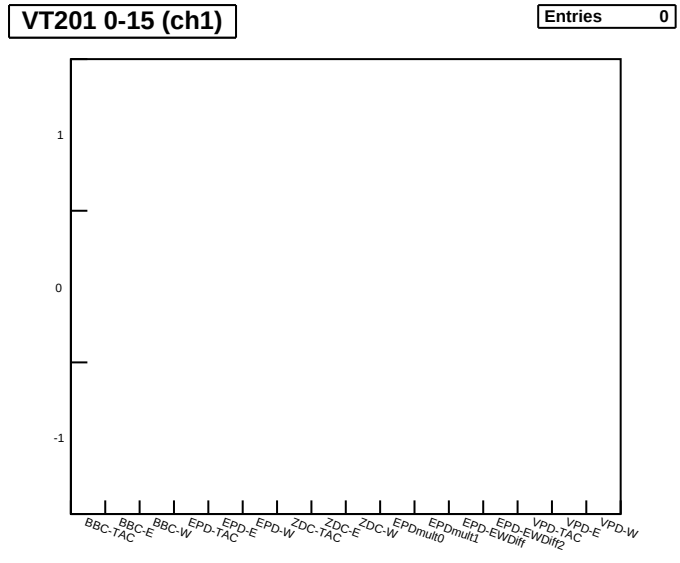

Laser Input Bits
Entries 520794
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

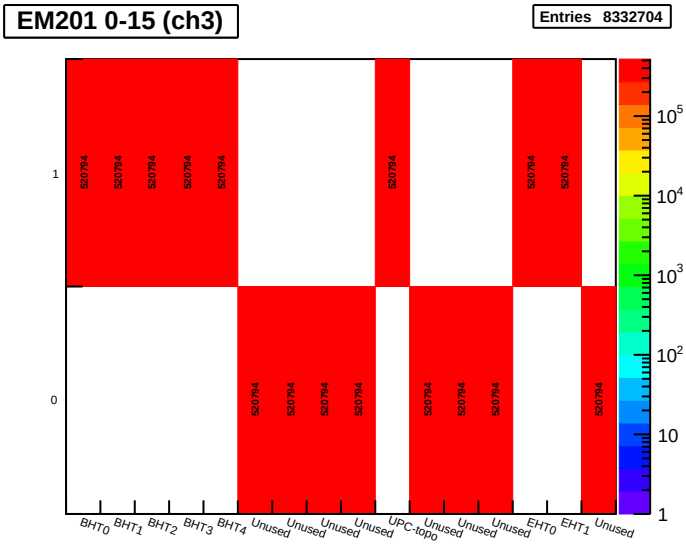

ST201 0-15 (ch6)
Entries 8332704
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
22
520794
520794
520794
520794
520794
520794
520794
520794
520794
520794
520794
520794
520794
520794
520794
520772
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

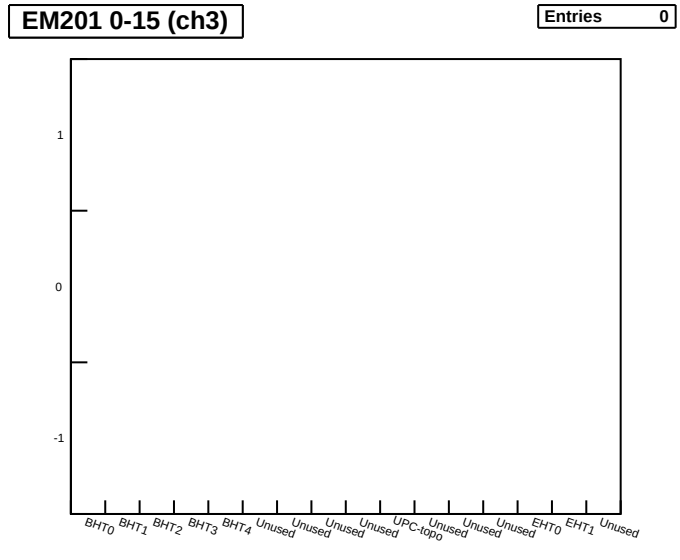

TF201 0-15 (ch0)
Entries 8332704
1
0
520794
516595
493314
477994
373970
461959
462083
458003
520794
520794
520794
520794
520794
4199
27480
42800
146824
58835
58711
62791
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 8332704
1
0
164577
335237
477913
396507
515619
513891
1021
10655
12410
515
472924
512071
241451
282842
428349
356217
185557
42881
124287
5175
6903
519773
510139
508384
520279
520794
47870
8723
279343
237952
92445
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
1
10
10^2
10^3
10^4
10^5


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 8332704
1
0
520794
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


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