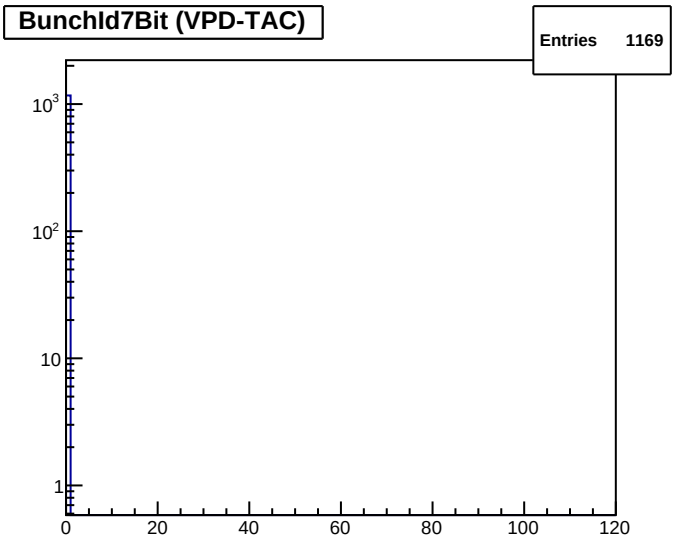
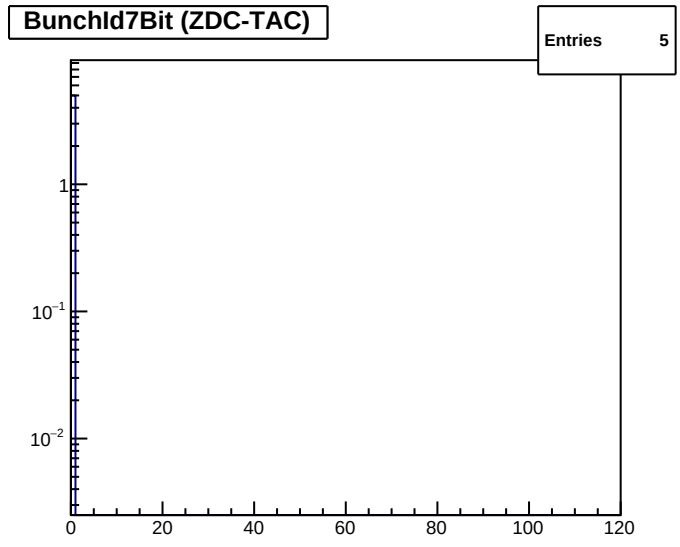
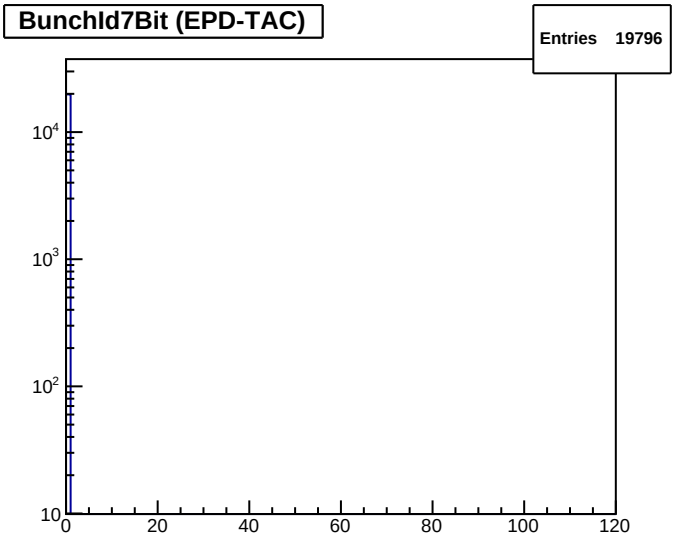
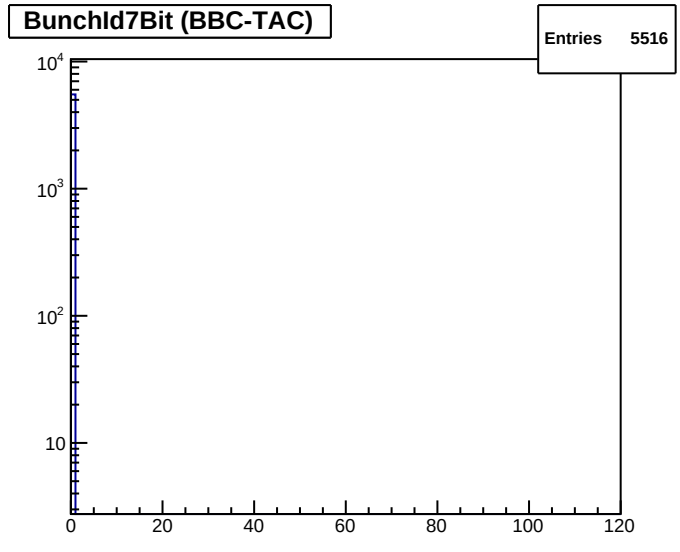
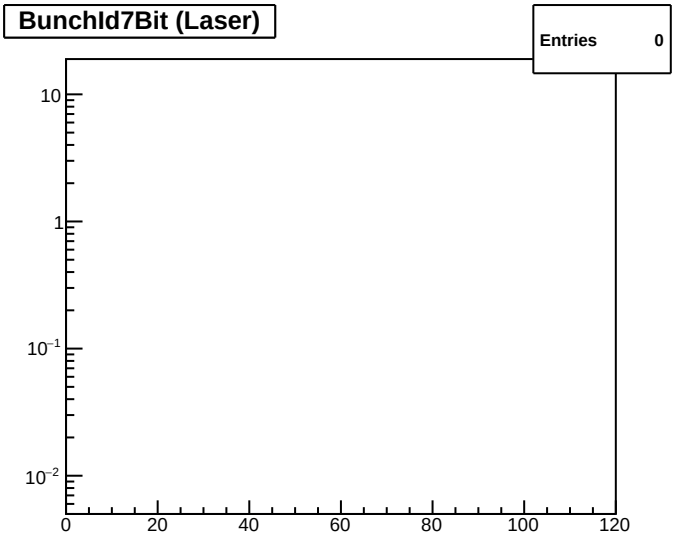
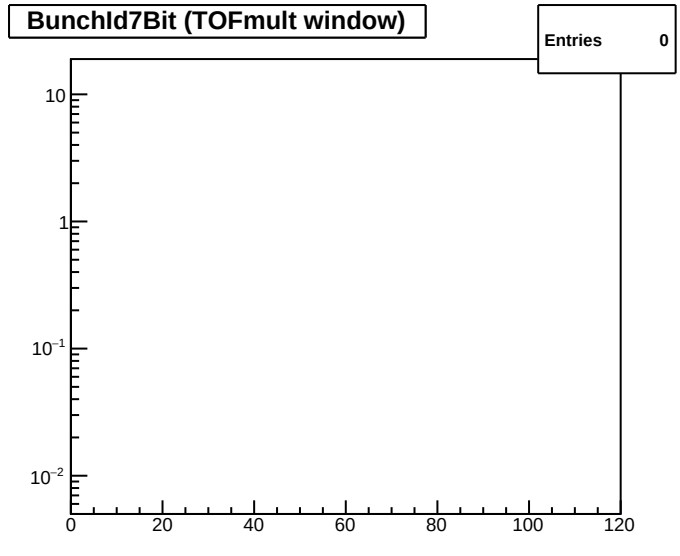

BunchId7Bit (VPD-TAC)
Entries 1169
10^3
10^2
10
1
0 20 40 60 80 100 120

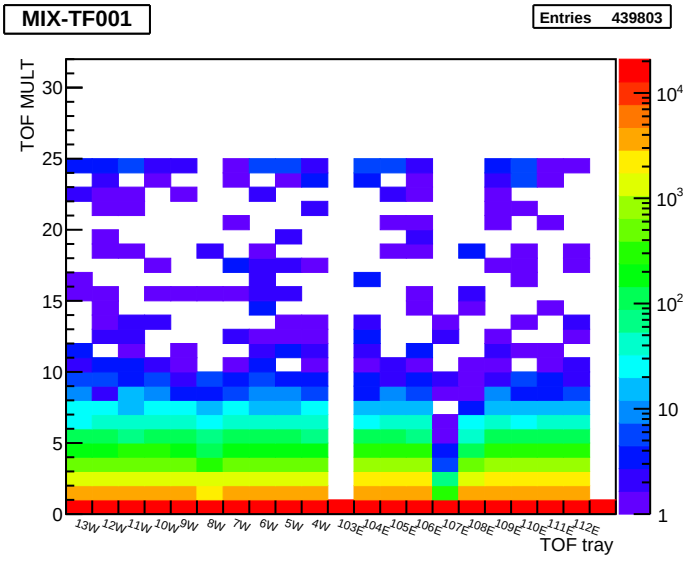

BunchId7Bit (ZDC-TAC)
Entries 5
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

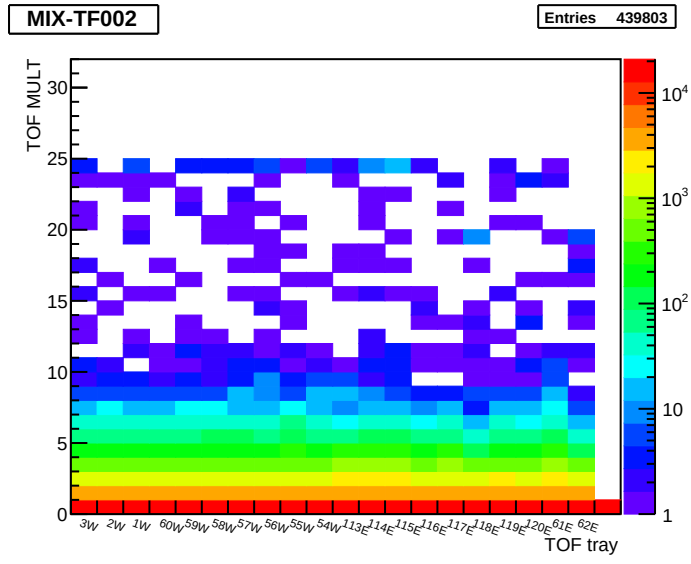

BunchId7Bit (EPD-TAC)
Entries 19796
10^4
10^3
10^2
10
0 20 40 60 80 100 120

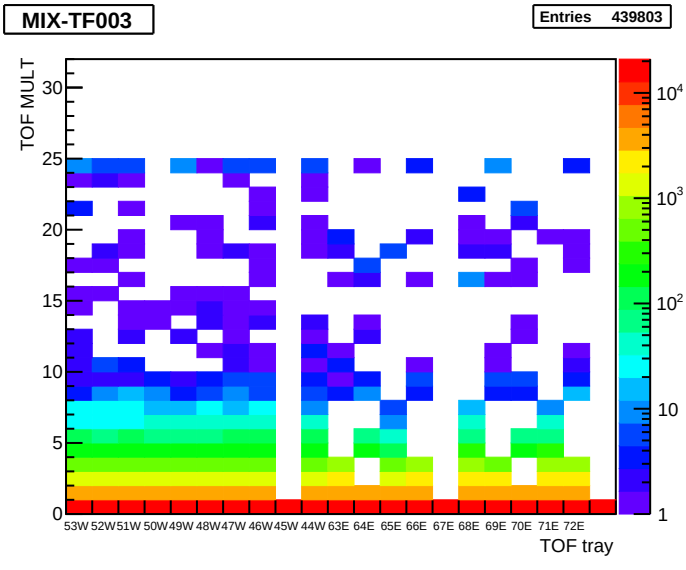

BunchId7Bit (BBC-TAC)
Entries 5516
10^4
10^3
10^2
10
0 20 40 60 80 100 120

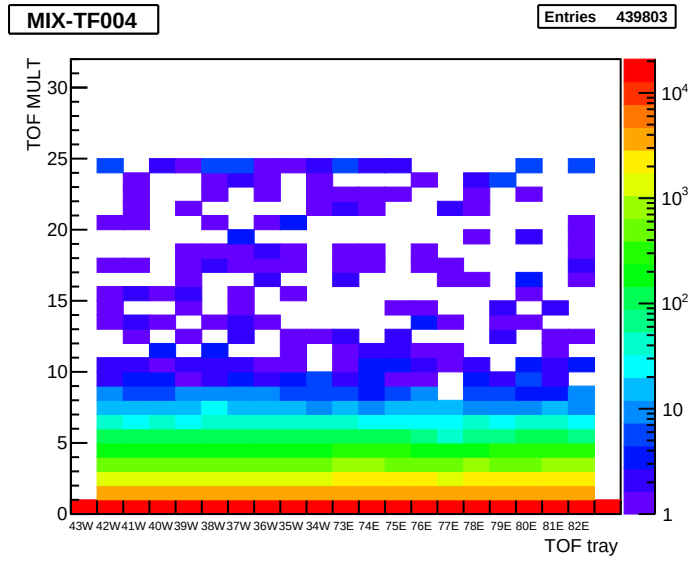

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

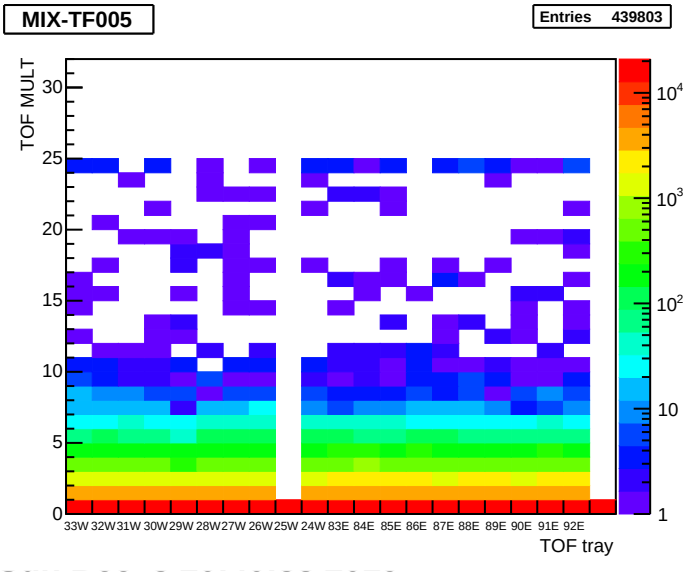

BunchId7Bit (TOFmult window)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

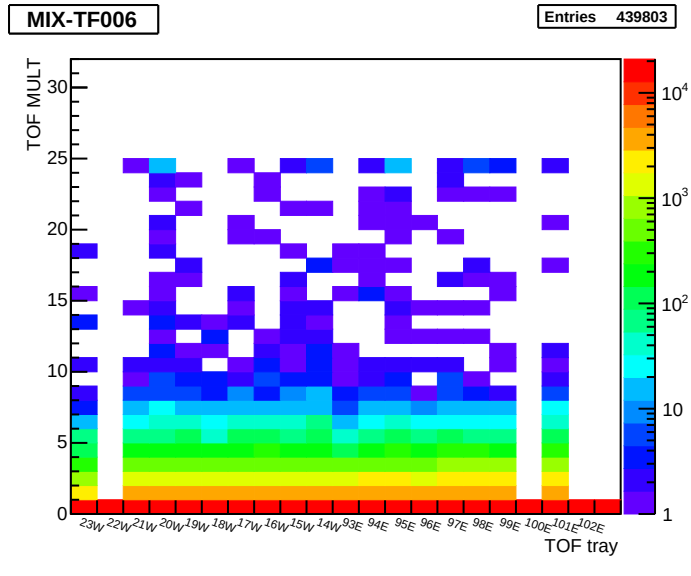

MIX-TF001
Entries 439803
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

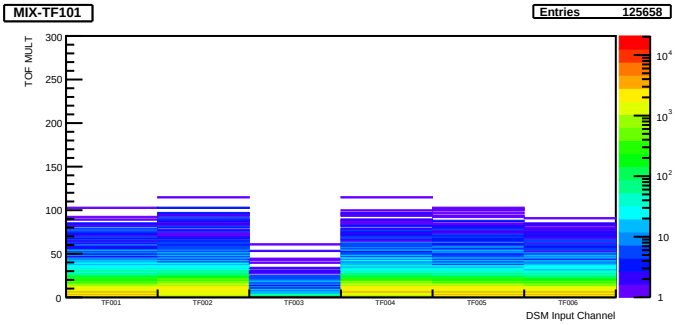

MIX-TF002
Entries 439803
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

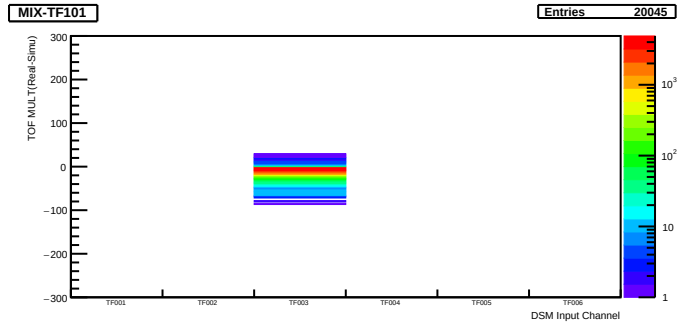

MIX-TF003
Entries 439803
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

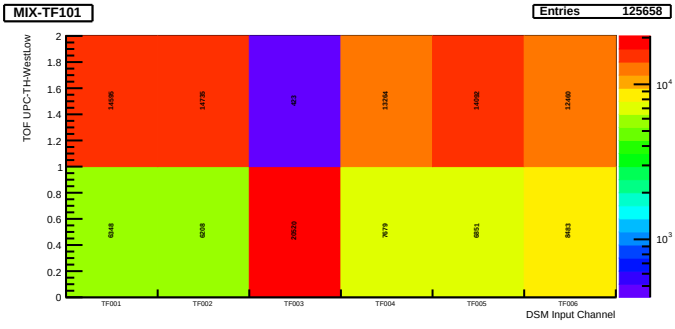

MIX-TF004
Entries 439803
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

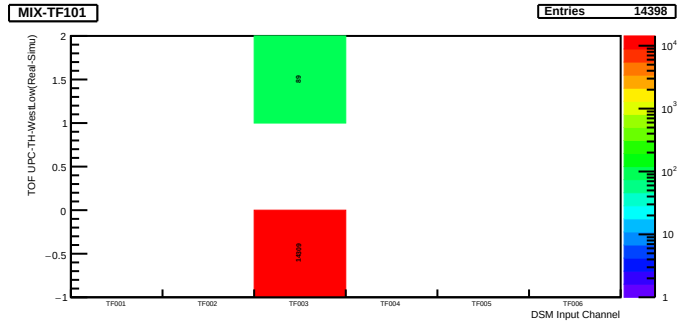

MIX-TF005
Entries 439803
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

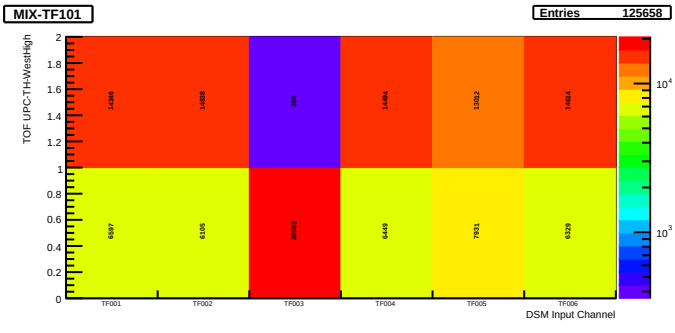

MIX-TF006
Entries 439803
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

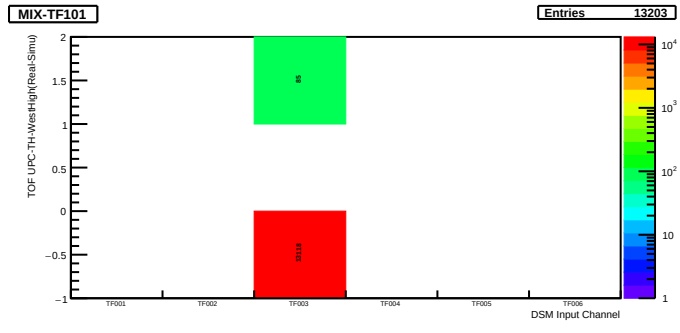

MIX-TF101
Entries 125658
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

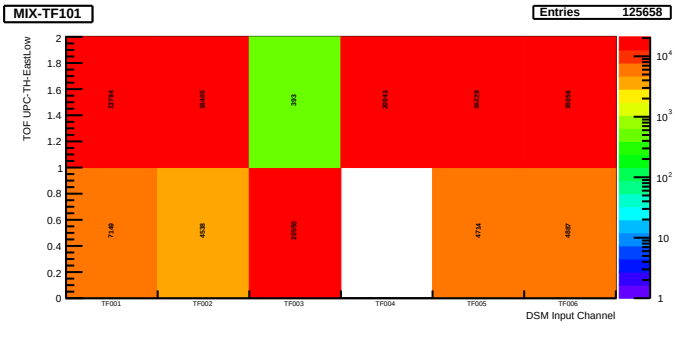

MIX-TF101
Entries 20045
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

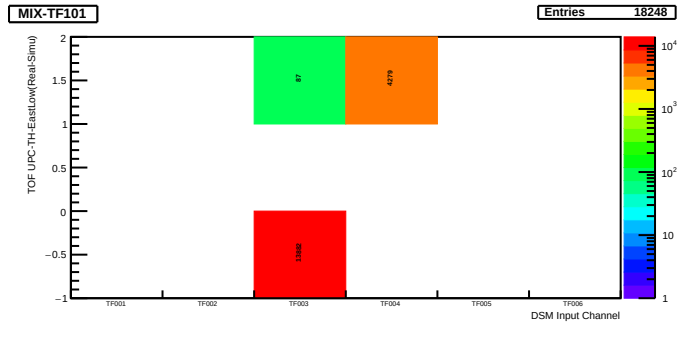

MIX-TF101
Entries 125658
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

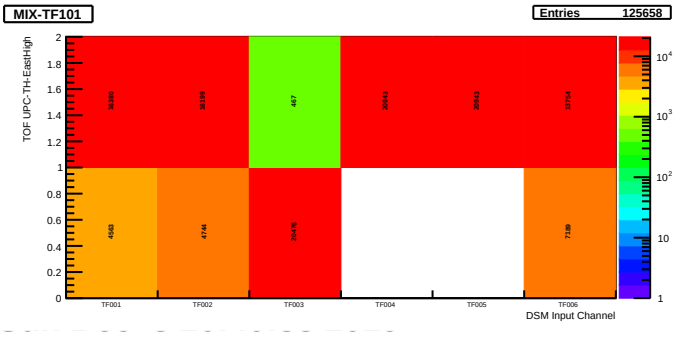

MIX-TF101
Entries 14398
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

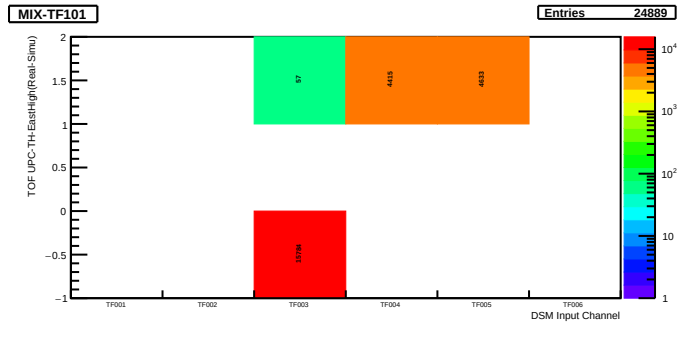

MIX-TF101
Entries 125658
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

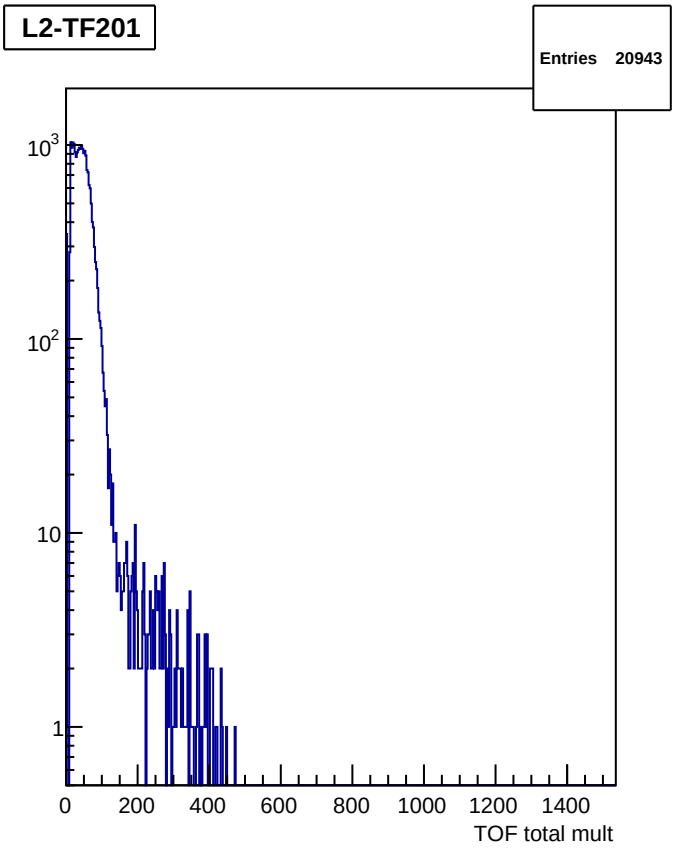

MIX-TF101
Entries 13203
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

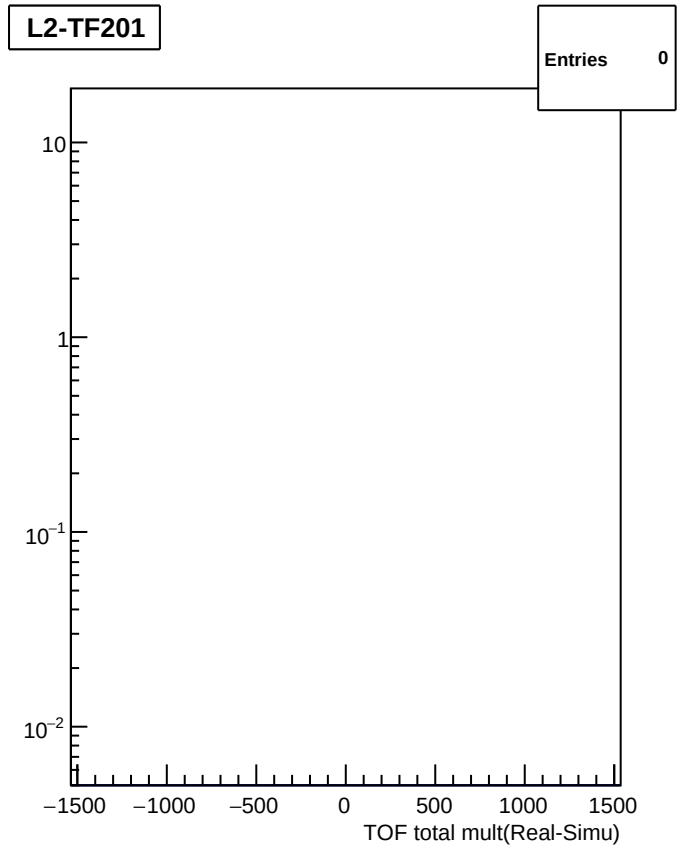

MIX-TF101
Entries 125658
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

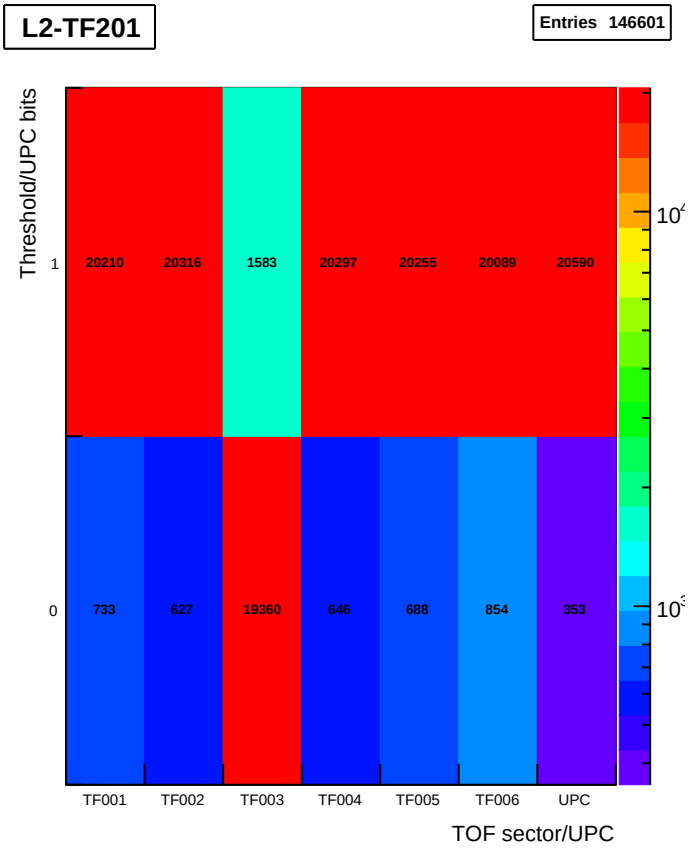

MIX-TF101
Entries 18248
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

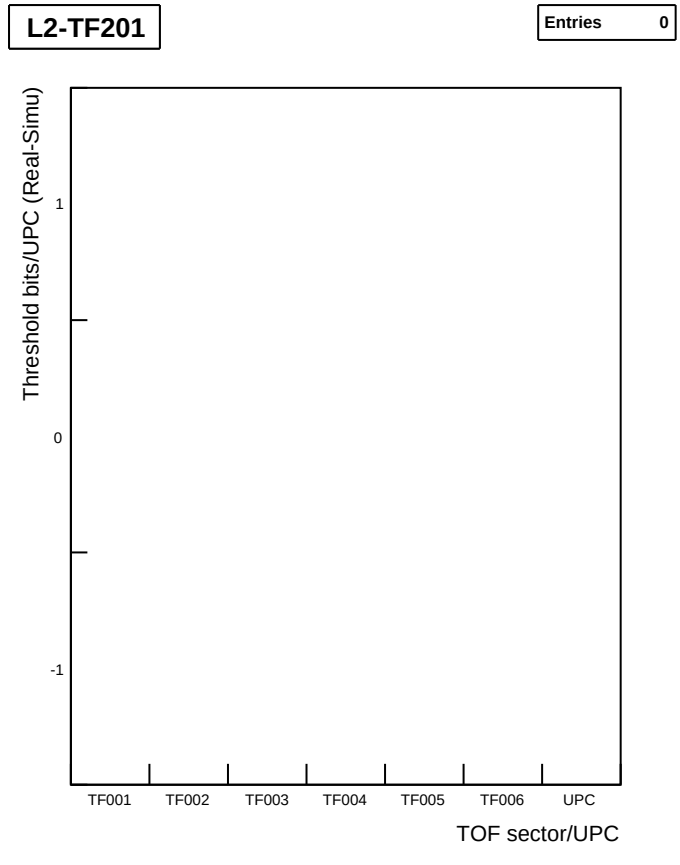

MIX-TF101
Entries 125658
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

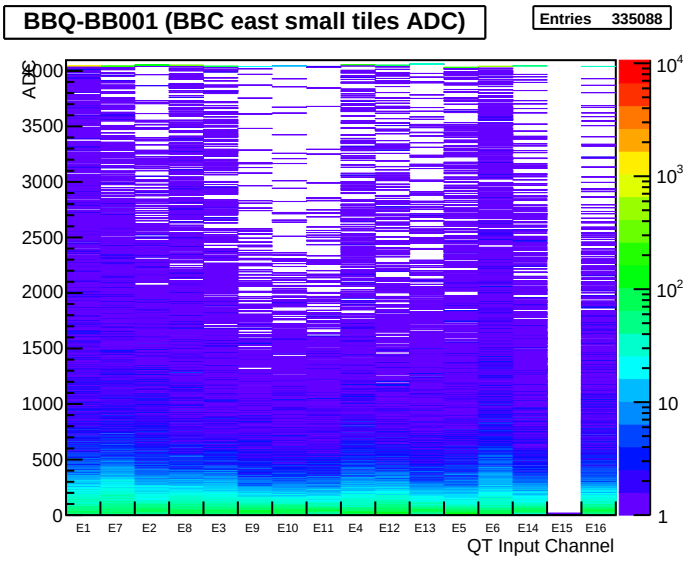

MIX-TF101
Entries 24889
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

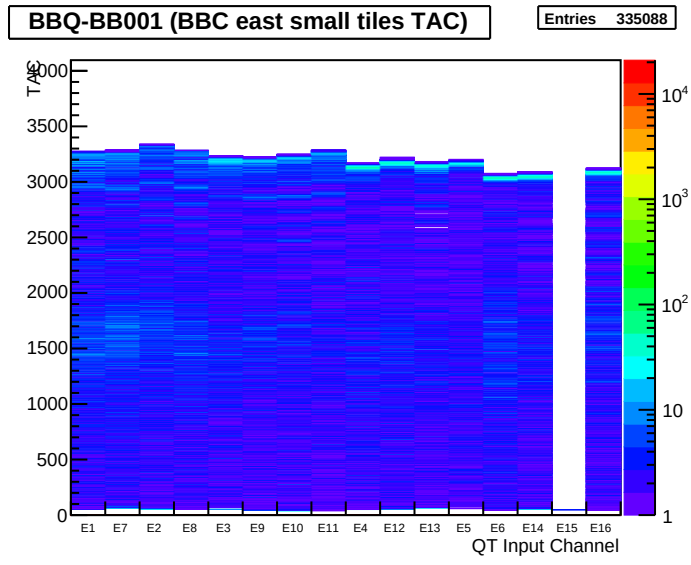

L2-TF201
Entries 20943
TOF total mult

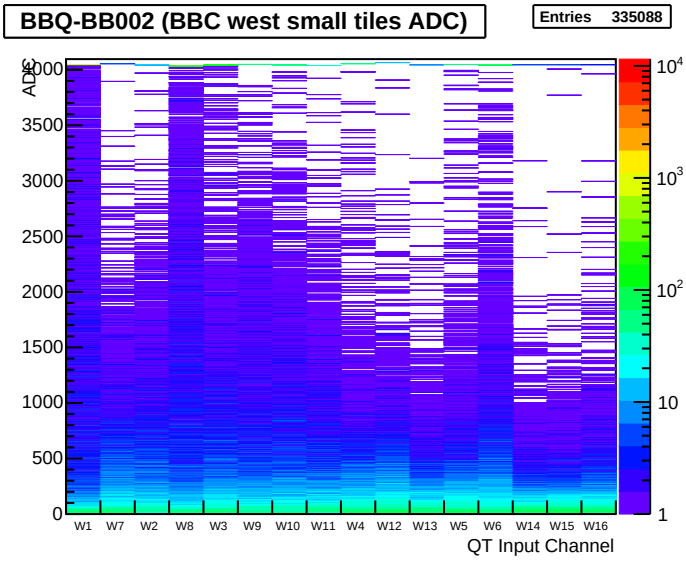

L2-TF201
Entries 0
TOF total mult(Real-Simu)

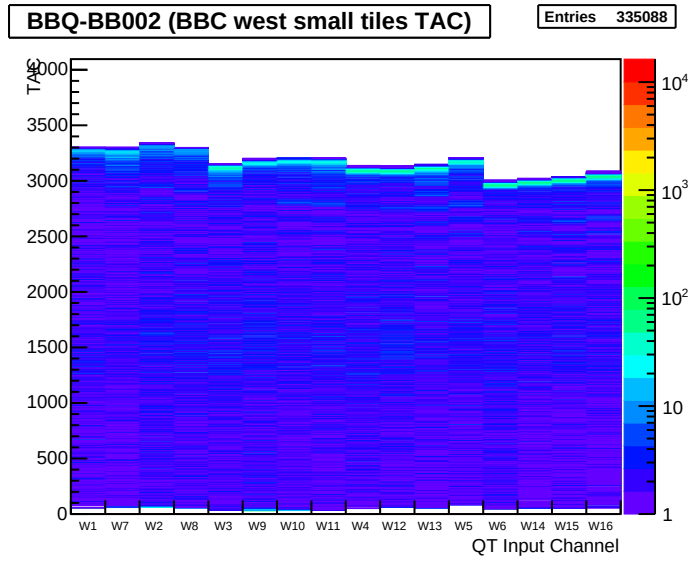

L2-TF201
Entries 146601
Threshold/UPC bits
20210
20316
1583
20297
20255
20089
20590
733
627
19360
646
688
854
353
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

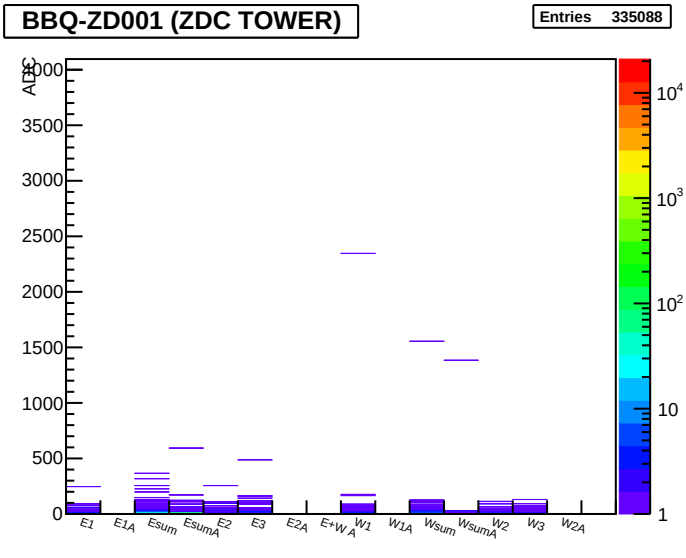

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

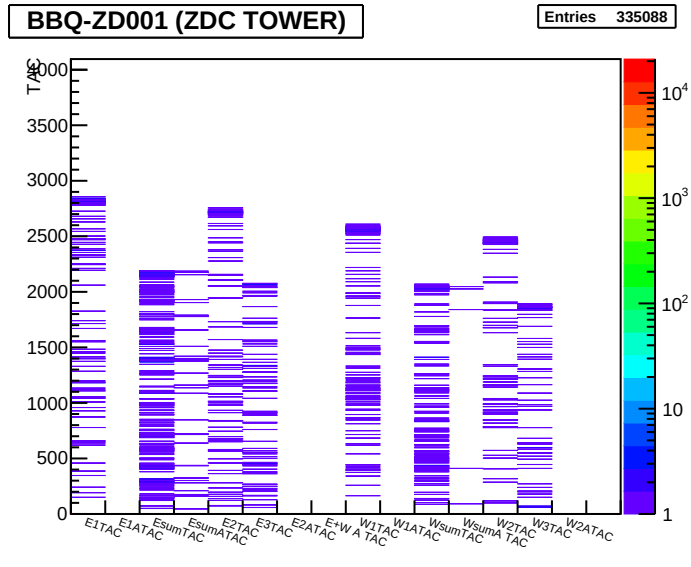

BBQ-BB001 (BBC east small tiles ADC)
Entries 335088
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

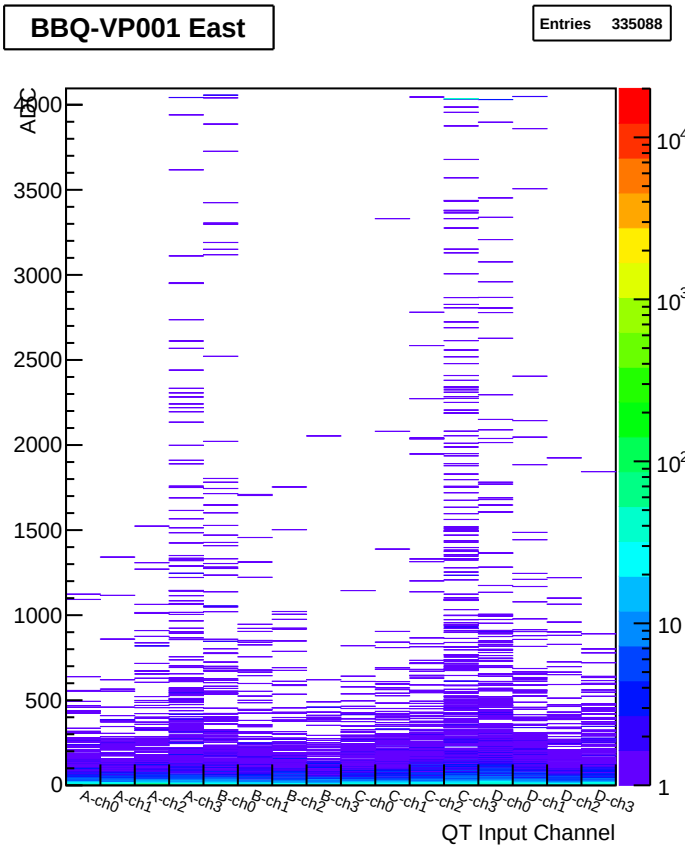

BBQ-BB001 (BBC east small tiles TAC)
Entries 335088
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

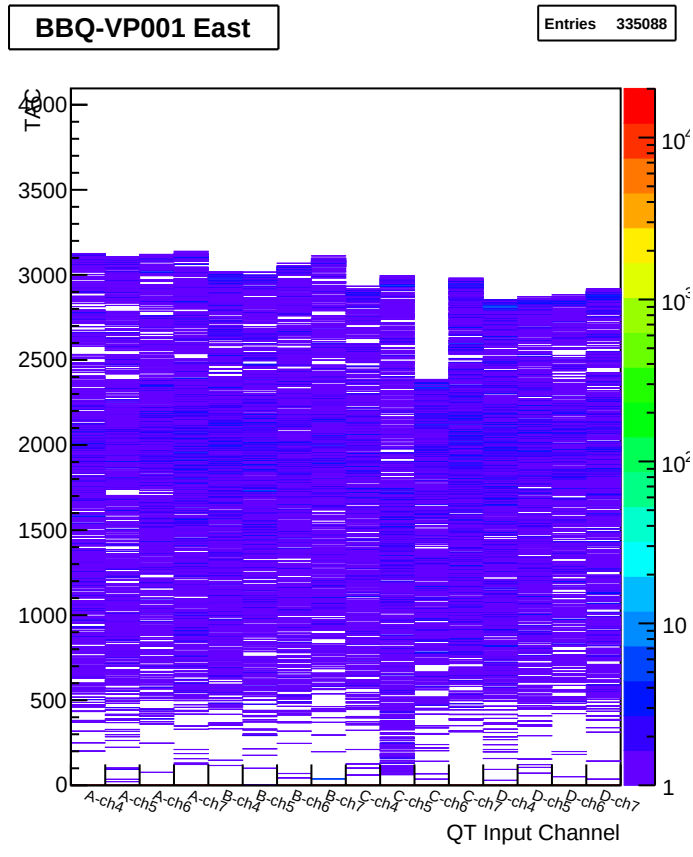

BBQ-BB002 (BBC west small tiles ADC)
Entries 335088
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

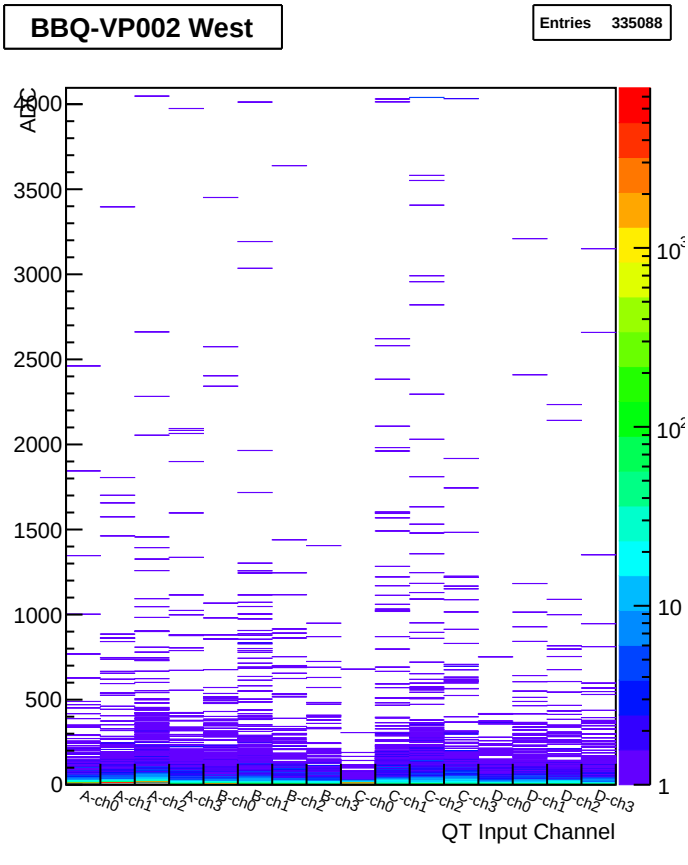

BBQ-BB002 (BBC west small tiles TAC)
Entries 335088
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

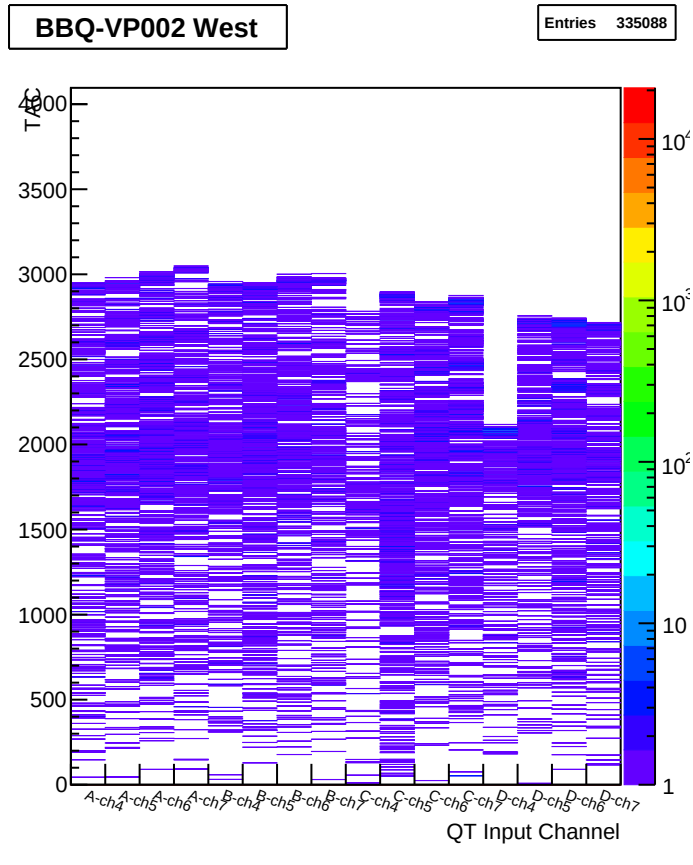

BBQ-ZD001 (ZDC TOWER)
Entries 335088
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

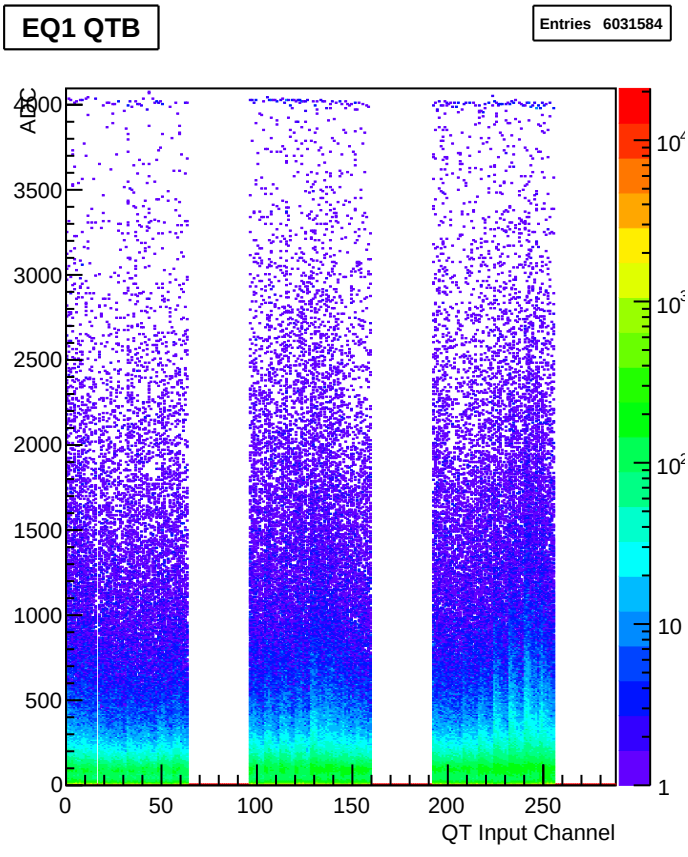

BBQ-ZD001 (ZDC TOWER)
Entries 335088
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

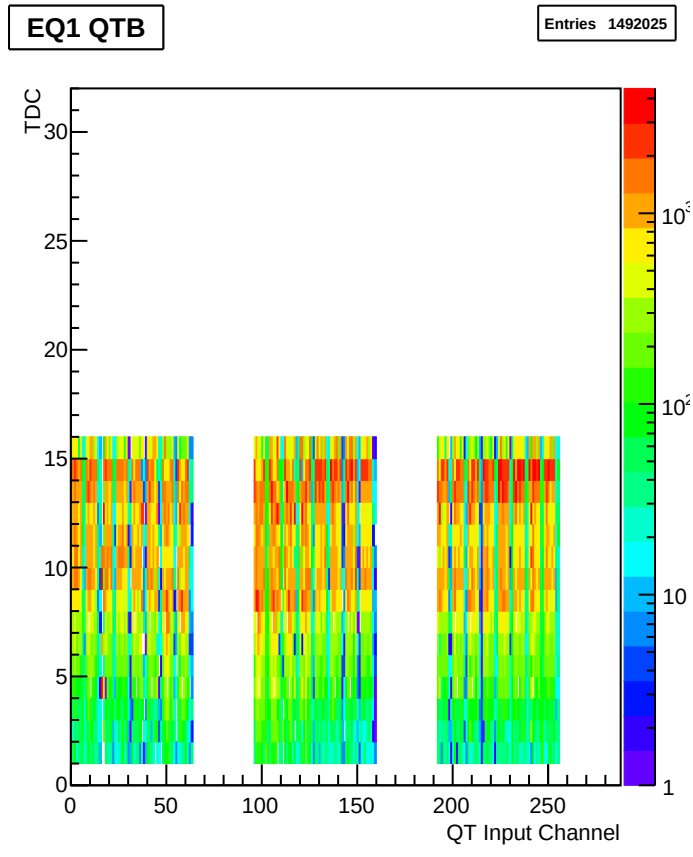

BBQ-VP001 East
Entries 335088
ADC
QT Input Channel

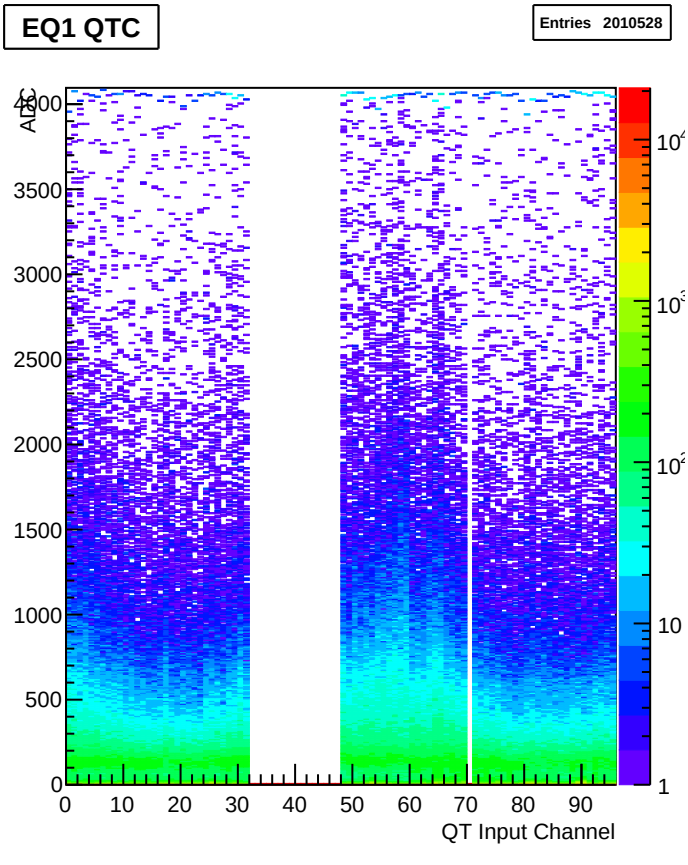

BBQ-VP001 East
Entries 335088
TAC
QT Input Channel

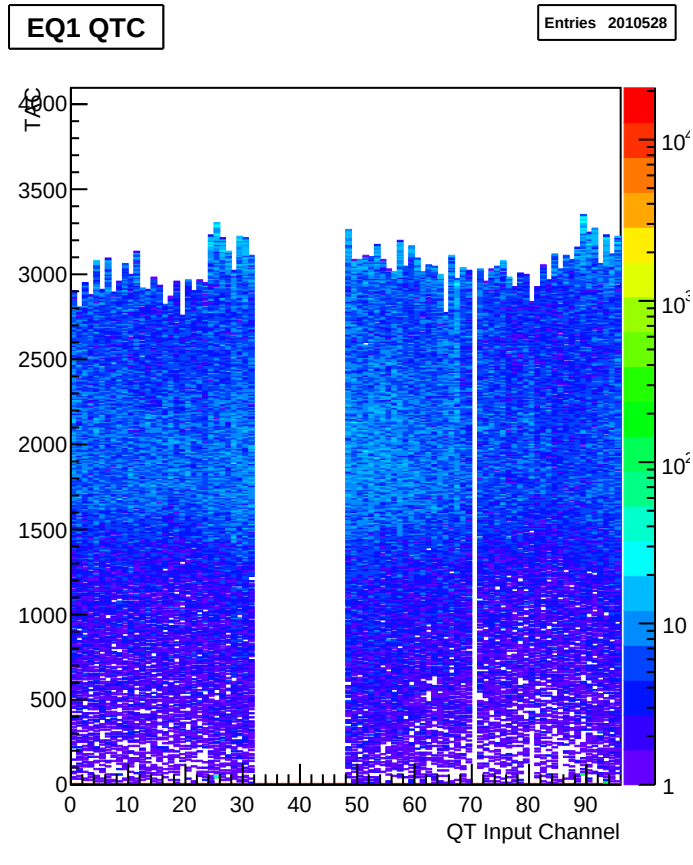

BBQ-VP002 West
Entries 335088
ADC
QT Input Channel

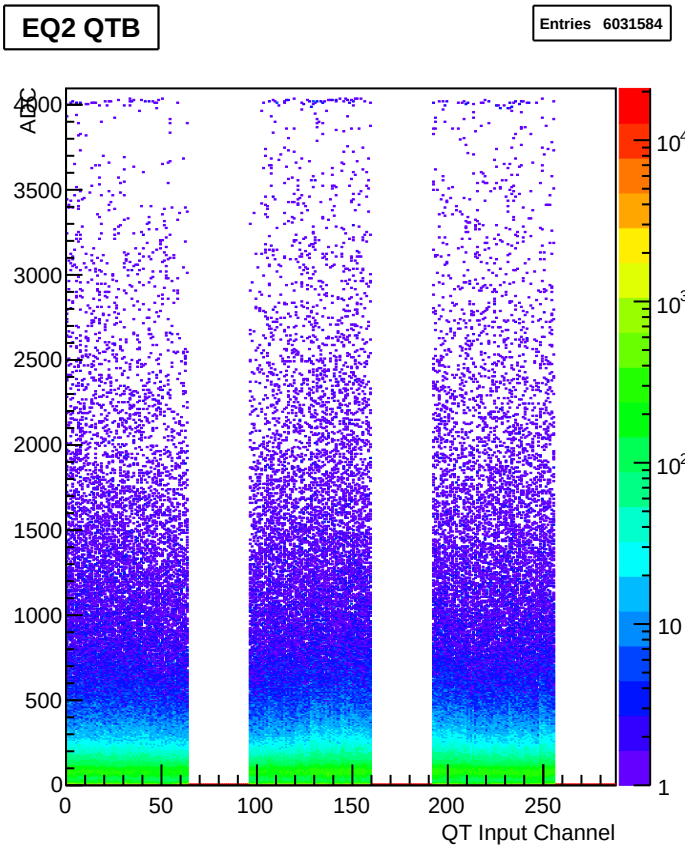

BBQ-VP002 West
Entries 335088
TAC
QT Input Channel

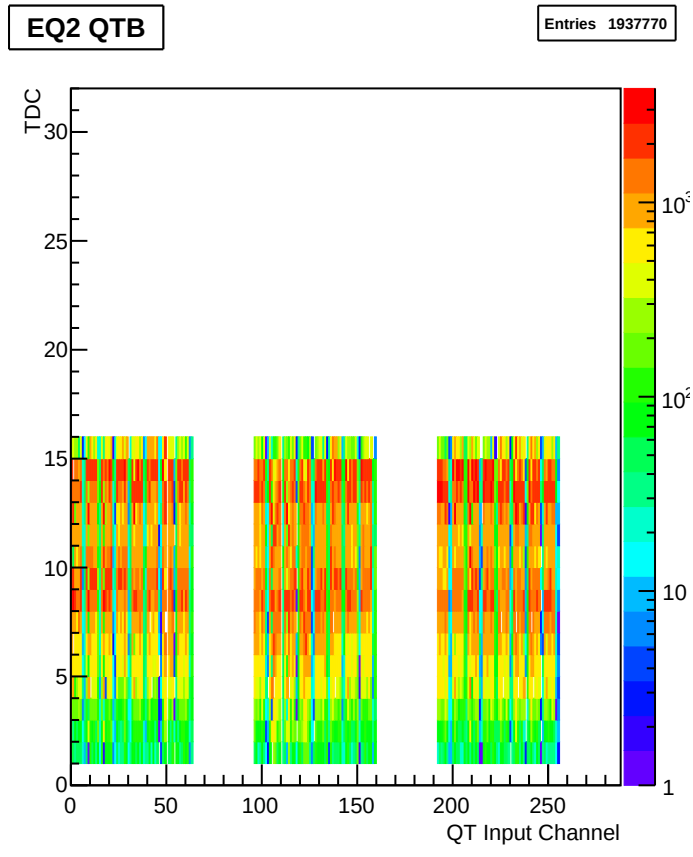

EQ1 QTB
Entries 6031584
ADC
QT Input Channel

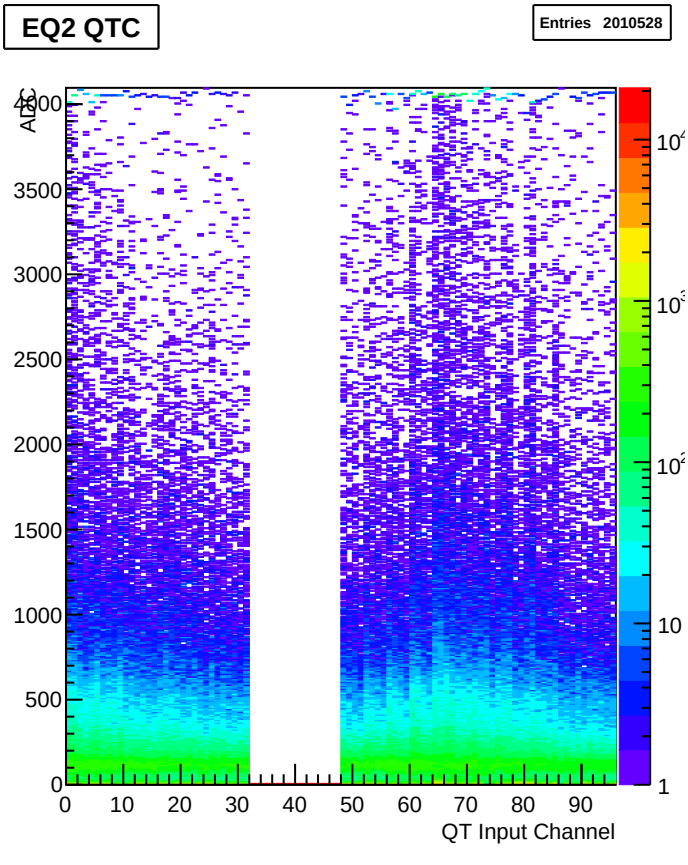

EQ1 QTB
Entries 1492025
TDC
QT Input Channel

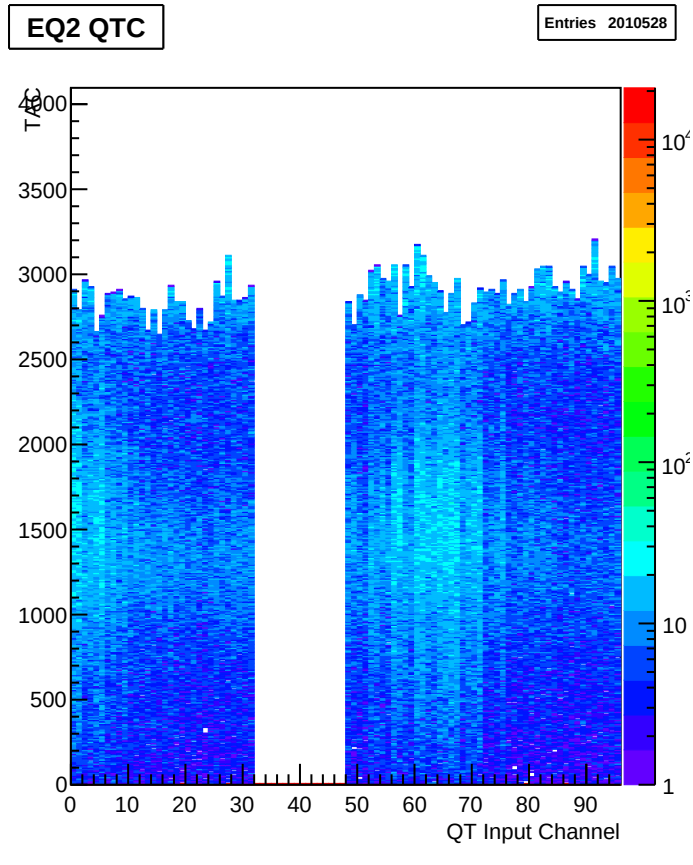

EQ1 QTC
Entries 2010528
ADC
QT Input Channel

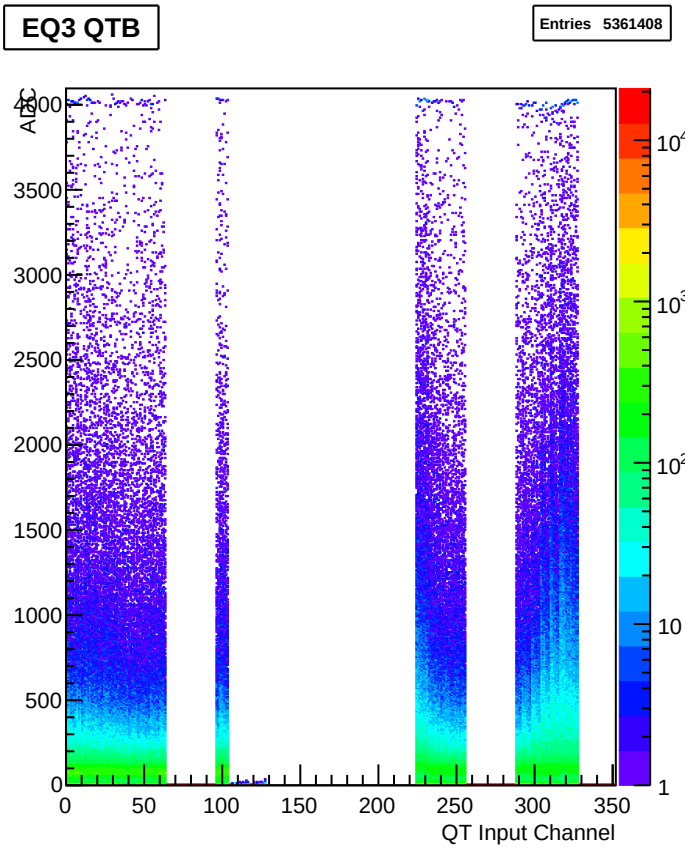

EQ1 QTC
Entries 2010528
TADC
QT Input Channel

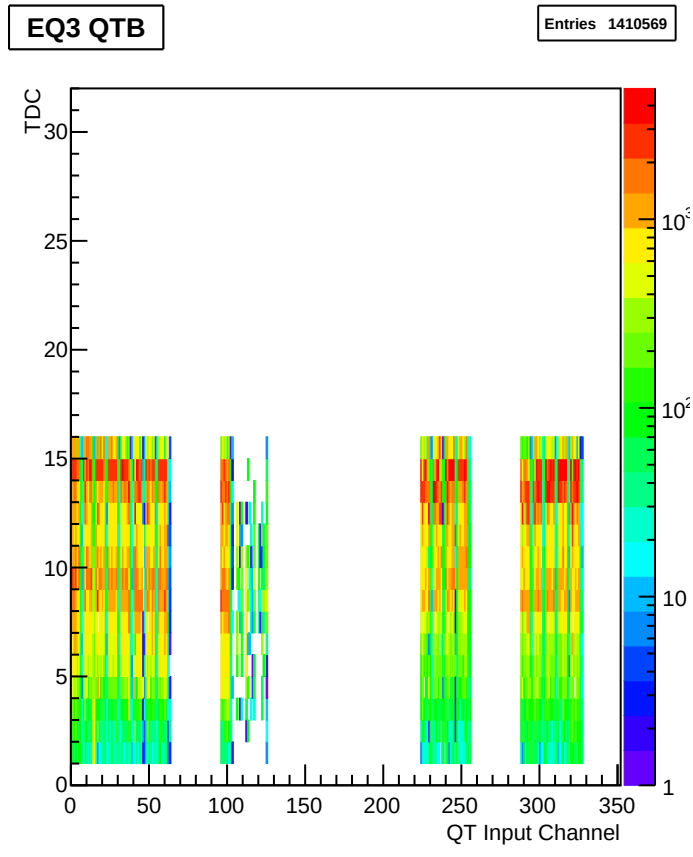

EQ2 QTB
Entries 6031584
ADC
QT Input Channel

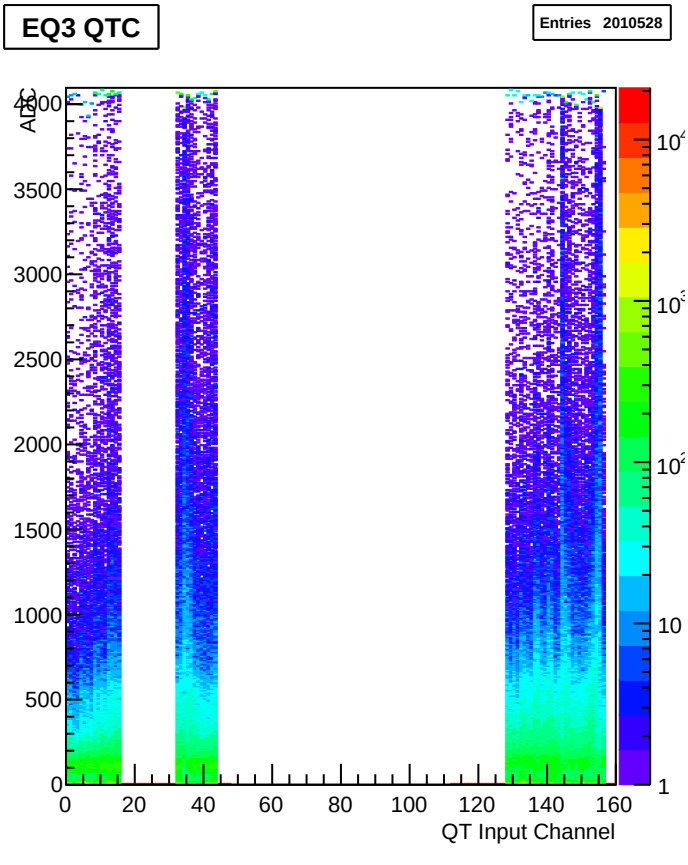

EQ2 QTB
Entries 1937770
TDC
QT Input Channel

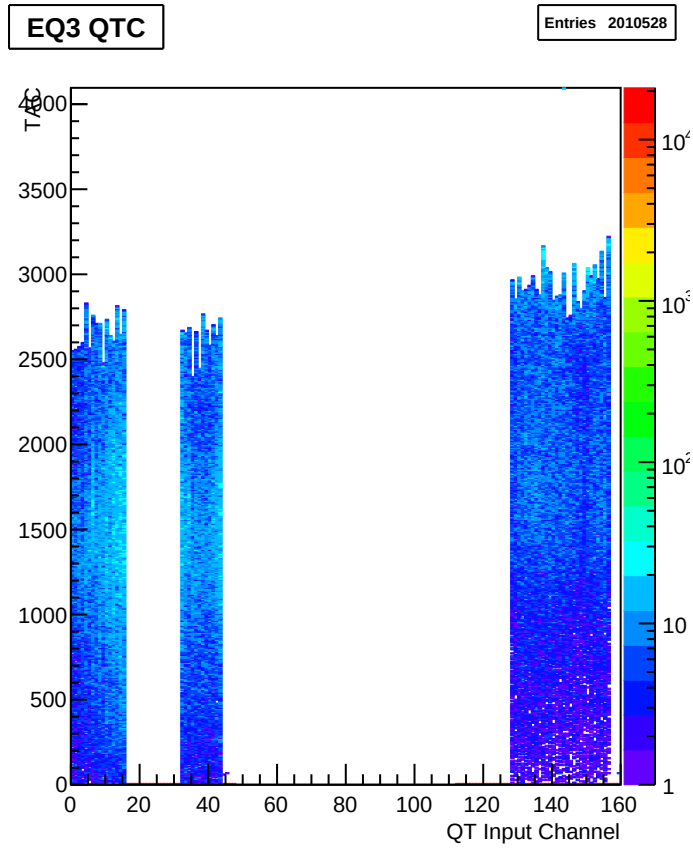

EQ2 QTC
Entries 2010528
ADC
QT Input Channel

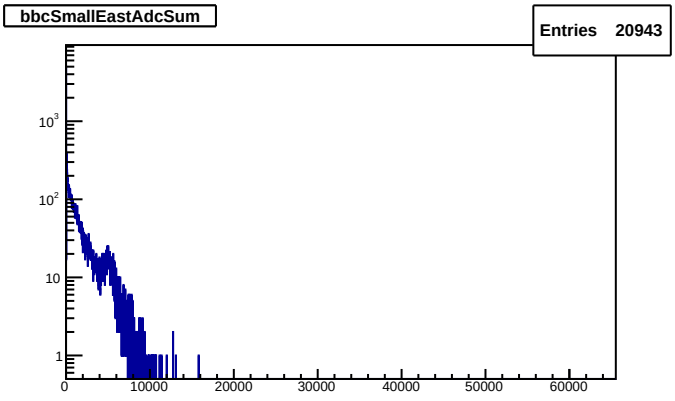

EQ2 QTC
Entries 2010528
TADC
QT Input Channel

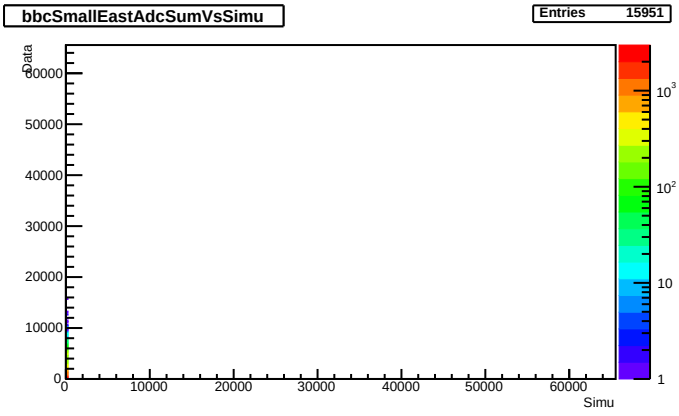

EQ3 QTB
Entries 5361408
ADC
QT Input Channel

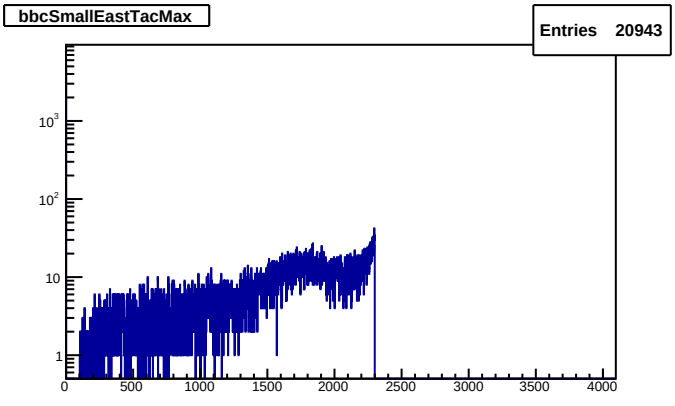

EQ3 QTB
Entries 1410569
TDC
QT Input Channel

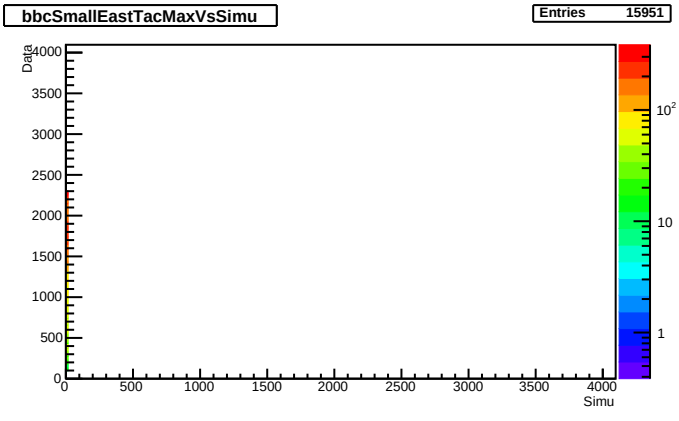

EQ3 QTC
Entries 2010528
ADC
QT Input Channel


EQ3 QTC
Entries 2010528
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 20943


bbcSmallEastAdcSumVsSimu
Entries 15951
Data
Simu


bbcSmallEastTacMax
Entries 20943


bbcSmallEastTacMaxVsSimu
Entries 15951
Data
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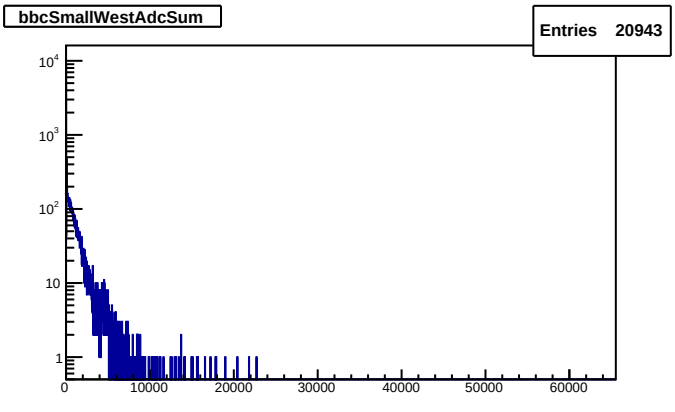
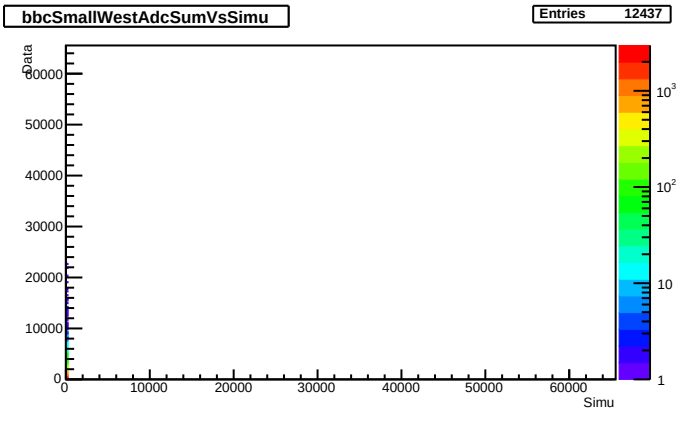

bbcSmallWestAdcSum
Entries 20943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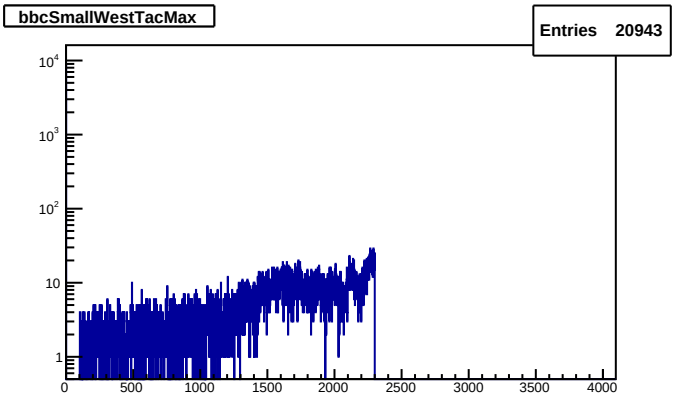
Entries 12437
Data
Simu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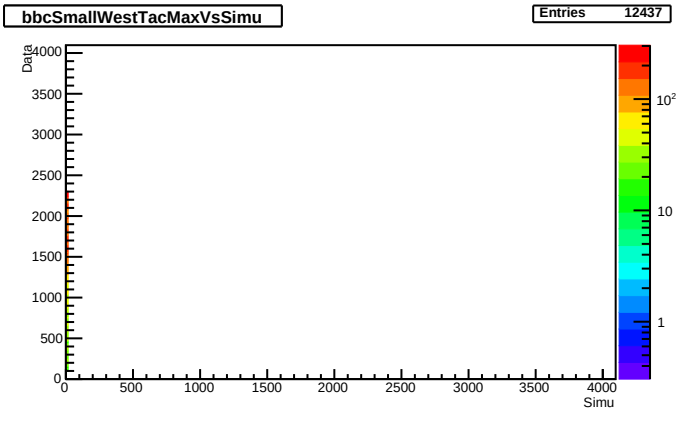
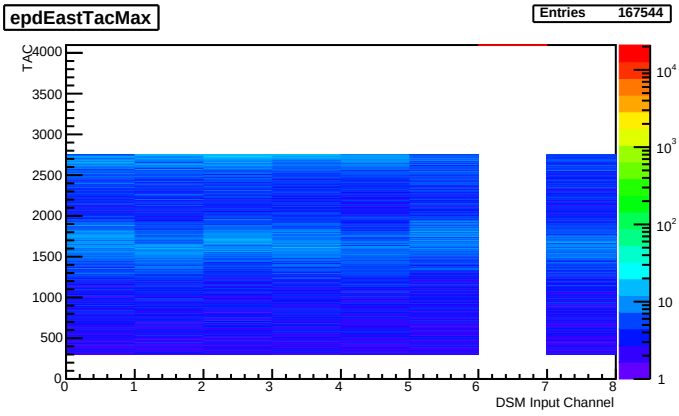
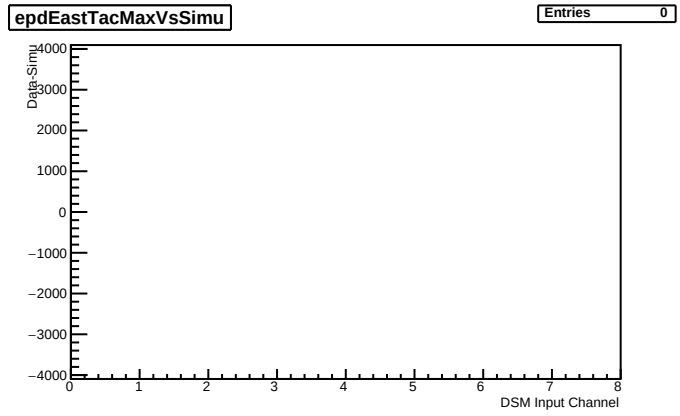
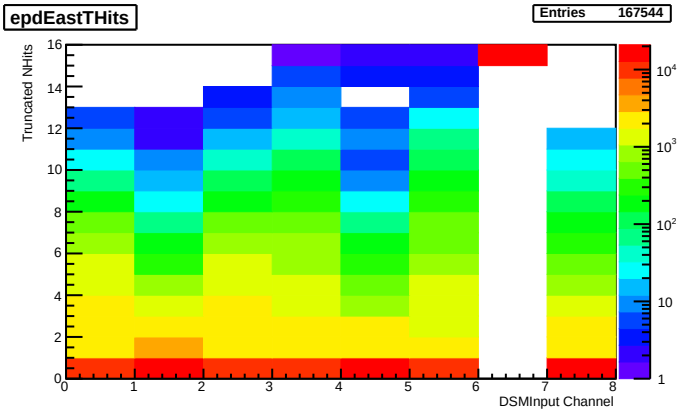
Entries 20943


bbcSmallWestTacMaxVsSimu
Entries 12437
Data
Simu


epdEastTacMax
Entries 167544
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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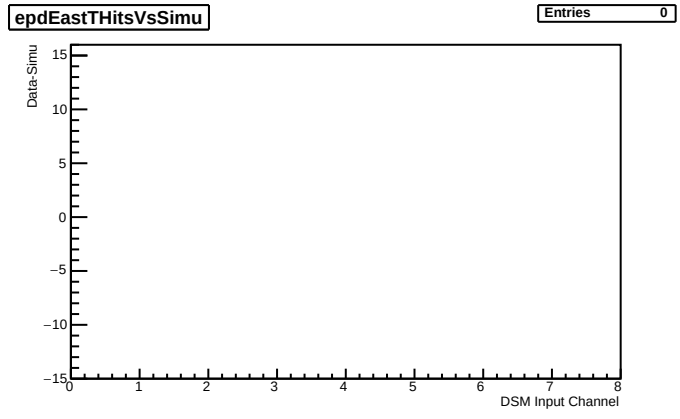
Entries 167544
Truncated NHits
DSMInput Channel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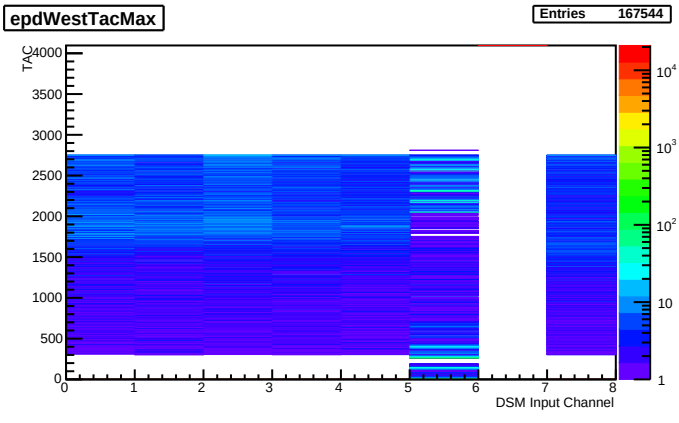
Data-Simu
DSM Input Channel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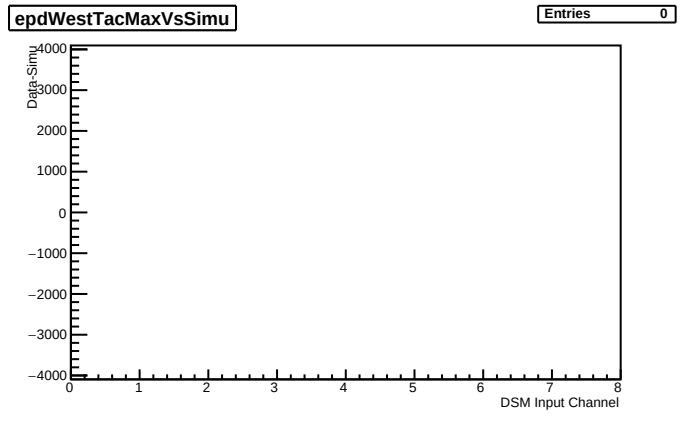
Entries 167544
TAC
DSM Input Channel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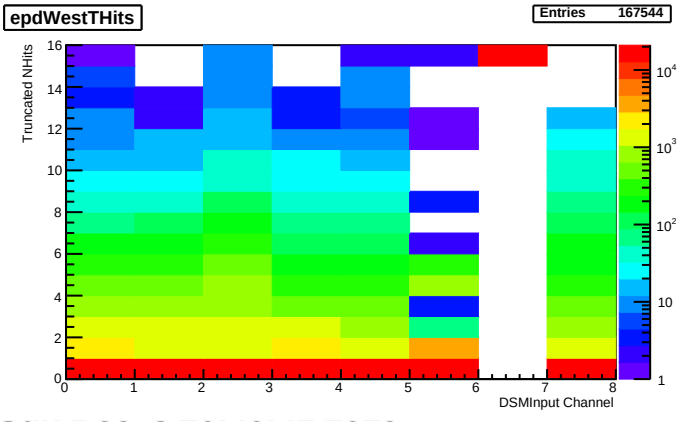
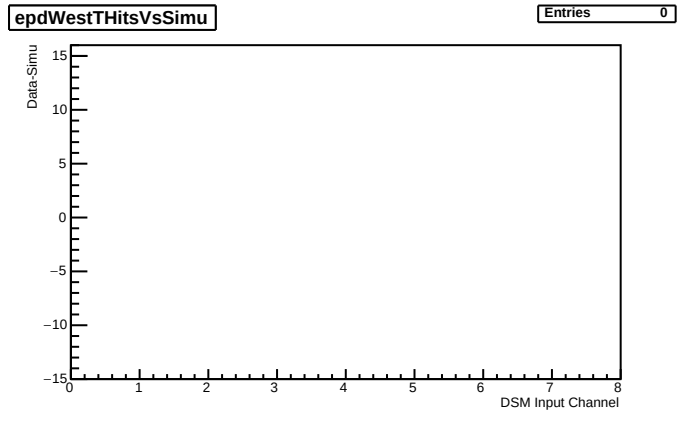
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 167544
Truncated NHits
DSMInput Channel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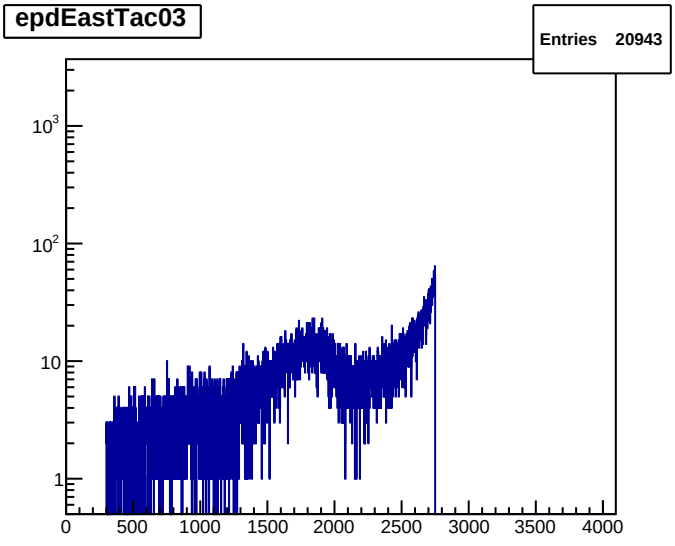
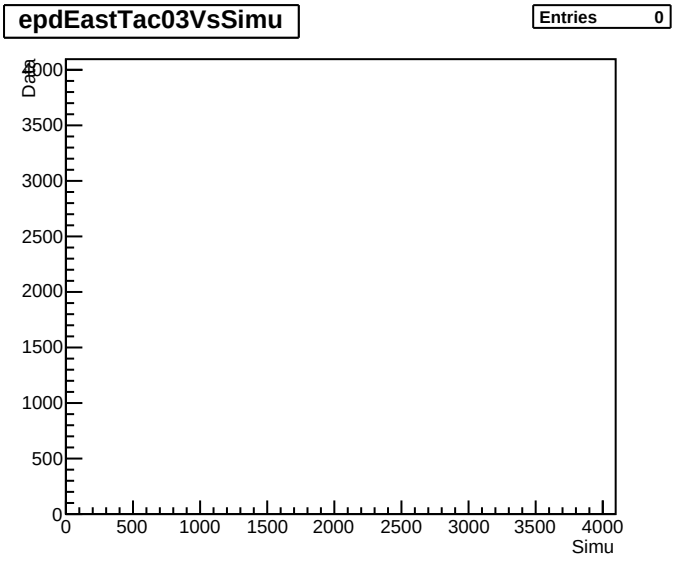
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 20943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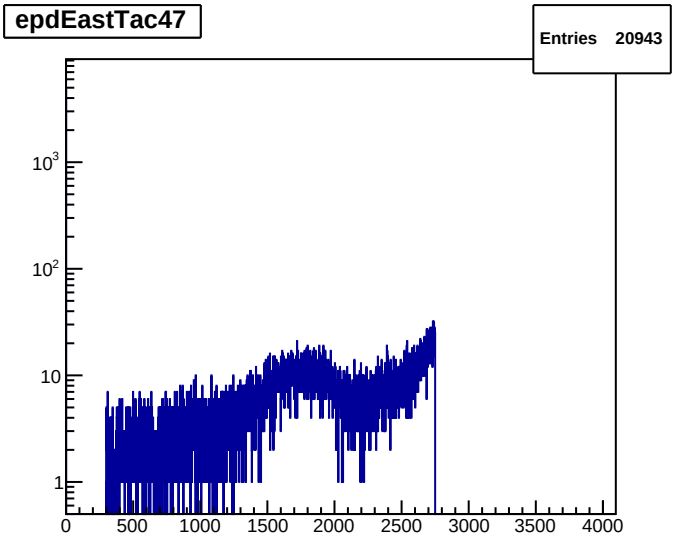
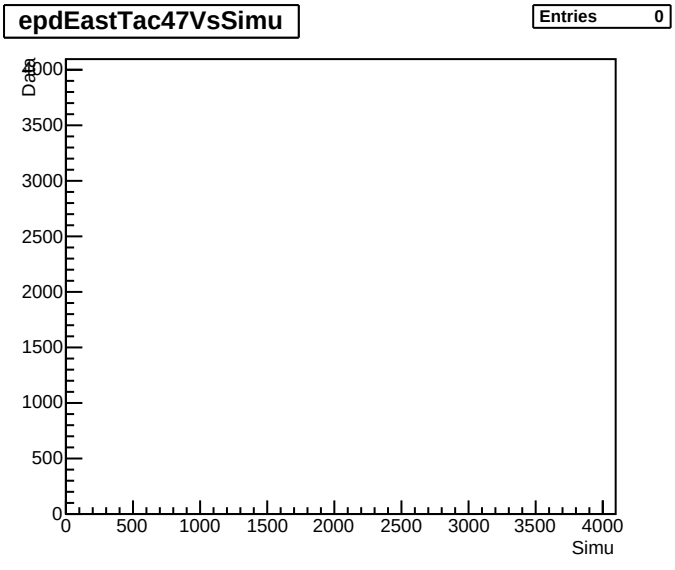
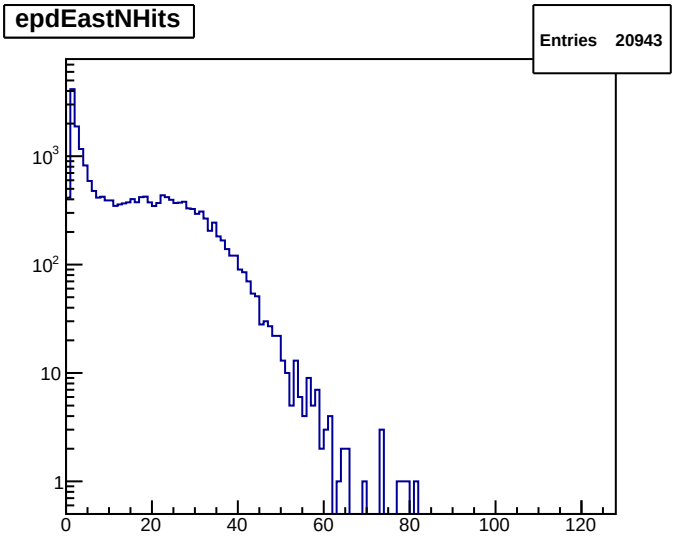
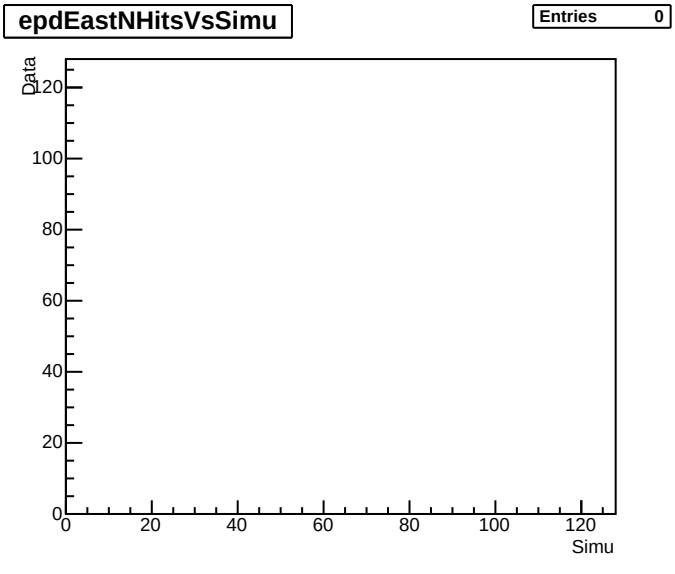
Entries 0
Data
Simu


epdEastTac47
Entries 20943


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 20943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Data
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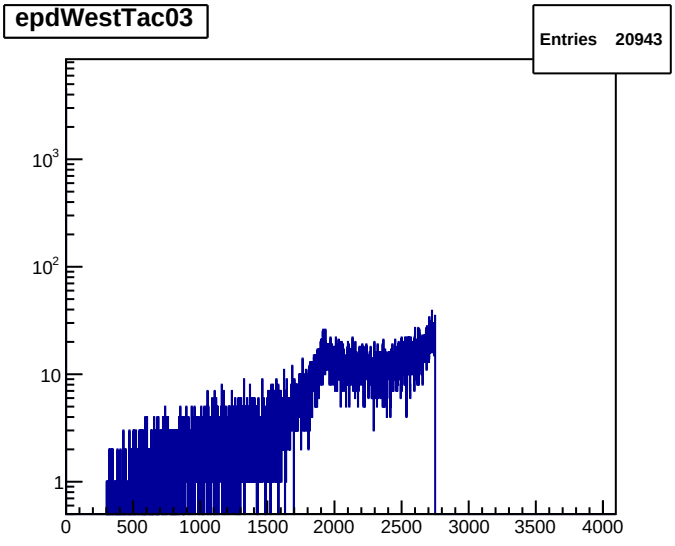
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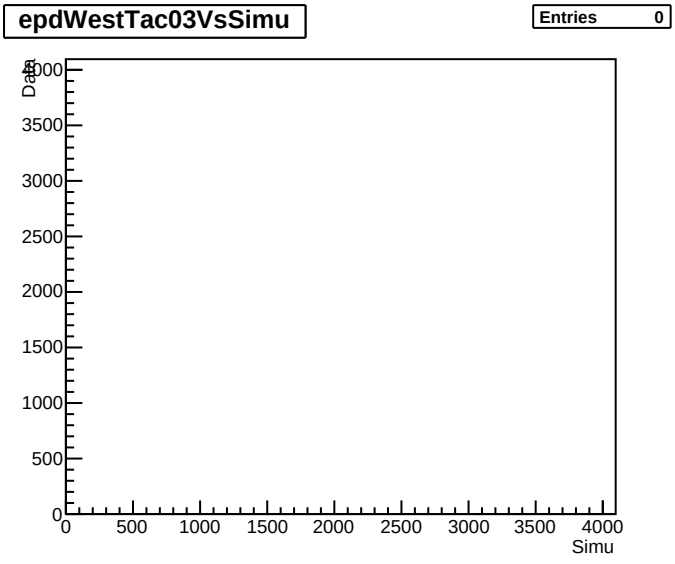
Entries 20943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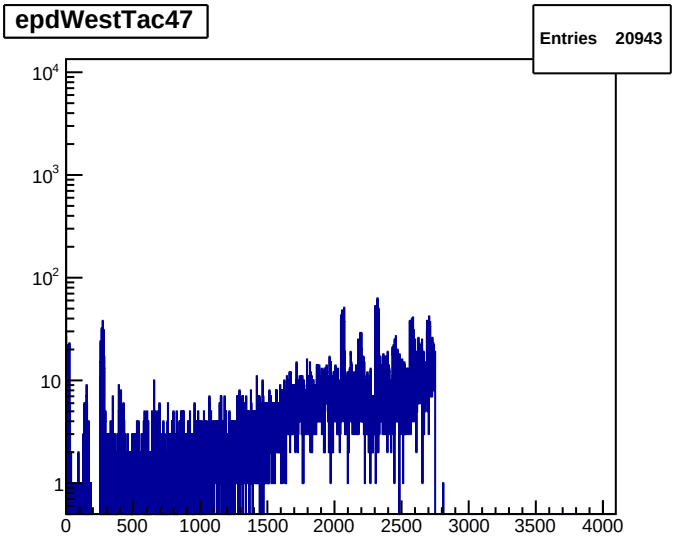
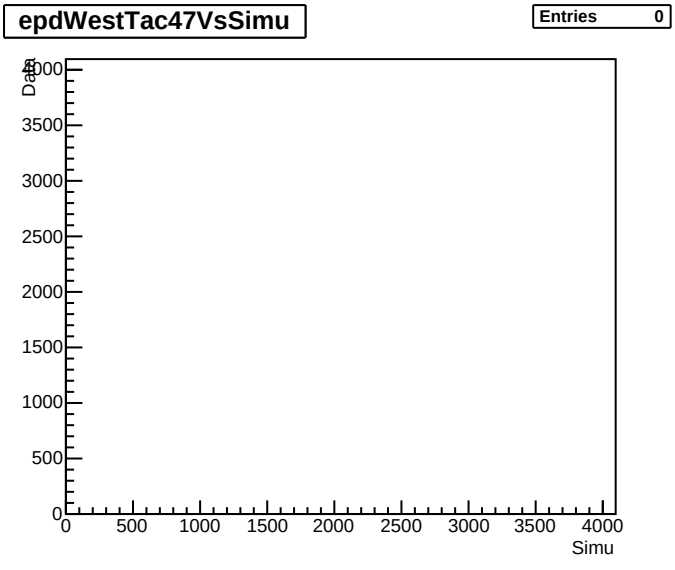
Entries 0
Data
Simu


epdWestTac47
Entries 20943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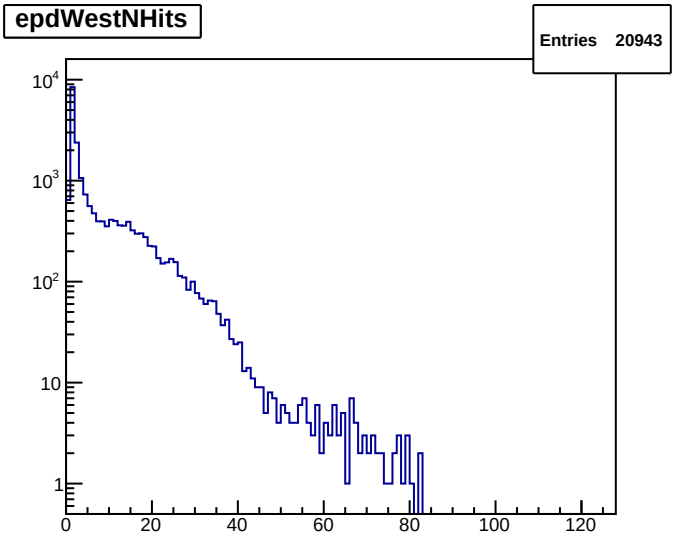
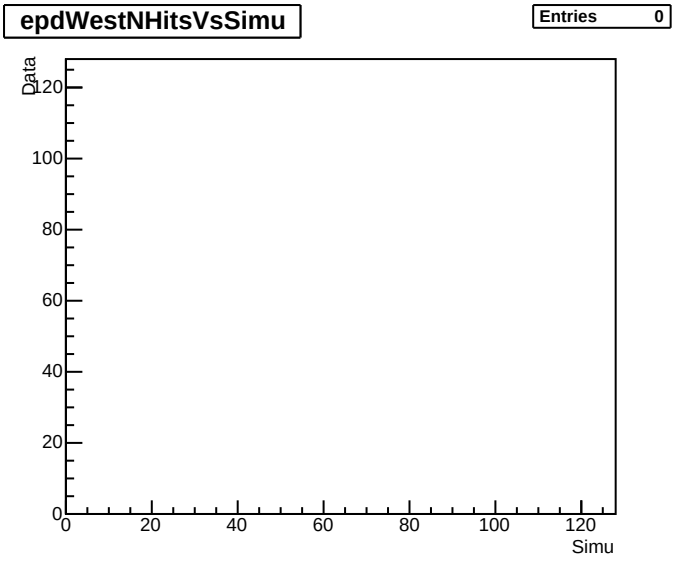
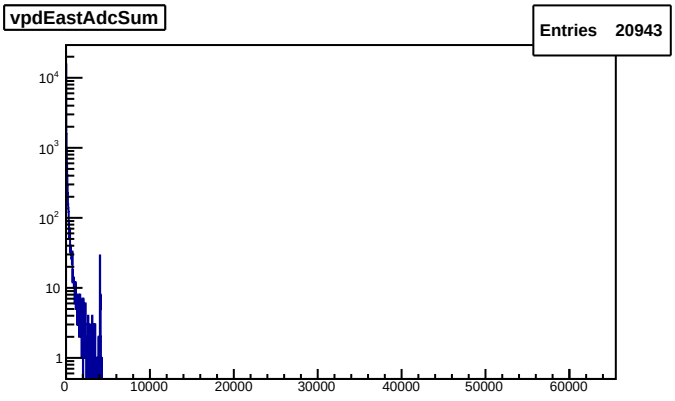
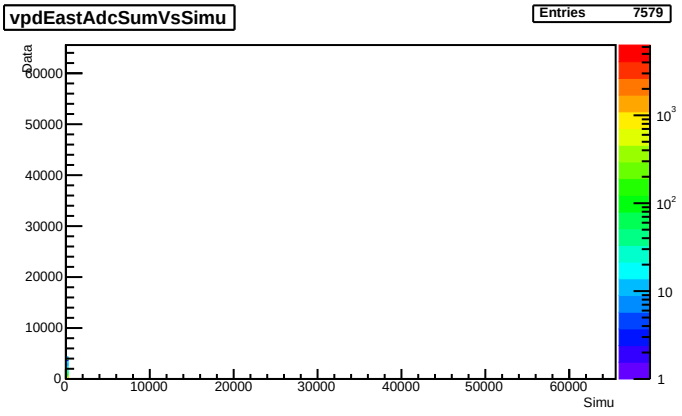
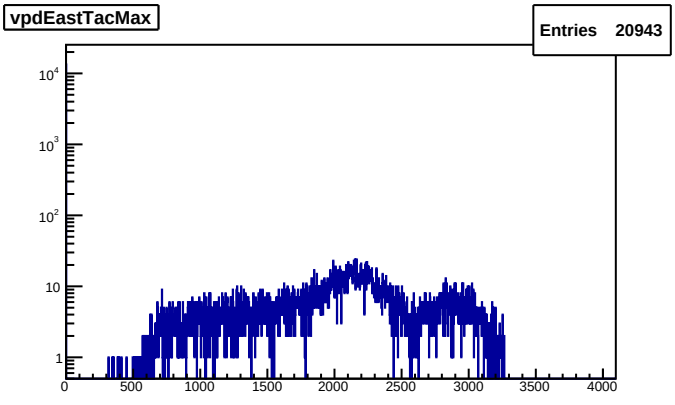
Entries 0
Data
Simu

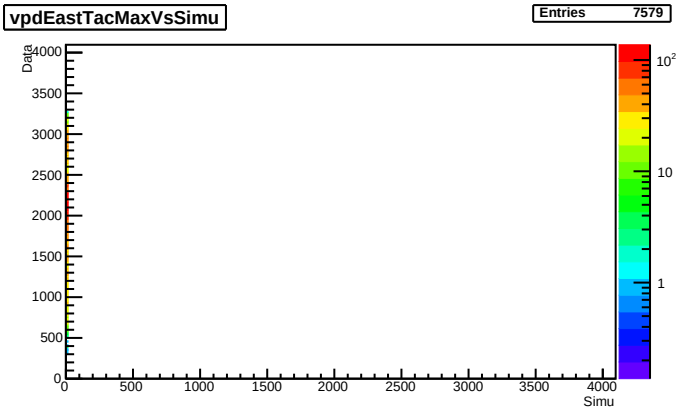

epdWestNHits
Entries 20943

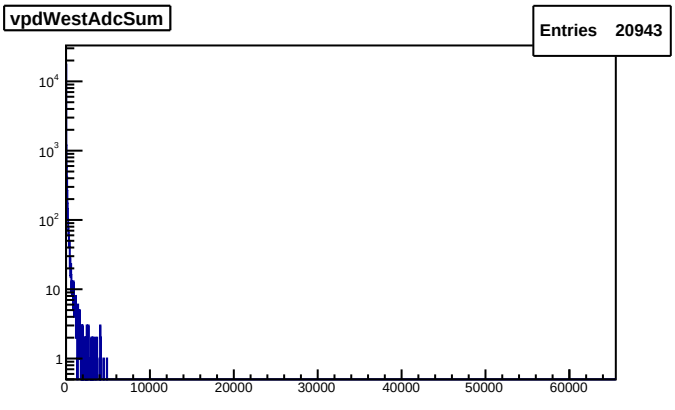

epdWestNHitsVsSimu
Entries 0
Data
Simu

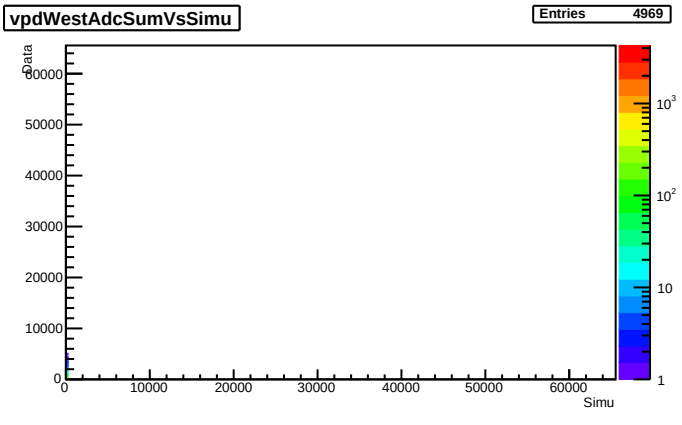

vpdEastAdcSum
Entries 20943

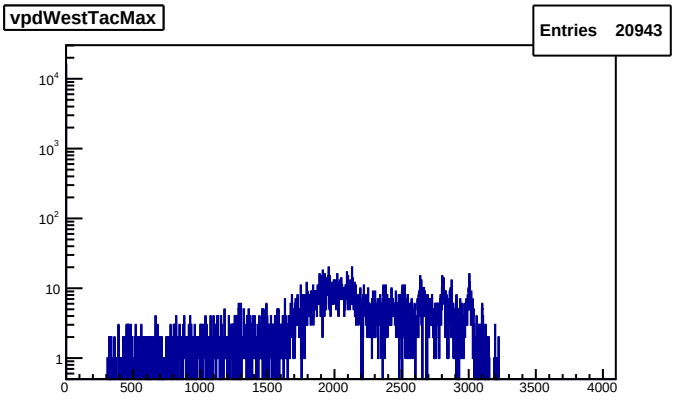

vpdEastAdcSumVsSimu
Entries 7579
Data
Simu

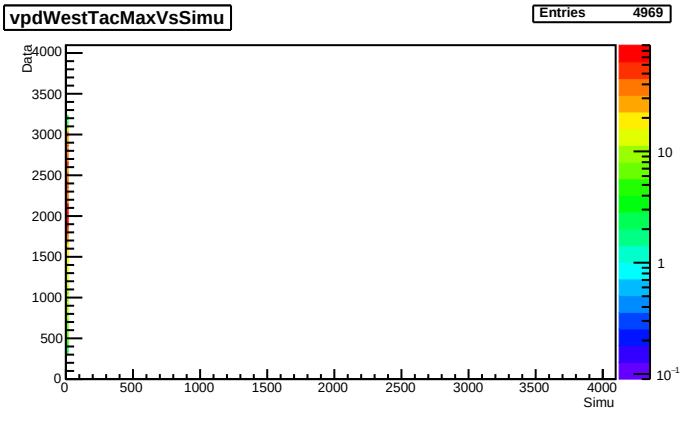

vpdEastTacMax
Entries 20943

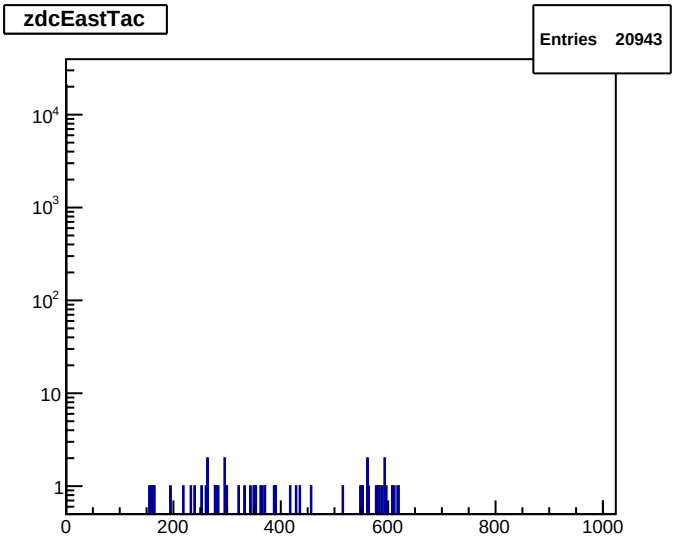

vpdEastTacMaxVsSimu
Entries 7579
Data
Simu

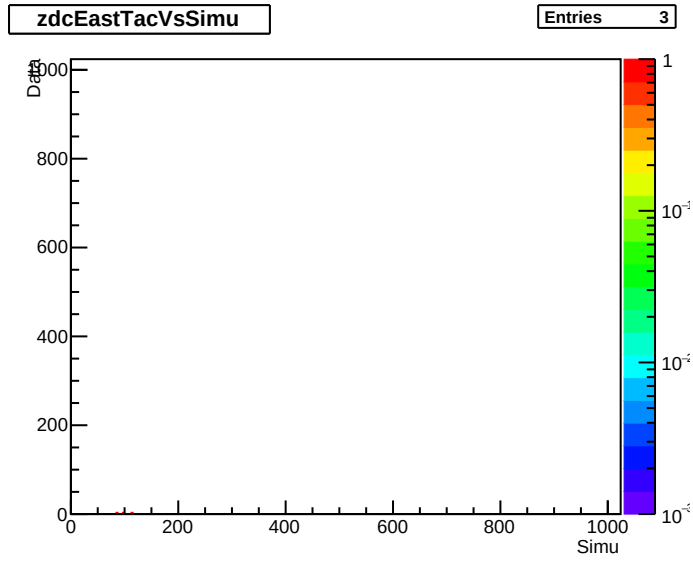

vpdWestAdcSum
Entries 20943

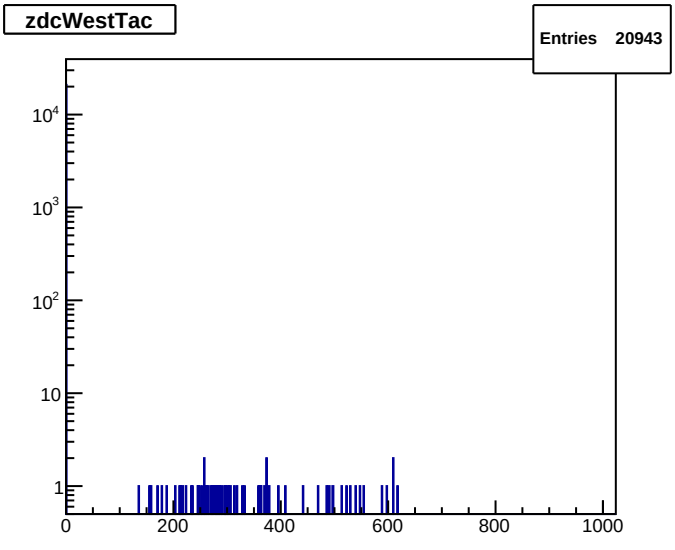

vpdWestAdcSumVsSimu
Entries 4969
Data
Simu

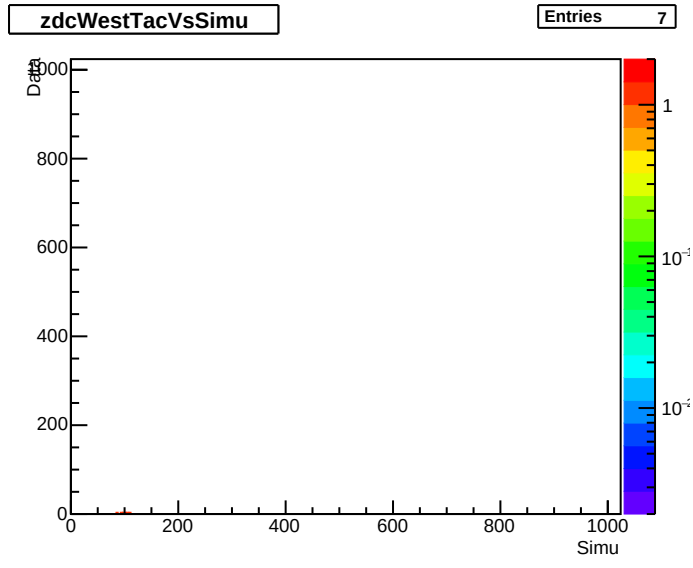

vpdWestTacMax
Entries 20943

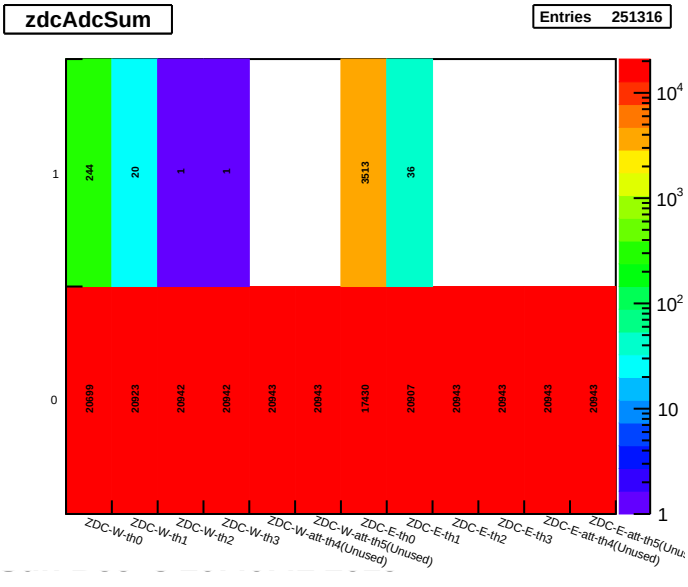

vpdWestTacMaxVsSimu
Entries 4969
Data
Simu

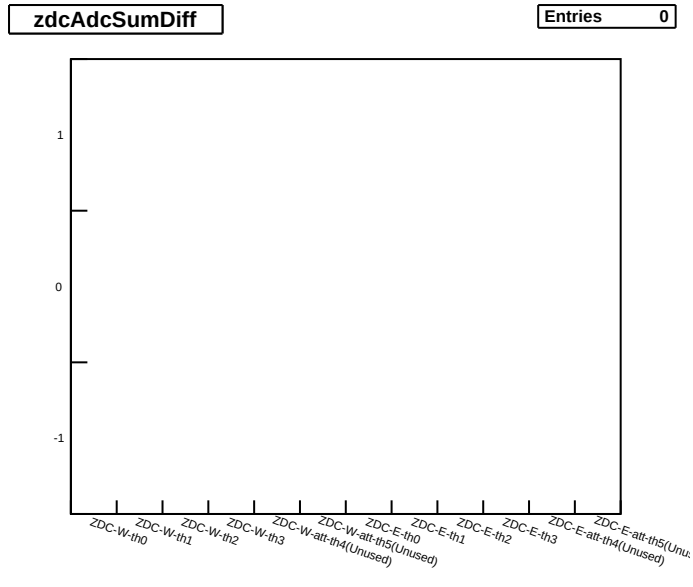

zdcEastTac
Entries 20943

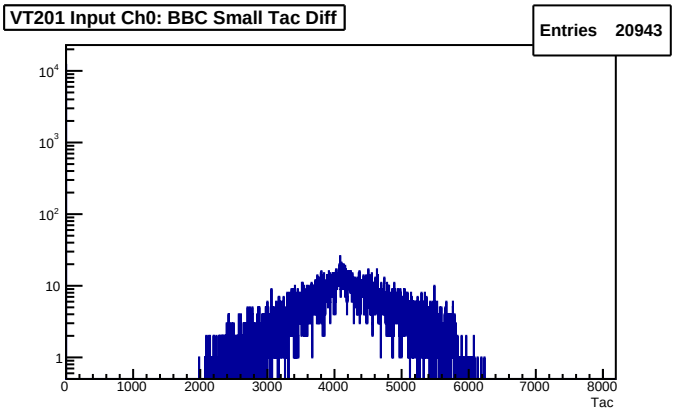

zdcEastTacVsSimu
Entries 3
Data
Simu

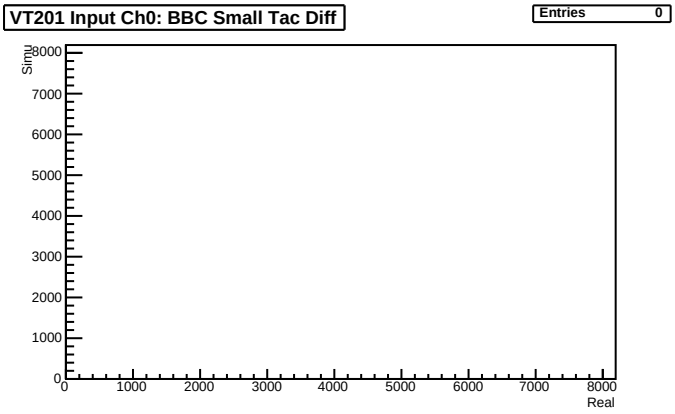

zdcWestTac
Entries 20943

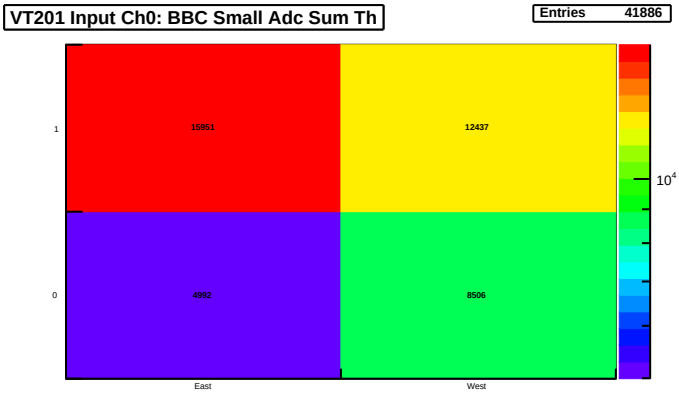

zdcWestTacVsSimu
Entries 7
Data
Simu

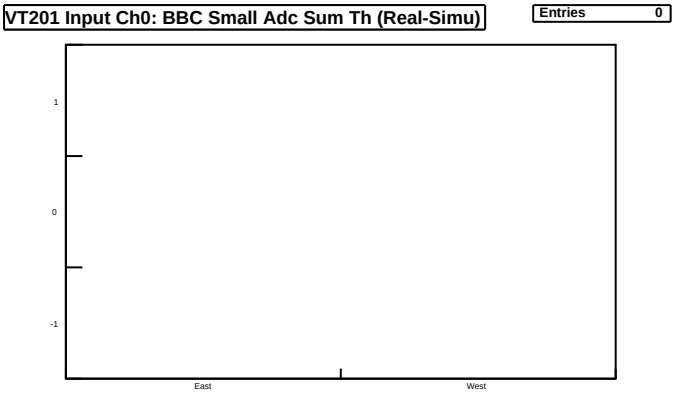

zdcAdcSum
Entries 251316
244
20
1
1
3513
36
20599
20923
20942
20942
20943
20943
17430
20907
20943
20943
20943
20943
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

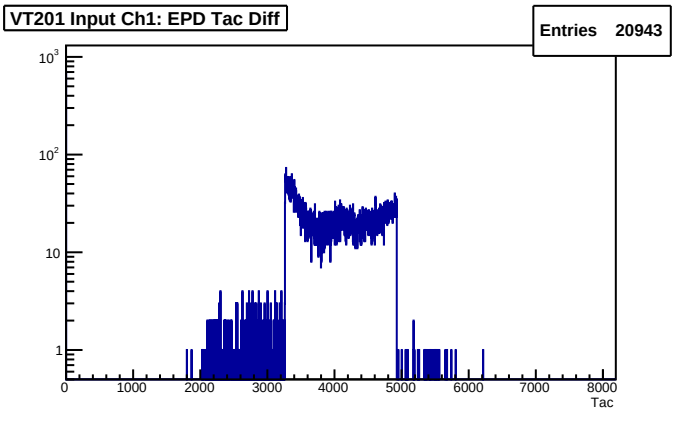

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

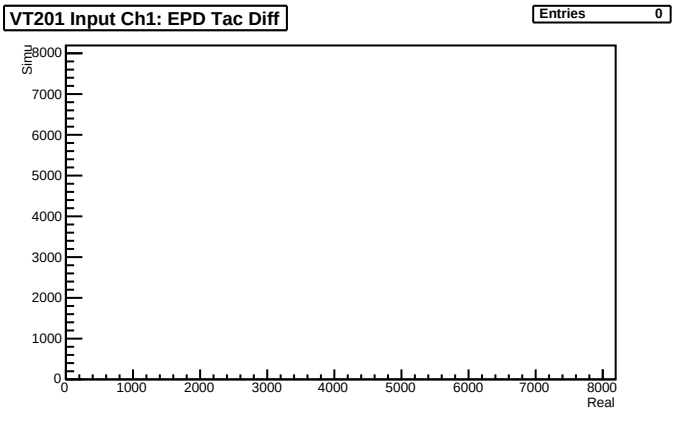

VT201 Input Ch0: BBC Small Tac Diff
Entries 20943
Tac

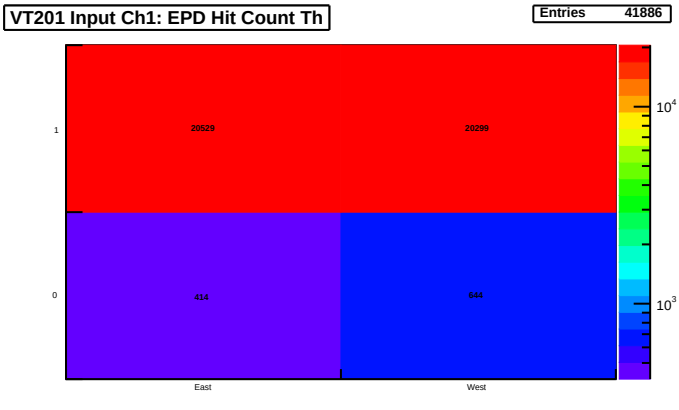

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

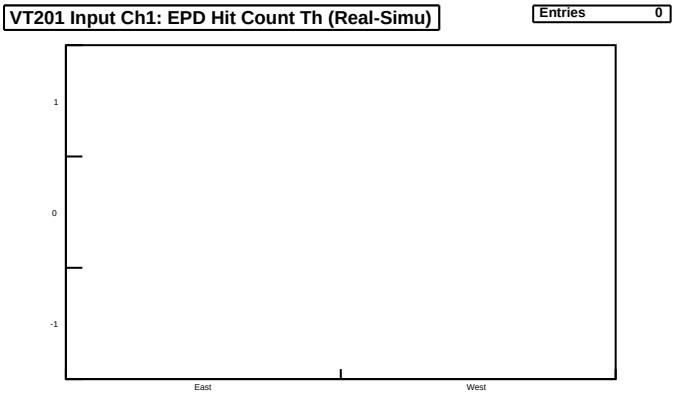

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 41886
15951
12437
4992
8506
East
West

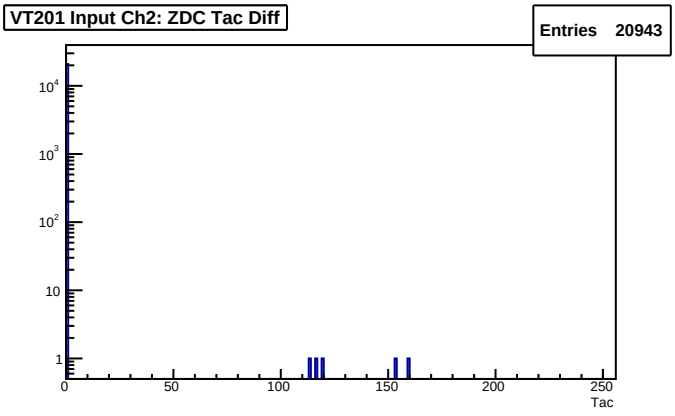

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

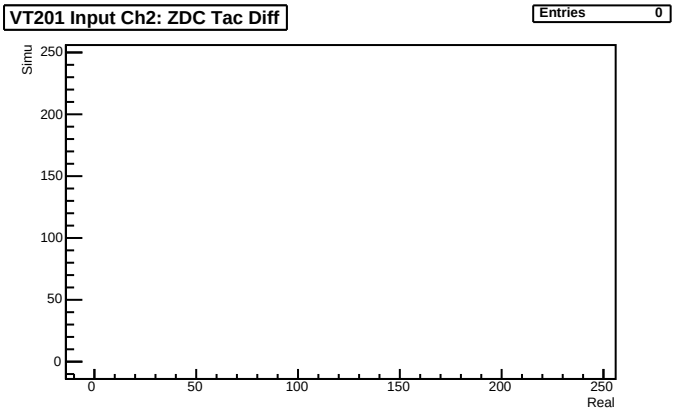

VT201 Input Ch1: EPD Tac Diff
Entries 20943
Tac

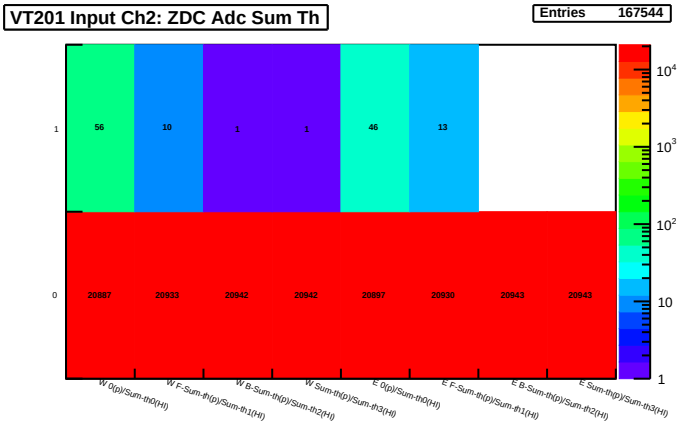

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

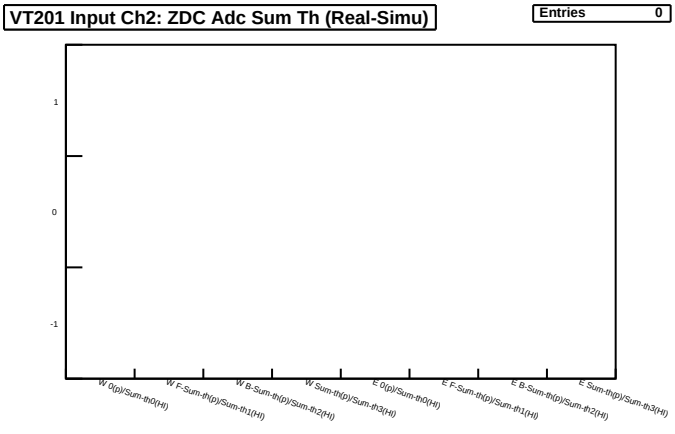

VT201 Input Ch1: EPD Hit Count Th
Entries 41886
20529
20299
414
644
East
West

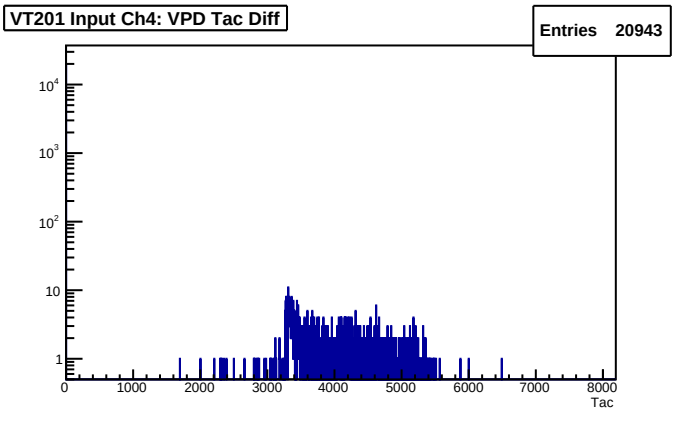

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

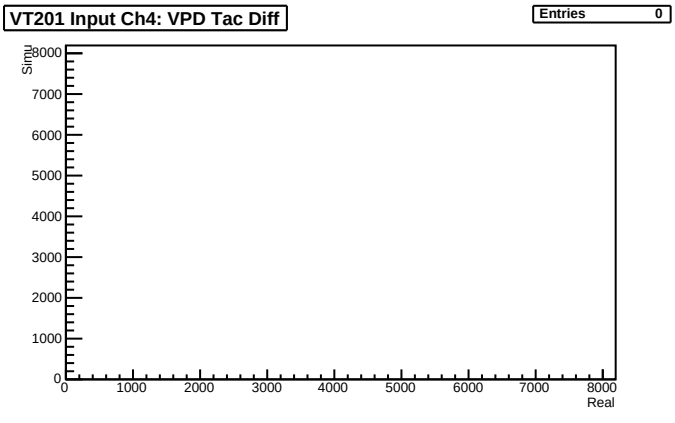

VT201 Input Ch2: ZDC Tac Diff
Entries 20943
Tac

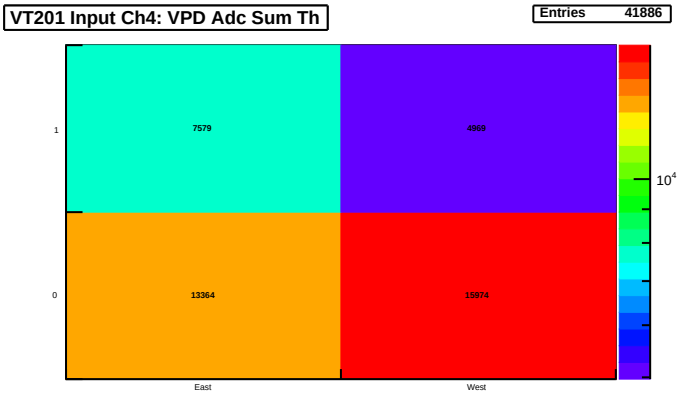

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

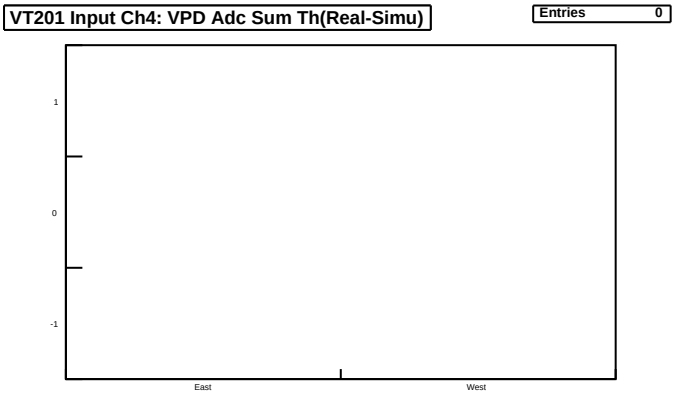

VT201 Input Ch2: ZDC Adc Sum Th
Entries 167544
56
10
1
1
46
13
20887
20933
20942
20942
20897
20930
20943
20943
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

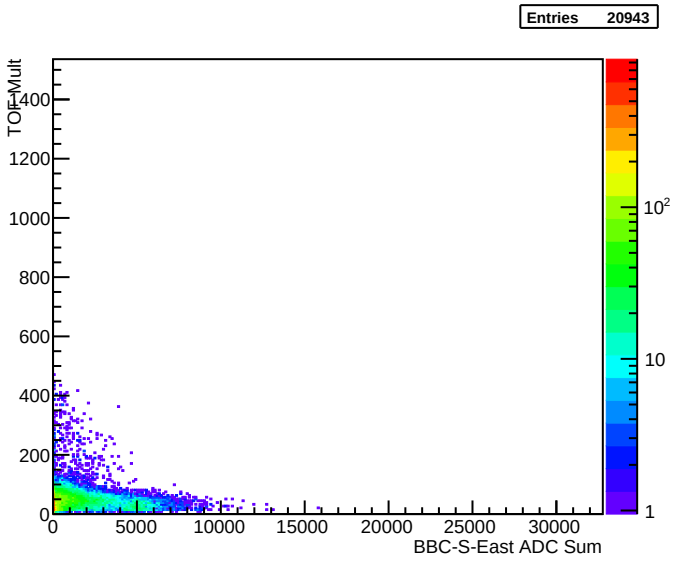

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

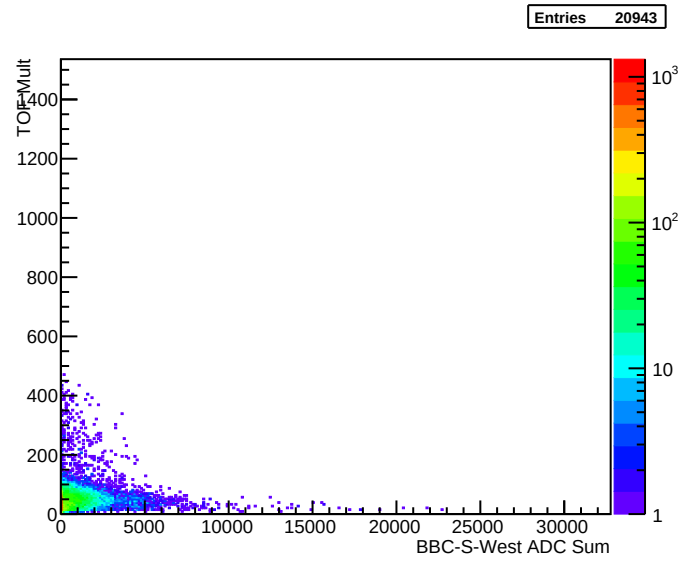

VT201 Input Ch4: VPD Tac Diff
Entries 20943
Tac

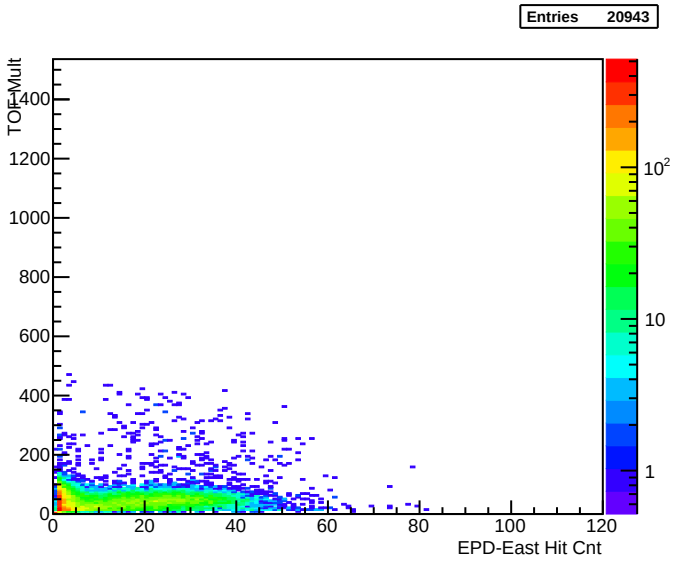

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

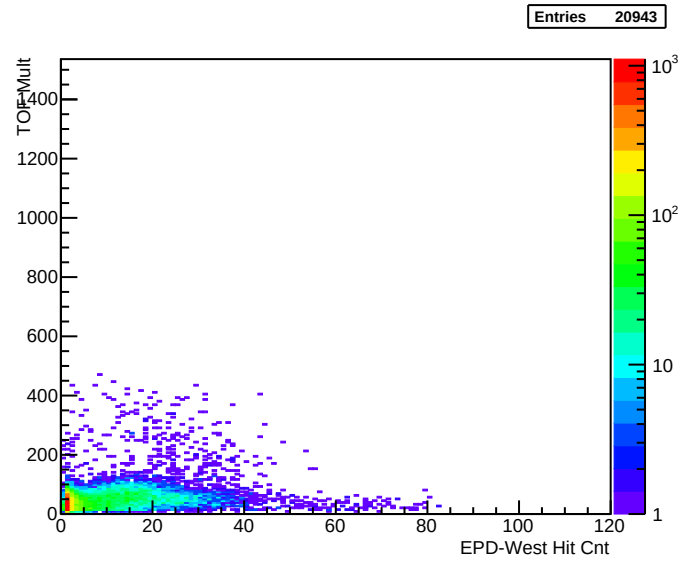

VT201 Input Ch4: VPD Adc Sum Th
Entries 41886
7579
4969
13364
15974
East
West

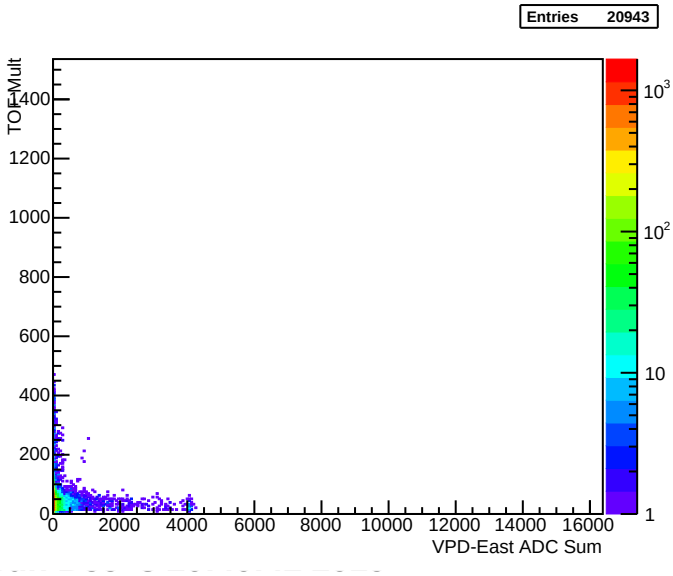

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

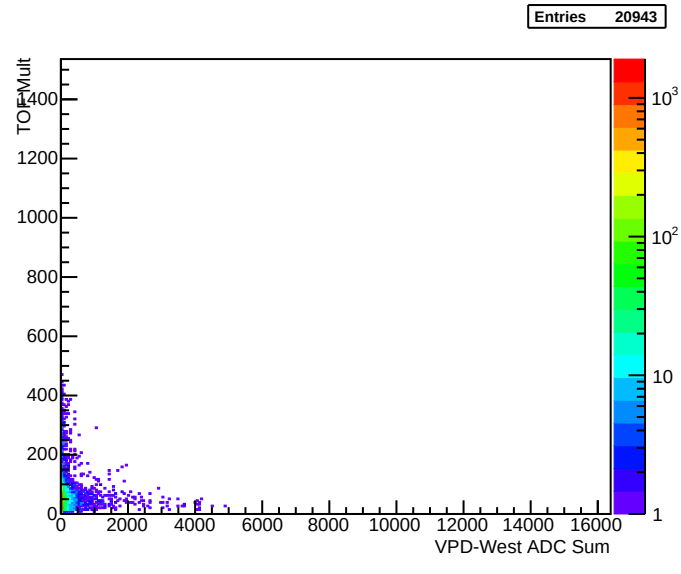

Entries 20943
TOF-Mult
BBC-S-East ADC Sum

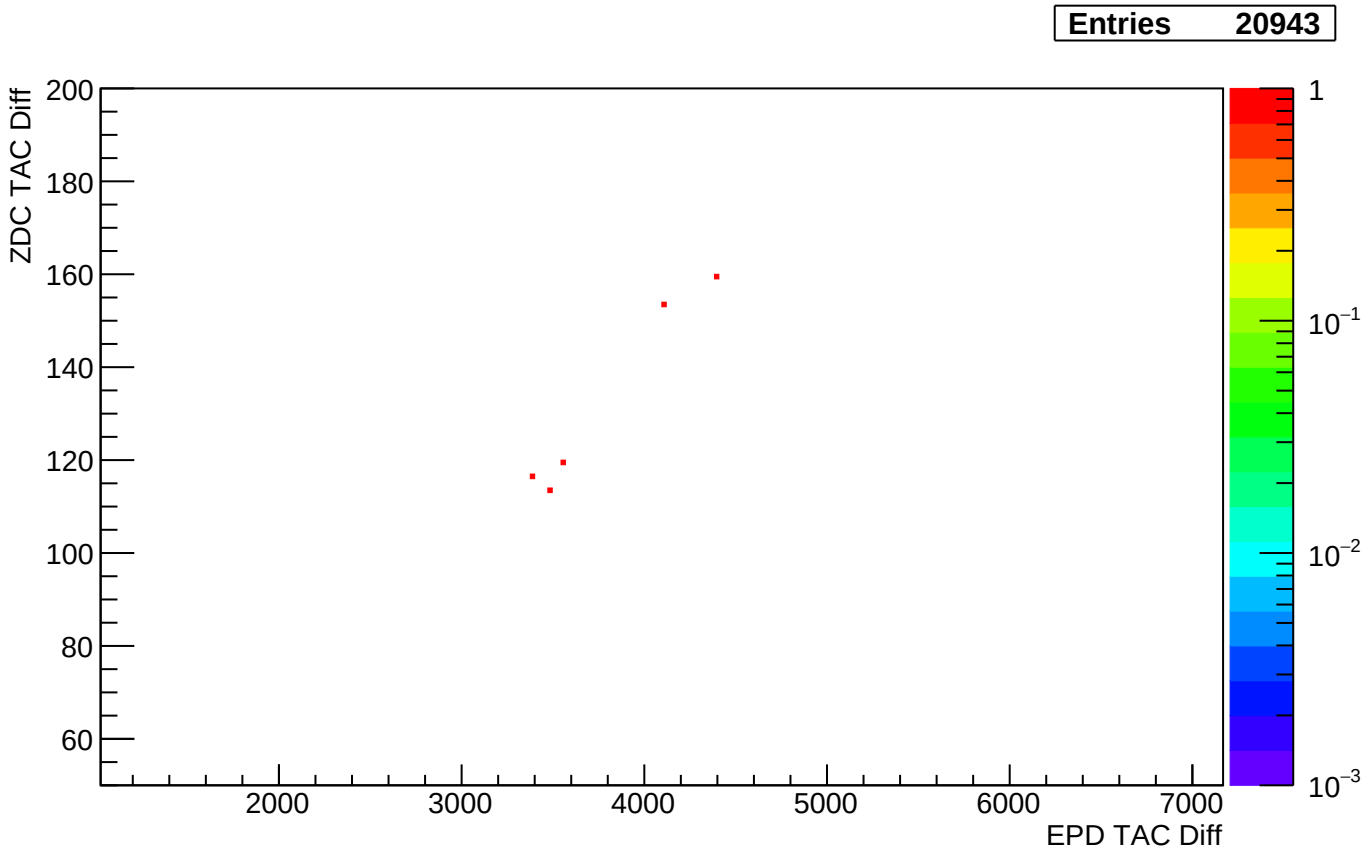

Entries 20943
TOF-Mult
BBC-S-West ADC Sum

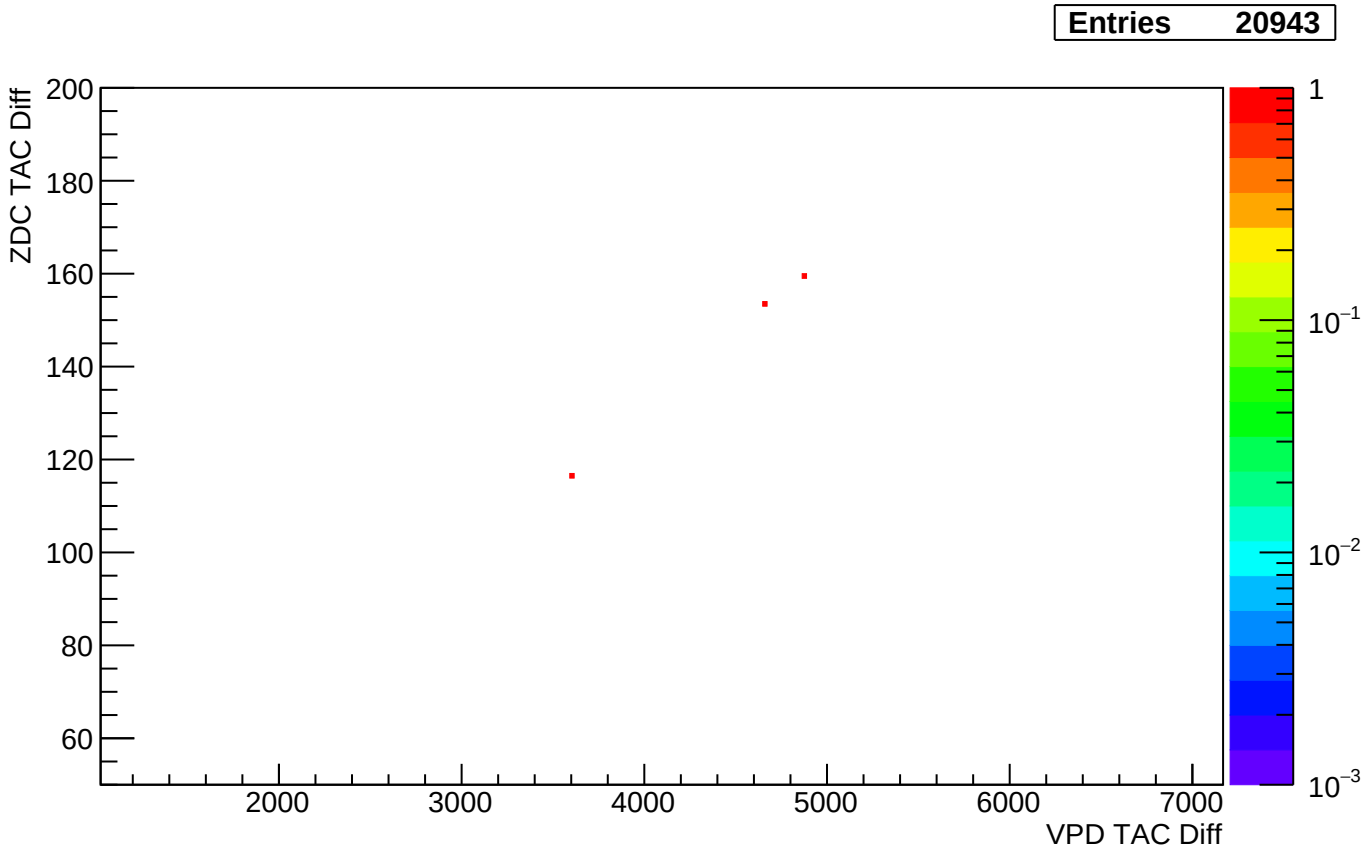

Entries 20943
TOF-Mult
EPD-East Hit Cnt

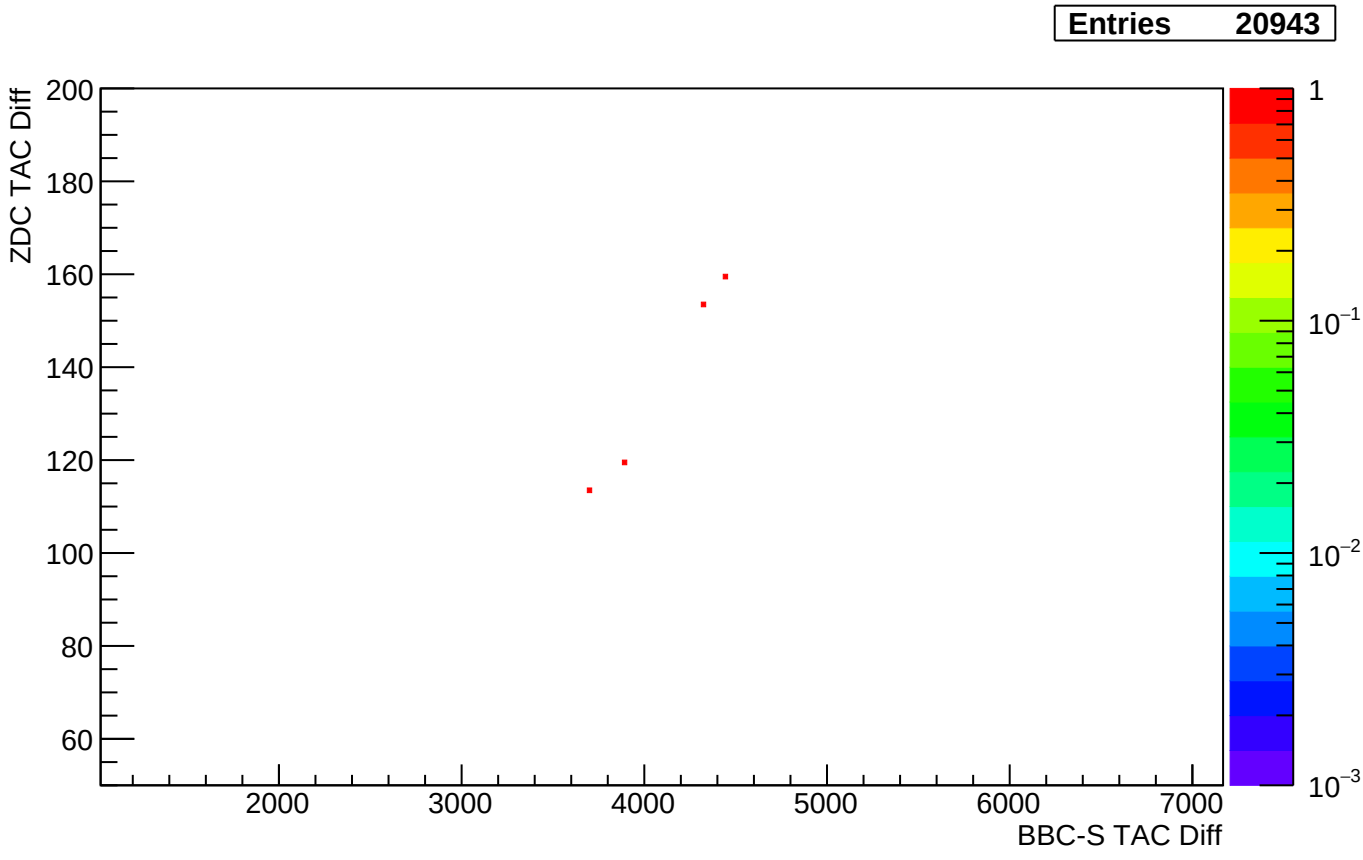

Entries 20943
TOF-Mult
EPD-West Hit Cnt

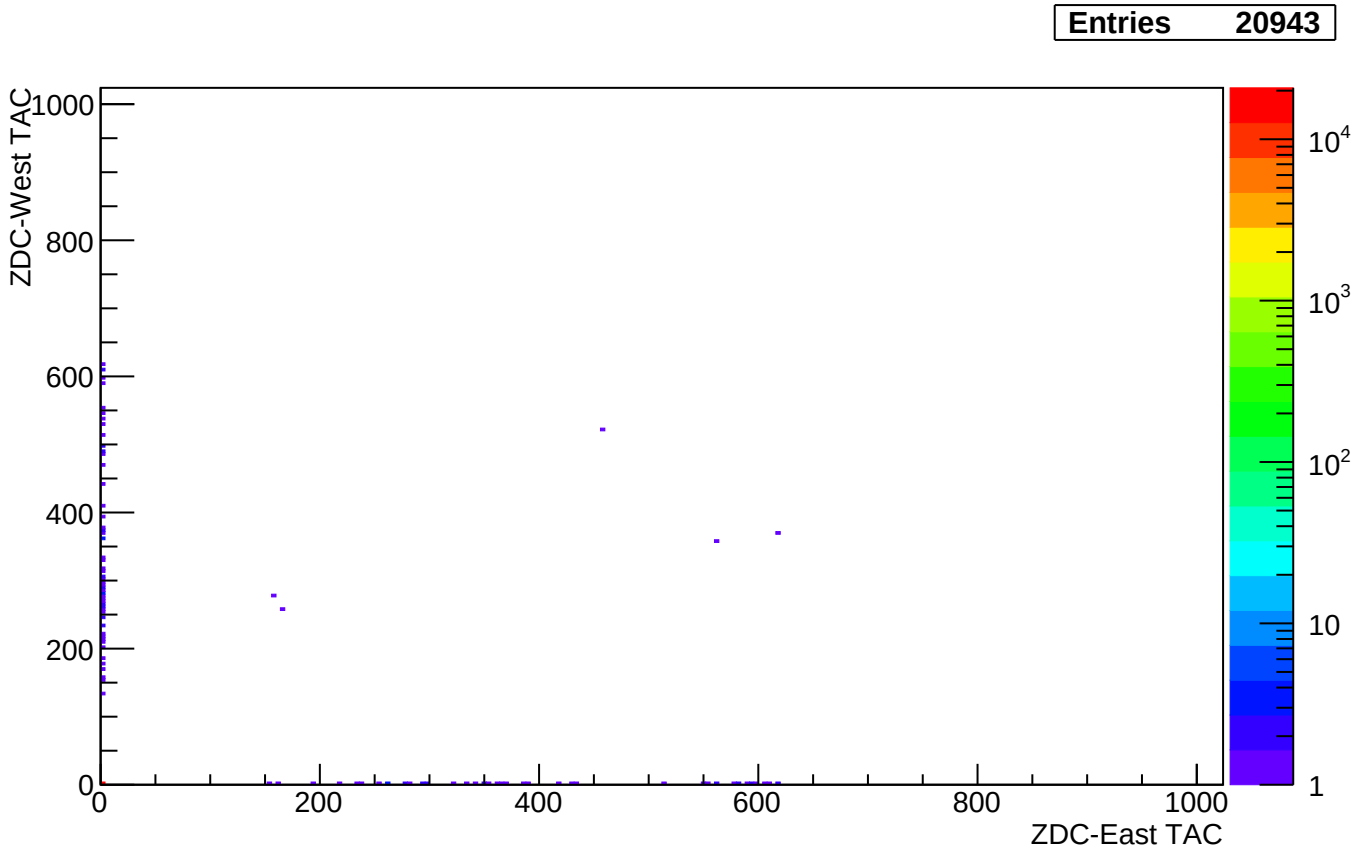

Entries 20943
TOF-Mult
VPD-East ADC Sum

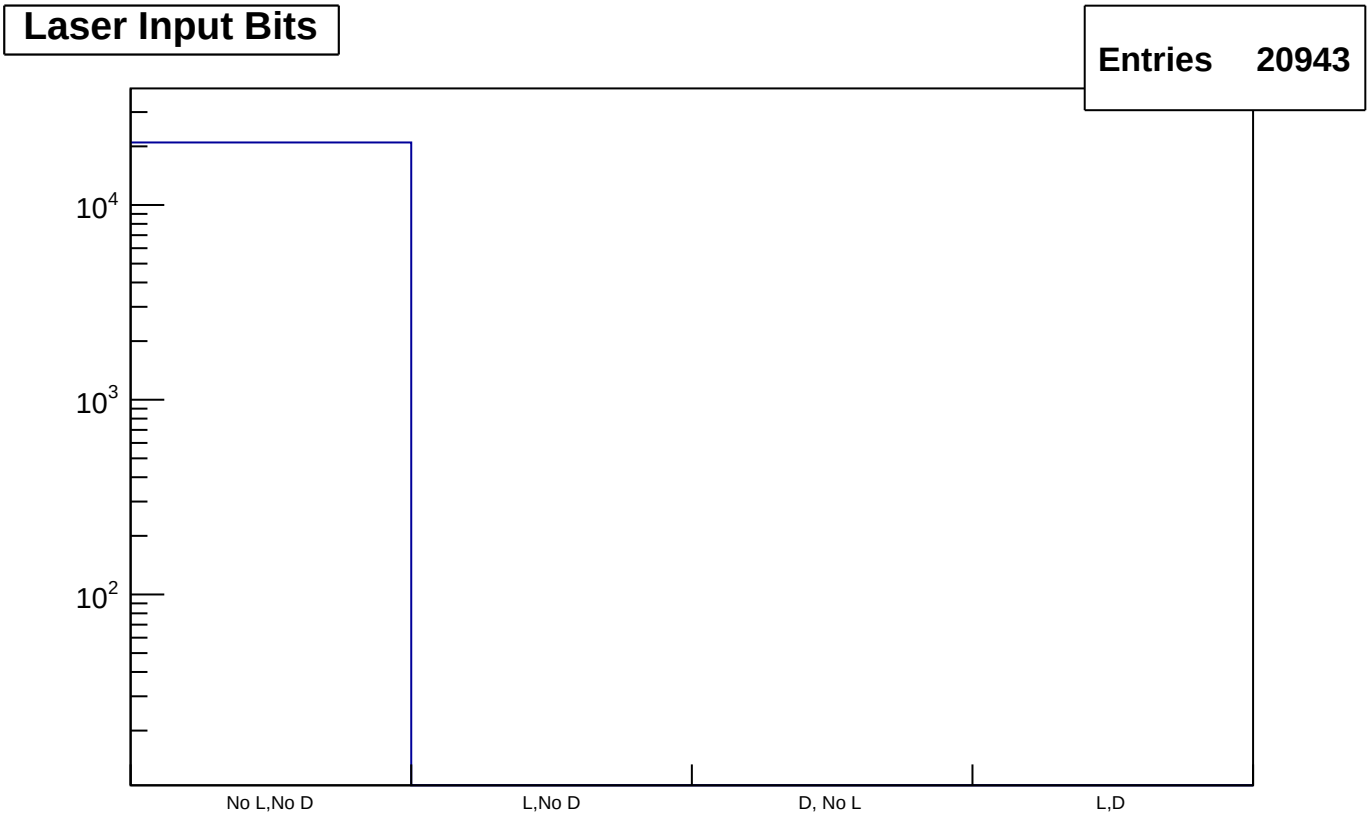

Entries 20943
TOF-Mult
VPD-West ADC Sum

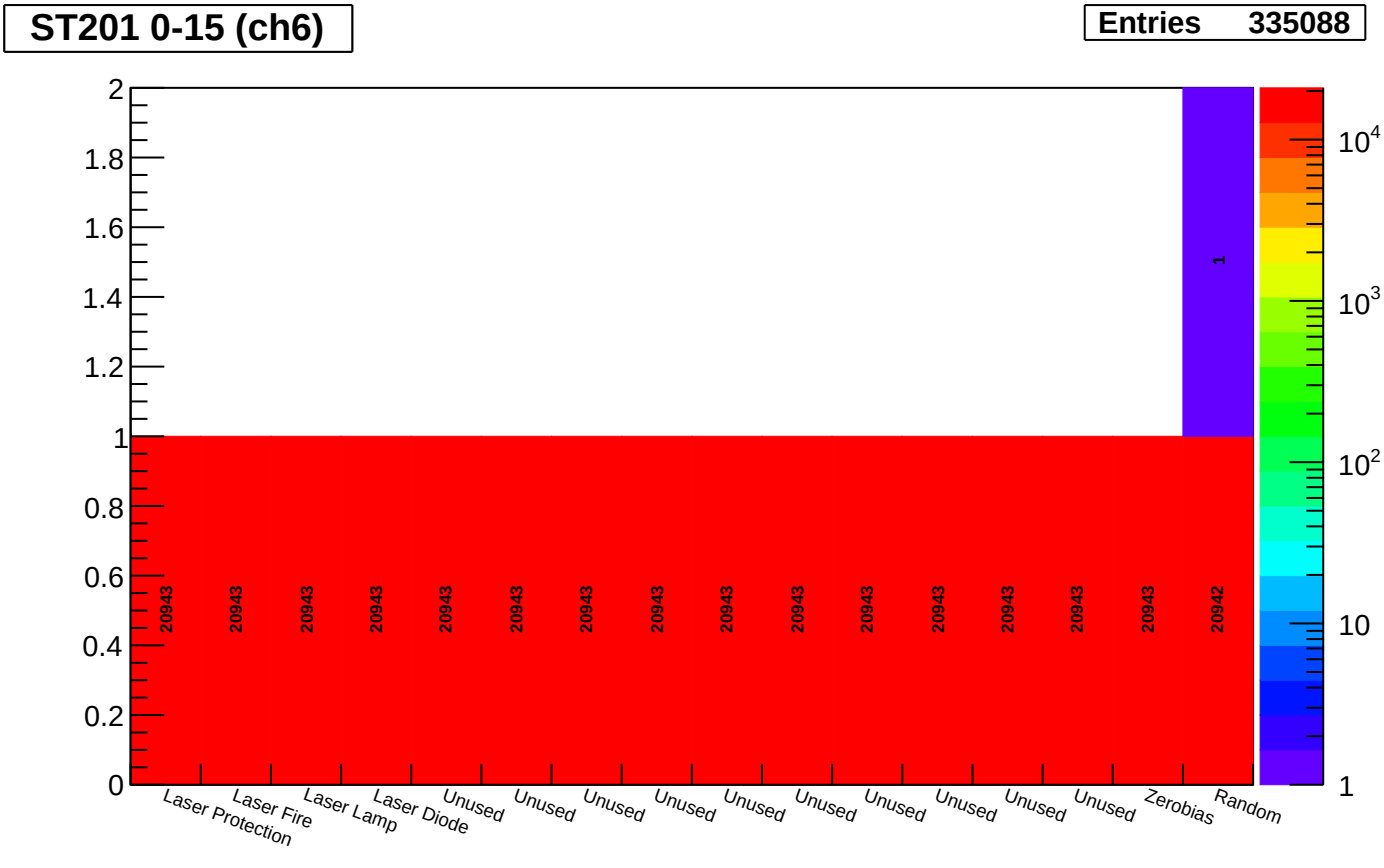

Entries 20943
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

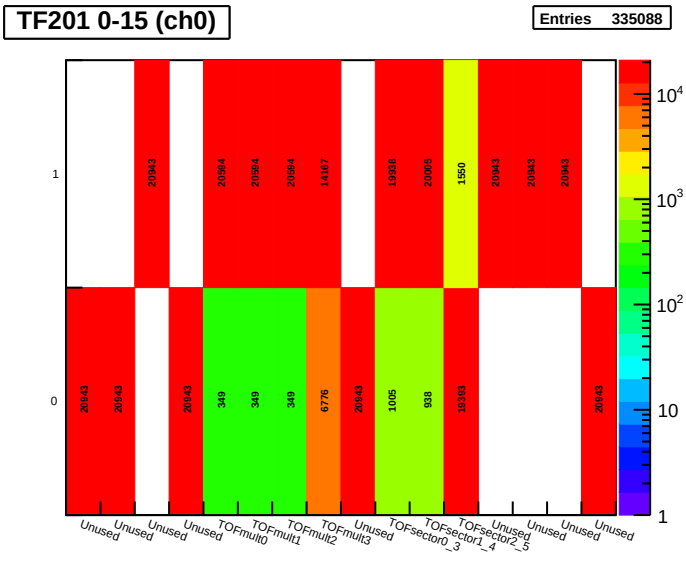

Entries 20943
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}


Entries 20943
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}
10^{-3}


Entries 20943
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1


Laser Input Bits
Entries 20943
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 335088
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20943
20943
20943
20943
20943
20943
20943
20943
20943
20943
20943
20943
20943
20943
20943
20942
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 335088
1
0
20943 20943 20943