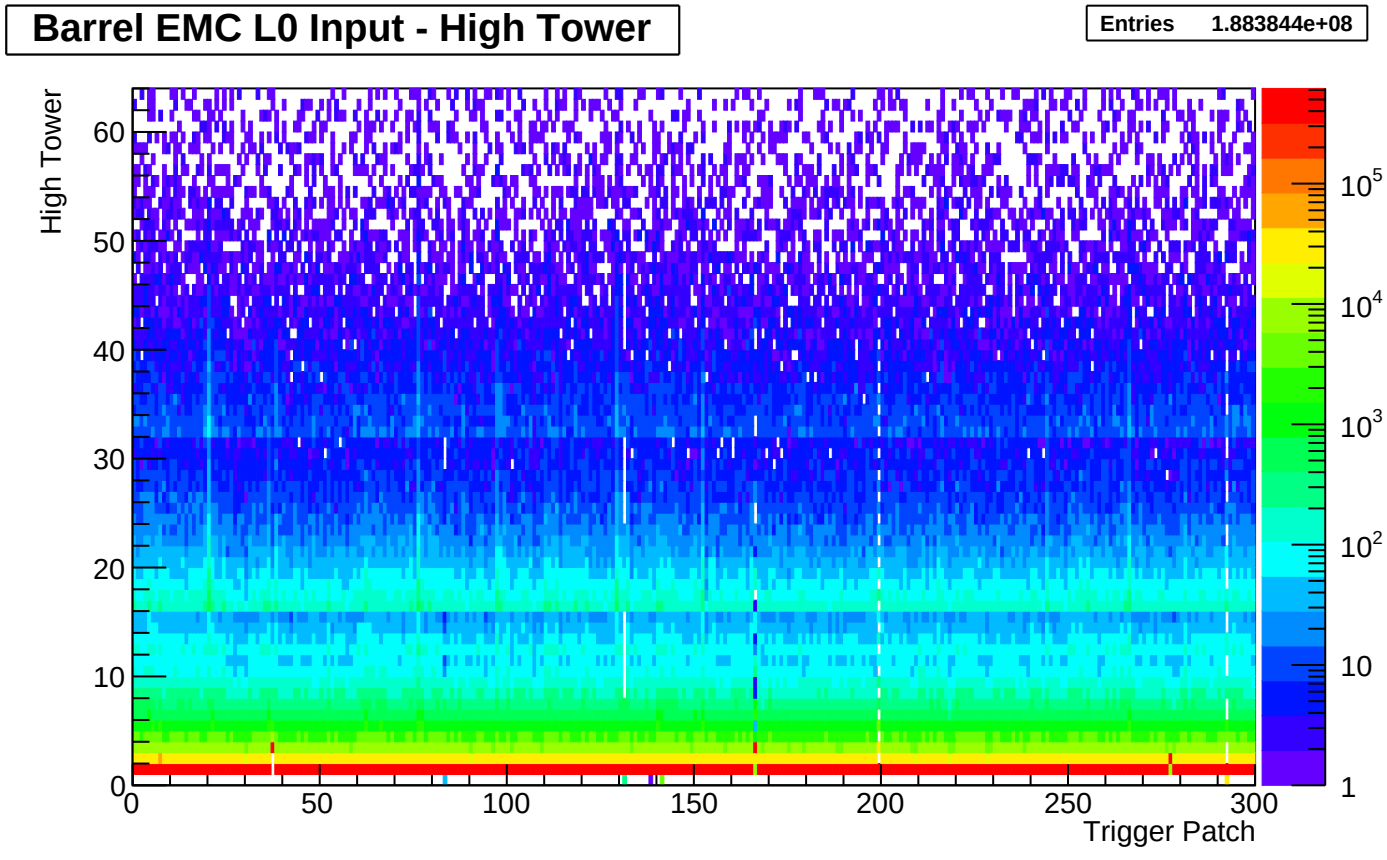
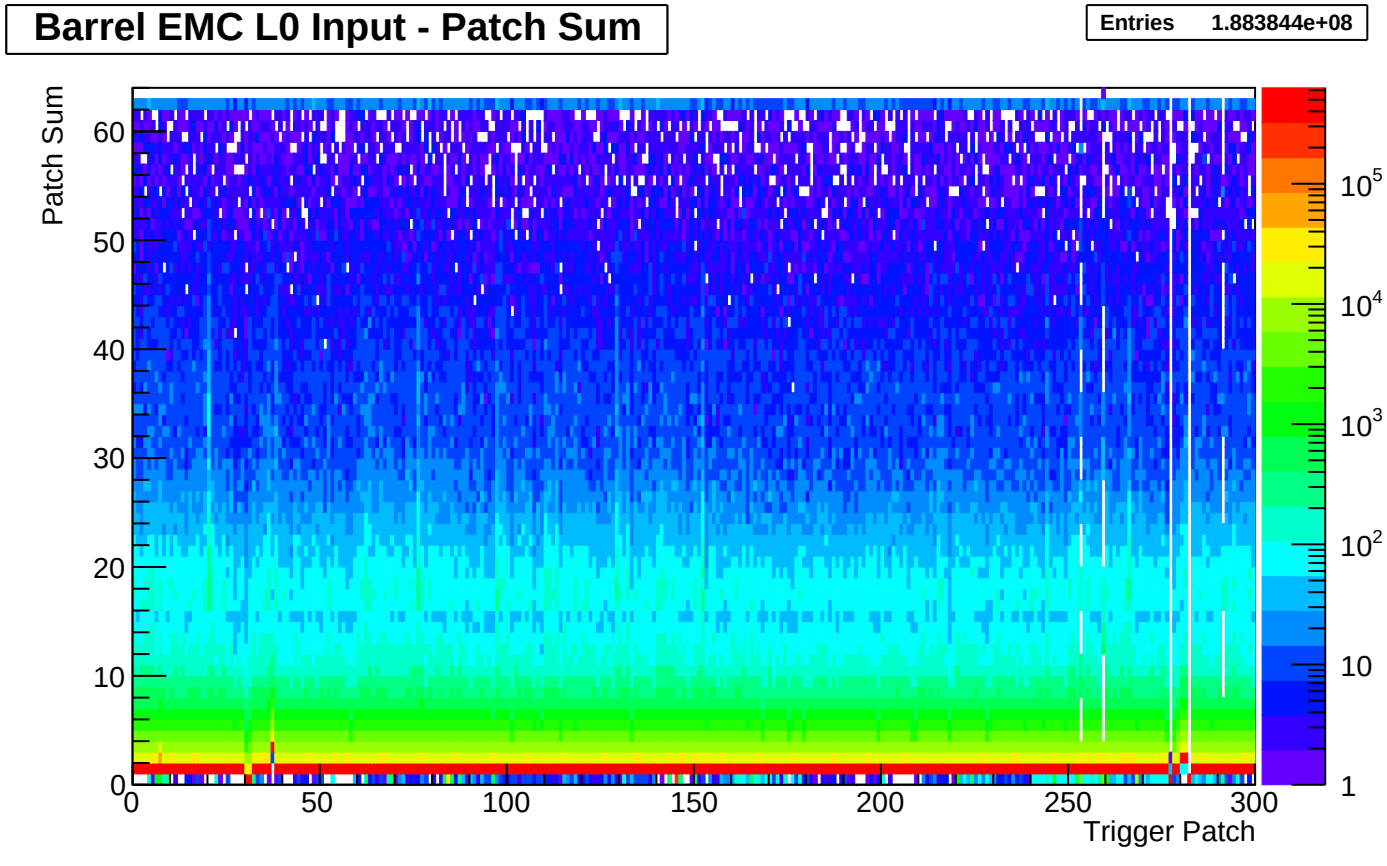
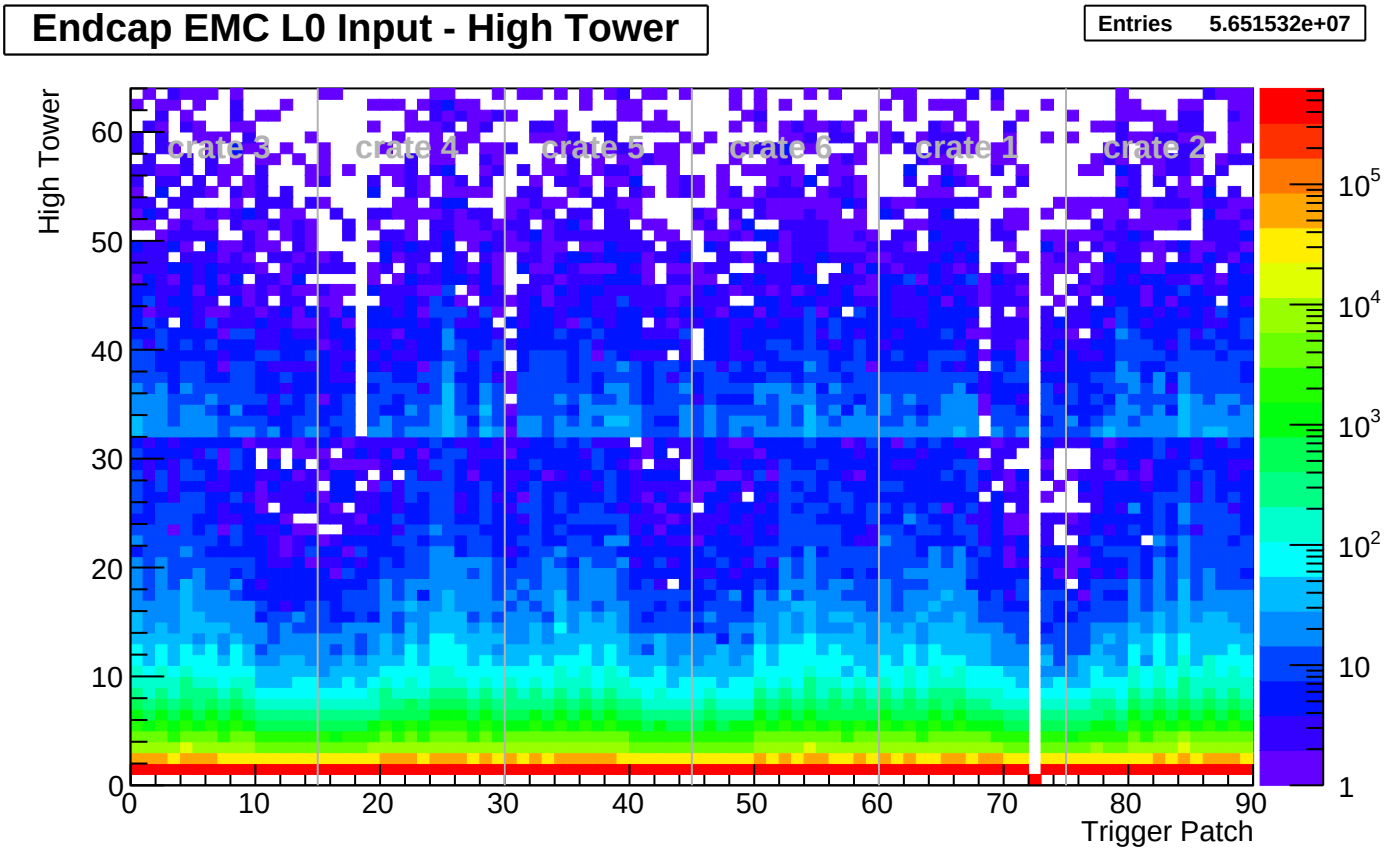
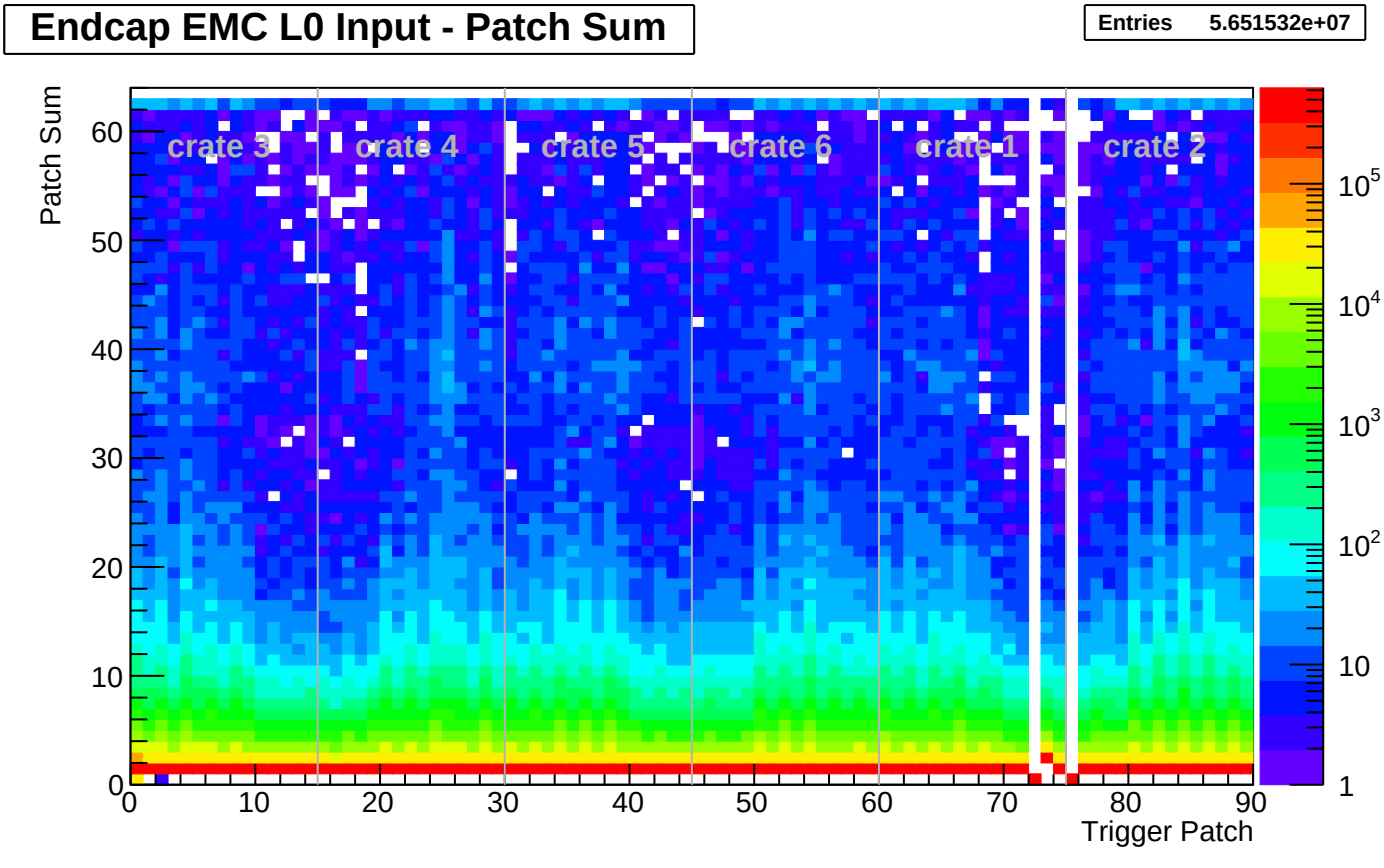
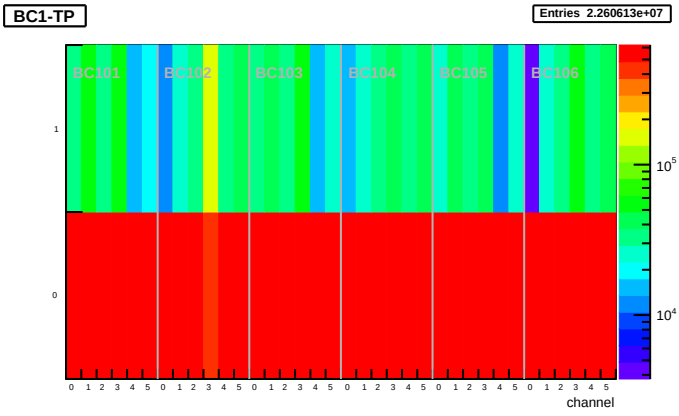
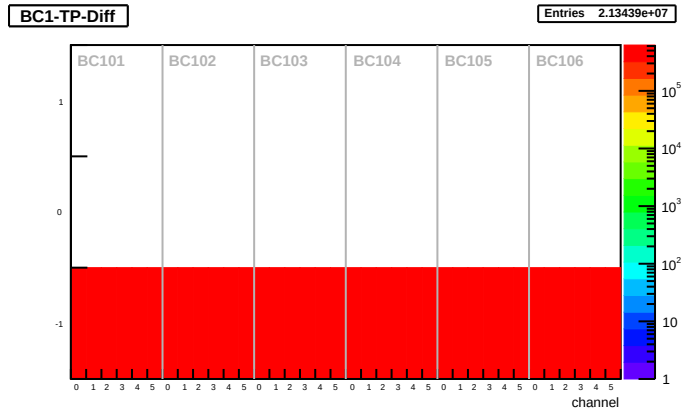

Barrel EMC L0 Input - High Tower
Entries 1.883844e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

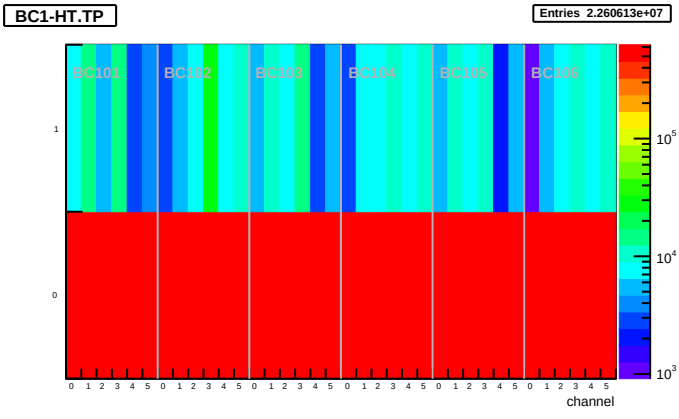

Barrel EMC L0 Input - Patch Sum
Entries 1.883844e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

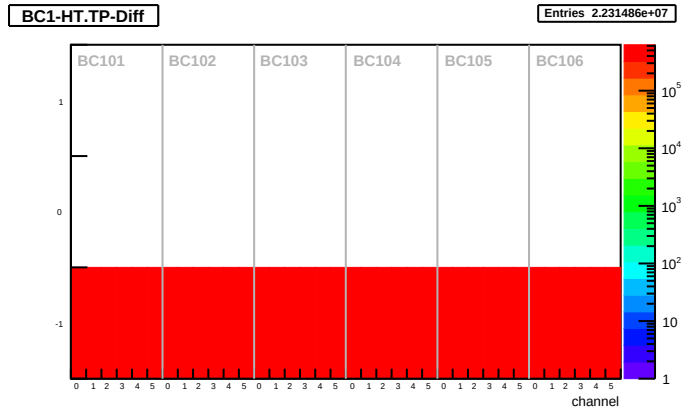

Endcap EMC L0 Input - High Tower
Entries 5.651532e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

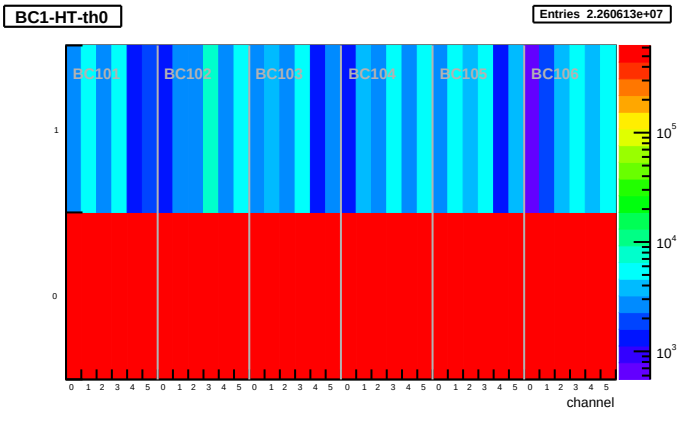

Endcap EMC L0 Input - Patch Sum
Entries 5.651532e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

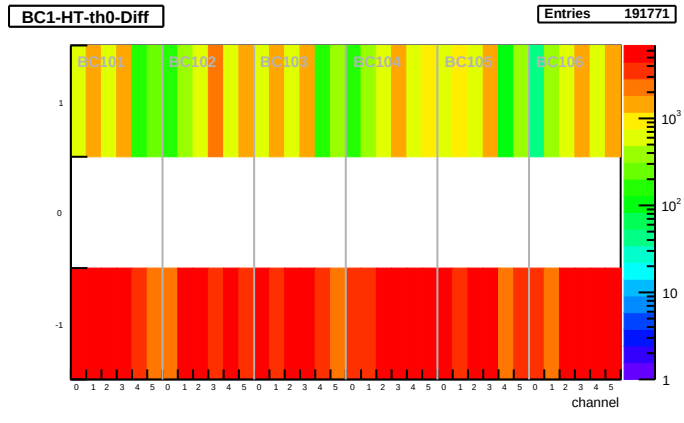

BC1-TP
Entries 2.260613e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

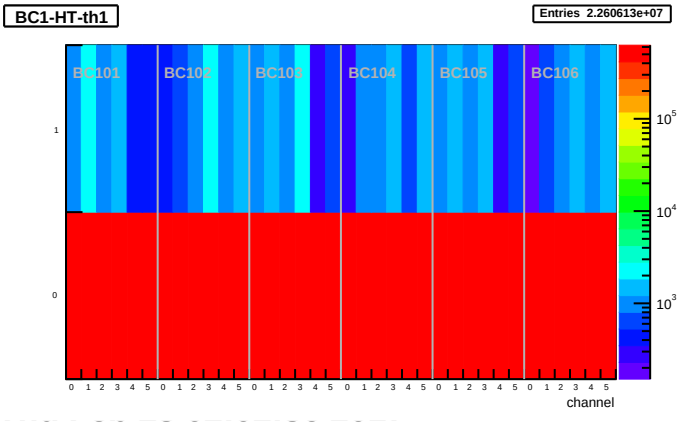

BC1-TP-Diff
Entries 2.13439e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

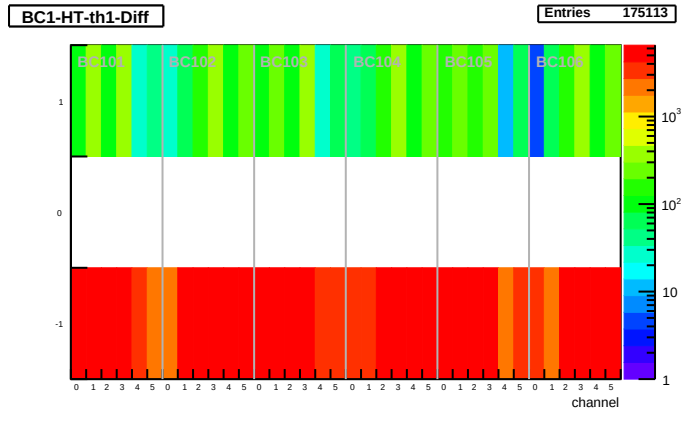

BC1-HT.TP
Entries 2.260613e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

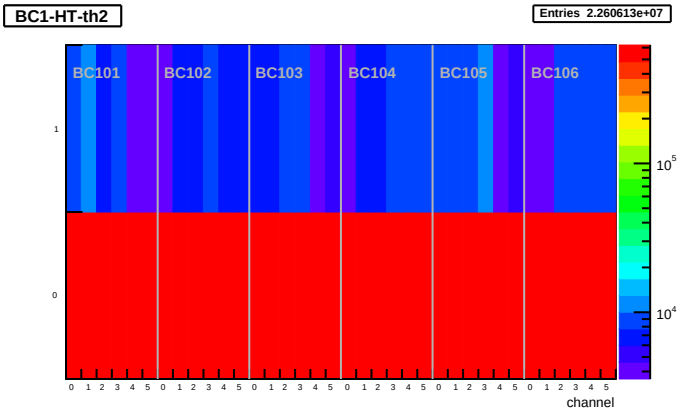

BC1-HT.TP-Diff
Entries 2.231486e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

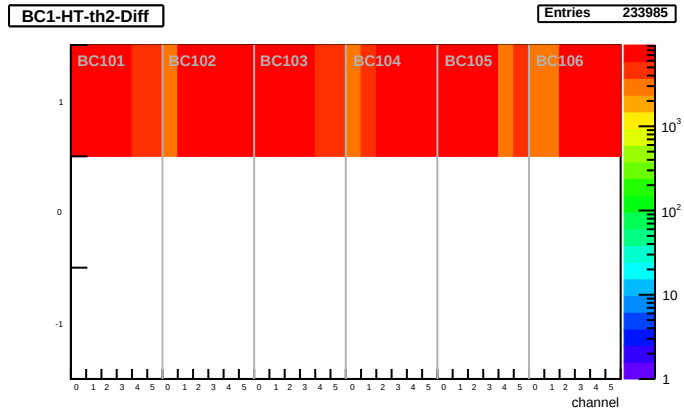

BC1-HT-th0
Entries 2.260613e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

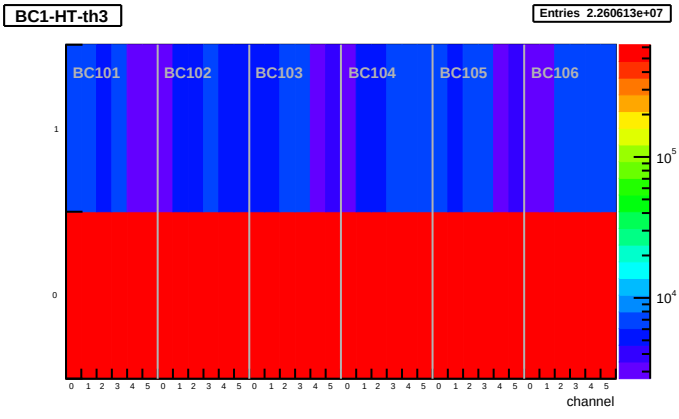

BC1-HT-th0-Diff
Entries 191771
BC101
BC102
BC103
BC104
BC105
BC106
channel

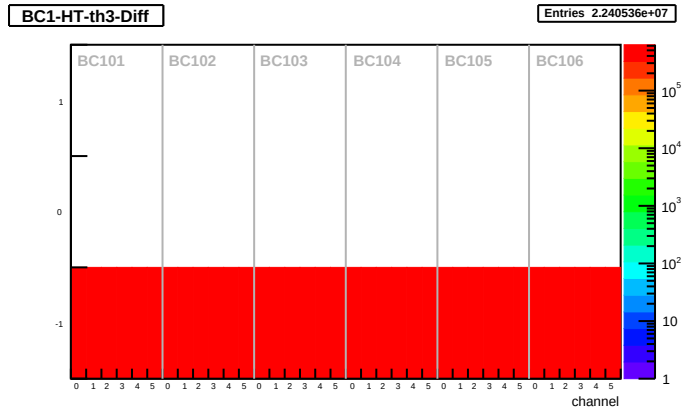

BC1-HT-th1
Entries 2.260613e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

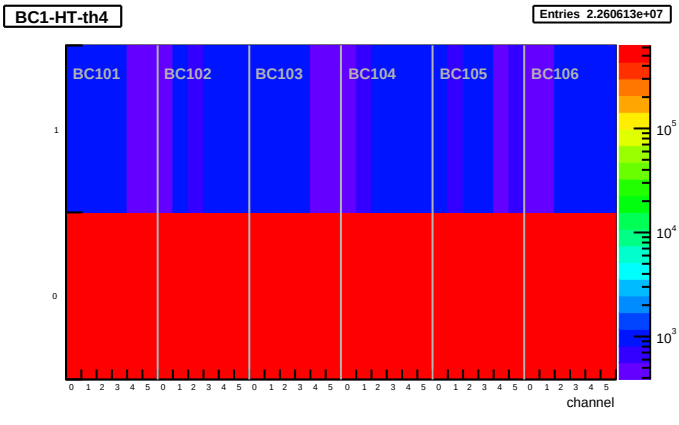

BC1-HT-th1-Diff
Entries 175113
BC101
BC102
BC103
BC104
BC105
BC106
channel

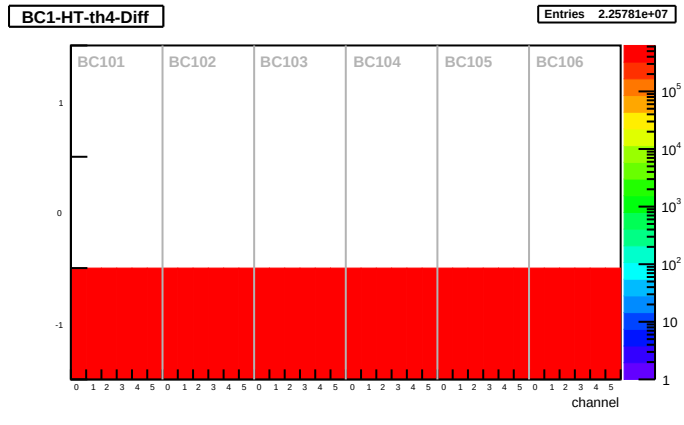

BC1-HT-th2
Entries 2.260613e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

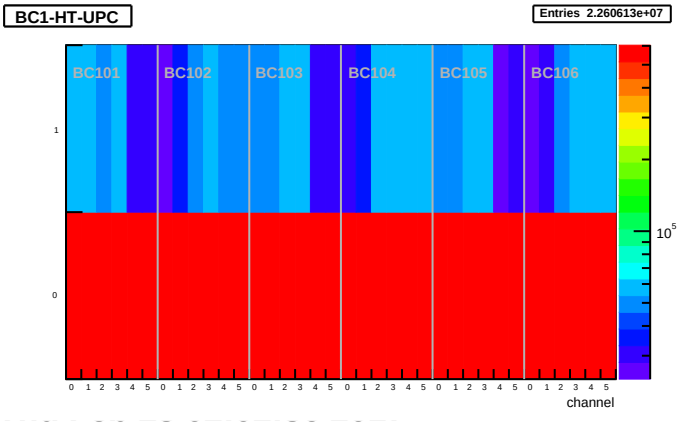

BC1-HT-th2-Diff
Entries 233985
BC101
BC102
BC103
BC104
BC105
BC106
channel

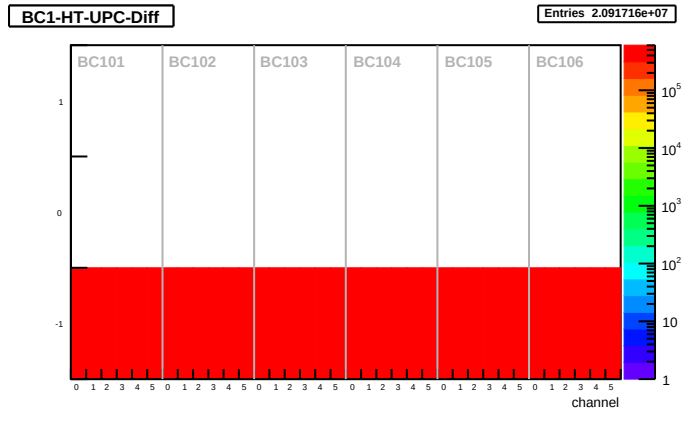

BC1-HT-th3
Entries 2.260613e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

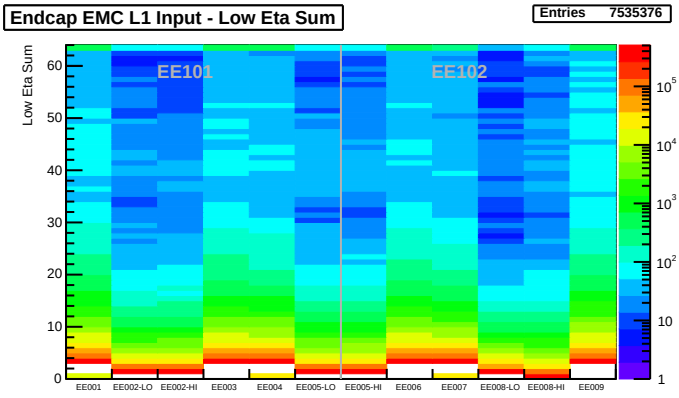

BC1-HT-th3-Diff
Entries 2.240536e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

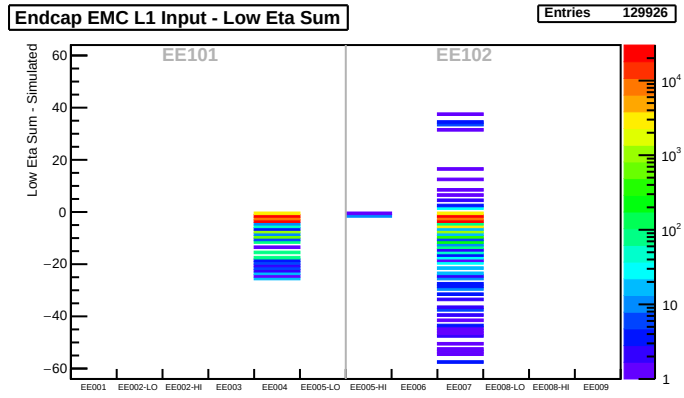

BC1-HT-th4
Entries 2.260613e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

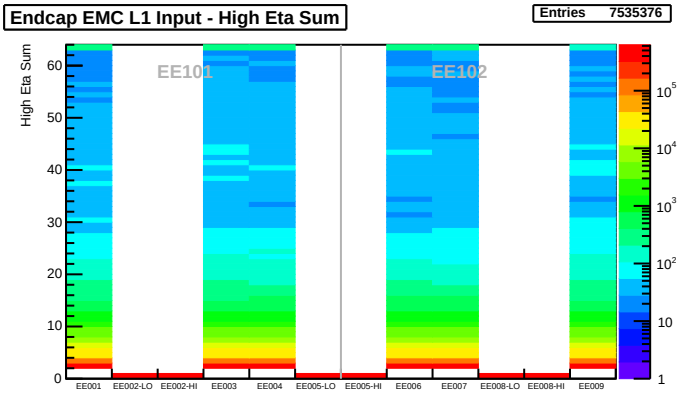

BC1-HT-th4-Diff
Entries 2.25781e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

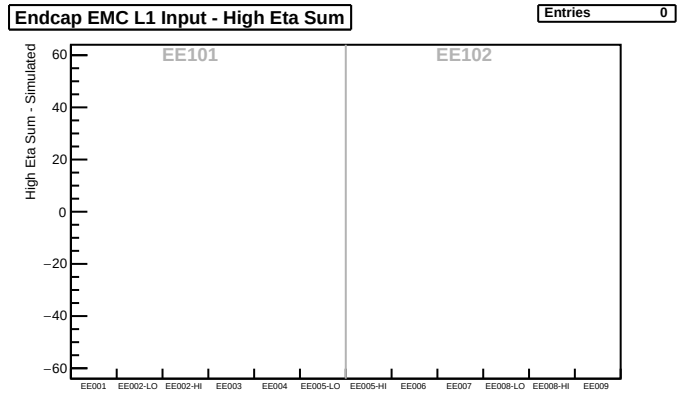

BC1-HT-UPC
Entries 2.260613e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

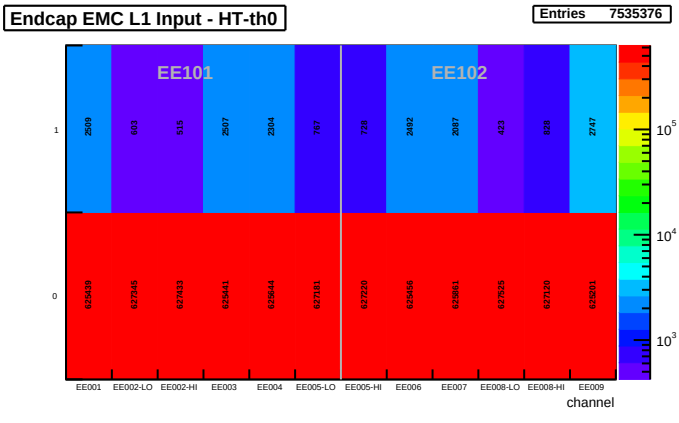

BC1-HT-UPC-Diff
Entries 2.091716e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

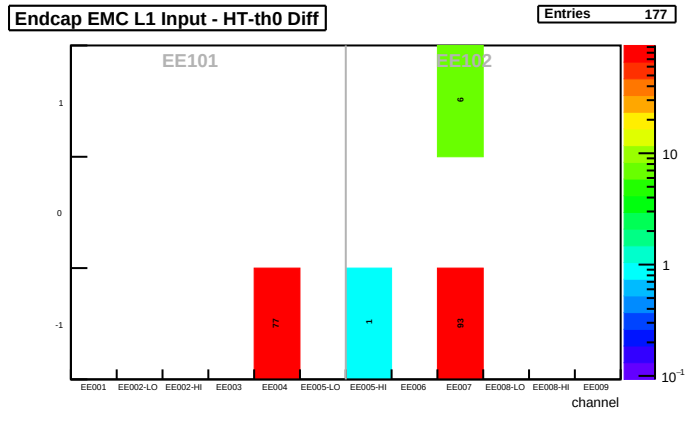

Endcap EMC L1 Input - Low Eta Sum
Entries 7535376
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

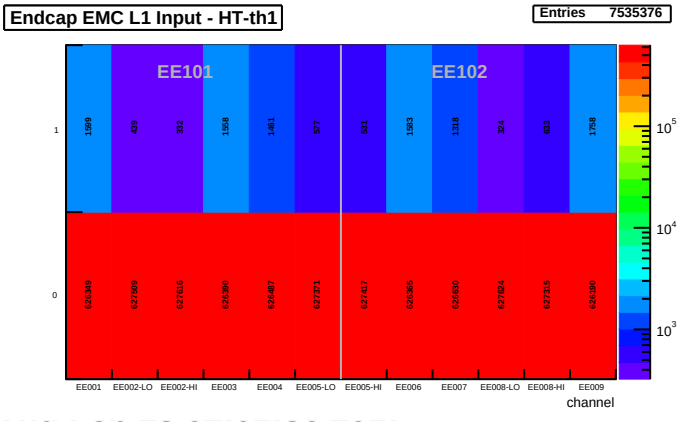

Endcap EMC L1 Input - Low Eta Sum
Entries 129926
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

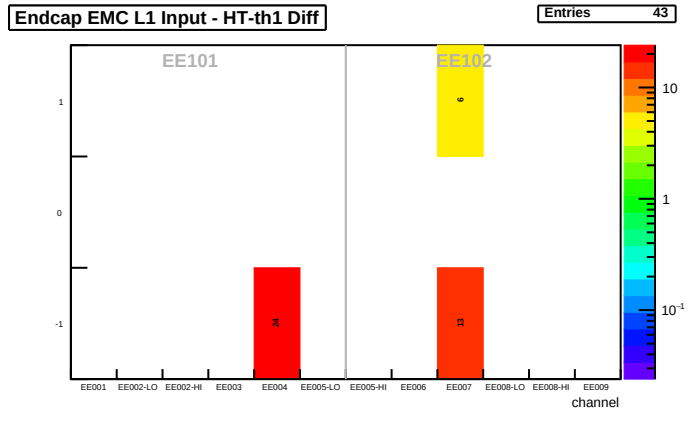

Endcap EMC L1 Input - High Eta Sum
Entries 7535376
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

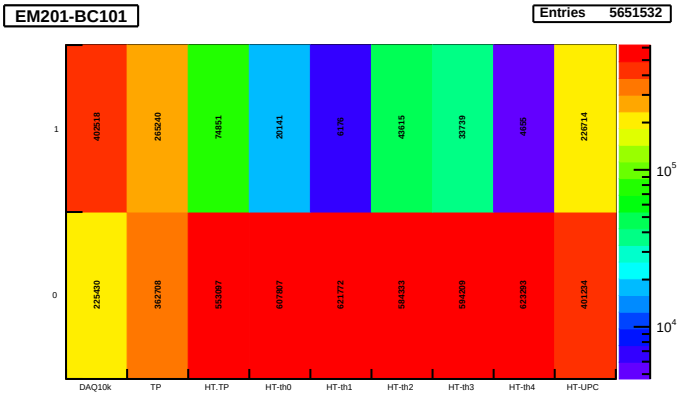

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

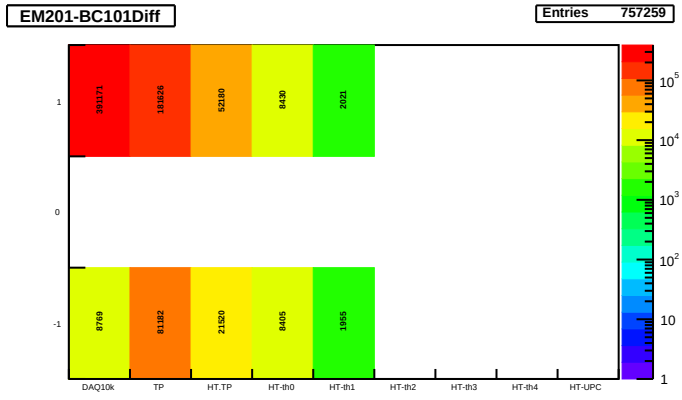

Endcap EMC L1 Input - HT-th0
Entries 7535376
EE101
EE102
channel

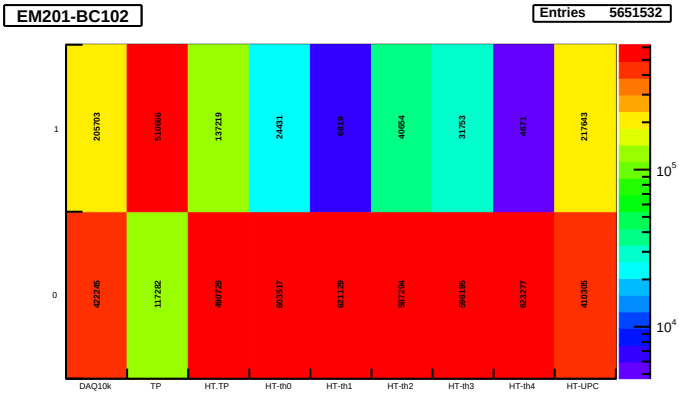

Endcap EMC L1 Input - HT-th0 Diff
Entries 177
EE101
EE102
channel

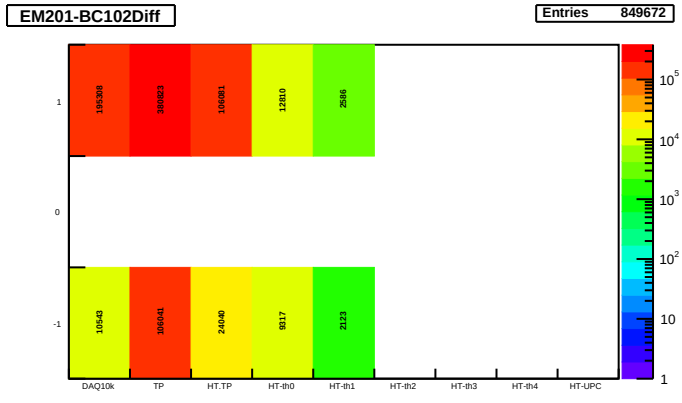

Endcap EMC L1 Input - HT-th1
Entries 7535376
EE101
EE102
channel

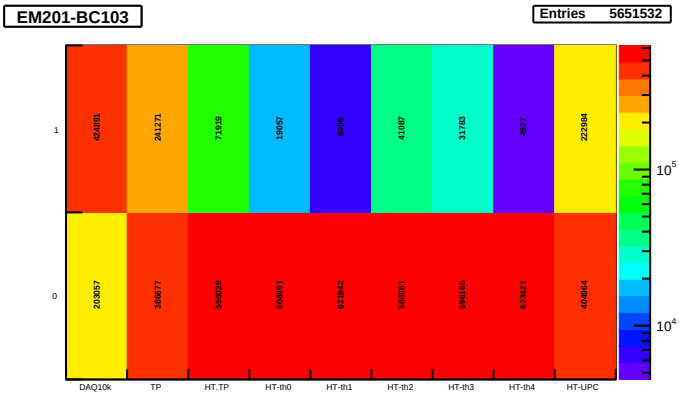

Endcap EMC L1 Input - HT-th1 Diff
Entries 43
EE101
EE102
channel

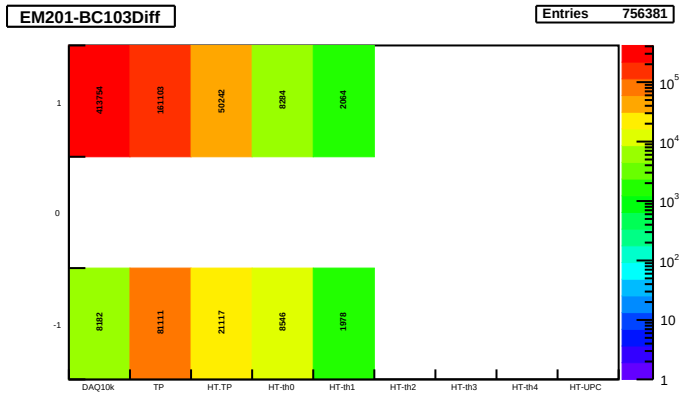

EM201-BC101
Entries 5651532
1
0
402518
265240
74851
20141
6176
43615
33739
4655
226714
225403
362708
553097
607807
621772
594333
594209
623293
401224
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

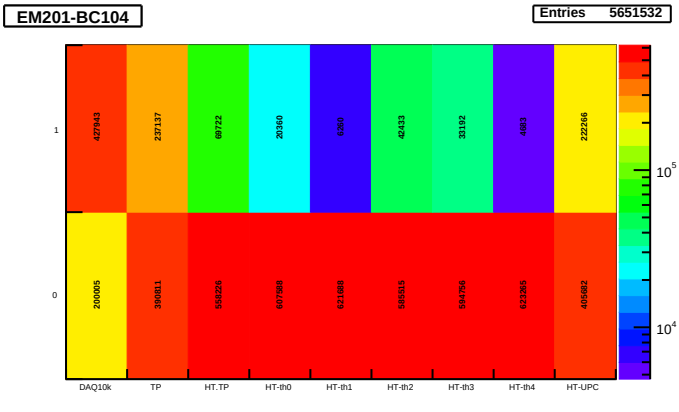

EM201-BC101Diff
Entries 757259
1
0
-1
391171
181526
52180
8430
2021
8769
81182
21520
8405
1955
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

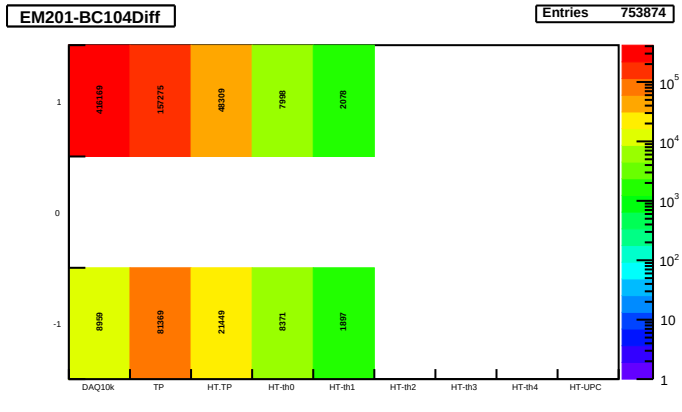

EM201-BC102
Entries 5651532
1
0
205703
510866
137219
24431
6819
40654
31753
4671
217643
422245
117282
490729
603517
621129
597234
596195
623277
410305
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 849672
1
0
-1
195308
380823
106081
12810
2586
10543
106041
24040
9317
2123
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

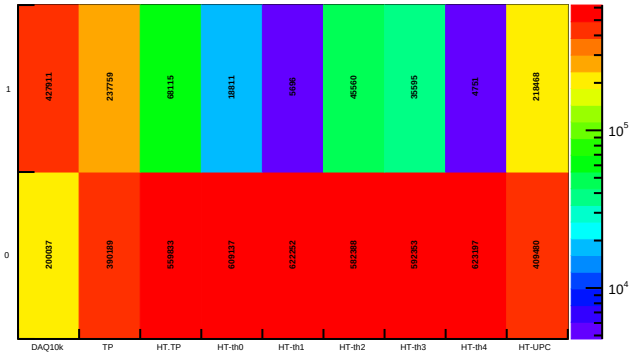

EM201-BC103
Entries 5651532
1
0
424891
241271
71919
19057
6006
41087
31783
4527
222984
203057
386677
559229
608891
623942
598861
596165
623421
404864
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 756381
1
0
-1
413754
161103
50242
8284
2064
8182
81111
21117
8546
1978
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

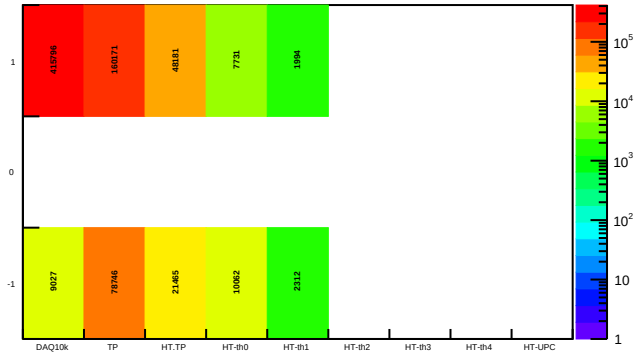

EM201-BC104
Entries 5651532
1
0
427943
237137
69722
20360
6260
42433
33192
4683
222266
200005
390811
558226
607988
621688
596515
594756
623585
405682
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 753874
1
0
-1
416169
157275
48309
7998
2078
8959
81369
21449
8371
1897
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

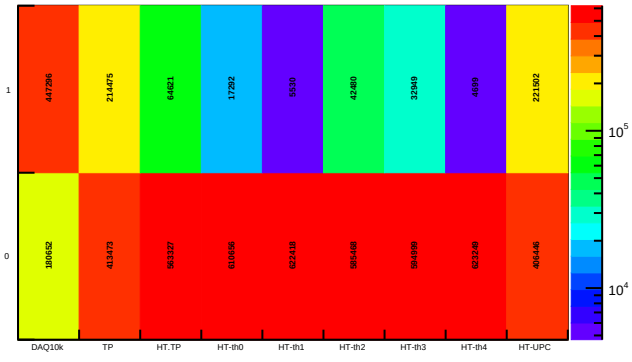
EM201-BC105 Entries 5651532



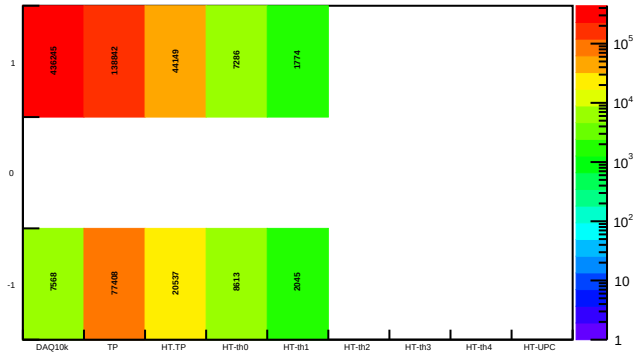
EM201-BC105Diff Entries 755485



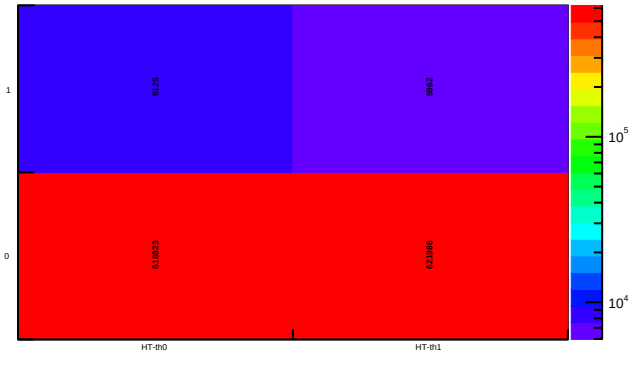
EM201-BC106 Entries 5651532



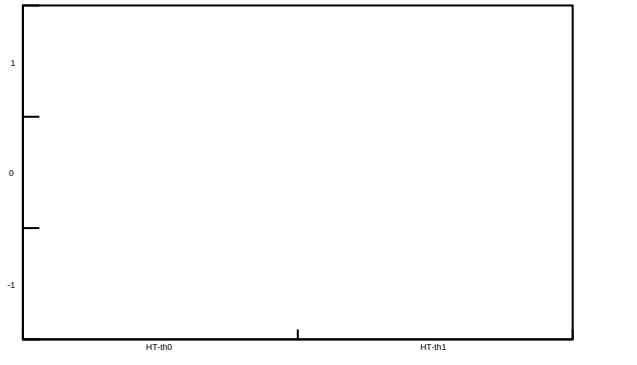
EM201-BC106Diff Entries 744467



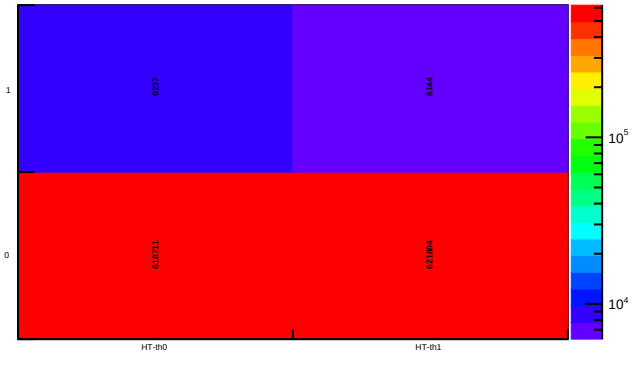
EM201-EE101 Entries 1255896



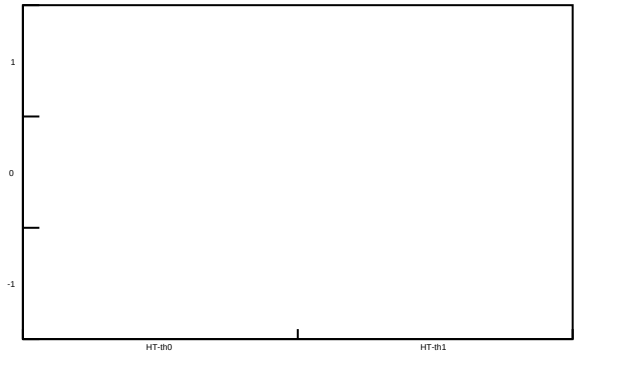
EM201-EE101Diff Entries 0

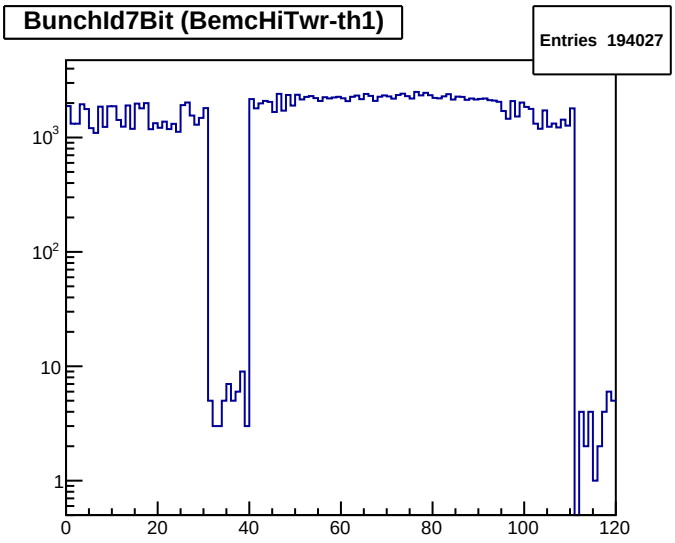


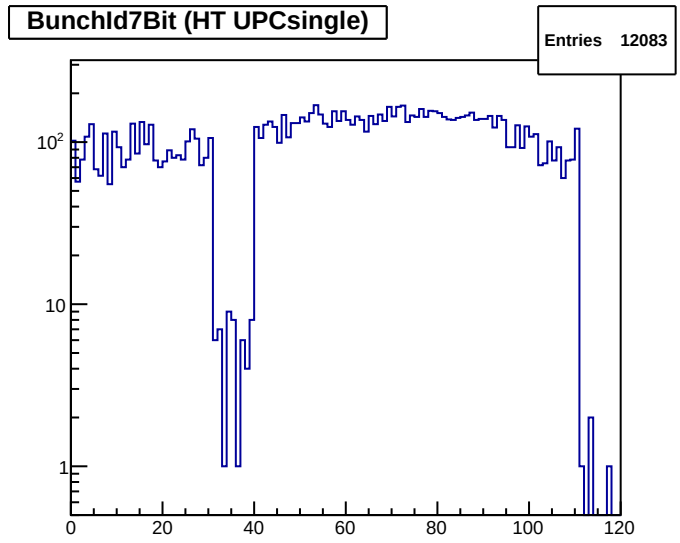
EM201-EE102 Entries 1255896

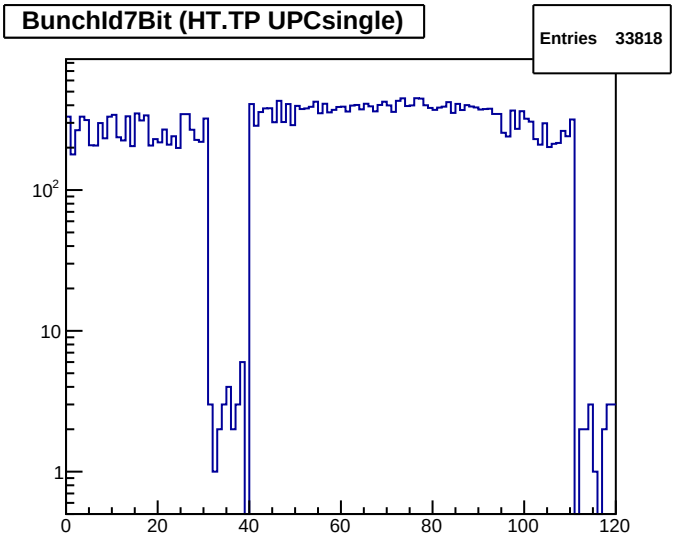


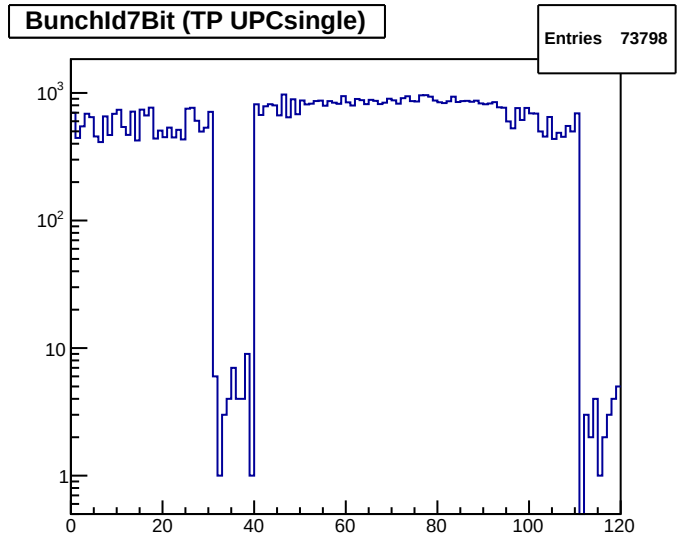
EM201-EE102Diff Entries 0

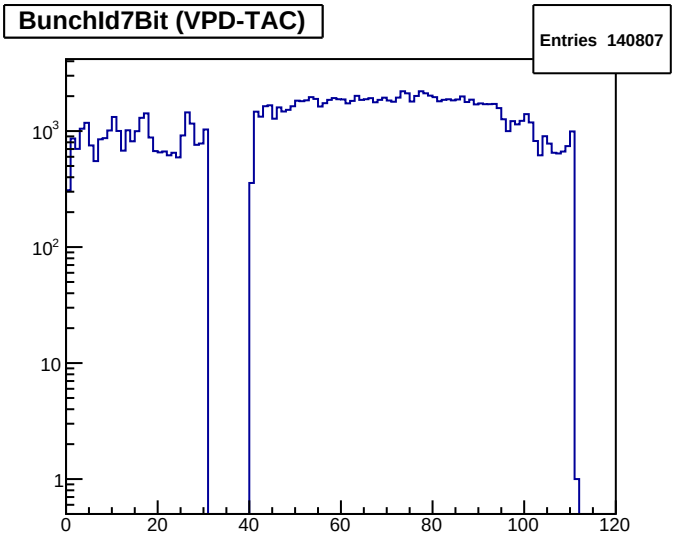


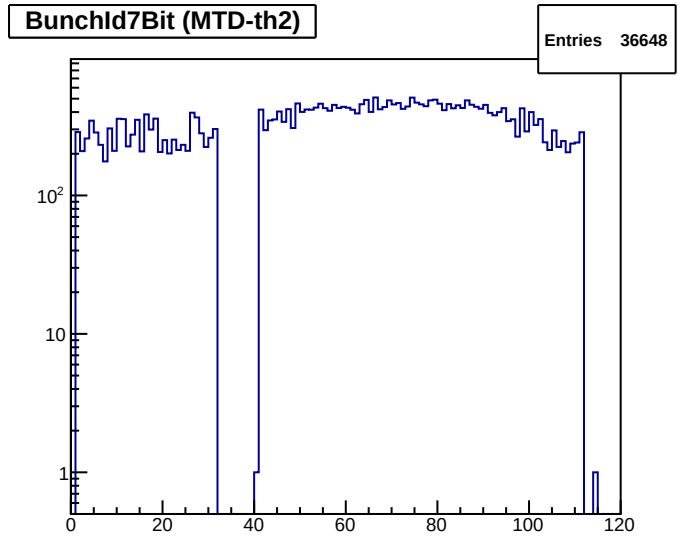

BunchId7Bit (BemcHiTwr-th1)
Entries 194027

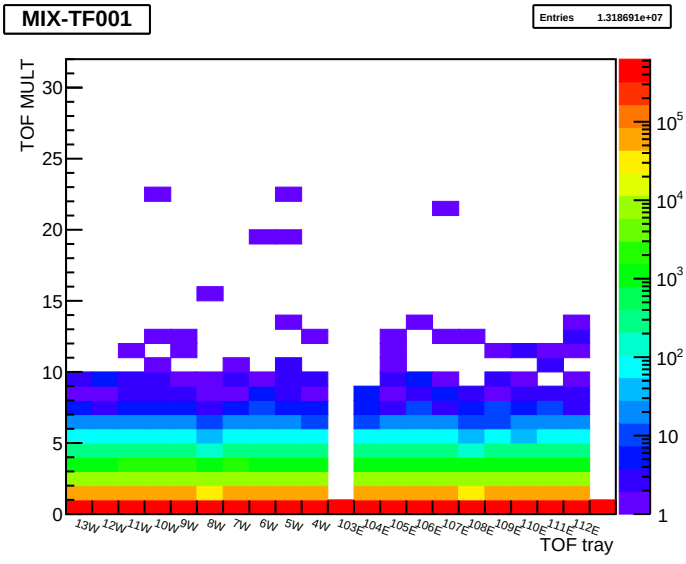

BunchId7Bit (HT UPCsingle)
Entries 12083

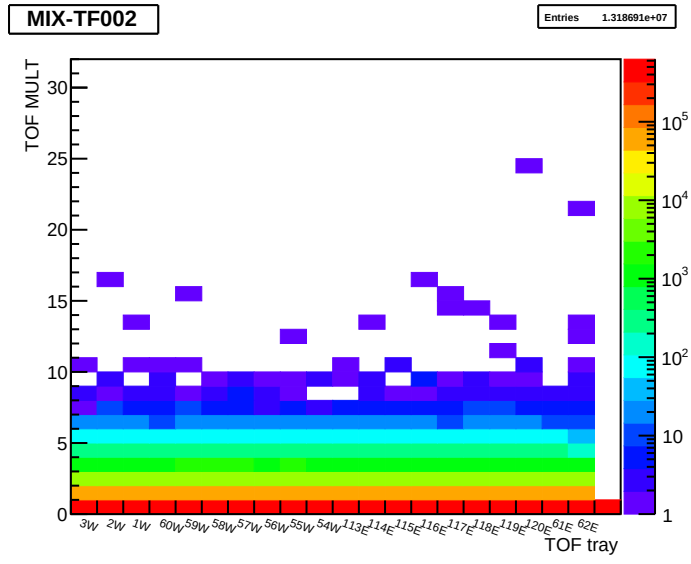

BunchId7Bit (HT.TP UPCsingle)
Entries 33818

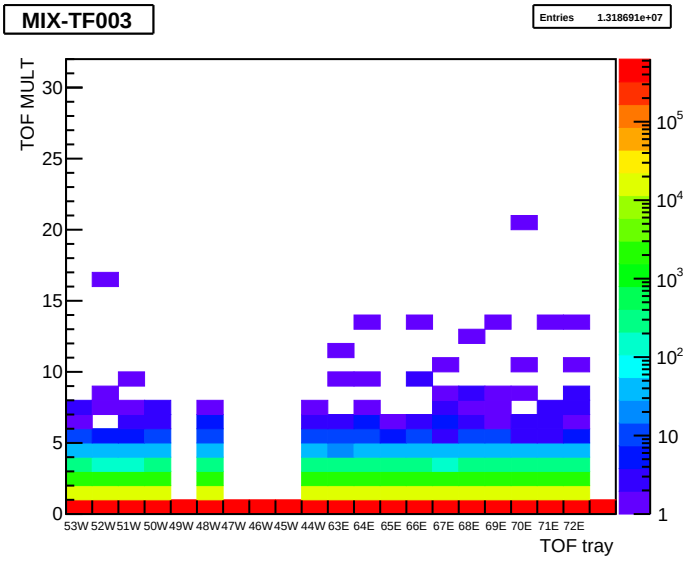

BunchId7Bit (TP UPCsingle)
Entries 73798

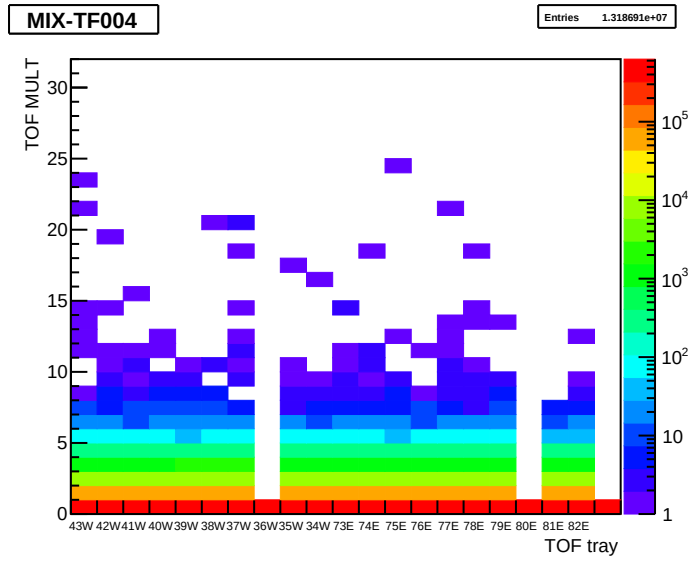

BunchId7Bit (VPD-TAC)
Entries 140807

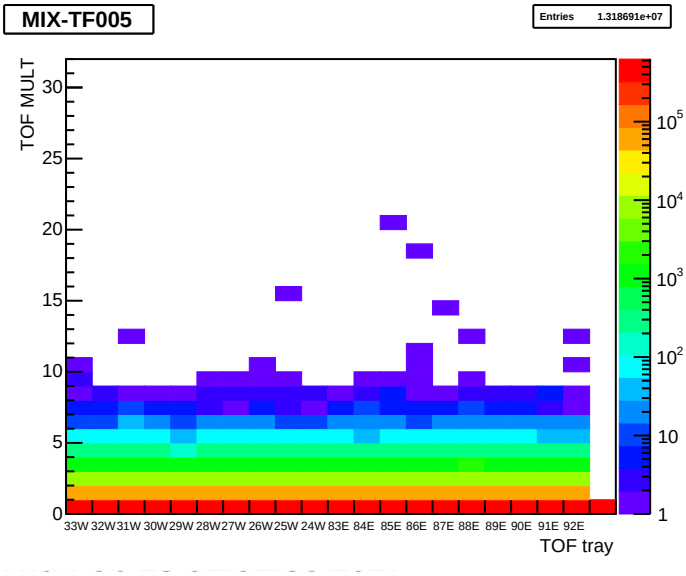

BunchId7Bit (MTD-th2)
Entries 36648

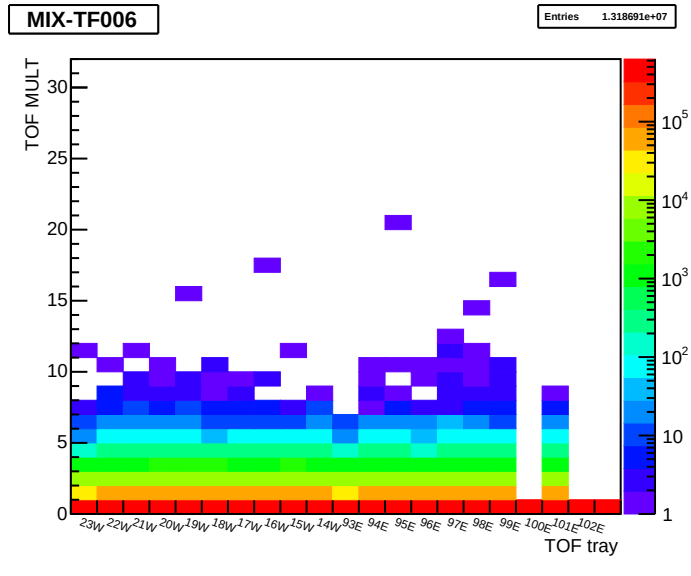

MIX-TF001
Entries 1.318691e+07
TOF MULT
TOF tray

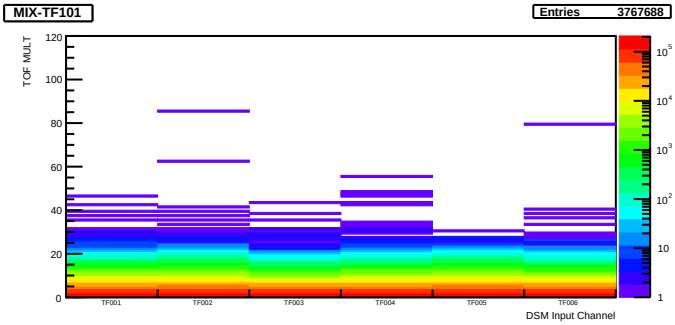

MIX-TF002
Entries 1.318691e+07
TOF MULT
TOF tray

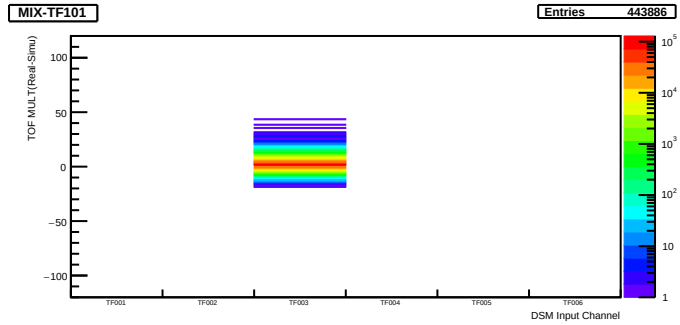

MIX-TF003
Entries 1.318691e+07
TOF MULT
TOF tray

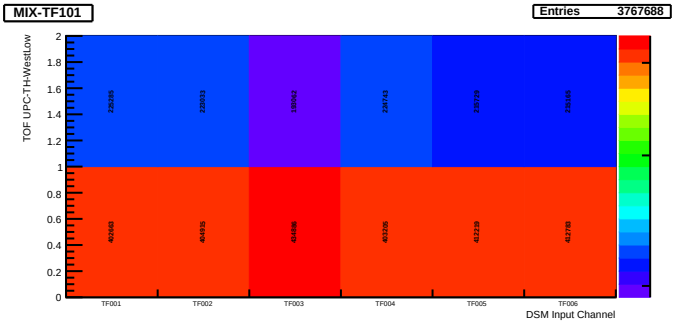

MIX-TF004
Entries 1.318691e+07
TOF MULT
TOF tray

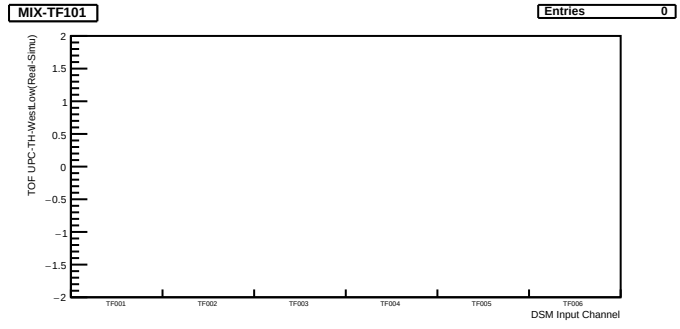

MIX-TF005
Entries 1.318691e+07
TOF MULT
TOF tray

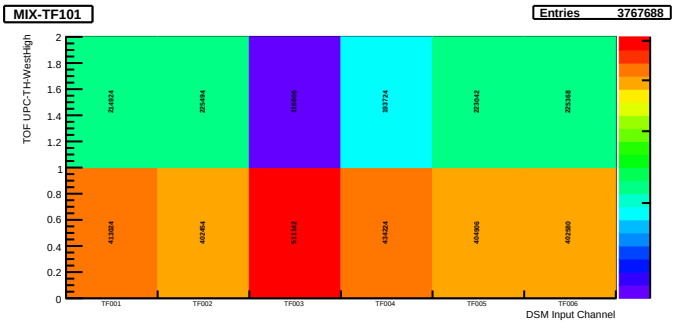

MIX-TF006
Entries 1.318691e+07
TOF MULT
TOF tray

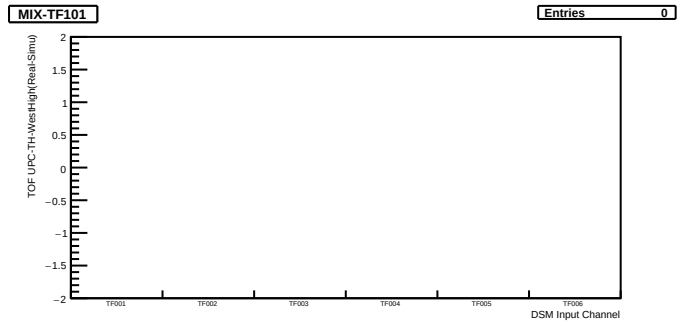

MIX-TF101
Entries 3767688
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

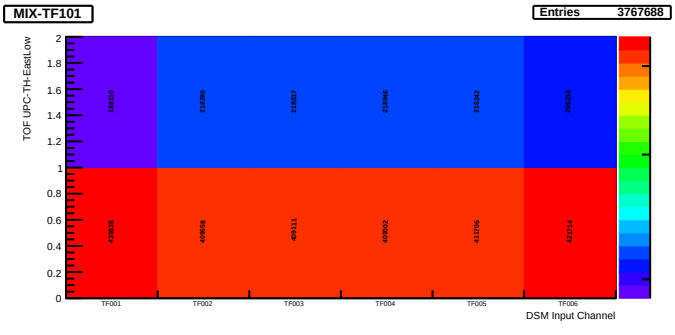

MIX-TF101
Entries 443886
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

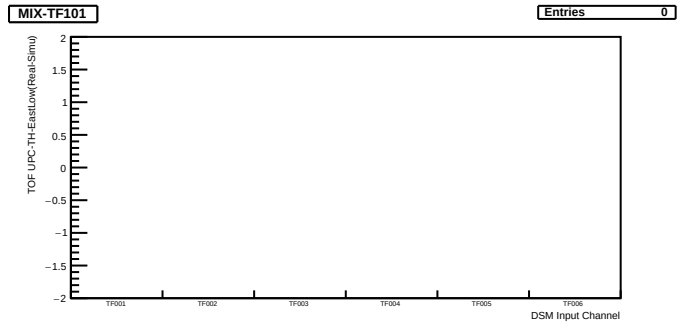

MIX-TF101
Entries 3767688
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

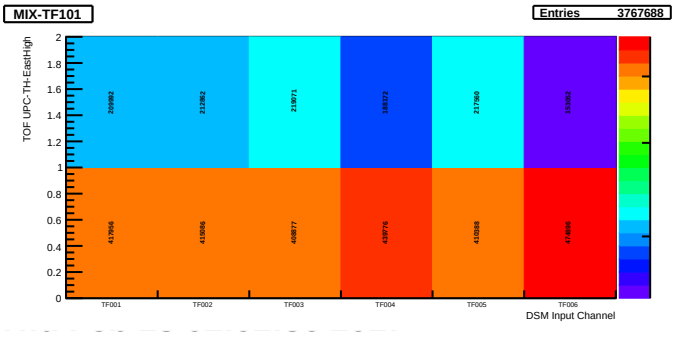

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

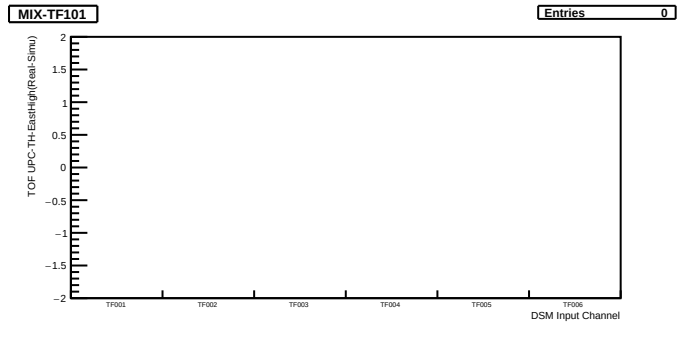

MIX-TF101
Entries 3767688
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

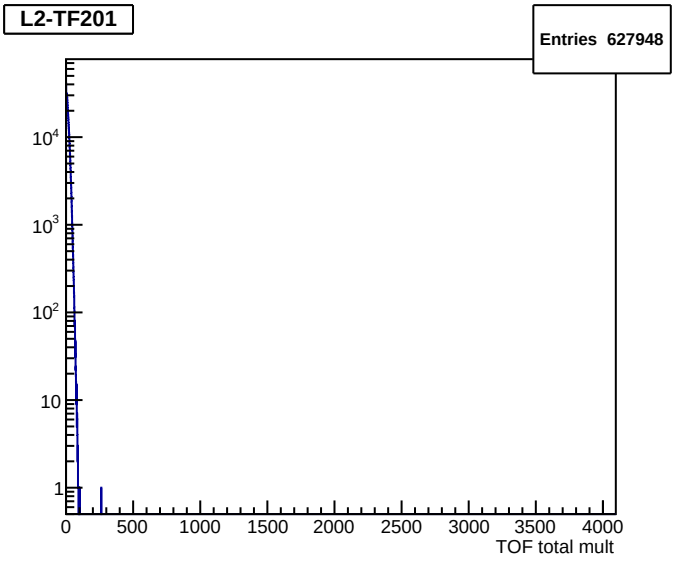

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

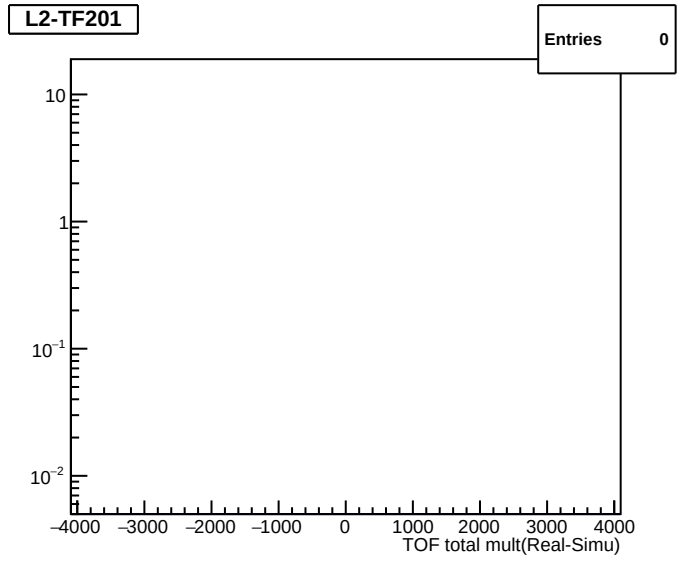

MIX-TF101
Entries 3767688
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

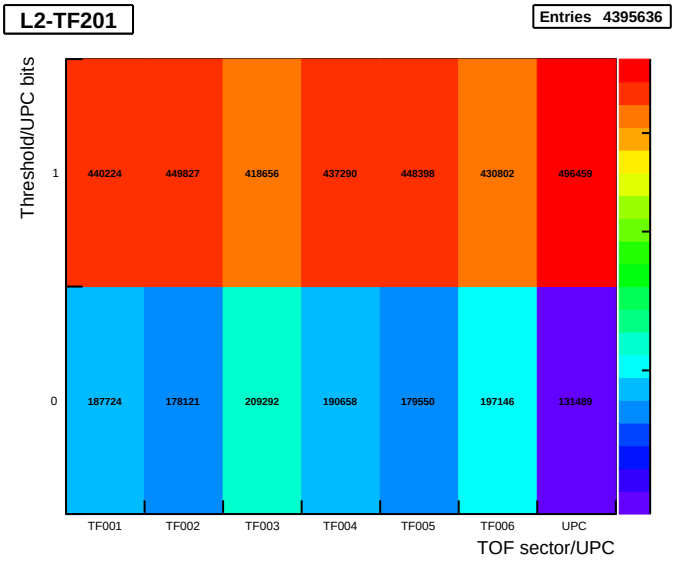

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

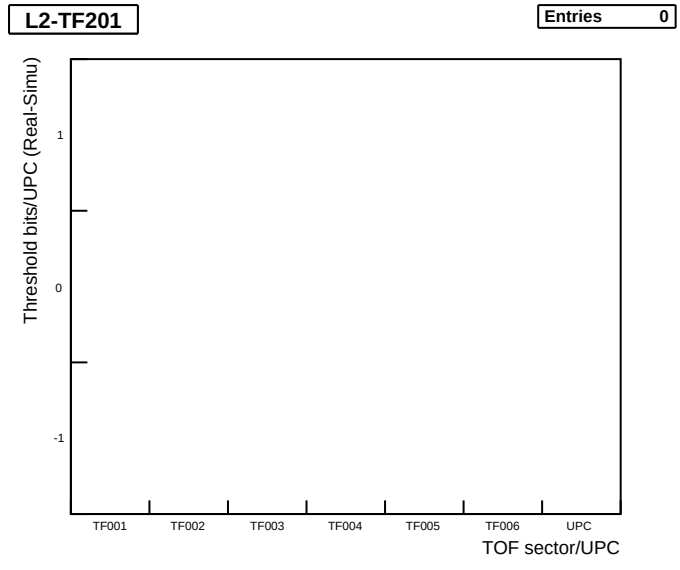

MIX-TF101
Entries 3767688
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

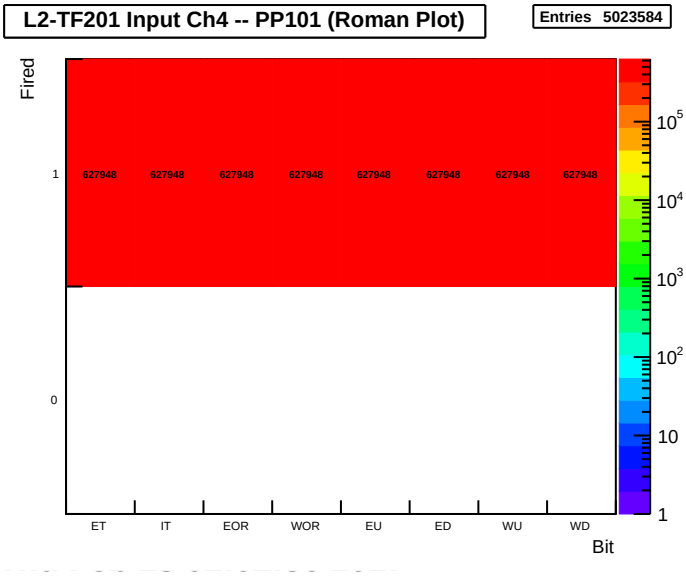

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

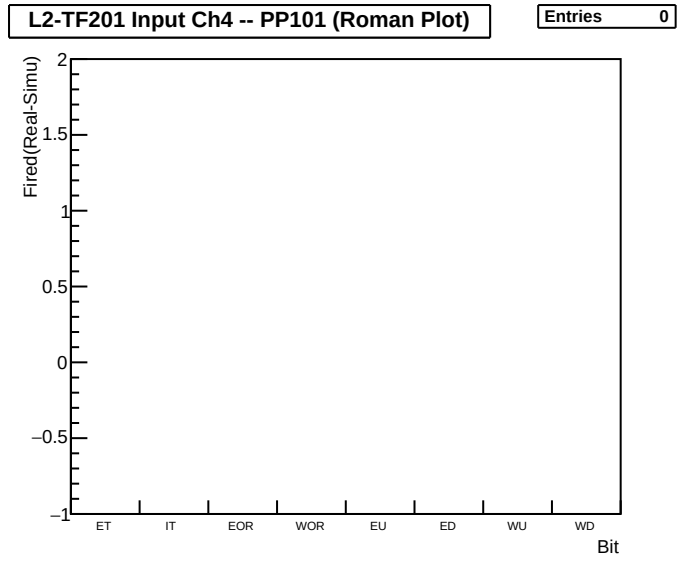

L2-TF201
Entries 627948
TOF total mult

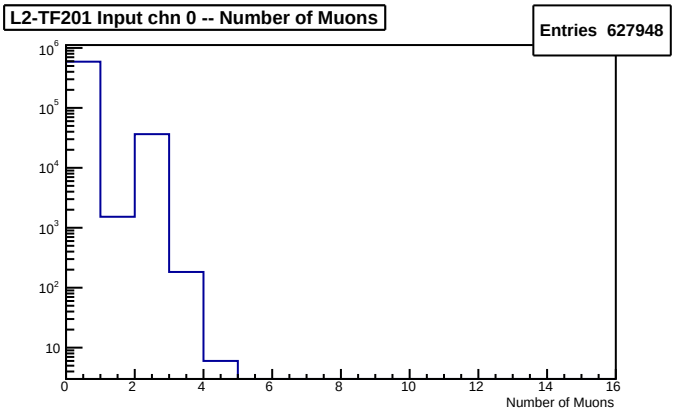

L2-TF201
Entries 0
TOF total mult(Real-Simu)

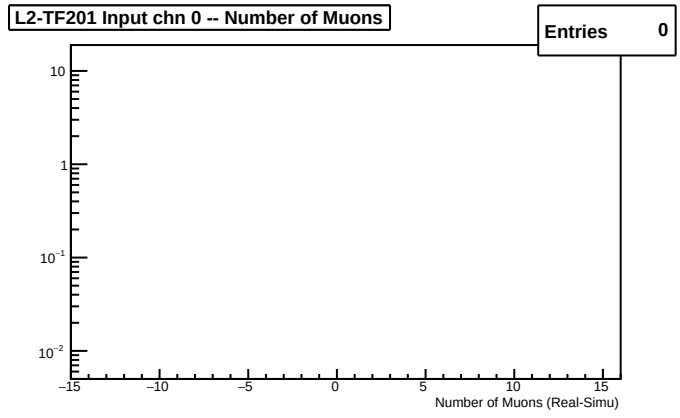

L2-TF201
Entries 4395636
Threshold/UPC bits
440224
449827
418656
437290
448398
430802
496459
187724
178121
209292
190658
179550
197146
131489
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

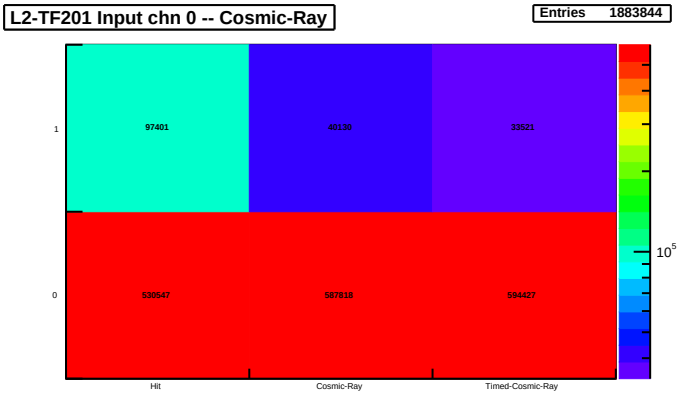

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

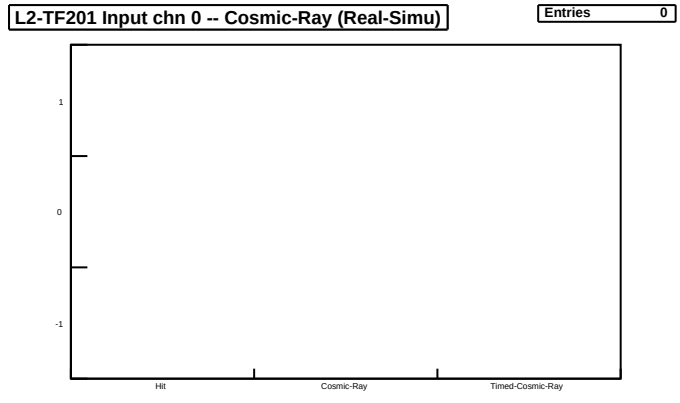

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5023584
Fired
627948
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

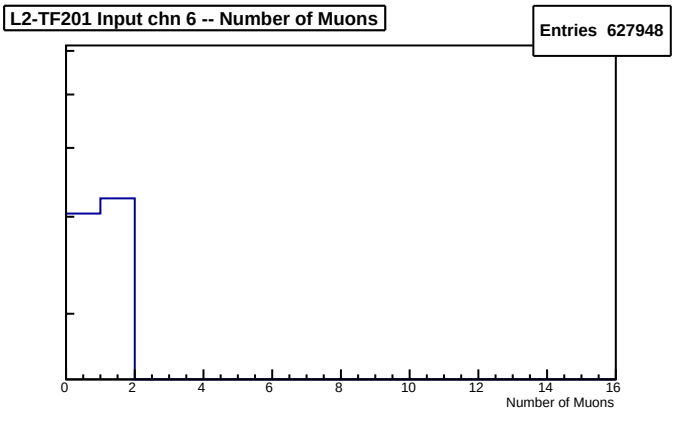

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

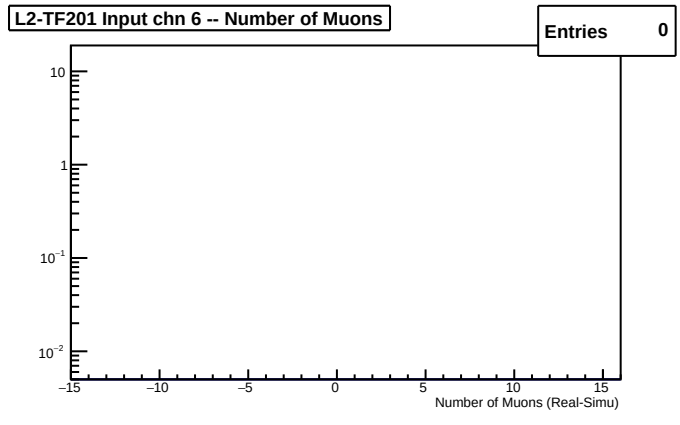

L2-TF201 Input chn 0 -- Number of Muons
Entries 627948
Number of Muons

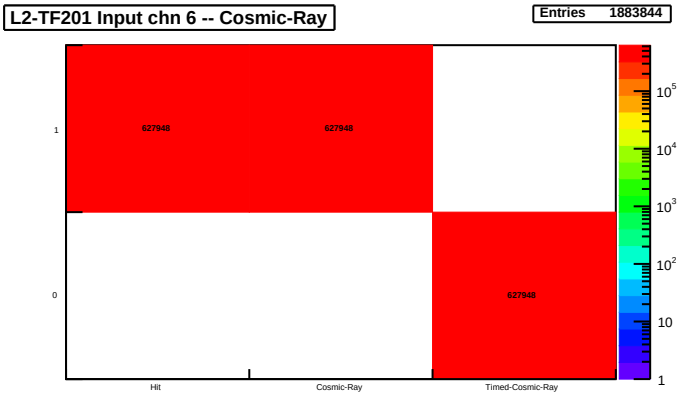

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

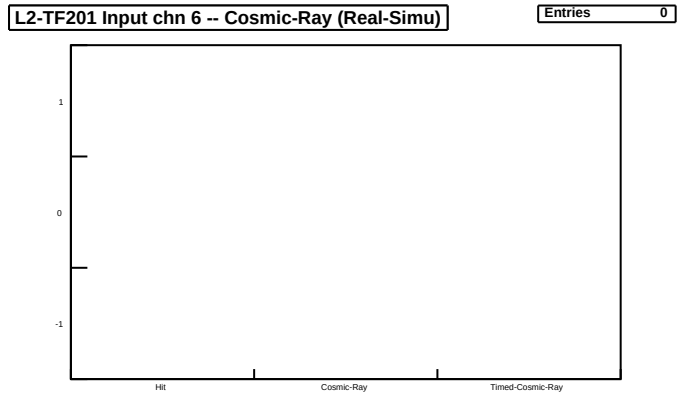

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1883844
97401
40130
33521
530547
587818
594427
Hit
Cosmic-Ray
Timed-Cosmic-Ray

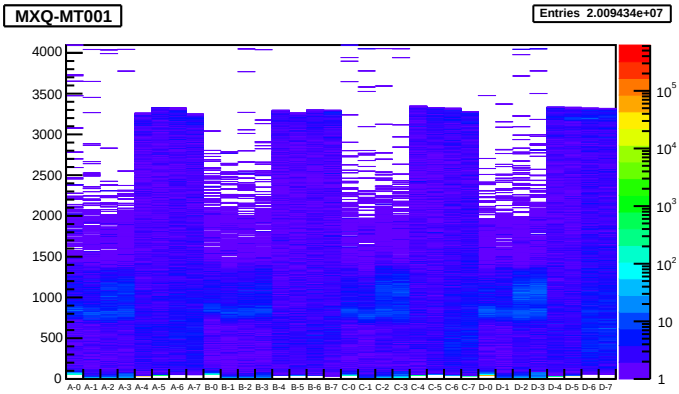

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

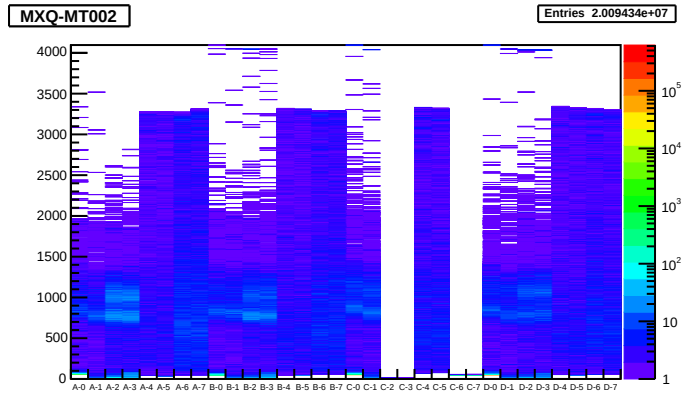

L2-TF201 Input chn 6 -- Number of Muons
Entries 627948
Number of Muons

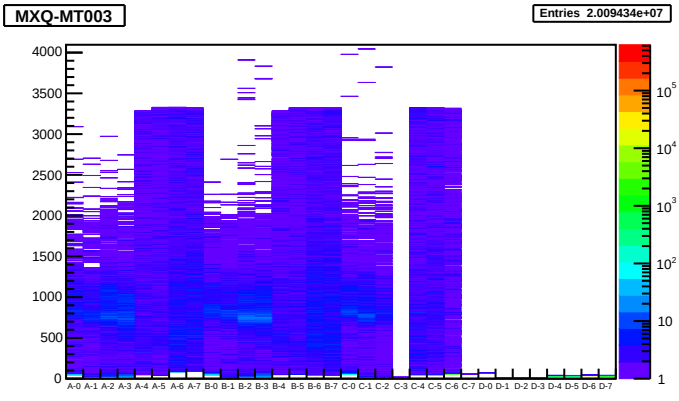

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

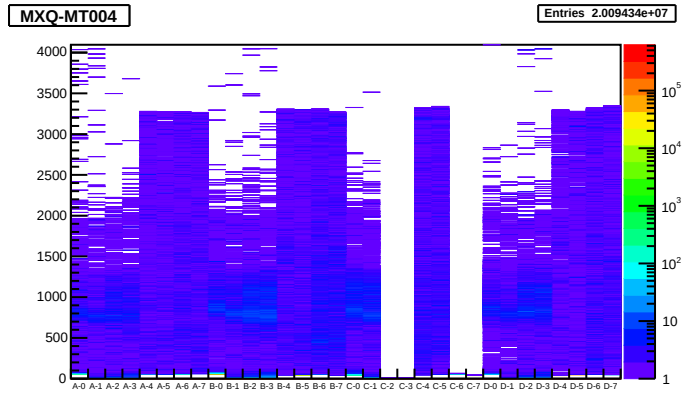

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1883844
627948
627948
627948
Hit
Cosmic-Ray
Timed-Cosmic-Ray

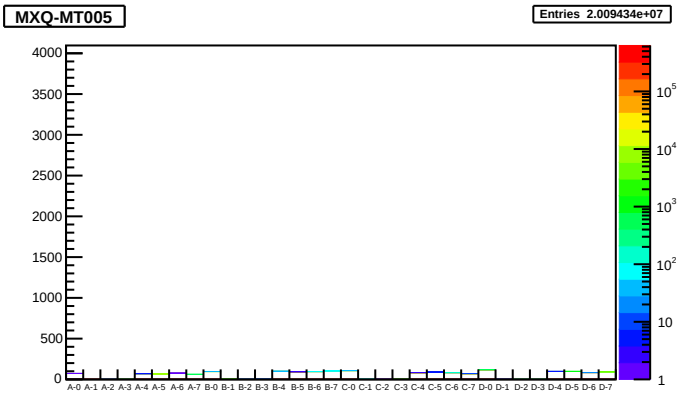

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

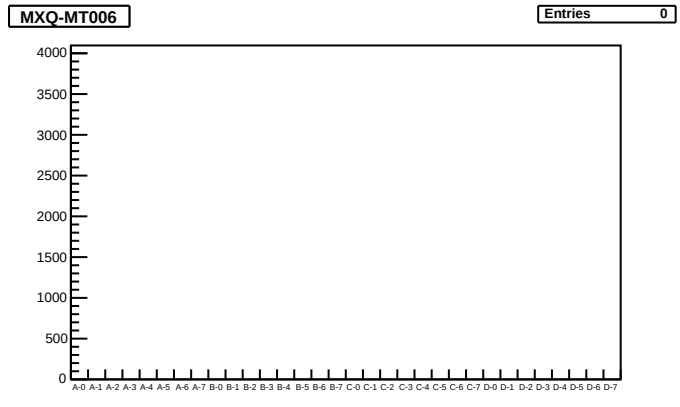

MXQ-MT001
Entries 2.009434e+07

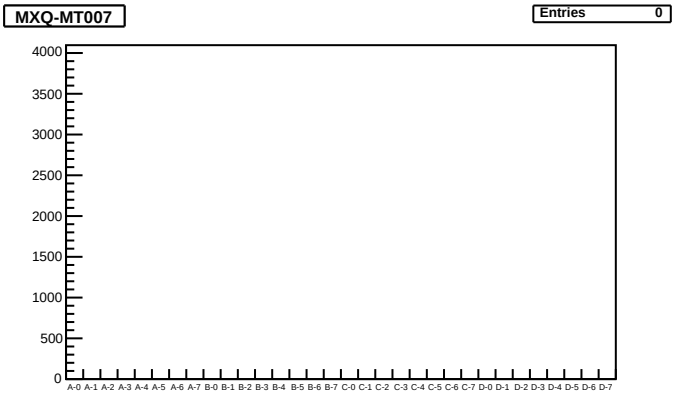

MXQ-MT002
Entries 2.009434e+07

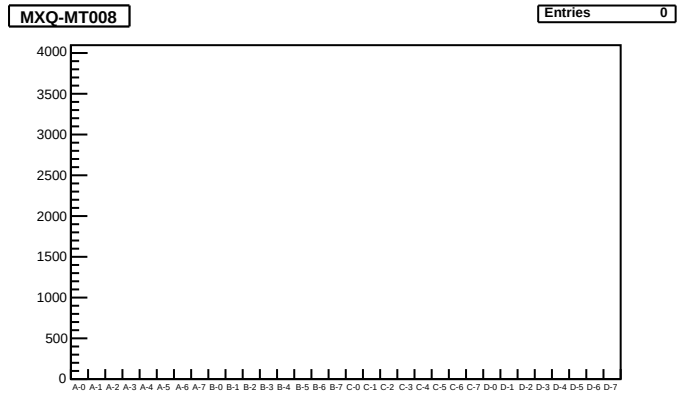

MXQ-MT003
Entries 2.009434e+07

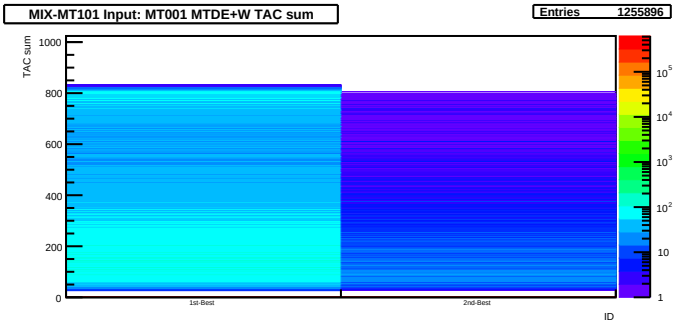

MXQ-MT004
Entries 2.009434e+07

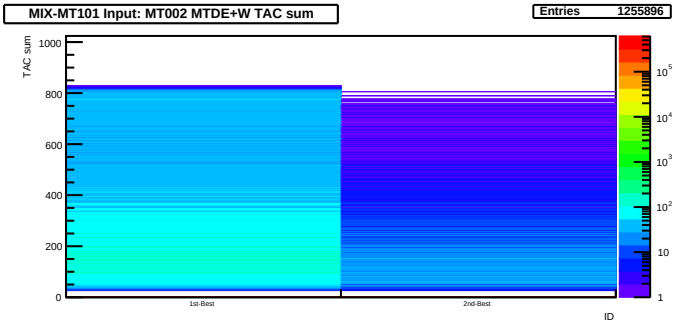

MXQ-MT005
Entries 2.009434e+07

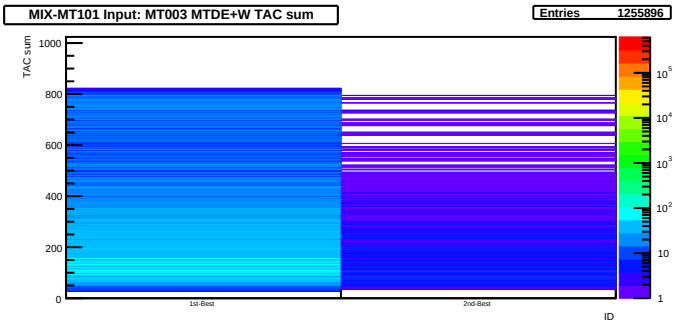

MXQ-MT006
Entries 0

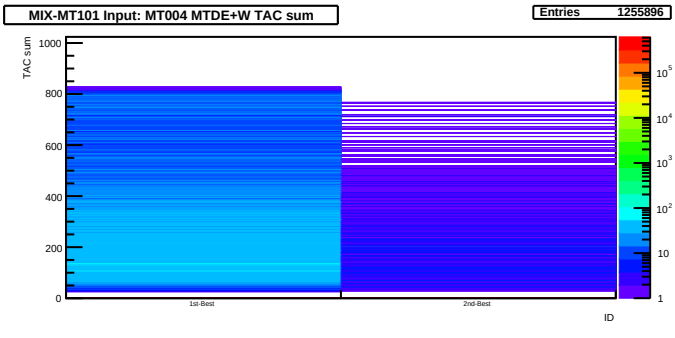

MXQ-MT007
Entries 0

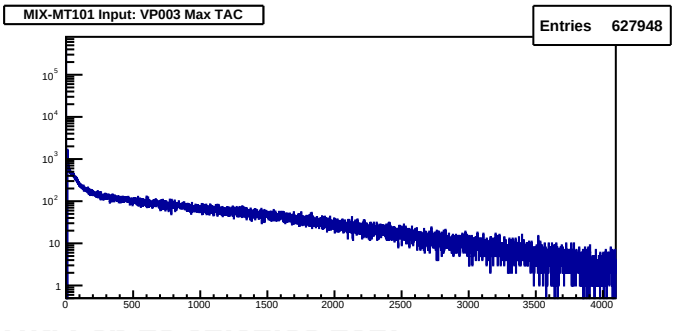

MXQ-MT008
Entries 0

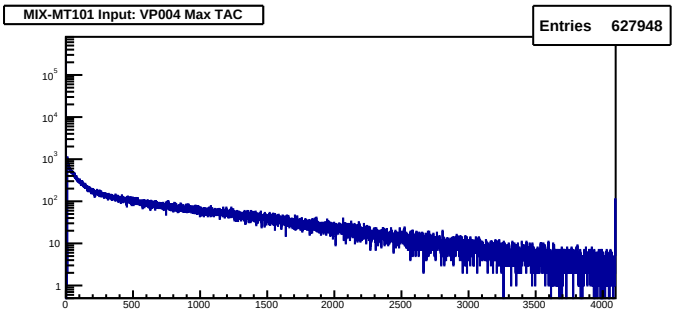

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1255896
TAC sum
1st-Best
2nd-Best
ID

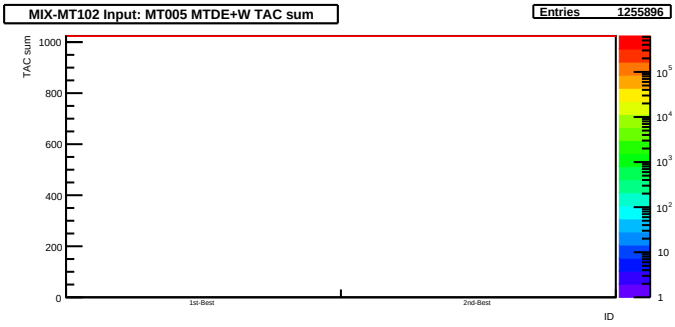

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1255896
TAC sum
1st-Best
2nd-Best
ID

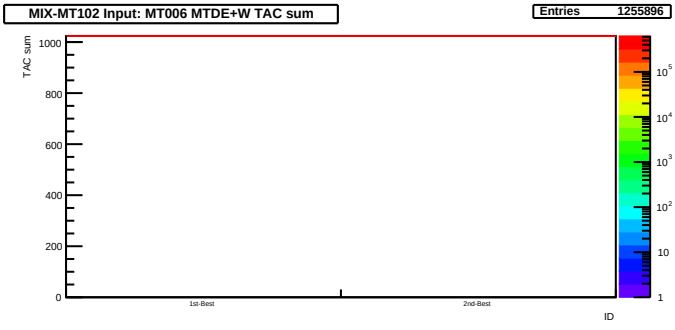

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1255896
TAC sum
1st-Best
2nd-Best
ID

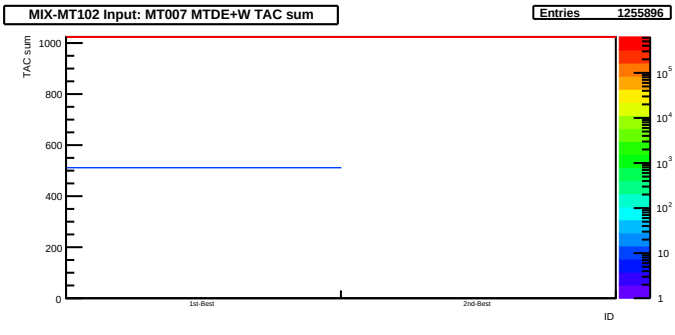

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1255896
TAC sum
1st-Best
2nd-Best
ID

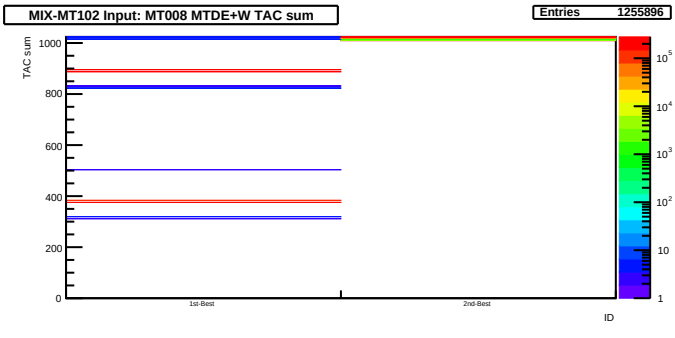

MIX-MT101 Input: VP003 Max TAC
Entries 627948

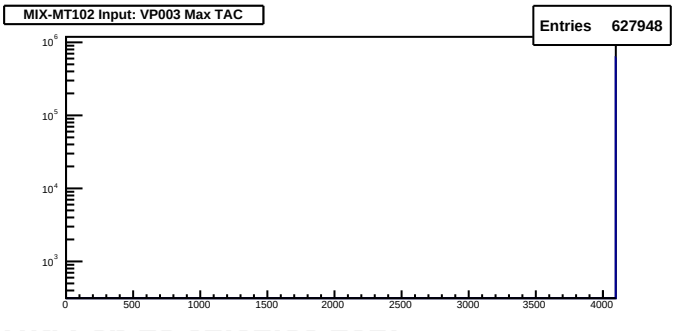

MIX-MT101 Input: VP004 Max TAC
Entries 627948

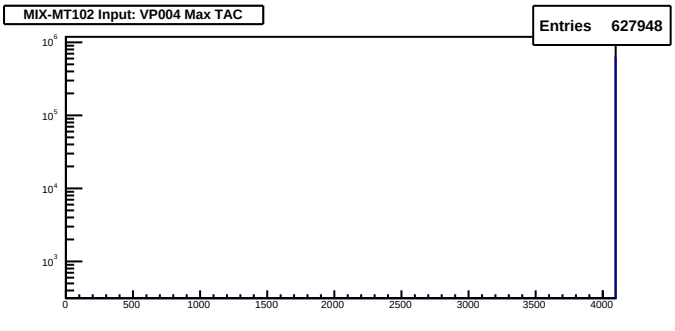

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1255896
TAC sum
1st-Best
2nd-Best
ID

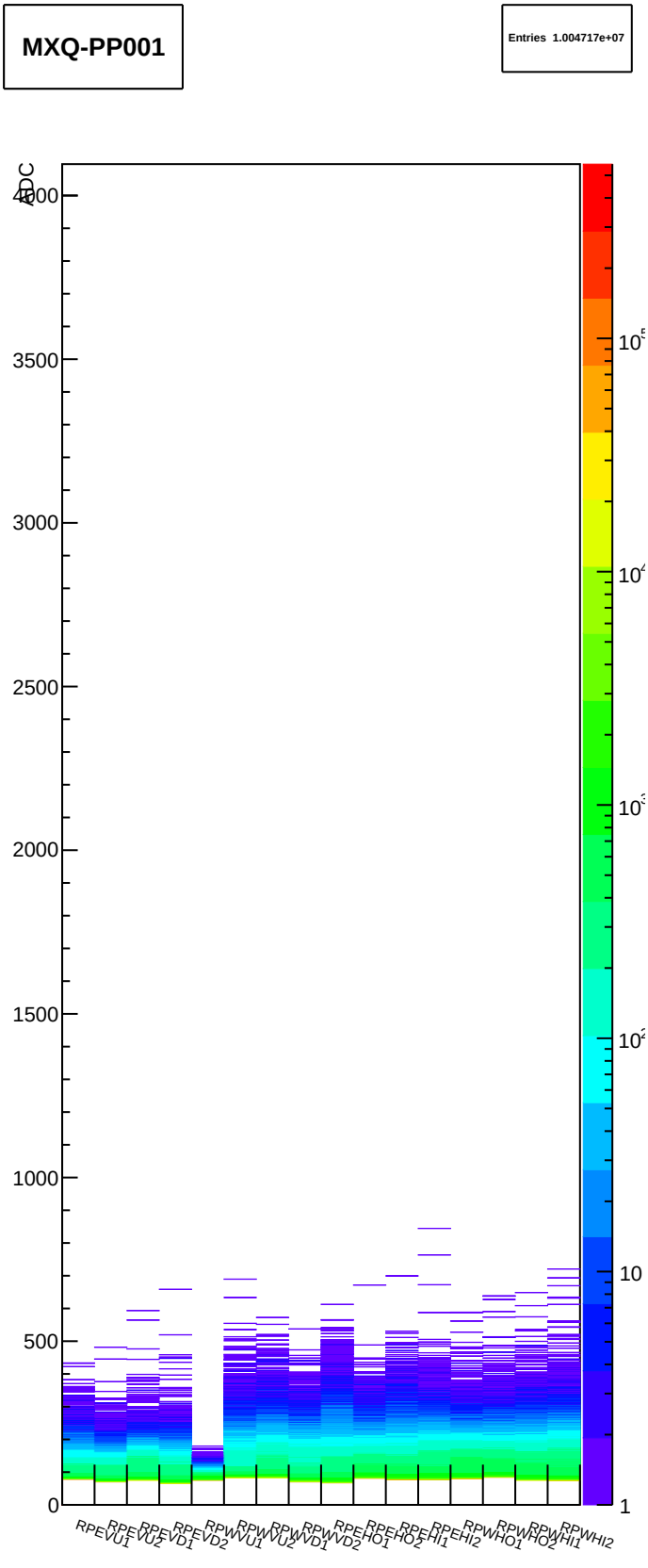

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1255896
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1255896
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1255896
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 627948


MIX-MT102 Input: VP004 Max TAC
Entries 627948


MXQ-PP001
Entries 1.004717e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
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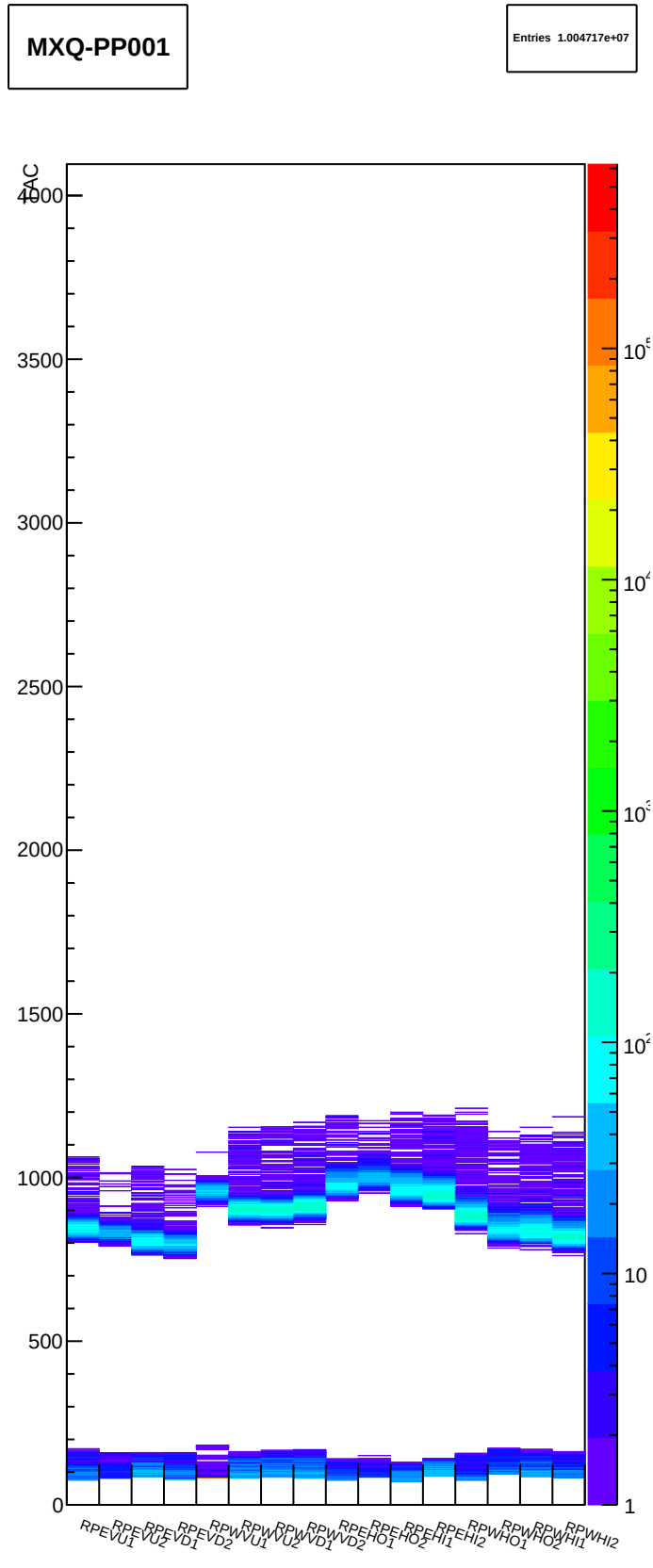
RPWHO2
RPWHI1
RPWHI2
10
1


MXQ-PP001
Entries 1.004717e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
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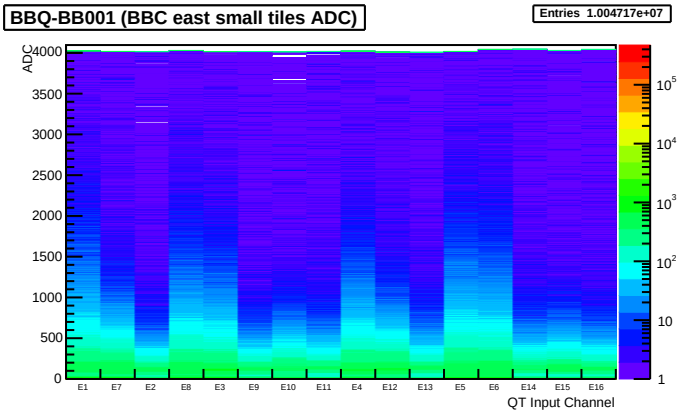
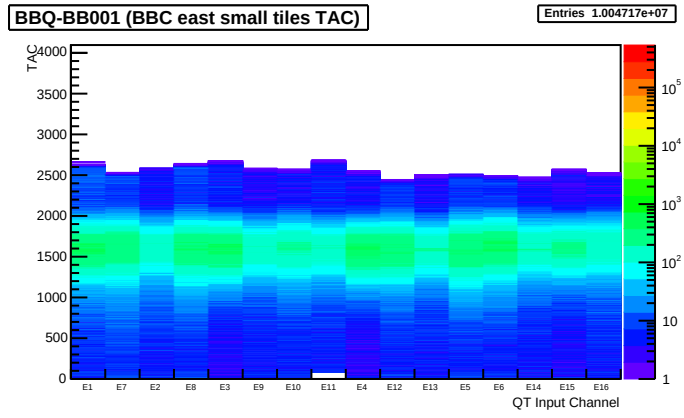
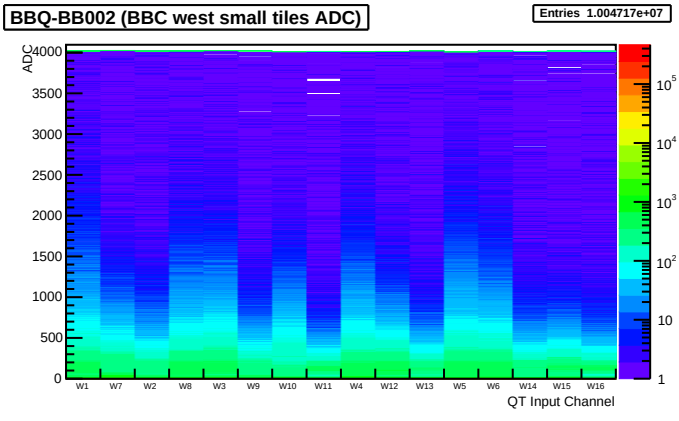
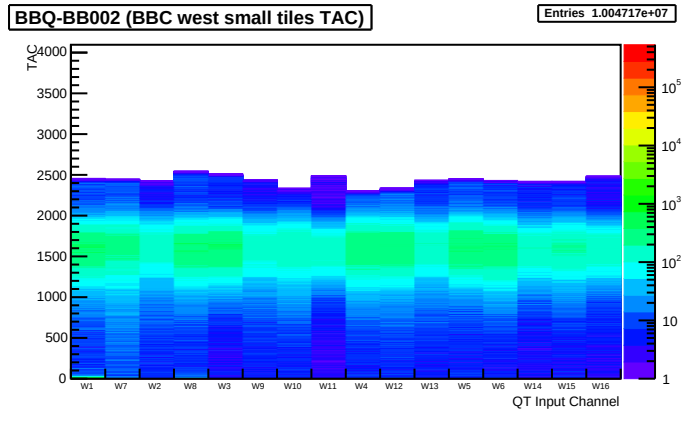
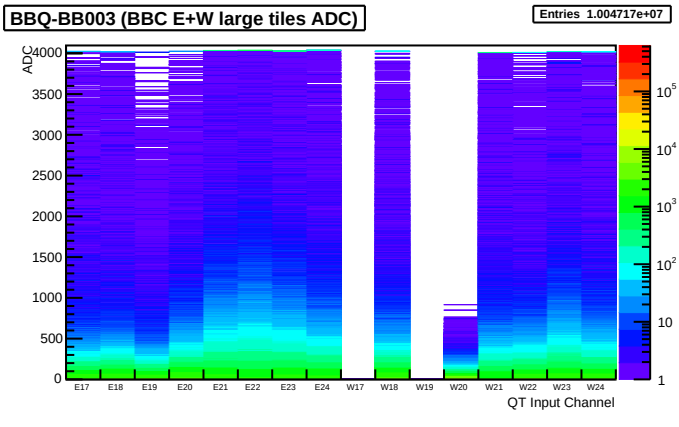
RPWHO2
RPWHI1
RPWHI2
10
1

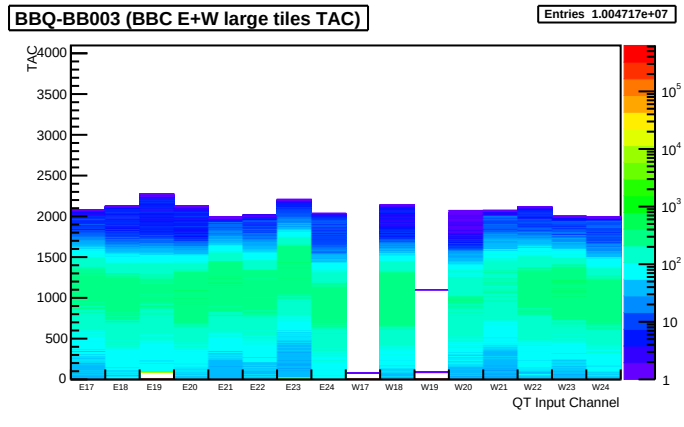

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.004717e+07
ADC
QT Input Channel

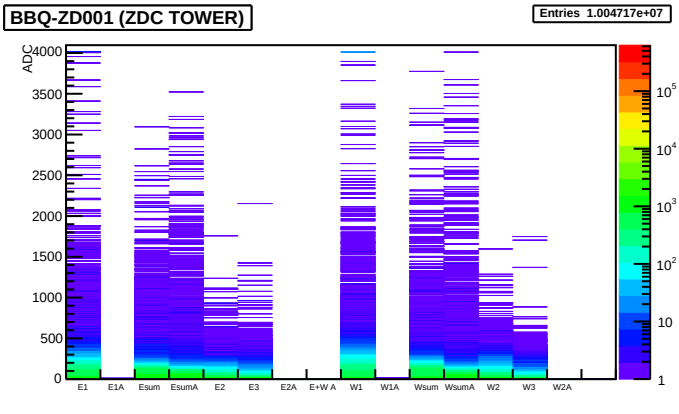

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.004717e+07
TAC
QT Input Channel

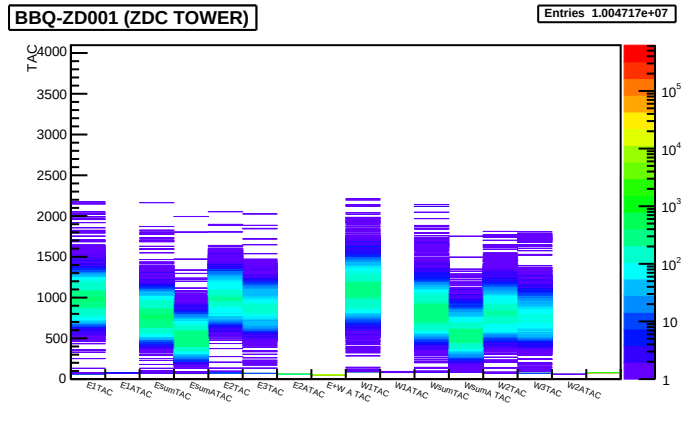

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.004717e+07
ADC
QT Input Channel

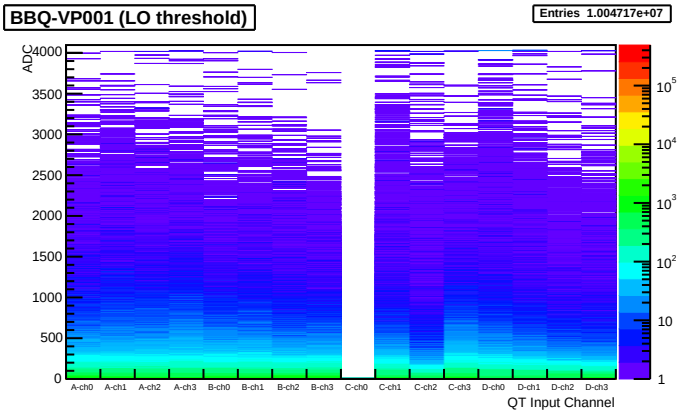

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.004717e+07
TAC
QT Input Channel

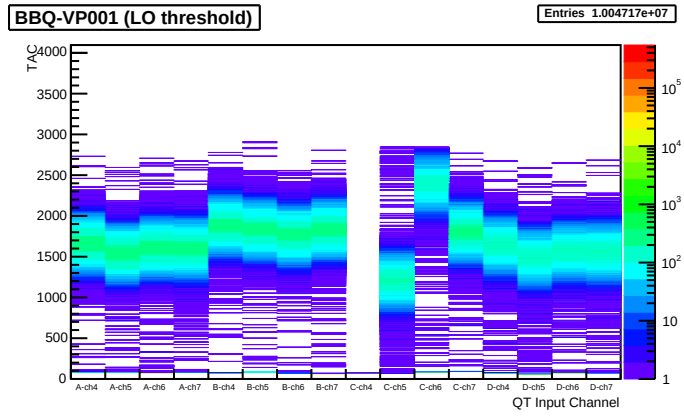

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.004717e+07
ADC
QT Input Channel

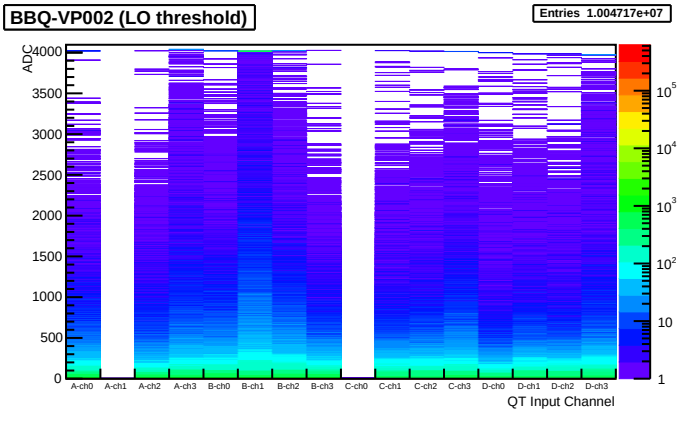

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.004717e+07
TAC
QT Input Channel

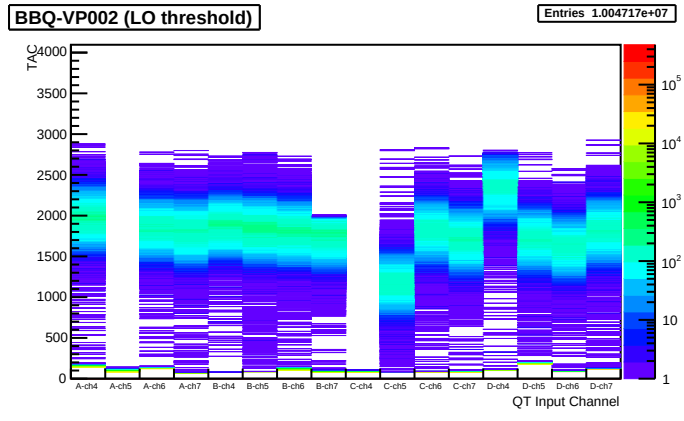

BBQ-ZD001 (ZDC TOWER)
Entries 1.004717e+07
ADC

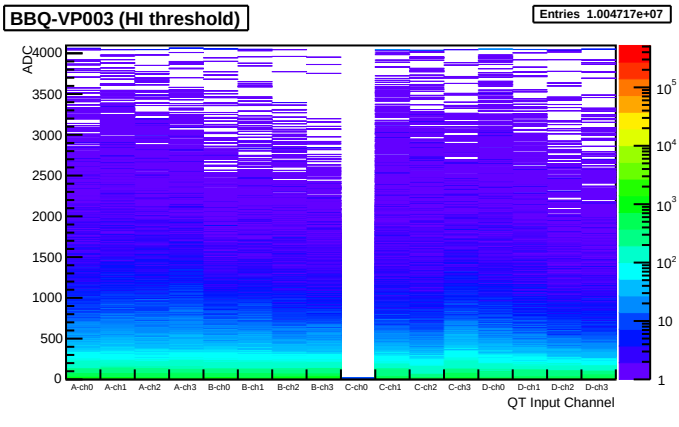

BBQ-ZD001 (ZDC TOWER)
Entries 1.004717e+07
TAC

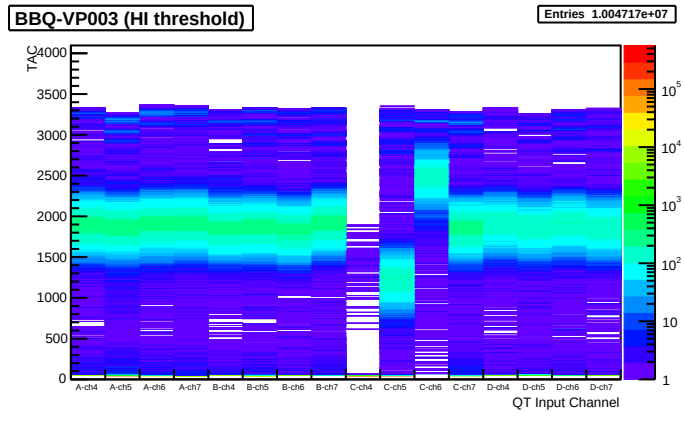

BBQ-VP001 (LO threshold)
Entries 1.004717e+07
ADC
QT Input Channel

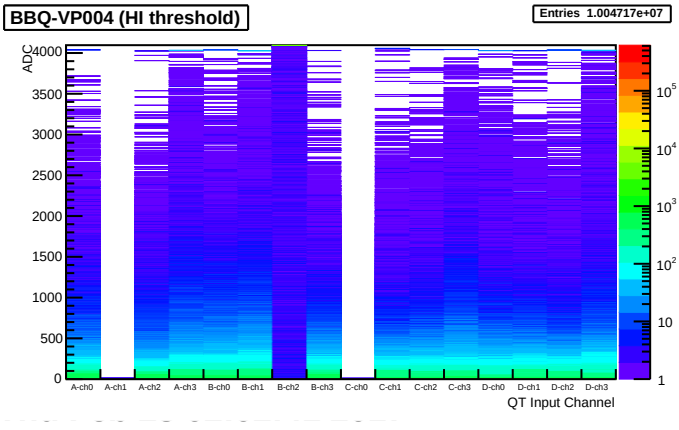

BBQ-VP001 (LO threshold)
Entries 1.004717e+07
TAC
QT Input Channel

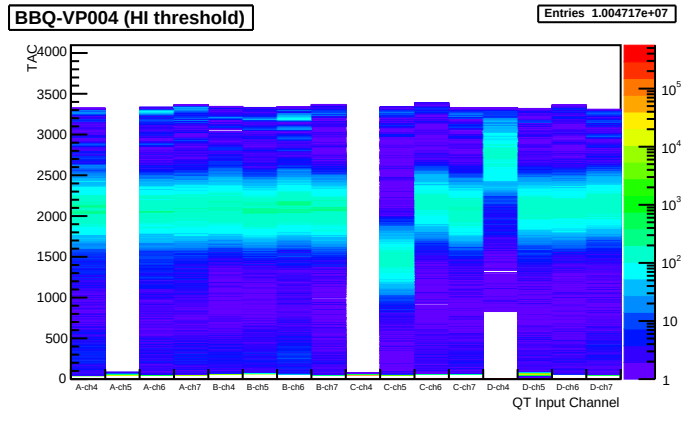

BBQ-VP002 (LO threshold)
Entries 1.004717e+07
ADC
QT Input Channel

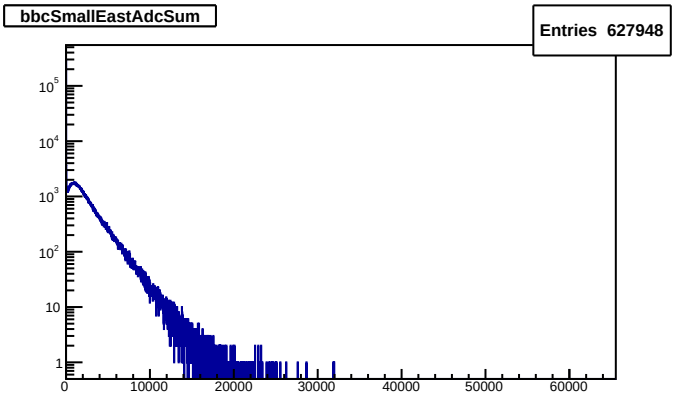

BBQ-VP002 (LO threshold)
Entries 1.004717e+07
TAC
QT Input Channel

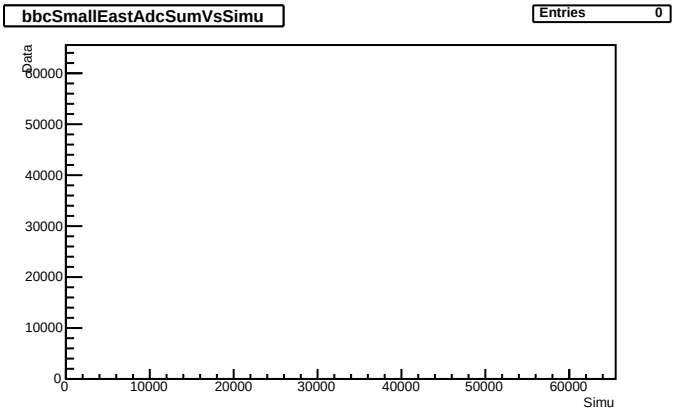

BBQ-VP003 (HI threshold)
Entries 1.004717e+07
ADC
QT Input Channel

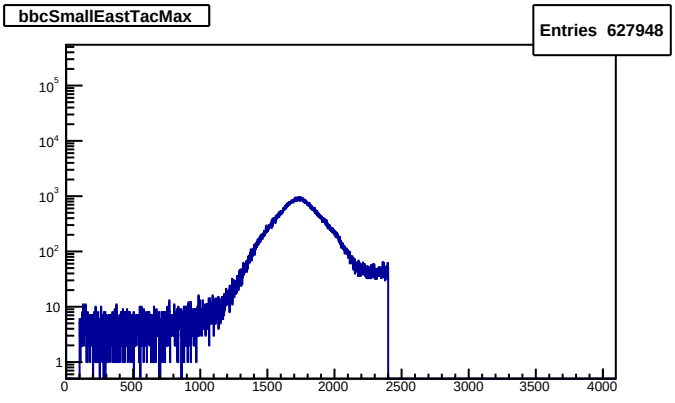

BBQ-VP003 (HI threshold)
Entries 1.004717e+07
TAC
QT Input Channel

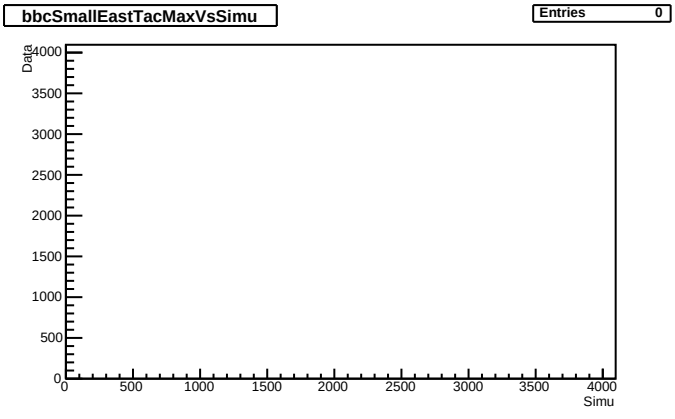

BBQ-VP004 (HI threshold)
Entries 1.004717e+07
ADC
QT Input Channel

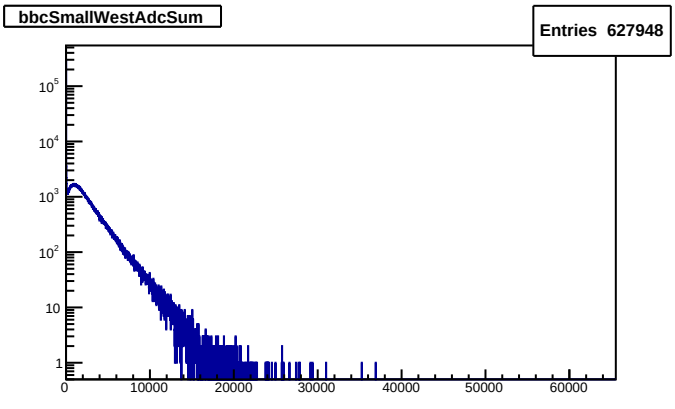

BBQ-VP004 (HI threshold)
Entries 1.004717e+07
TAC
QT Input Channel

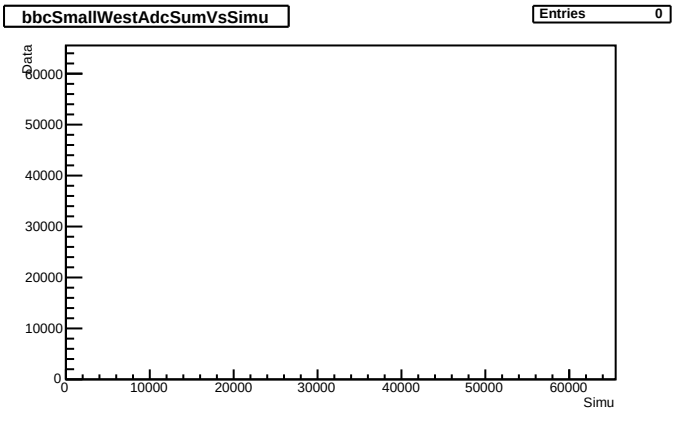

bbcSmallEastAdcSum
Entries 627948

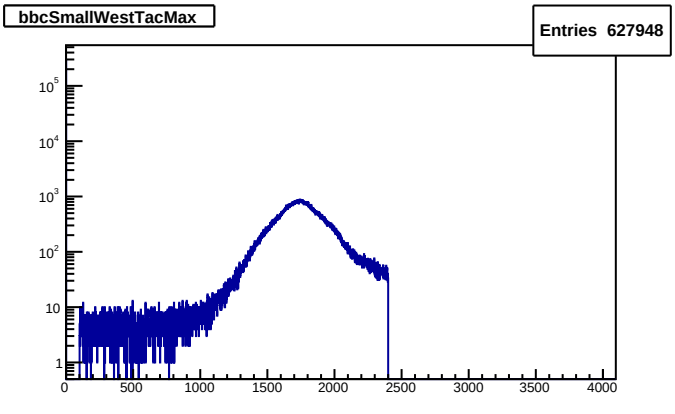

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

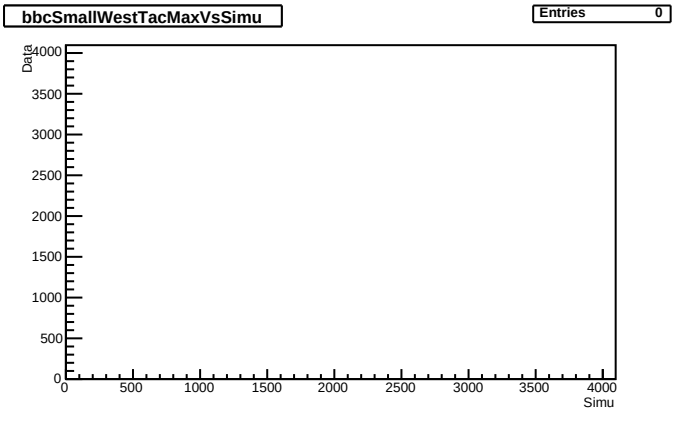

bbcSmallEastTacMax
Entries 627948

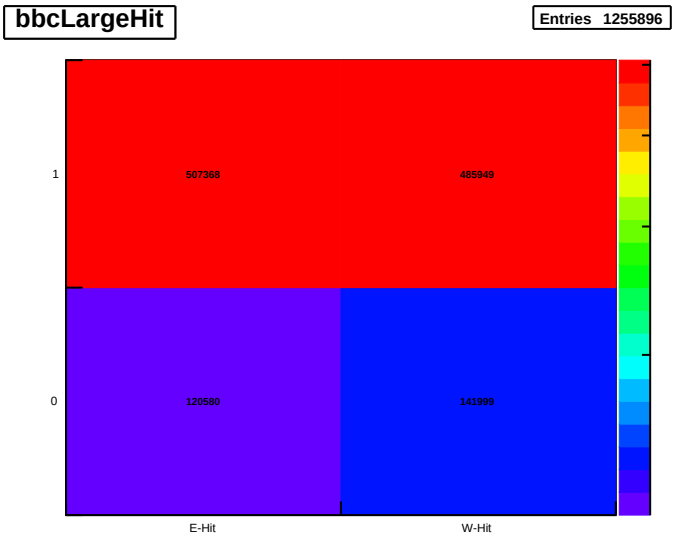

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

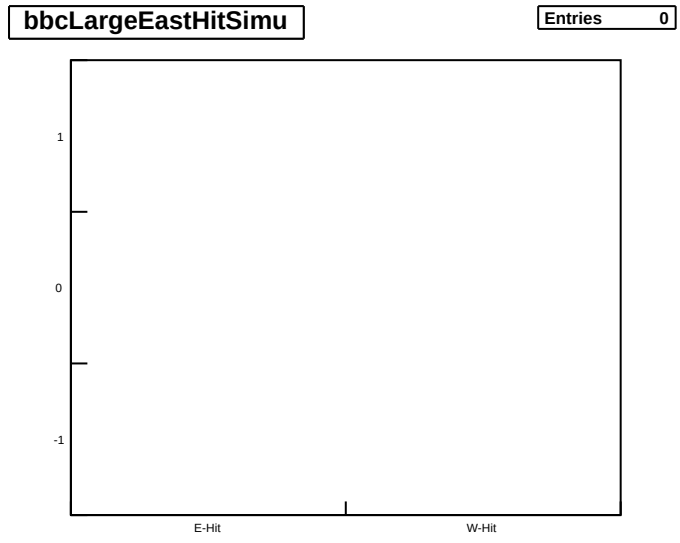

bbcSmallWestAdcSum
Entries 627948

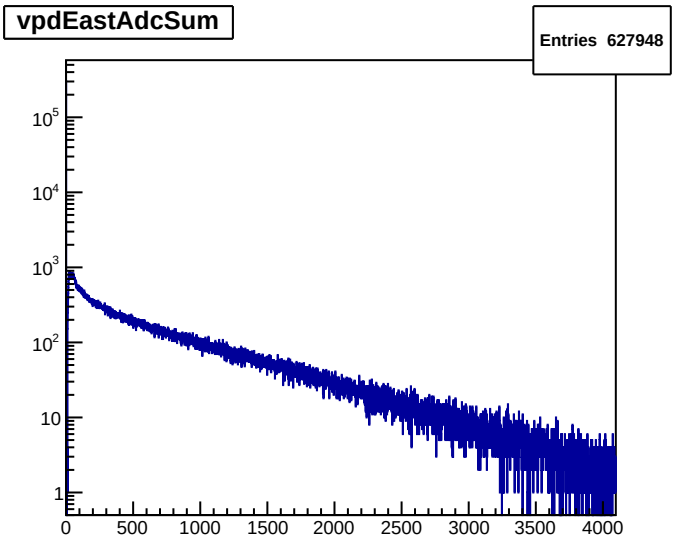

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

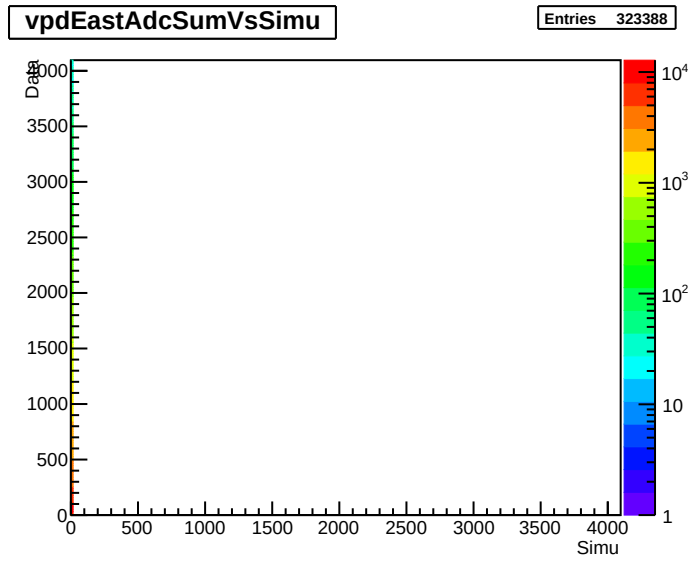

bbcSmallWestTacMax
Entries 627948

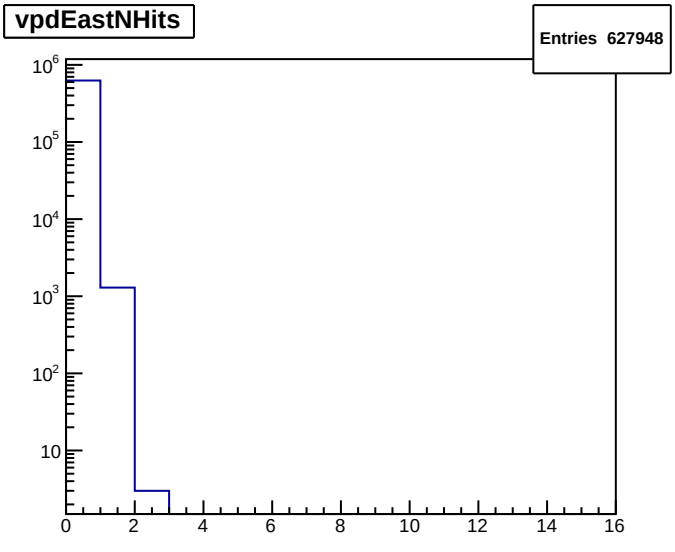

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

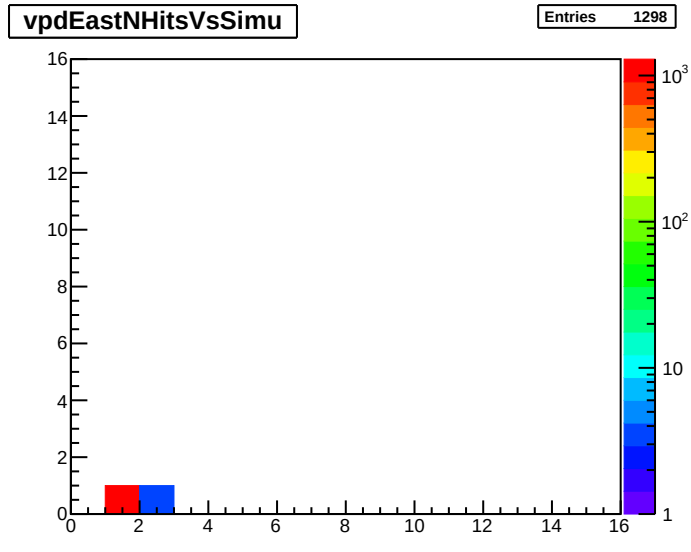

bbcLargeHit
Entries 1255896
1
0
507368
485949
120580
141999
E-Hit
W-Hit

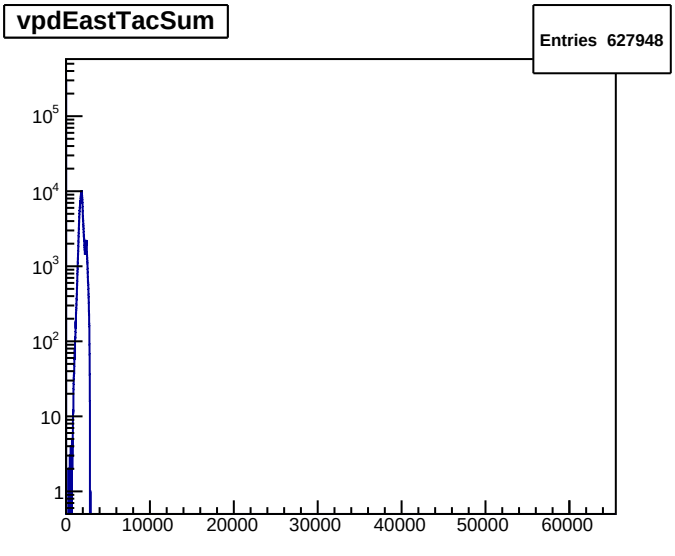

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

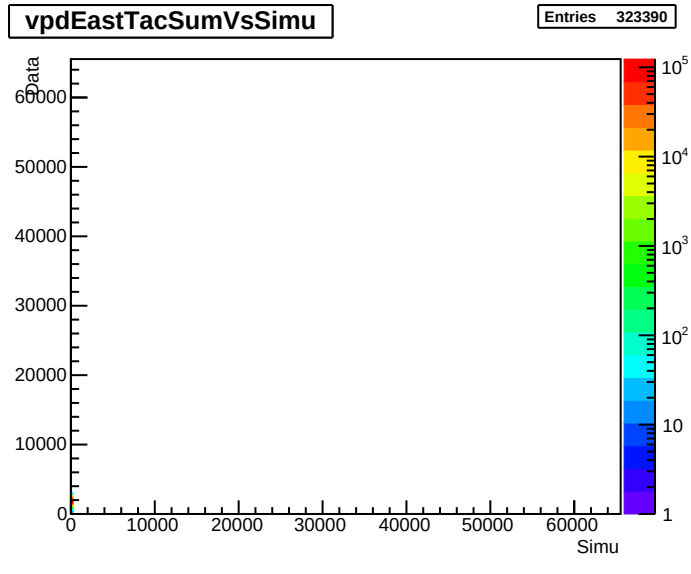

vpdEastAdcSum
Entries 627948

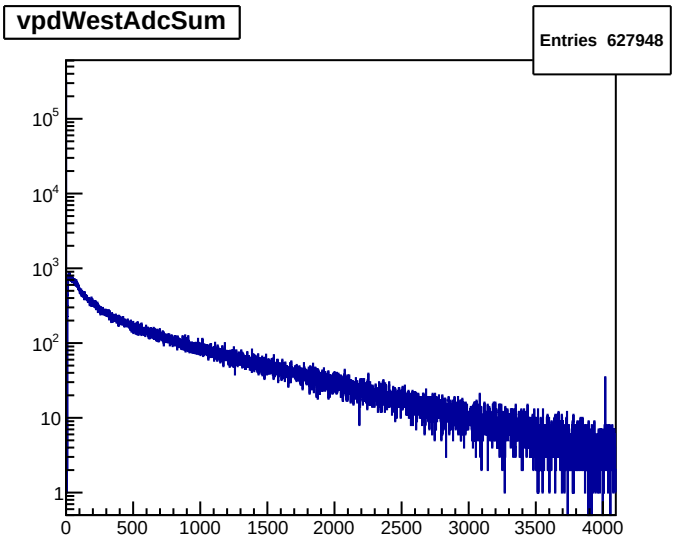

vpdEastAdcSumVsSimu
Entries 323388
Data
Simu

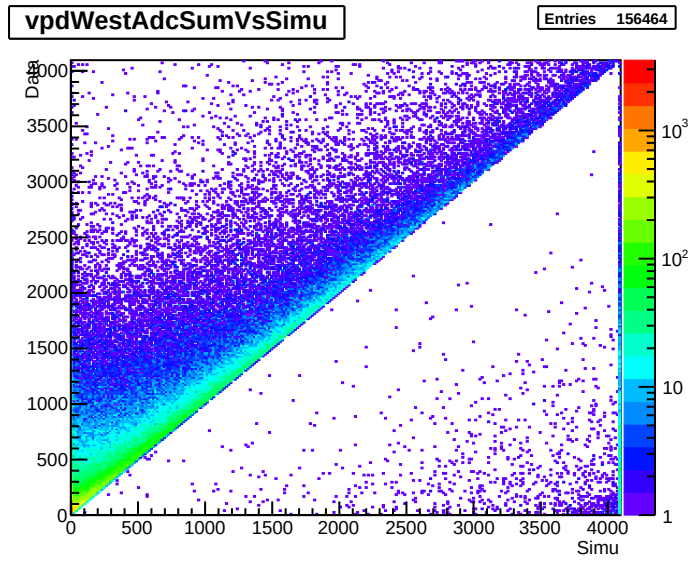

vpdEastNHits
Entries 627948

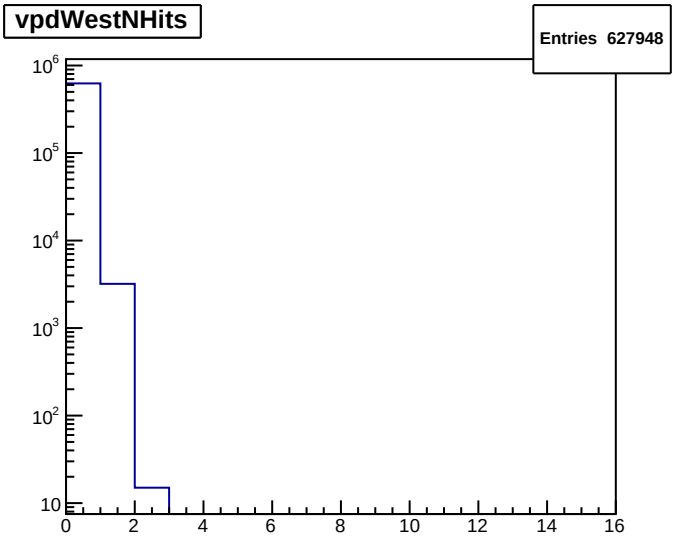

vpdEastNHitsVsSimu
Entries 1298

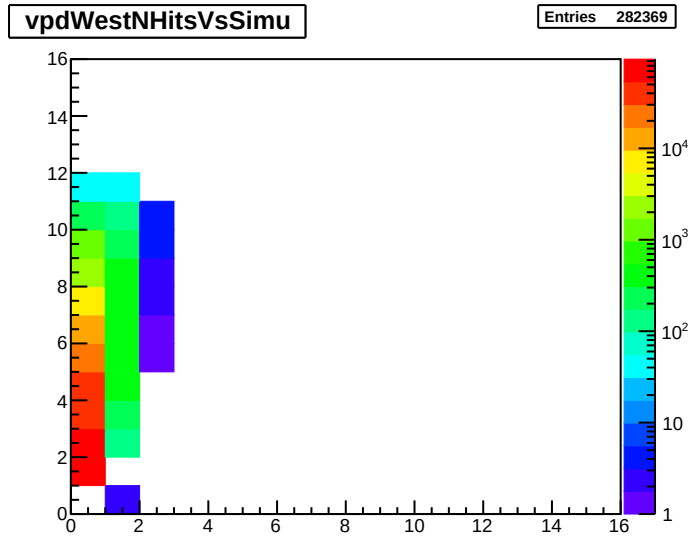

vpdEastTacSum
Entries 627948

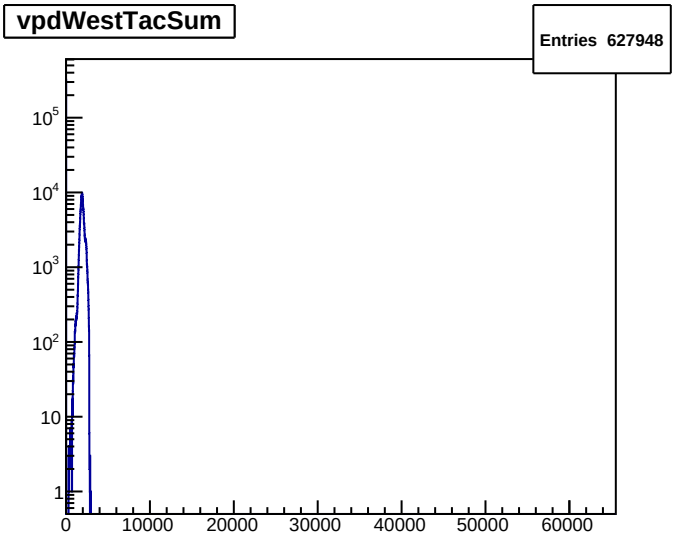

vpdEastTacSumVsSimu
Entries 323390
Data
Simu

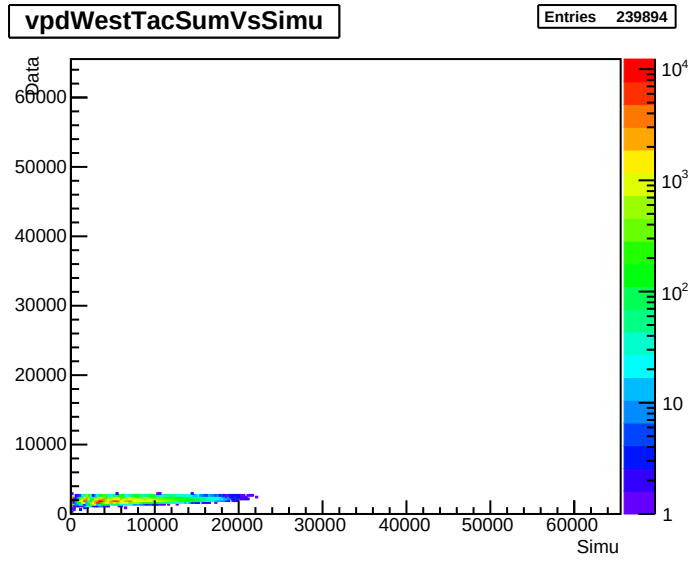

vpdWestAdcSum
Entries 627948

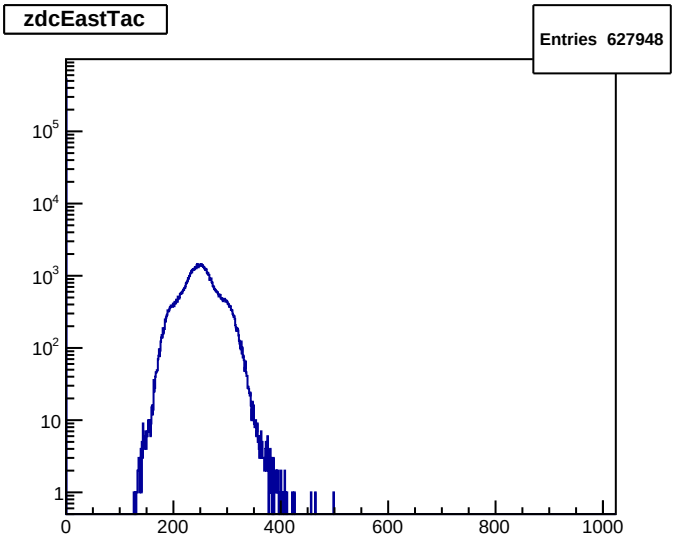

vpdWestAdcSumVsSimu
Entries 156464
Data
Simu

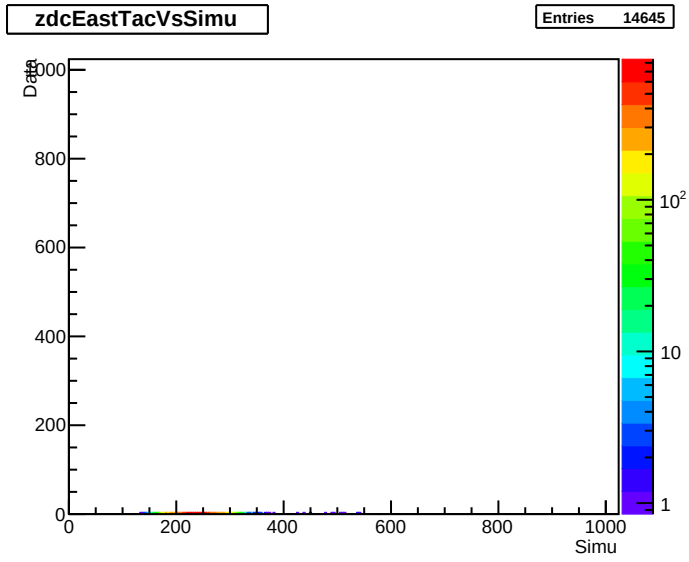

vpdWestNHits
Entries 627948

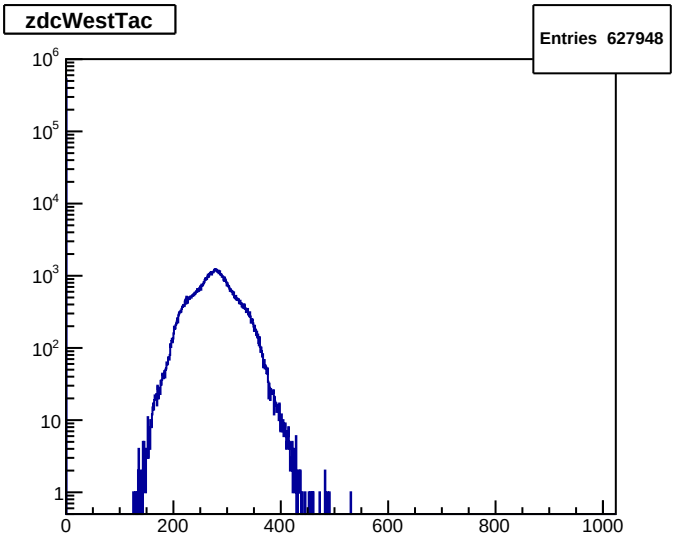

vpdWestNHitsVsSimu
Entries 282369

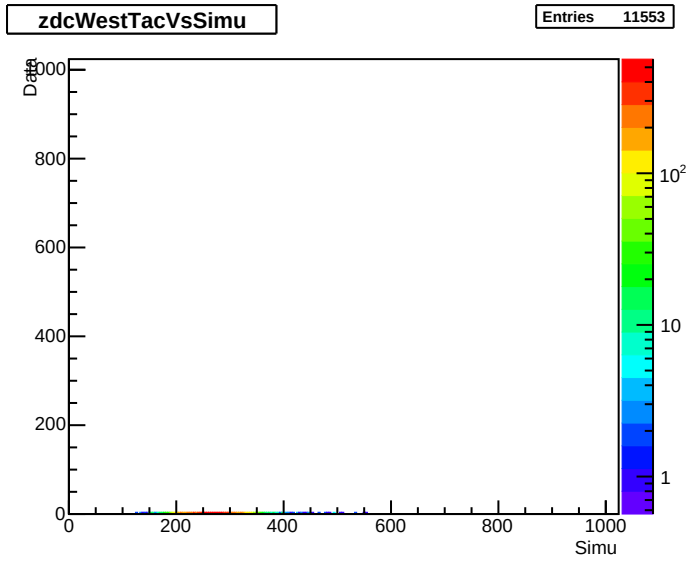

vpdWestTacSum
Entries 627948

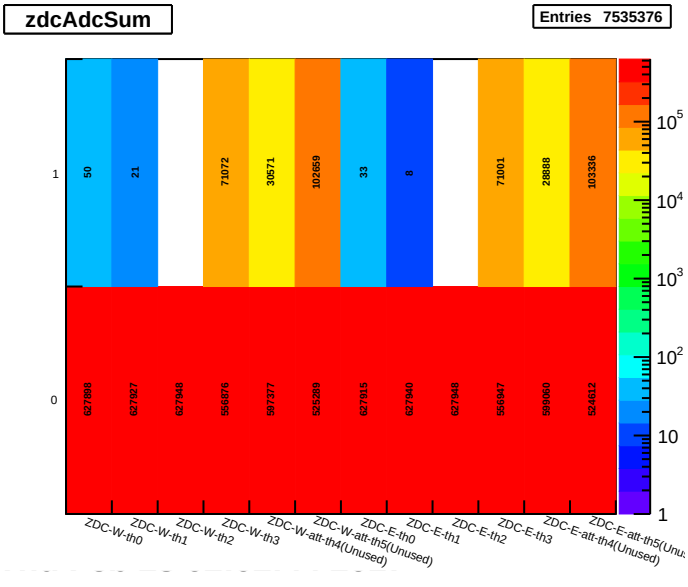

vpdWestTacSumVsSimu
Entries 239894
Data
Simu

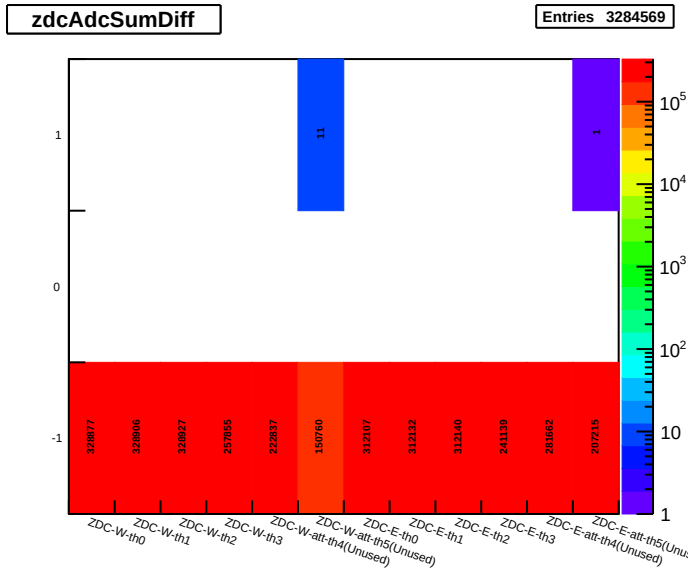

zdcEastTac
Entries 627948

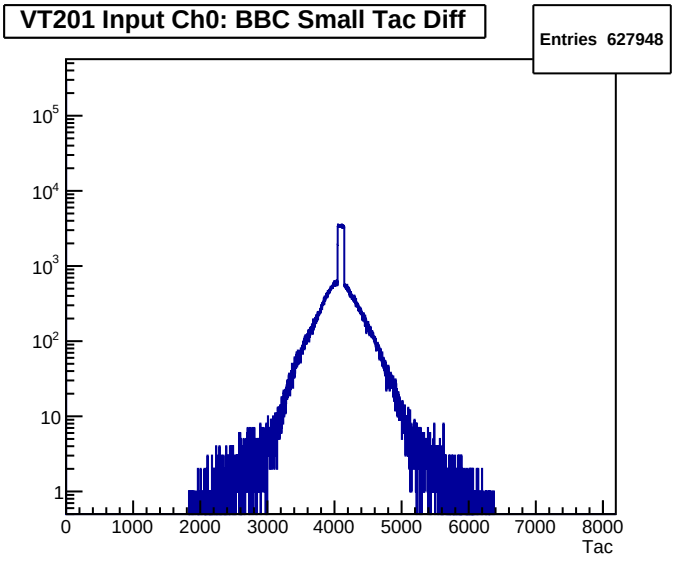

zdcEastTacVsSimu
Entries 14645
Data
Simu

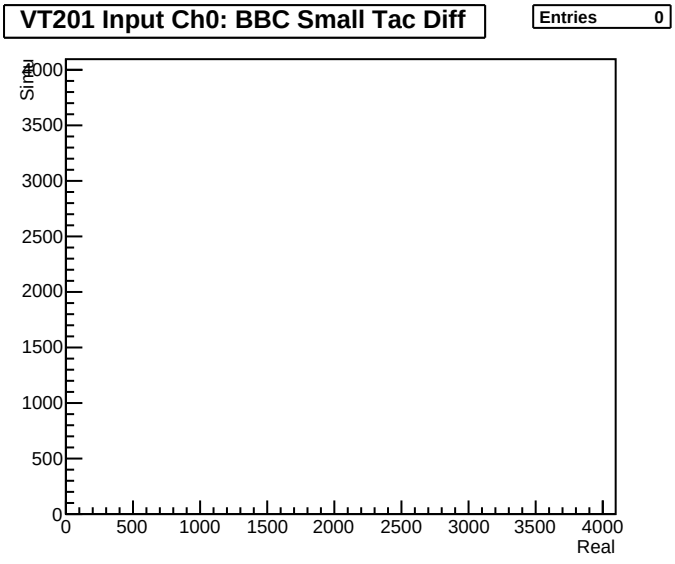

zdcWestTac
Entries 627948

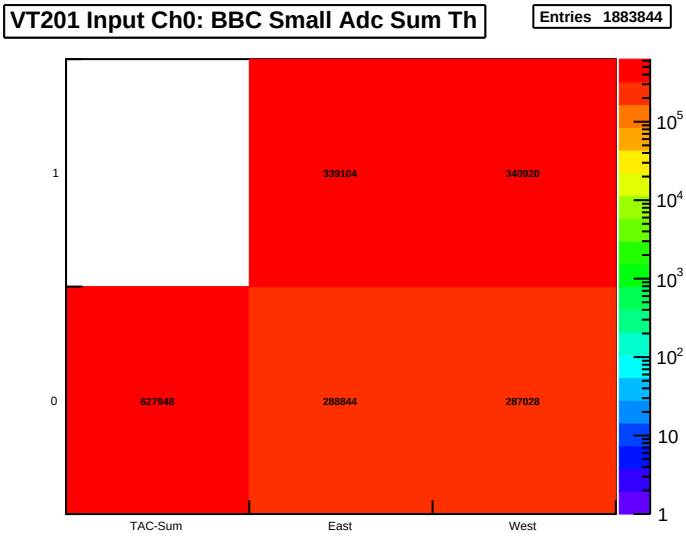

zdcWestTacVsSimu
Entries 11553
Data
Simu

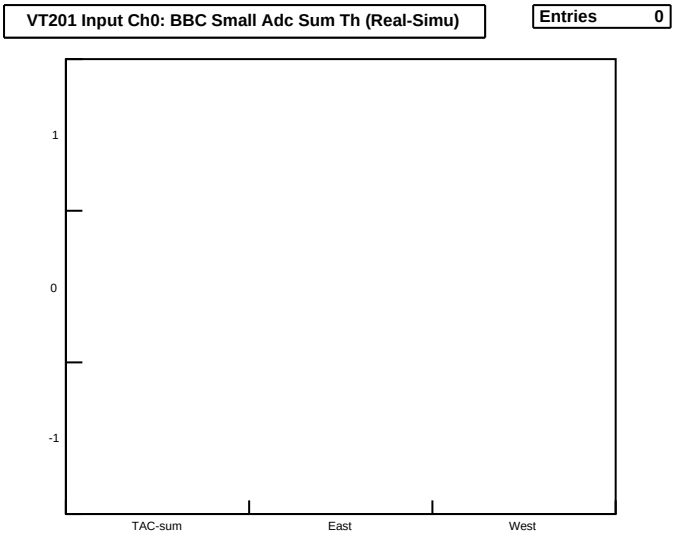

zdcAdcSum
Entries 7535376
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

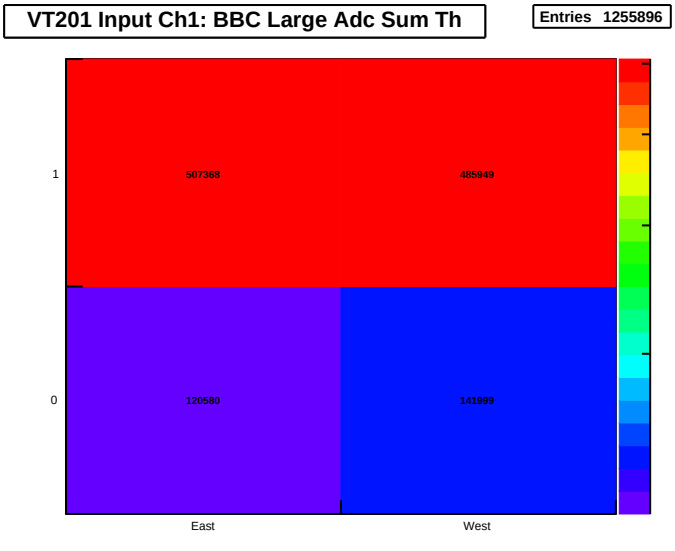

zdcAdcSumDiff
Entries 3284569
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

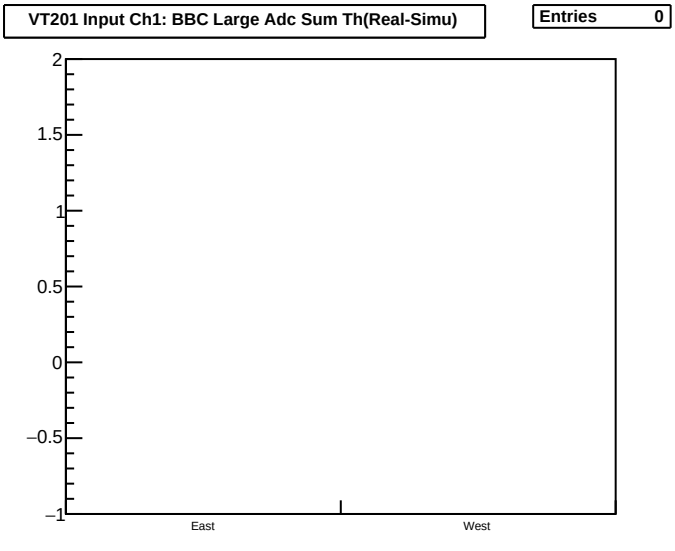

VT201 Input Ch0: BBC Small Tac Diff
Entries 627948
Tac


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

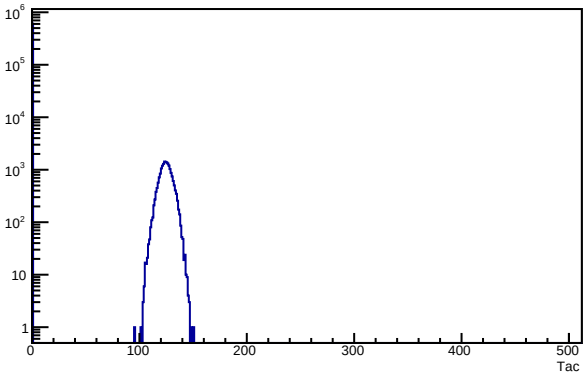

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1883844
339104
340920
627948
288844
287028
TAC-Sum
East
West


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

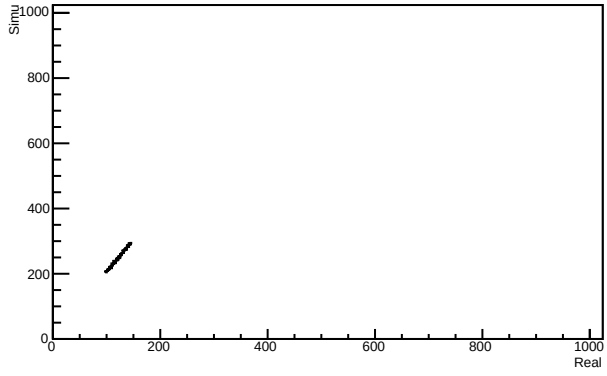

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1255896
507368
485949
120580
141999
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

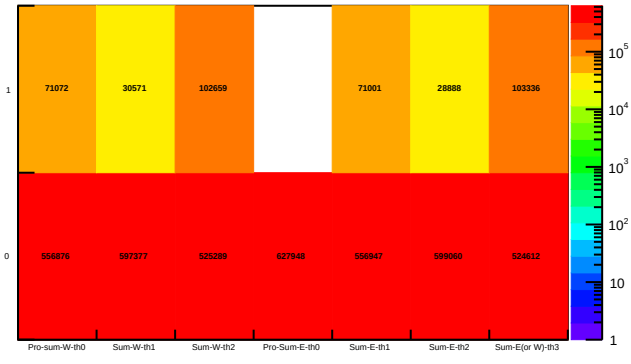
VT201 Input Ch2: ZDC Tac Diff



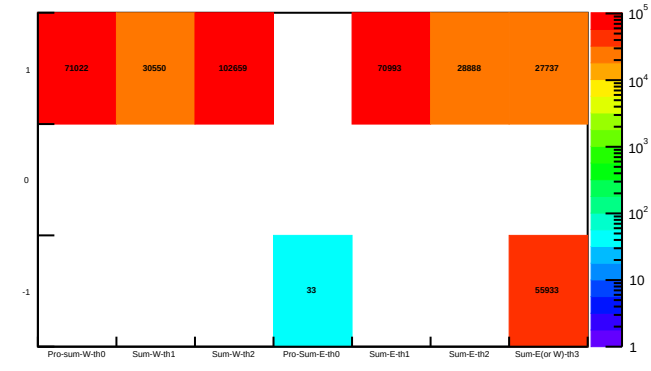
VT201 Input Ch2: ZDC Tac Diff



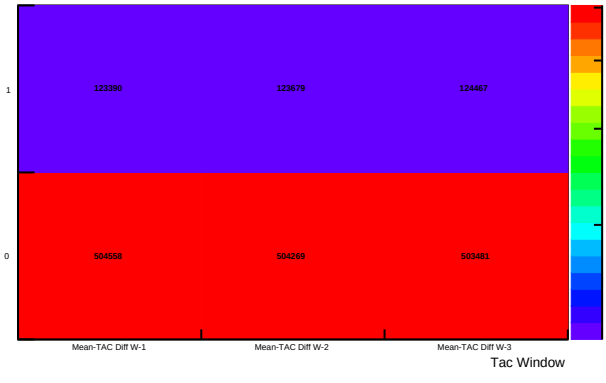
VT201 Input Ch2: ZDC Adc Sum Th



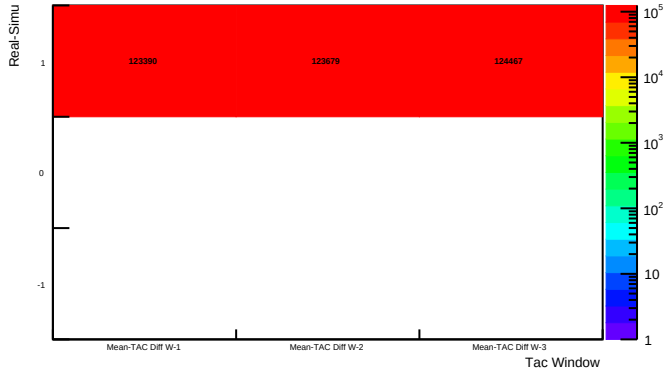
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



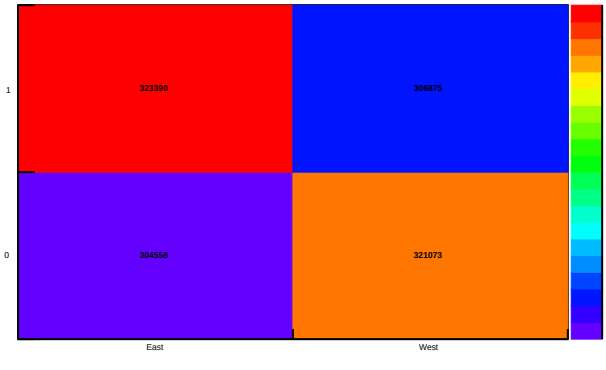
VT201 Input Ch4: VPD Tac Diff



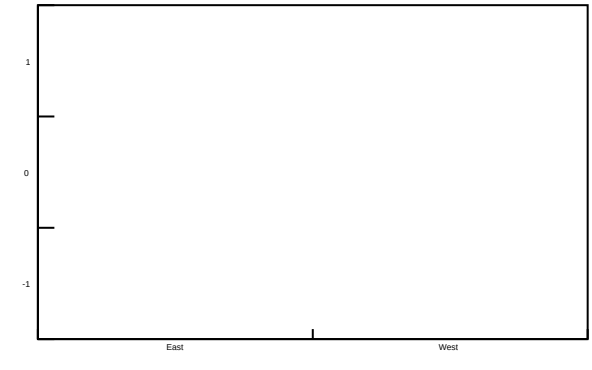
VT201 Input Ch4: VPD Tac Diff

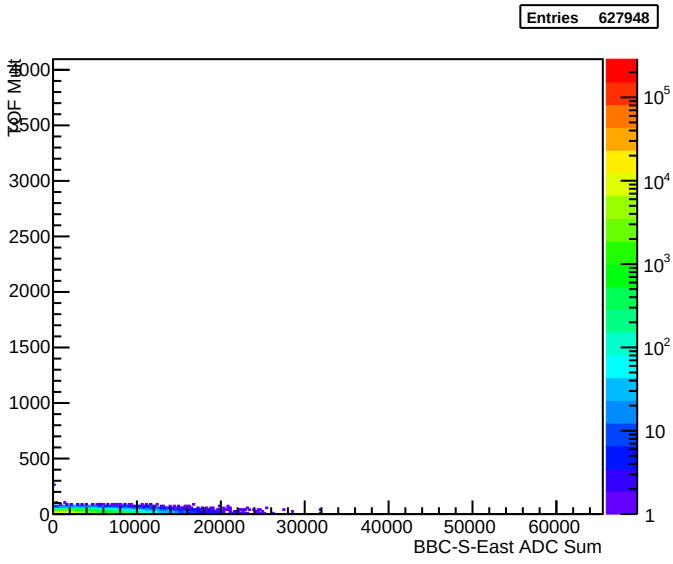


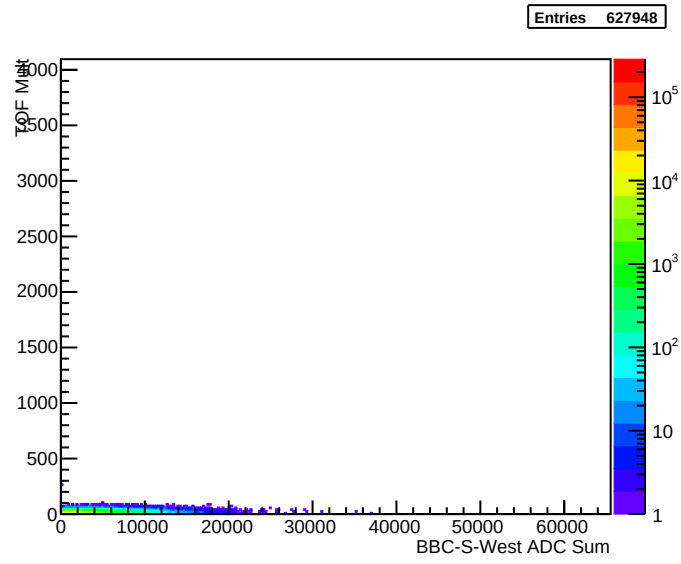
VT201 Input Ch4: VPD Adc Sum Th

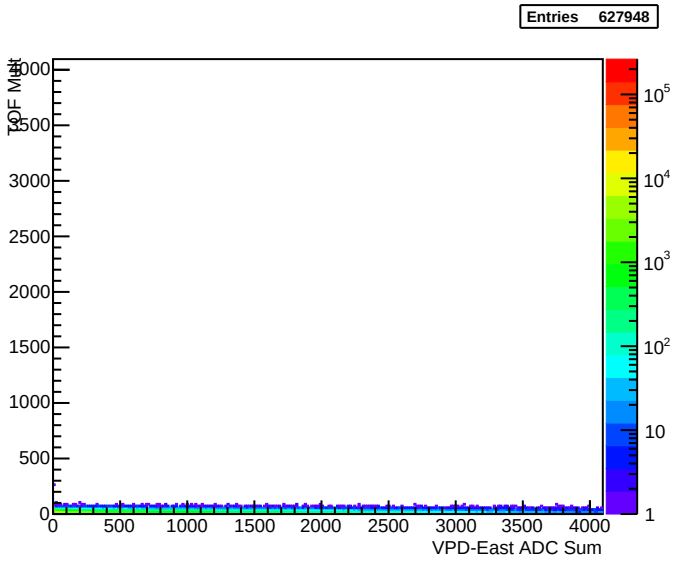


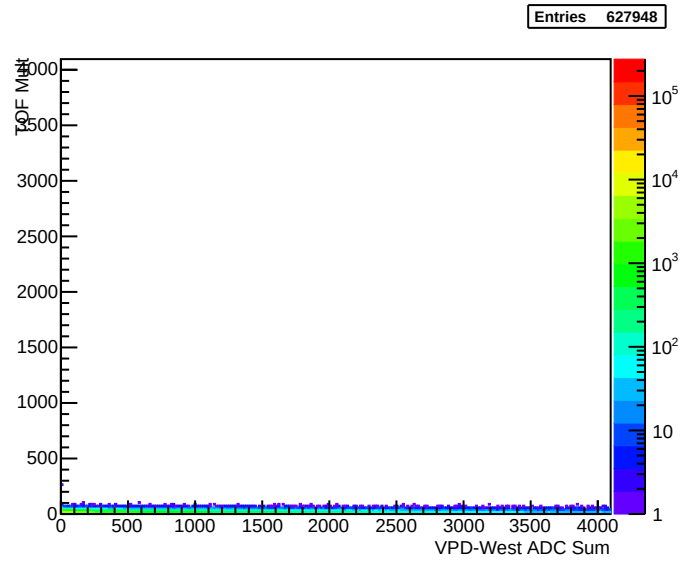
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

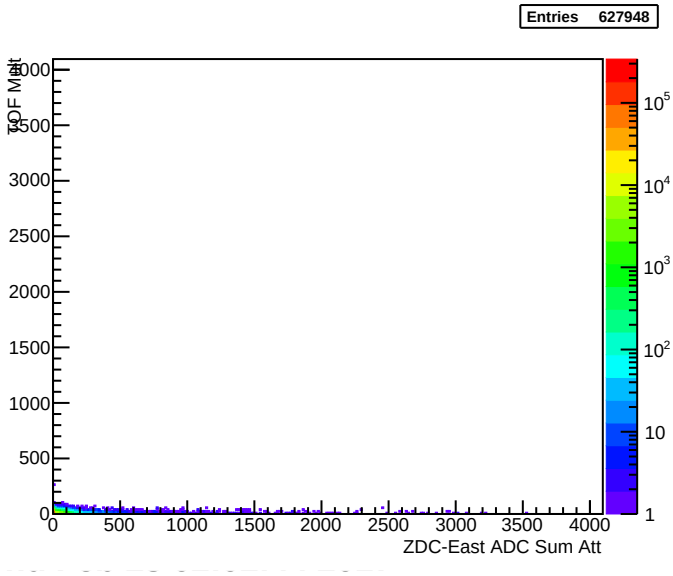


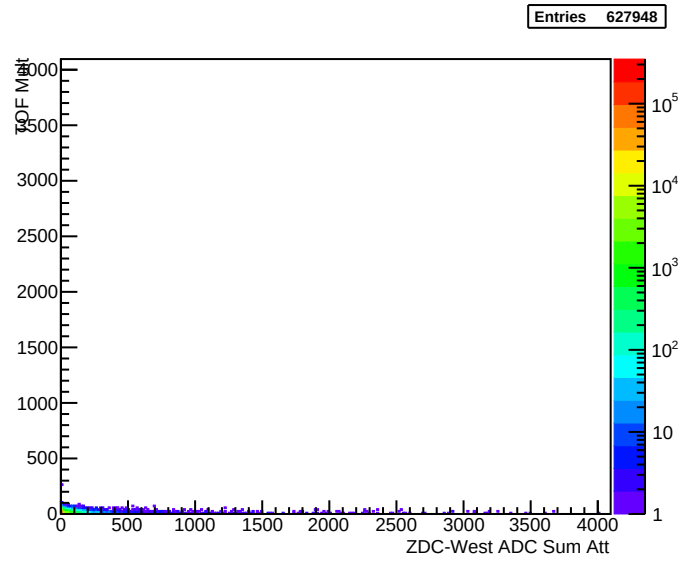

Entries 627948
TOF Mult
BBC-S-East ADC Sum

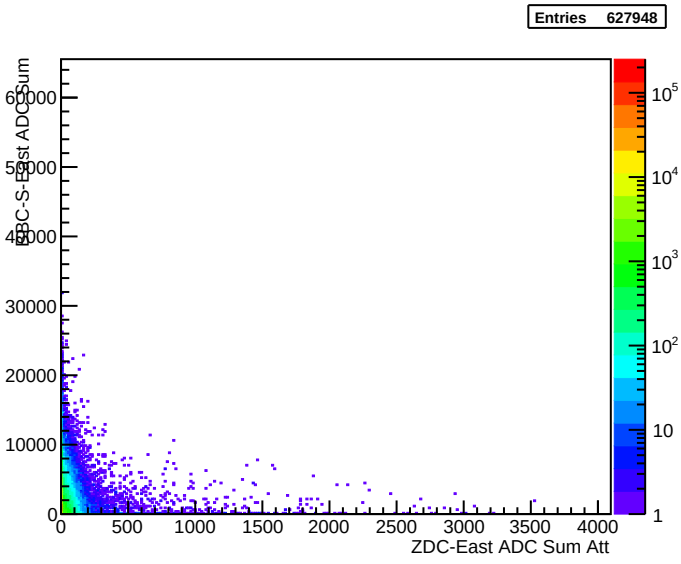

Entries 627948
TOF Mult
BBC-S-West ADC Sum

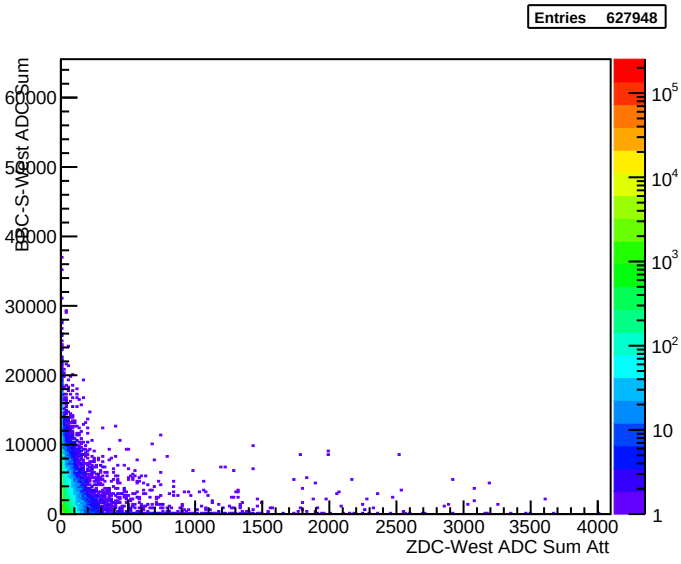

Entries 627948
TOF Mult
VPD-East ADC Sum

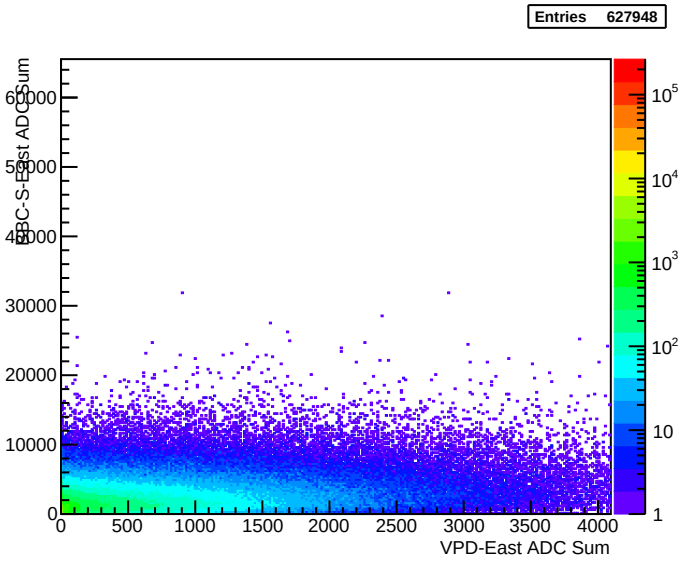

Entries 627948
TOF Mult
VPD-West ADC Sum

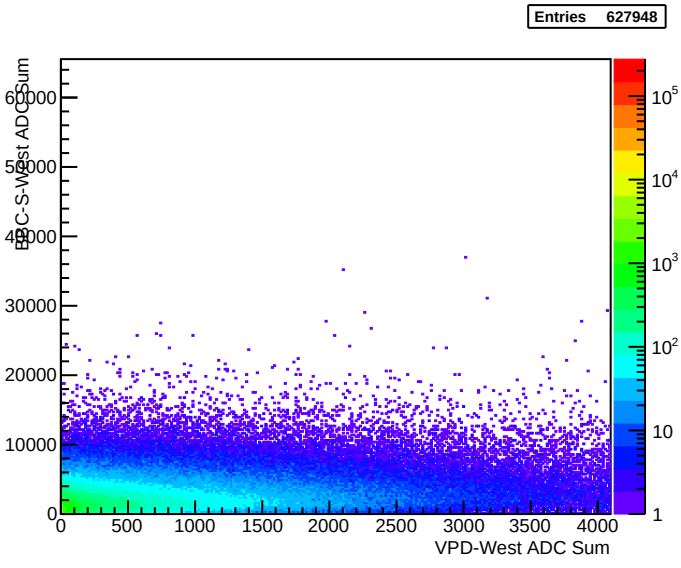

Entries 627948
TOF Mult
ZDC-East ADC Sum Att

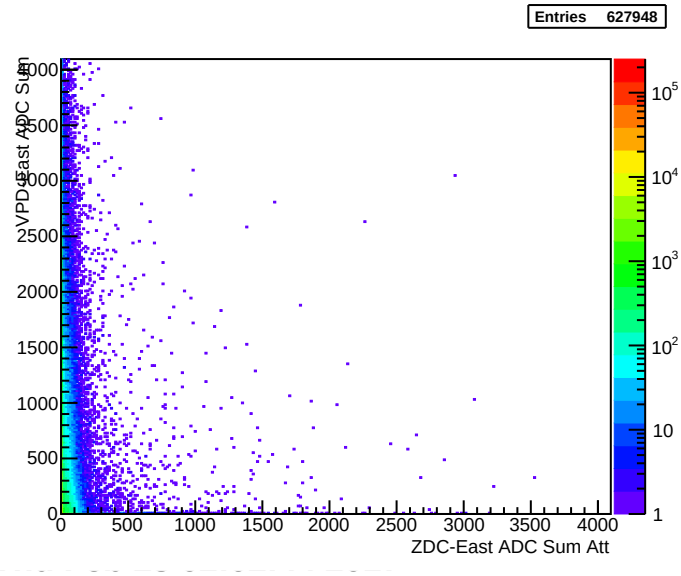

Entries 627948
TOF Mult
ZDC-West ADC Sum Att

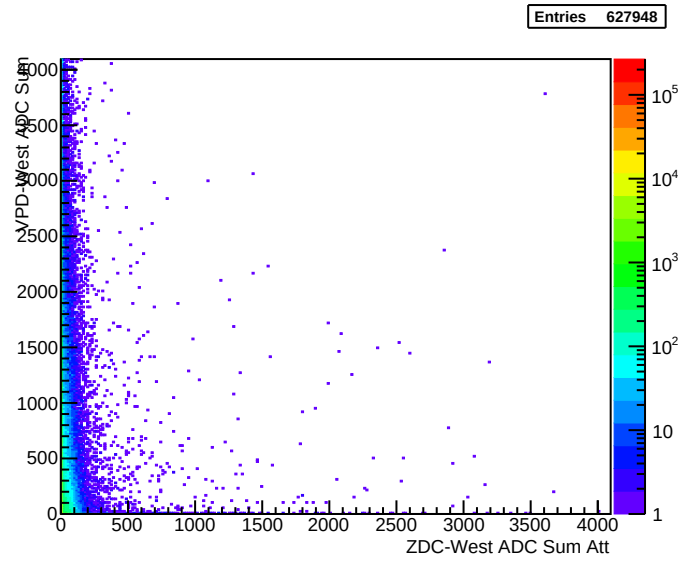

Entries 627948
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

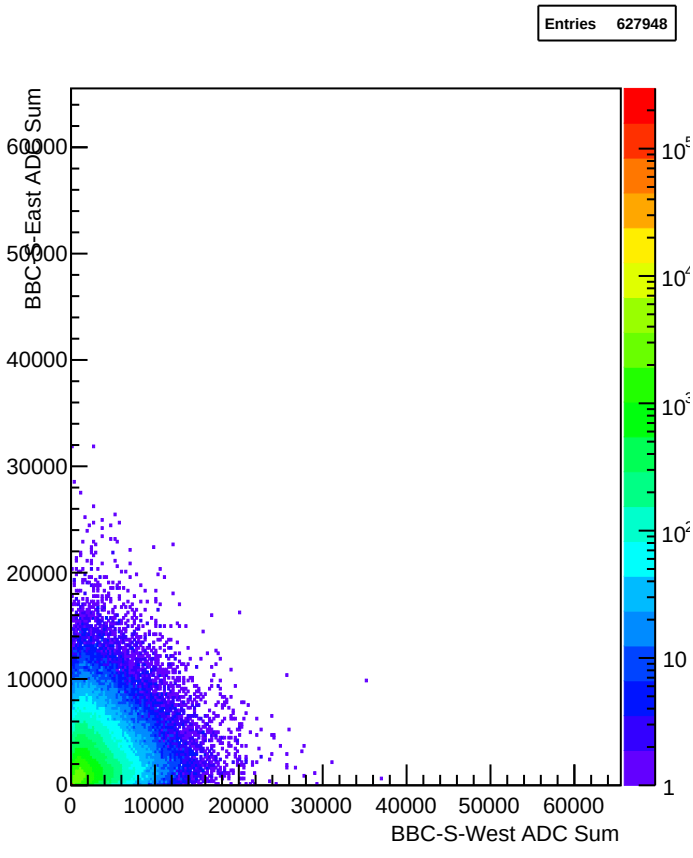

Entries 627948
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

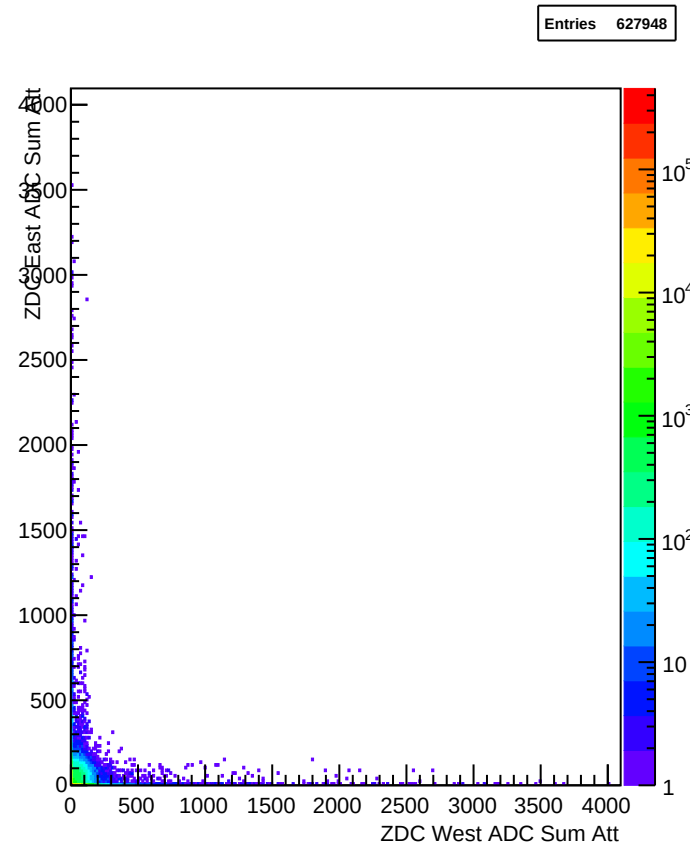

Entries 627948
BBC-S-East ADC Sum
VPD-East ADC Sum

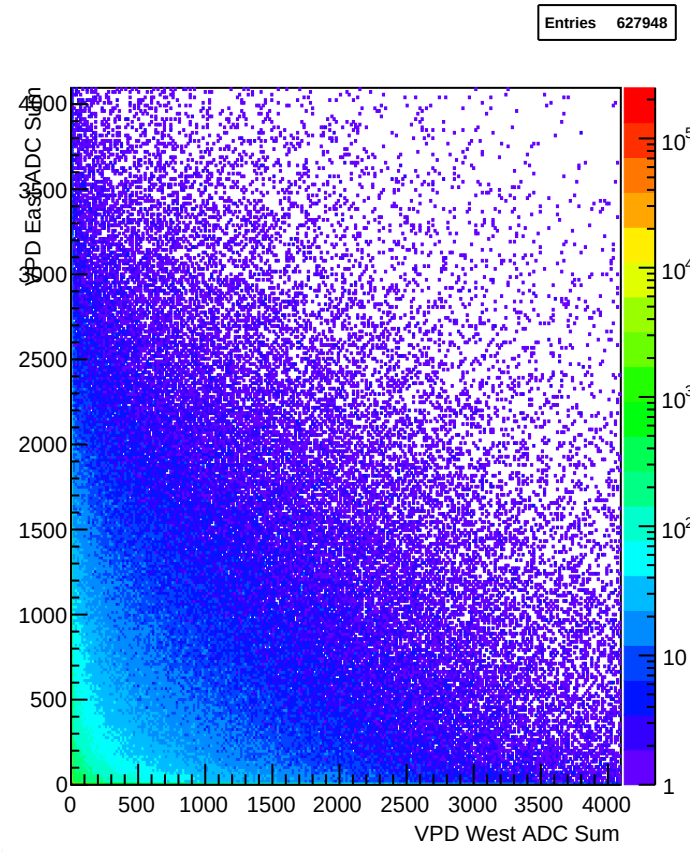

Entries 627948
BBC-S-West ADC Sum
VPD-West ADC Sum

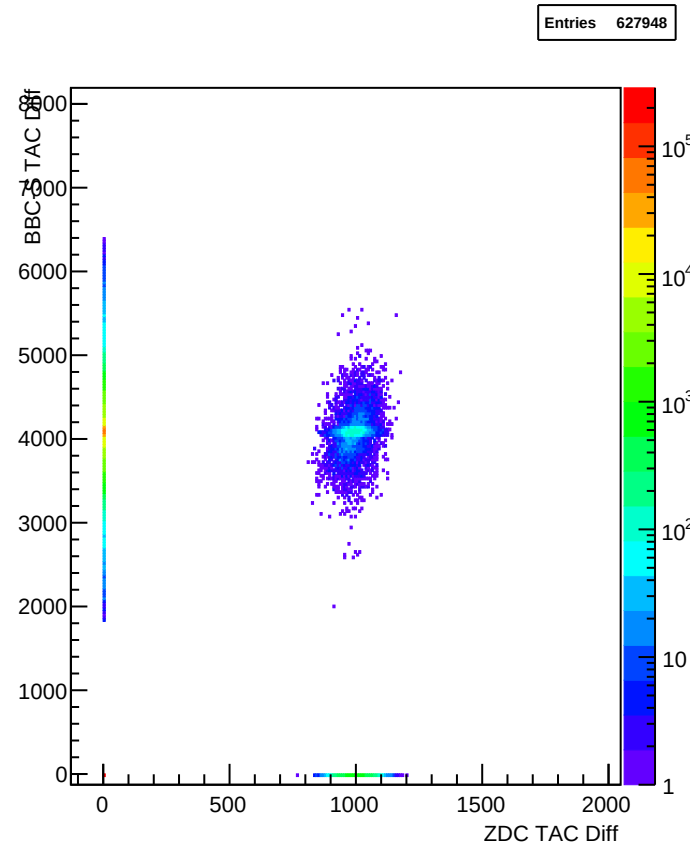

Entries 627948
VPD-East ADC Sum
ZDC-East ADC Sum Att

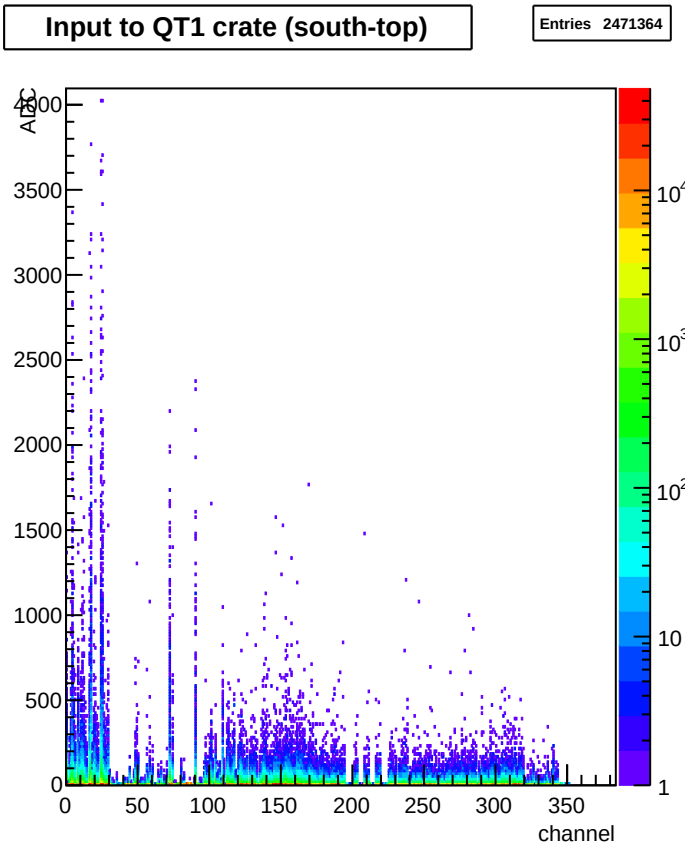

Entries 627948
VPD-West ADC Sum
ZDC-West ADC Sum Att

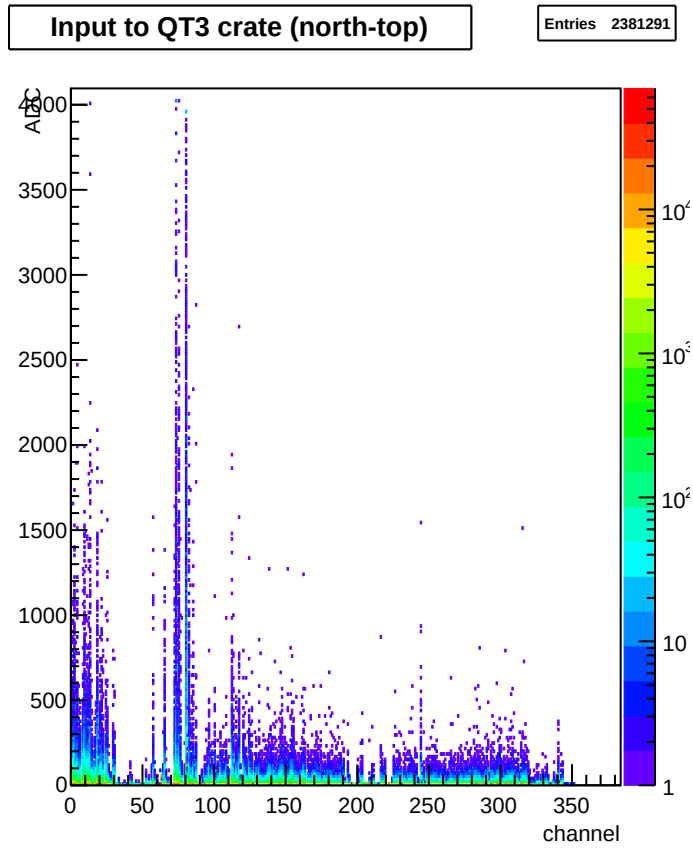

Entries 627948
BBC-S-East ADC Sum
BBC-S-West ADC Sum

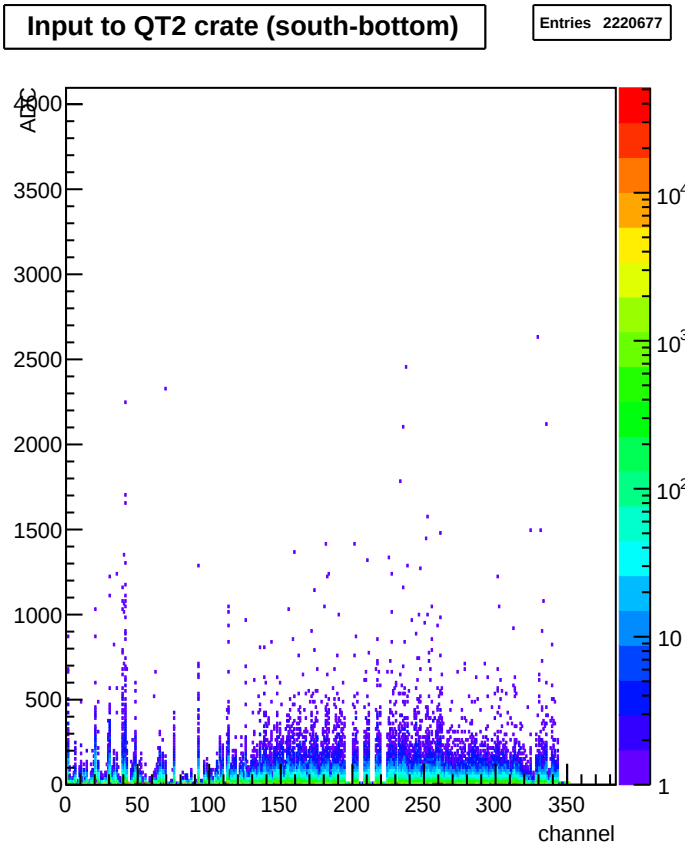

Entries 627948
ZDC East ADC Sum Att
ZDC West ADC Sum Att

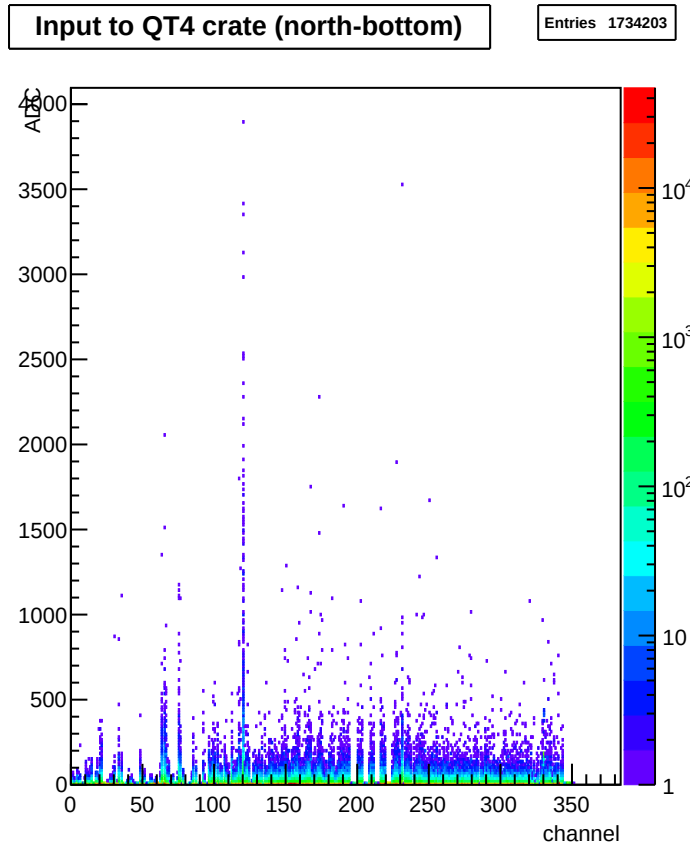

Entries 627948
VPD East ADC Sum
VPD West ADC Sum

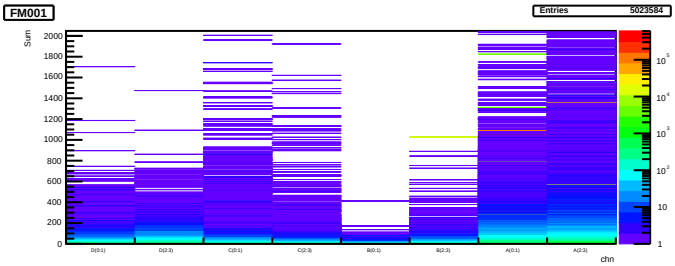

Entries 627948
BBC-S TAC Diff
ZDC TAC Diff

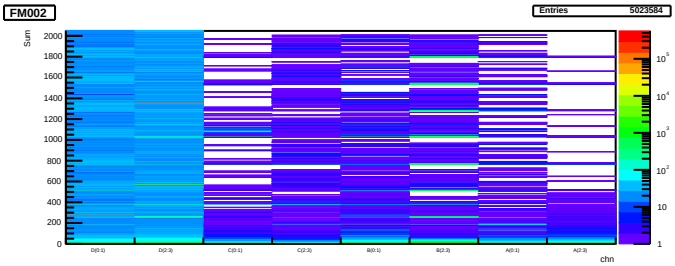

Input to QT1 crate (south-top)
Entries 2471364
ADC
channel

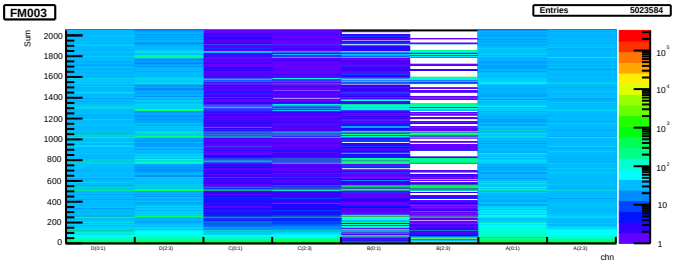

Input to QT3 crate (north-top)
Entries 2381291
ADC
channel

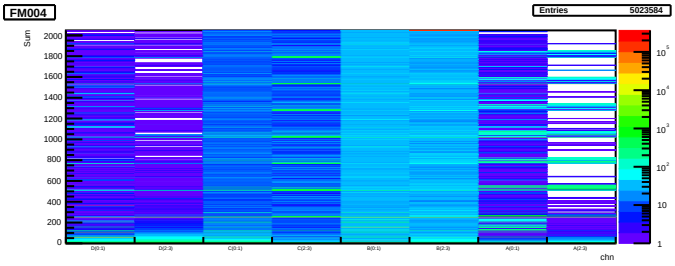

Input to QT2 crate (south-bottom)
Entries 2220677
ADC
channel

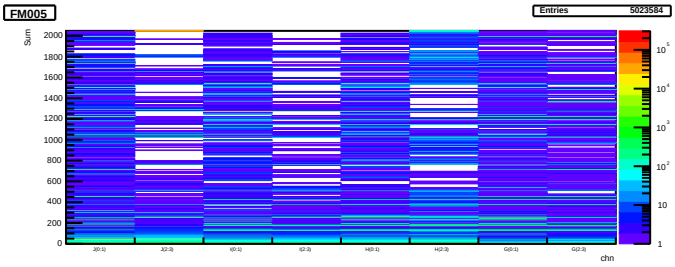

Input to QT4 crate (north-bottom)
Entries 1734203
ADC
channel

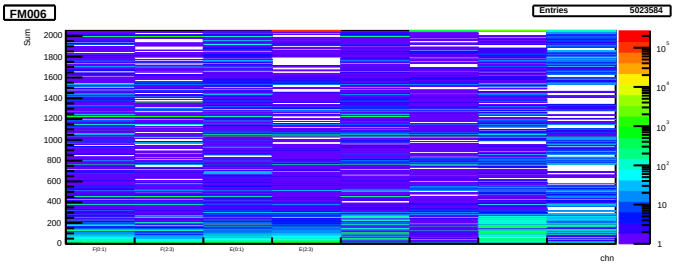

FM001
Entries 5023584
Sum
chn

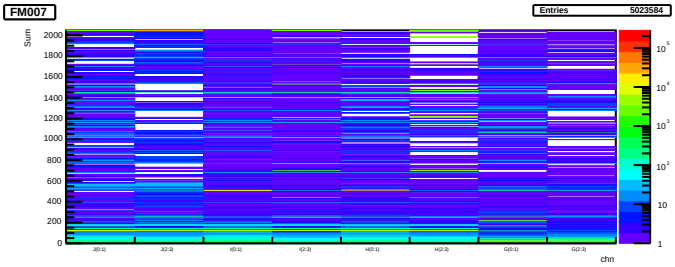

FM002
Entries 5023584
Sum
chn

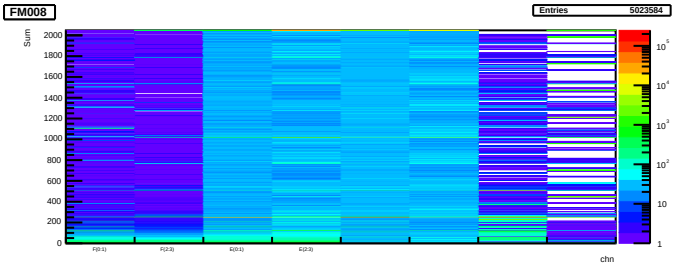

FM003
Entries 5023584
Sum
chn

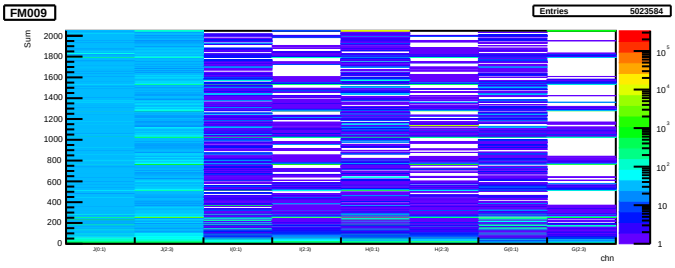

FM004
Entries 5023584
Sum
chn

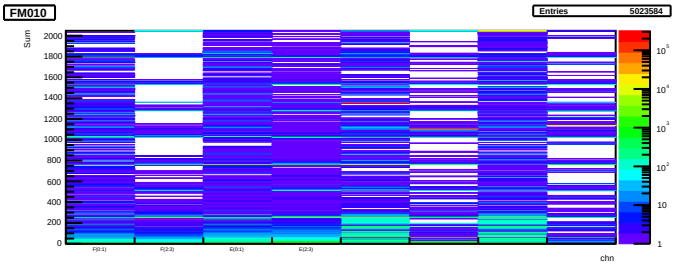

FM005
Entries 5023584
Sum
chn

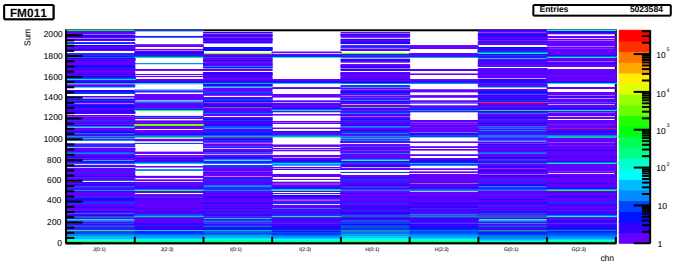

FM006
Entries 5023584
Sum
chn

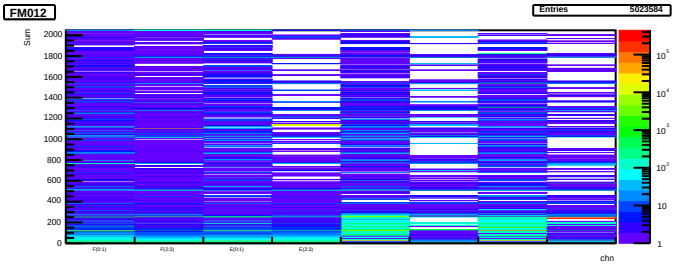

FM007
Entries 5023584
Sum
chn

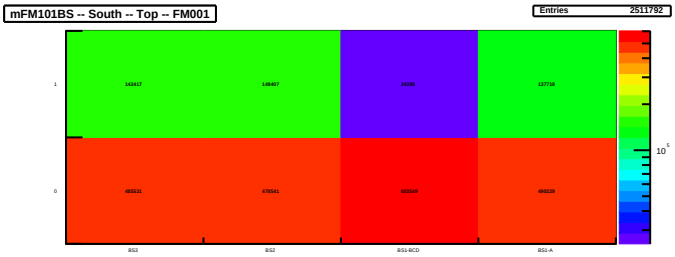

FM008
Entries 5023584
Sum
chn

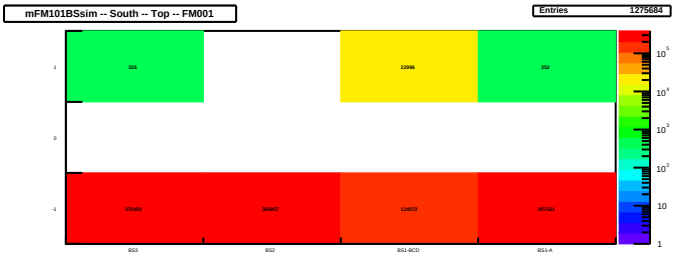

FM009
Entries 5023584
Sum
chn

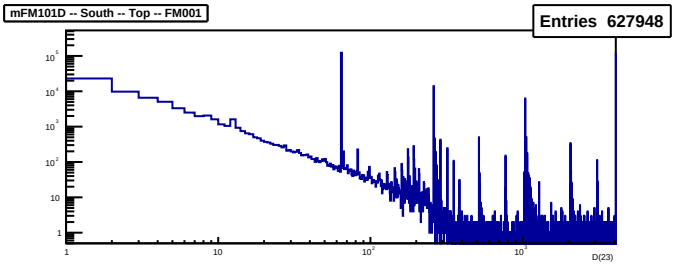

FM010
Entries 5023584
Sum
chn

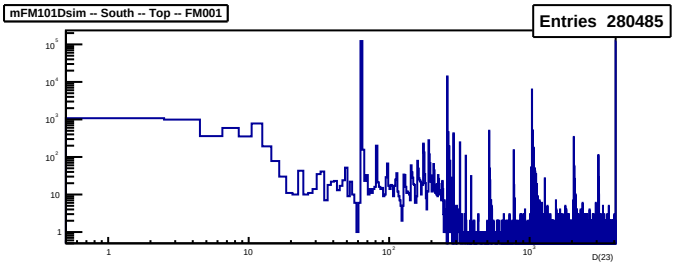

FM011
Entries 5023584
Sum
chn


FM012
Entries 5023584
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 2511792


mFM101BSsim -- South -- Top -- FM001
Entries 1275684


mFM101D -- South -- Top -- FM001
Entries 627948
D(23)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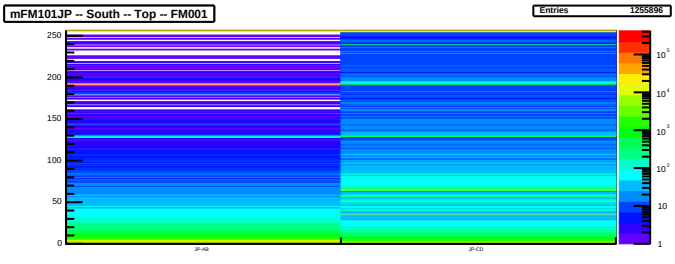
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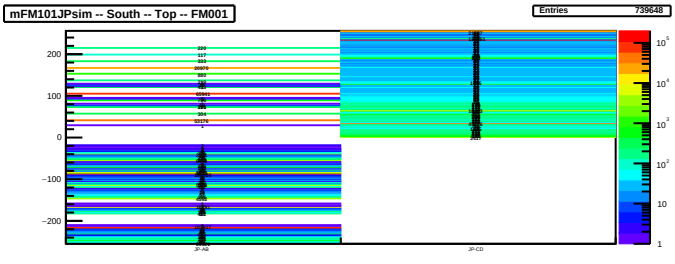
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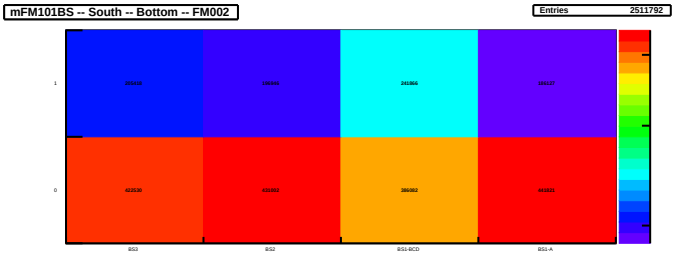
mFM101BS -- South -- Bottom -- FM002
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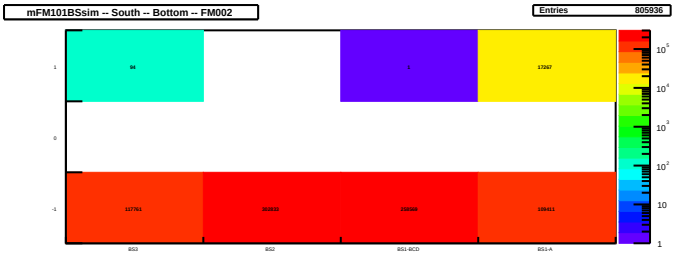
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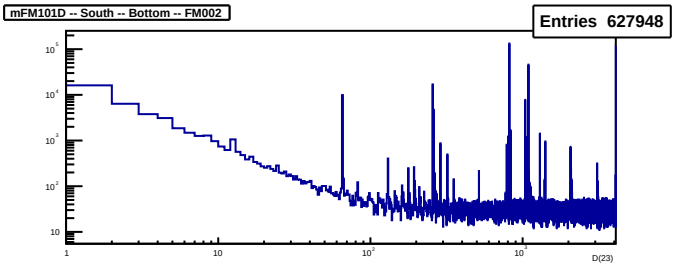
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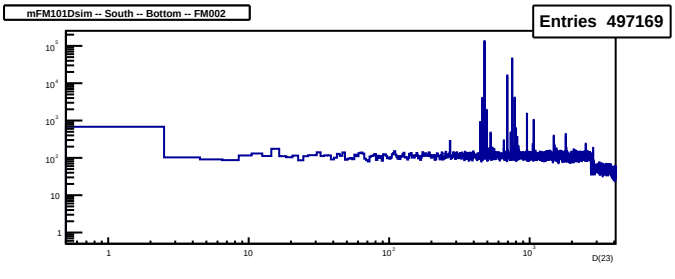
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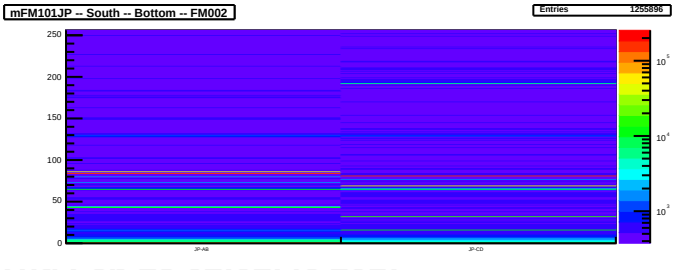
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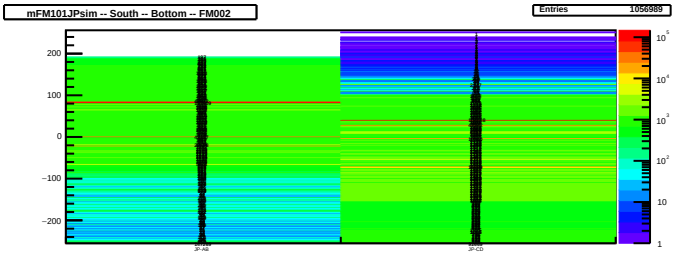
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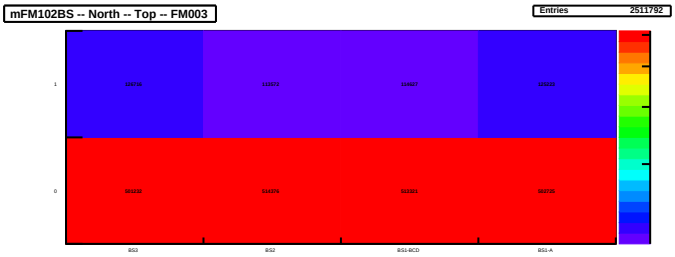
mFM102BS -- North -- Top -- FM003
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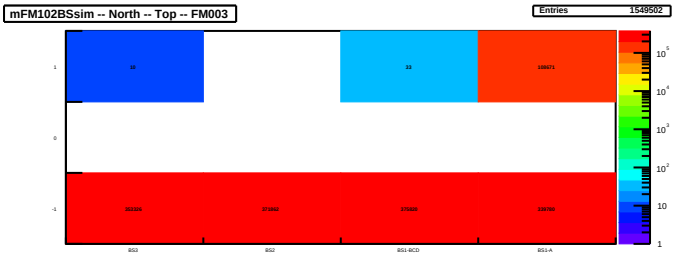
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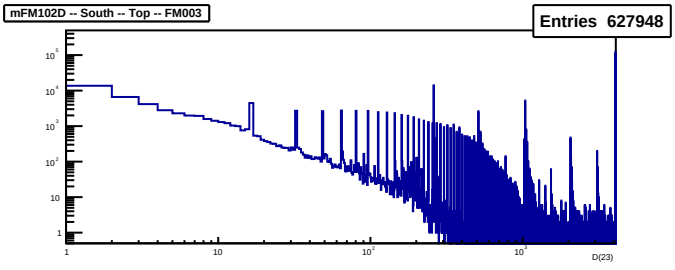
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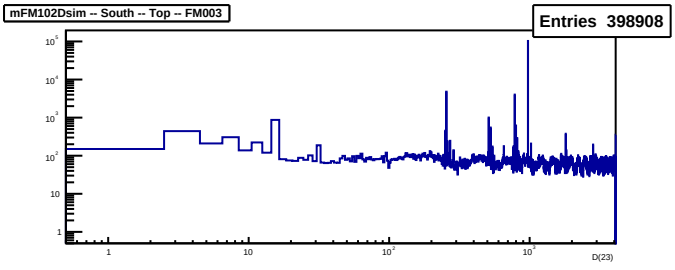
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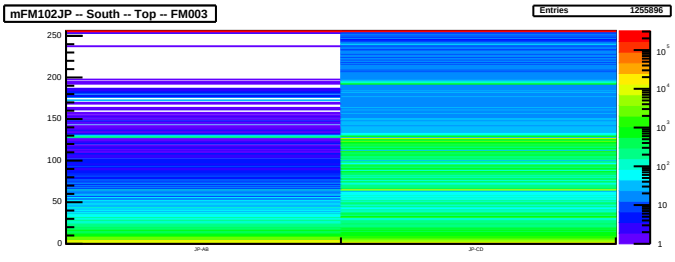
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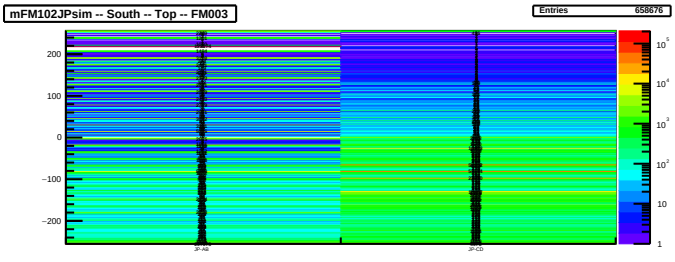
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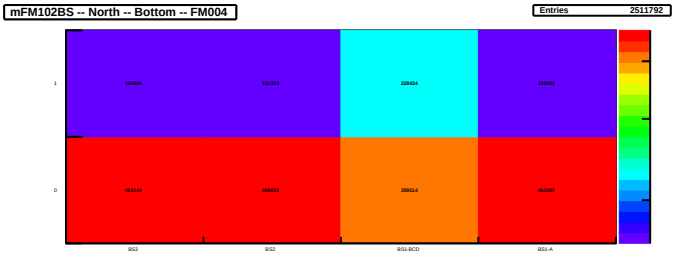
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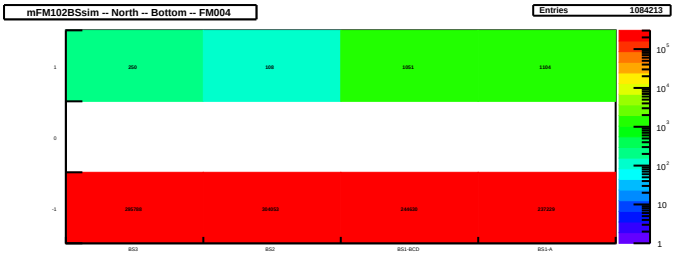
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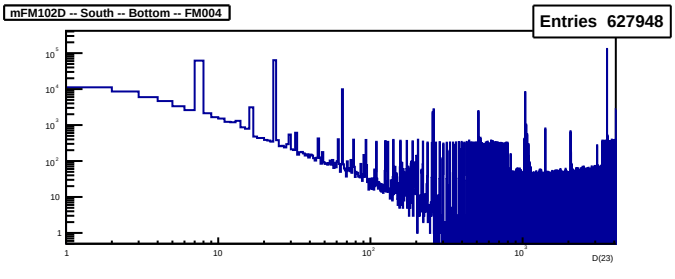
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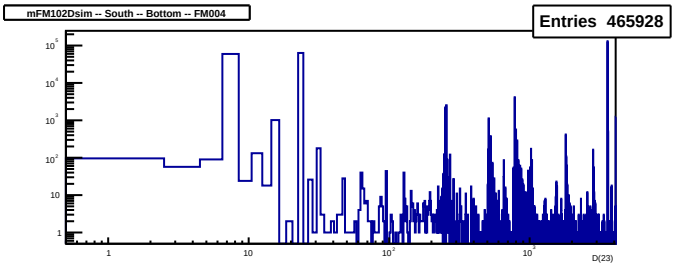
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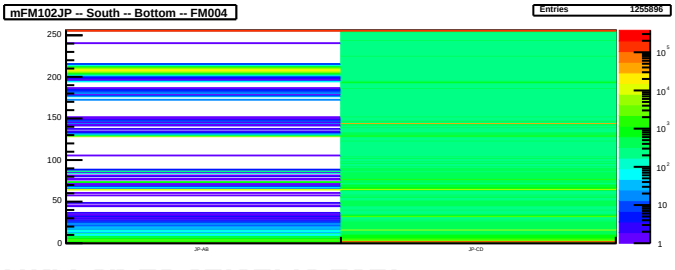
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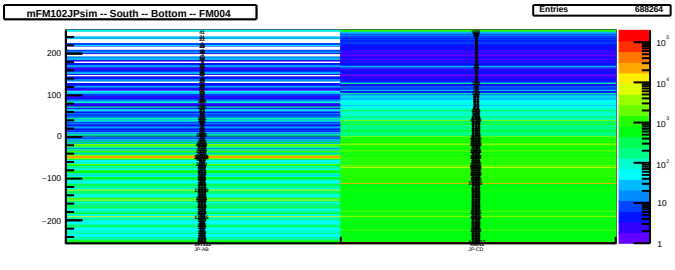
Entries 1255896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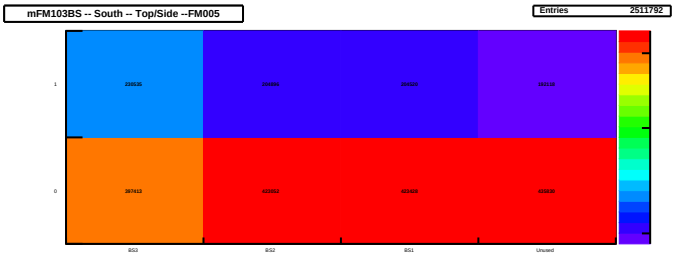
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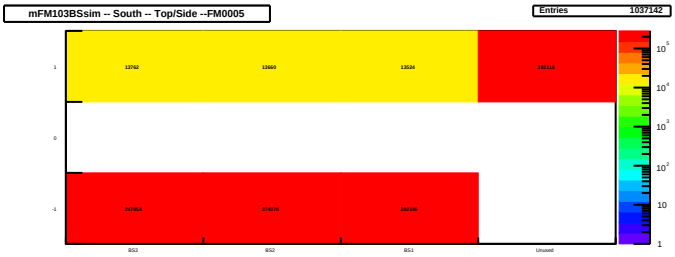
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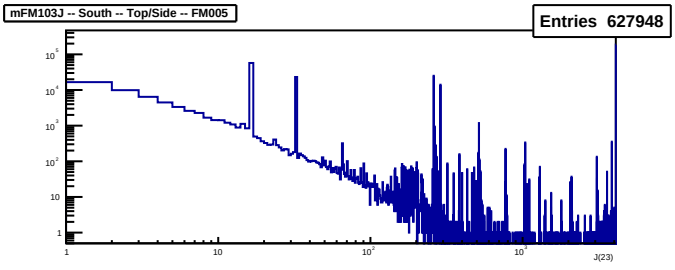
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Entries 627948
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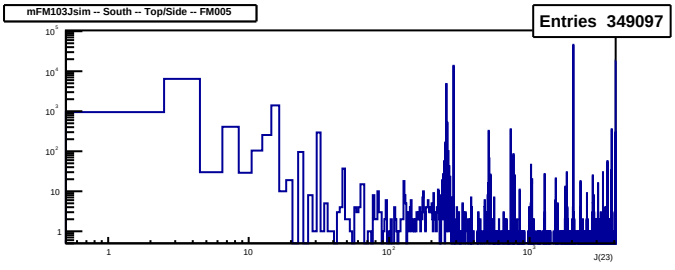
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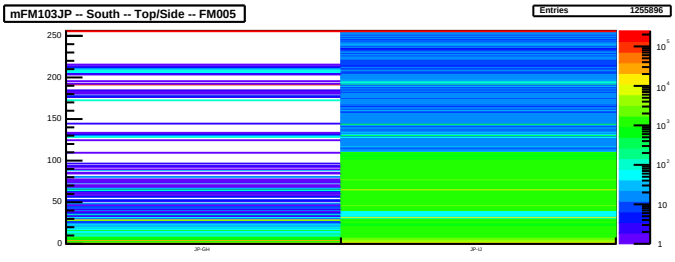
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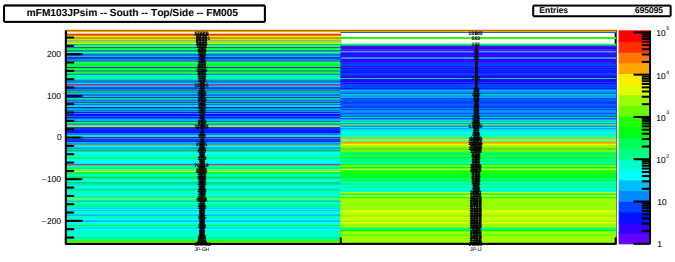
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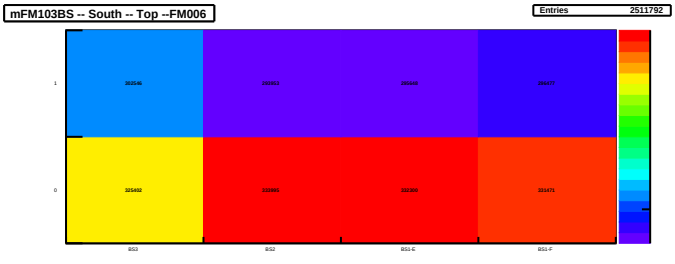
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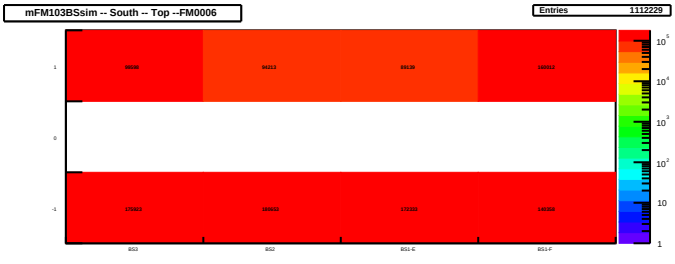
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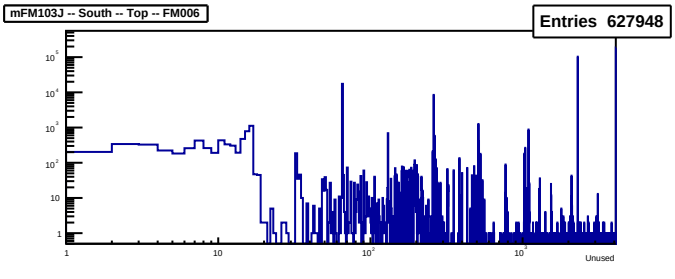
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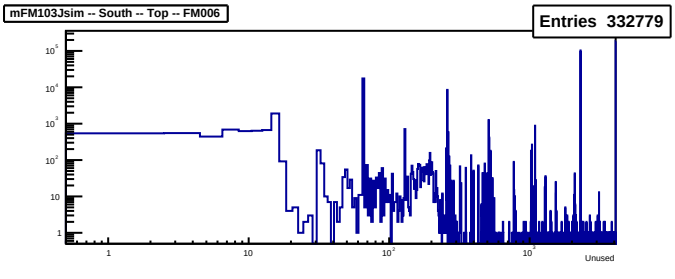
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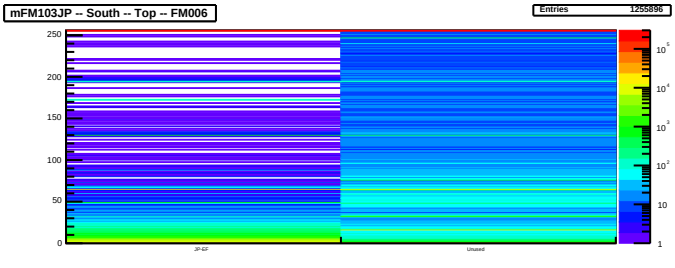
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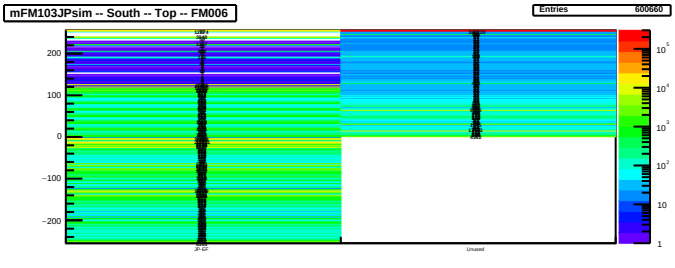
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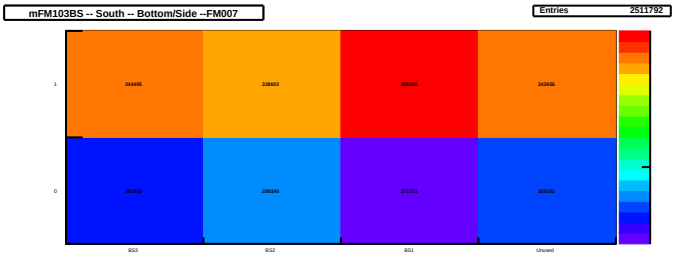
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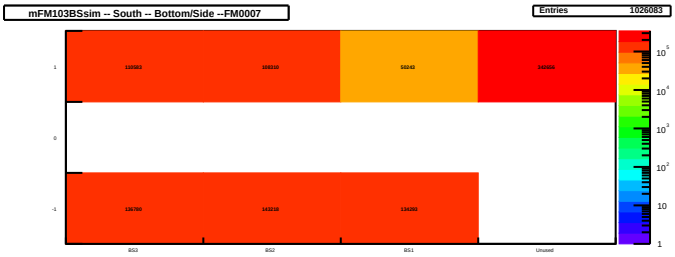
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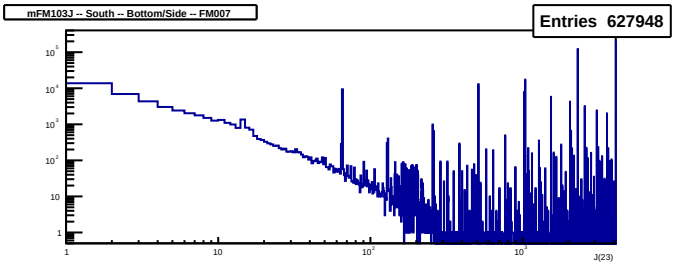
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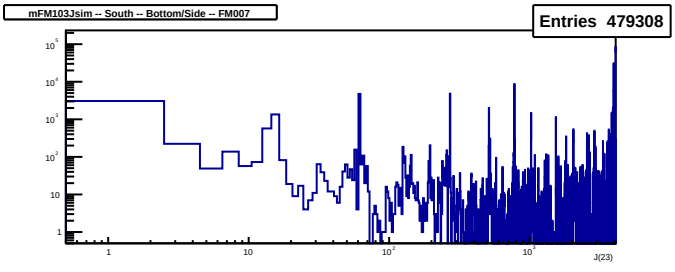
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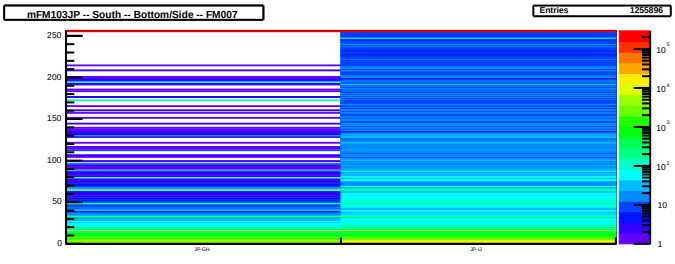
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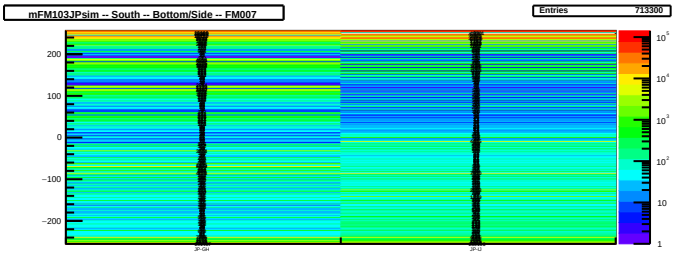
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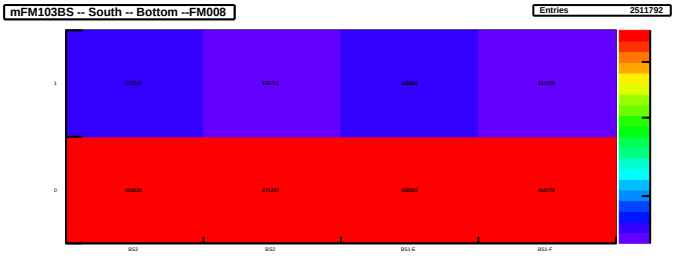
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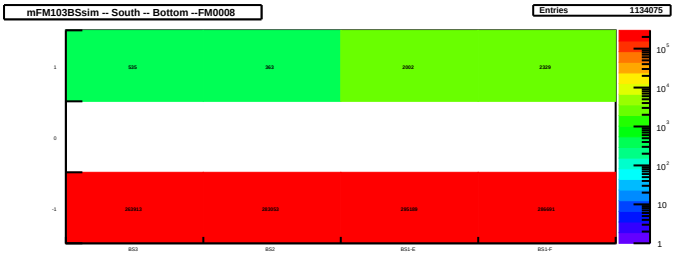
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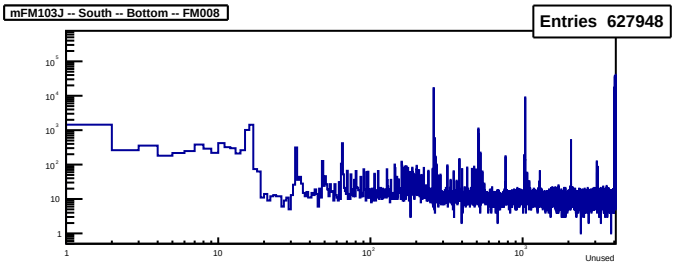
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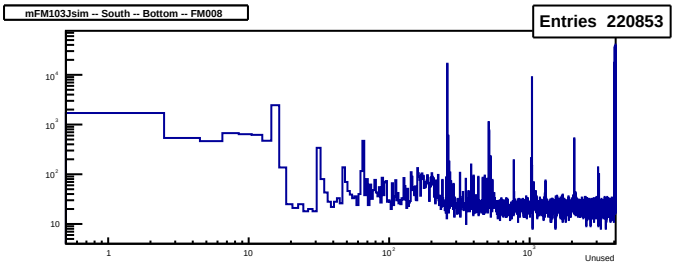
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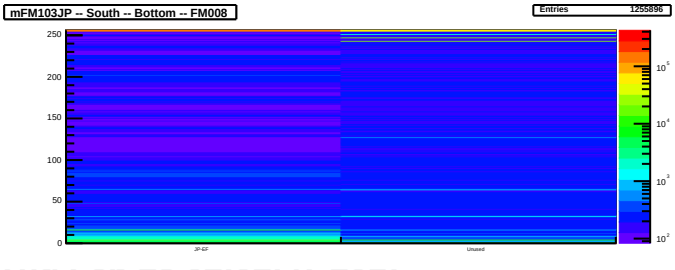
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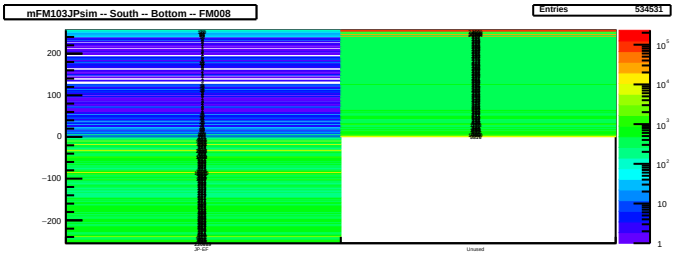
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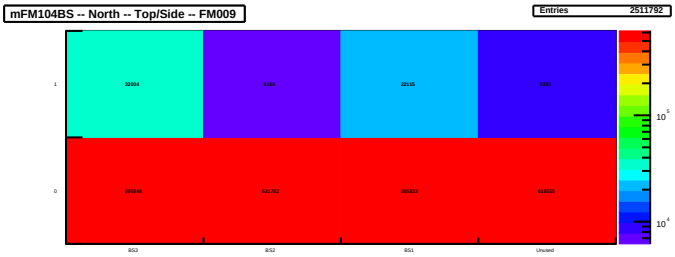
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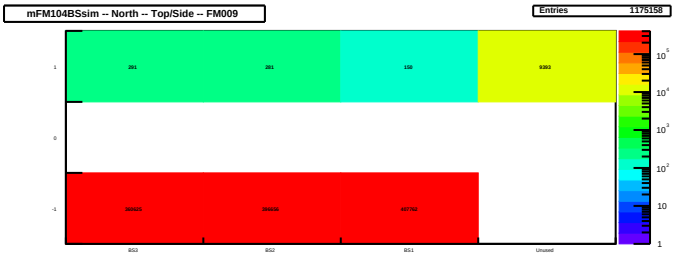
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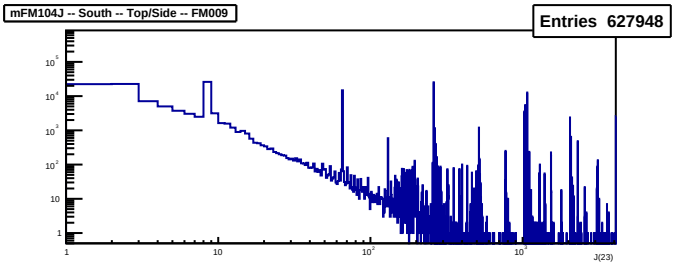
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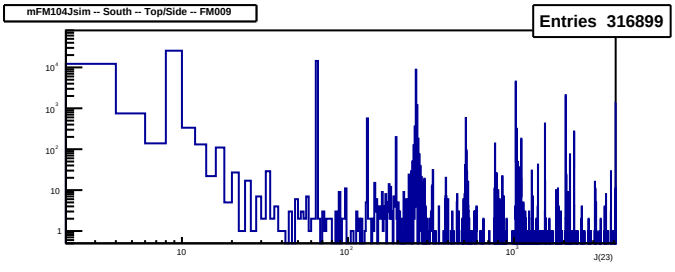
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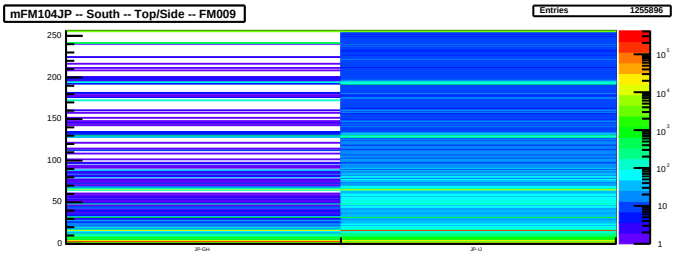
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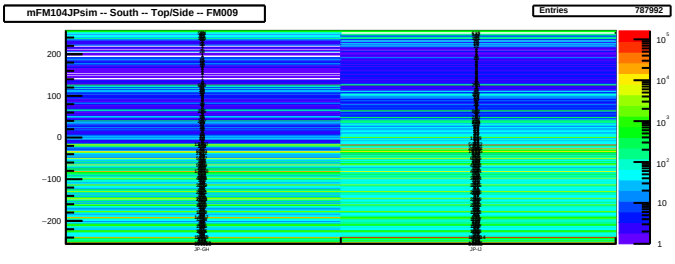
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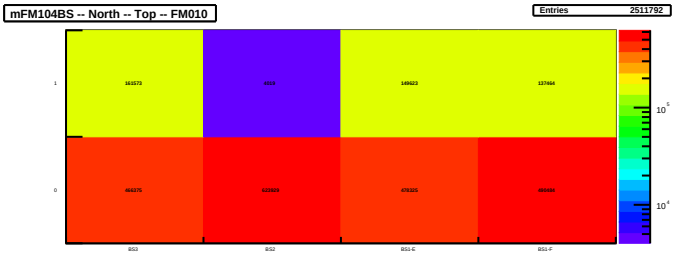
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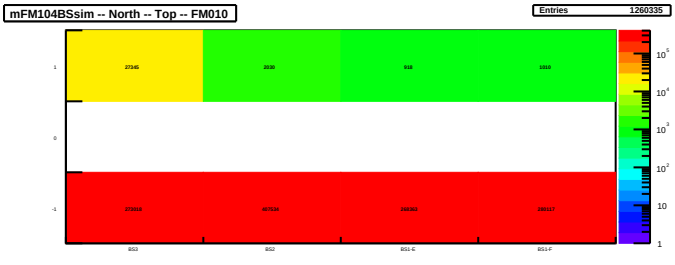
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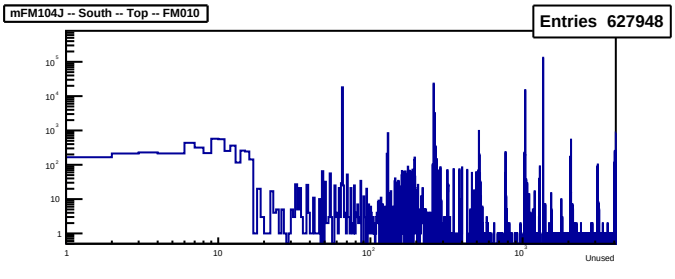
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Entries 627948
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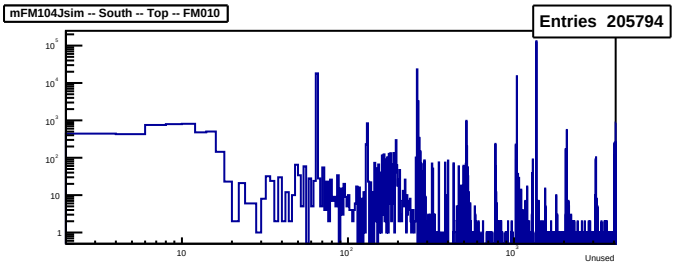
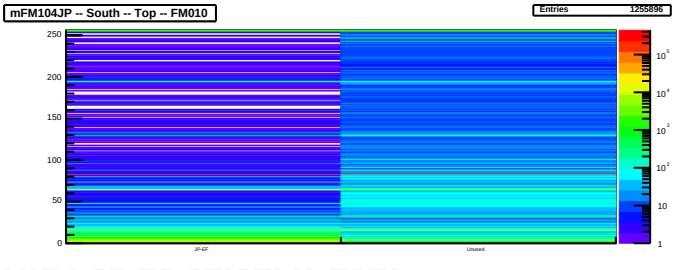
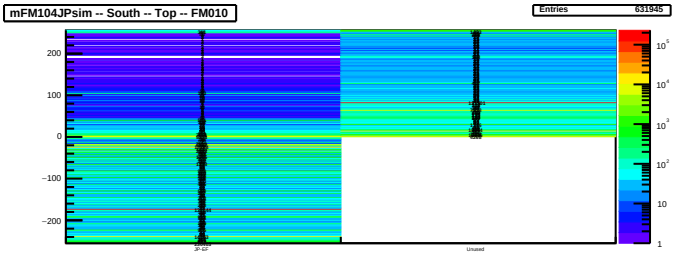
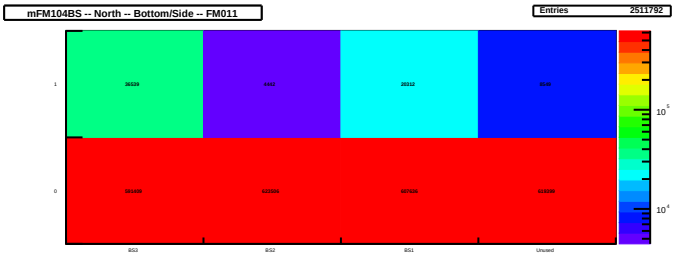
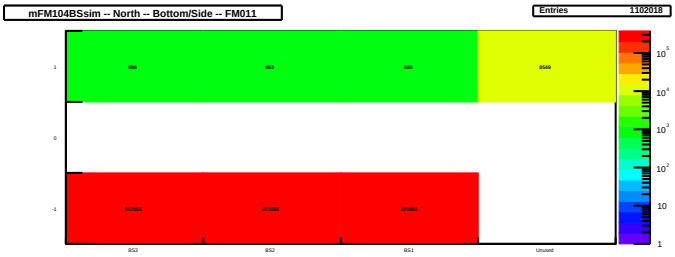
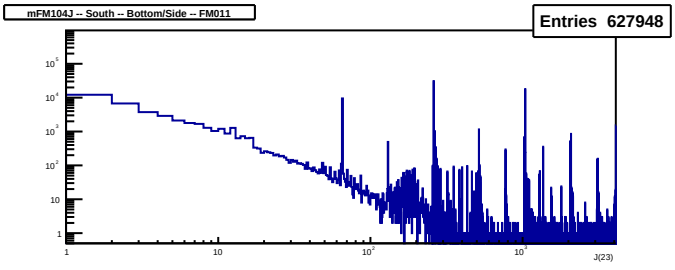

mFM104Jsim -- South -- Top -- FM010
Entries 205794
Unused

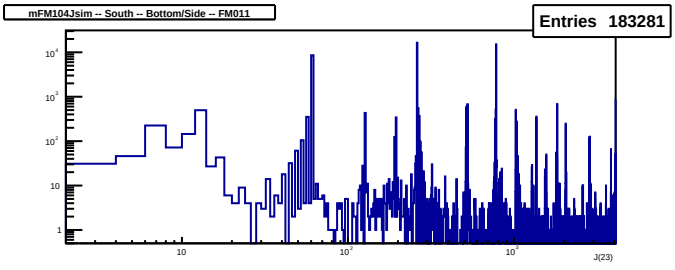

mFM104JP -- South -- Top -- FM010
Entries 1255896

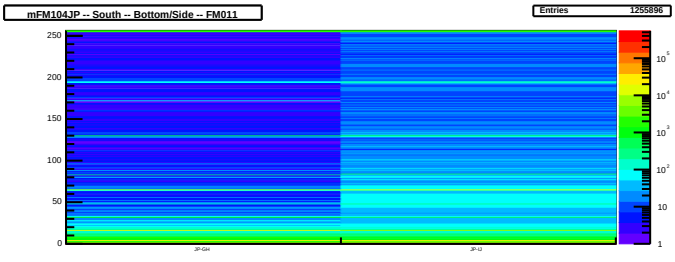

mFM104JPsim -- South -- Top -- FM010
Entries 631945

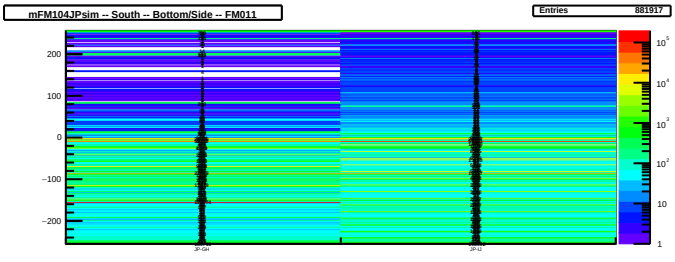

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2511792

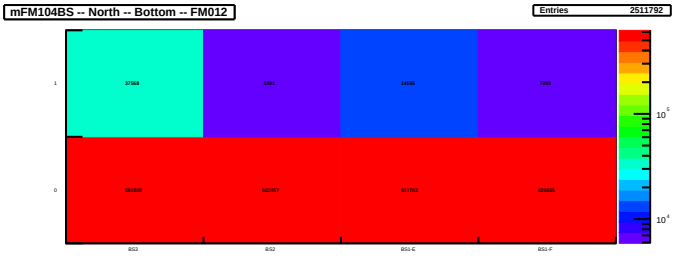

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1102018

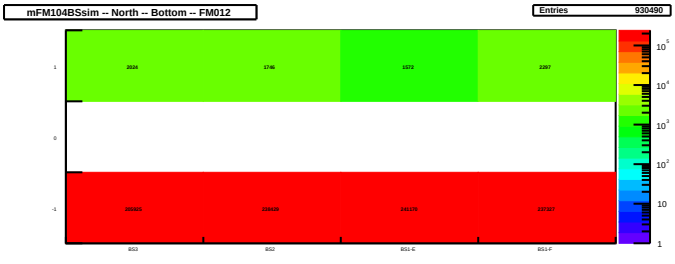

mFM104J -- South -- Bottom/Side -- FM011
Entries 627948
J(23)

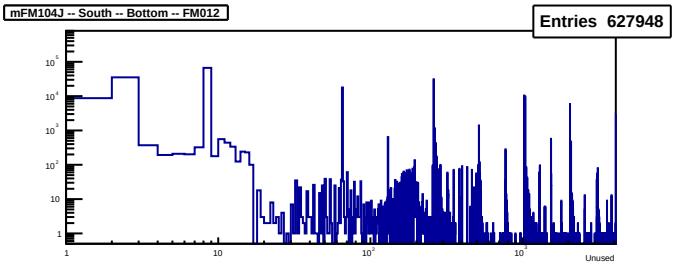

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 183281
J(23)

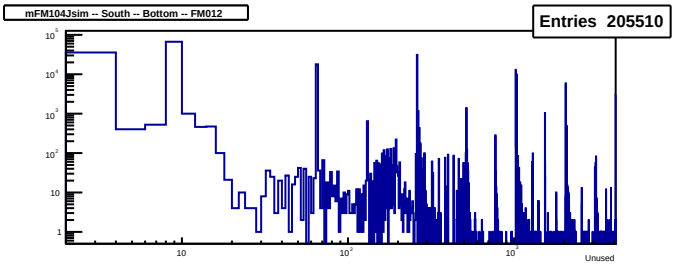

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1255896

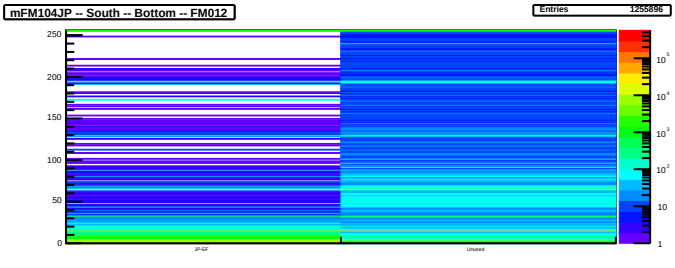

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 881917

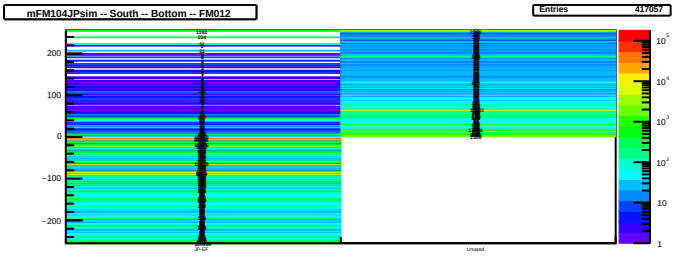

mFM104BS -- North -- Bottom -- FM012
Entries 2511792

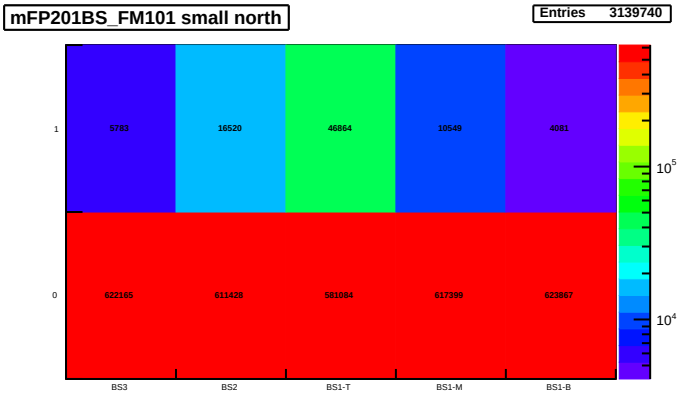

mFM104BSsim -- North -- Bottom -- FM012
Entries 930490

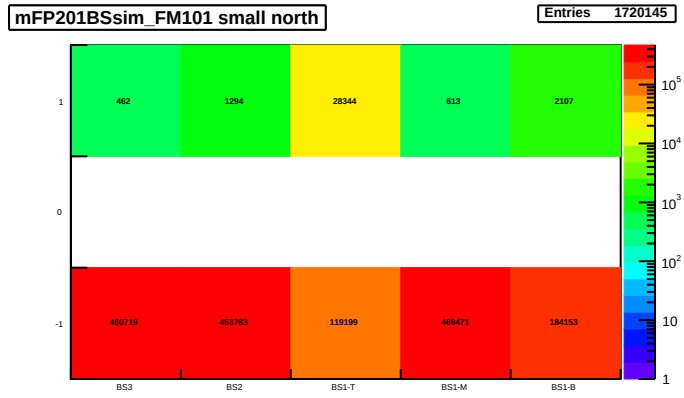

mFM104J -- South -- Bottom -- FM012
Entries 627948
Unused

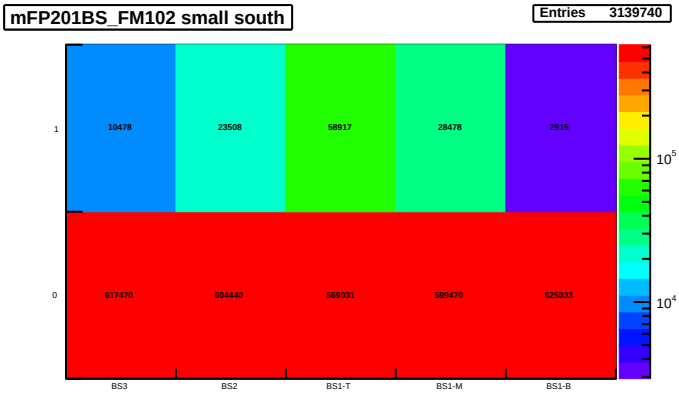

mFM104Jsim -- South -- Bottom -- FM012
Entries 205510
Unused

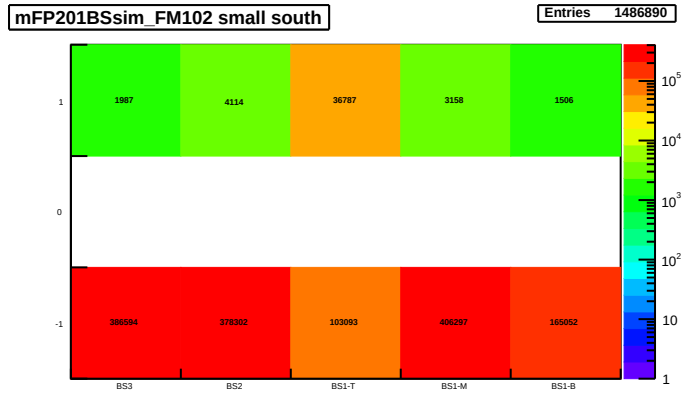

mFM104JP -- South -- Bottom -- FM012
Entries 1255896

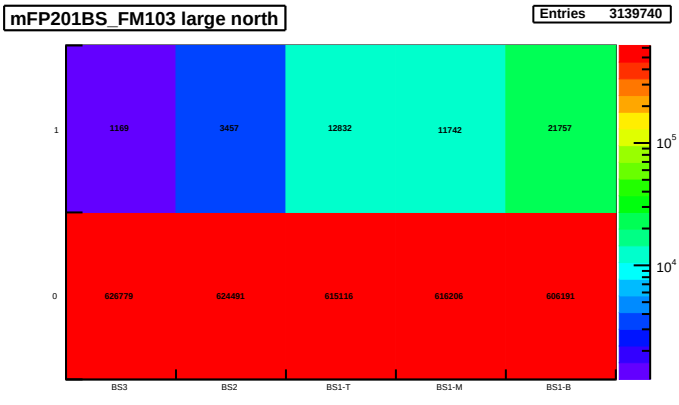

mFM104JPsim -- South -- Bottom -- FM012
Entries 417057

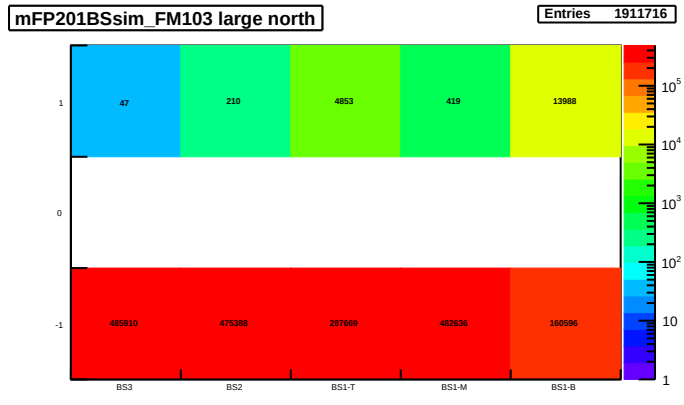

mFP201BS_FM101 small north
Entries 3139740
5783
16520
46864
10549
4081
622165
611428
581084
617399
623867
BS3
BS2
BS1-T
BS1-M
BS1-B

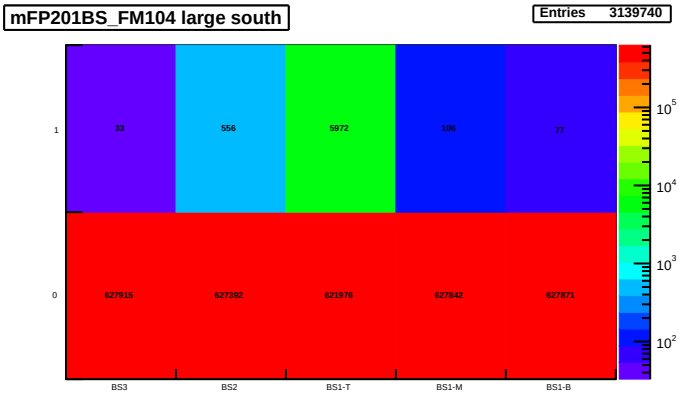

mFP201BSsim_FM101 small north
Entries 1720145
462
1294
28344
613
2107
460719
453783
119199
469471
184153
BS3
BS2
BS1-T
BS1-M
BS1-B

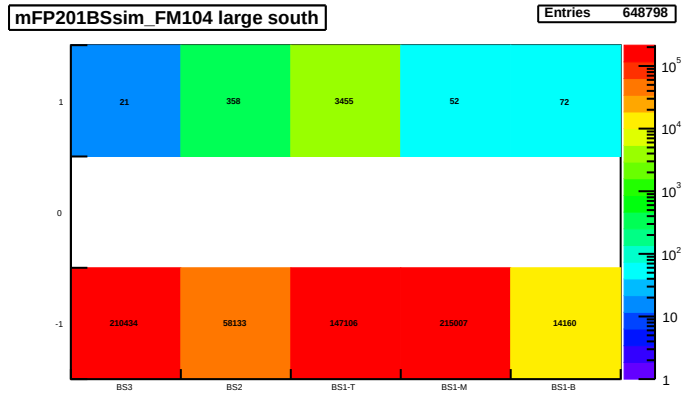

mFP201BS_FM102 small south
Entries 3139740
10478
23508
58917
28478
2915
617470
604440
569031
599470
625033
BS3
BS2
BS1-T
BS1-M
BS1-B

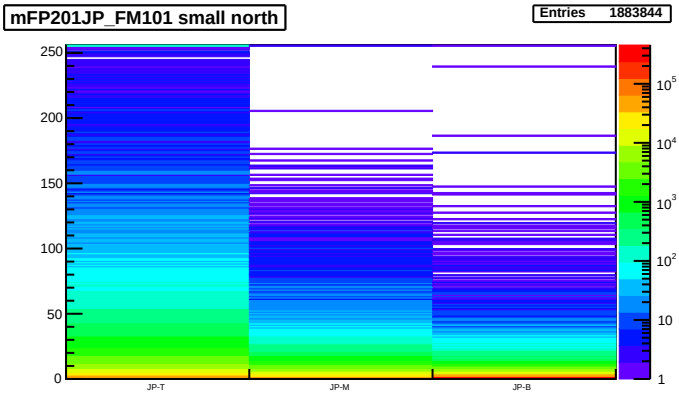

mFP201BSsim_FM102 small south
Entries 1486890
1987
4114
36787
3158
1506
386594
378302
103093
406297
165052
BS3
BS2
BS1-T
BS1-M
BS1-B

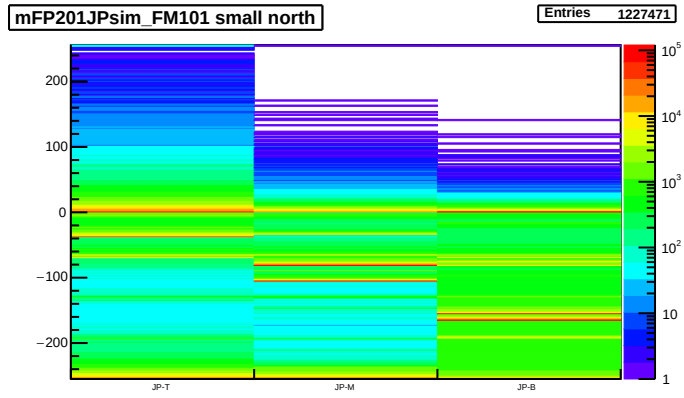

mFP201BS_FM103 large north
Entries 3139740
1169
3457
12832
11742
21757
626779
624491
615116
616206
606191
BS3
BS2
BS1-T
BS1-M
BS1-B

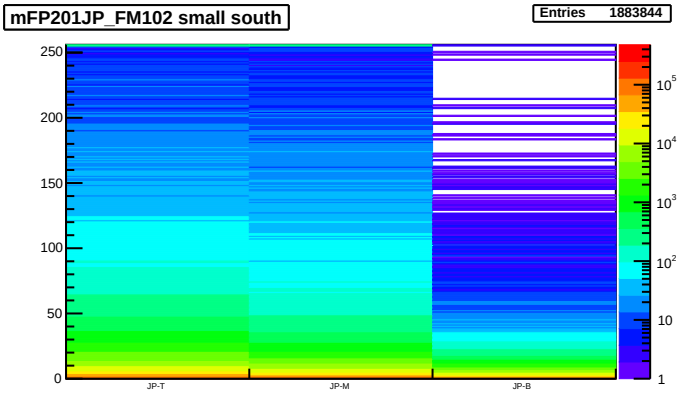

mFP201BSsim_FM103 large north
Entries 1911716
47
210
4853
419
13988
485910
475388
287669
482636
160596
BS3
BS2
BS1-T
BS1-M
BS1-B

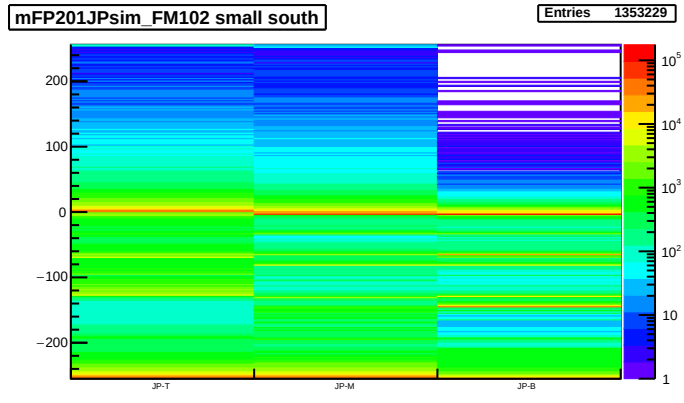

mFP201BS_FM104 large south
Entries 3139740
33
556
5972
106
77
627915
627392
621976
627842
627871
BS3
BS2
BS1-T
BS1-M
BS1-B

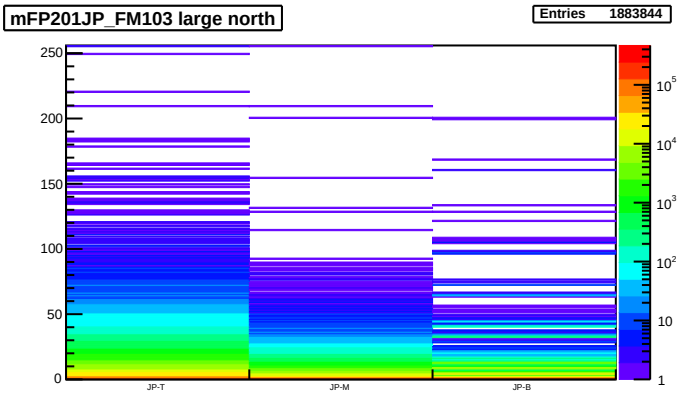

mFP201BSsim_FM104 large south
Entries 648798
21
358
3455
52
72
210434
58133
147106
215007
14160
BS3
BS2
BS1-T
BS1-M
BS1-B

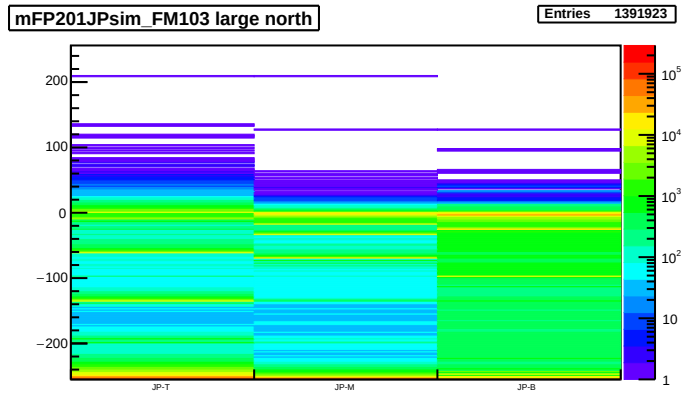

mFP201JP_FM101 small north
Entries 1883844
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

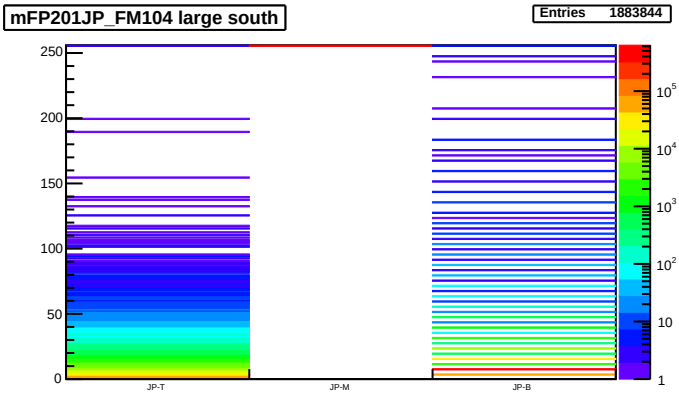

mFP201JPsim_FM101 small north
Entries 1227471
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

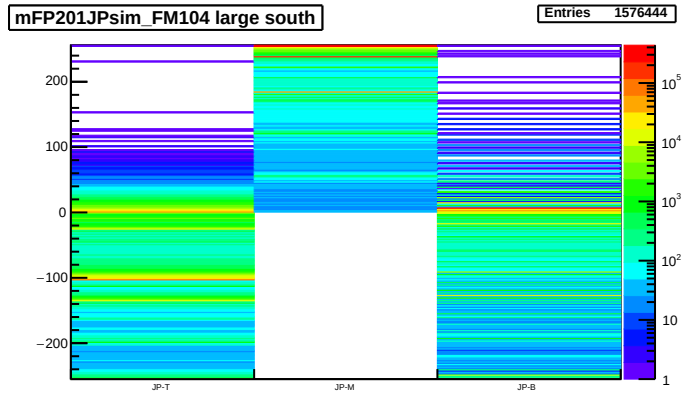

mFP201JP_FM102 small south
Entries 1883844
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

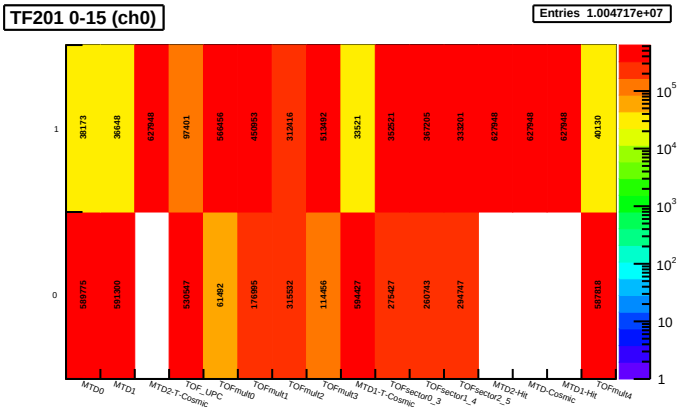

mFP201JPsim_FM102 small south
Entries 1353229
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

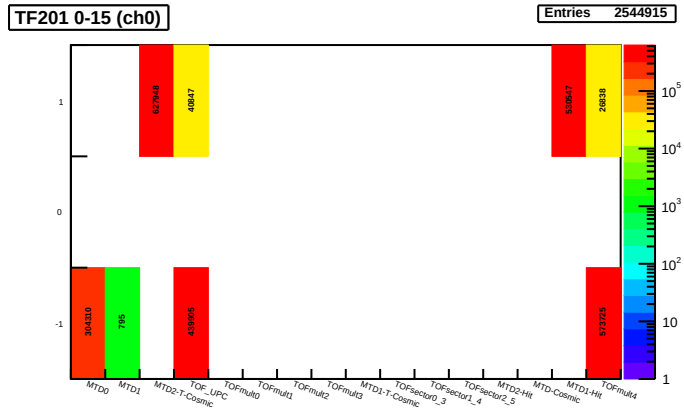

mFP201JP_FM103 large north
Entries 1883844
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

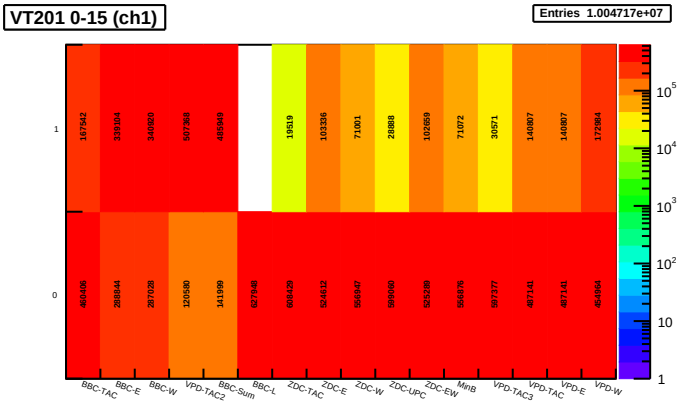

mFP201JPsim_FM103 large north
Entries 1391923
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

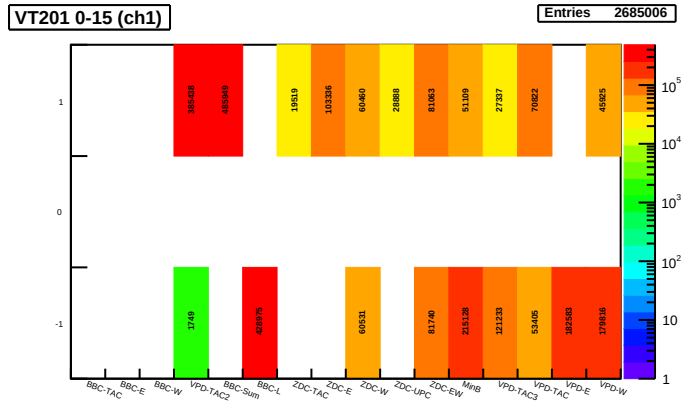

mFP201JP_FM104 large south
Entries 1883844
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

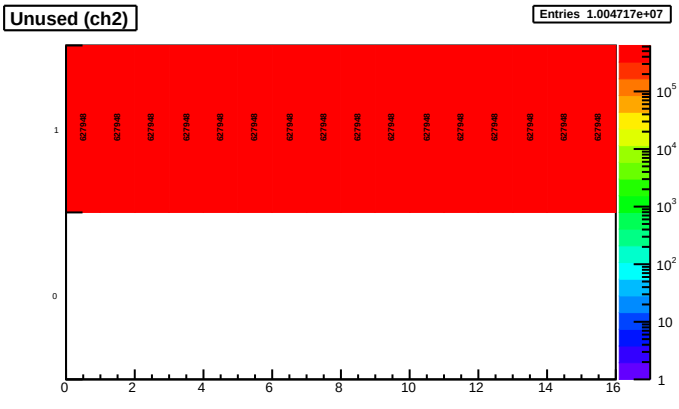

mFP201JPsim_FM104 large south
Entries 1576444
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

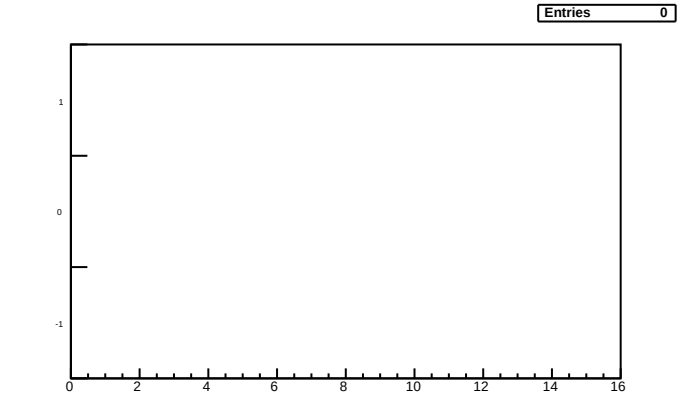

TF201 0-15 (ch0)
Entries 1.004717e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

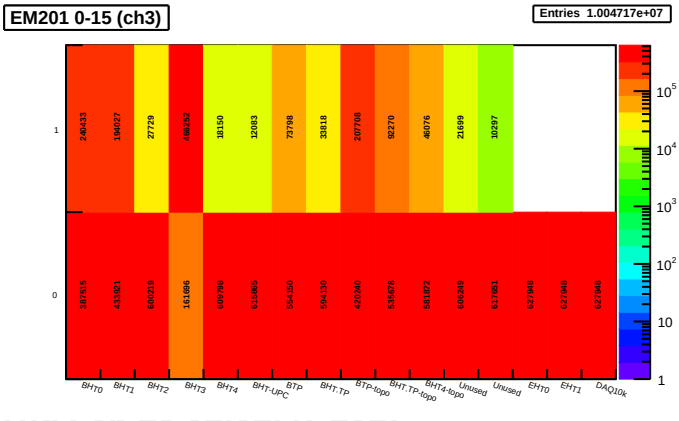

TF201 0-15 (ch0)
Entries 2544915
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

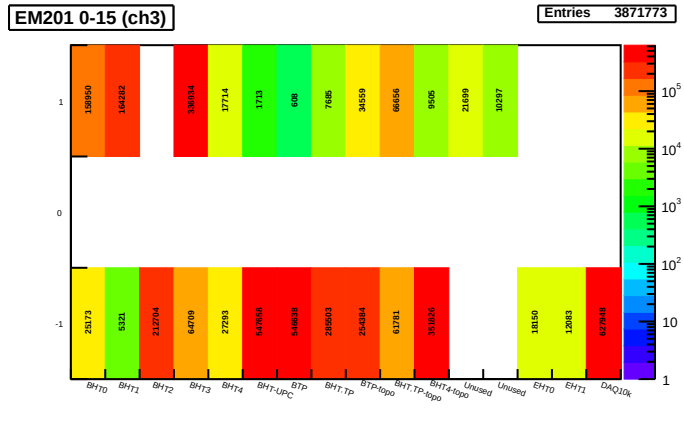

VT201 0-15 (ch1)
Entries 1.004717e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

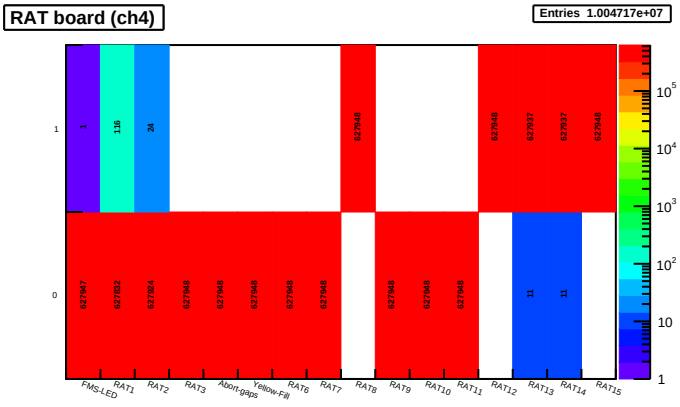

VT201 0-15 (ch1)
Entries 2685006
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

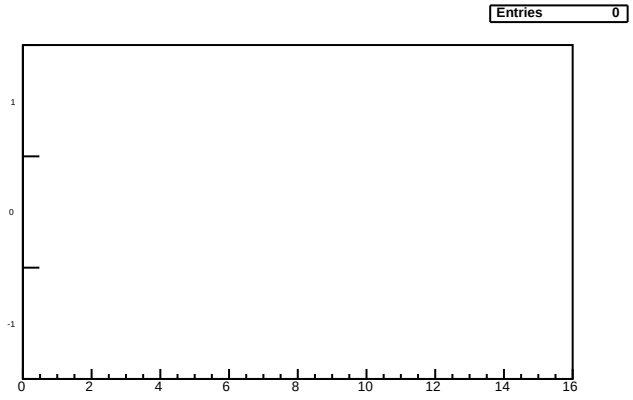

Unused (ch2)
Entries 1.004717e+07

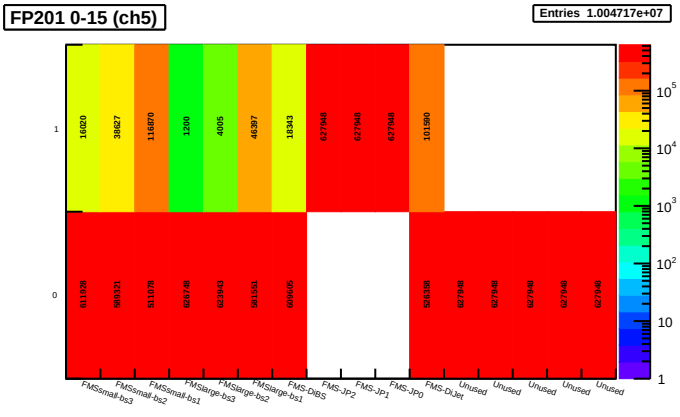

Entries 0


EM201 0-15 (ch3)
Entries 1.004717e+07
BH1T0 BH1T1 BH1T2 BH1T3 BH1T4 BH1T-UPC BTP BH1T.TP BTP-topo BH1T.TP-topo BH1T4-topo Unused Unused EH1T0 EH1T1 DAQ10k


EM201 0-15 (ch3)
Entries 3871773
BH1T0 BH1T1 BH1T2 BH1T3 BH1T4 BH1T-UPC BTP BH1T.TP BTP-topo BH1T.TP-topo BH1T4-topo Unused Unused EH1T0 EH1T1 DAQ10k


RAT board (ch4)
Entries 1.004717e+07
1
0
1
116
24
627948
627948
627937
627937
627948
627947
627932
627924
627948
627948
627948
627948
627948
627948
627948
627948
11
11
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15
10^5
10^4
10^3
10^2
10
1


Entries 0
1
0
-1
0
2
4
6
8
10
12
14
16


FP201 0-15 (ch5)
Entries 1.004717e+07
1
0
16020
38627
116870
1200
4005
46397
18343
627948
627948
627948
101590
611928
589321
511078
626748
620943
501531
609605
526358
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FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
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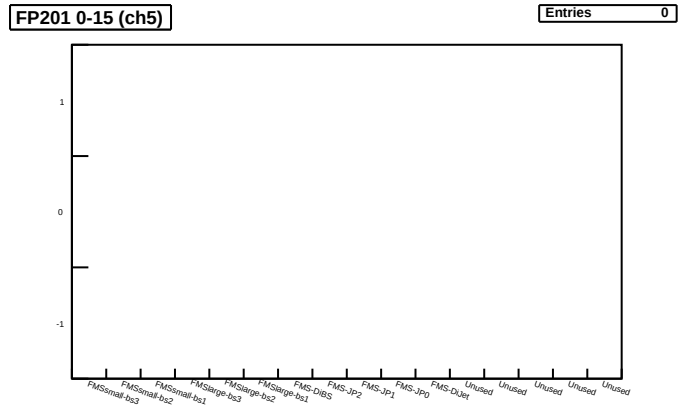
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FMS-Dijet
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Unused
Unused
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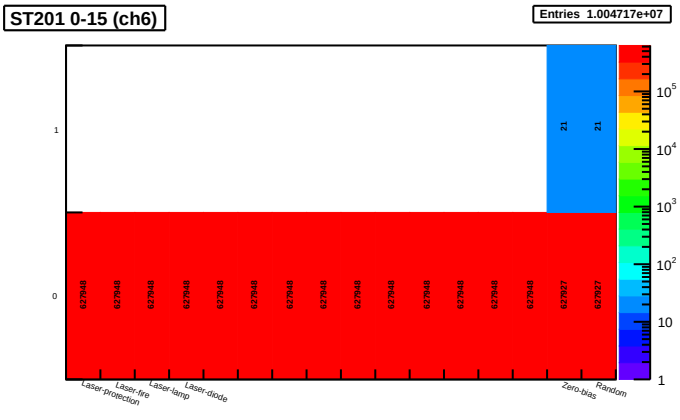
Unused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Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random
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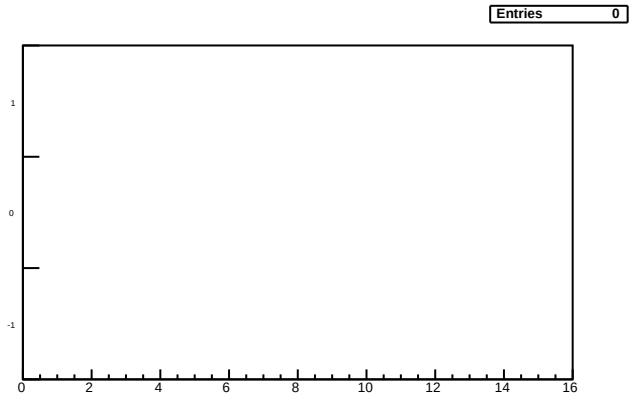
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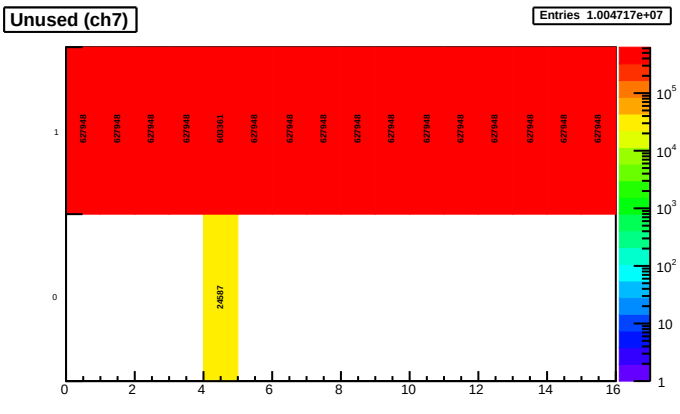
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10
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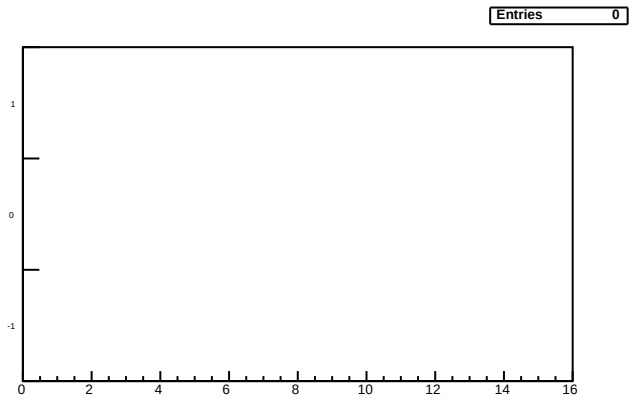
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