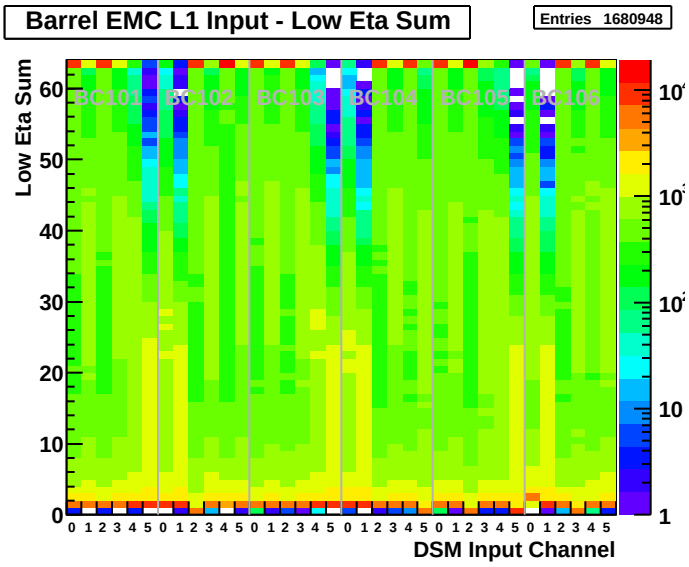
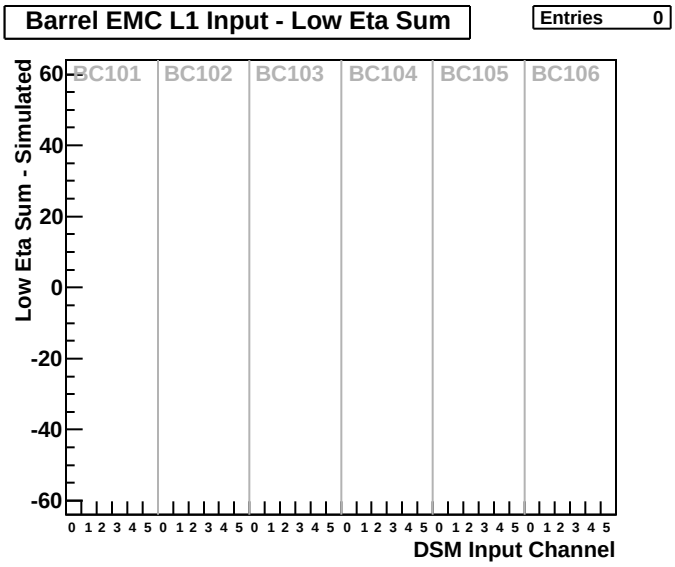
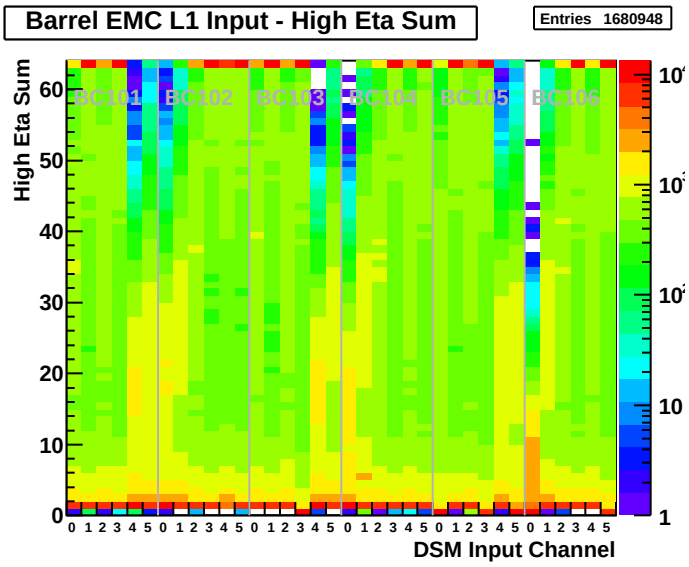
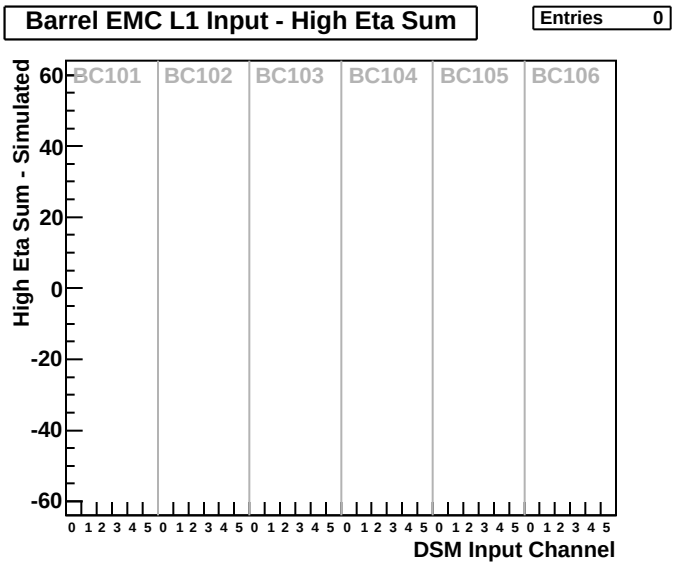
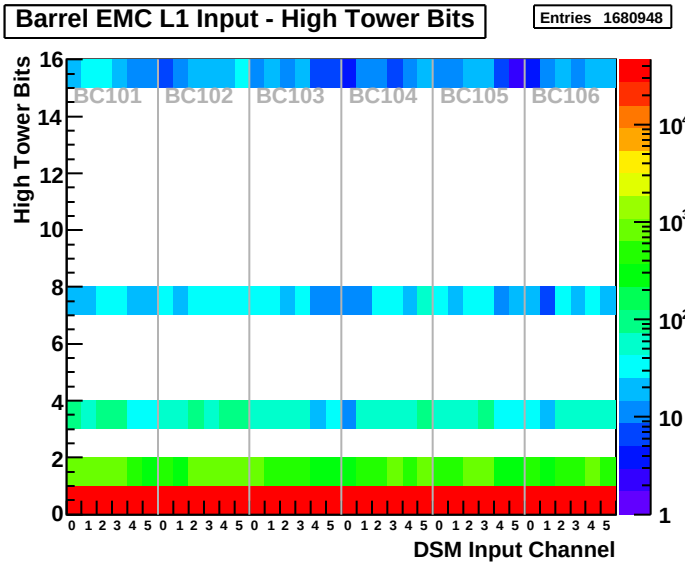
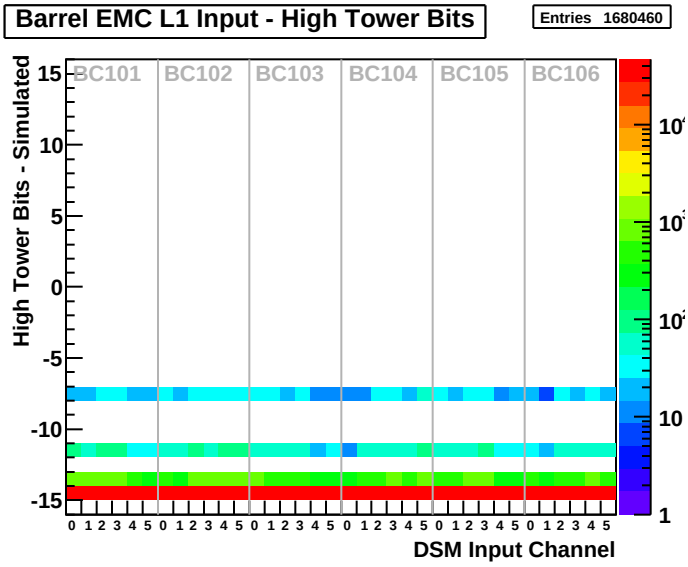

Barrel EMC L1 Input - Low Eta Sum
Entries 1680948
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

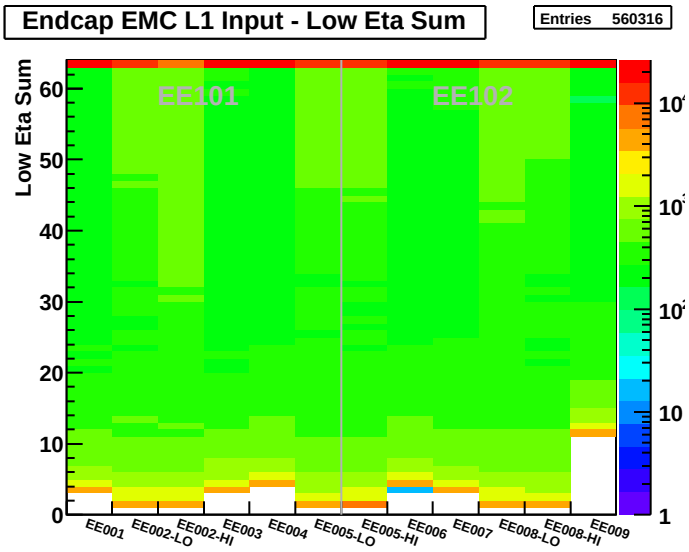

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

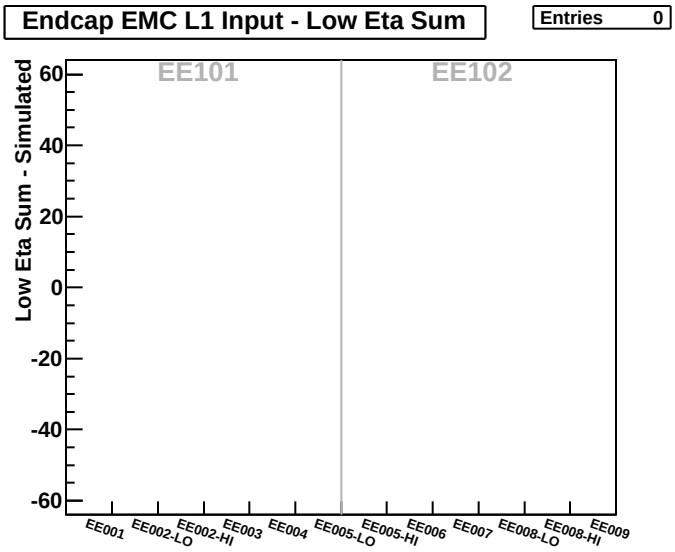

Barrel EMC L1 Input - High Eta Sum
Entries 1680948
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

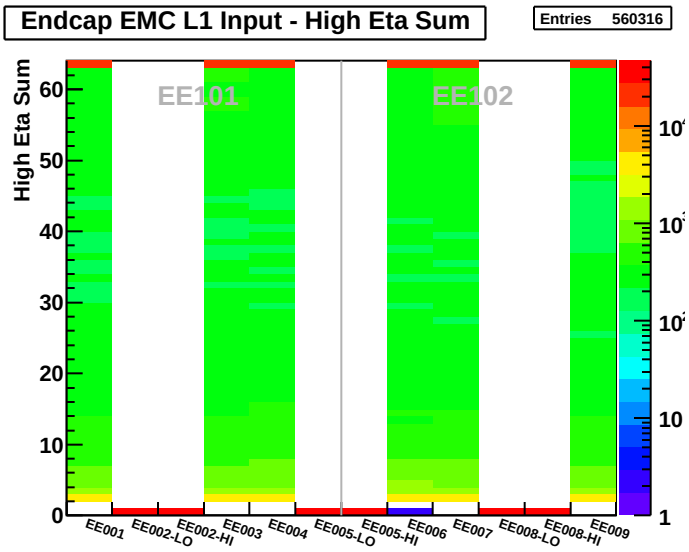

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

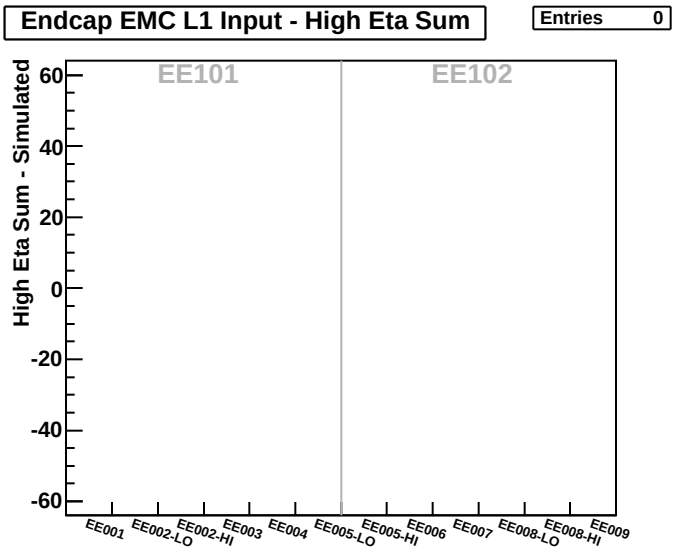

Barrel EMC L1 Input - High Tower Bits
Entries 1680948
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

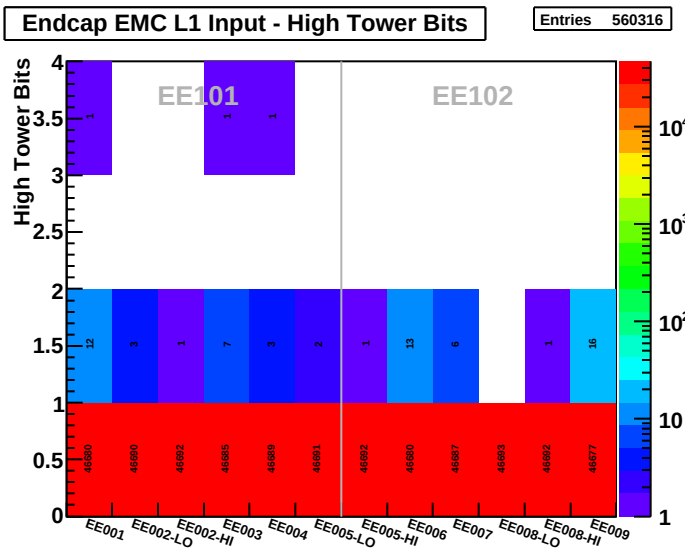

Barrel EMC L1 Input - High Tower Bits
Entries 1680460
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

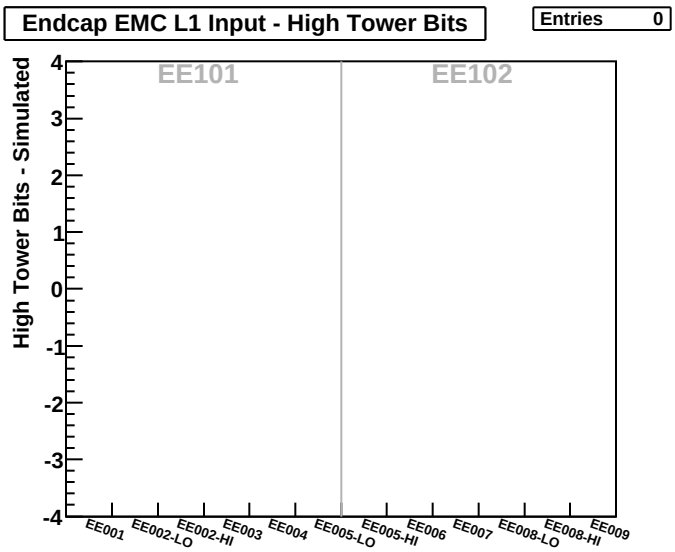

Endcap EMC L1 Input - Low Eta Sum
Entries 560316
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

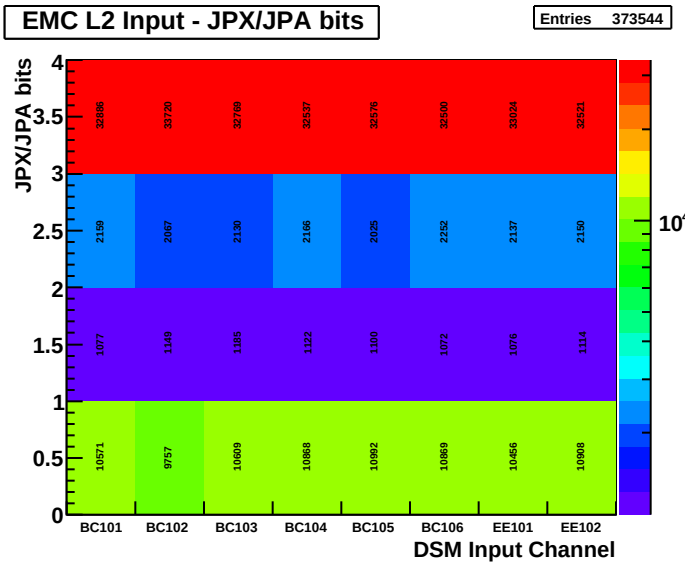

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

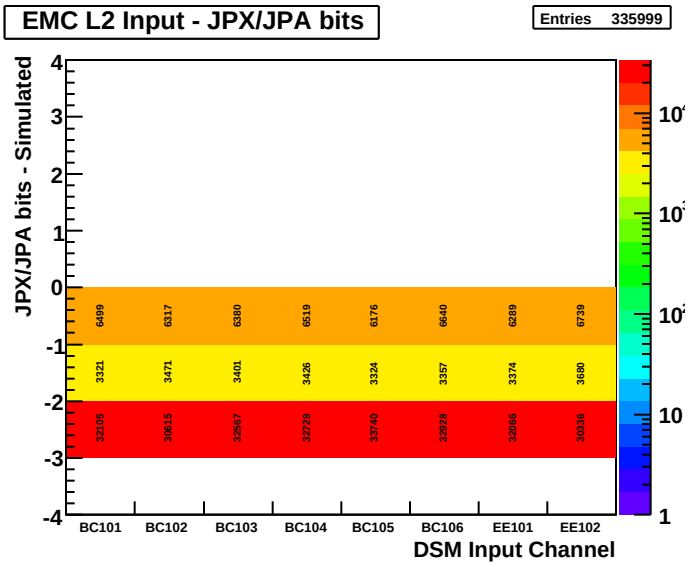

Endcap EMC L1 Input - High Eta Sum
Entries 560316
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

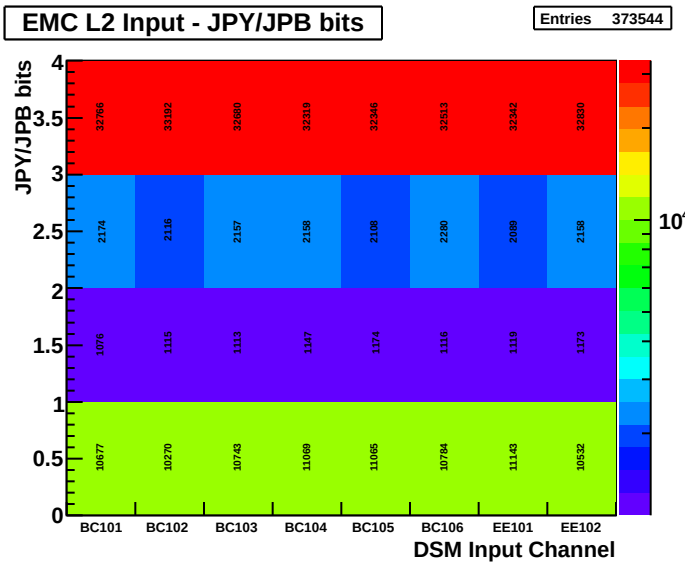

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

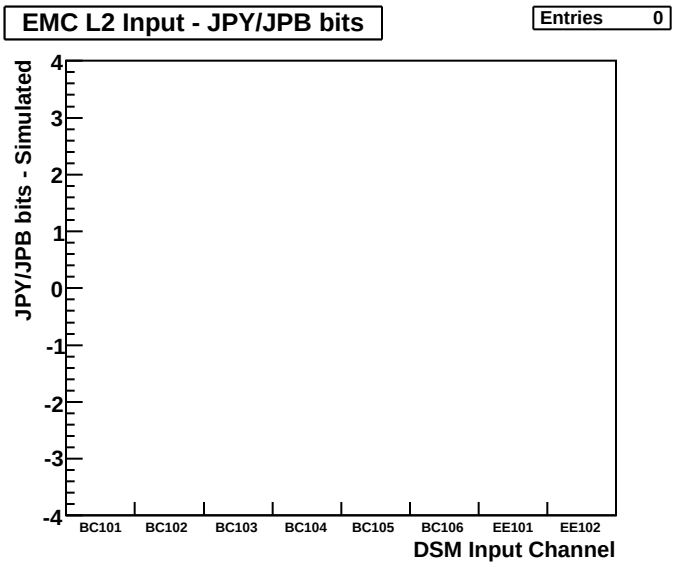

Endcap EMC L1 Input - High Tower Bits
Entries 560316
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

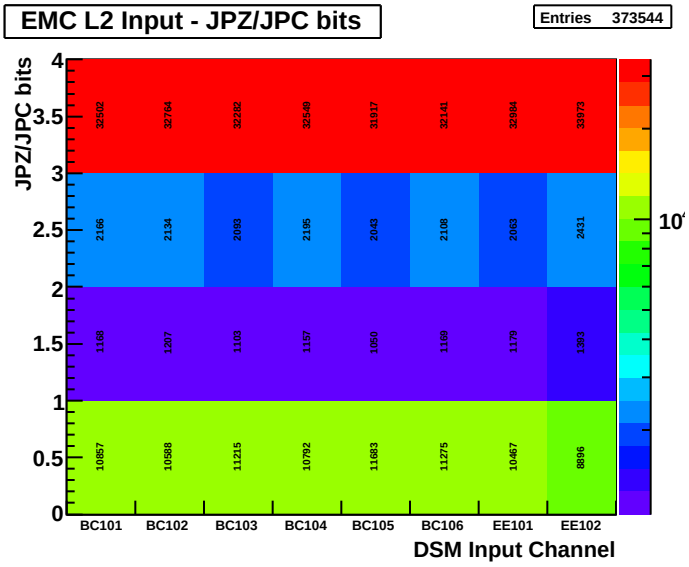

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

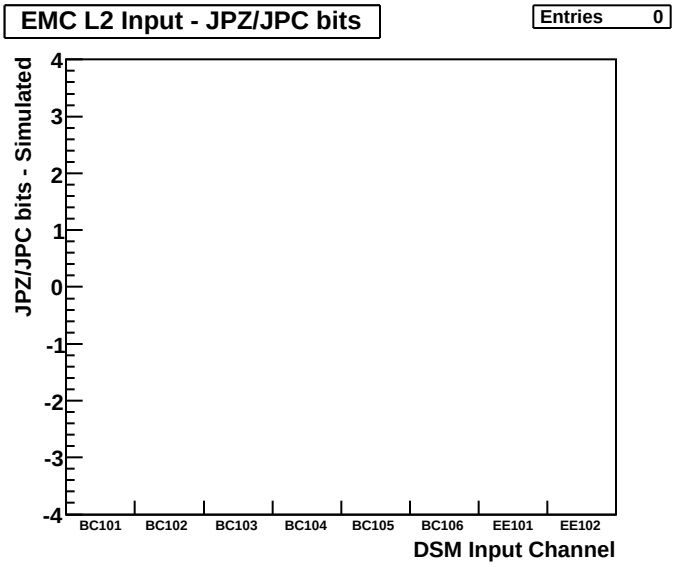

EMC L2 Input - JPX/JPA bits
Entries 373544
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
32686 33720 32769 32537 32576 32500 33024 32521
2159 2067 2130 2166 2025 2252 2137 2150
1077 1149 1185 1122 1100 1072 1076 1114
10571 9757 10609 10868 10992 10869 10456 10908

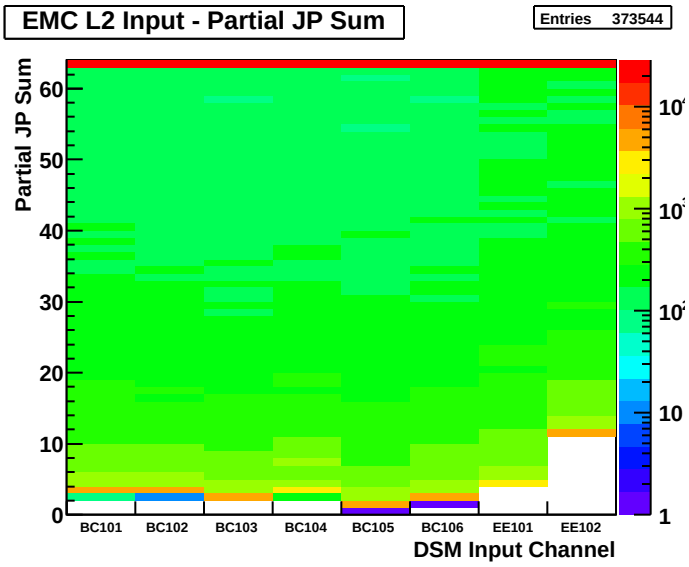

EMC L2 Input - JPX/JPA bits
Entries 335999
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
6499 6317 6380 6519 6176 6640 6289 6739
3321 3471 3401 3426 3324 3357 3374 3680
32105 30615 32567 32729 33740 32928 32066 30336

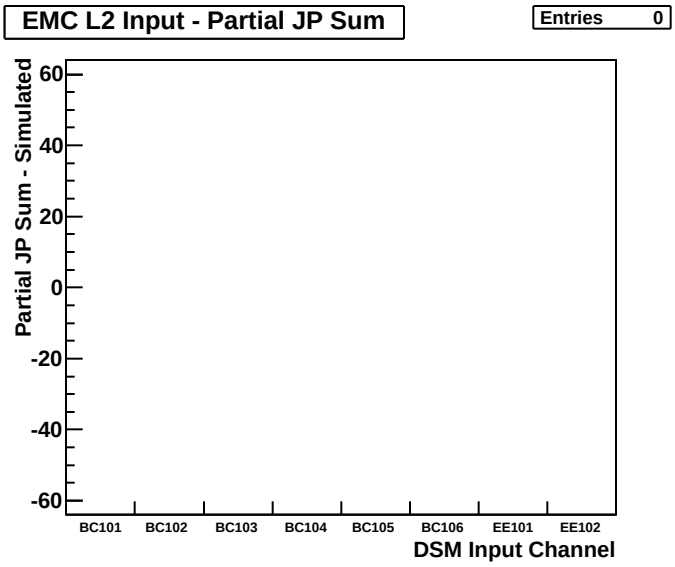

EMC L2 Input - JPY/JPB bits
Entries 373544
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
32766 33192 32680 32319 32346 32513 32342 32830
2174 2116 2157 2158 2108 2280 2089 2158
1076 1115 1113 1147 1174 1116 1119 1173
10677 10270 10743 11069 11065 10784 11143 10532

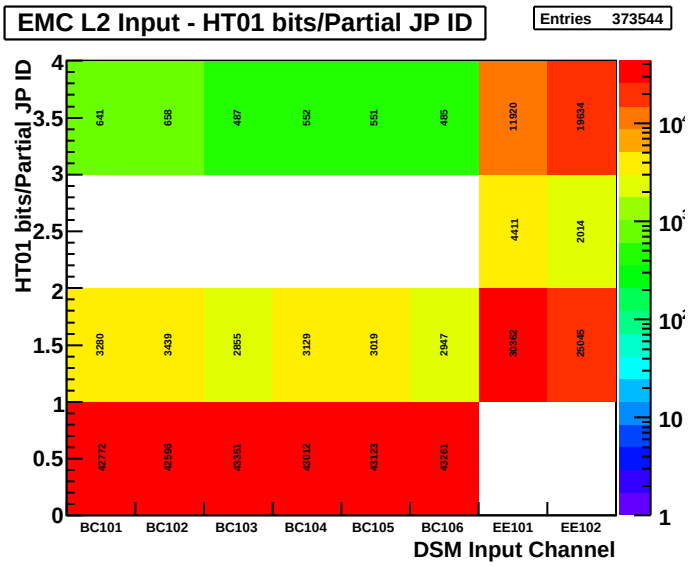

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

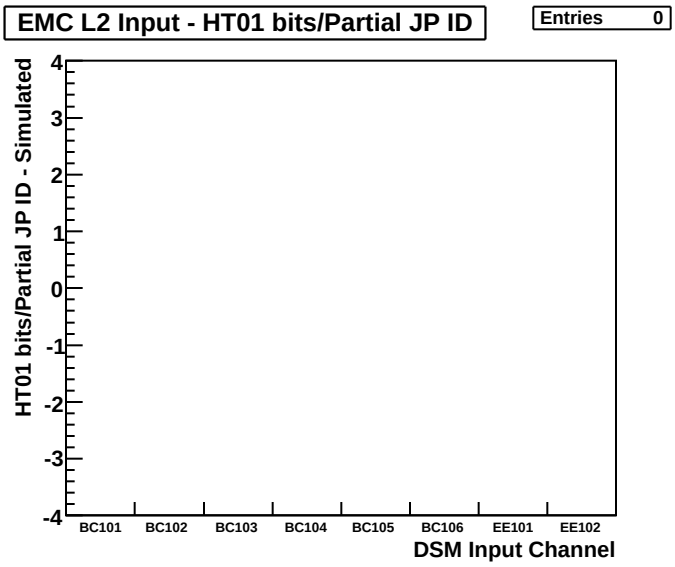

EMC L2 Input - JPZ/JPC bits
Entries 373544
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
32502 32764 32282 32540 31917 32141 32984 33973
2166 2134 2093 2195 2043 2108 2063 2431
1168 1207 1103 1157 1060 1169 1179 1393
10857 10588 11215 10792 11683 11275 10467 8896

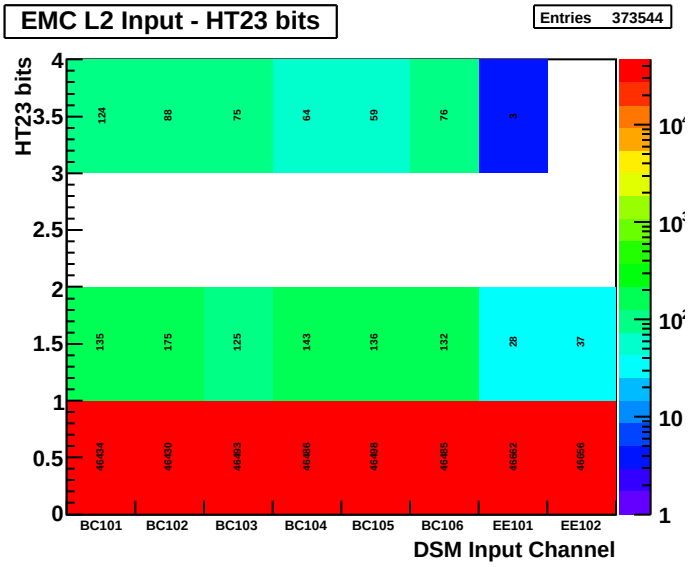

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

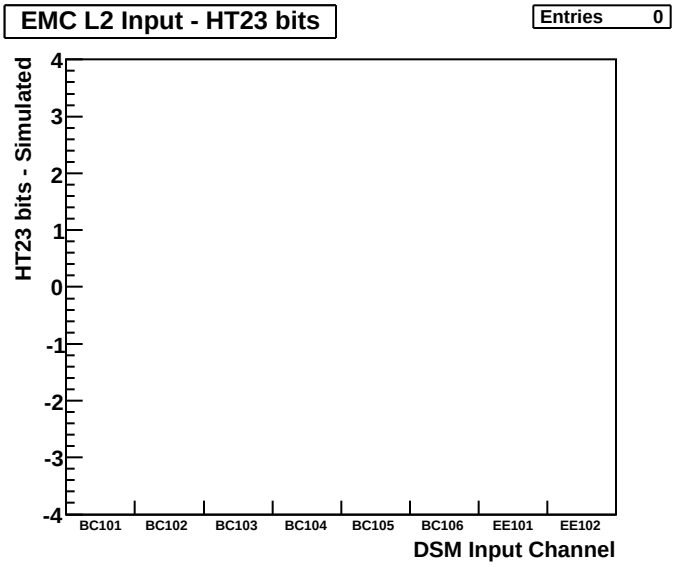

EMC L2 Input - Partial JP Sum
Entries 373544
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

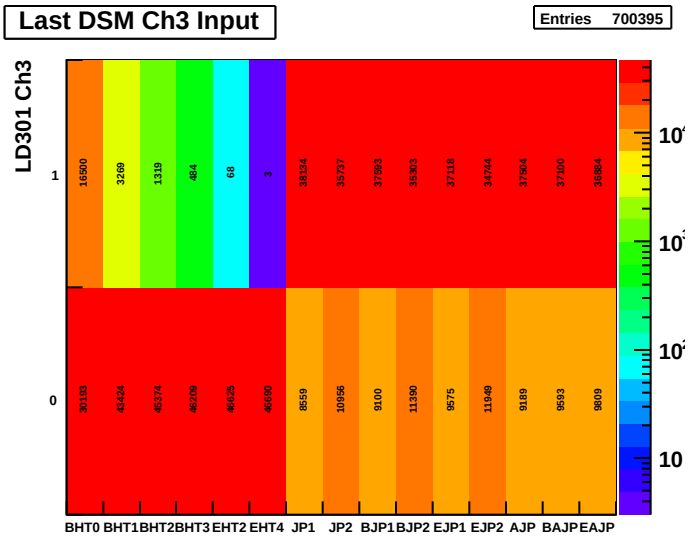

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

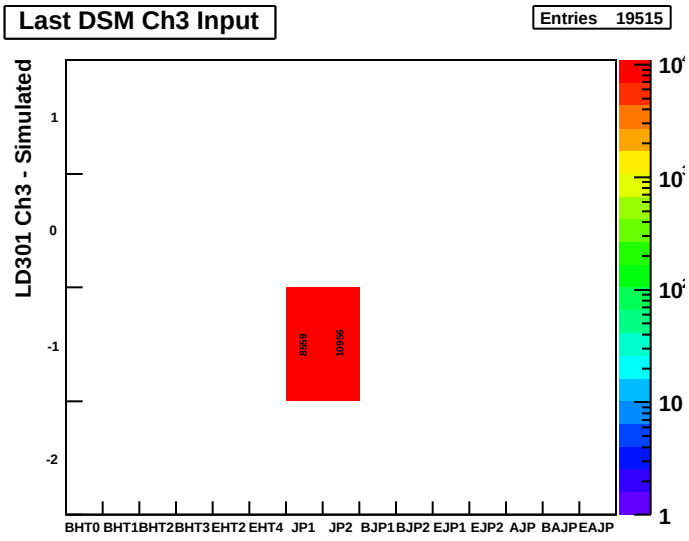

EMC L2 Input - HT01 bits/Partial JP ID
Entries 373544
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

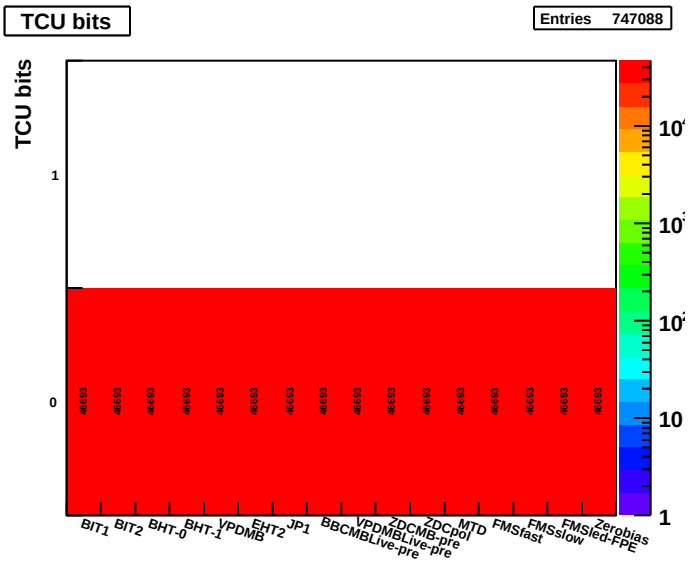

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

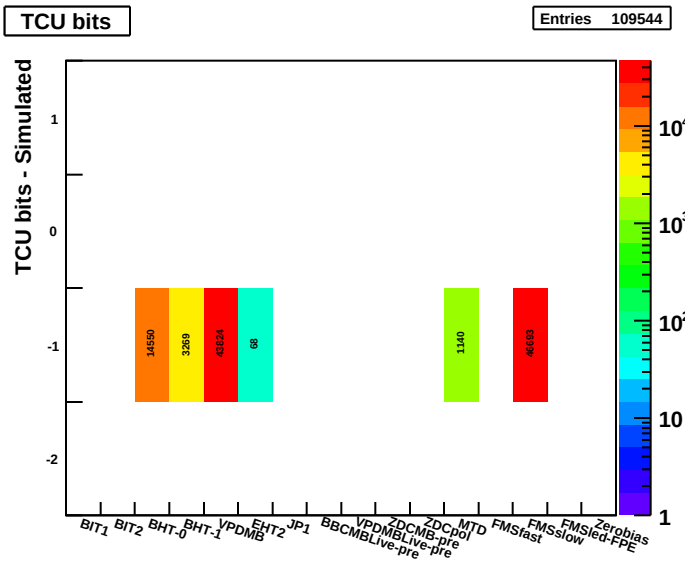

EMC L2 Input - HT23 bits
Entries 373544
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

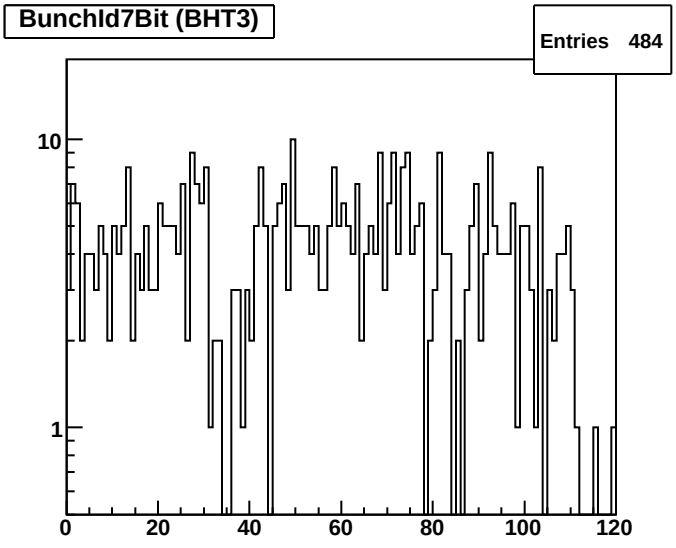

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

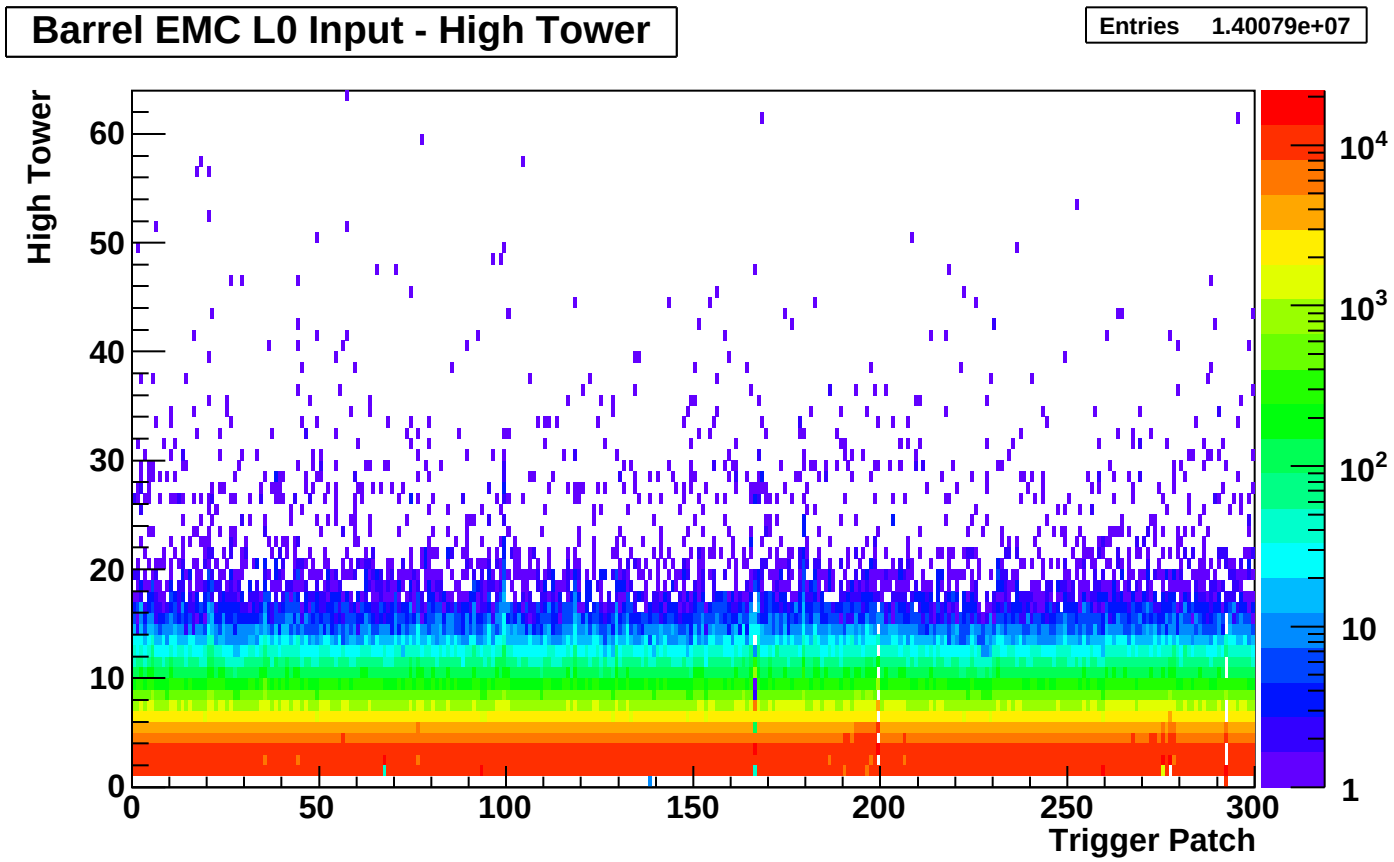

Last DSM Ch3 Input
Entries 700395
LD301 Ch3
1
0
16500
3269
1319
484
68
3
38134
35737
37593
35303
37118
34744
37504
37100
36884
30193
43424
45374
46209
46625
46690
8559
10956
9100
11390
9575
11949
9189
9593
9809
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

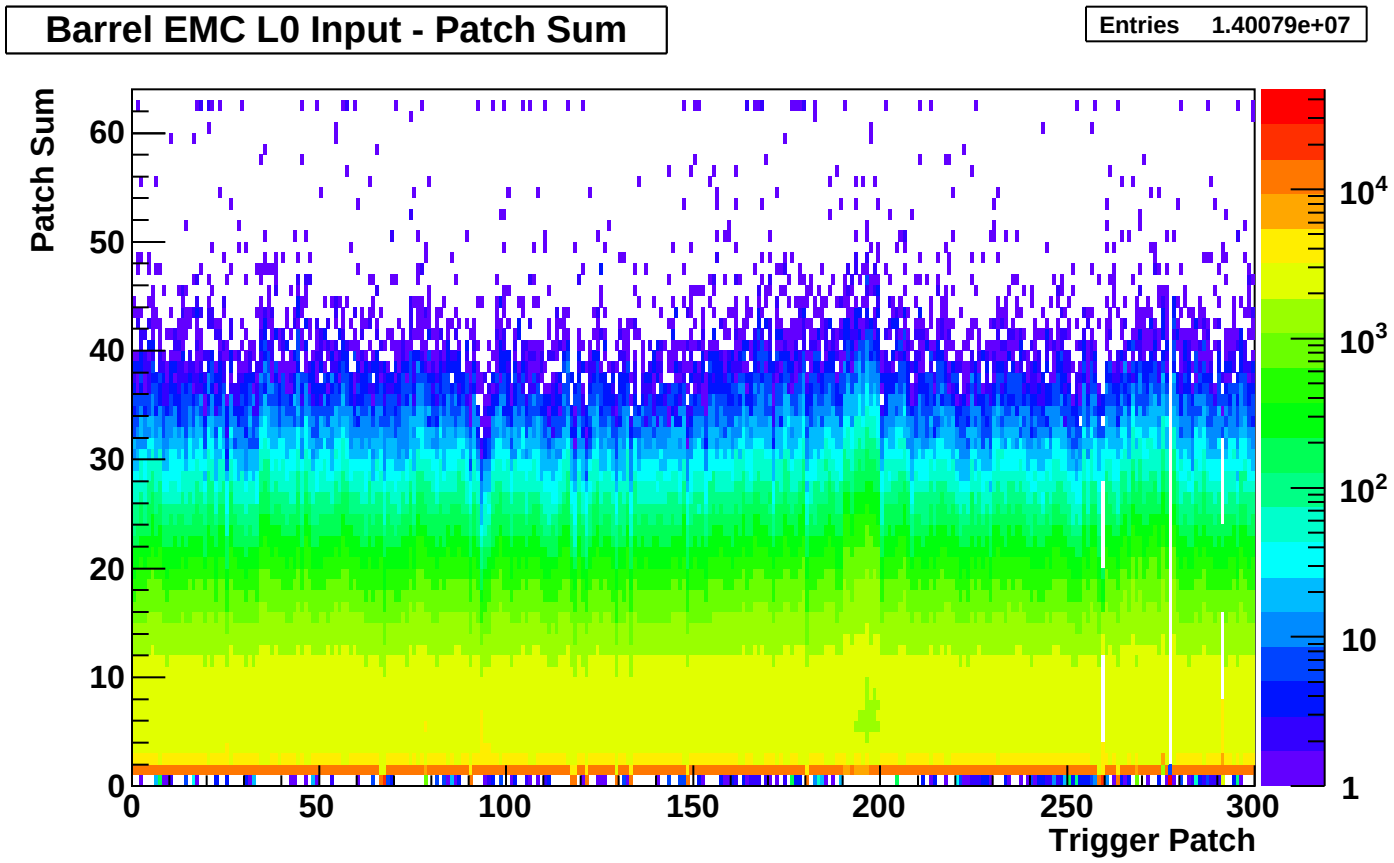

Last DSM Ch3 Input
Entries 19515
LD301 Ch3 - Simulated
1
0
-1
-2
8559
10956
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

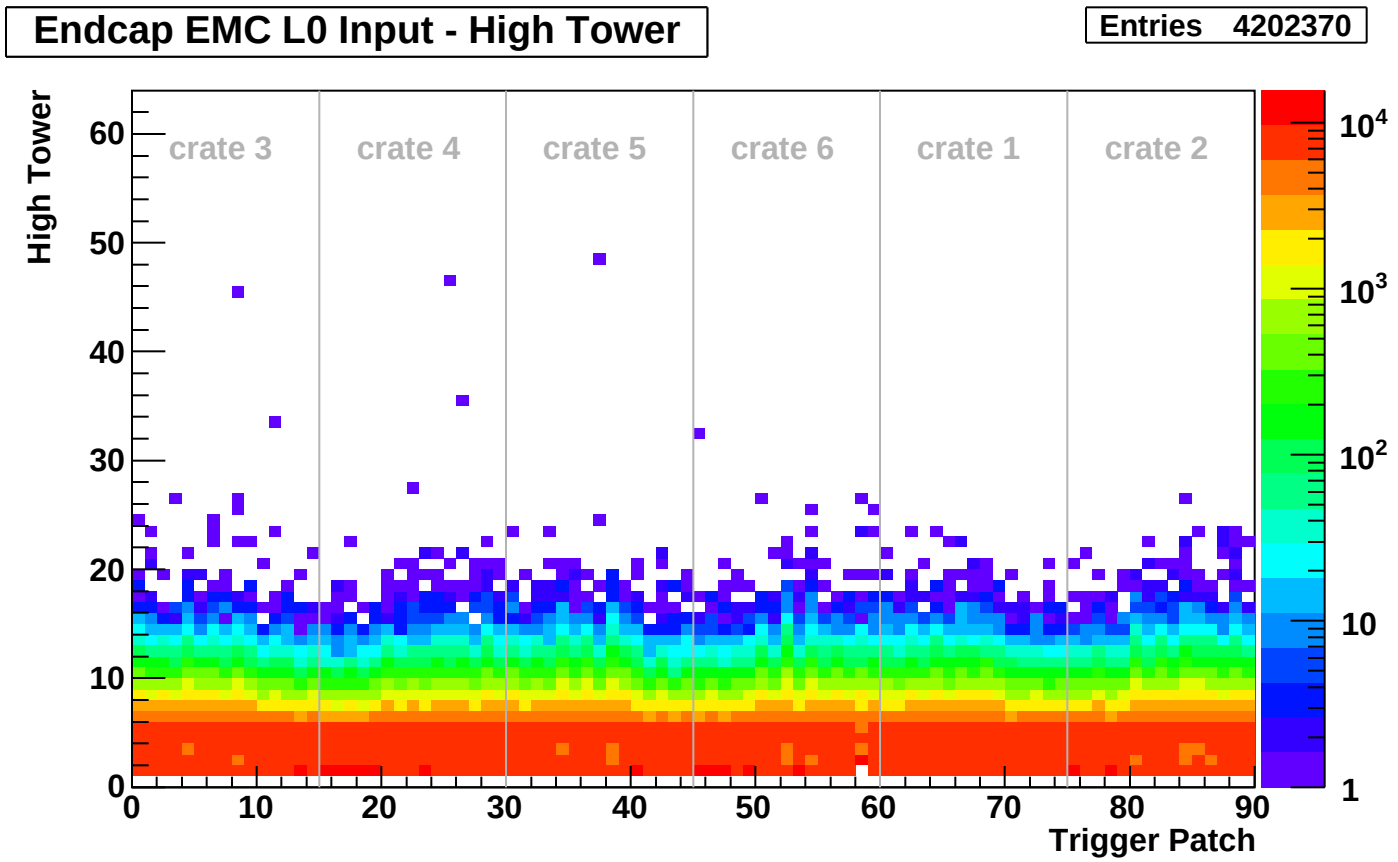

TCU bits
Entries 747088
TCU bits
1
0
46693
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

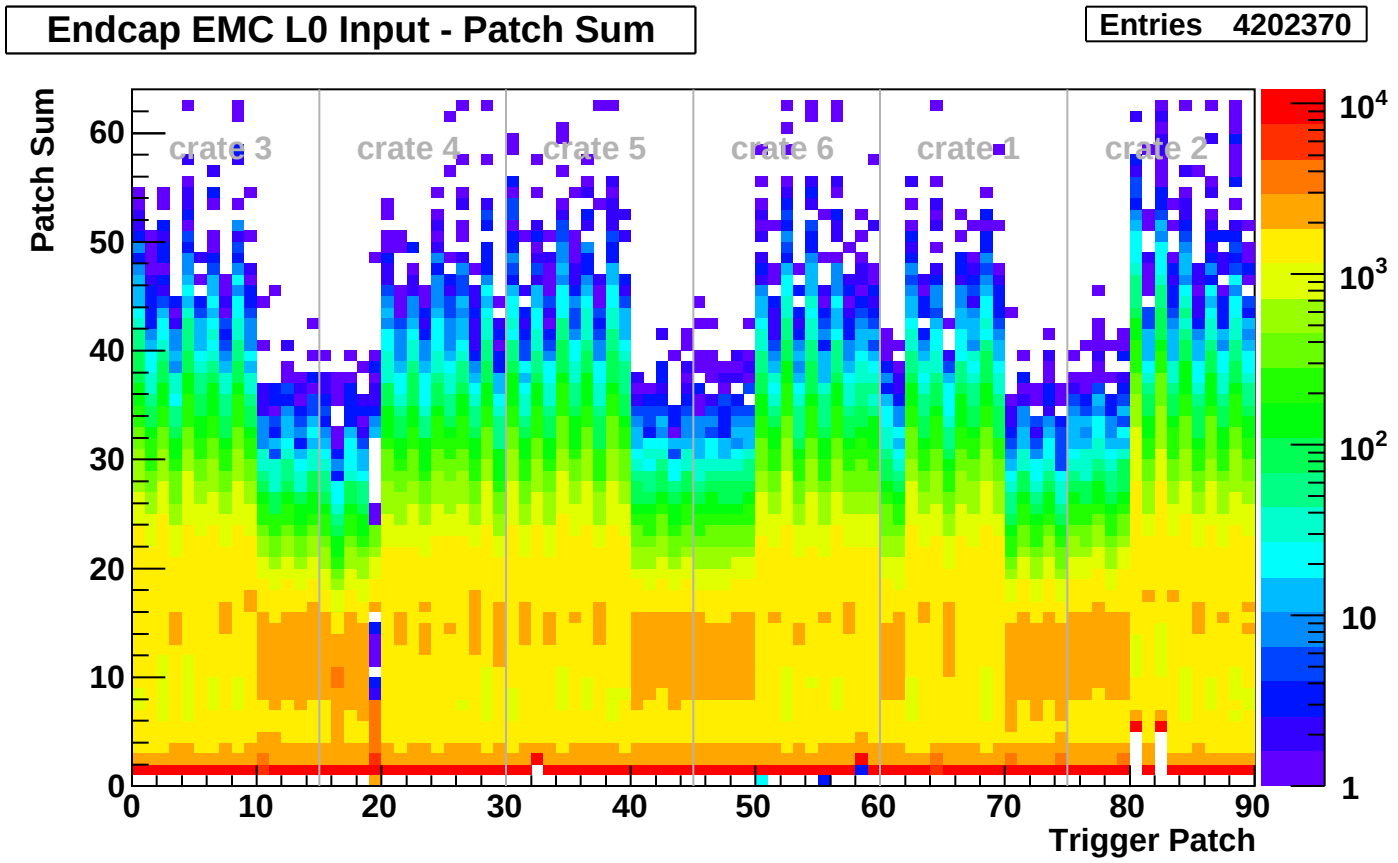

TCU bits
Entries 109544
TCU bits - Simulated
1
0
-1
-2
14550
3269
43824
68
1140
46693
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

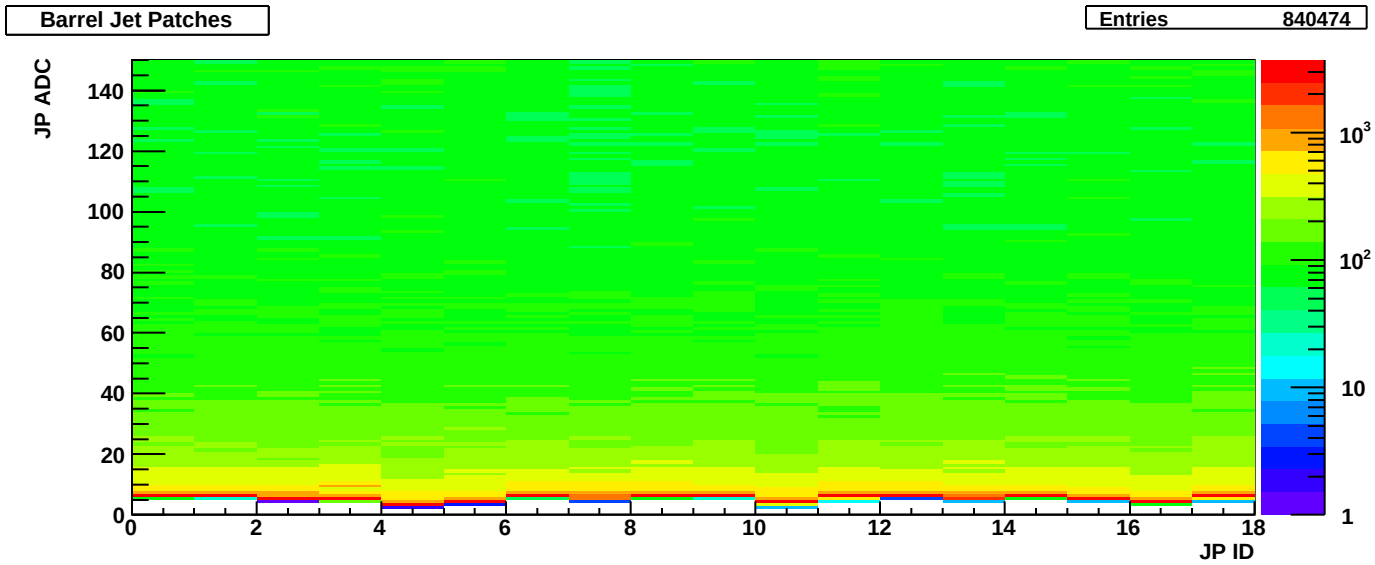

BunchId7Bit (BHT3)
Entries 484
10
1
0
20
40
60
80
100
120

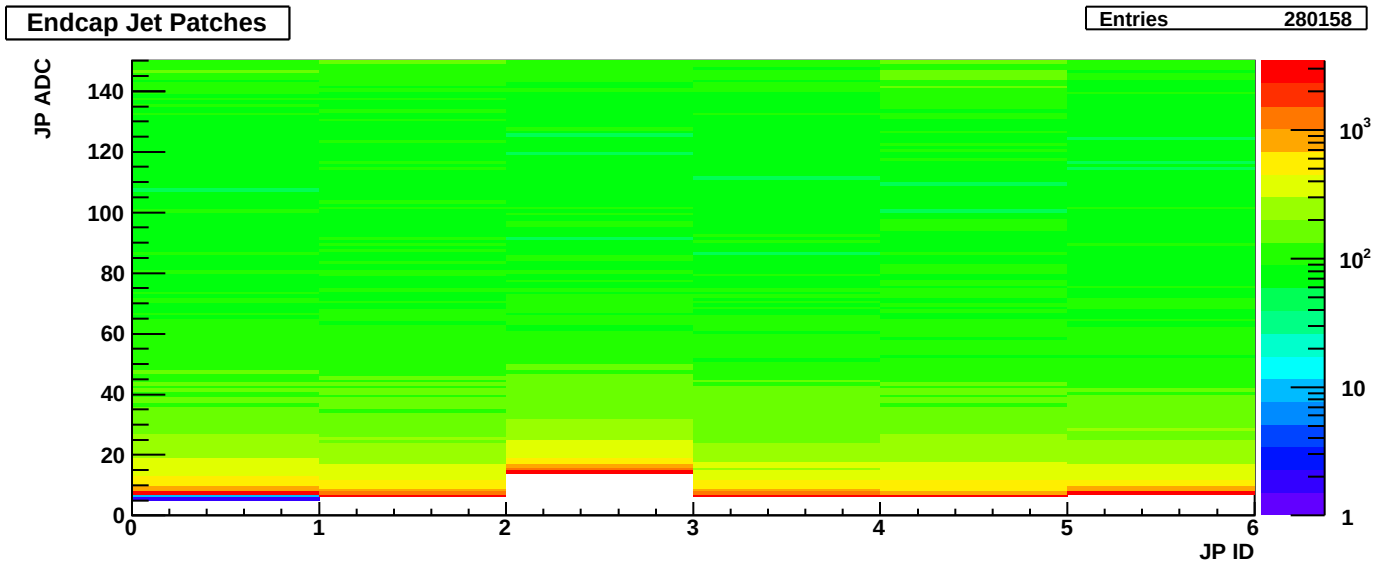

Barrel EMC L0 Input - High Tower
Entries 1.40079e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

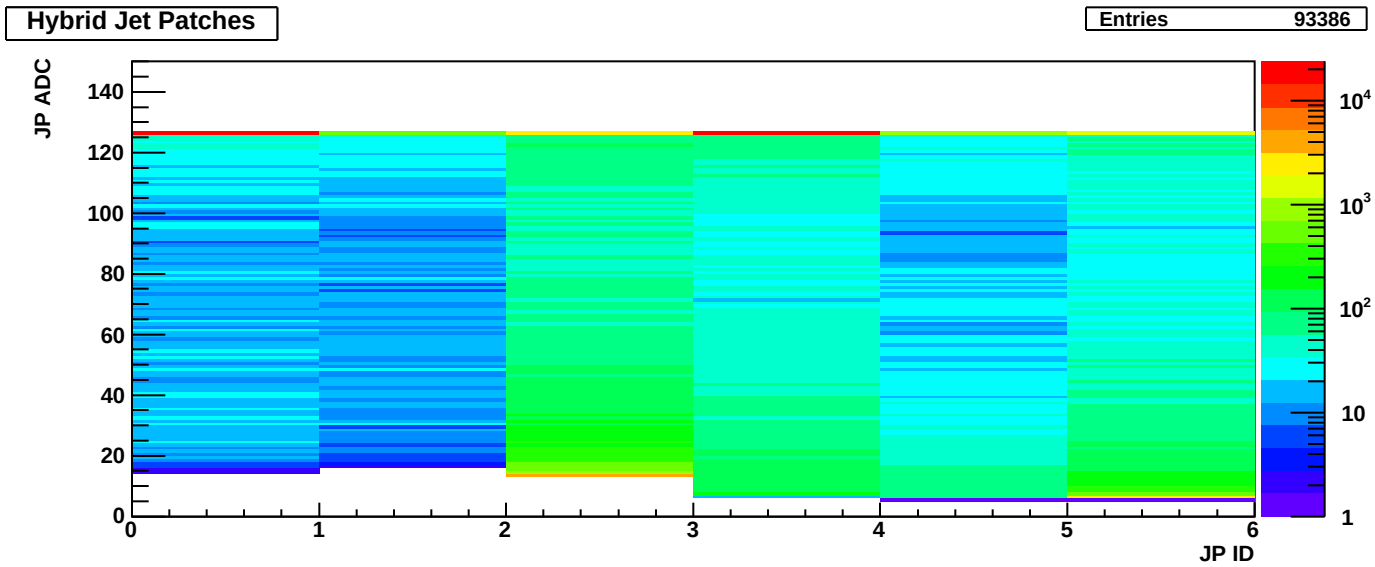

Barrel EMC L0 Input - Patch Sum
Entries 1.40079e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

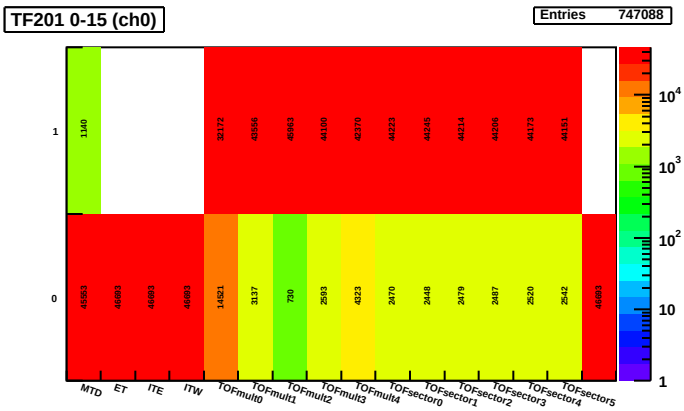

Endcap EMC L0 Input - High Tower
Entries 4202370
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

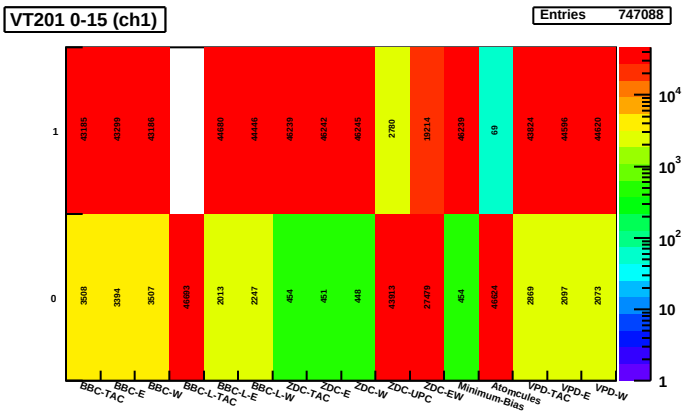

Endcap EMC L0 Input - Patch Sum
Entries 4202370
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

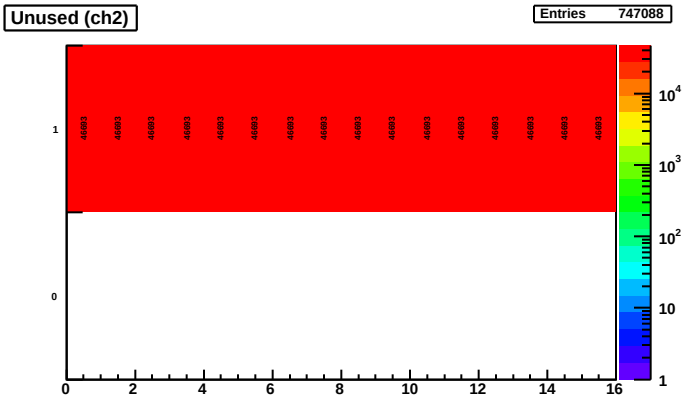

Barrel Jet Patches
Entries 840474
JP ADC
JP ID

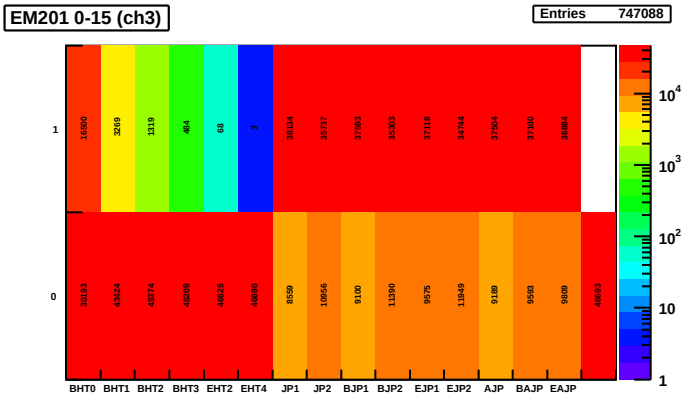

Endcap Jet Patches
Entries 280158
JP ADC
JP ID

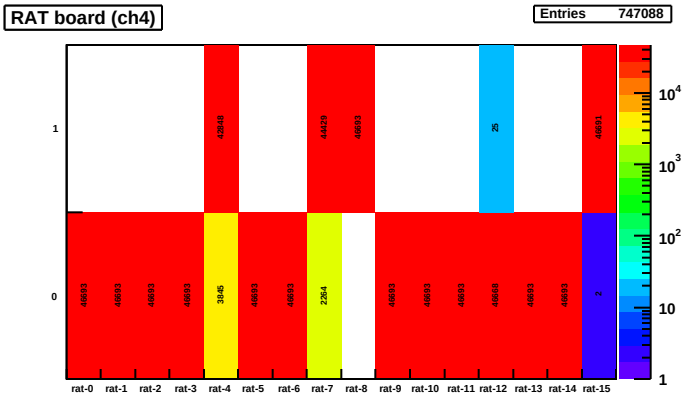

Hybrid Jet Patches
Entries 93386
JP ADC
JP ID

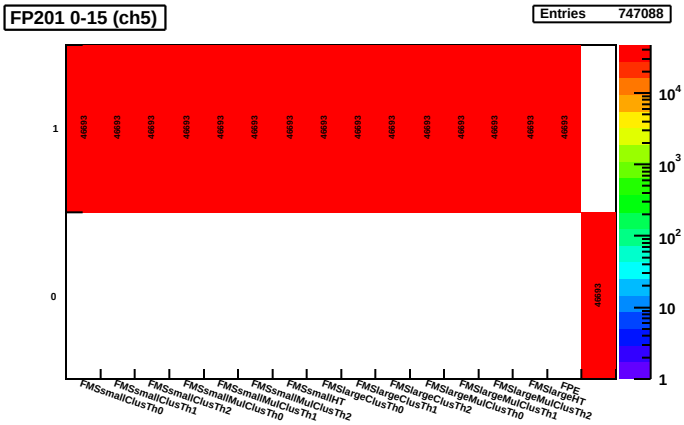

TF201 0-15 (ch0)
Entries 747088
MTD ET ITE ITW TOFmult0 TOFmult1 TOFmult2 TOFmult3 TOFmult4 TOFsector0 TOFsector1 TOFsector2 TOFsector3 TOFsector4 TOFsector5

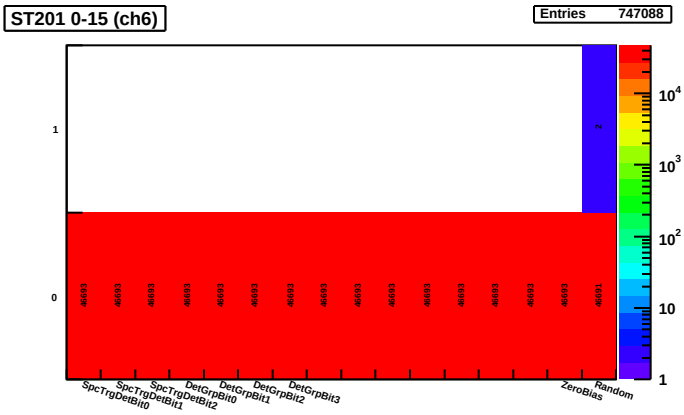

VT201 0-15 (ch1)
Entries 747088
BBC-TAC BBC-E BBC-W BBC-L-TAC BBC-L-E BBC-L-W ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW Minimum-Bias Atomcules VPD-TAC VPD-E VPD-W

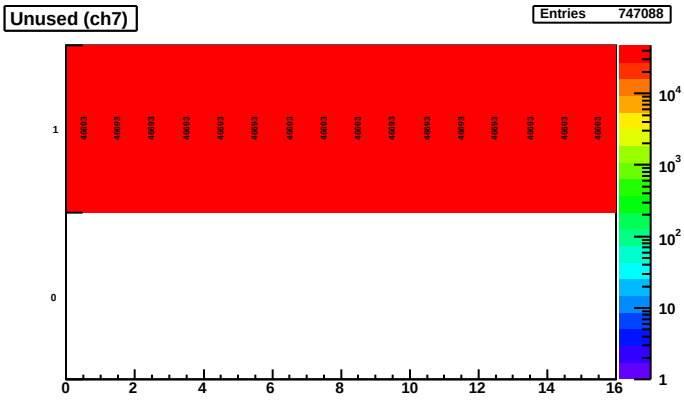

Unused (ch2)
Entries 747088

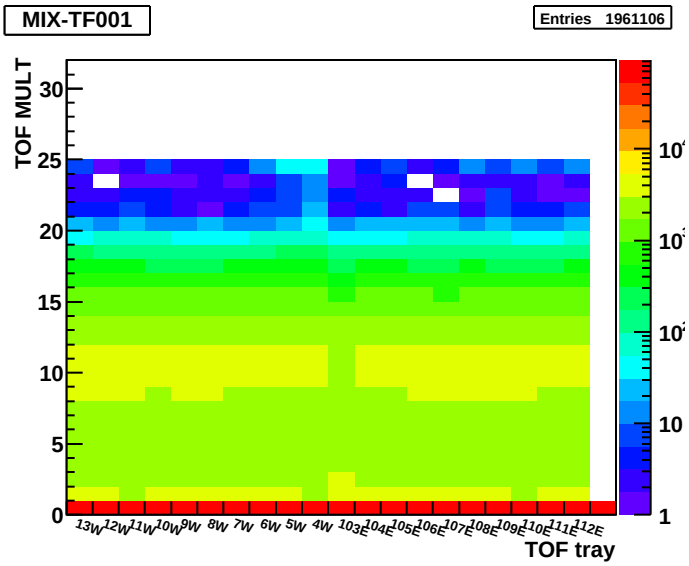

EM201 0-15 (ch3)
Entries 747088
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

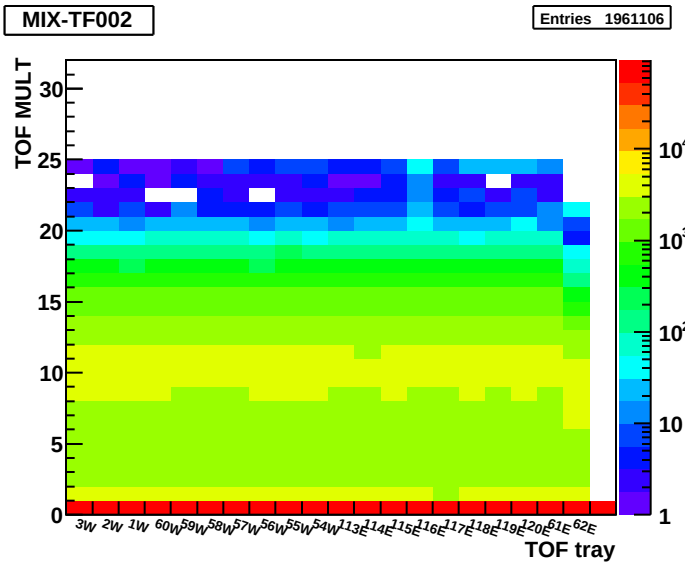

RAT board (ch4)
Entries 747088
rat-0 rat-1 rat-2 rat-3 rat-4 rat-5 rat-6 rat-7 rat-8 rat-9 rat-10 rat-11 rat-12 rat-13 rat-14 rat-15

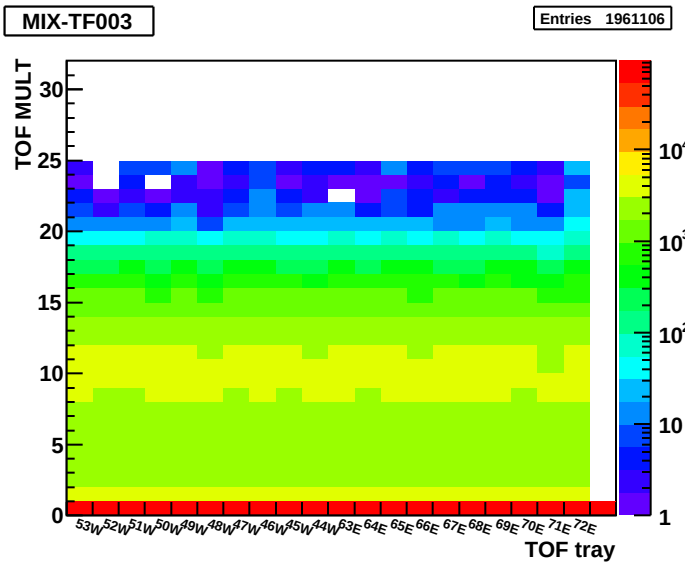

FP201 0-15 (ch5)
Entries 747088
FMSsmallClusTh0 FMSsmallClusTh1 FMSsmallClusTh2 FMSsmallMulClusTh0 FMSsmallMulClusTh1 FMSsmallMulClusTh2 FMSsmallHT FMSlargeClusTh0 FMSlargeClusTh1 FMSlargeClusTh2 FMSlargeMulClusTh0 FMSlargeMulClusTh1 FMSlargeMulClusTh2 FMSlargeHT FPE

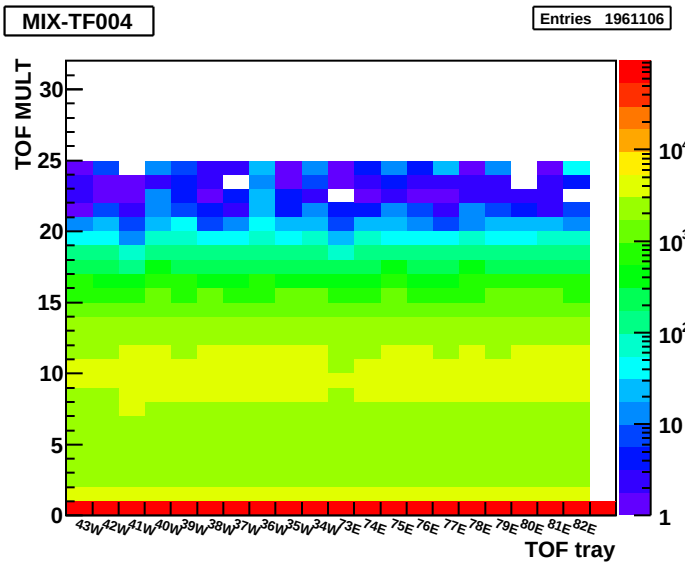

ST201 0-15 (ch6)
Entries 747088
SpcTrgDetBit0 SpcTrgDetBit1 SpcTrgDetBit2 DetGrpBit0 DetGrpBit1 DetGrpBit2 DetGrpBit3 ZeroBias Random

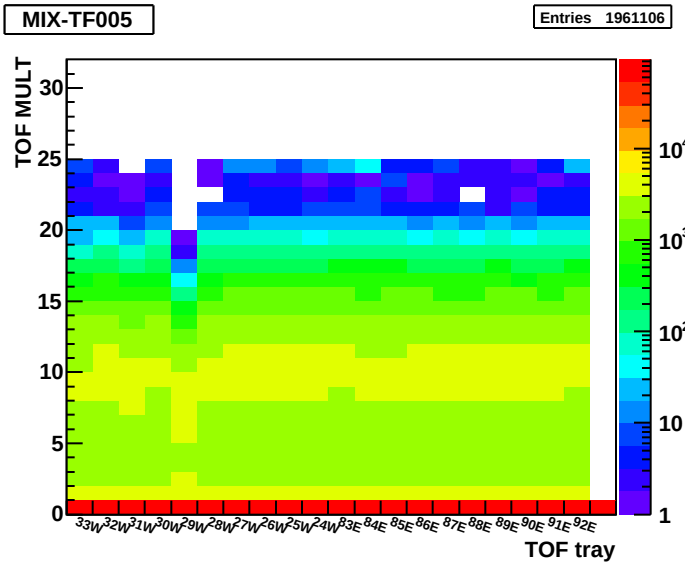

Unused (ch7)
Entries 747088

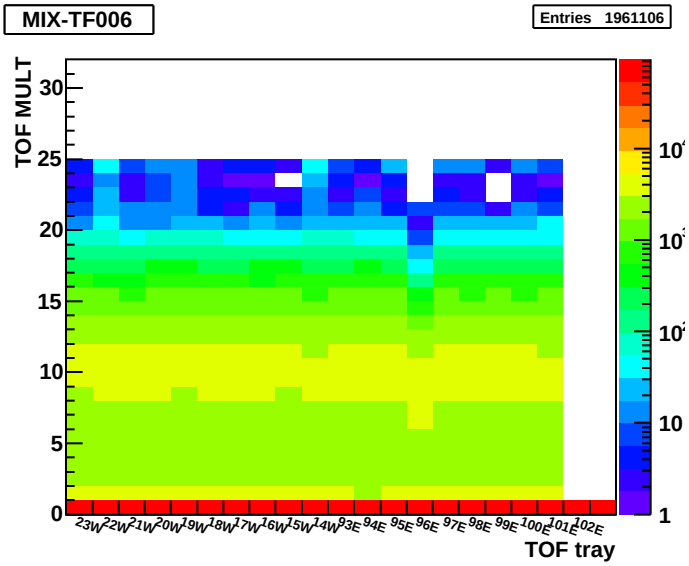

MIX-TF001
Entries 1961106
TOF MULT
TOF tray

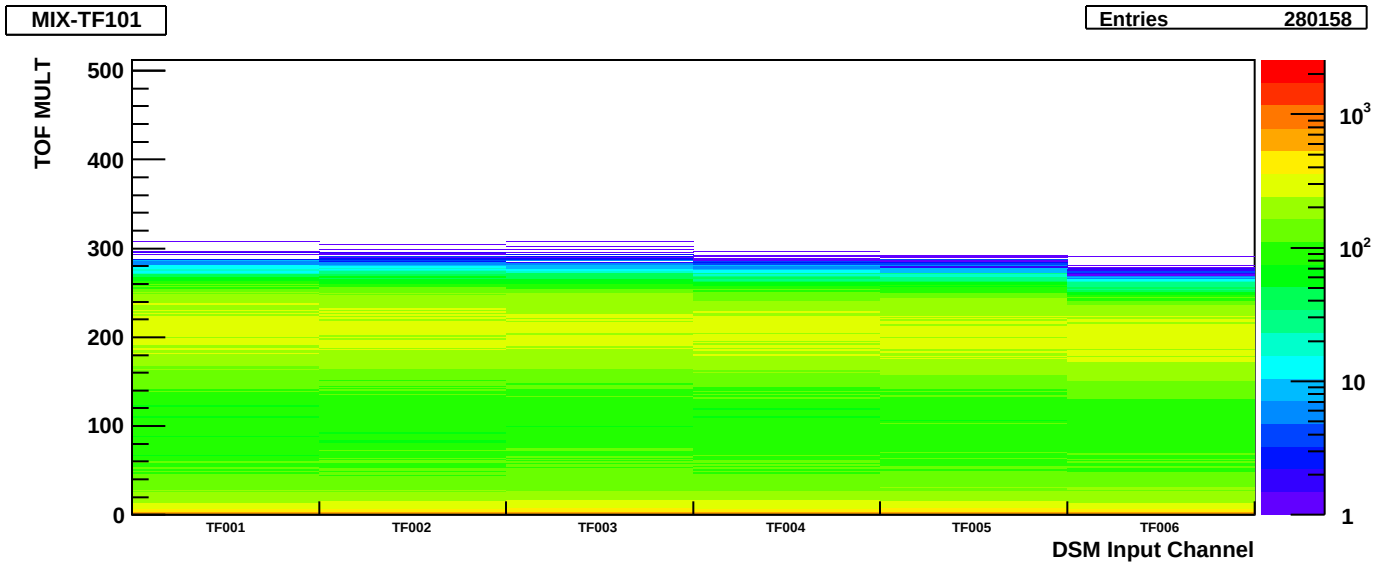

MIX-TF002
Entries 1961106
TOF MULT
TOF tray

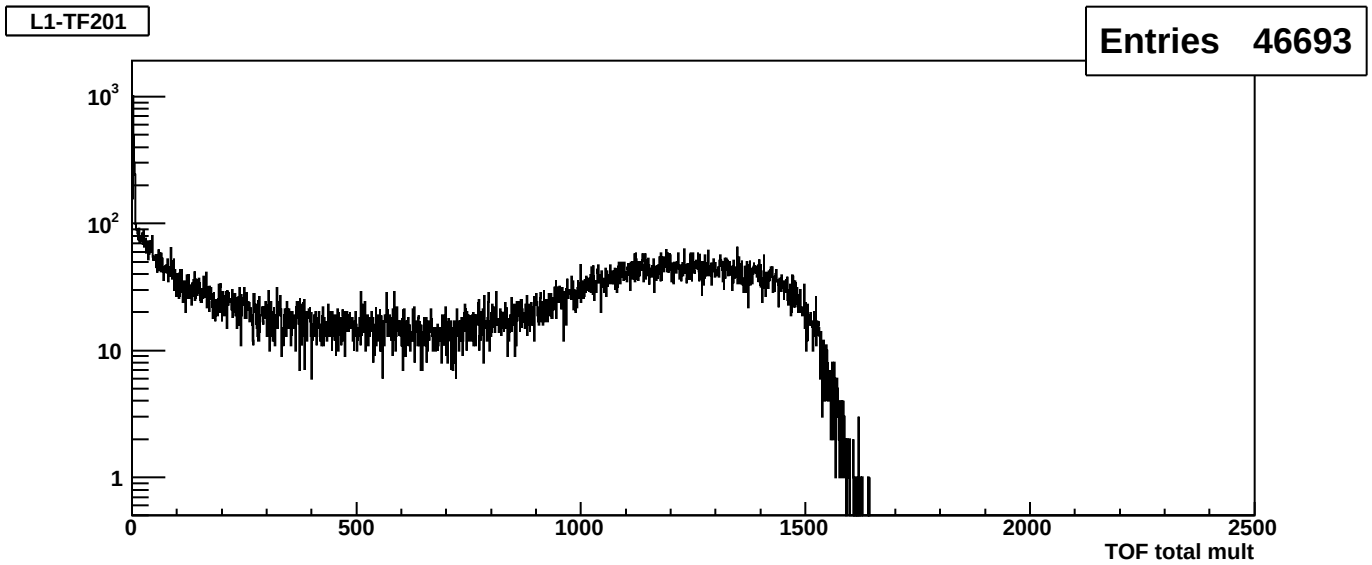

MIX-TF003
Entries 1961106
TOF MULT
TOF tray

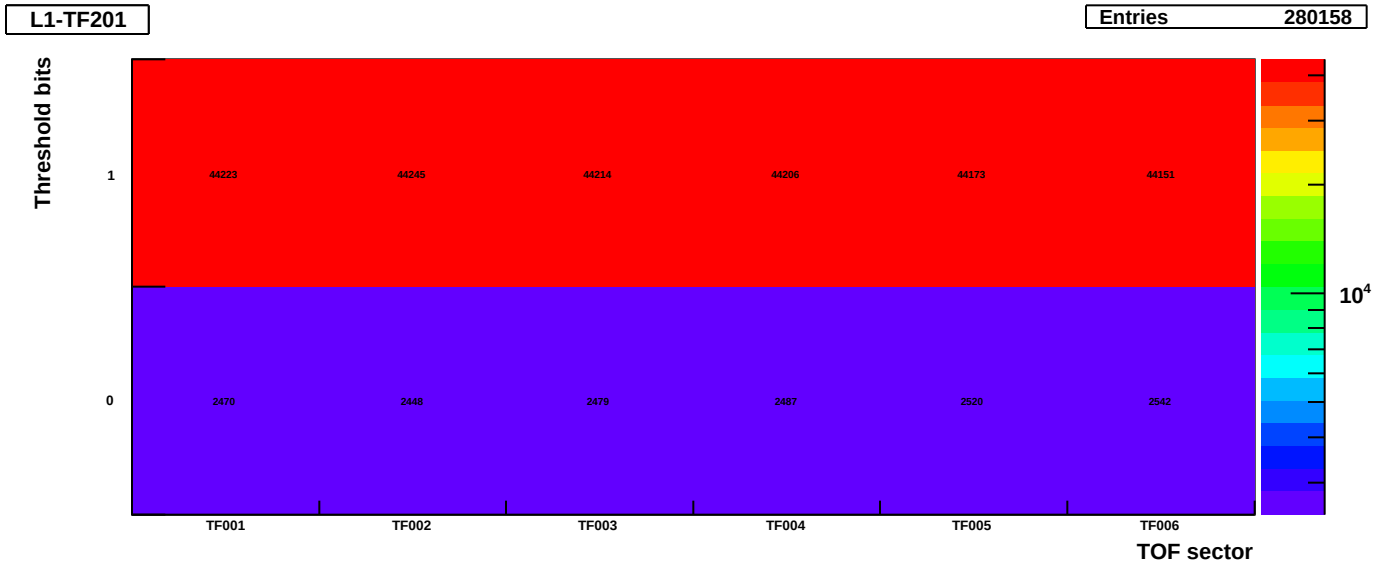

MIX-TF004
Entries 1961106
TOF MULT
TOF tray

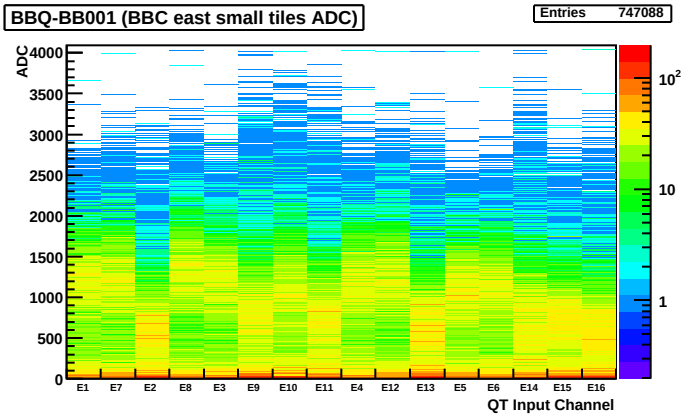

MIX-TF005
Entries 1961106
TOF MULT
TOF tray

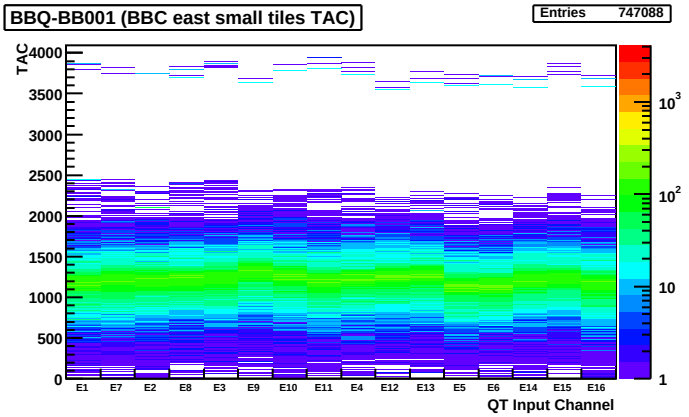

MIX-TF006
Entries 1961106
TOF MULT
TOF tray

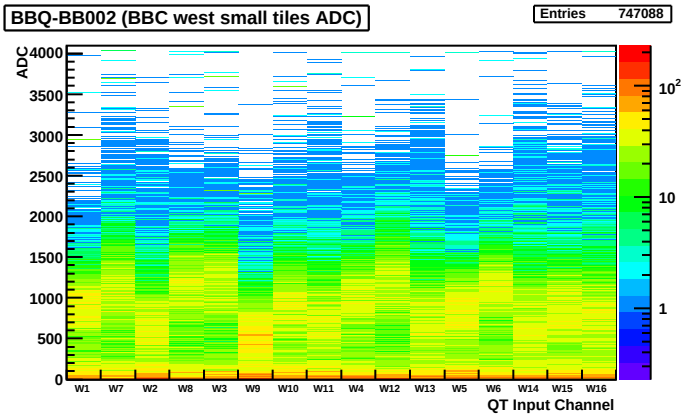

MIX-TF101
Entries 280158
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

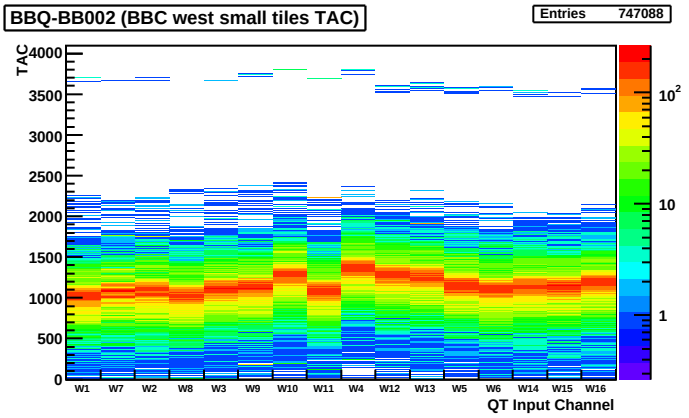

L1-TF201
Entries 46693
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

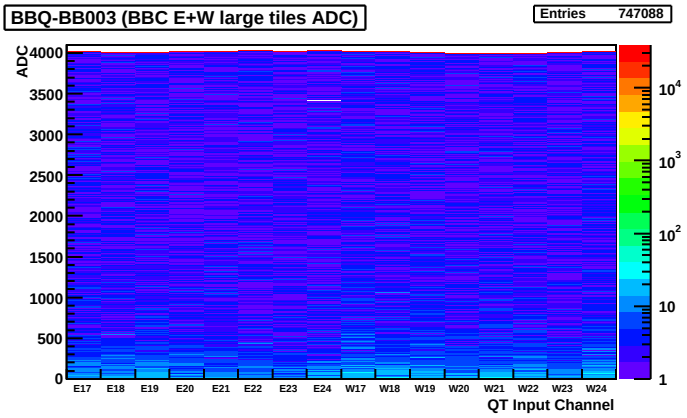

L1-TF201
Entries 280158
Threshold bits
1
0
44223
44245
44214
44206
44173
44151
2470
2448
2479
2487
2520
2542
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

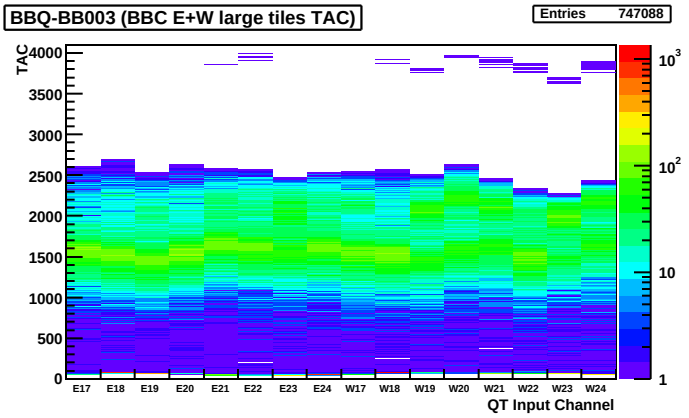

BBQ-BB001 (BBC east small tiles ADC)
Entries 747088
ADC
QT Input Channel

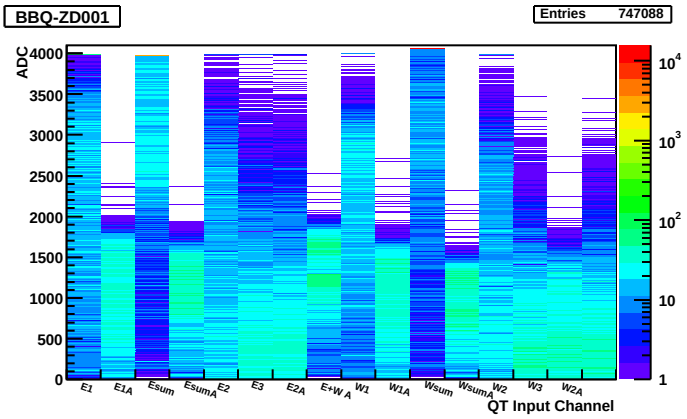

BBQ-BB001 (BBC east small tiles TAC)
Entries 747088
TAC
QT Input Channel

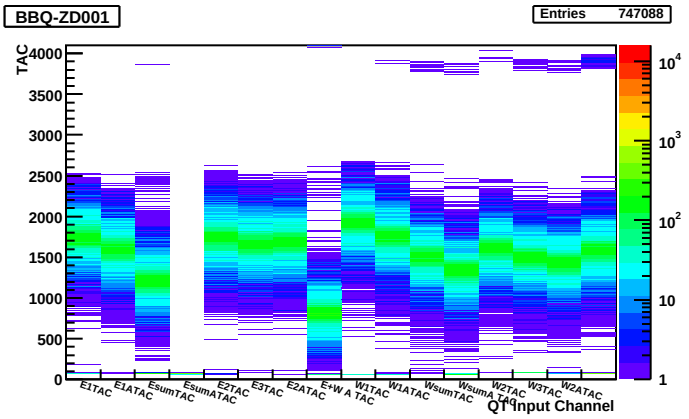

BBQ-BB002 (BBC west small tiles ADC)
Entries 747088
ADC
QT Input Channel

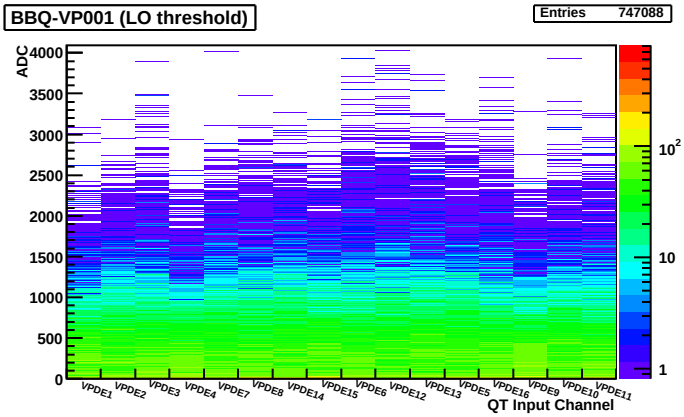

BBQ-BB002 (BBC west small tiles TAC)
Entries 747088
TAC
QT Input Channel

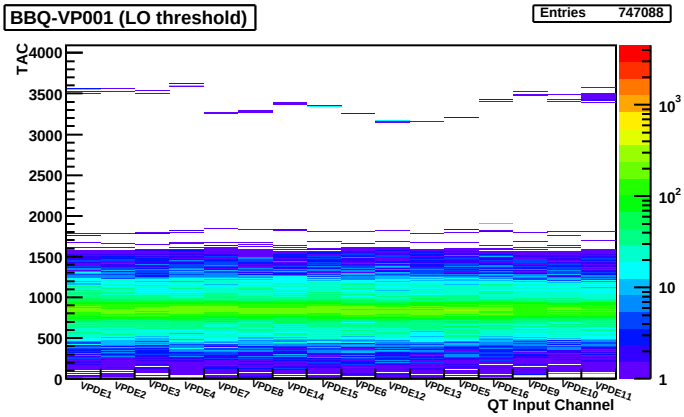

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 747088
ADC
QT Input Channel

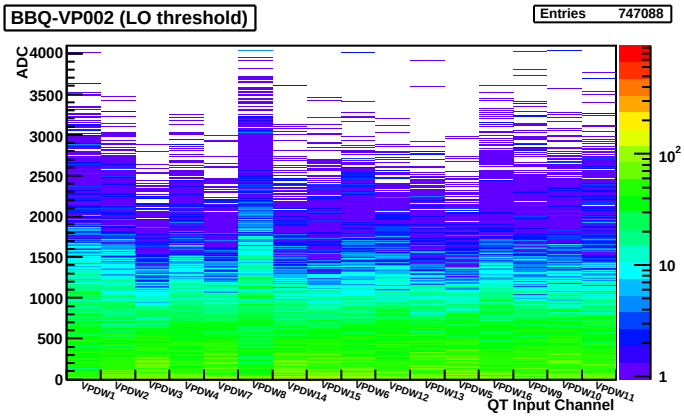

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 747088
TAC
QT Input Channel

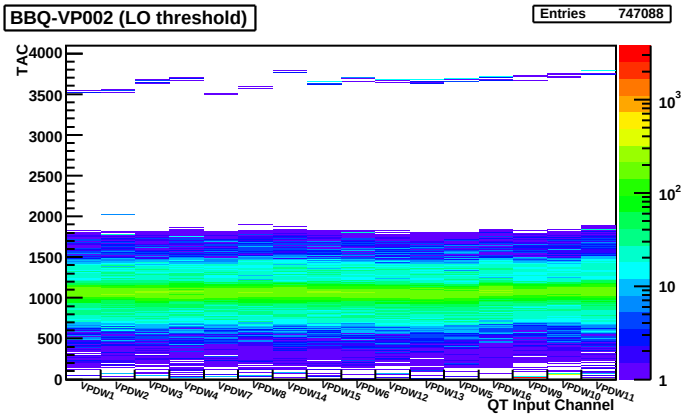

BBQ-ZD001
Entries 747088
ADC
QT Input Channel

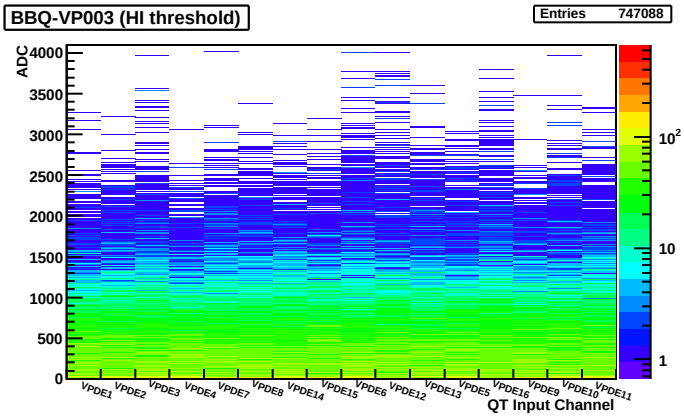

BBQ-ZD001
Entries 747088
TAC
QT Input Channel

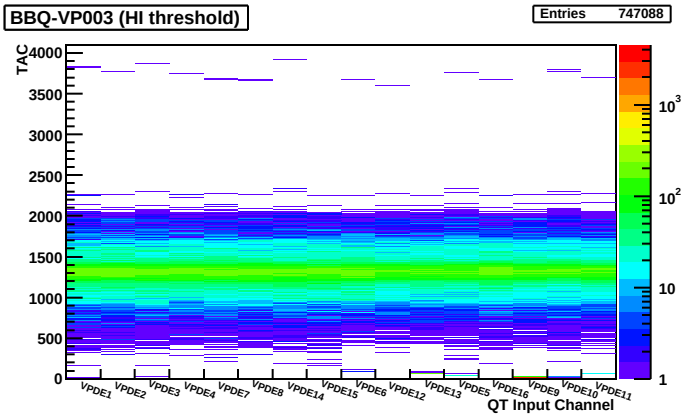

BBQ-VP001 (LO threshold)
Entries 747088
ADC
QT Input Channel

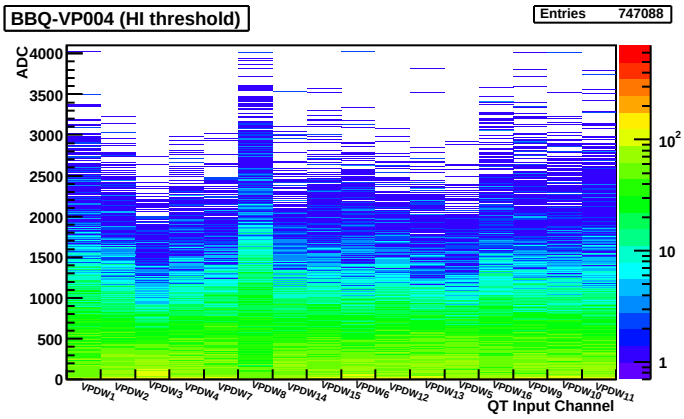

BBQ-VP001 (LO threshold)
Entries 747088
TAC
QT Input Channel

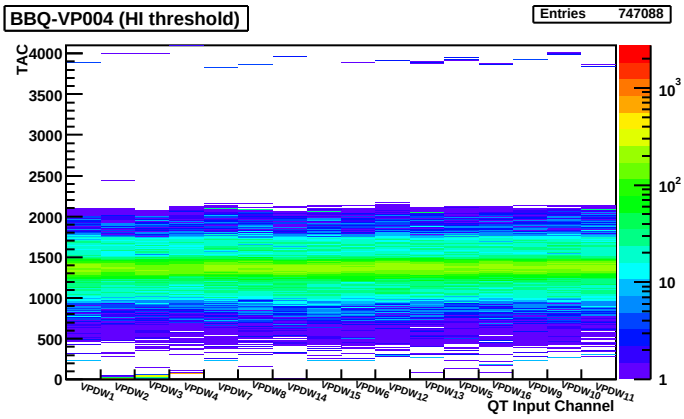

BBQ-VP002 (LO threshold)
Entries 747088
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 747088
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 747088
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 747088
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 747088
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 747088
TAC
QT Input Channel