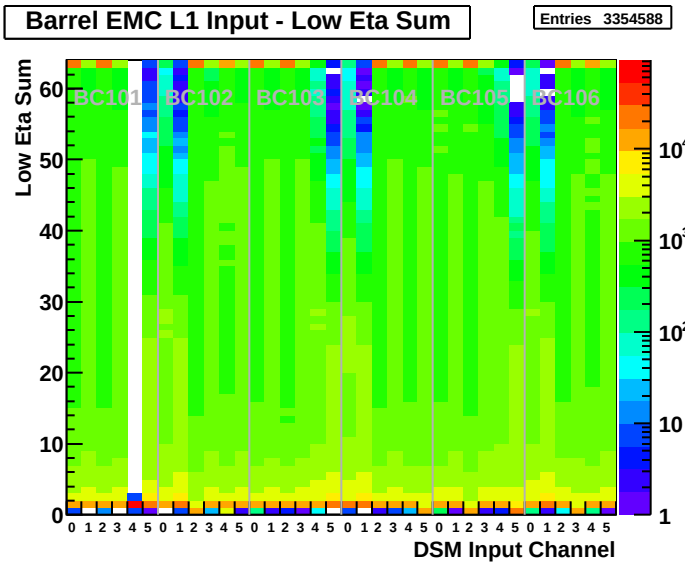
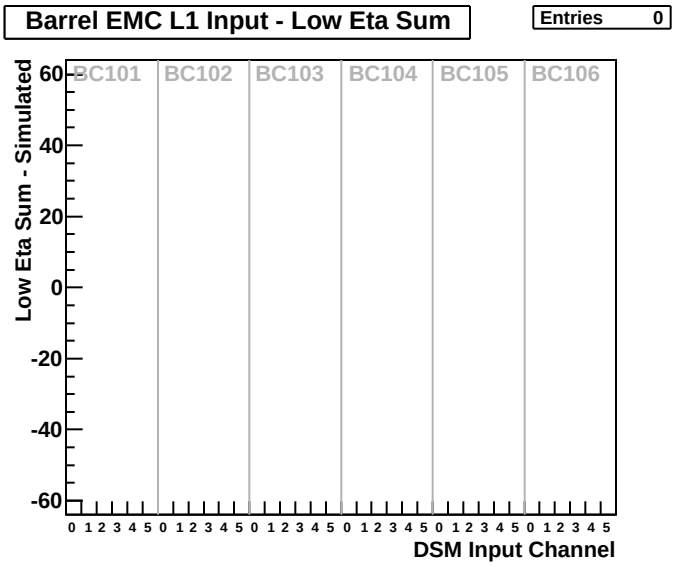
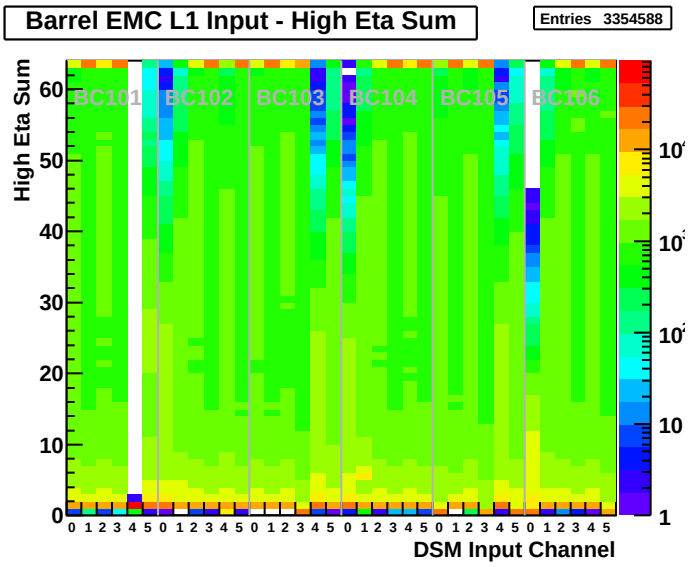
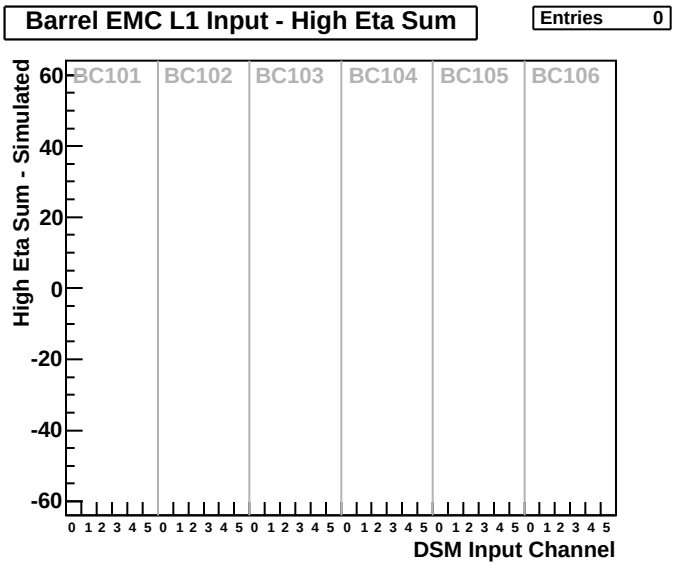
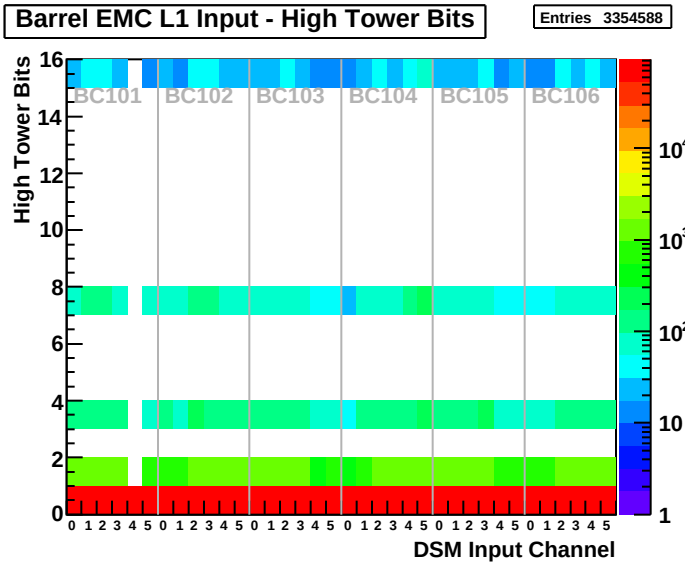
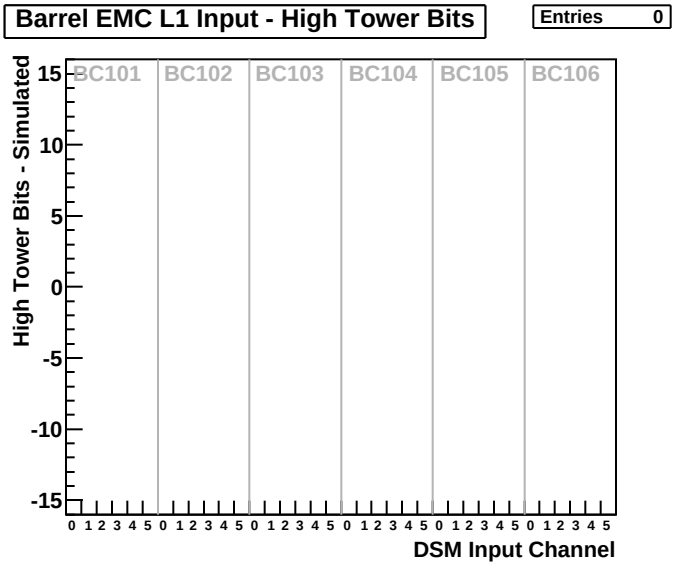

Barrel EMC L1 Input - Low Eta Sum
Entries 3354588
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

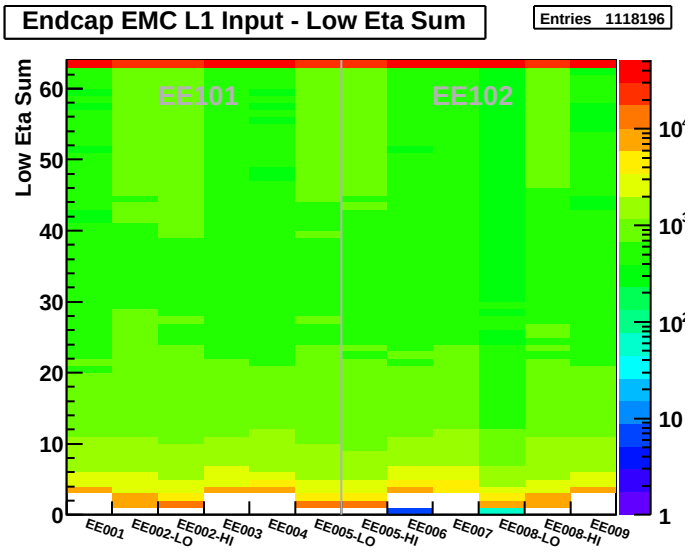

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

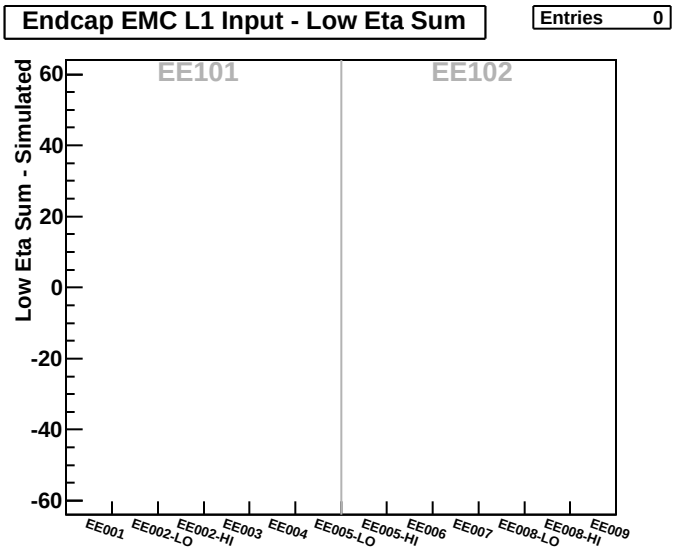

Barrel EMC L1 Input - High Eta Sum
Entries 3354588
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

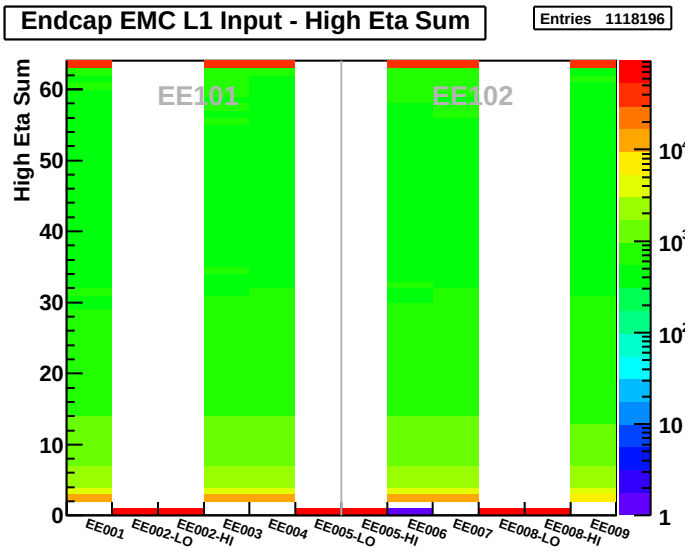

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

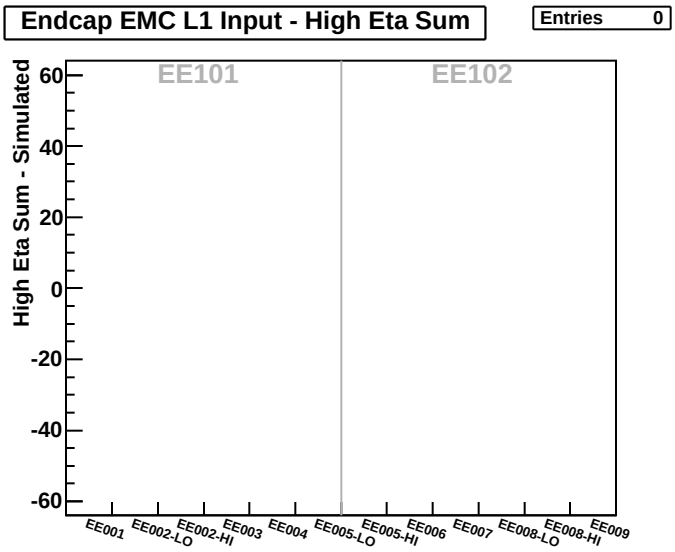

Barrel EMC L1 Input - High Tower Bits
Entries 3354588
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

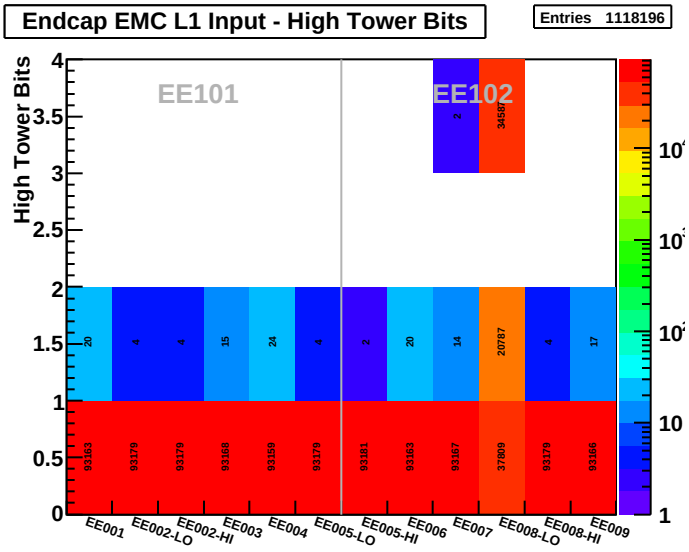

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

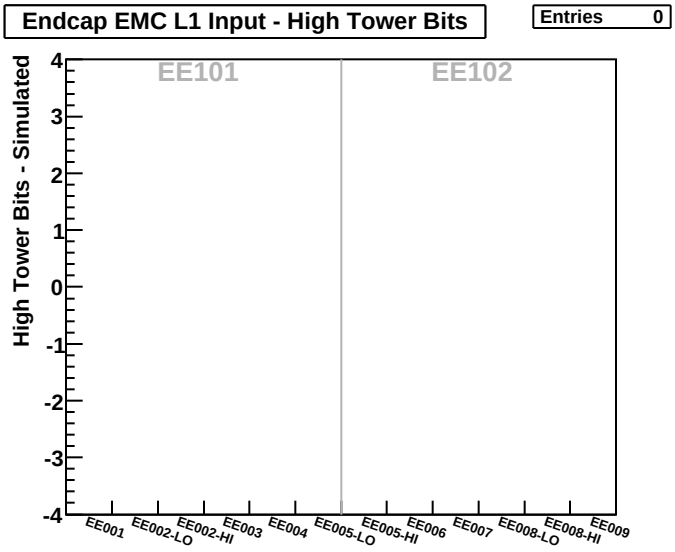

Endcap EMC L1 Input - Low Eta Sum
Entries 1118196
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

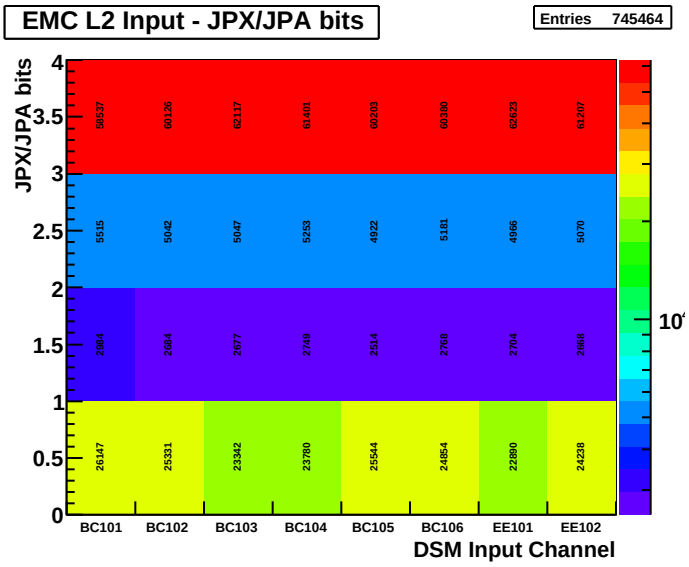

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

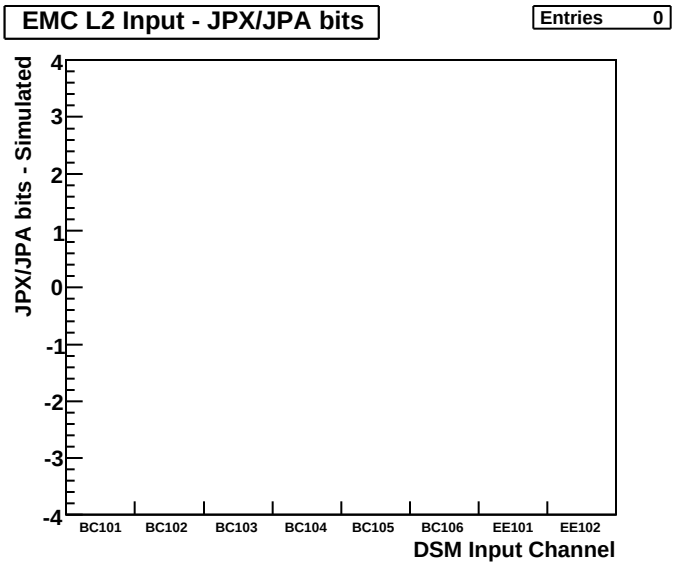

Endcap EMC L1 Input - High Eta Sum
Entries 1118196
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

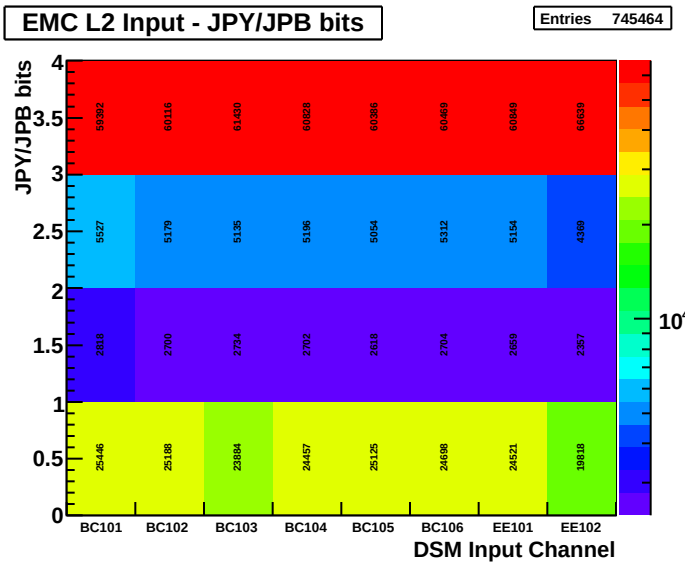

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

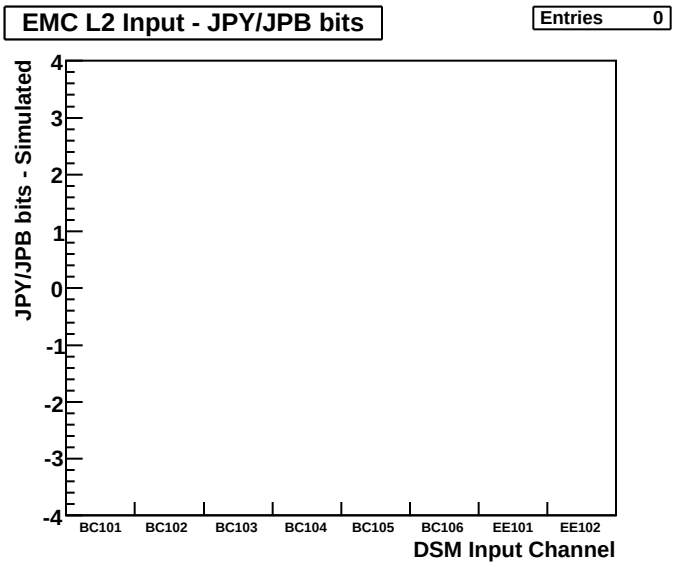

Endcap EMC L1 Input - High Tower Bits
Entries 1118196
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

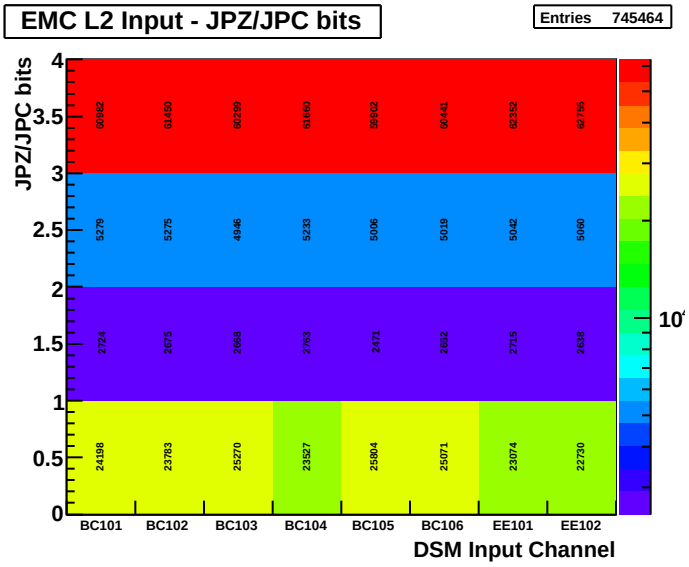

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

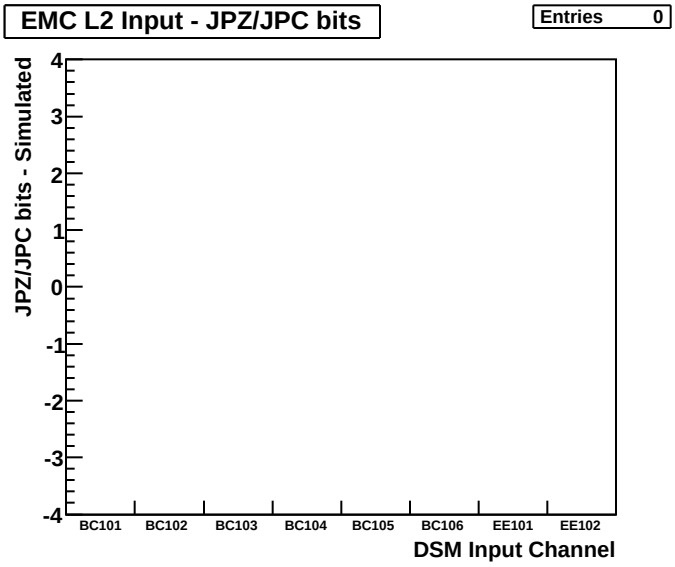

EMC L2 Input - JPX/JPA bits
Entries 745464
JPX/JPA bits
58537 60126 62117 61401 60203 60380 62623 61207
5515 5042 5047 5253 4922 5181 4966 5070
2384 2684 2677 2749 2514 2768 2704 2668
26147 25331 23342 23780 25544 24854 22880 24238
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

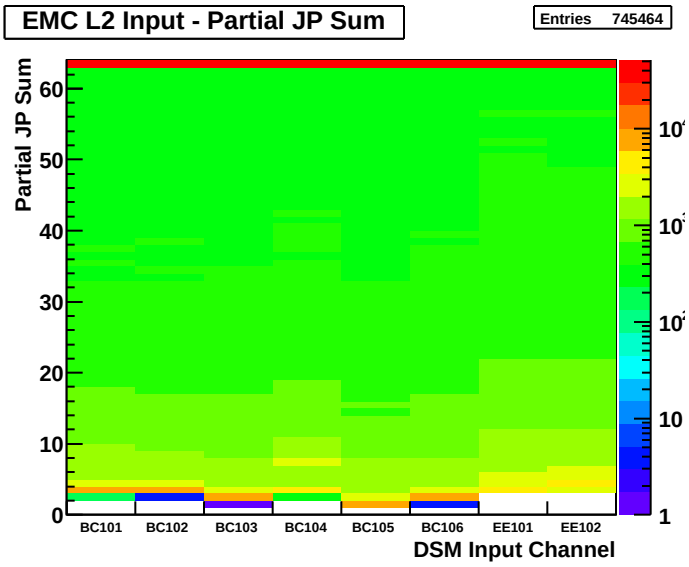

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

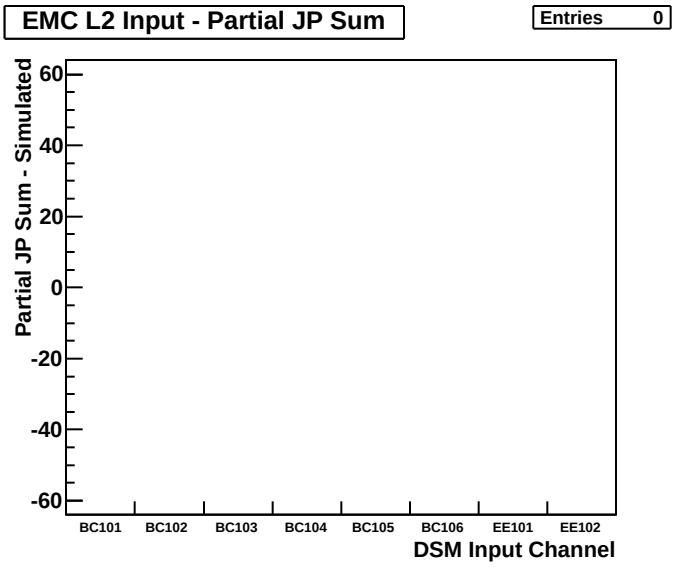

EMC L2 Input - JPY/JPB bits
Entries 745464
JPY/JPB bits
59392 60116 61430 60828 60386 60469 60849 65639
5527 5179 5135 5196 5054 5312 5154 4389
2316 2700 2734 2702 2618 2704 2659 2357
25446 25188 23884 24457 25125 24698 24521 19818
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

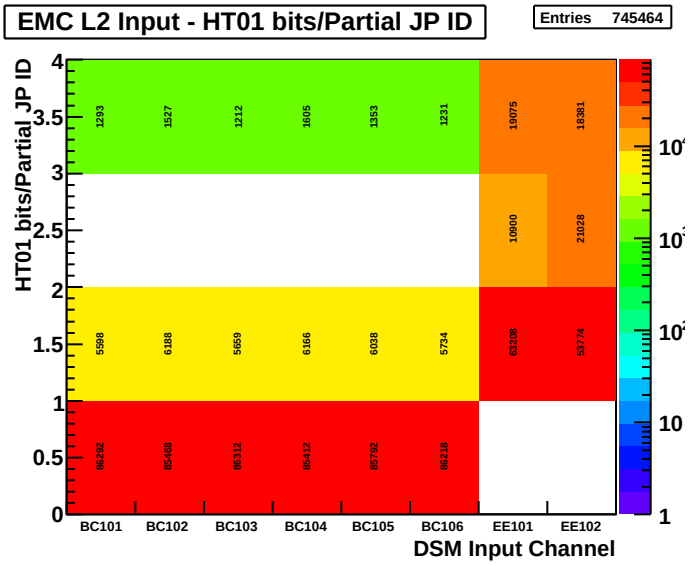

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

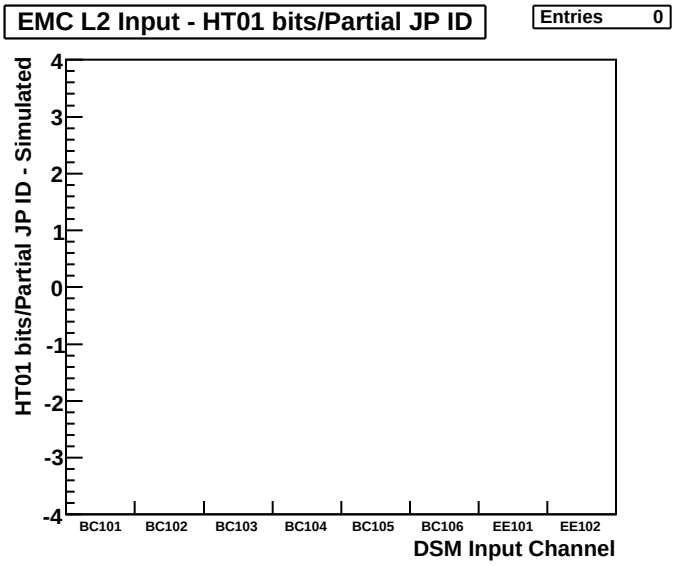

EMC L2 Input - JPZ/JPC bits
Entries 745464
JPZ/JPC bits
60982 61450 60239 61660 59902 60441 62352 62755
5279 5275 4946 5233 5006 5019 5042 5060
2724 2675 2668 2763 2471 2652 2715 2638
24198 23783 25270 23527 25804 25071 23074 22730
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

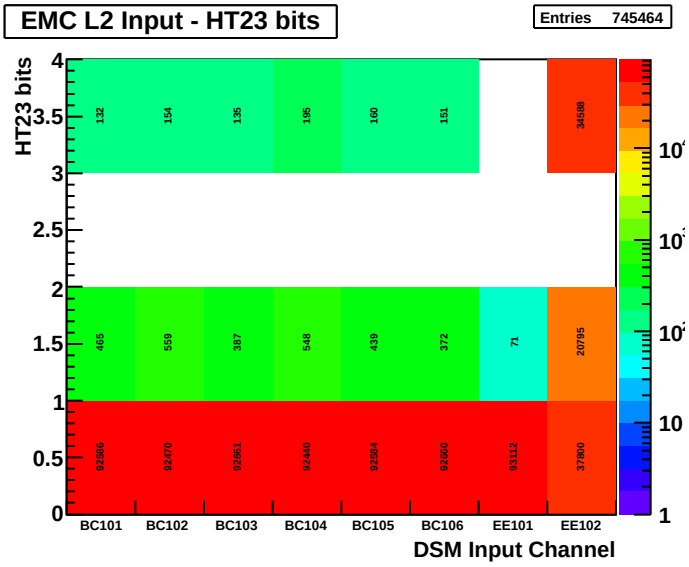

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

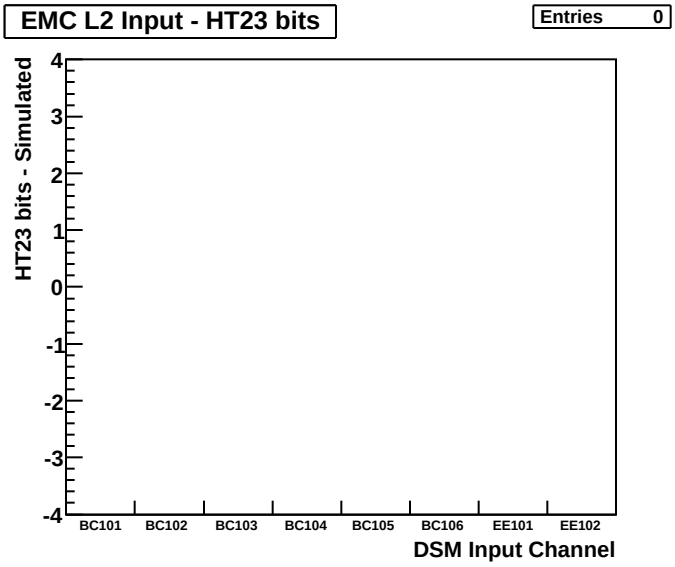

EMC L2 Input - Partial JP Sum
Entries 745464
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

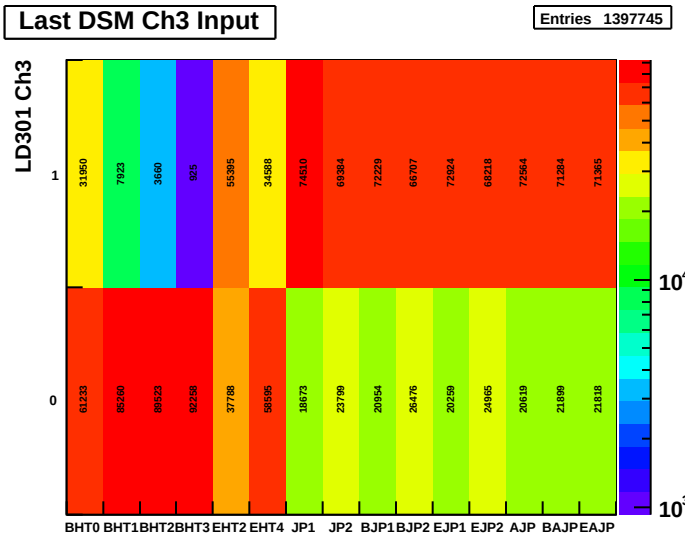

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

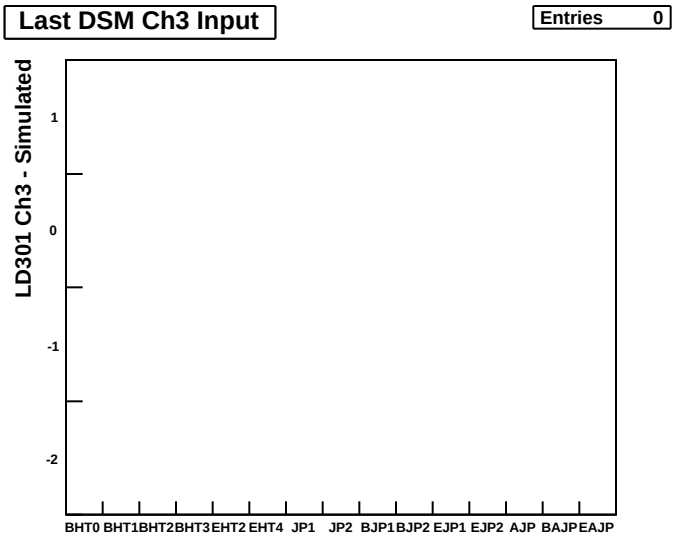

EMC L2 Input - HT01 bits/Partial JP ID
Entries 745464
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

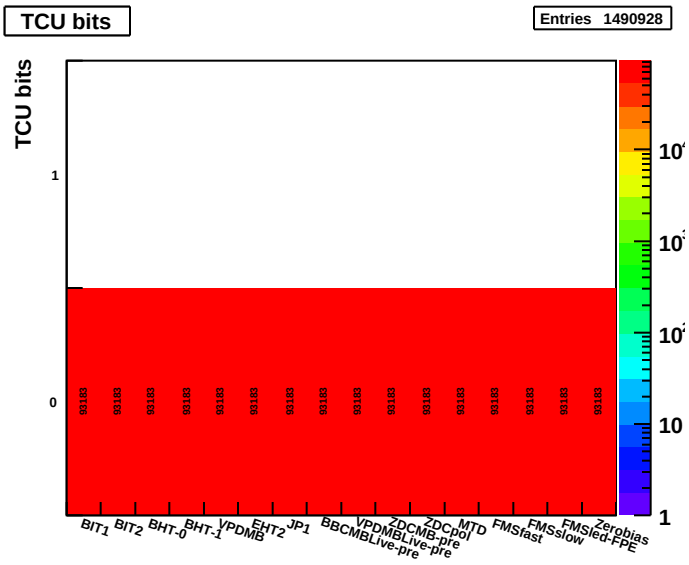

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

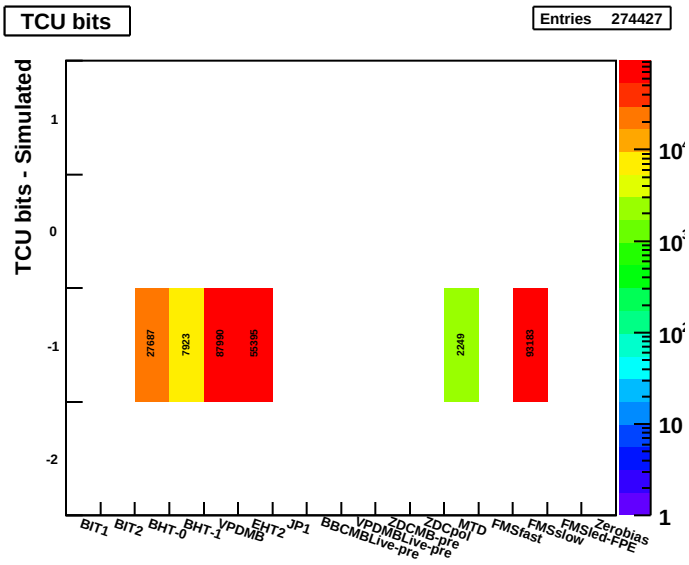

EMC L2 Input - HT23 bits
Entries 745464
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

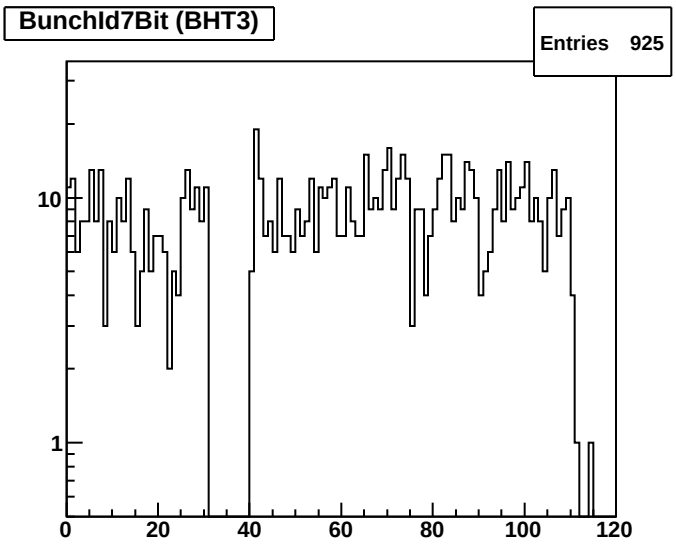

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

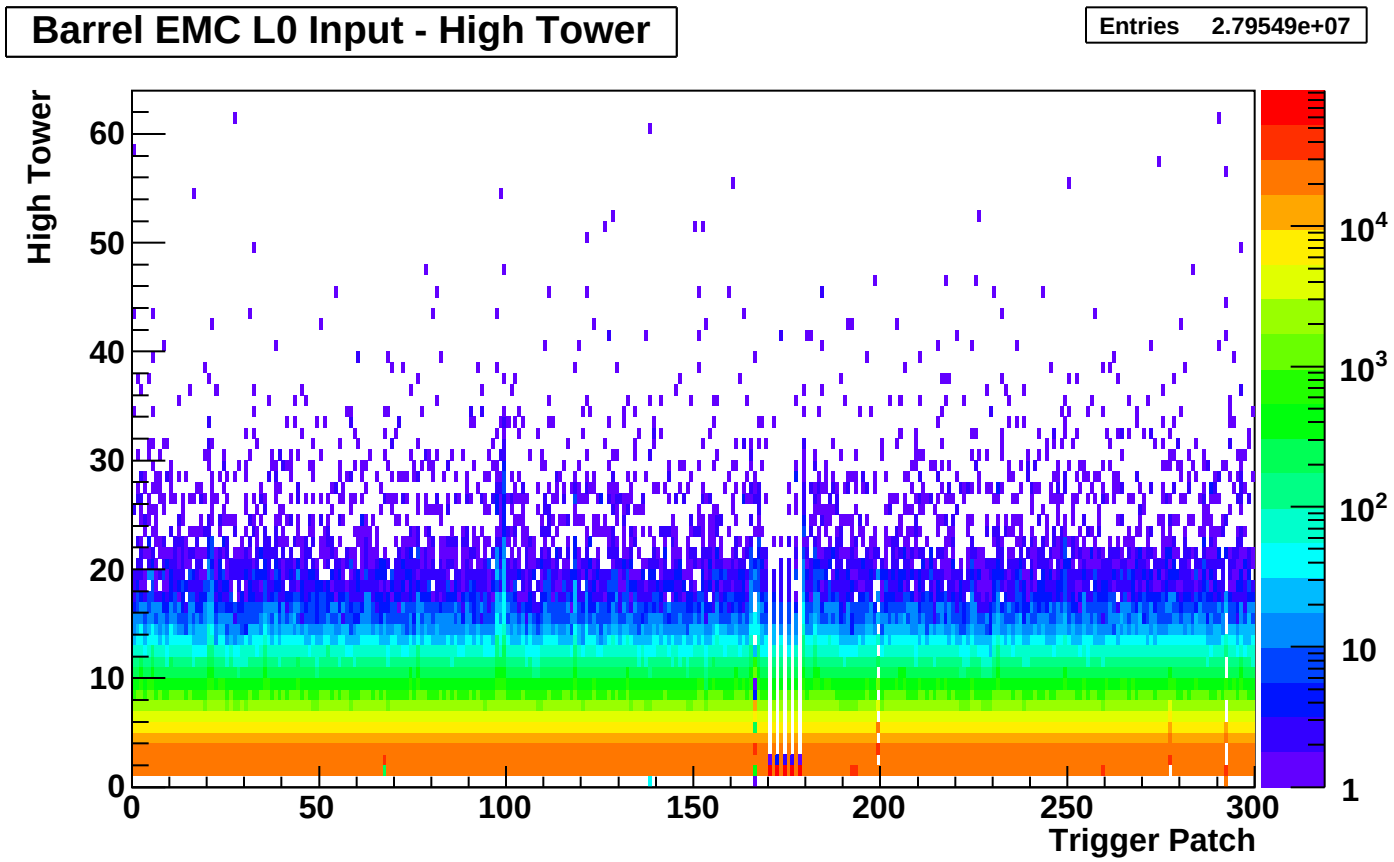

Last DSM Ch3 Input
Entries 1397745
LD301 Ch3
1
0
31950
7923
3860
925
55395
34588
74510
69334
72229
66707
72924
68218
72564
71284
71365
61233
85260
89523
92258
37788
58595
18673
23799
20954
26476
20259
24965
20619
21899
21818
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

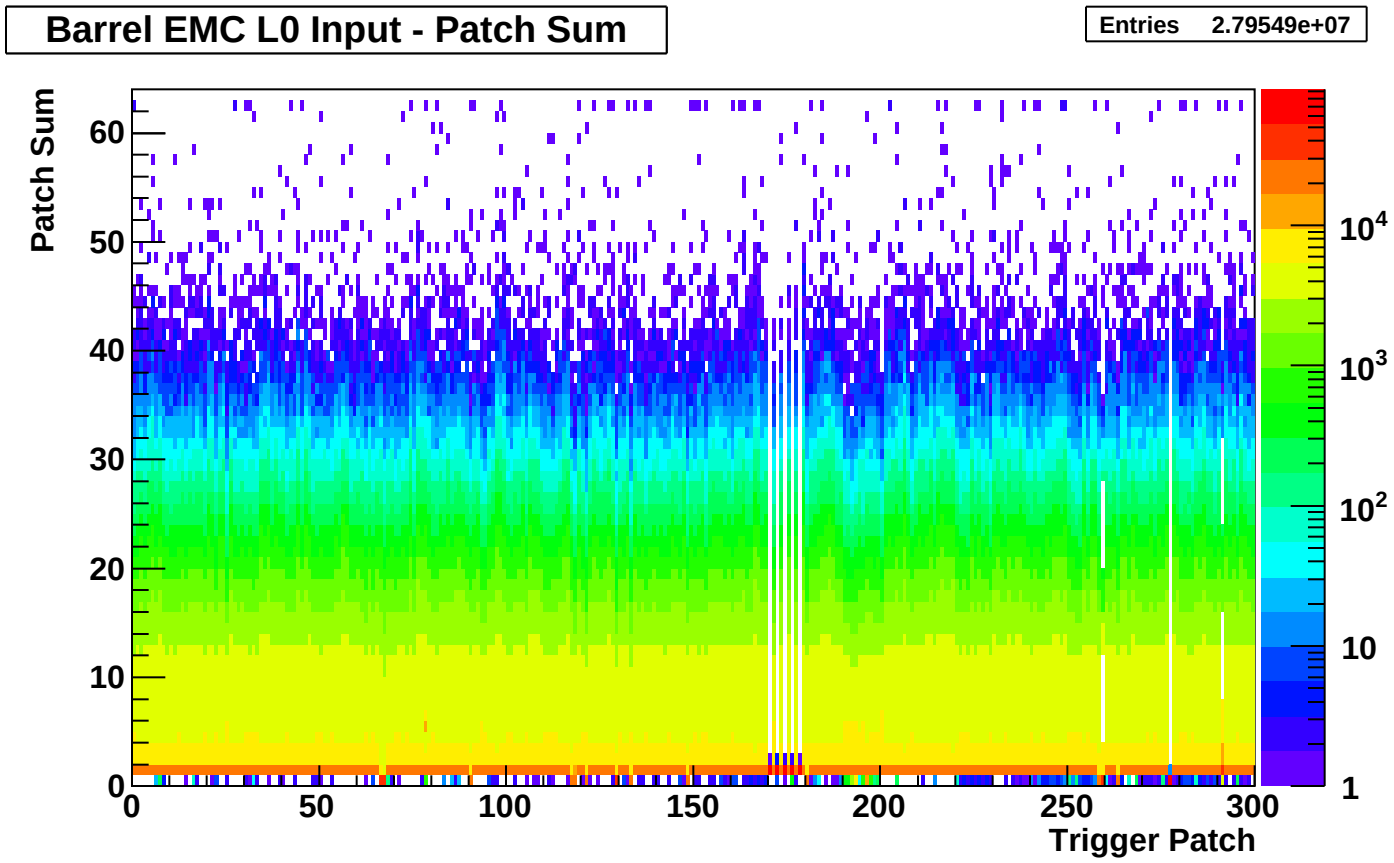

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
1
0
-1
-2
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

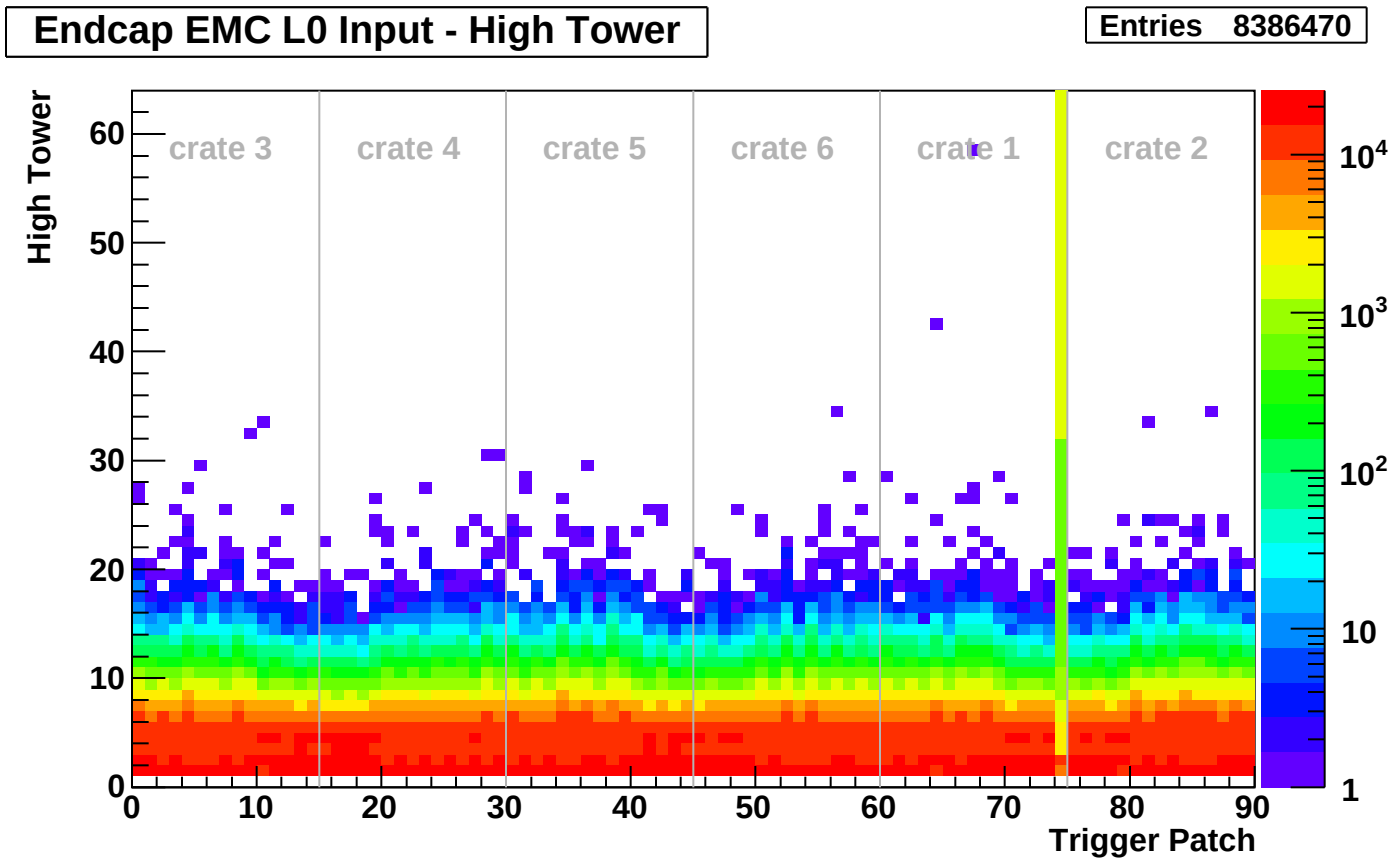

TCU bits
Entries 1490928
TCU bits
1
0
93183
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

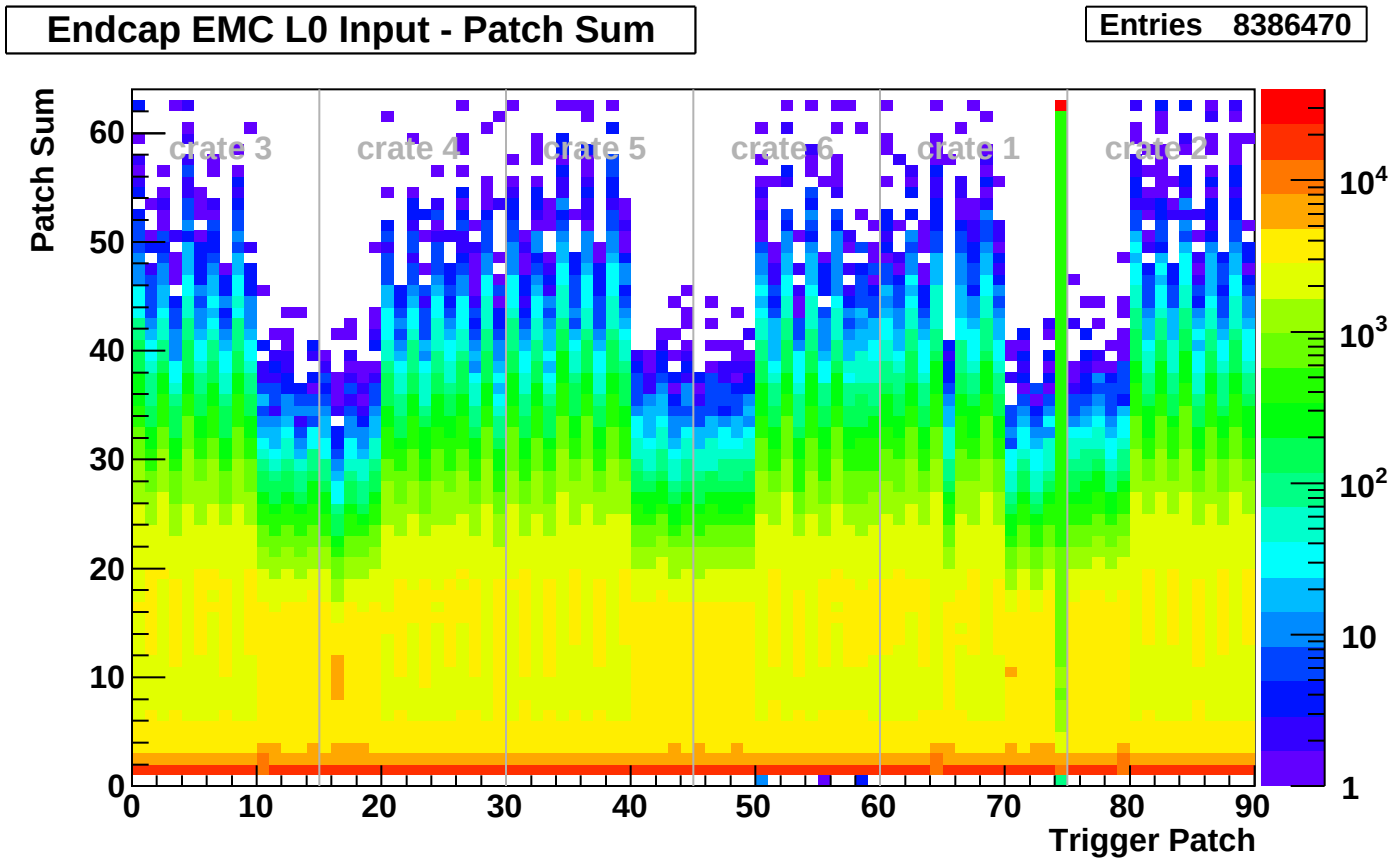

TCU bits
Entries 274427
TCU bits - Simulated
1
0
-1
-2
27687
7923
87990
55395
2249
93183
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

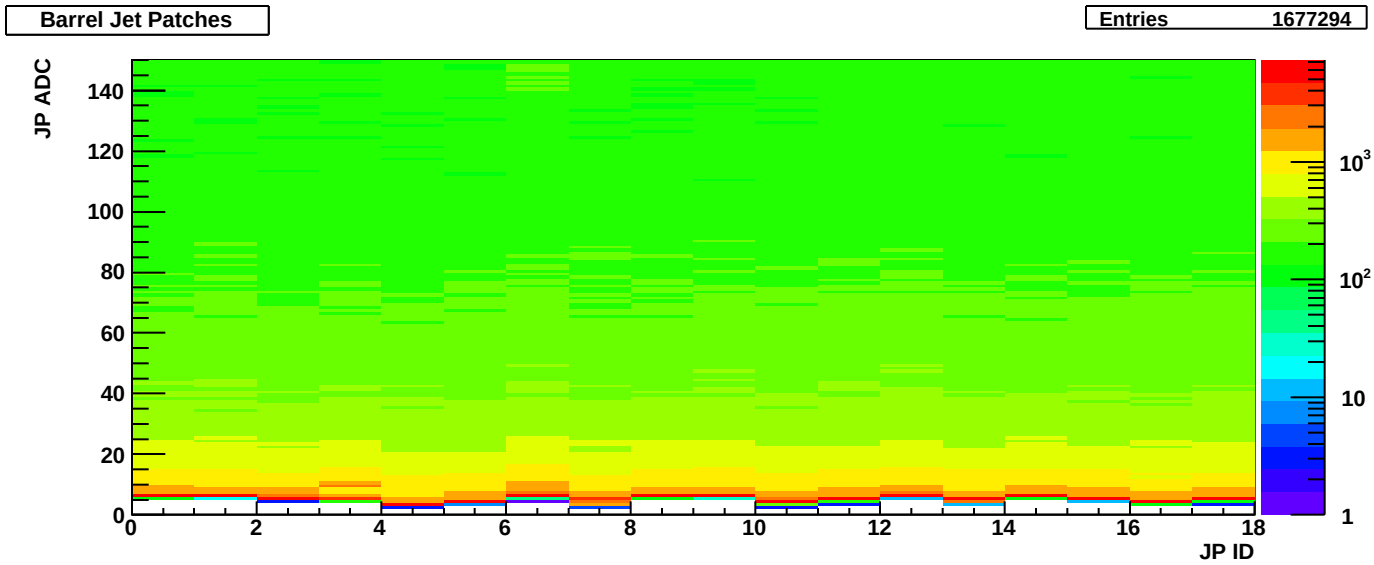

BunchId7Bit (BHT3)
Entries 925
10
1
0
20
40
60
80
100
120

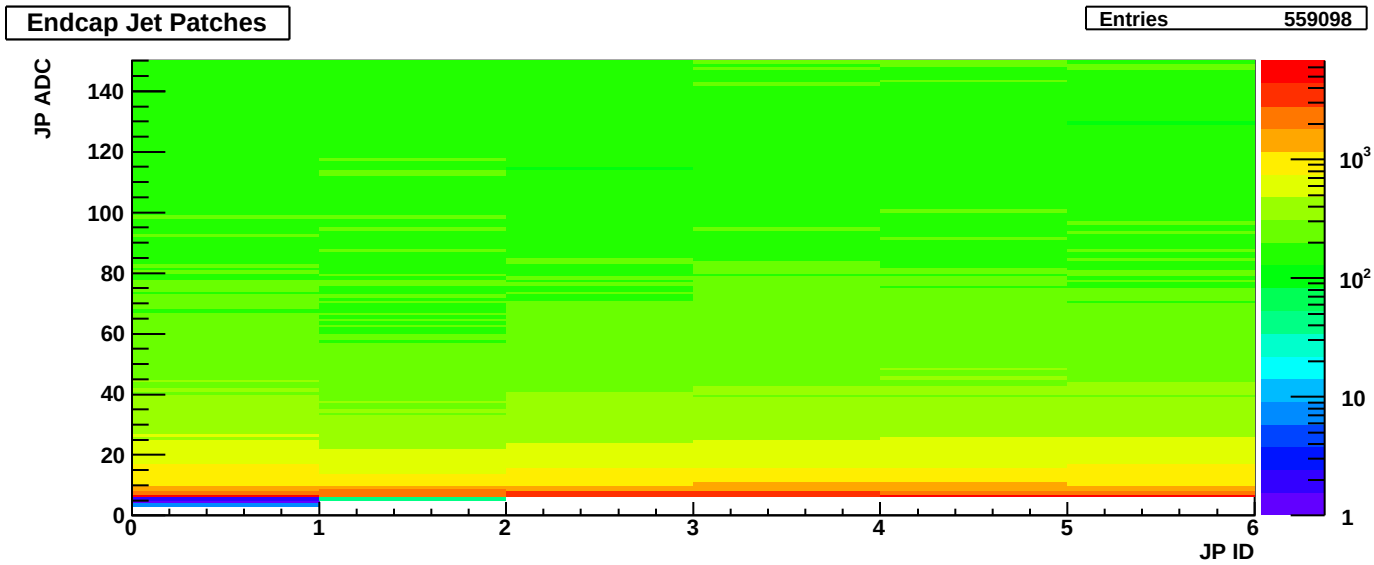

Barrel EMC L0 Input - High Tower
Entries 2.79549e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

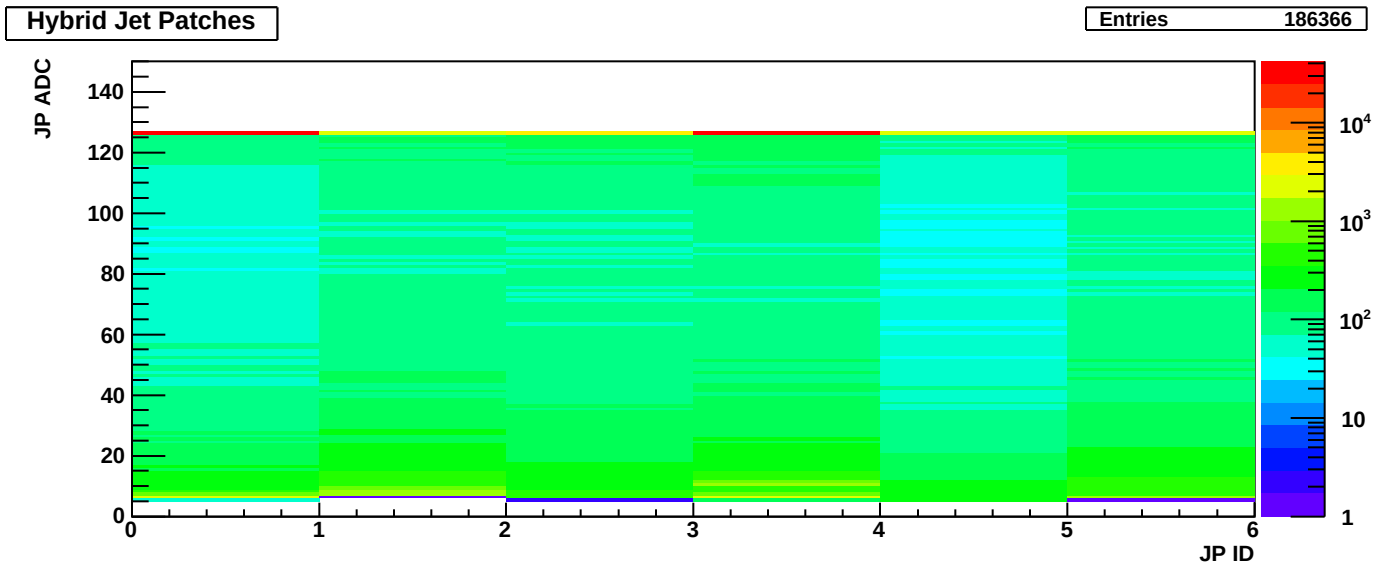

Barrel EMC L0 Input - Patch Sum
Entries 2.79549e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

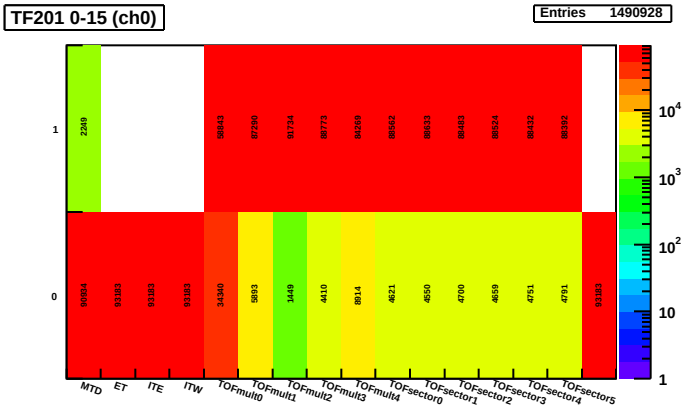

Endcap EMC L0 Input - High Tower
Entries 8386470
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

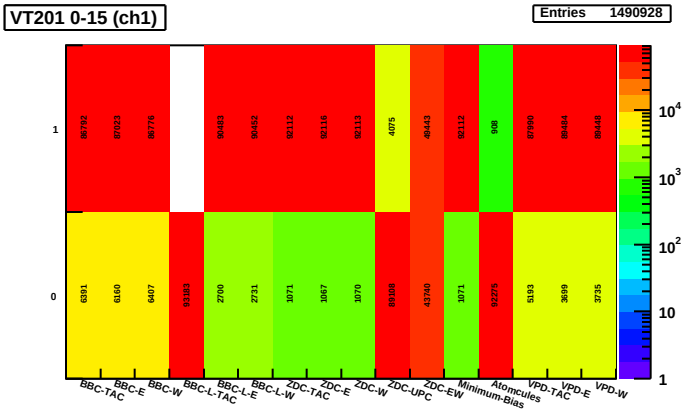

Endcap EMC L0 Input - Patch Sum
Entries 8386470
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

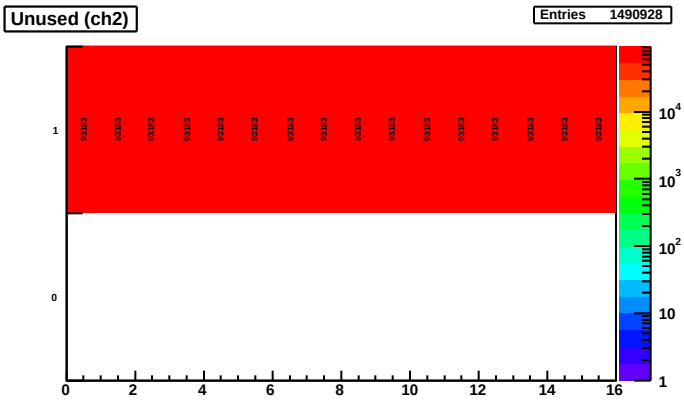

Barrel Jet Patches
Entries 1677294
JP ADC
JP ID

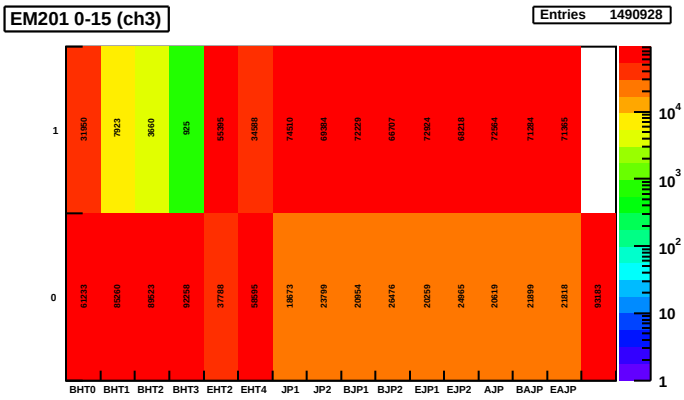

Endcap Jet Patches
Entries 559098
JP ADC
JP ID

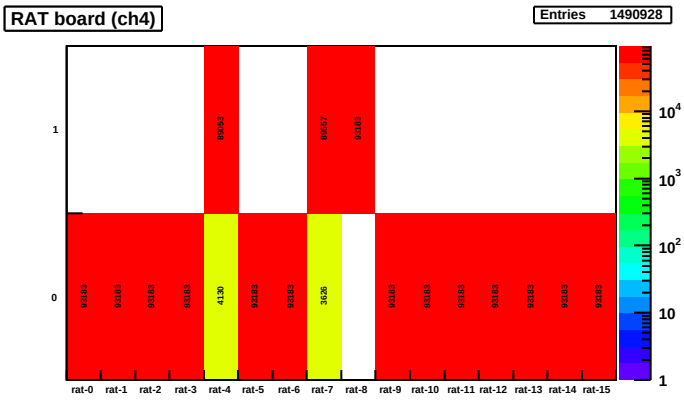

Hybrid Jet Patches
Entries 186366
JP ADC
JP ID

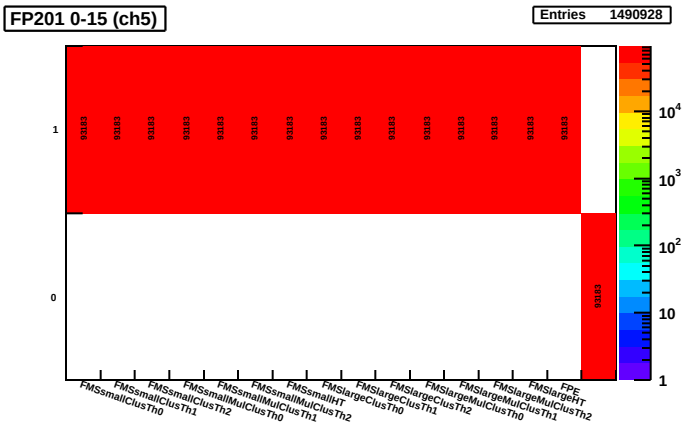

TF201 0-15 (ch0)
Entries 1490928
MTD ET ITE ITW TOFmult0 TOFmult1 TOFmult2 TOFmult3 TOFmult4 TOFsector0 TOFsector1 TOFsector2 TOFsector3 TOFsector4 TOFsector5

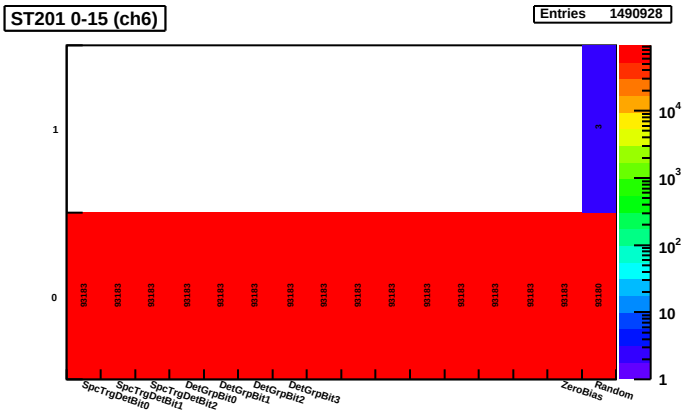

VT201 0-15 (ch1)
Entries 1490928
BBC-TAC BBC-E BBC-W BBC-L-TAC BBC-L-E BBC-L-W ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW Minimum-Bias Atomcules VPD-TAC VPD-E VPD-W

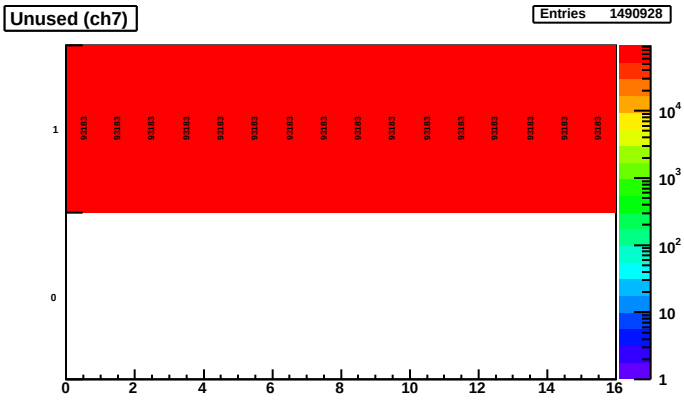

Unused (ch2)
Entries 1490928

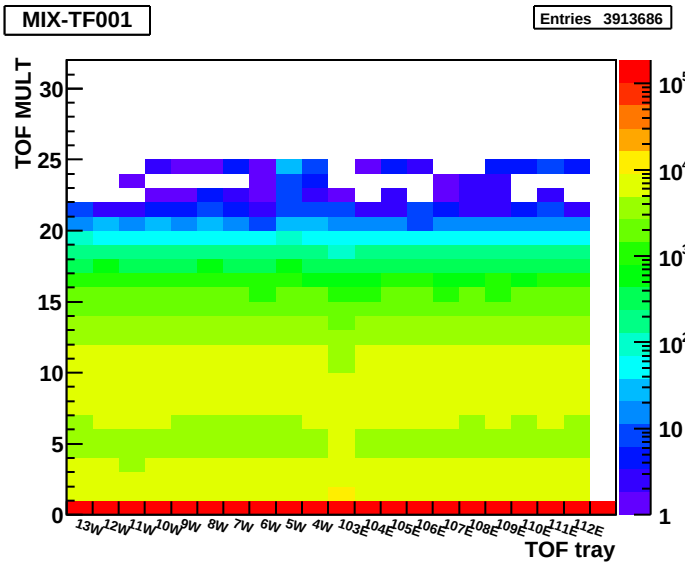

EM201 0-15 (ch3)
Entries 1490928
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

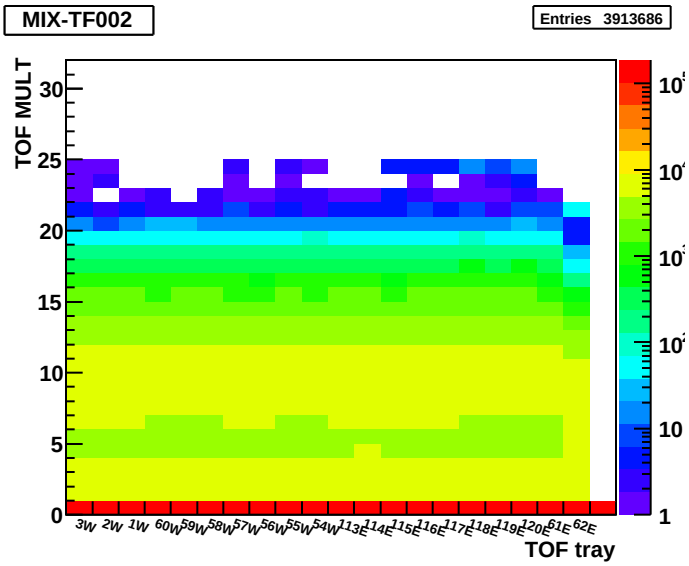

RAT board (ch4)
Entries 1490928
rat-0 rat-1 rat-2 rat-3 rat-4 rat-5 rat-6 rat-7 rat-8 rat-9 rat-10 rat-11 rat-12 rat-13 rat-14 rat-15

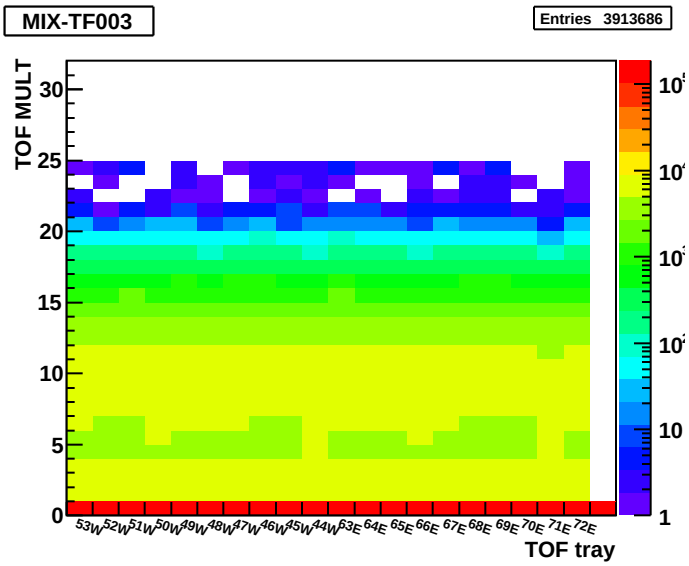

FP201 0-15 (ch5)
Entries 1490928
FMSsmallClusTh0 FMSsmallClusTh1 FMSsmallClusTh2 FMSsmallMulClusTh0 FMSsmallMulClusTh1 FMSsmallMulClusTh2 FMSsmallHT FMSlargeClusTh0 FMSlargeClusTh1 FMSlargeClusTh2 FMSlargeMulClusTh0 FMSlargeMulClusTh1 FMSlargeMulClusTh2 FMSlargeHT FPE

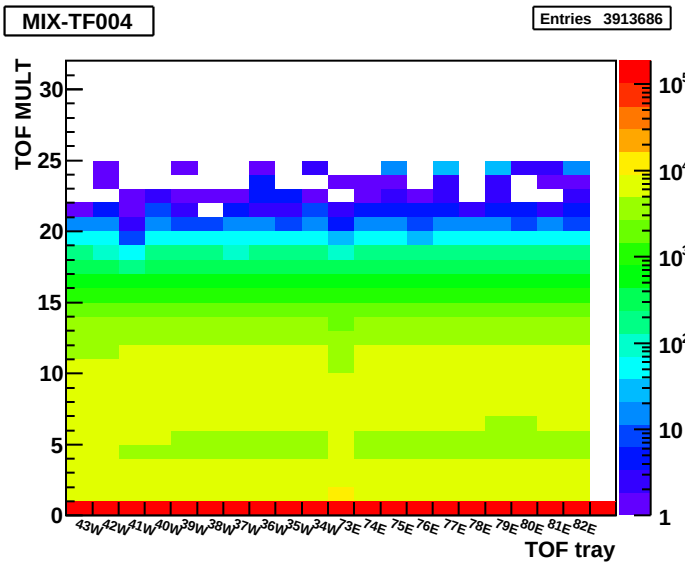

ST201 0-15 (ch6)
Entries 1490928
SpcTrgDetBit0 SpcTrgDetBit1 SpcTrgDetBit2 DetCrpBit0 DetCrpBit1 DetCrpBit2 DetCrpBit3 ZeroBias Random

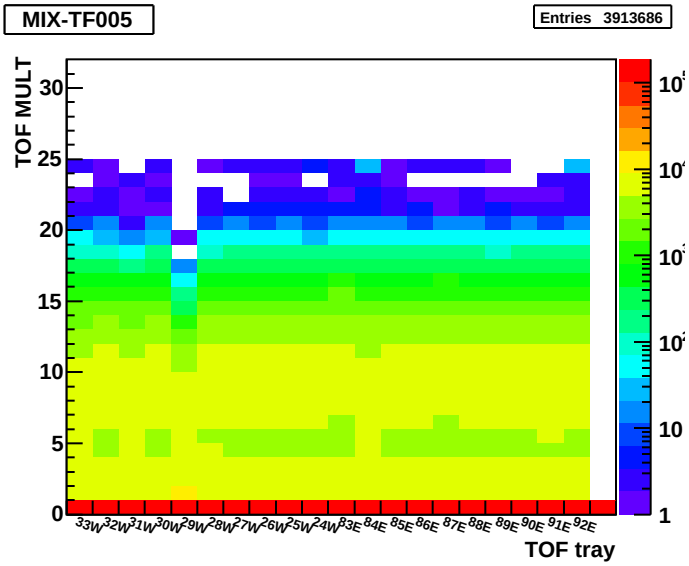

Unused (ch7)
Entries 1490928

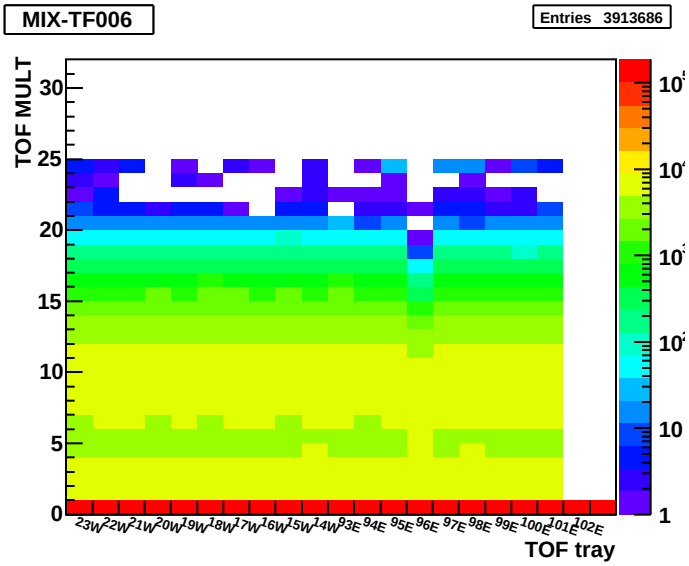

MIX-TF001
Entries 3913686
TOF MULT
TOF tray

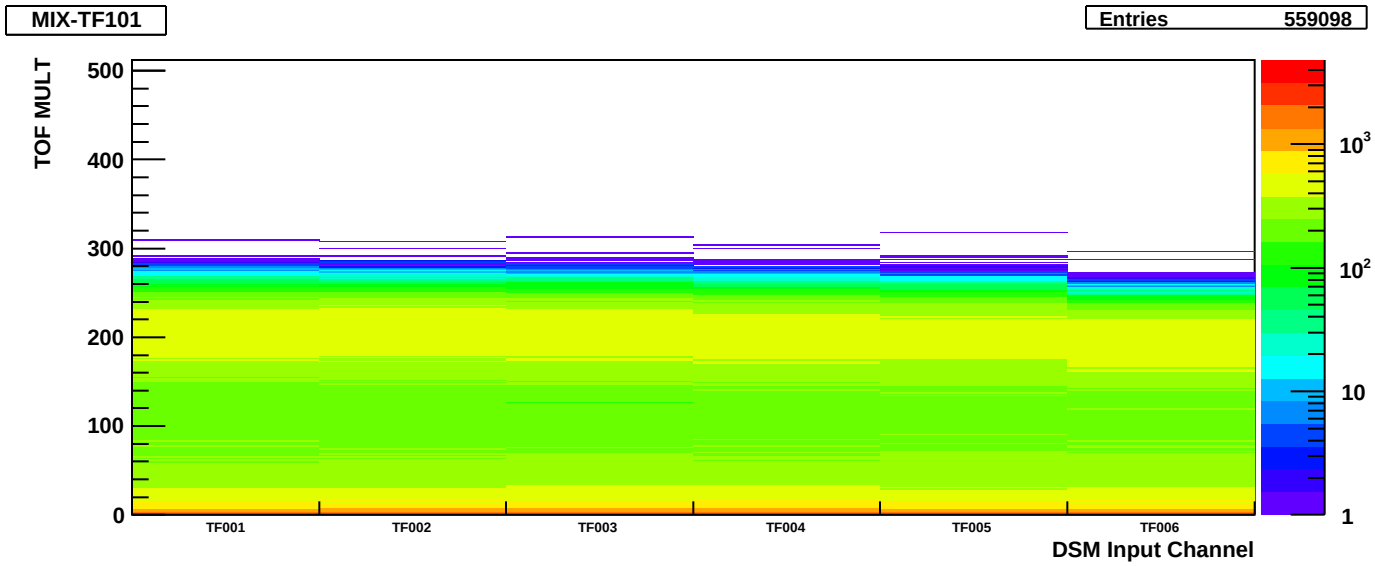

MIX-TF002
Entries 3913686
TOF MULT
TOF tray

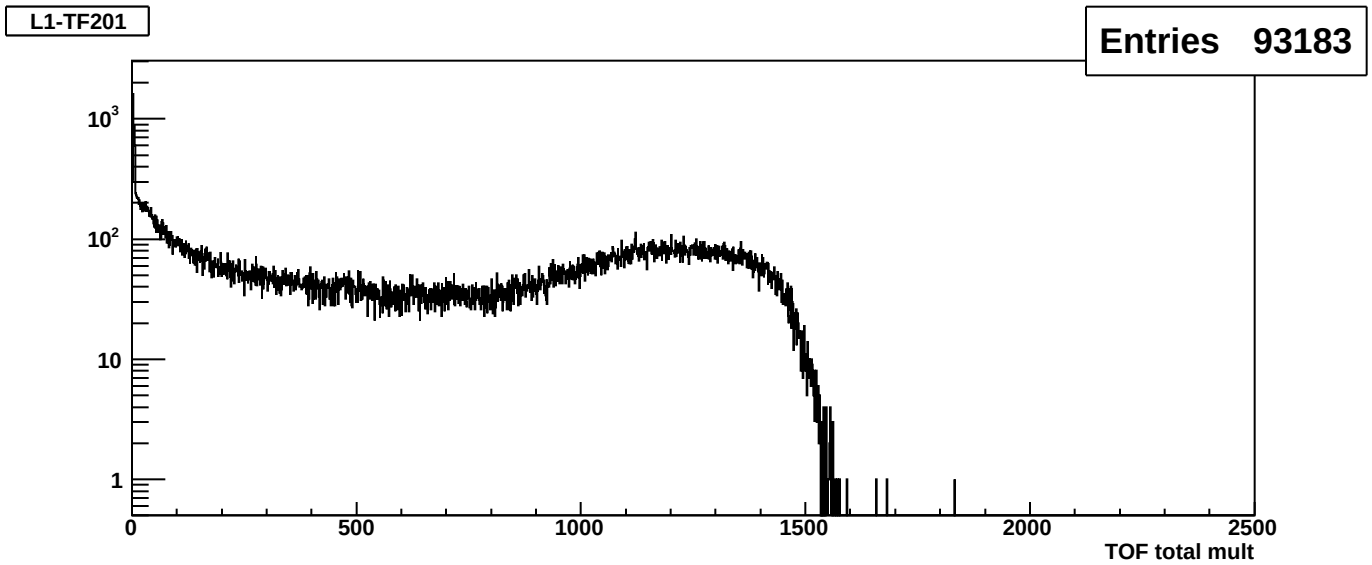

MIX-TF003
Entries 3913686
TOF MULT
TOF tray

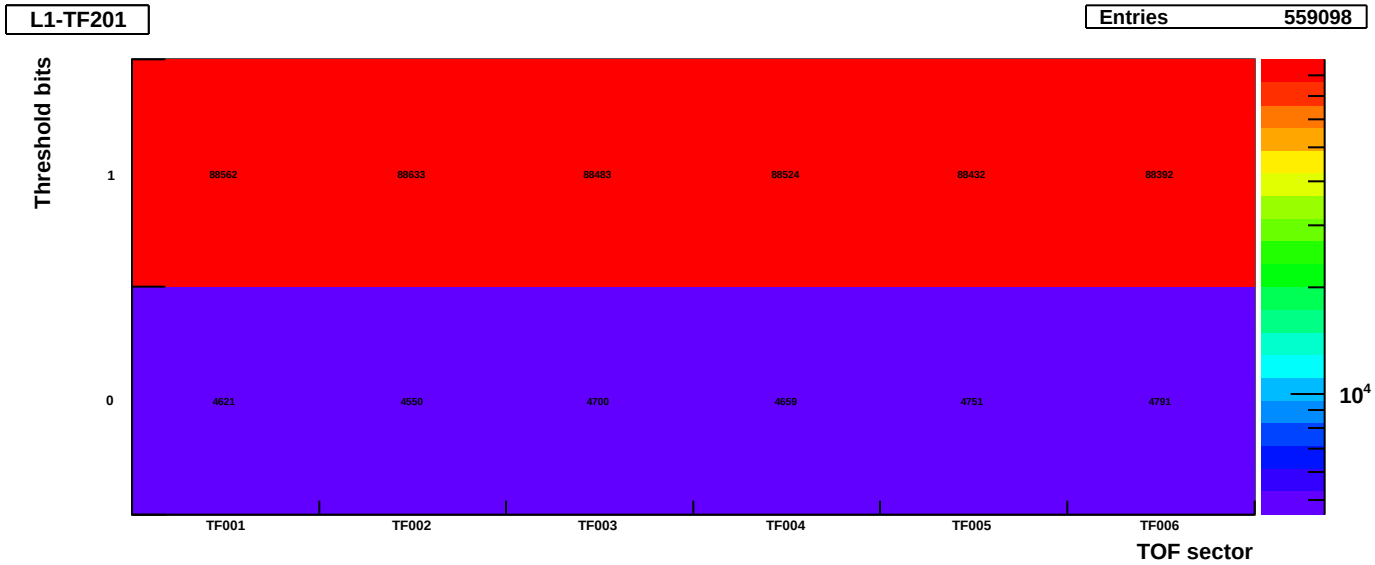

MIX-TF004
Entries 3913686
TOF MULT
TOF tray

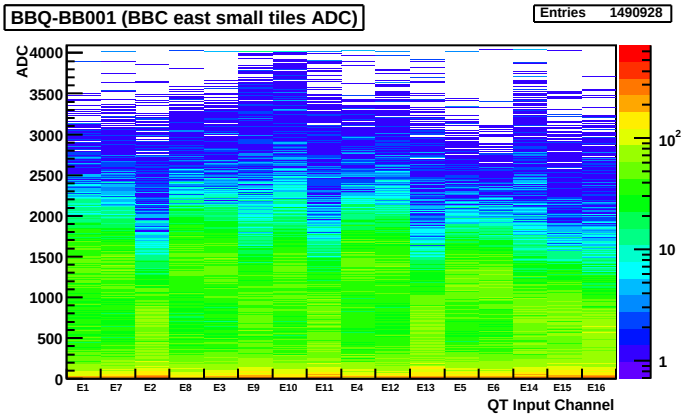

MIX-TF005
Entries 3913686
TOF MULT
TOF tray

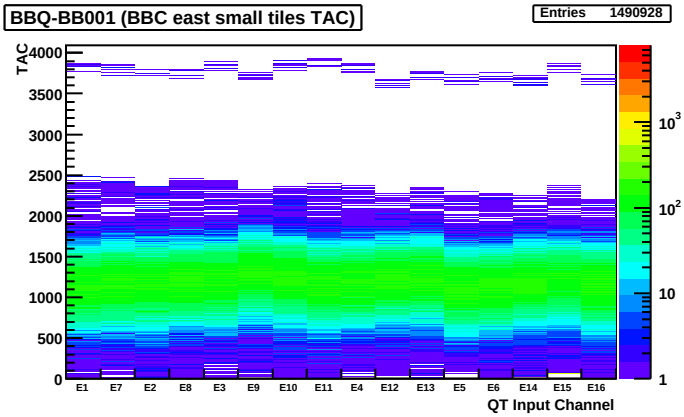

MIX-TF006
Entries 3913686
TOF MULT
TOF tray

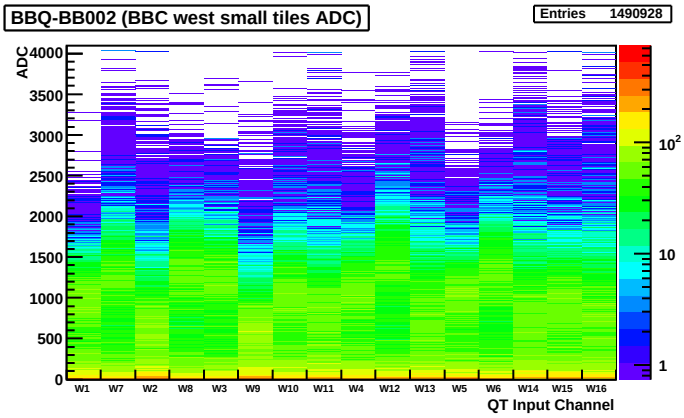

MIX-TF101
Entries 559098
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

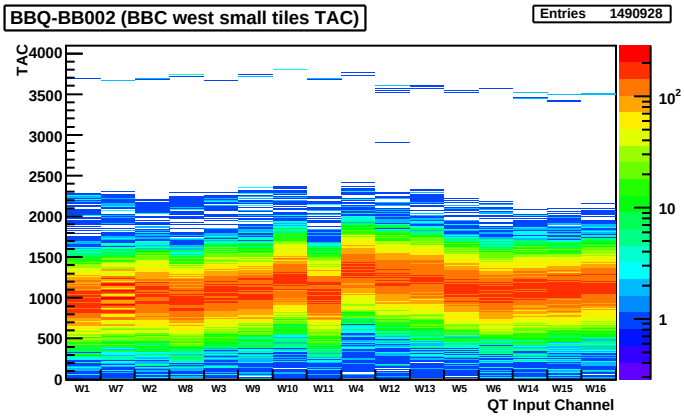

L1-TF201
Entries 93183
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

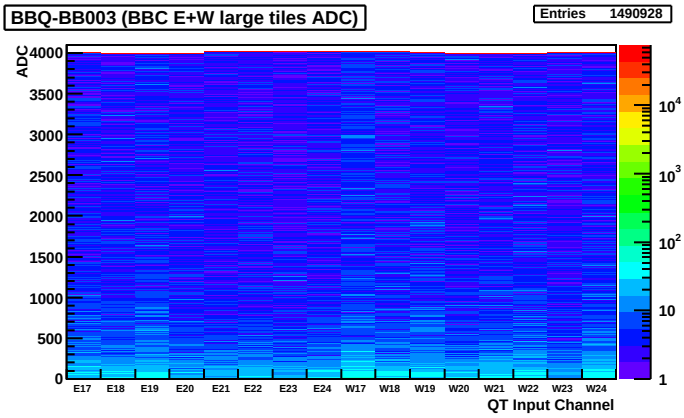

L1-TF201
Entries 559098
Threshold bits
1
0
88562
88633
88483
88524
88432
88392
4621
4550
4700
4659
4751
4791
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

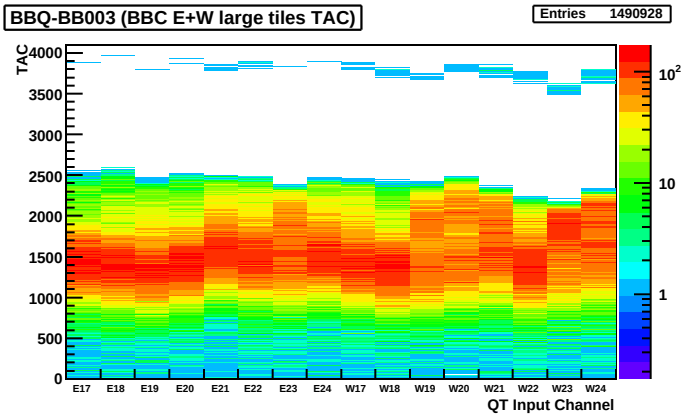

BBQ-BB001 (BBC east small tiles ADC)
Entries 1490928
ADC
QT Input Channel

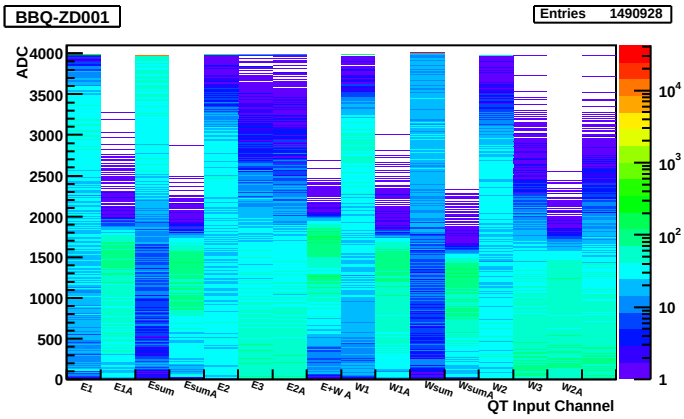

BBQ-BB001 (BBC east small tiles TAC)
Entries 1490928
TAC
QT Input Channel

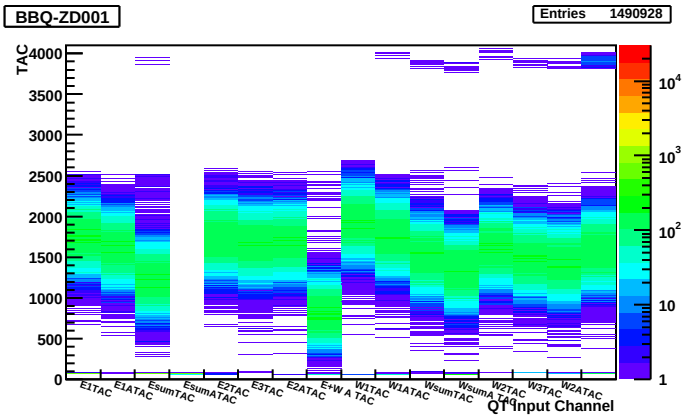

BBQ-BB002 (BBC west small tiles ADC)
Entries 1490928
ADC
QT Input Channel

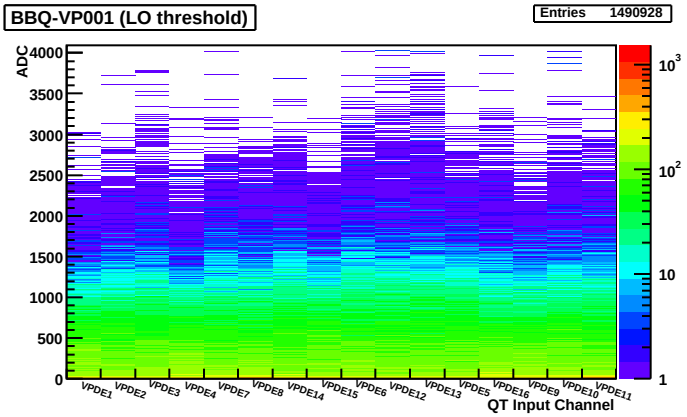

BBQ-BB002 (BBC west small tiles TAC)
Entries 1490928
TAC
QT Input Channel

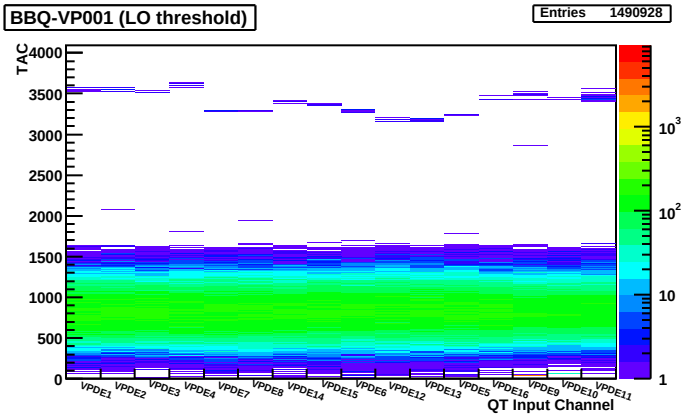

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1490928
ADC
QT Input Channel

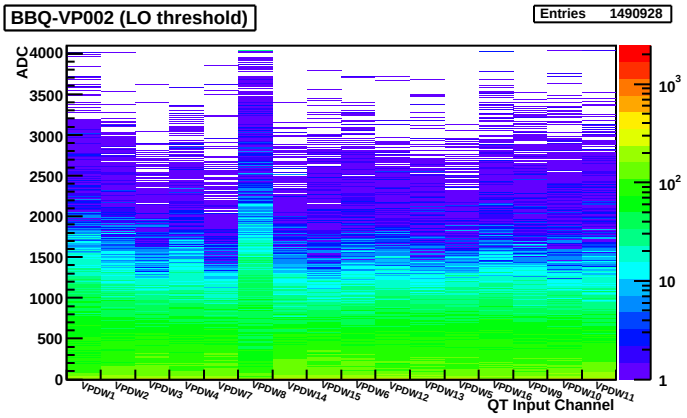

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1490928
TAC
QT Input Channel

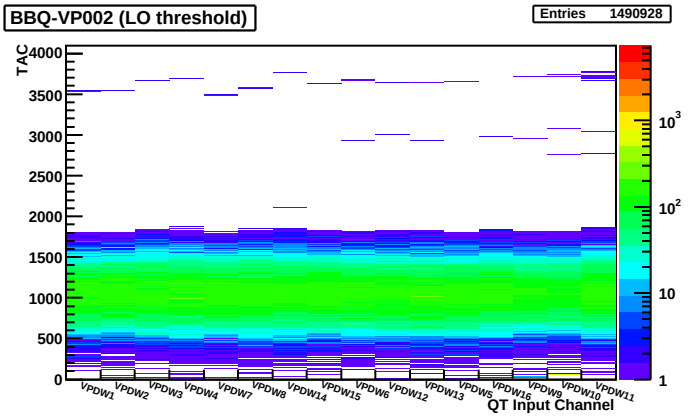

BBQ-ZD001
Entries 1490928
ADC
QT Input Channel

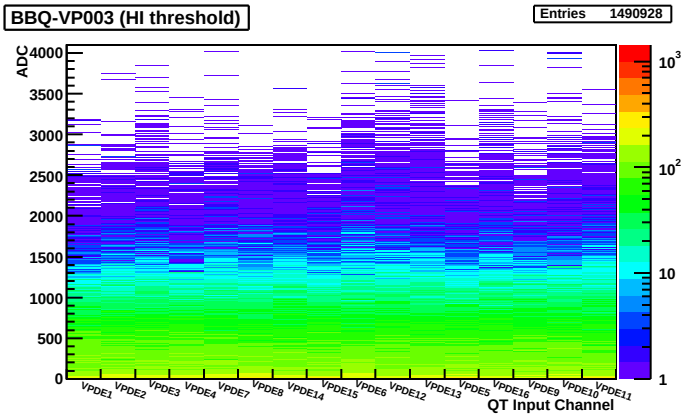

BBQ-ZD001
Entries 1490928
TAC
QT Input Channel

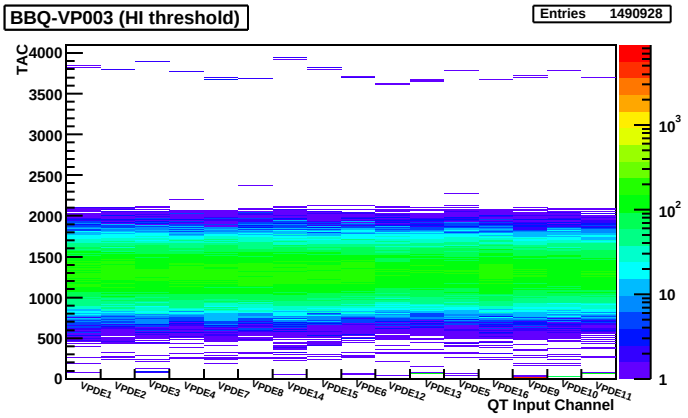

BBQ-VP001 (LO threshold)
Entries 1490928
ADC
QT Input Channel

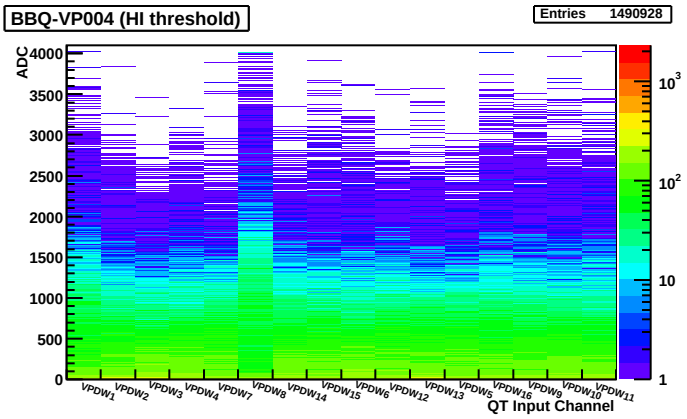

BBQ-VP001 (LO threshold)
Entries 1490928
TAC
QT Input Channel

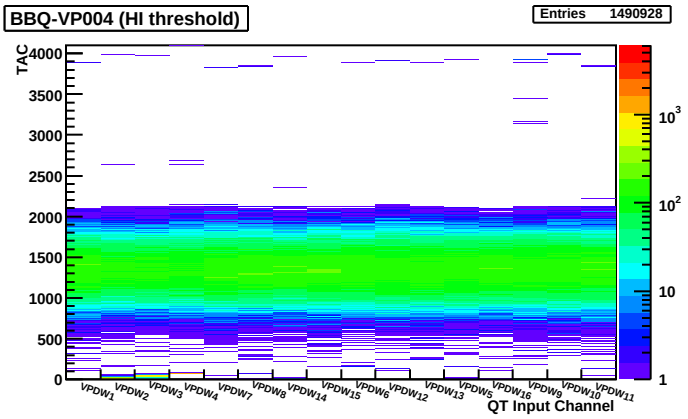

BBQ-VP002 (LO threshold)
Entries 1490928
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 1490928
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 1490928
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 1490928
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 1490928
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 1490928
TAC
QT Input Channel