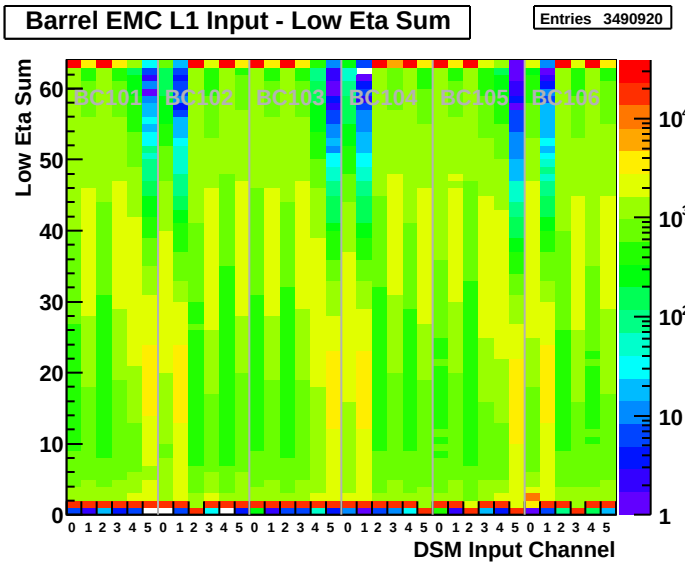
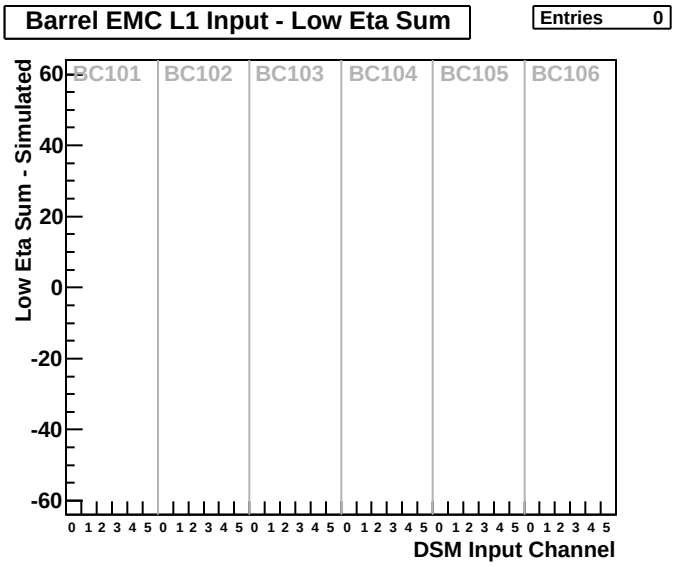
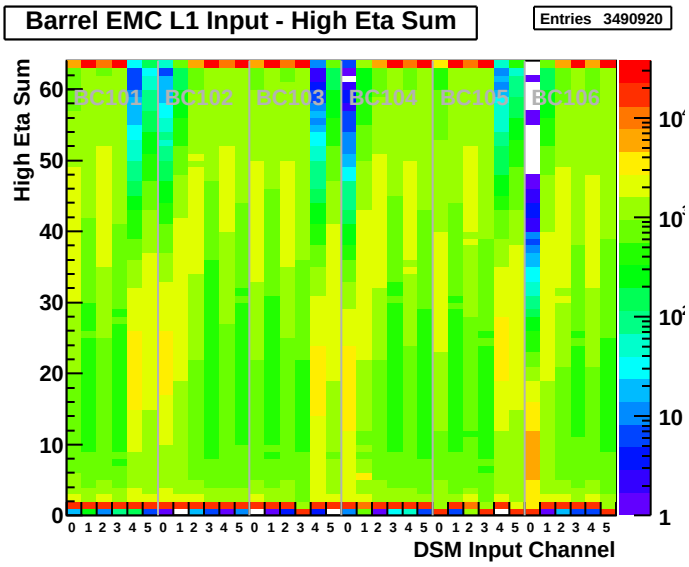
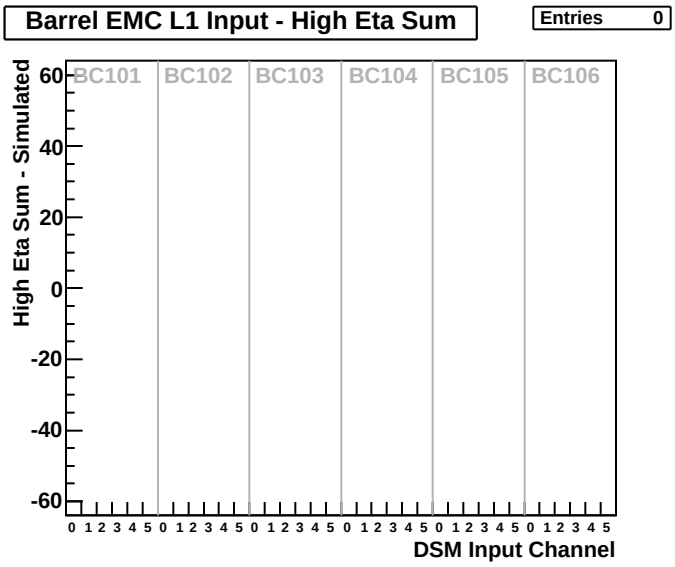
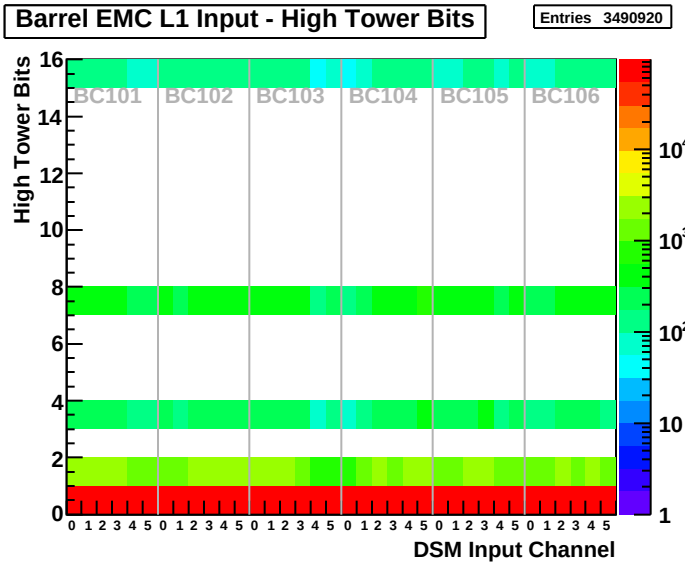
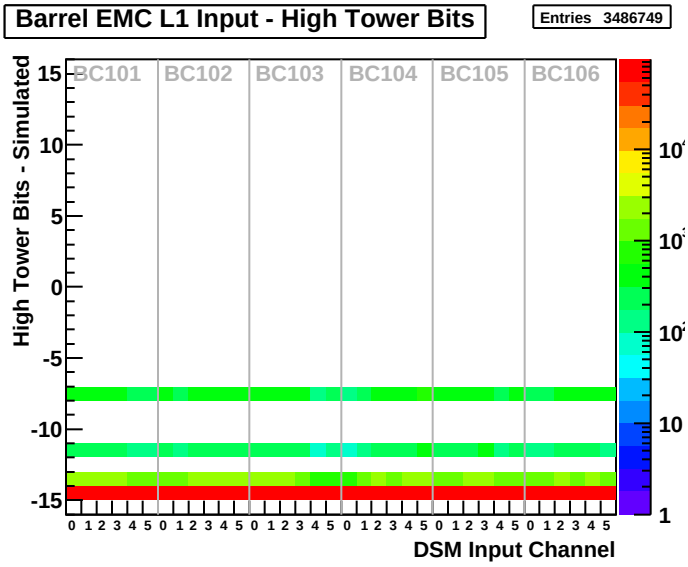

Barrel EMC L1 Input - Low Eta Sum
Entries 3490920
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

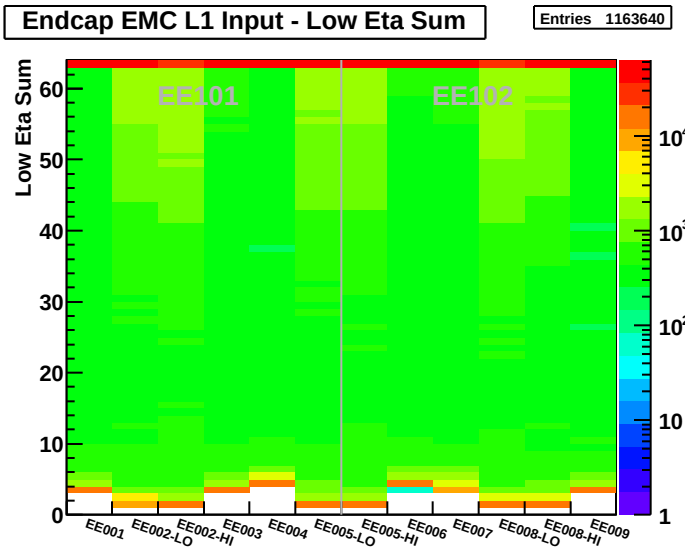

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

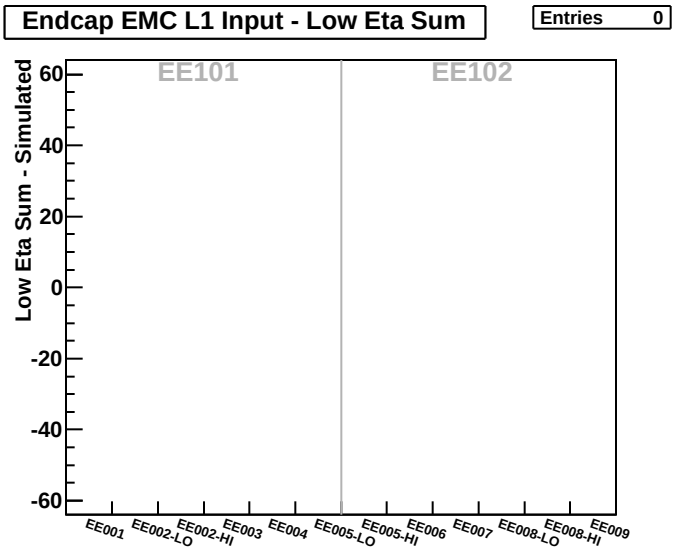

Barrel EMC L1 Input - High Eta Sum
Entries 3490920
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

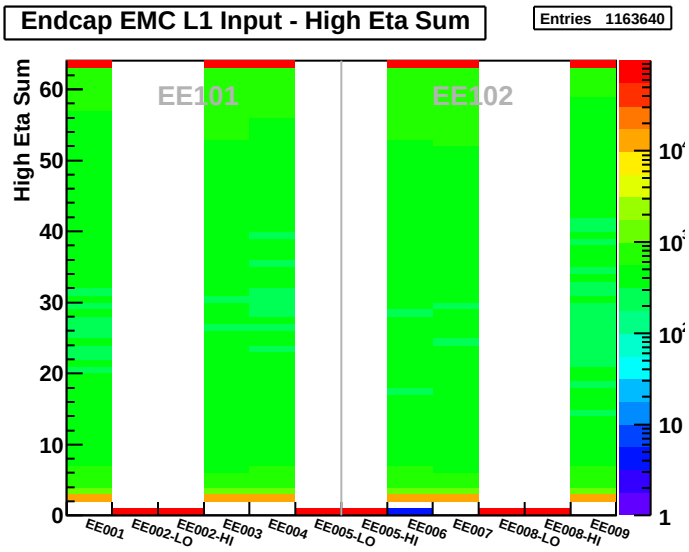

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

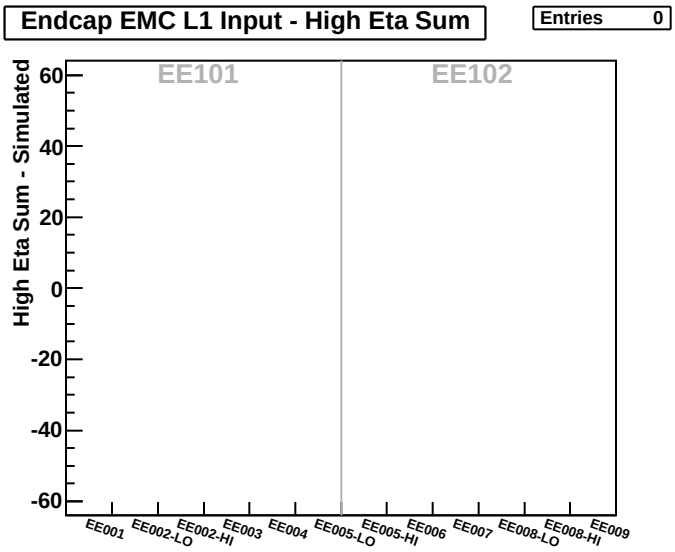

Barrel EMC L1 Input - High Tower Bits
Entries 3490920
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

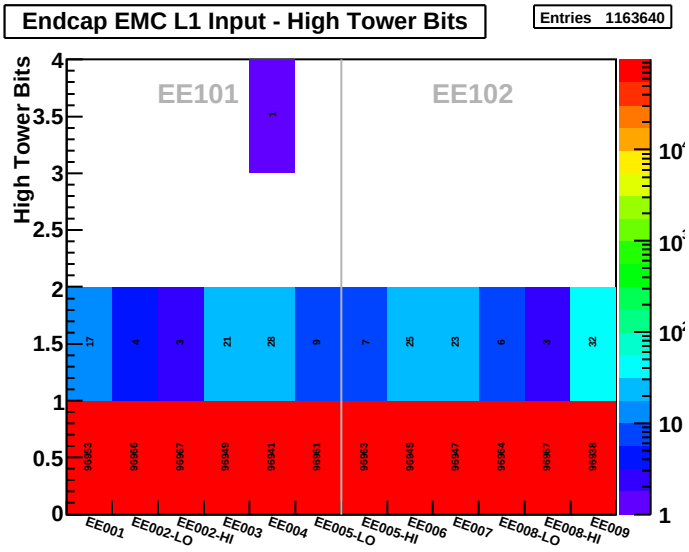

Barrel EMC L1 Input - High Tower Bits
Entries 3486749
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

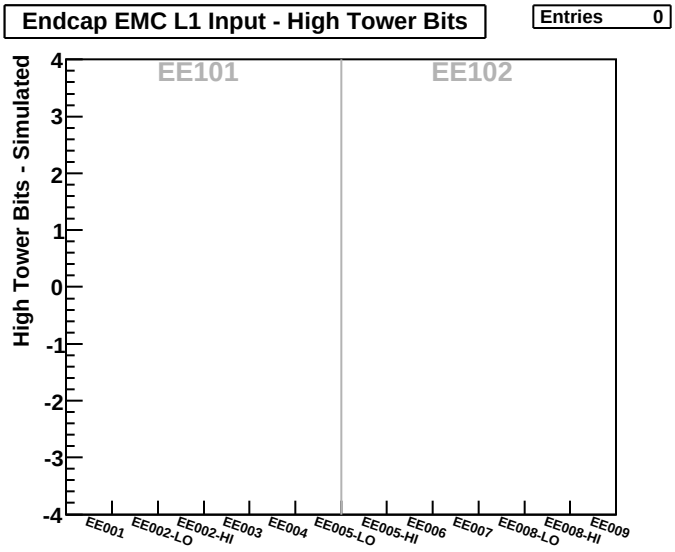

Endcap EMC L1 Input - Low Eta Sum
Entries 1163640
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

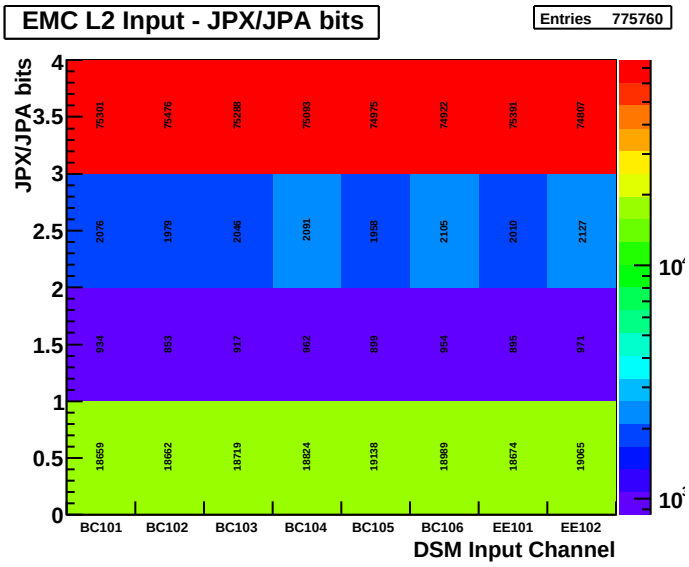

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

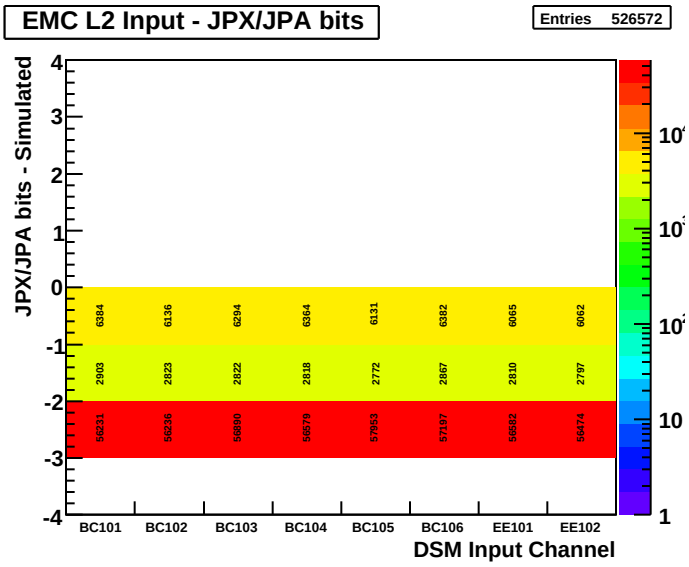

Endcap EMC L1 Input - High Eta Sum
Entries 1163640
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

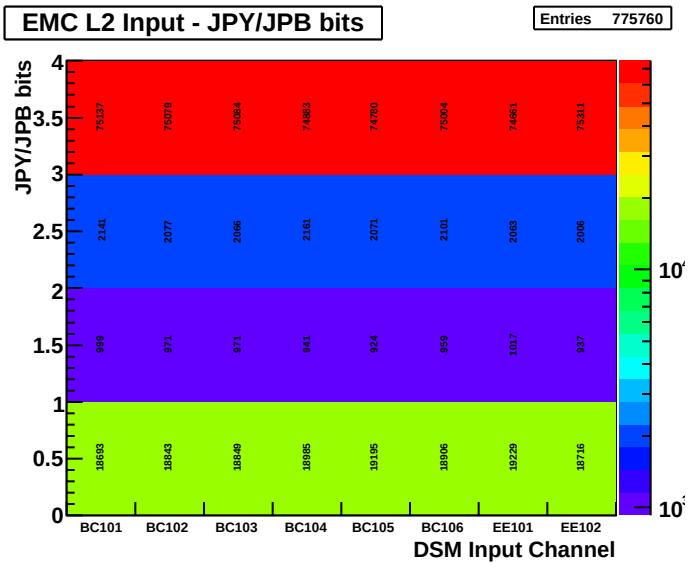

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

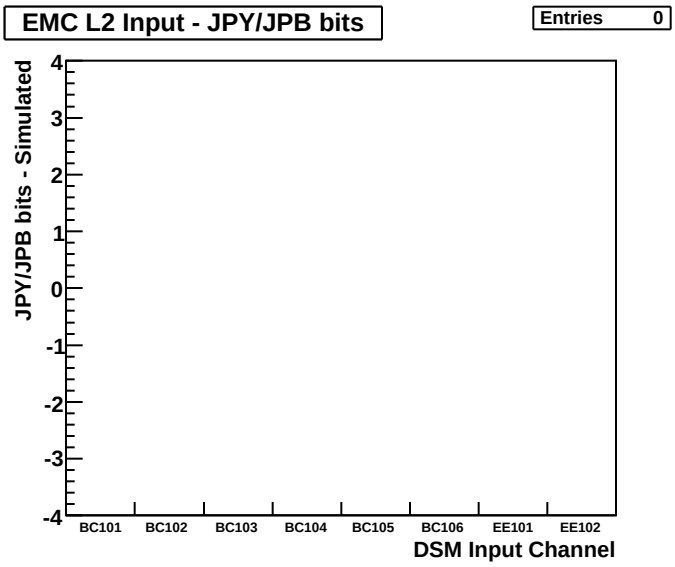

Endcap EMC L1 Input - High Tower Bits
Entries 1163640
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

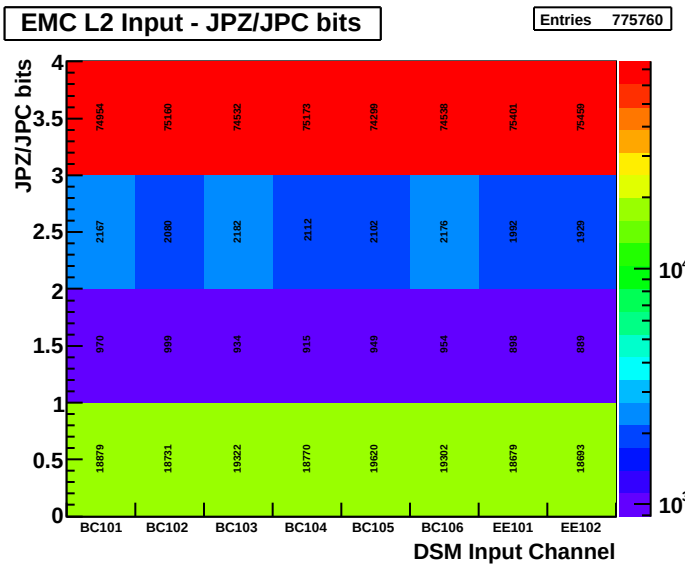

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

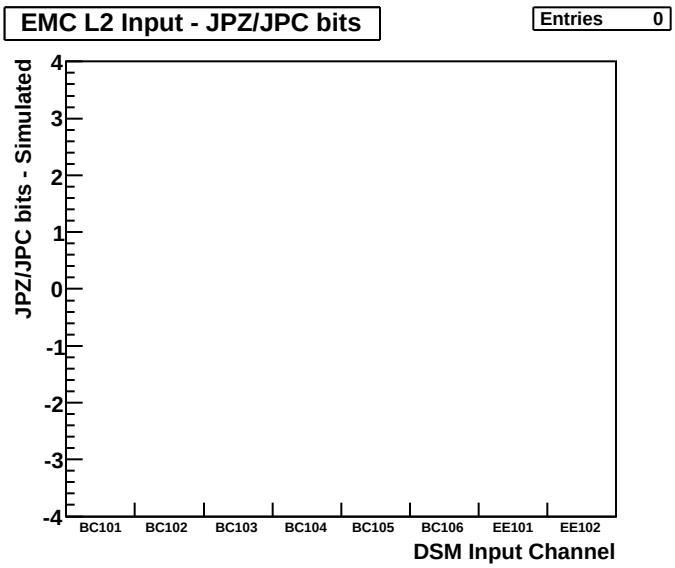

EMC L2 Input - JPX/JPA bits
Entries 775760
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
75301 75476 75288 75093 74975 74922 75391 74807
2076 1979 2046 2091 1958 2105 2010 2127
934 853 917 962 899 954 895 971
18659 18662 18719 18824 19138 18989 18674 19065

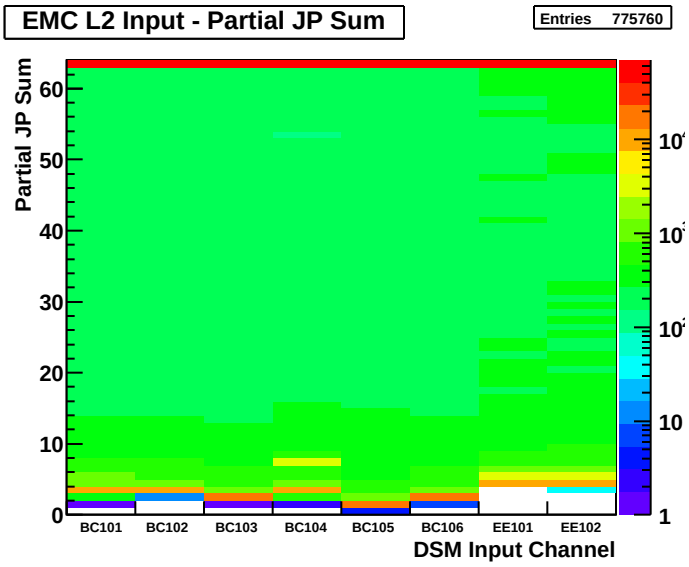

EMC L2 Input - JPX/JPA bits
Entries 526572
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
6384 6136 6294 6364 6131 6382 6065 6062
2903 2823 2822 2818 2772 2867 2810 2797
56231 56236 56390 56579 57053 57197 56582 56474

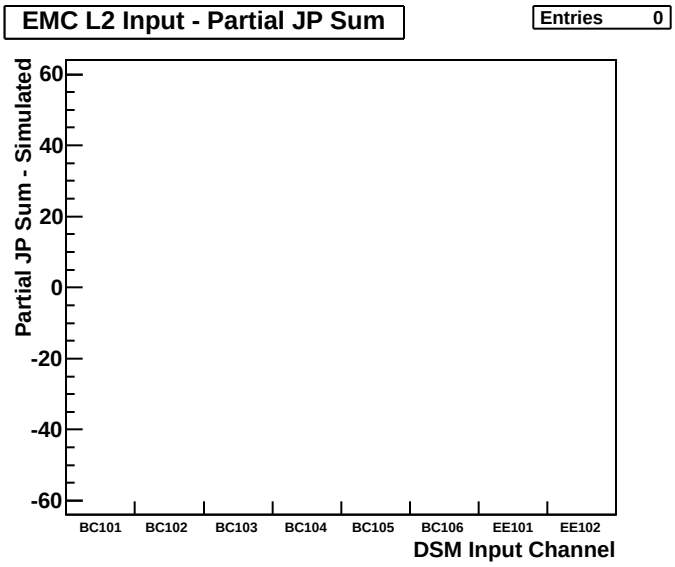

EMC L2 Input - JPY/JPB bits
Entries 775760
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
75137 75079 75084 74883 74780 75004 74681 75311
2141 2077 2066 2161 2071 2101 2063 2006
999 971 971 941 924 959 1017 937
18693 18843 18849 18985 19195 18906 19229 18716

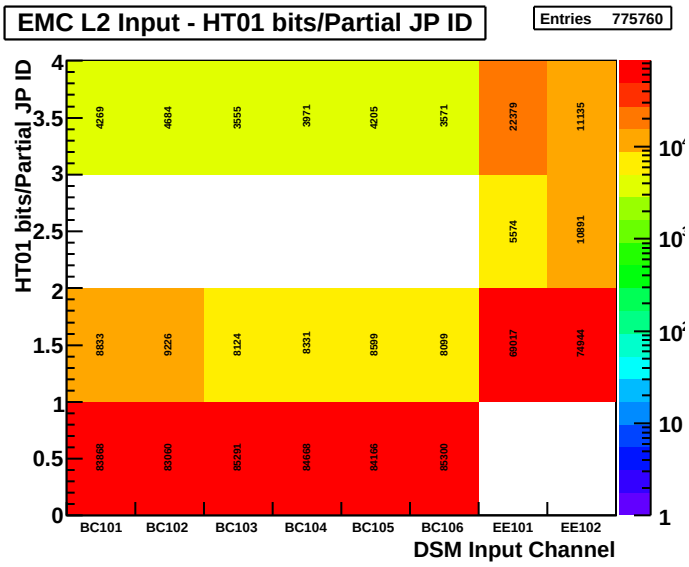

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

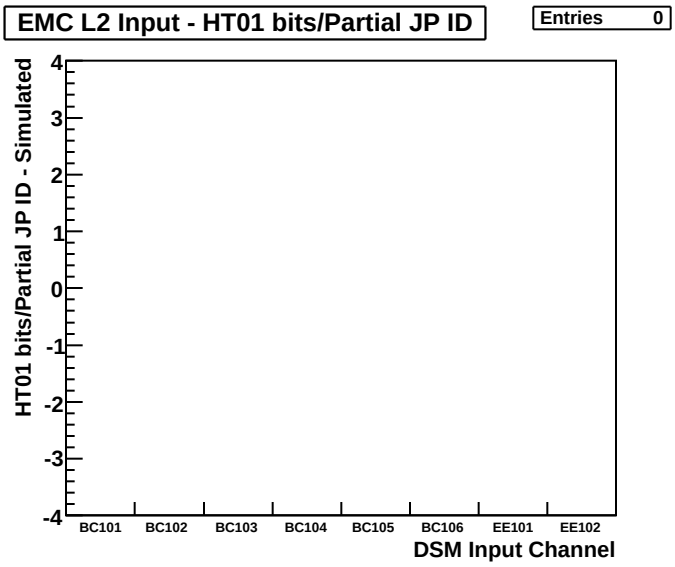

EMC L2 Input - JPZ/JPC bits
Entries 775760
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
74954 75160 74532 75173 74299 74538 75401 75459
2167 2080 2182 2112 2102 2176 1992 1929
970 999 934 915 949 954 898 839
18879 18731 19322 18770 19620 19302 18679 18693

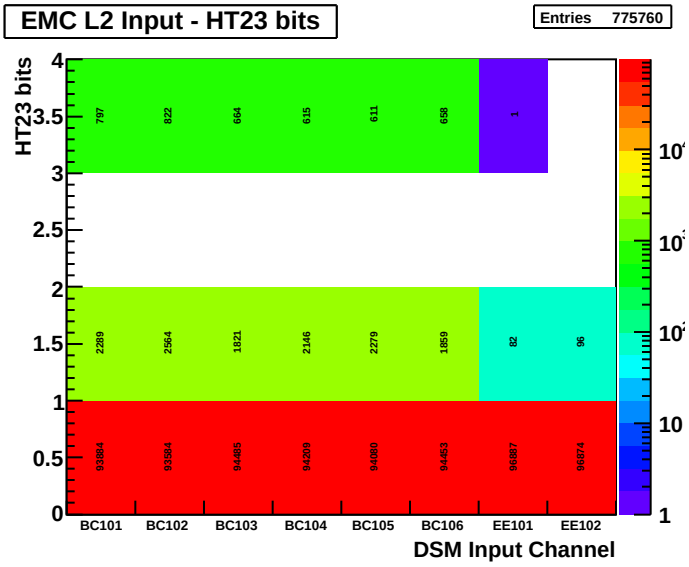

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

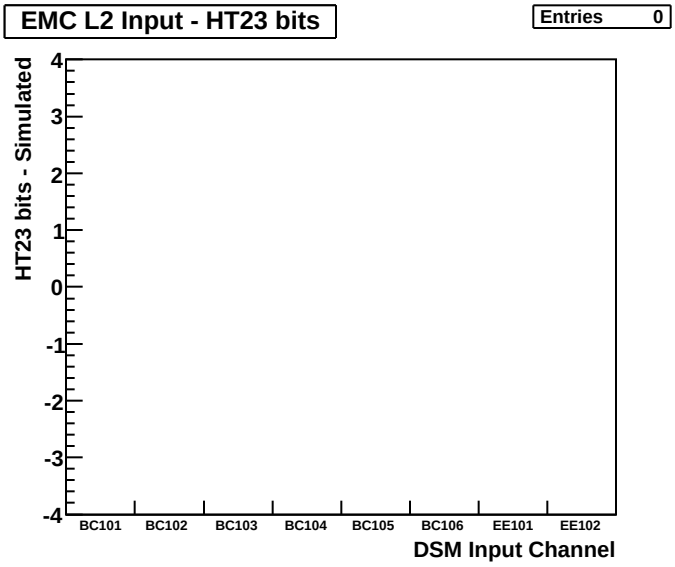

EMC L2 Input - Partial JP Sum
Entries 775760
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

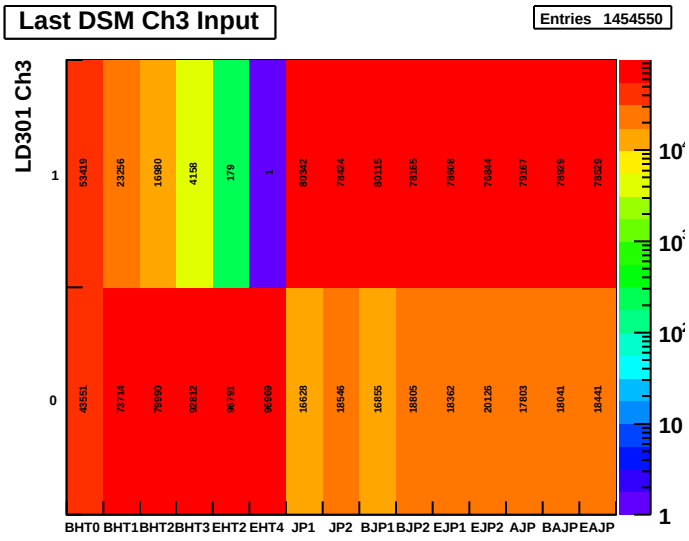

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

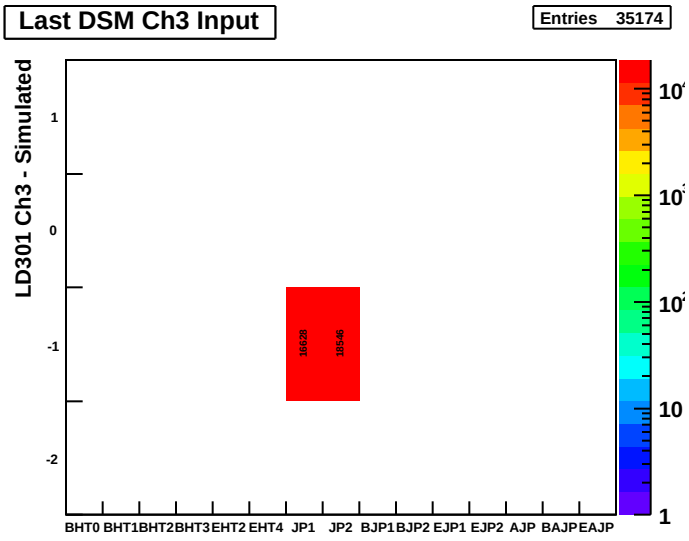

EMC L2 Input - HT01 bits/Partial JP ID
Entries 775760
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

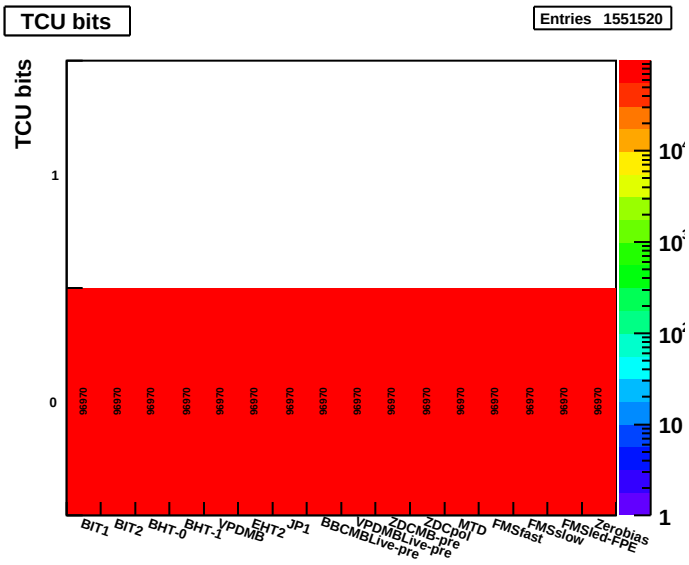

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

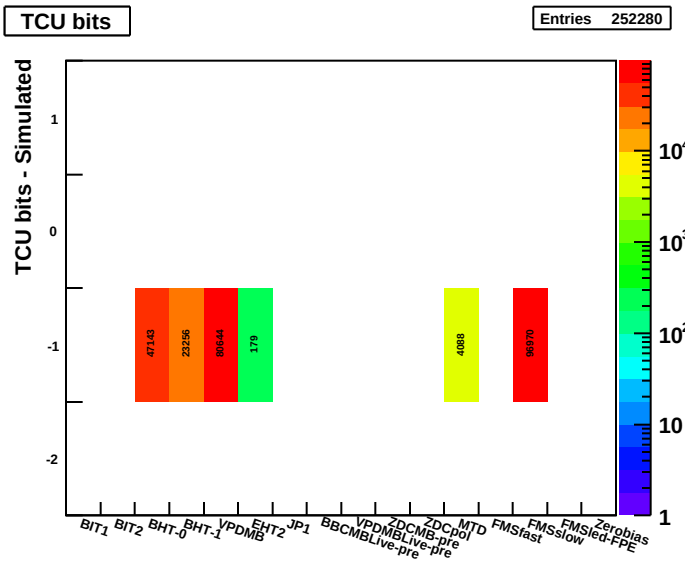

EMC L2 Input - HT23 bits
Entries 775760
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

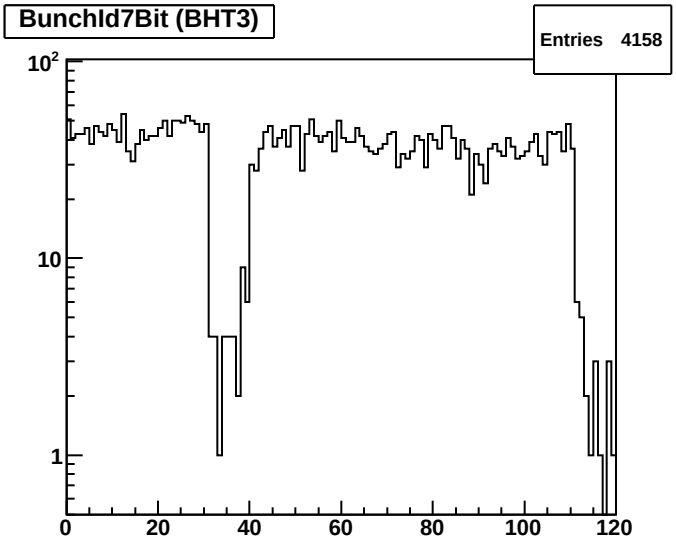

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

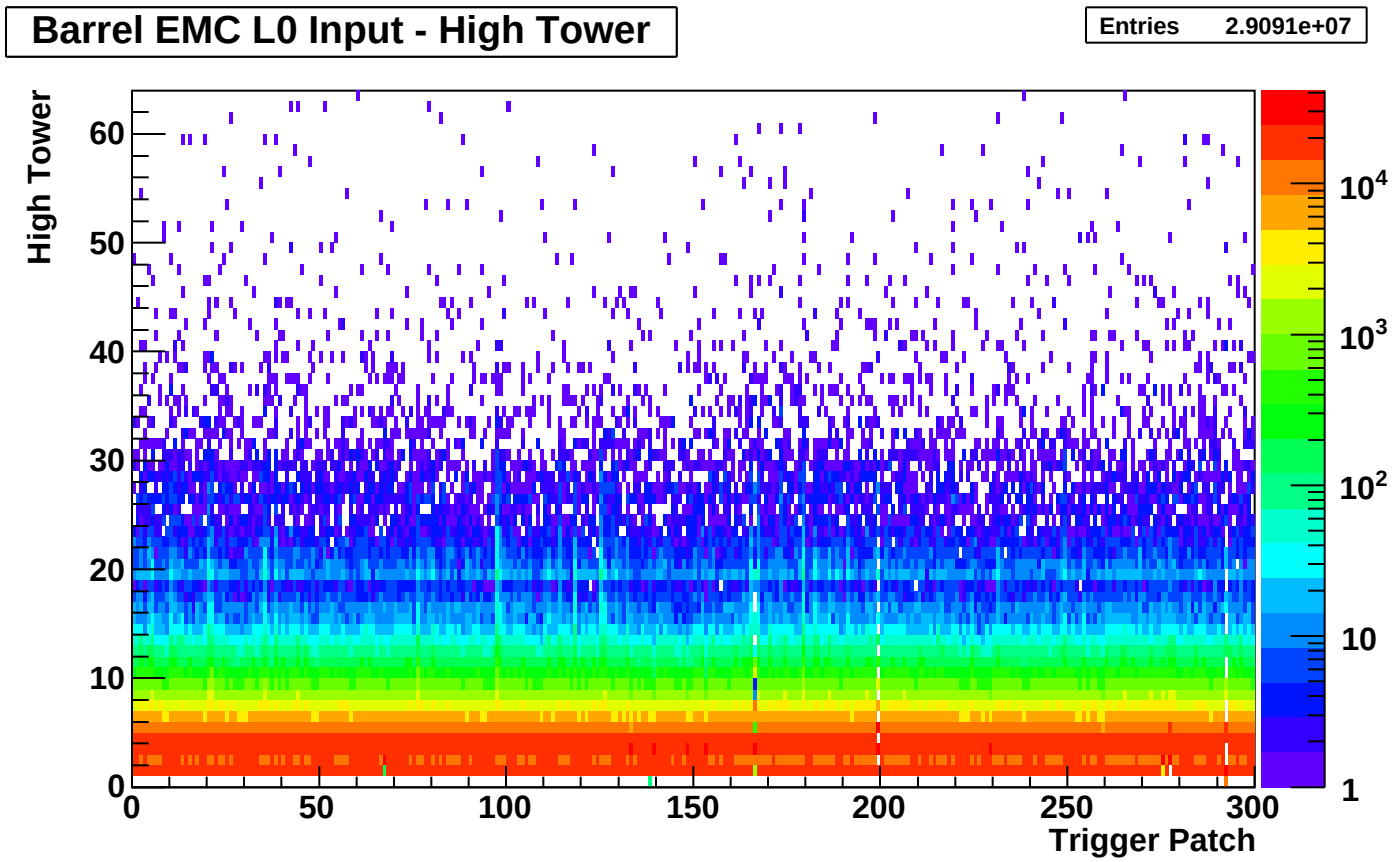

Last DSM Ch3 Input
Entries 1454550
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

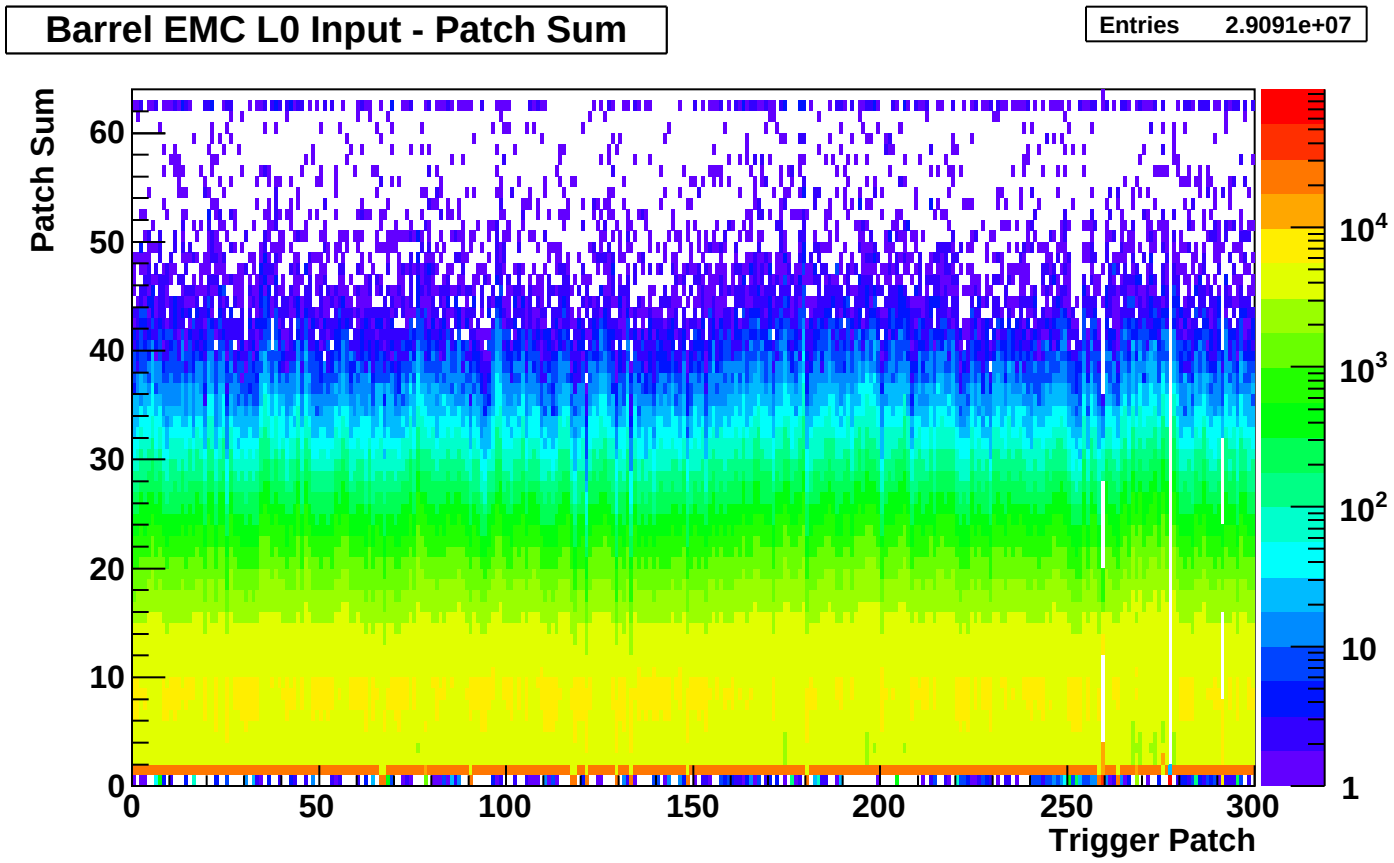

Last DSM Ch3 Input
Entries 35174
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

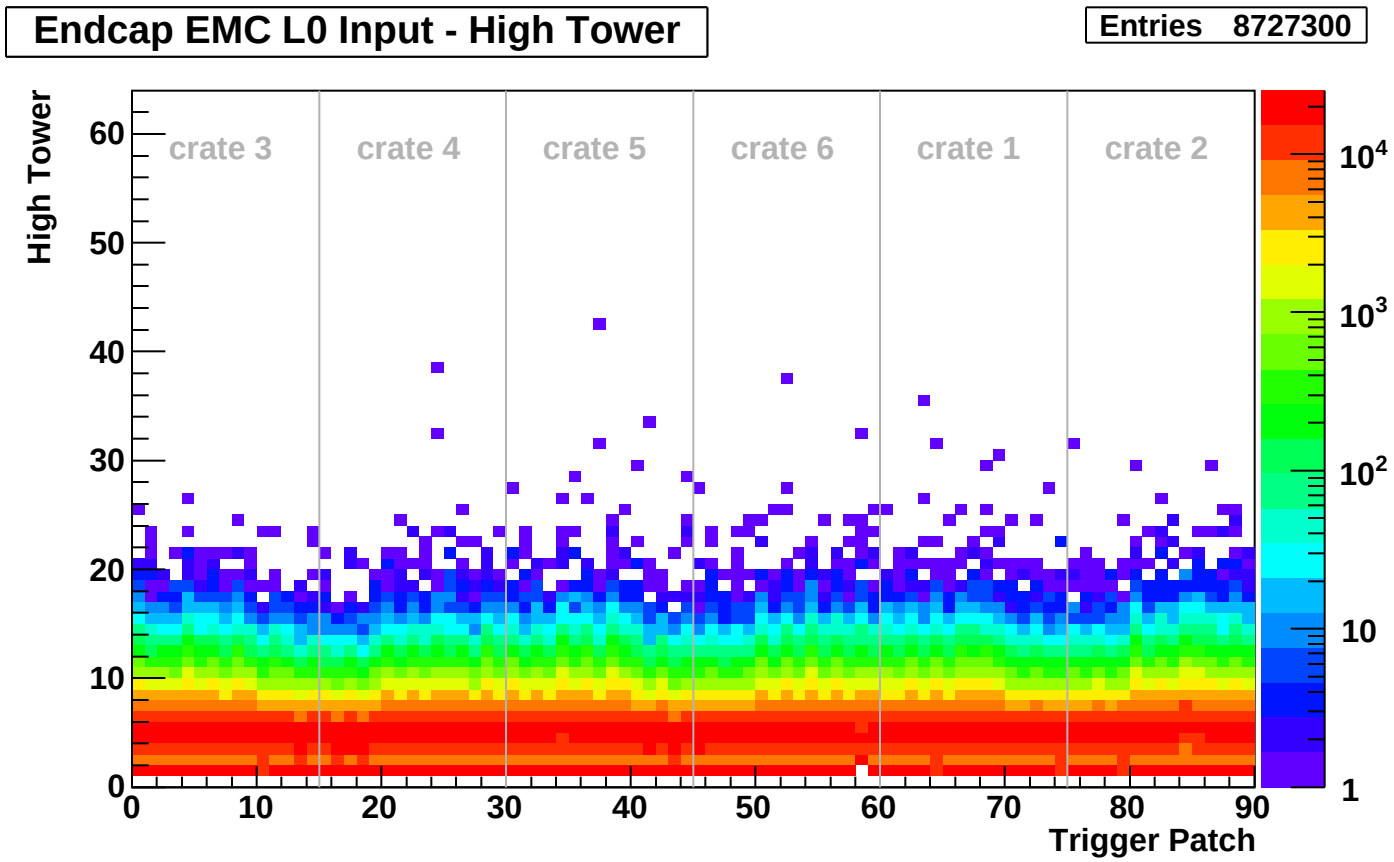

TCU bits
Entries 1551520
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

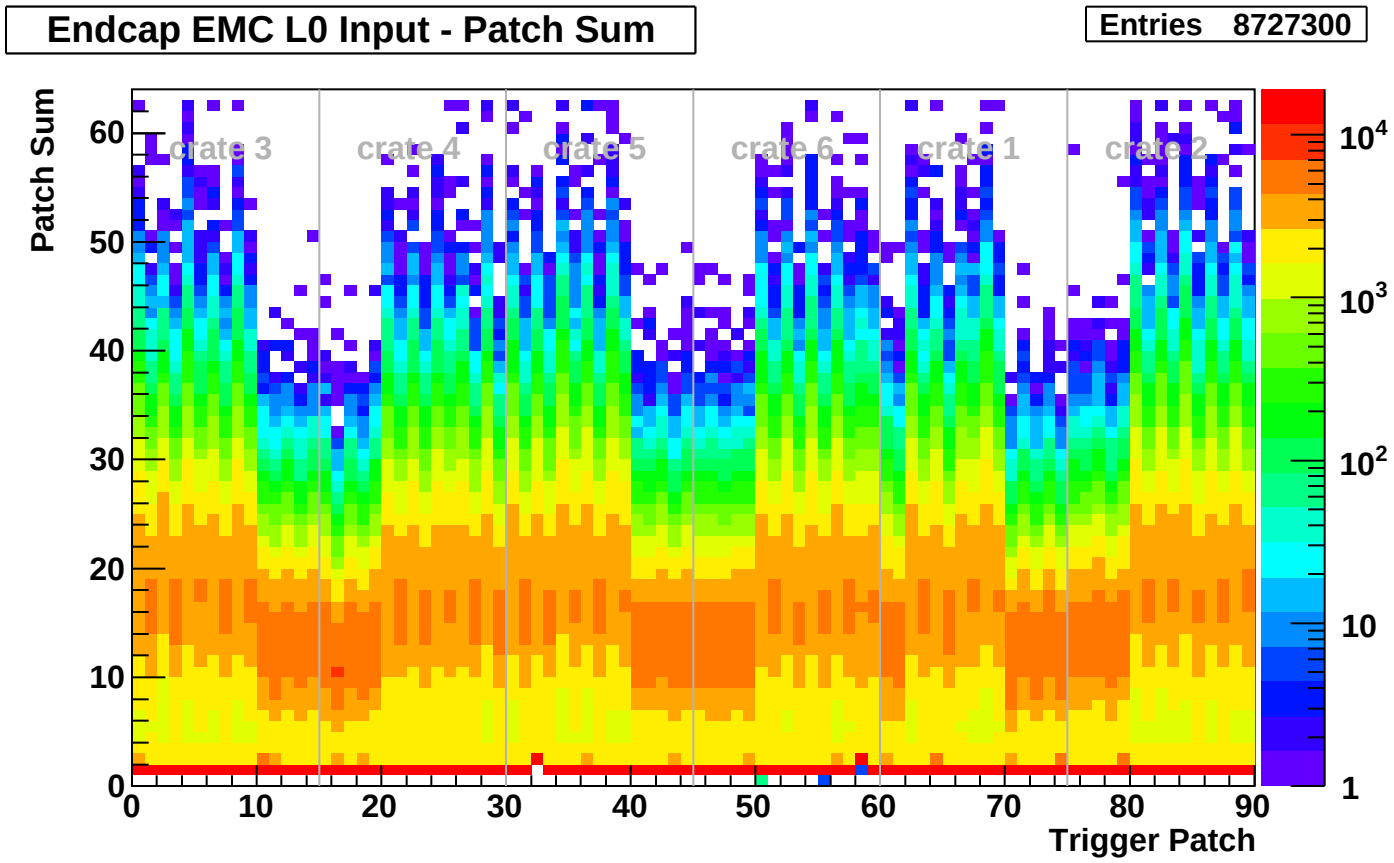

TCU bits
Entries 252280
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

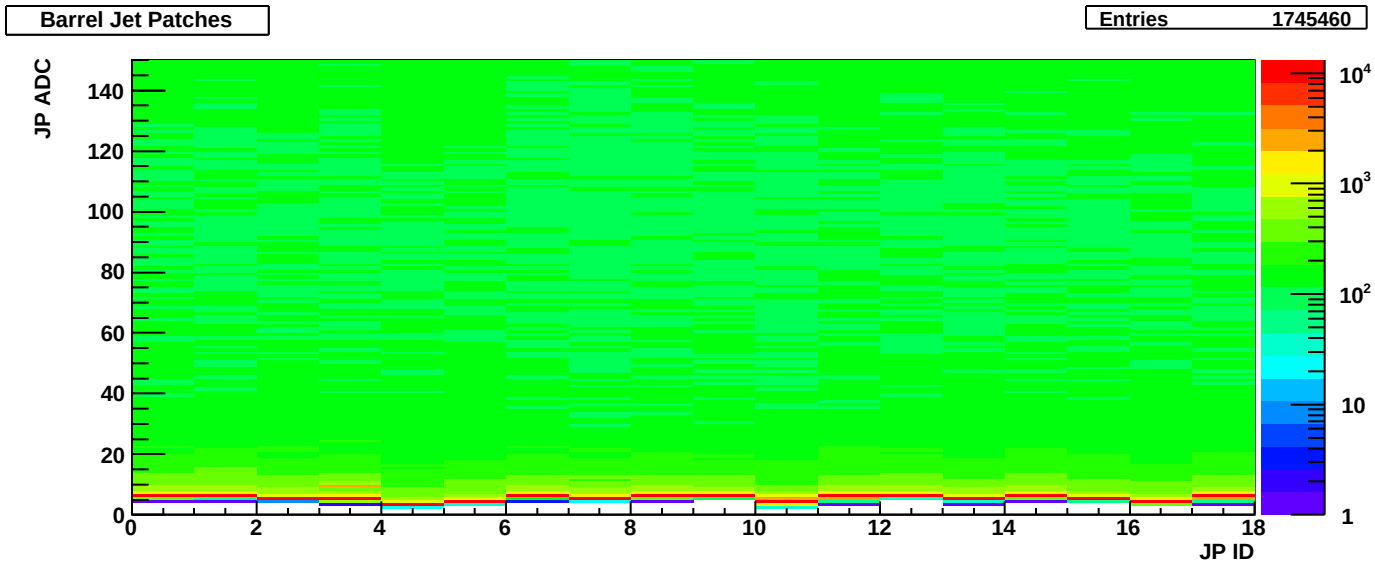

BunchId7Bit (BHT3)
Entries 4158

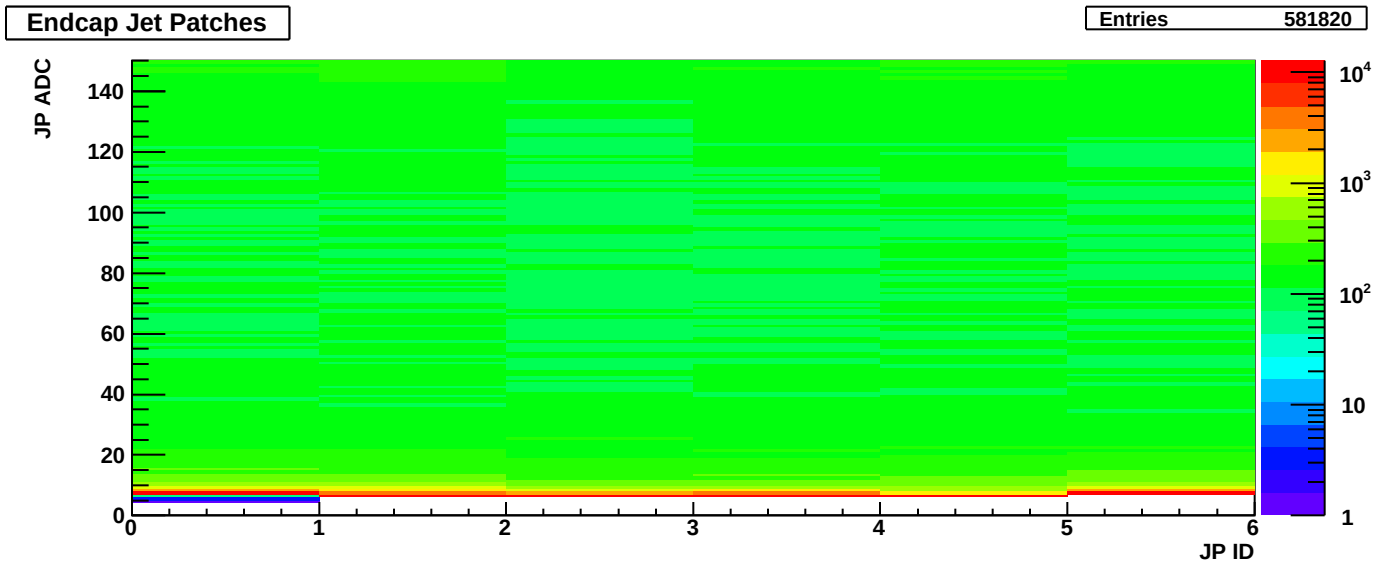

Barrel EMC L0 Input - High Tower
Entries 2.9091e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

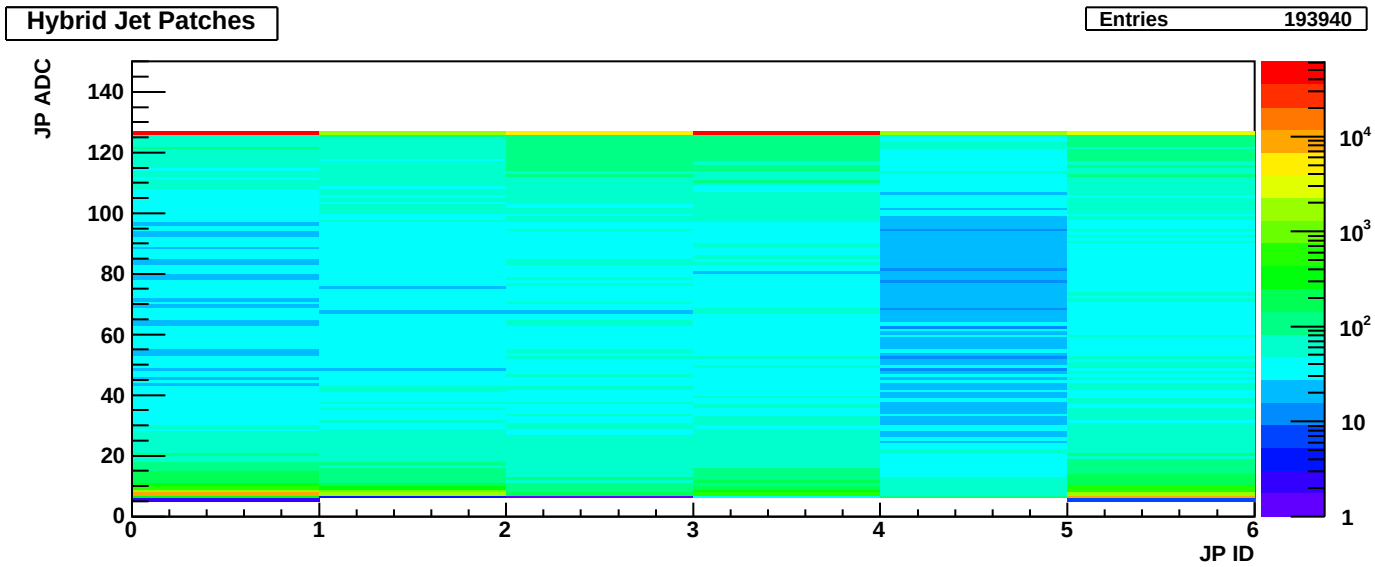

Barrel EMC L0 Input - Patch Sum
Entries 2.9091e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4


Endcap EMC L0 Input - High Tower
Entries 8727300
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch


Endcap EMC L0 Input - Patch Sum
Entries 8727300
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

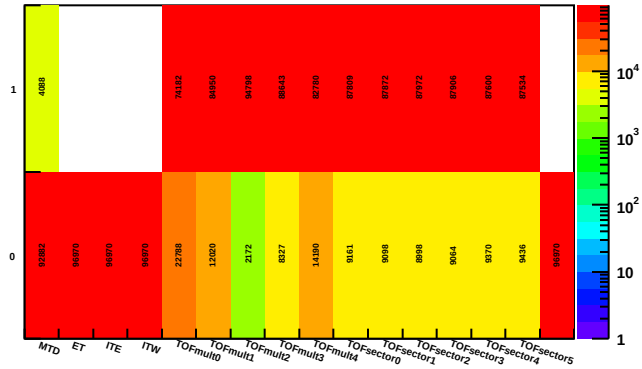

Barrel Jet Patches
Entries 1745460
JP ADC
JP ID


Endcap Jet Patches
Entries 581820
JP ADC
JP ID


Hybrid Jet Patches
Entries 193940
JP ADC
JP ID

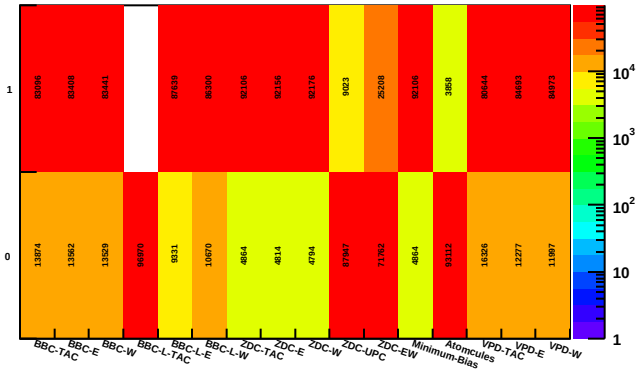
TF201 0-15 (ch0)

Entries 1551520



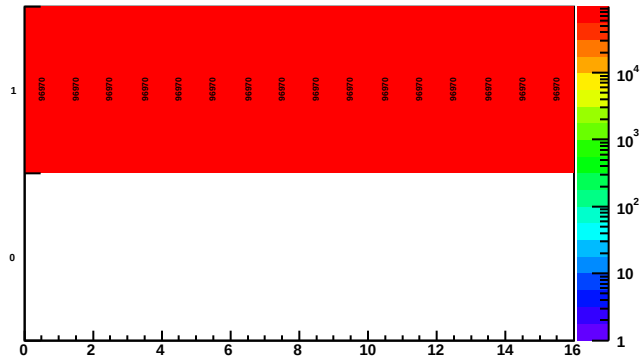
VT201 0-15 (ch1)

Entries 1551520



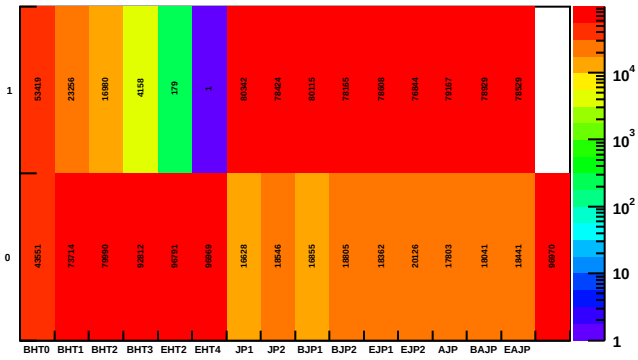
Unused (ch2)

Entries 1551520



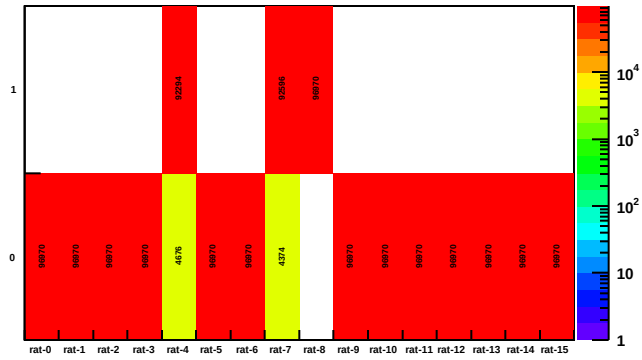
EM201 0-15 (ch3)

Entries 1551520



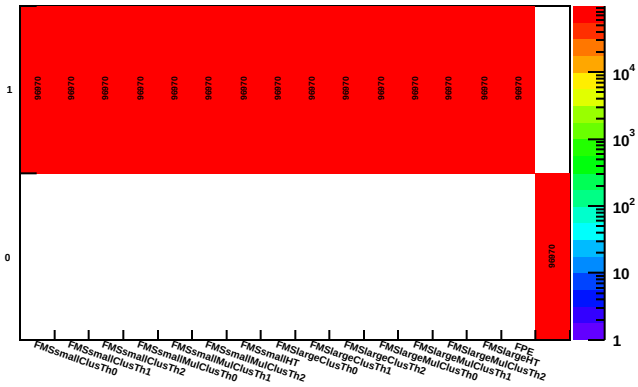
RAT board (ch4)

Entries 1551520



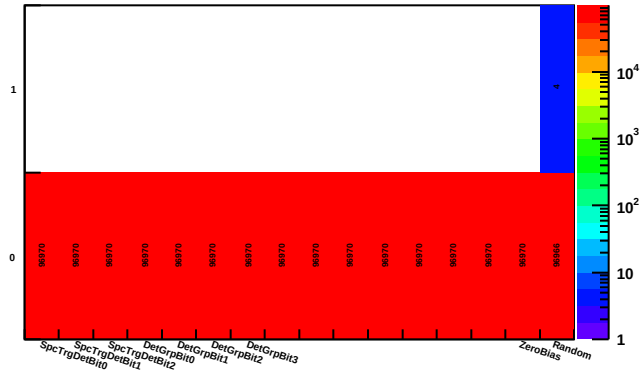
FP201 0-15 (ch5)

Entries 1551520



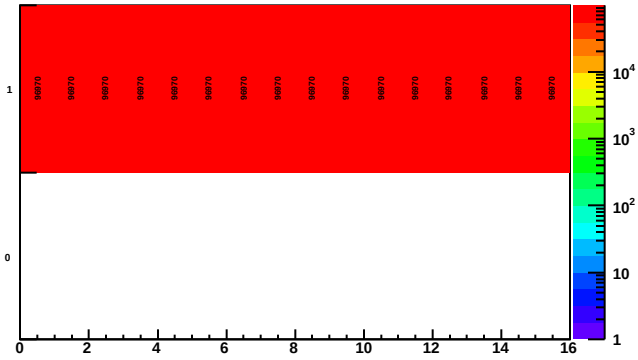
ST201 0-15 (ch6)

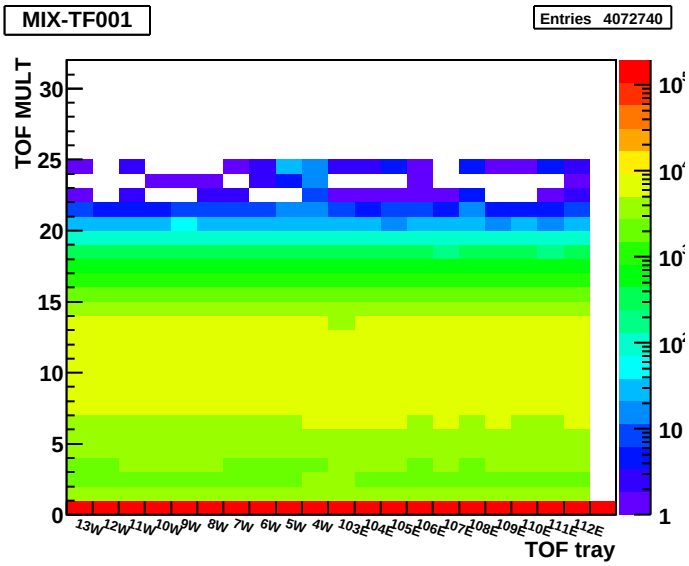
Entries 1551520

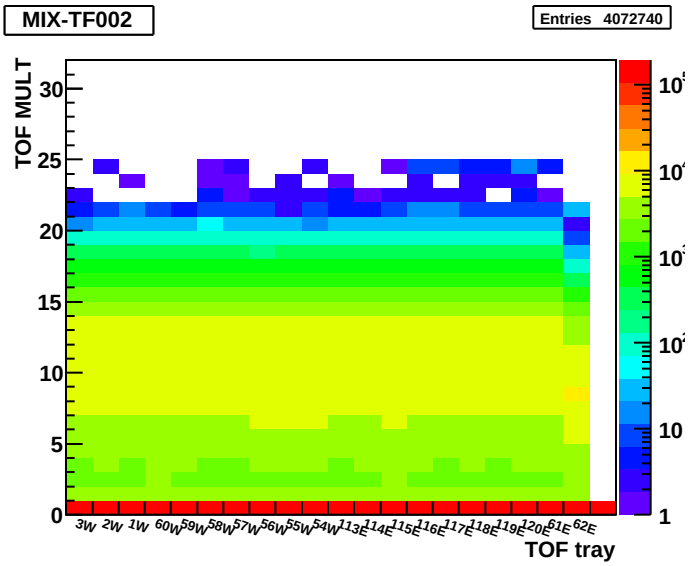


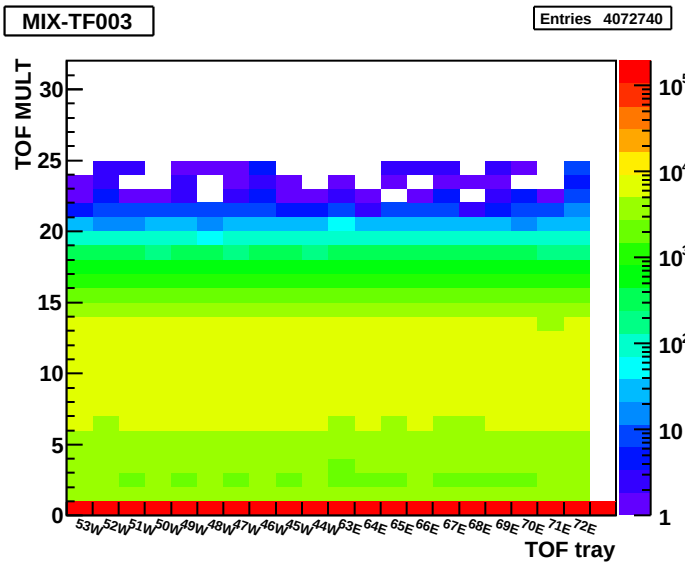
Unused (ch7)

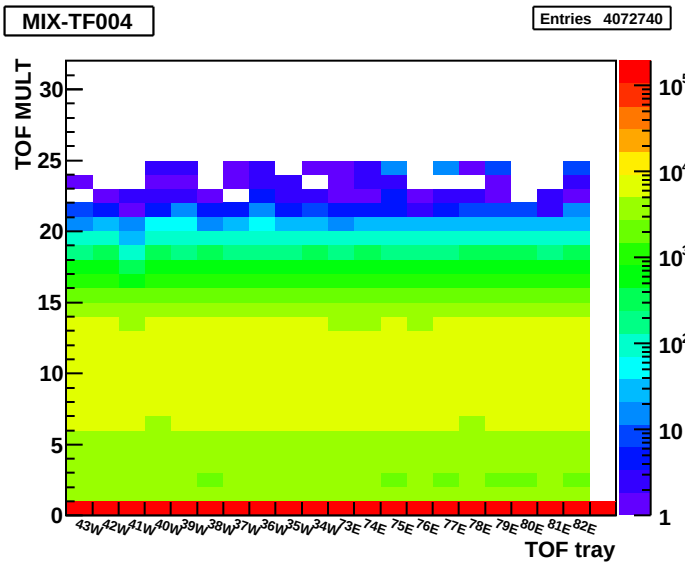
Entries 1551520

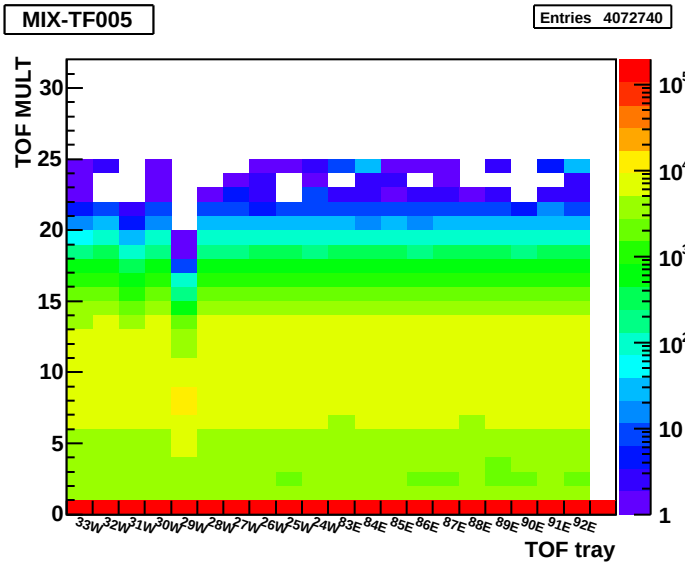


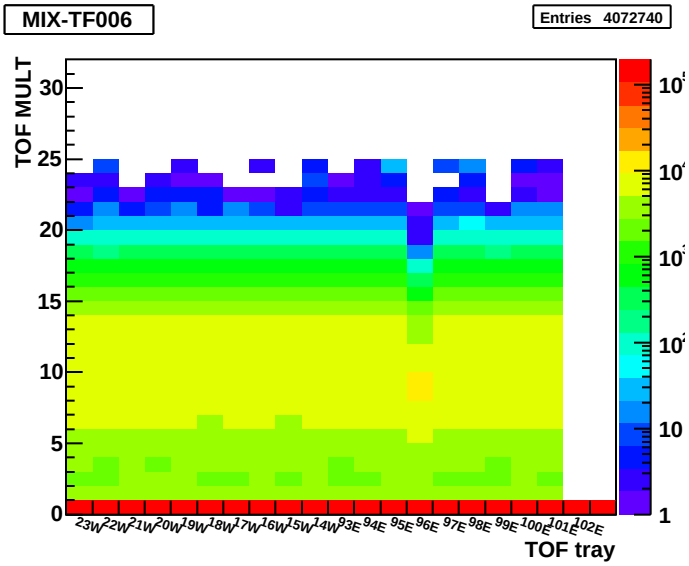

MIX-TF001
Entries 4072740
TOF MULT
TOF tray

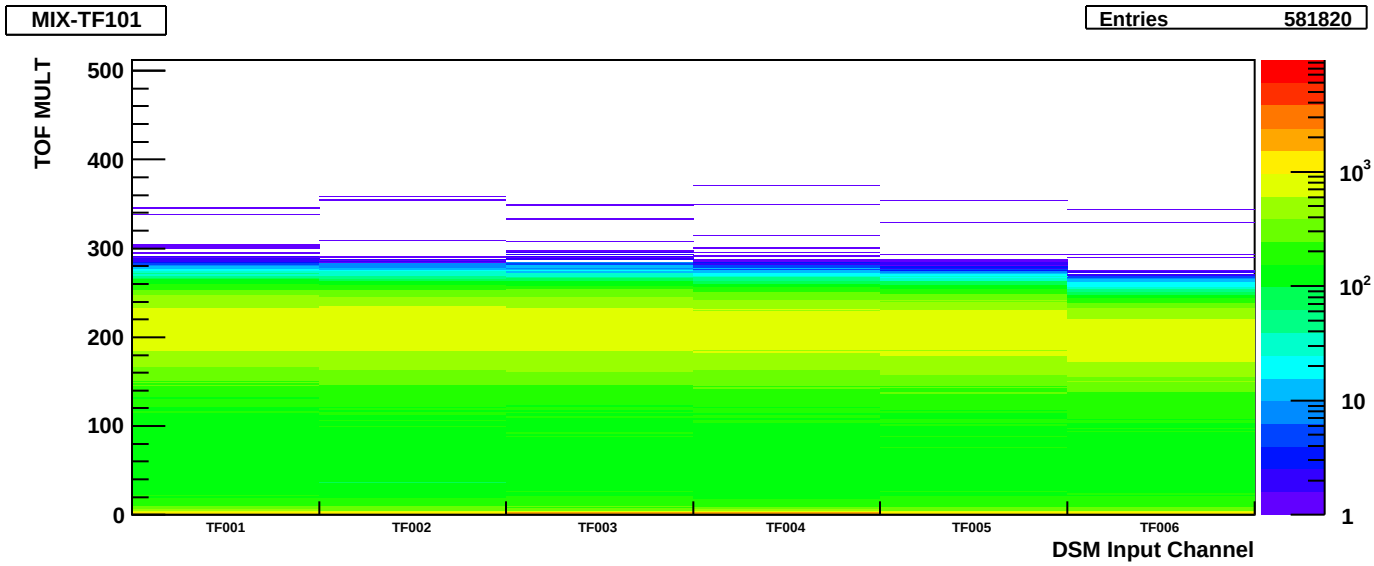

MIX-TF002
Entries 4072740
TOF MULT
TOF tray

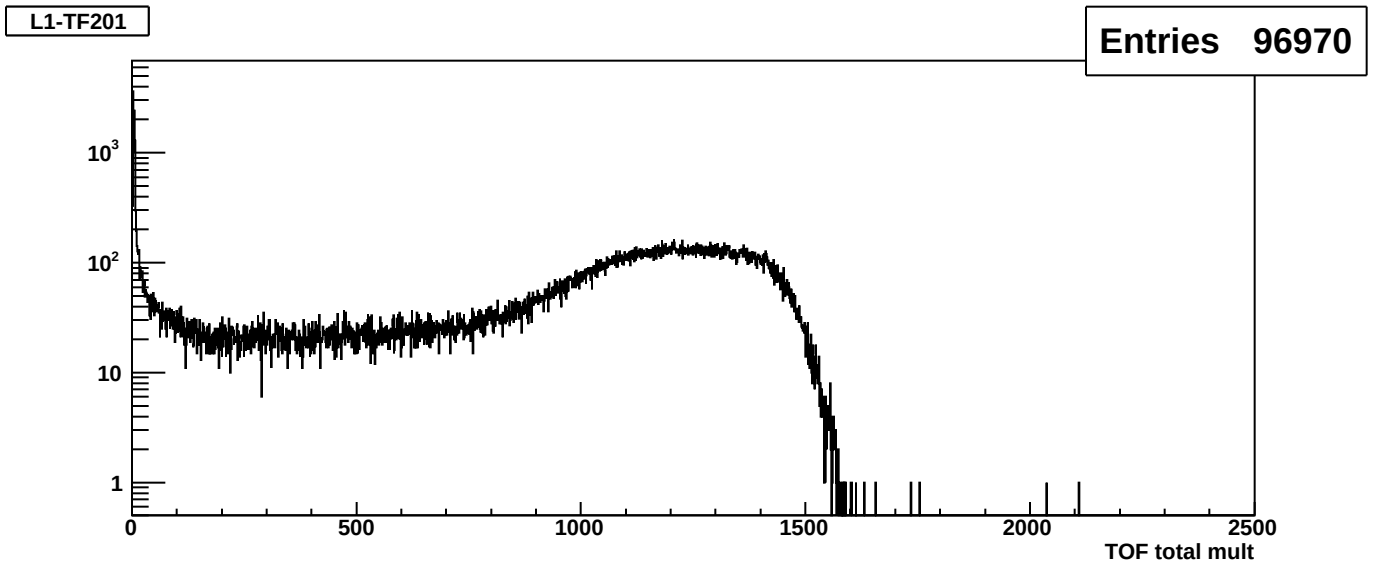

MIX-TF003
Entries 4072740
TOF MULT
TOF tray

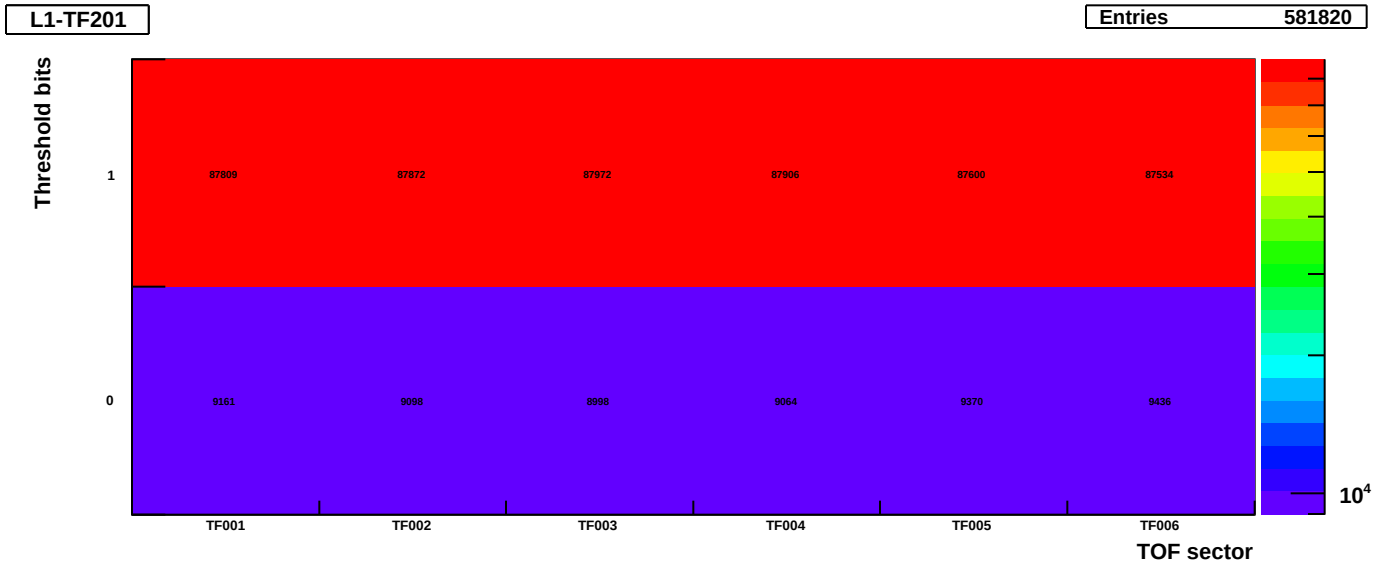

MIX-TF004
Entries 4072740
TOF MULT
TOF tray

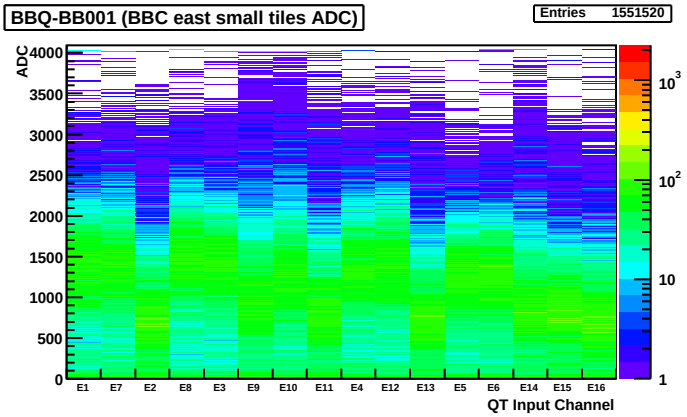

MIX-TF005
Entries 4072740
TOF MULT
TOF tray

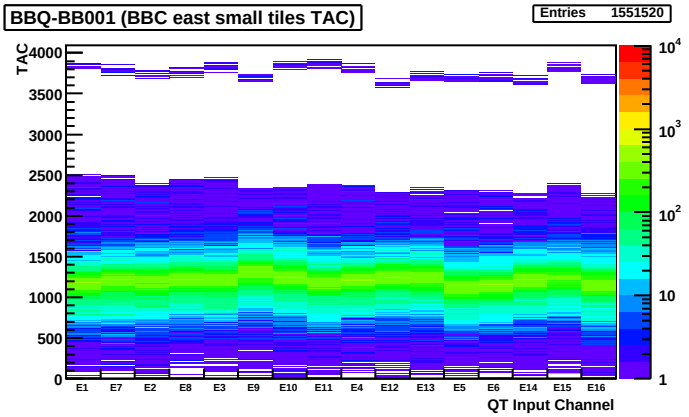

MIX-TF006
Entries 4072740
TOF MULT
TOF tray

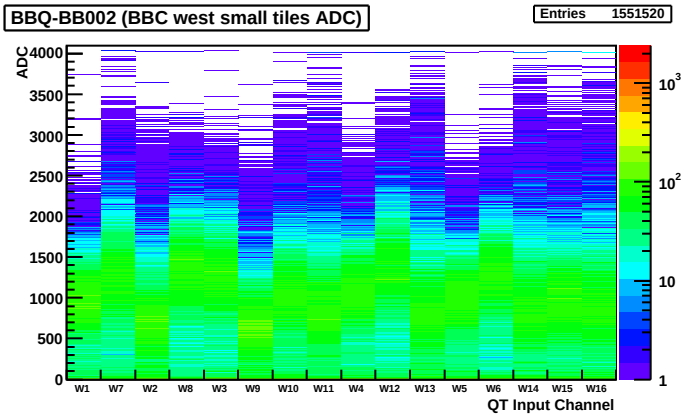

MIX-TF101
Entries 581820
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

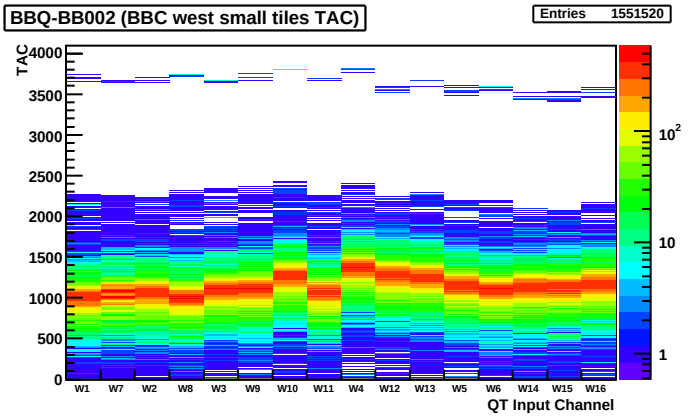

L1-TF201
Entries 96970
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

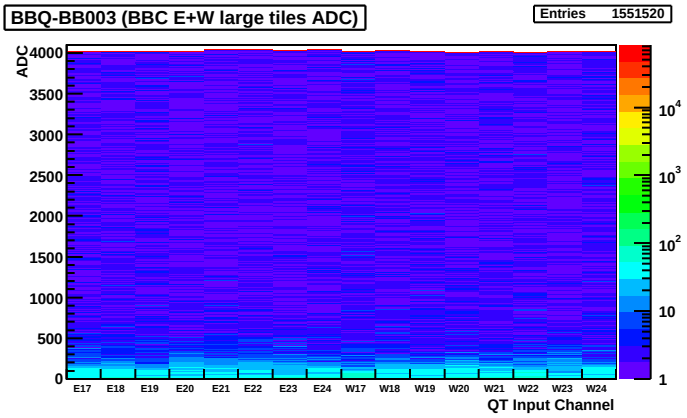

L1-TF201
Entries 581820
Threshold bits
1
0
87809
87872
87972
87906
87600
87534
9161
9098
8998
9064
9370
9436
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

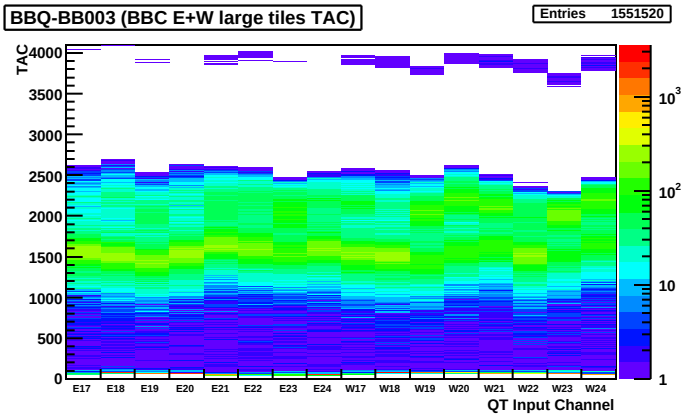

BBQ-BB001 (BBC east small tiles ADC)
Entries 1551520
ADC
QT Input Channel

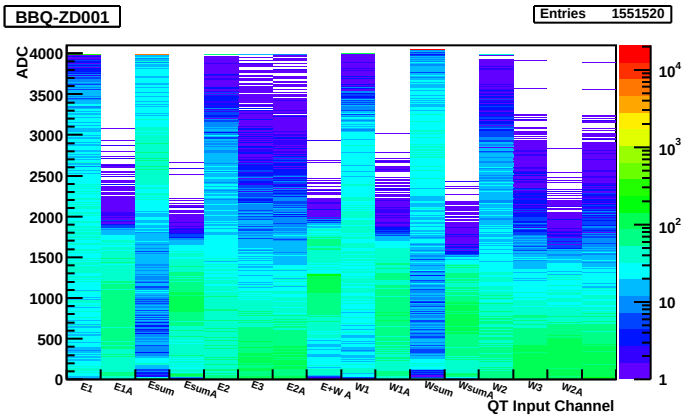

BBQ-BB001 (BBC east small tiles TAC)
Entries 1551520
TAC
QT Input Channel

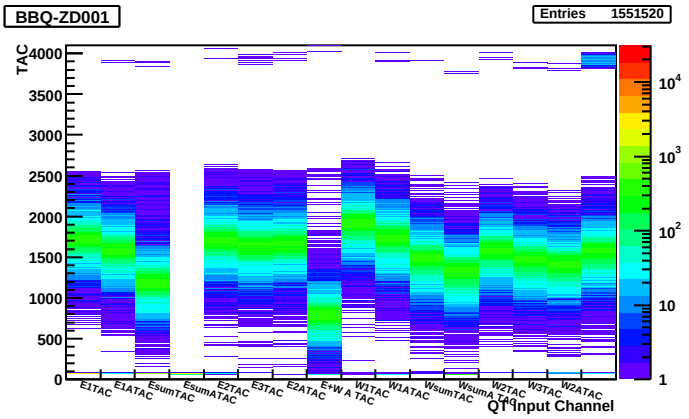

BBQ-BB002 (BBC west small tiles ADC)
Entries 1551520
ADC
QT Input Channel

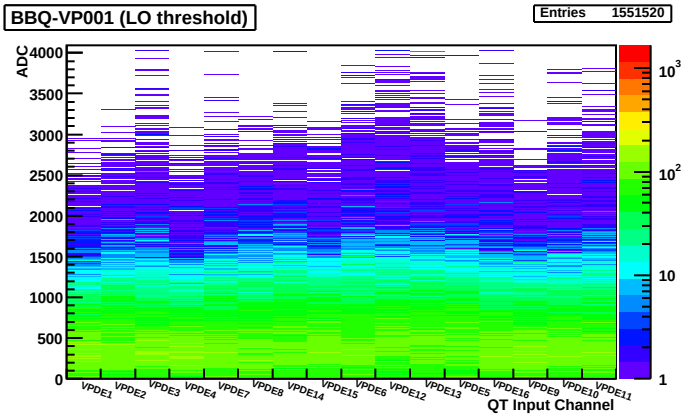

BBQ-BB002 (BBC west small tiles TAC)
Entries 1551520
TAC
QT Input Channel

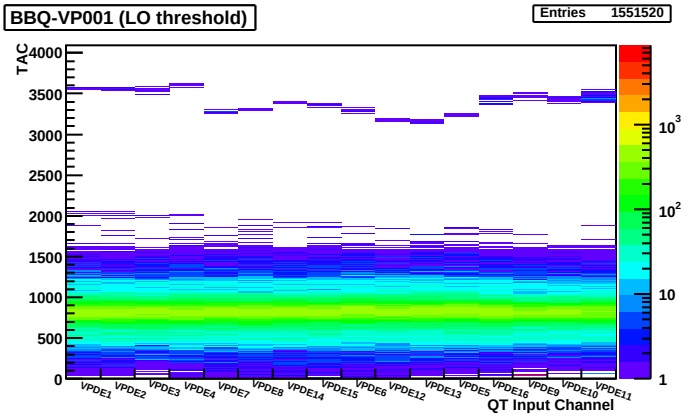

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1551520
ADC
QT Input Channel

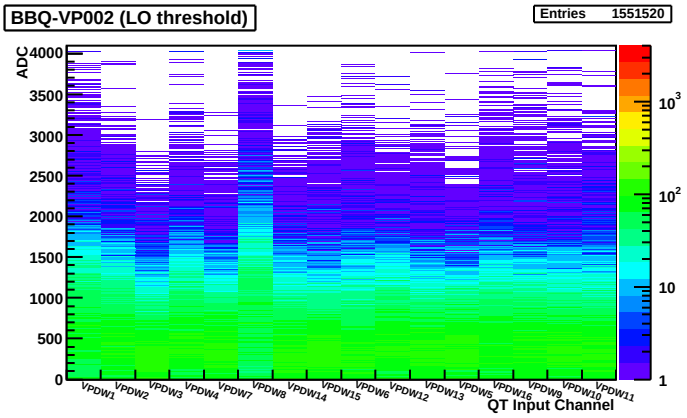

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1551520
TAC
QT Input Channel

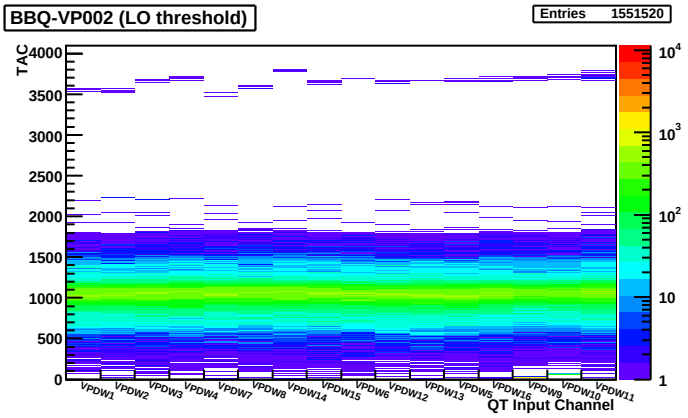

BBQ-ZD001
Entries 1551520
ADC
QT Input Channel

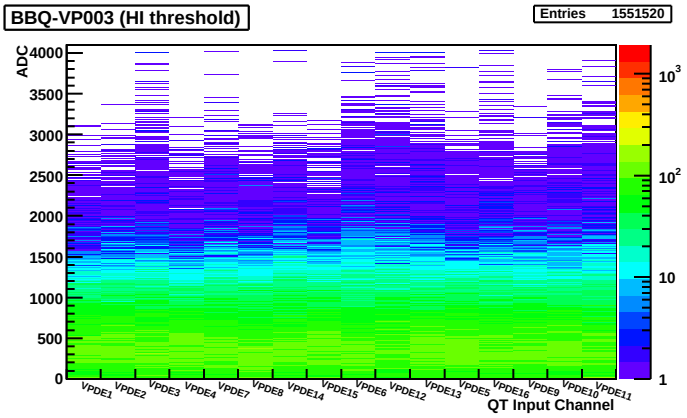

BBQ-ZD001
Entries 1551520
TAC
QT Input Channel

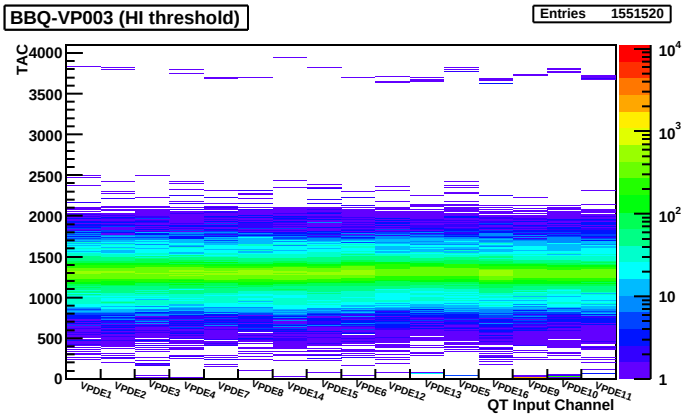

BBQ-VP001 (LO threshold)
Entries 1551520
ADC
QT Input Channel

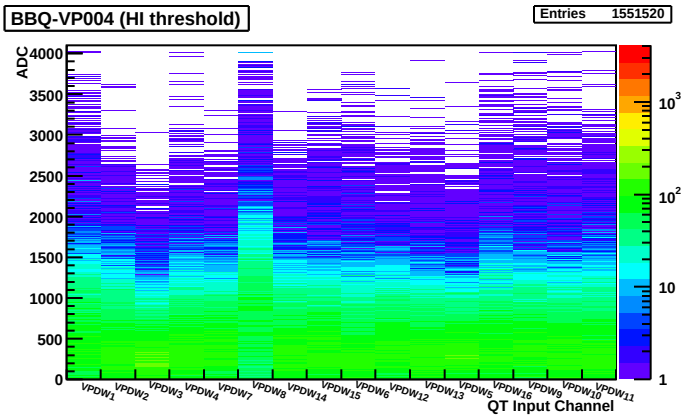

BBQ-VP001 (LO threshold)
Entries 1551520
TAC
QT Input Channel

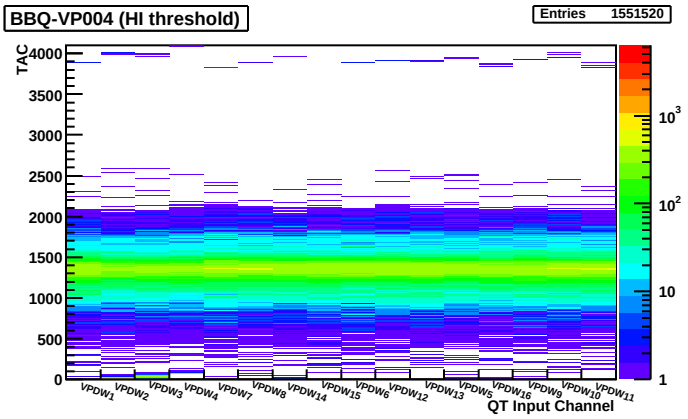

BBQ-VP002 (LO threshold)
Entries 1551520
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 1551520
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 1551520
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 1551520
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 1551520
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 1551520
TAC
QT Input Channel