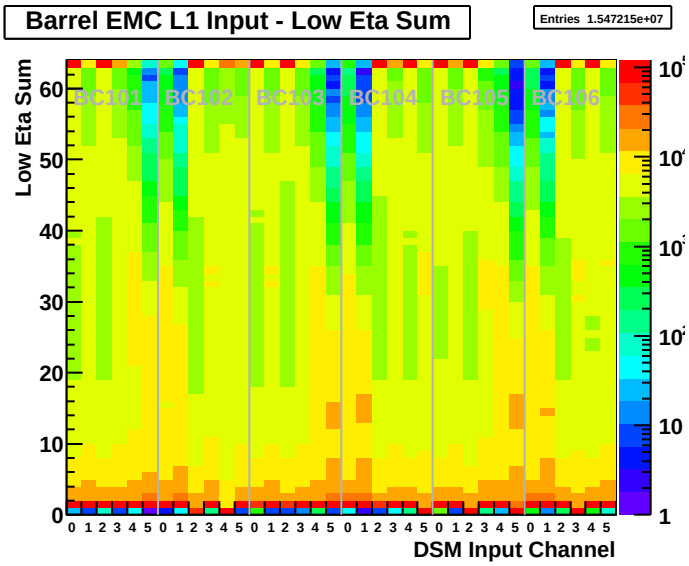
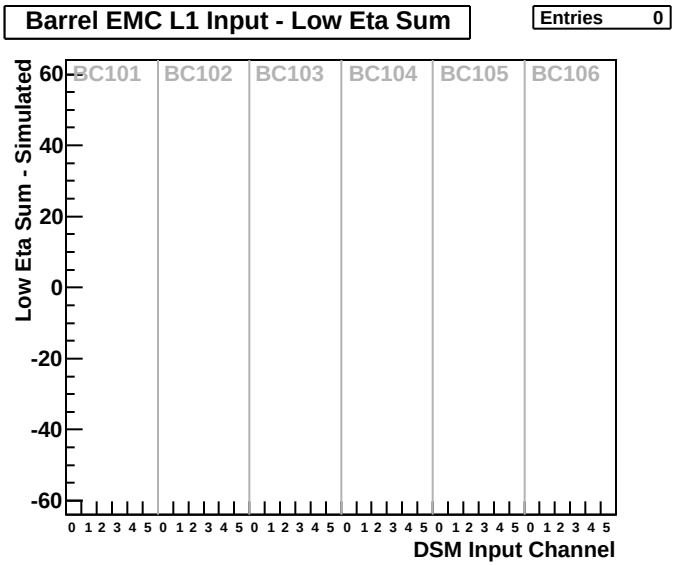
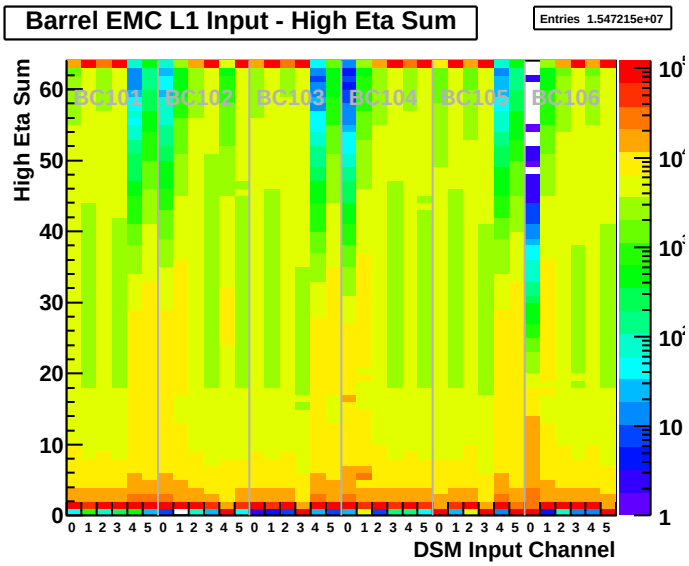
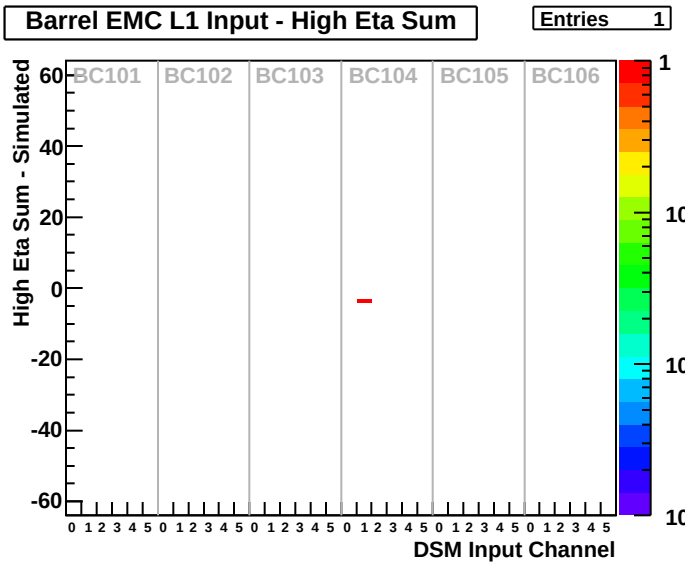
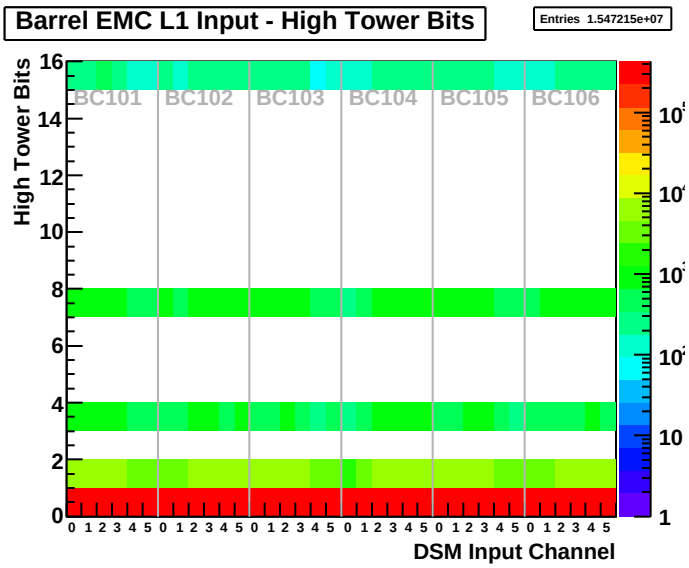
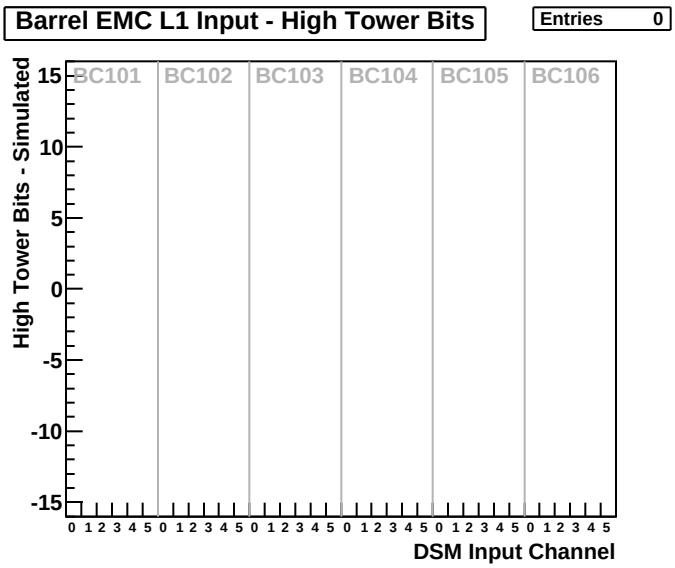

Barrel EMC L1 Input - Low Eta Sum
Entries 1.547215e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

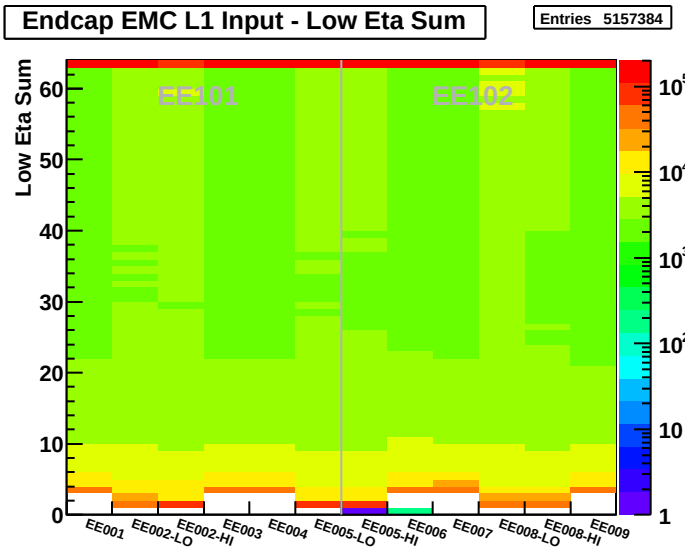

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

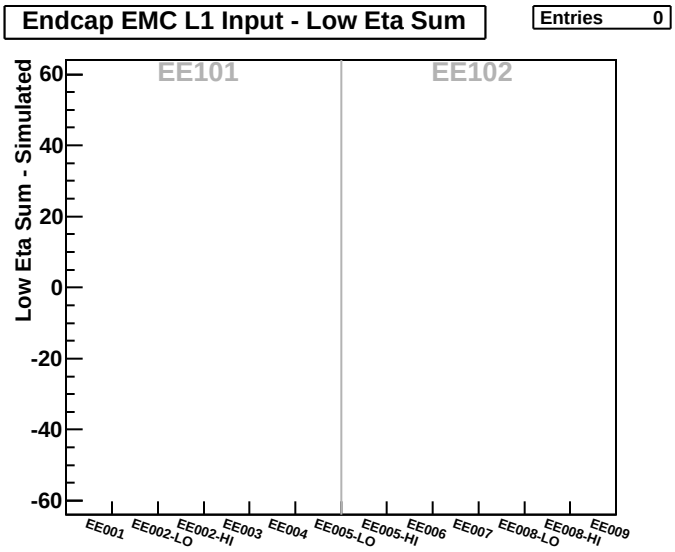

Barrel EMC L1 Input - High Eta Sum
Entries 1.547215e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

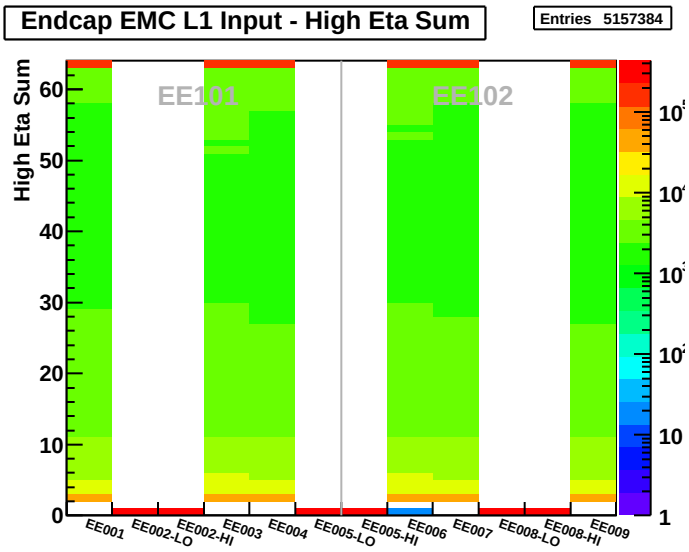

Barrel EMC L1 Input - High Eta Sum
Entries 1
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

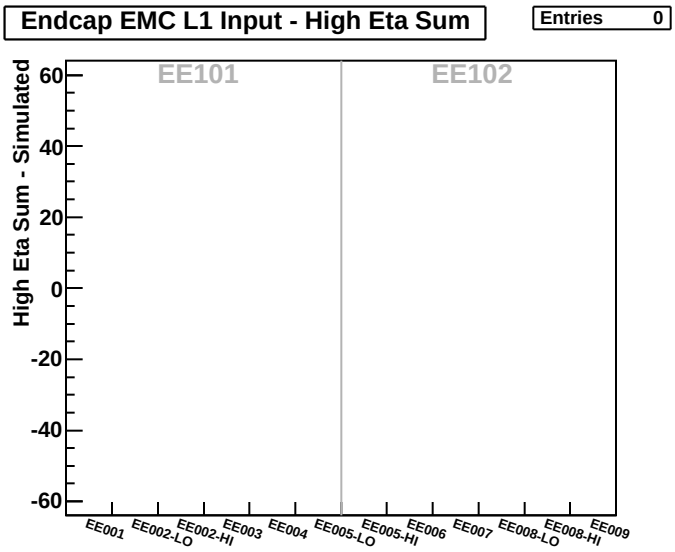

Barrel EMC L1 Input - High Tower Bits
Entries 1.547215e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

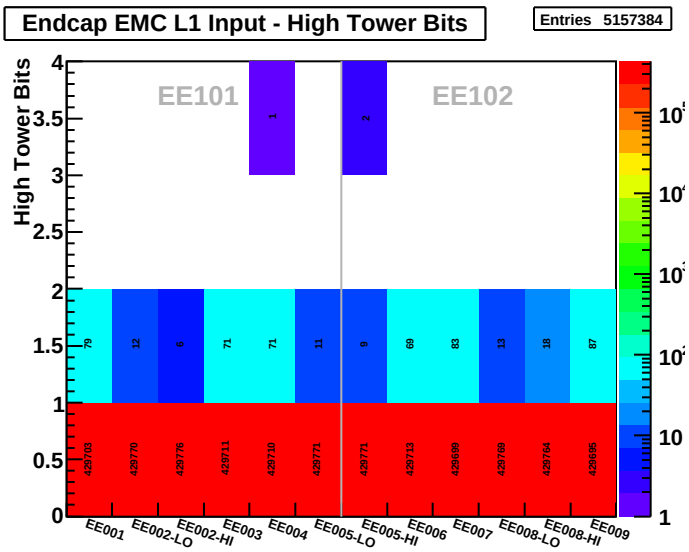

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

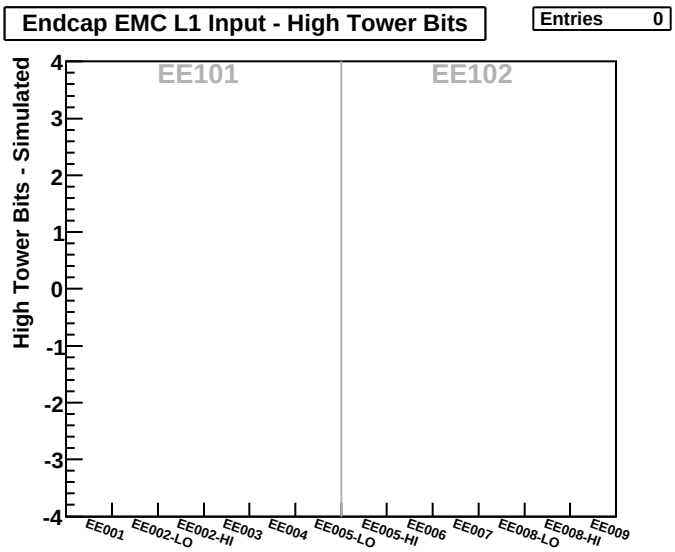

Endcap EMC L1 Input - Low Eta Sum
Entries 5157384
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

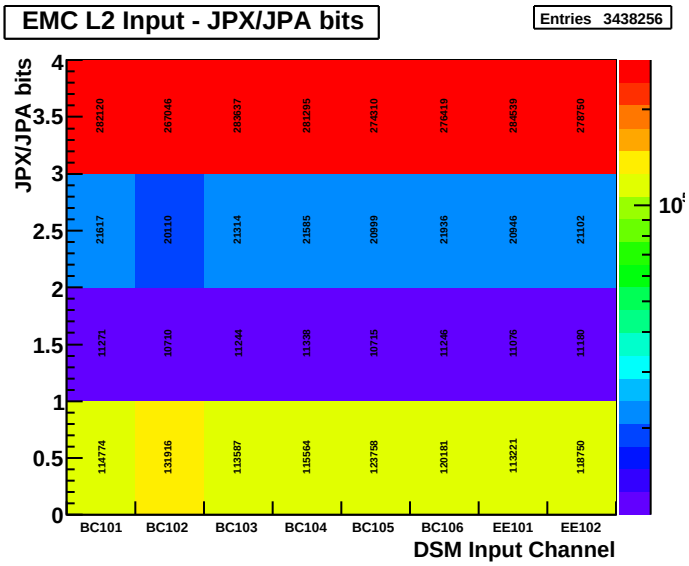

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

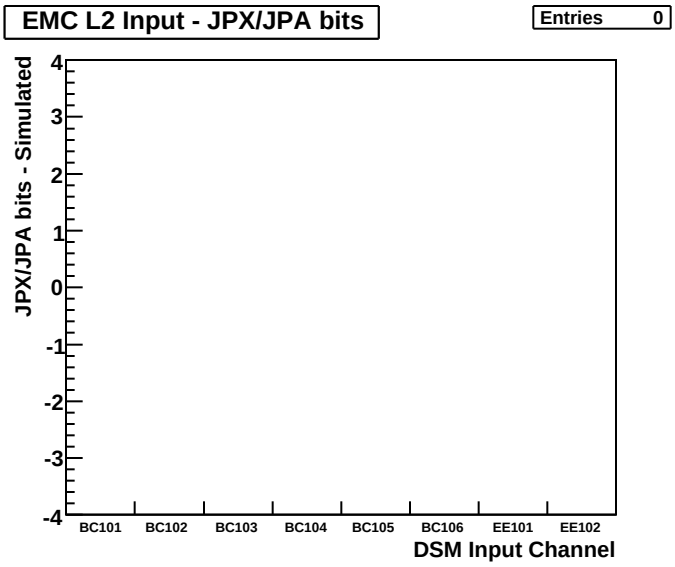

Endcap EMC L1 Input - High Eta Sum
Entries 5157384
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

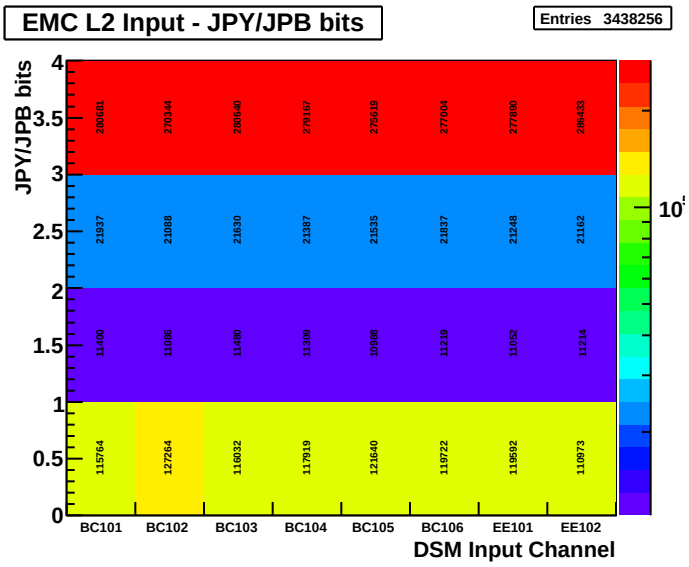

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

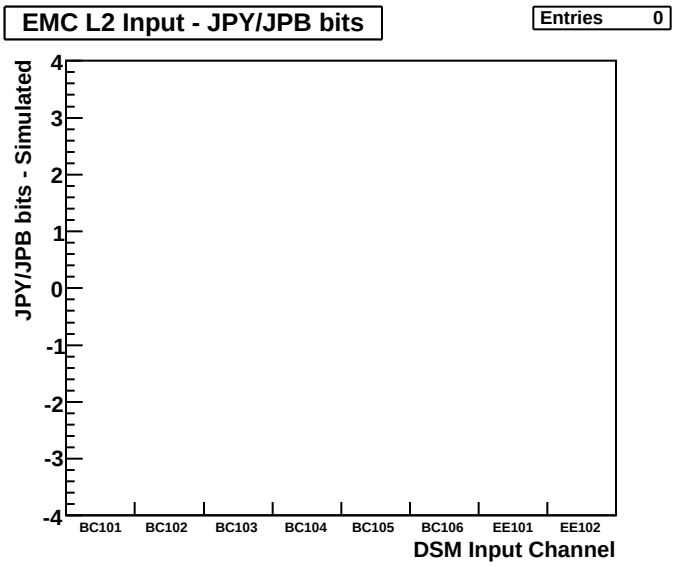

Endcap EMC L1 Input - High Tower Bits
Entries 5157384
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

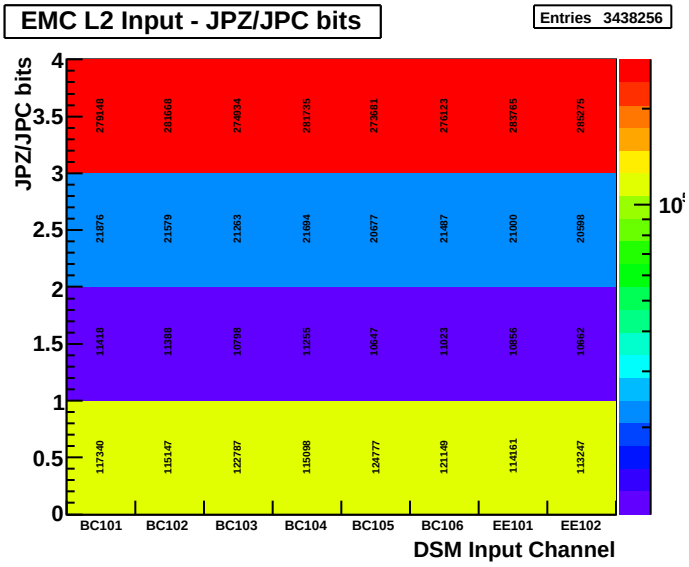

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

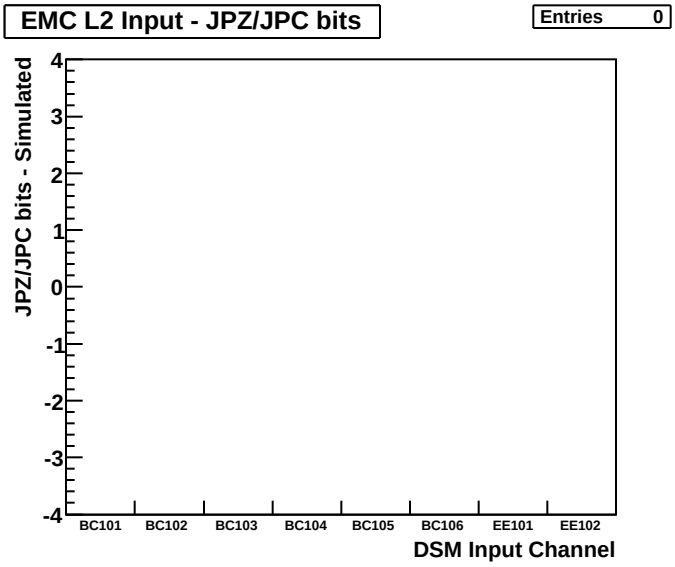

EMC L2 Input - JPX/JPA bits
Entries 3438256
JPX/JPA bits
282220 267046 283637 281295 274310 276419 284539 278750
21617 20110 21314 21585 20999 21936 20946 21102
11271 10710 11244 11338 10715 11246 11076 11180
114774 131916 113567 115564 122758 120181 113221 118750
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

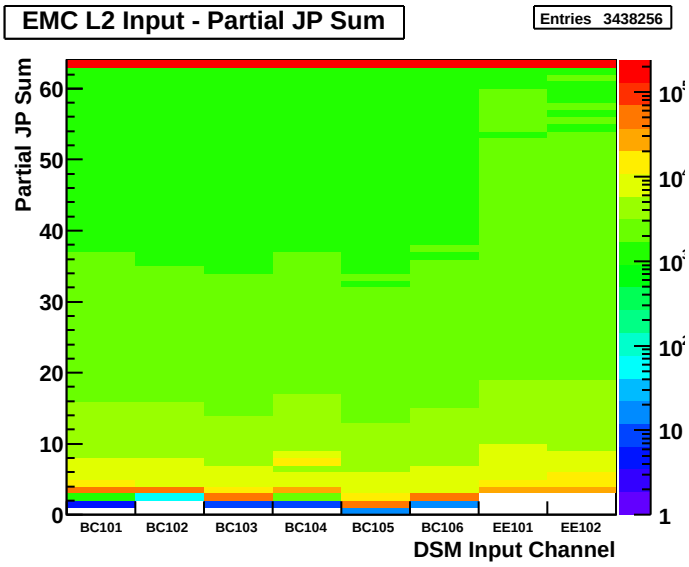

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

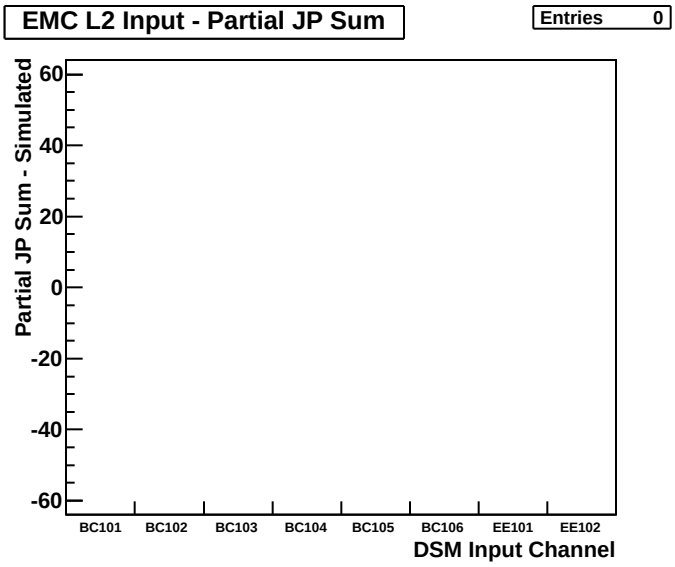

EMC L2 Input - JPY/JPB bits
Entries 3438256
JPY/JPB bits
280681 270344 280640 279167 275619 277004 277890 285433
21937 21068 21630 21387 21535 21837 21248 21162
11400 11086 11480 11309 10988 11219 11052 11214
115764 127264 116032 117919 121640 119722 119592 110973
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

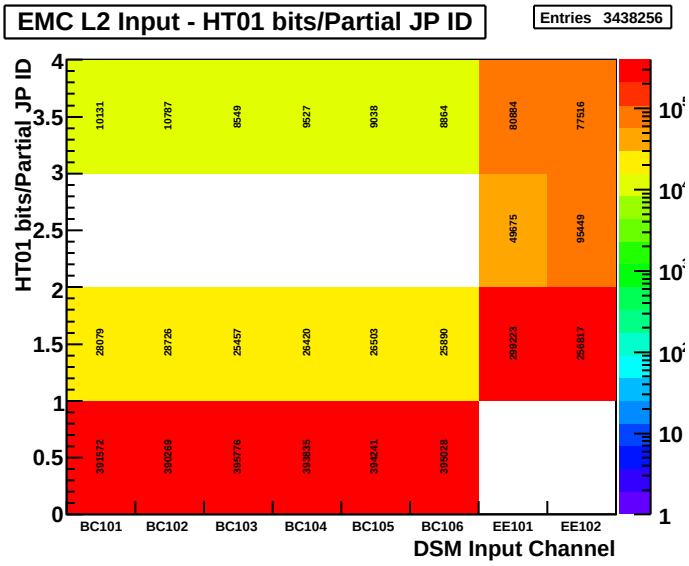

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

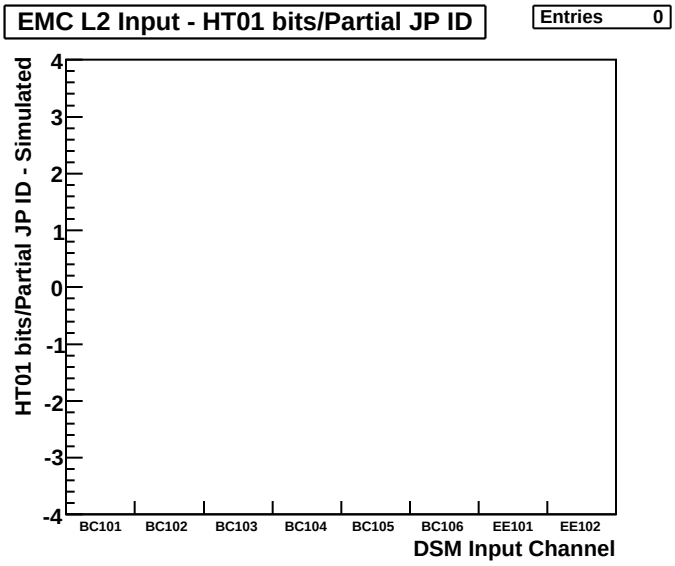

EMC L2 Input - JPZ/JPC bits
Entries 3438256
JPZ/JPC bits
278148 283668 274834 281735 273681 276123 283765 285275
21876 21579 21263 21694 20677 21487 21000 20598
11418 11308 10798 11255 10647 11023 10956 10662
117340 115147 122787 115098 124777 121140 114161 113247
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

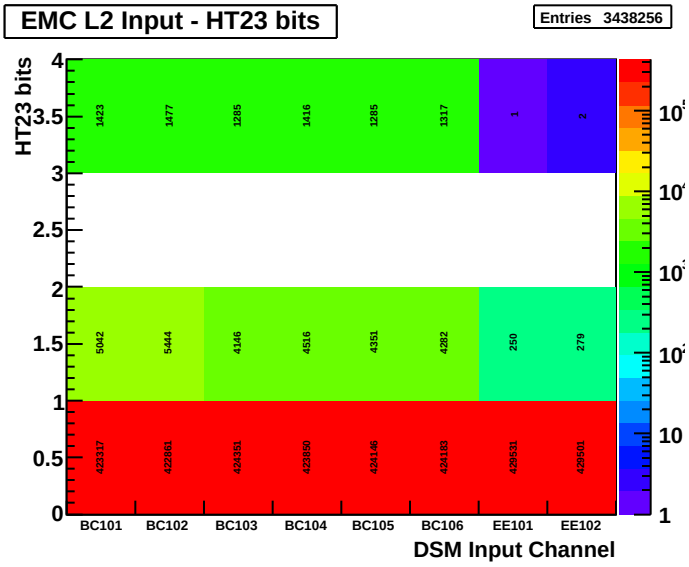

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
DSM Input Channel

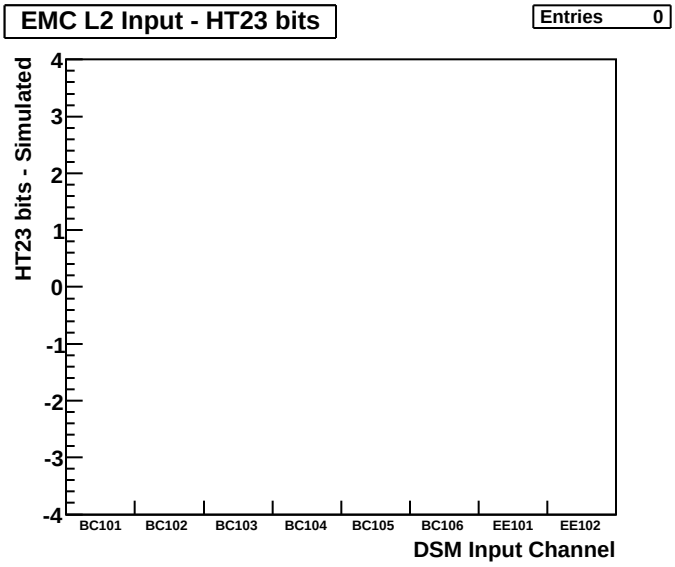

EMC L2 Input - Partial JP Sum
Entries 3438256
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

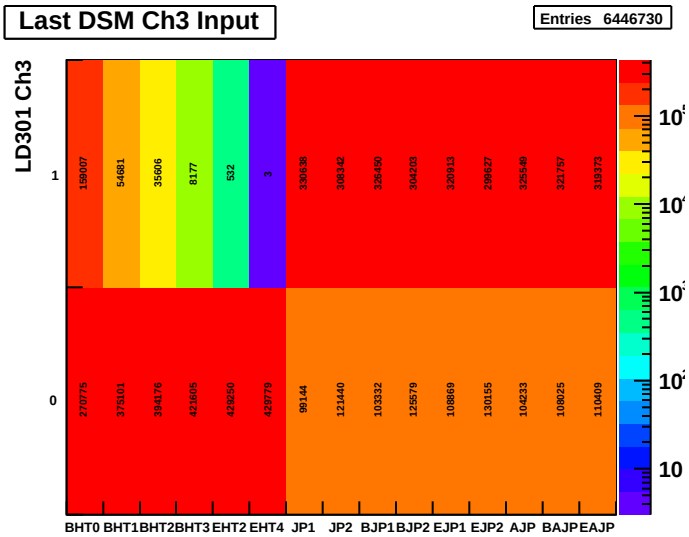

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

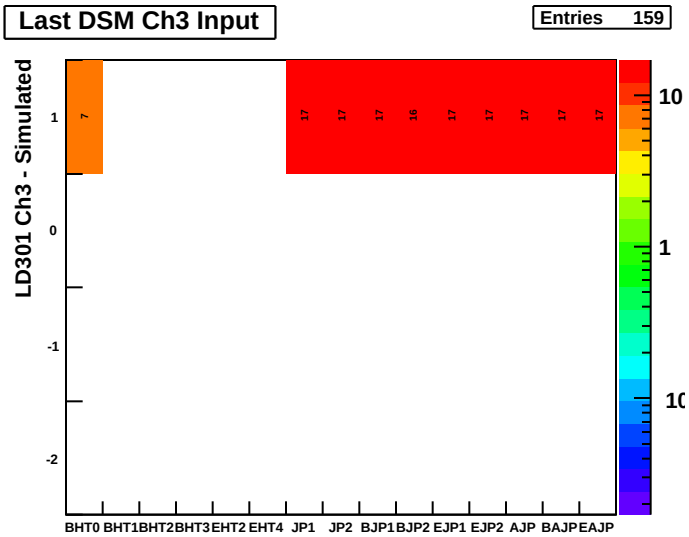

EMC L2 Input - HT01 bits/Partial JP ID
Entries 3438256
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

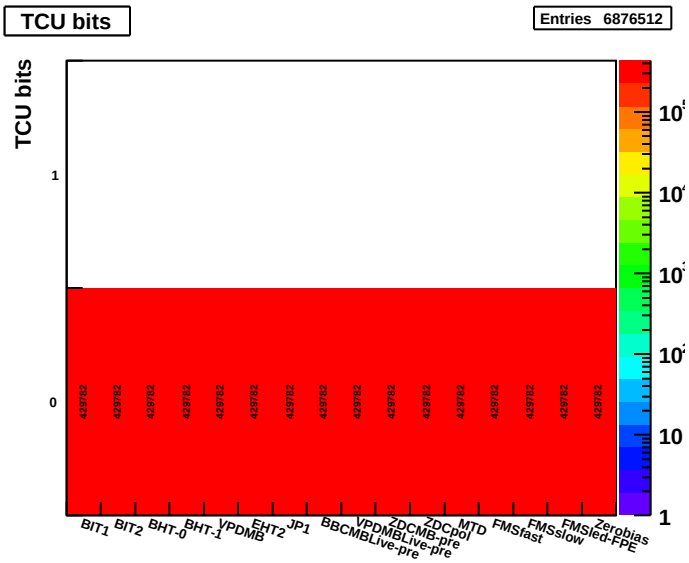

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

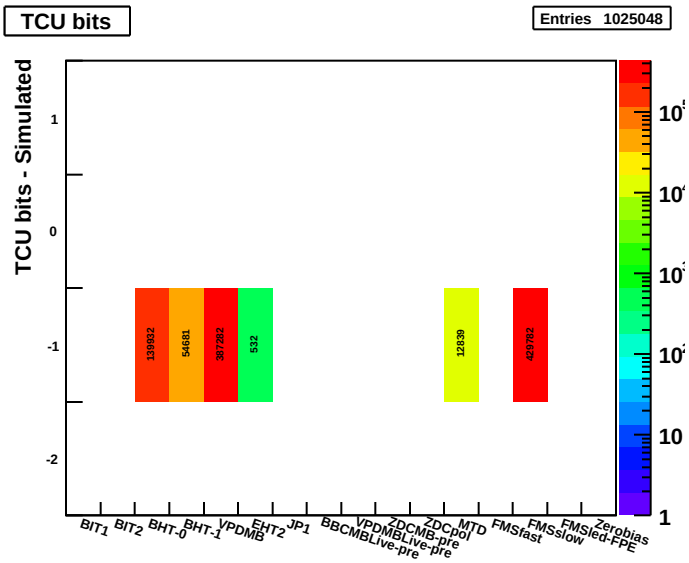

EMC L2 Input - HT23 bits
Entries 3438256
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

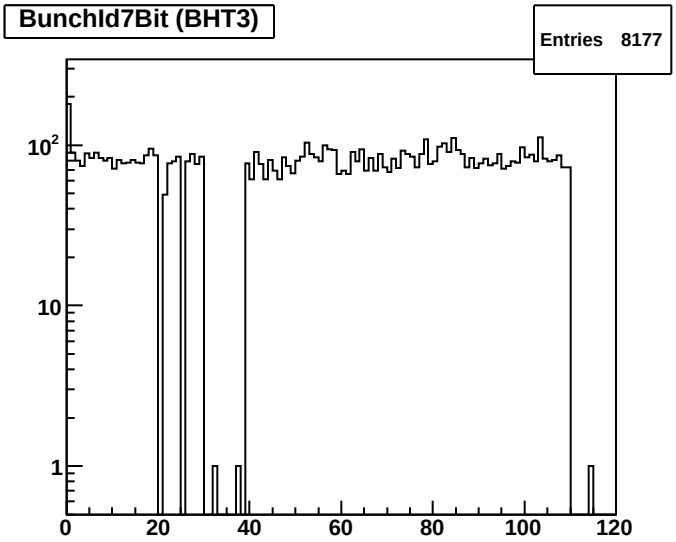

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

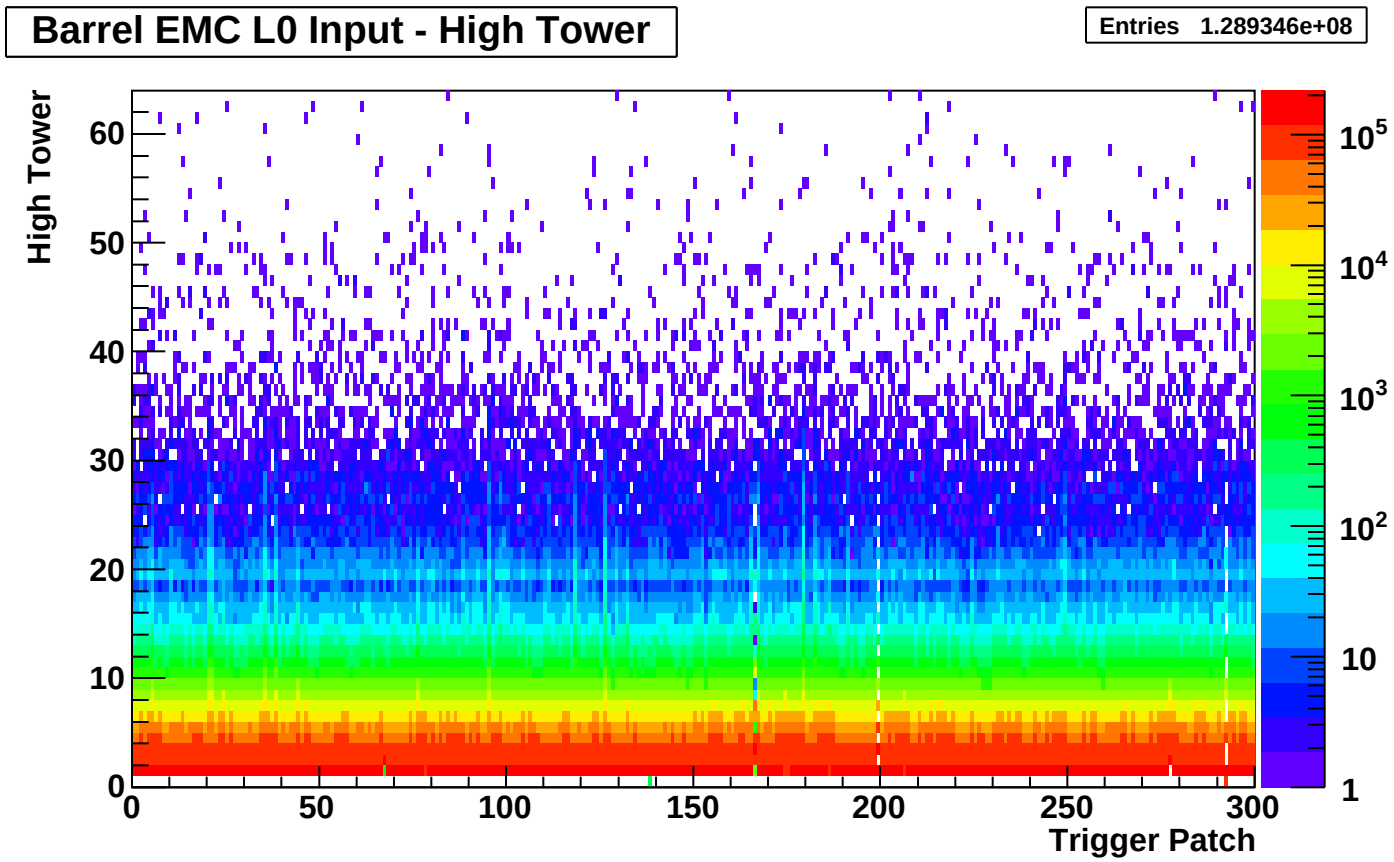

Last DSM Ch3 Input
Entries 6446730
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

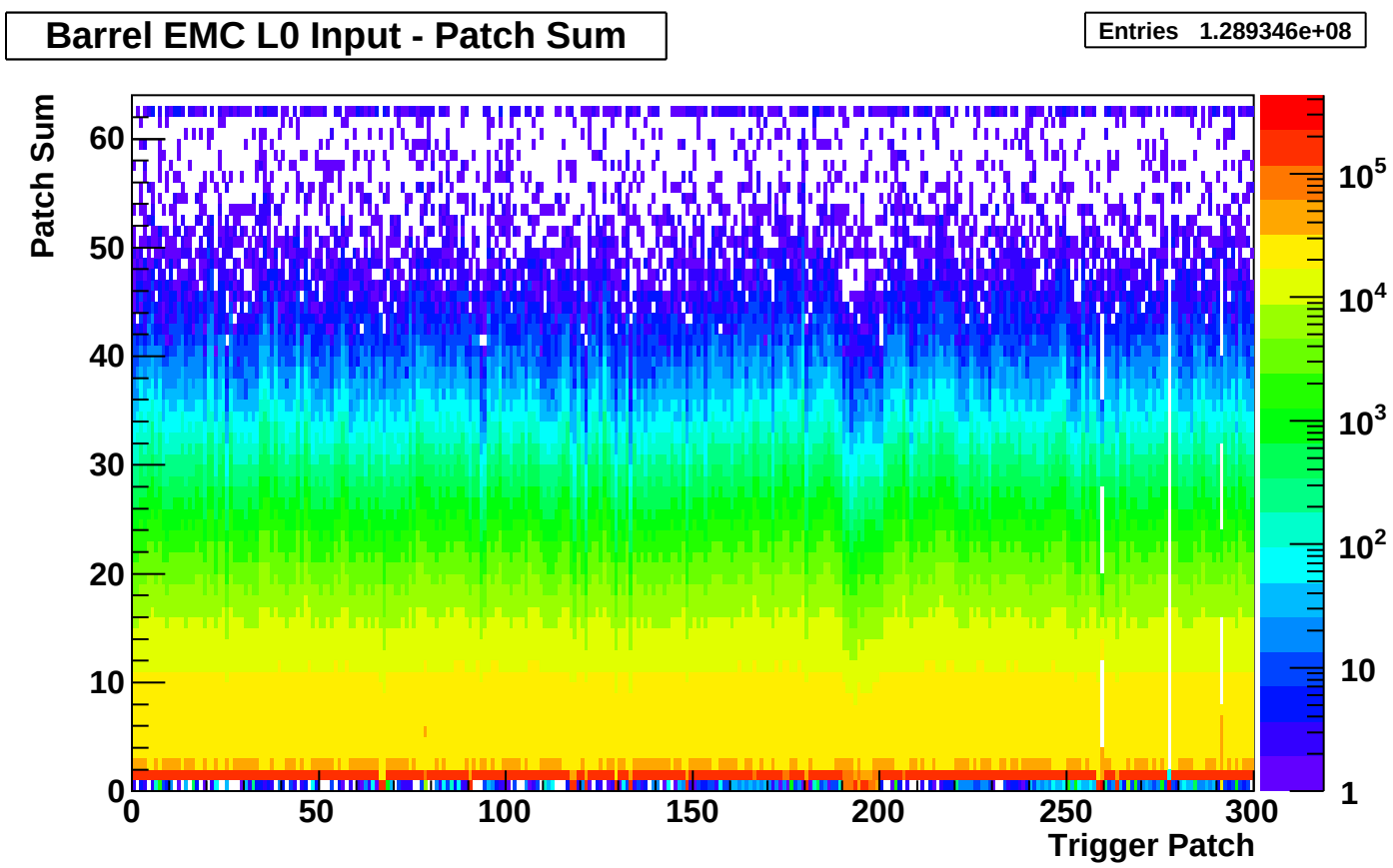

Last DSM Ch3 Input
Entries 159
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

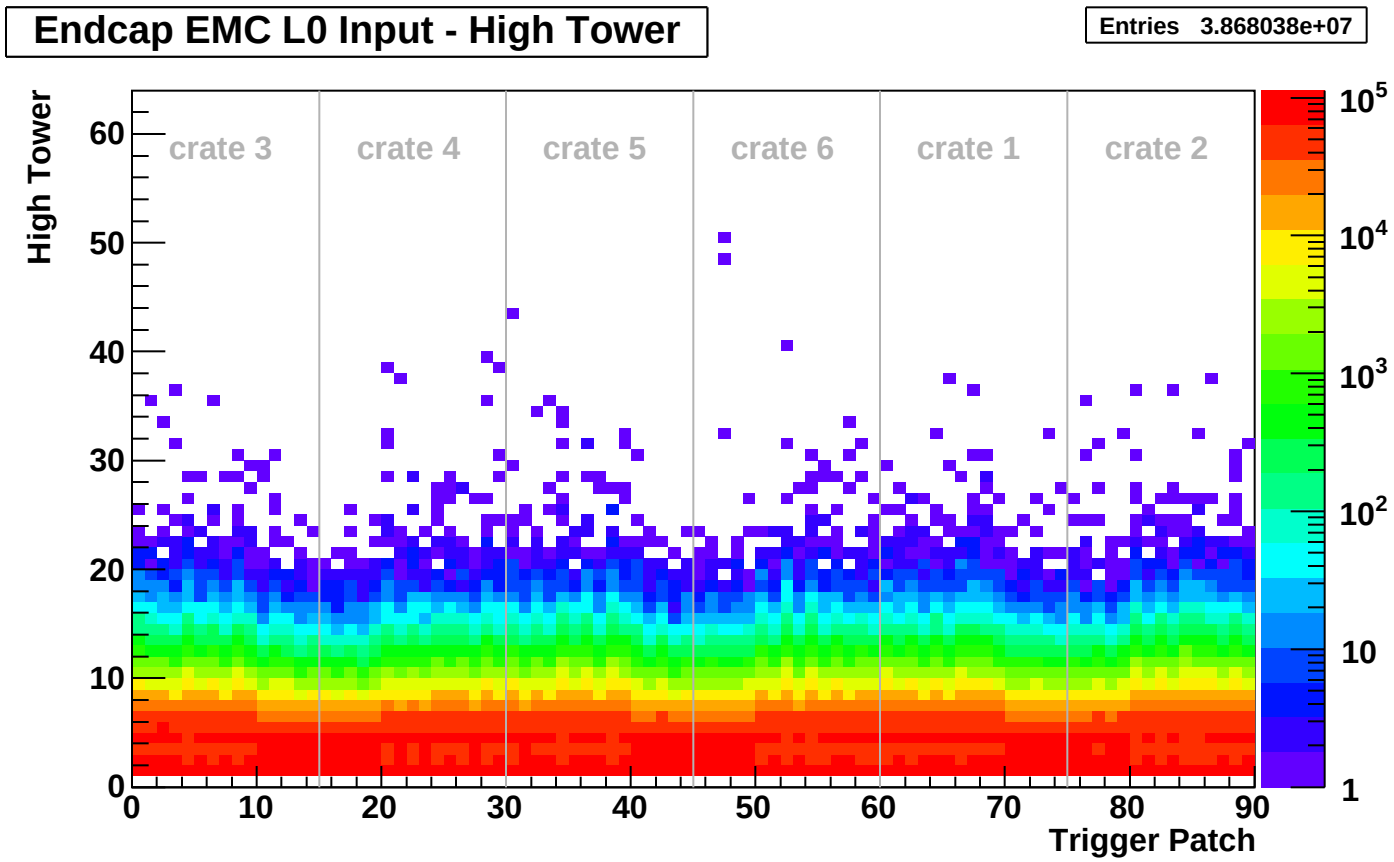

TCU bits
Entries 6876512
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

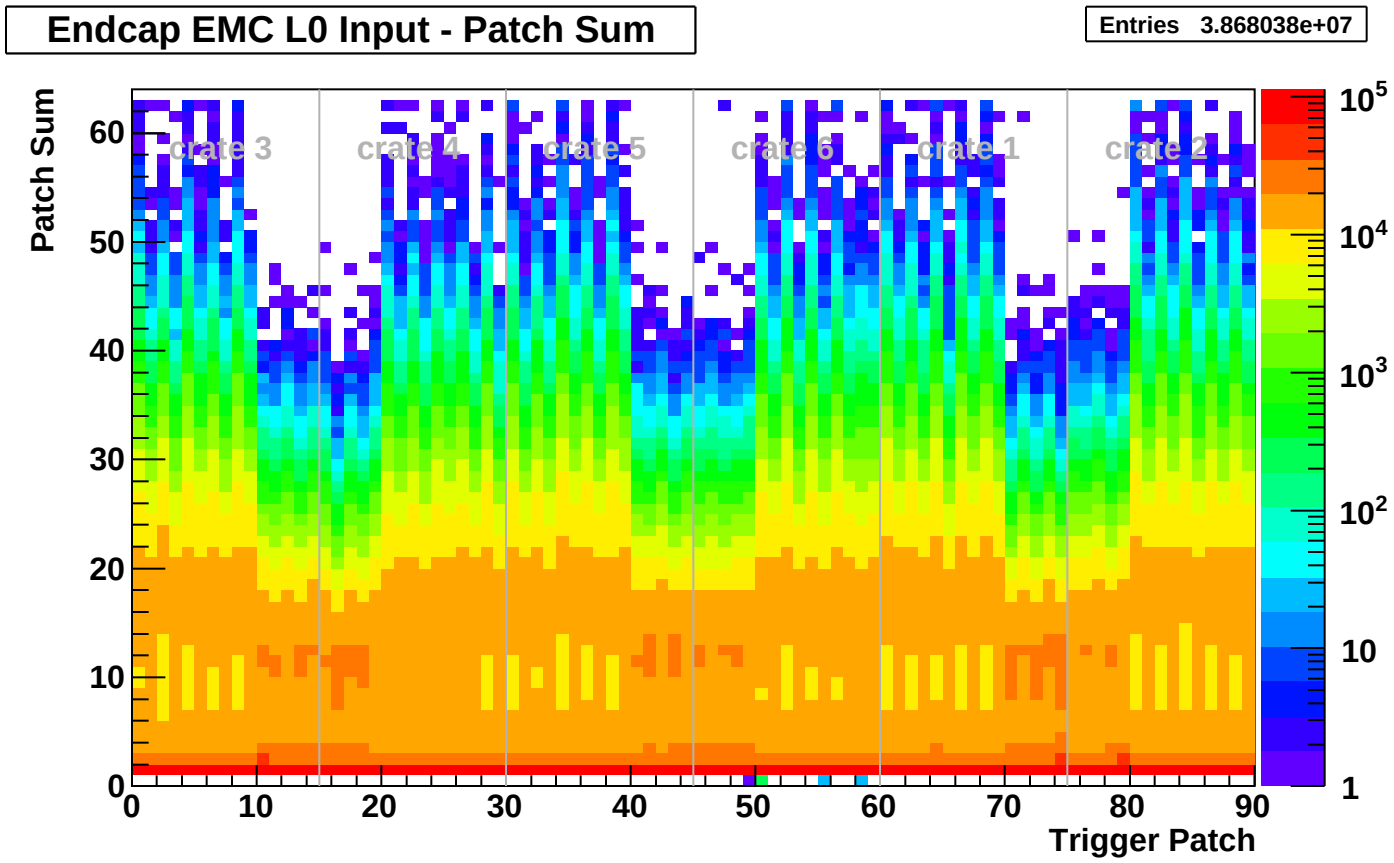

TCU bits
Entries 1025048
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

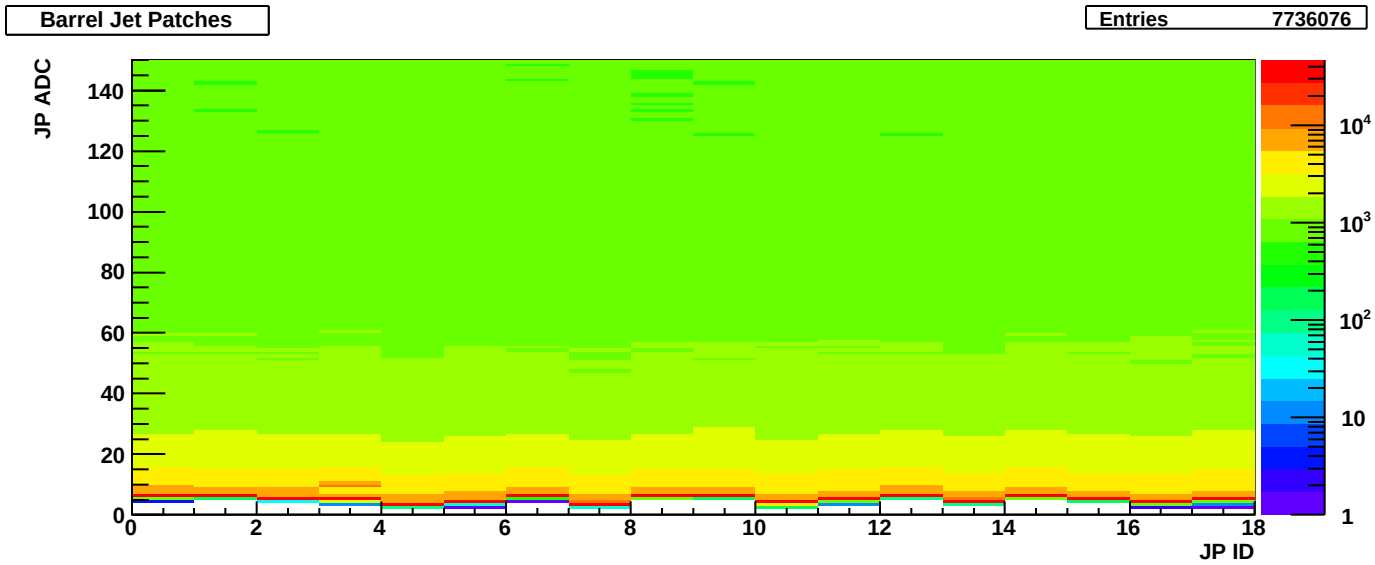

BunchId7Bit (BHT3)
Entries 8177

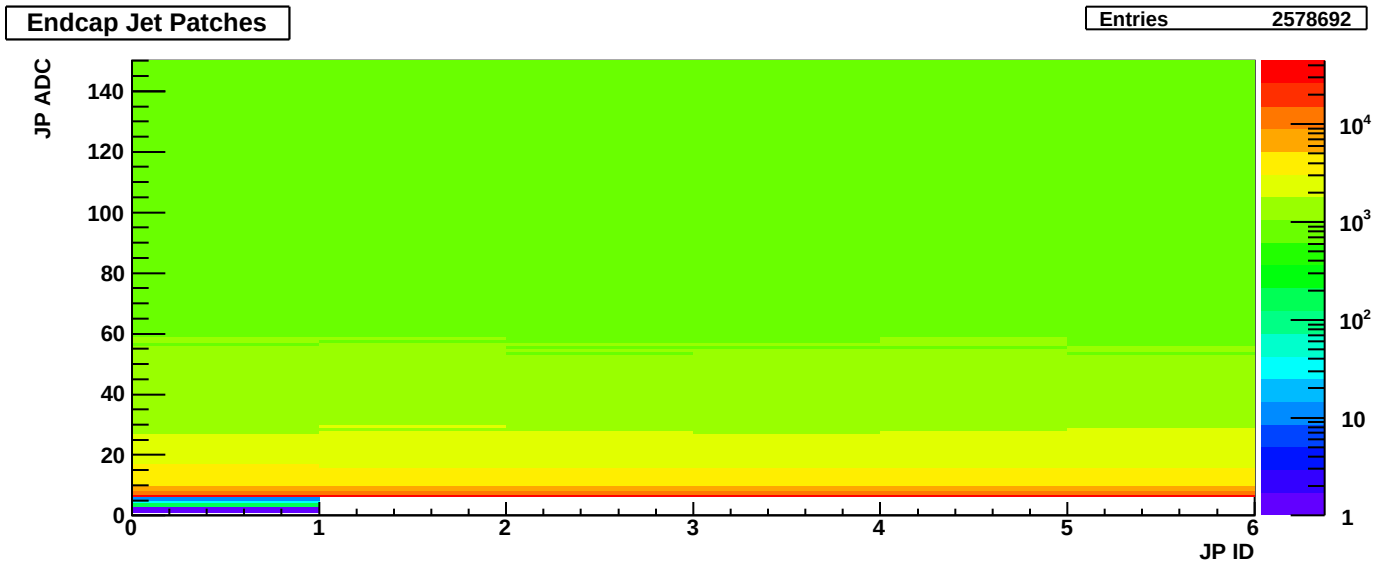

Barrel EMC L0 Input - High Tower
Entries 1.289346e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

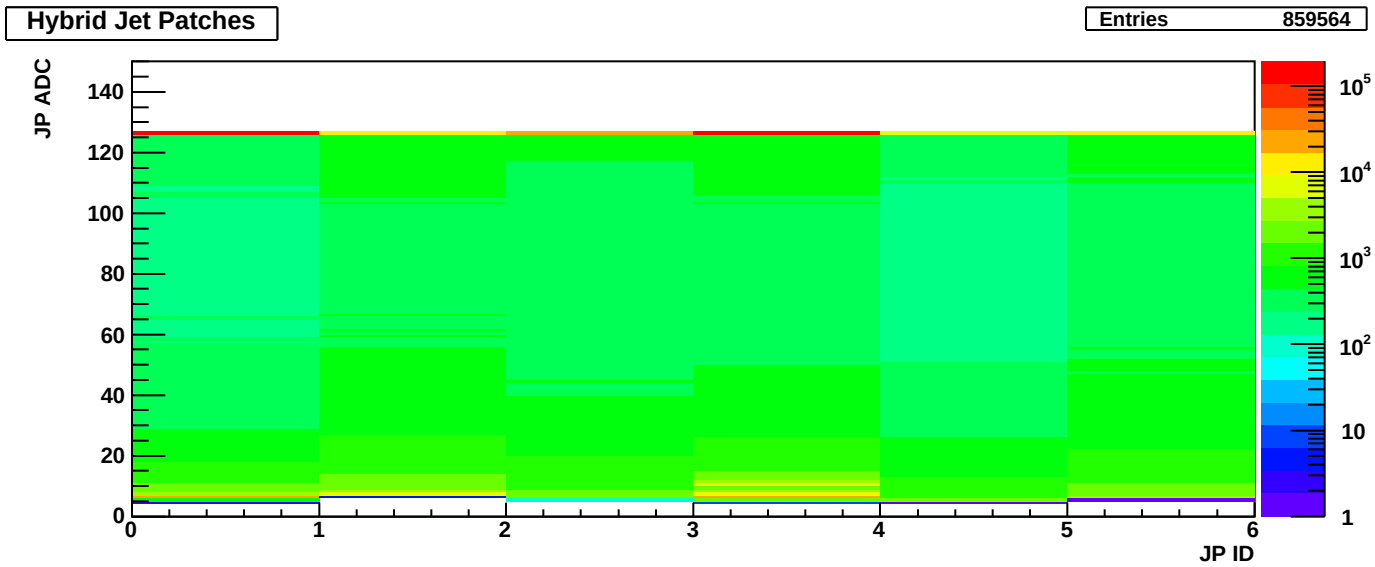

Barrel EMC L0 Input - Patch Sum
Entries 1.289346e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5


Endcap EMC L0 Input - High Tower
Entries 3.868038e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

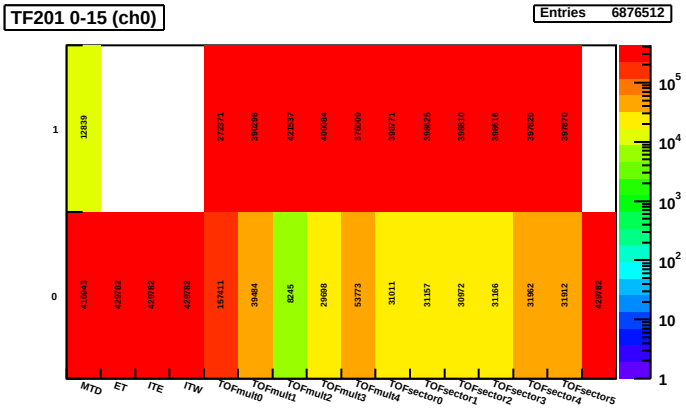

Endcap EMC L0 Input - Patch Sum
Entries 3.868038e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2


Barrel Jet Patches
Entries 7736076
JP ADC
JP ID

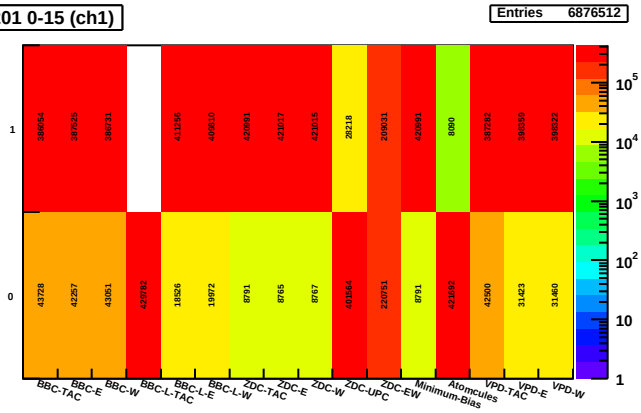

Endcap Jet Patches
Entries 2578692
JP ADC
JP ID


Hybrid Jet Patches
Entries 859564
JP ADC
JP ID

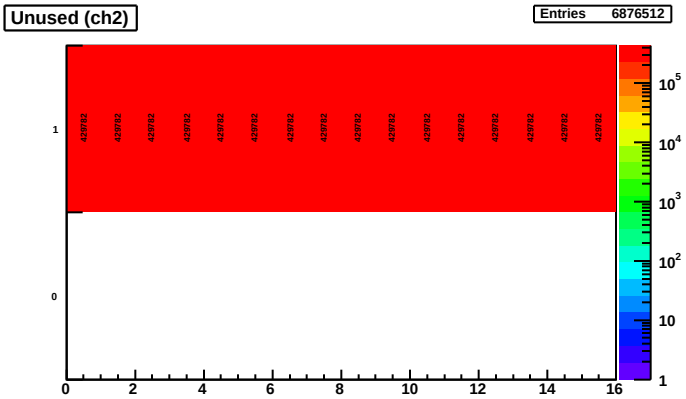
TF201 0-15 (ch0)



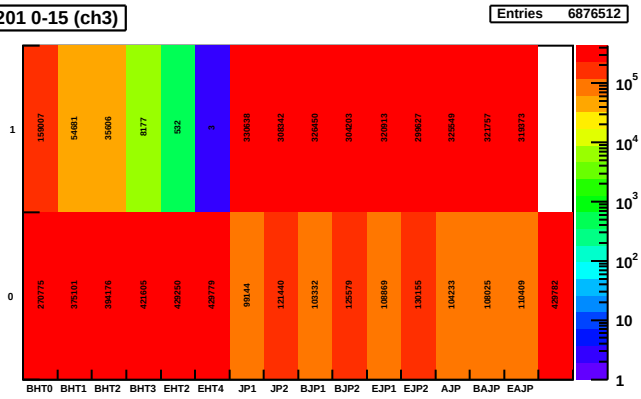
VT201 0-15 (ch1)



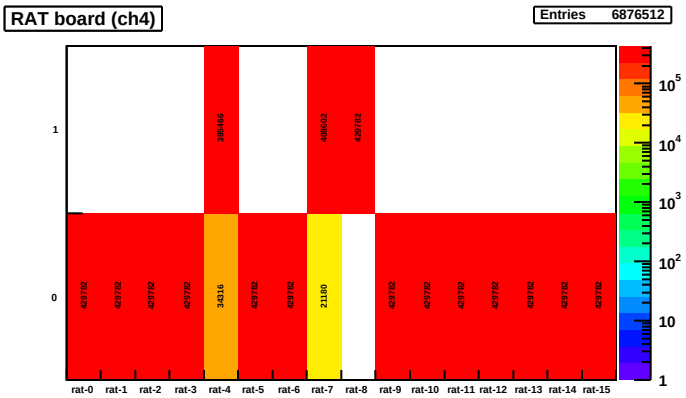
Unused (ch2)



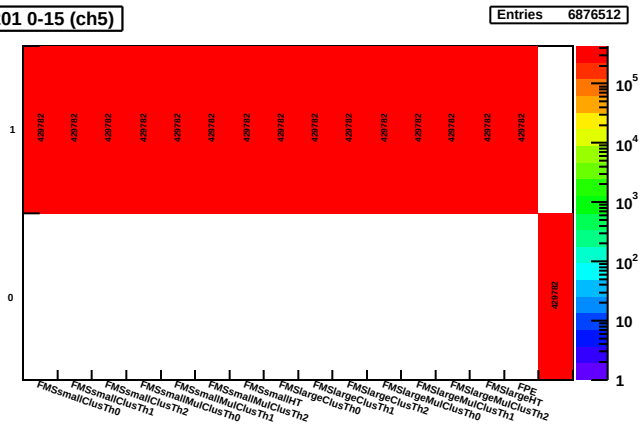
EM201 0-15 (ch3)



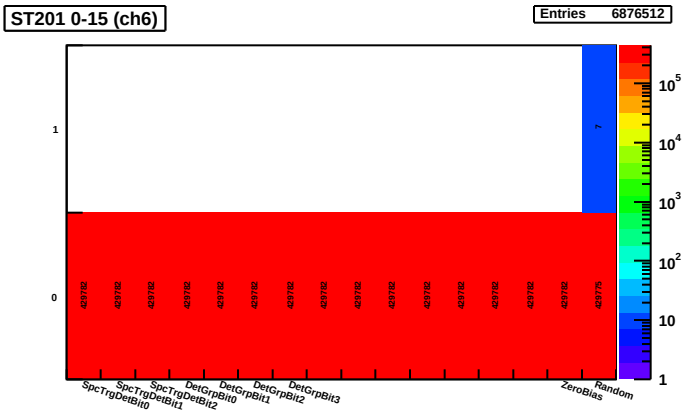
RAT board (ch4)



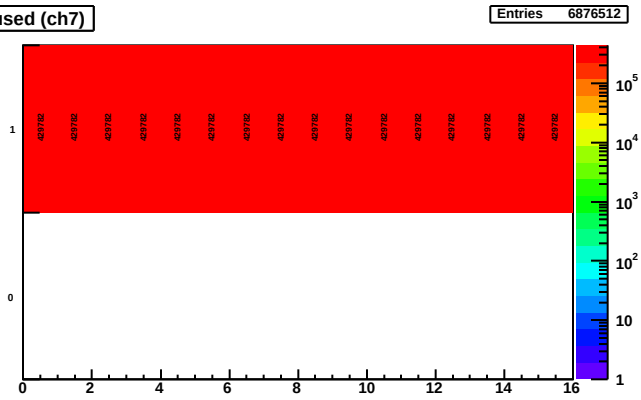
FP201 0-15 (ch5)

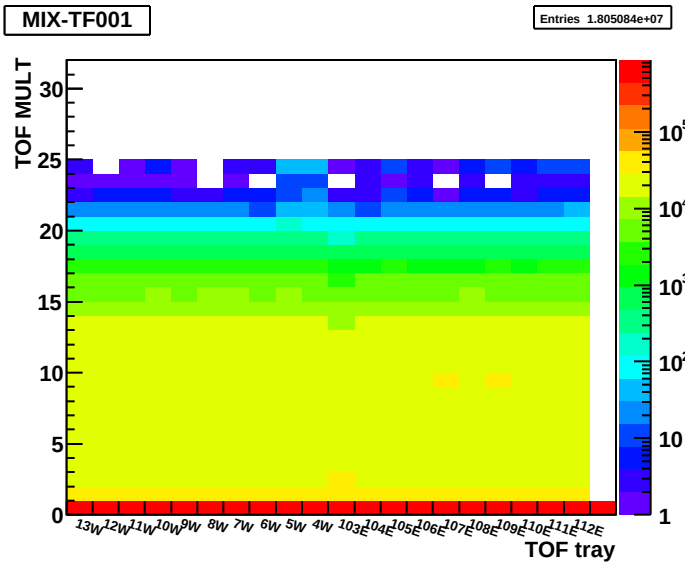


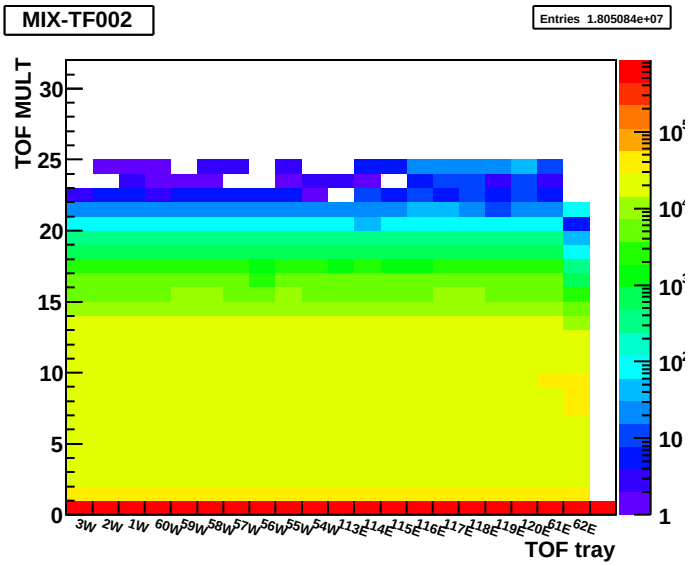
ST201 0-15 (ch6)

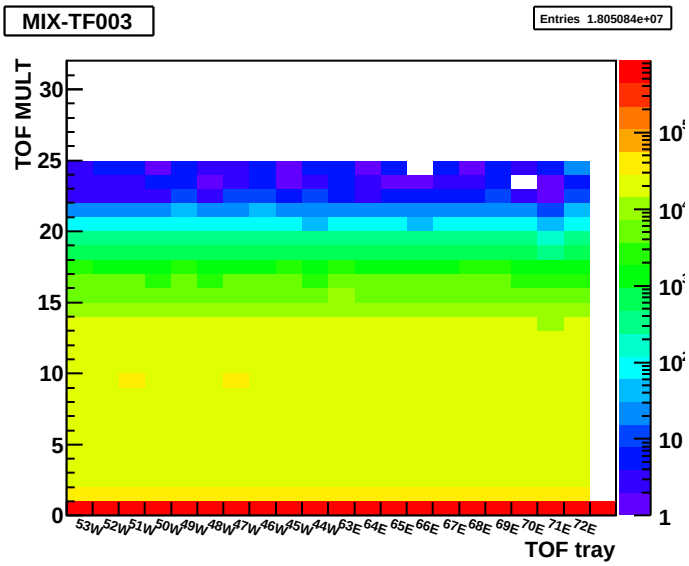


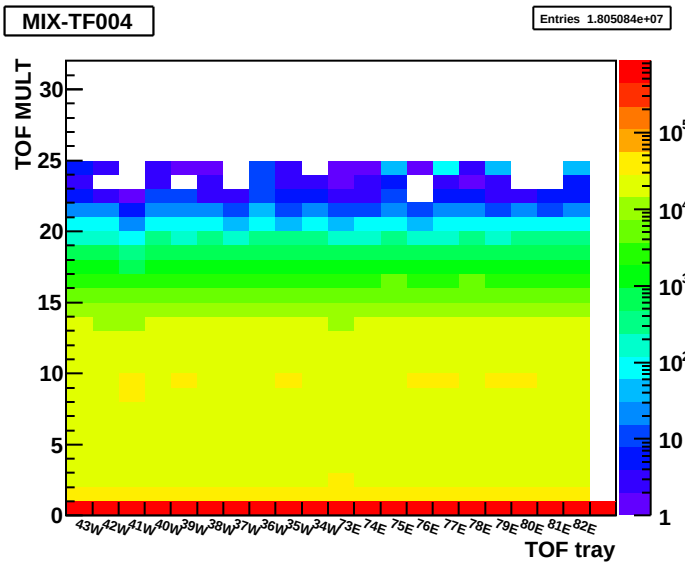
Unused (ch7)

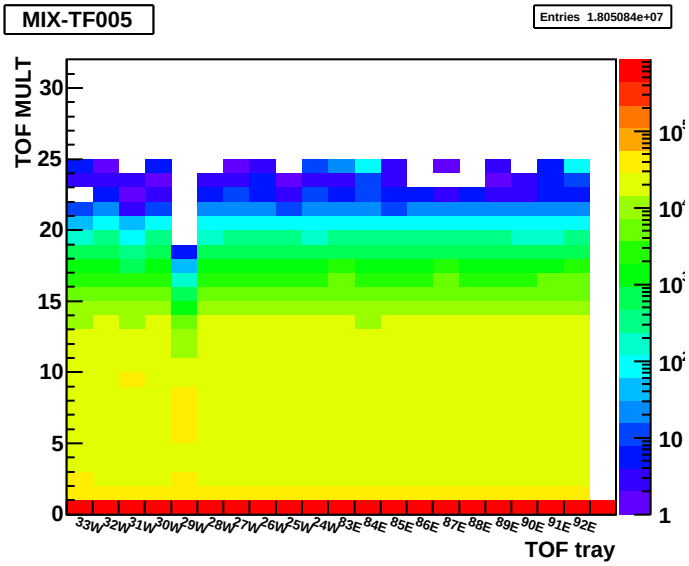


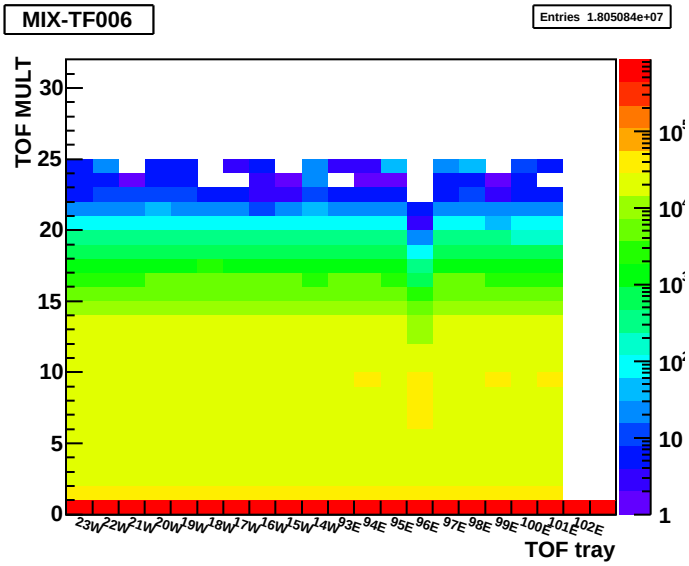

MIX-TF001
Entries 1.805084e+07
TOF MULT
TOF tray

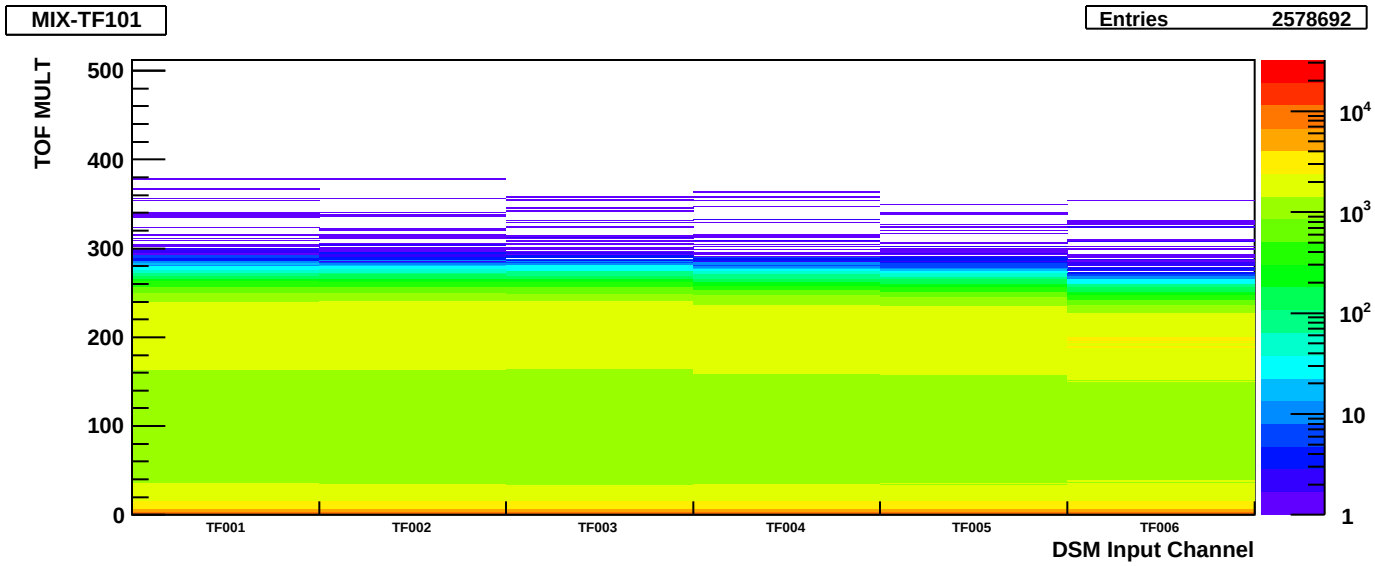

MIX-TF002
Entries 1.805084e+07
TOF MULT
TOF tray

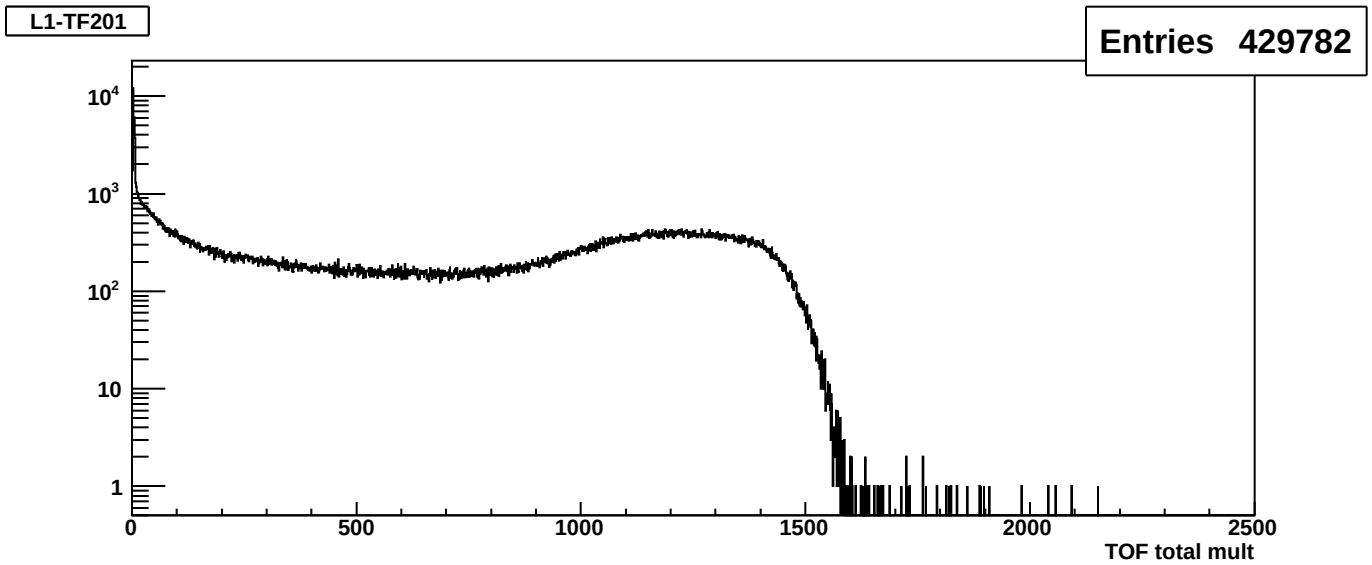

MIX-TF003
Entries 1.805084e+07
TOF MULT
TOF tray

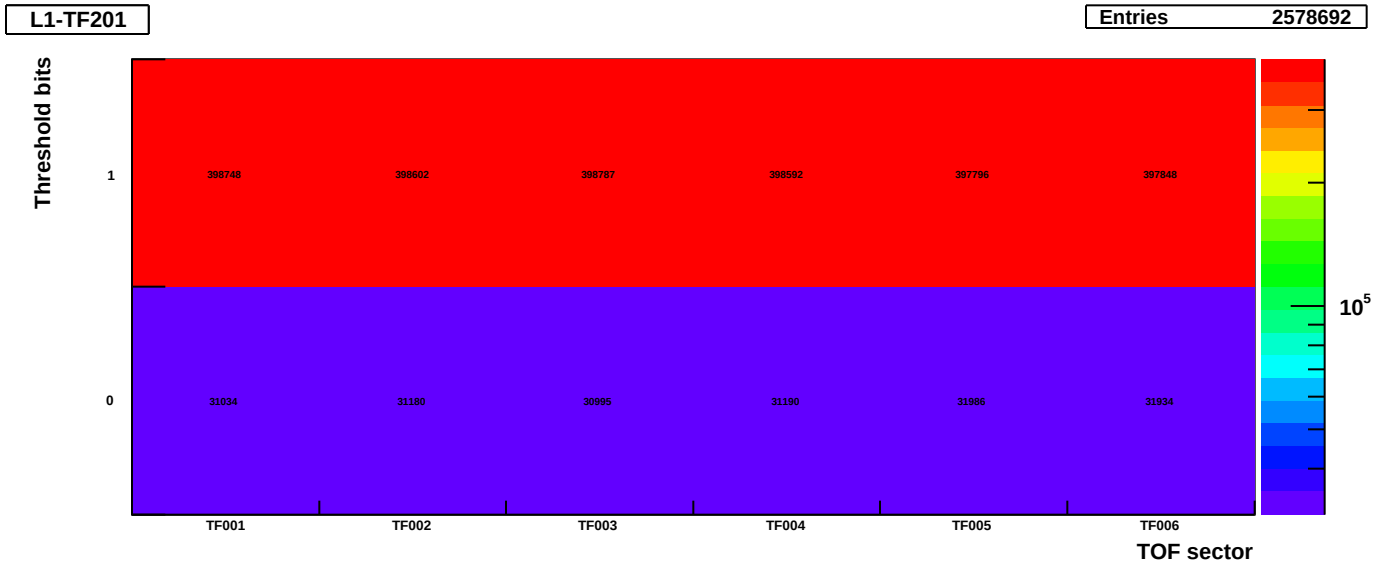

MIX-TF004
Entries 1.805084e+07
TOF MULT
TOF tray

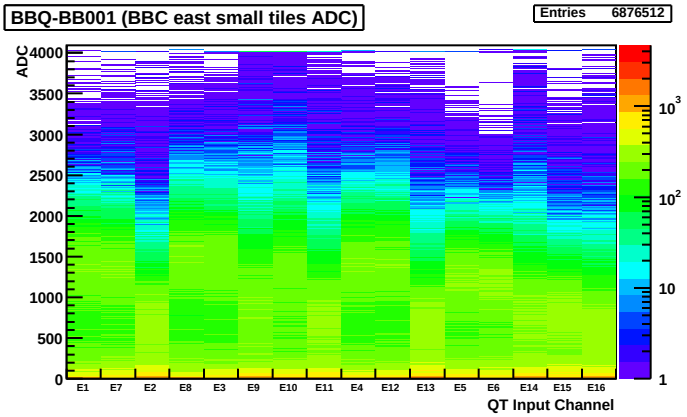

MIX-TF005
Entries 1.805084e+07
TOF MULT
TOF tray

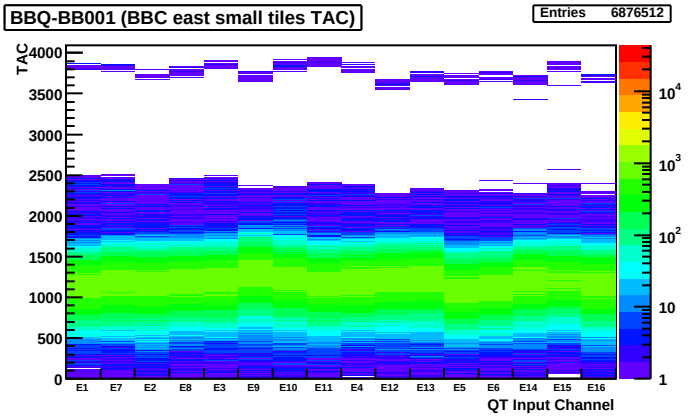

MIX-TF006
Entries 1.805084e+07
TOF MULT
TOF tray

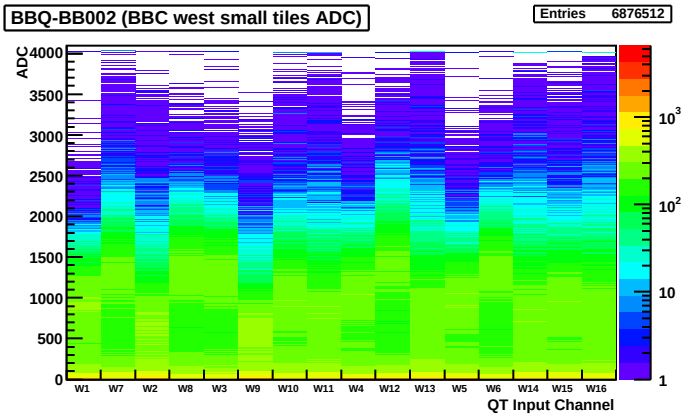

MIX-TF101
Entries 2578692
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^4
10^3
10^2
10
1

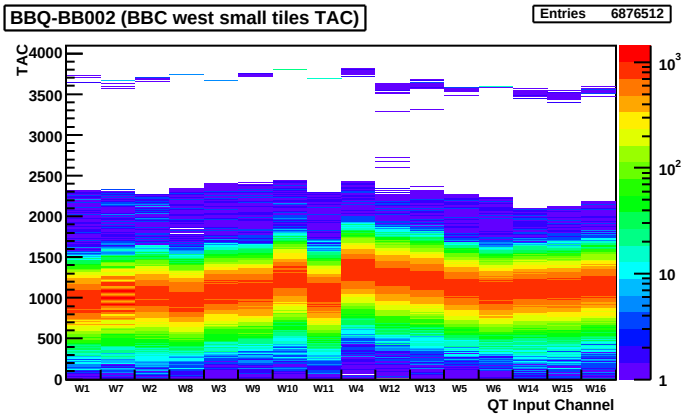

L1-TF201
Entries 429782
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

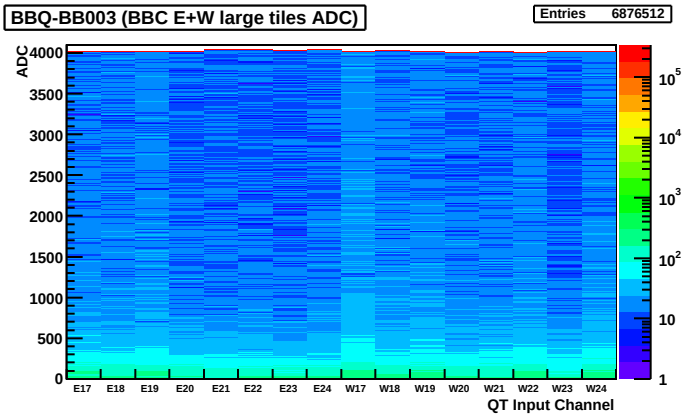

L1-TF201
Entries 2578692
Threshold bits
1
0
398748
398602
398787
398592
397796
397848
31034
31180
30995
31190
31986
31934
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^5

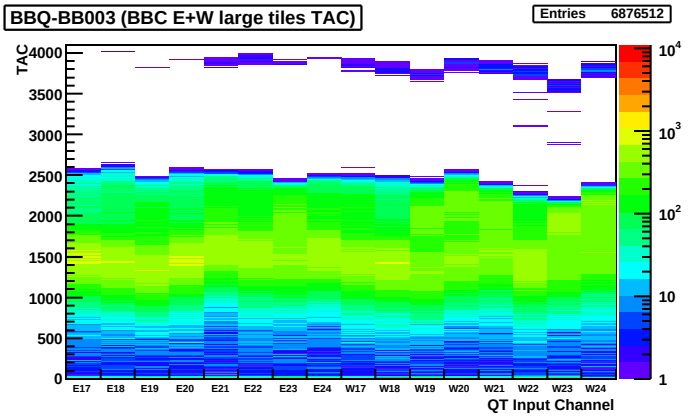

BBQ-BB001 (BBC east small tiles ADC)
Entries 6876512
ADC
QT Input Channel

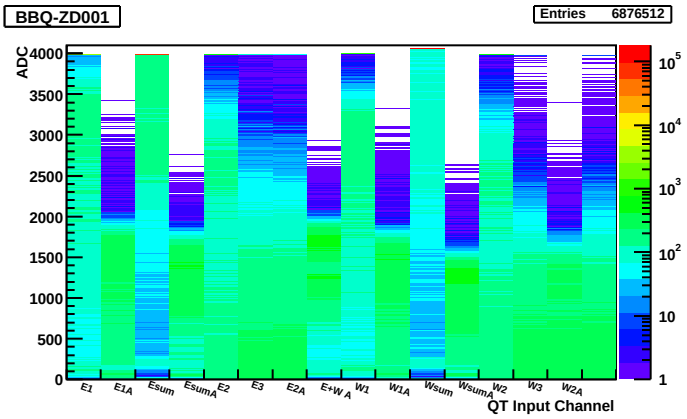

BBQ-BB001 (BBC east small tiles TAC)
Entries 6876512
TAC
QT Input Channel

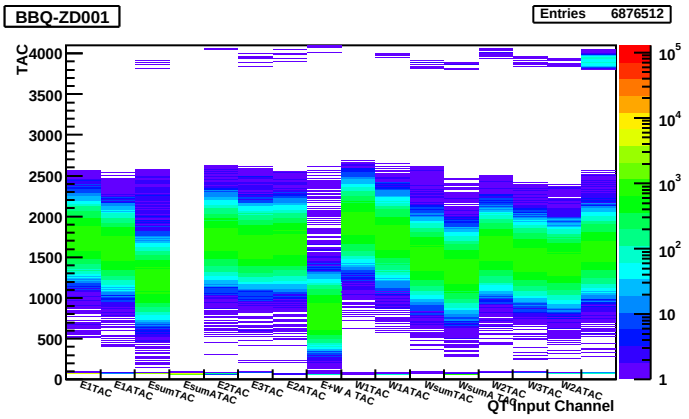

BBQ-BB002 (BBC west small tiles ADC)
Entries 6876512
ADC
QT Input Channel

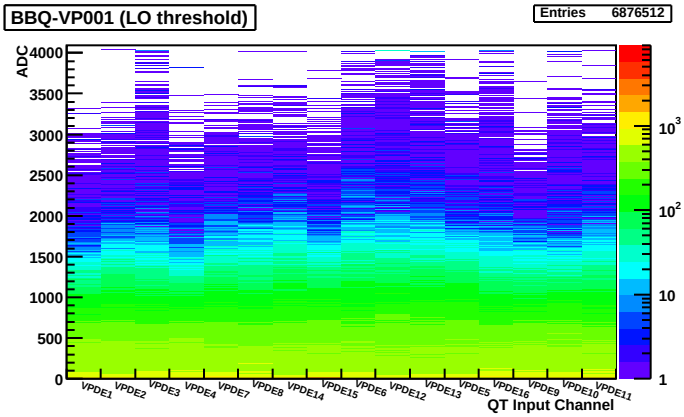

BBQ-BB002 (BBC west small tiles TAC)
Entries 6876512
TAC
QT Input Channel

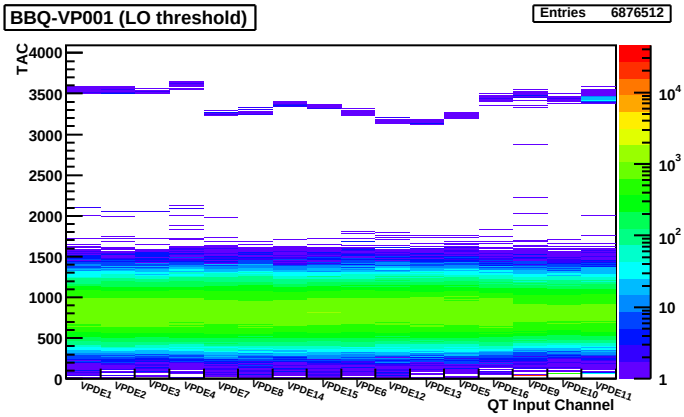

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6876512
ADC
QT Input Channel

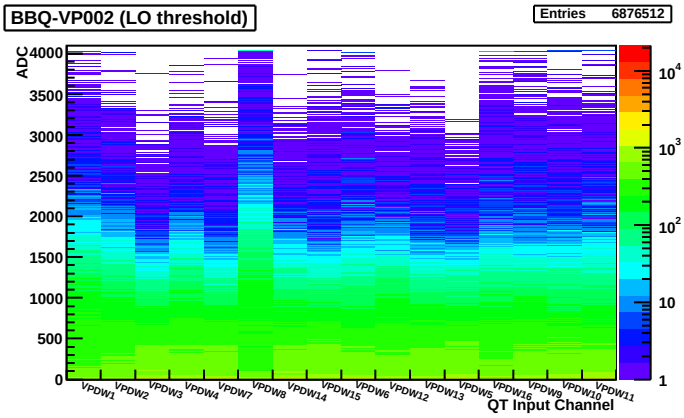

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6876512
TAC
QT Input Channel

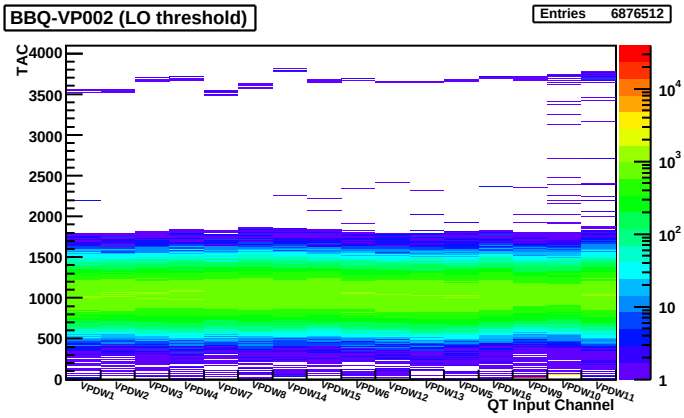

BBQ-ZD001
Entries 6876512
ADC
QT Input Channel

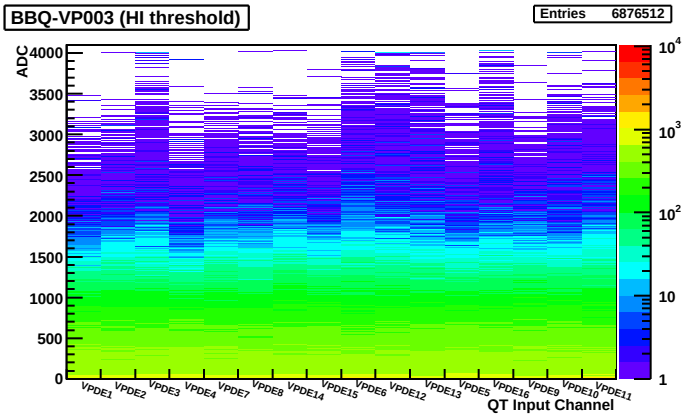

BBQ-ZD001
Entries 6876512
TAC
QT Input Channel

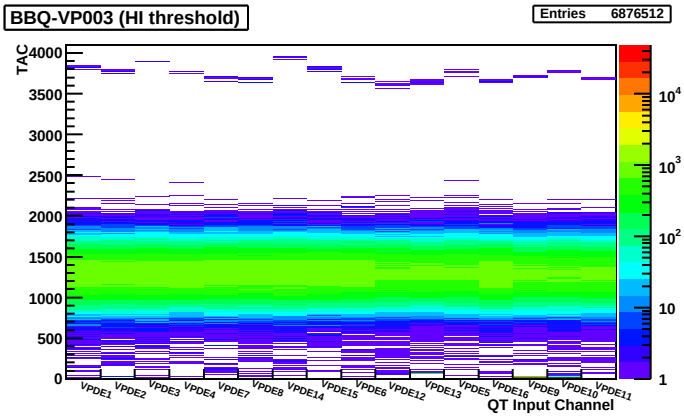

BBQ-VP001 (LO threshold)
Entries 6876512
ADC
QT Input Channel

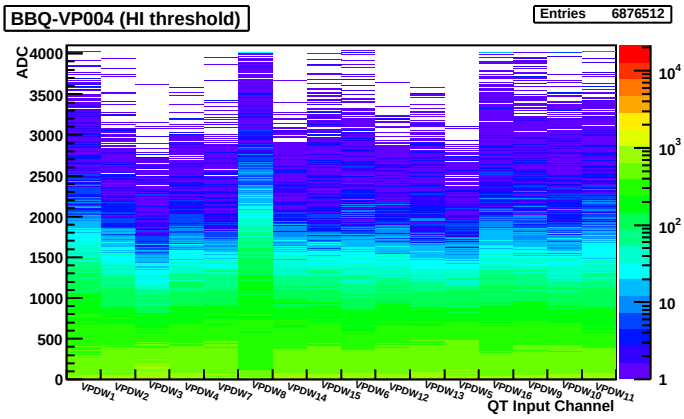

BBQ-VP001 (LO threshold)
Entries 6876512
TAC
QT Input Channel

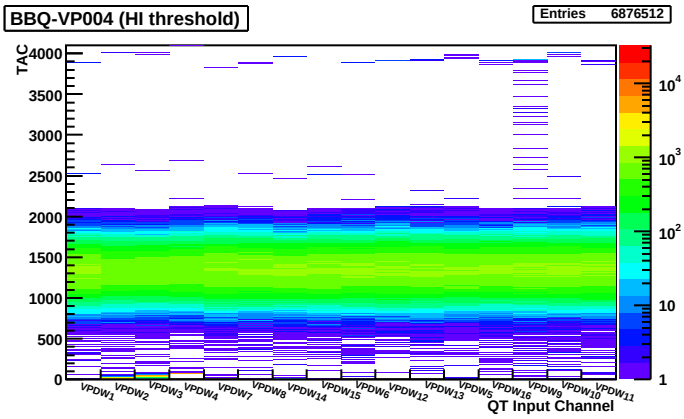

BBQ-VP002 (LO threshold)
Entries 6876512
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 6876512
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 6876512
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 6876512
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 6876512
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 6876512
TAC
QT Input Channel