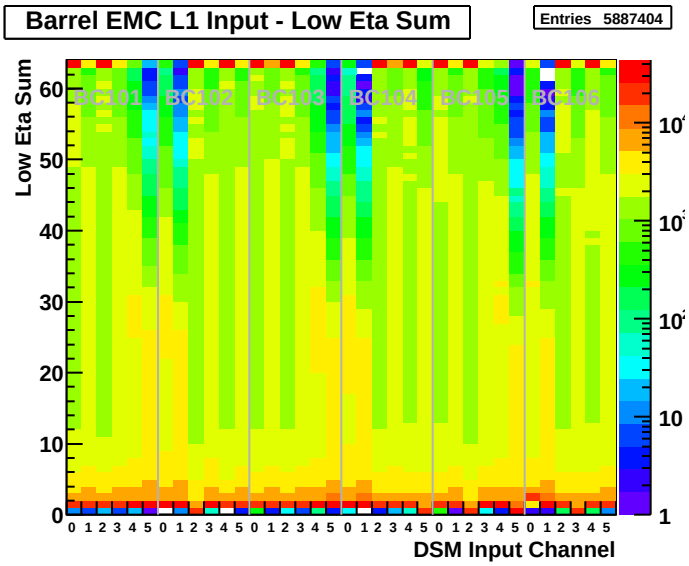
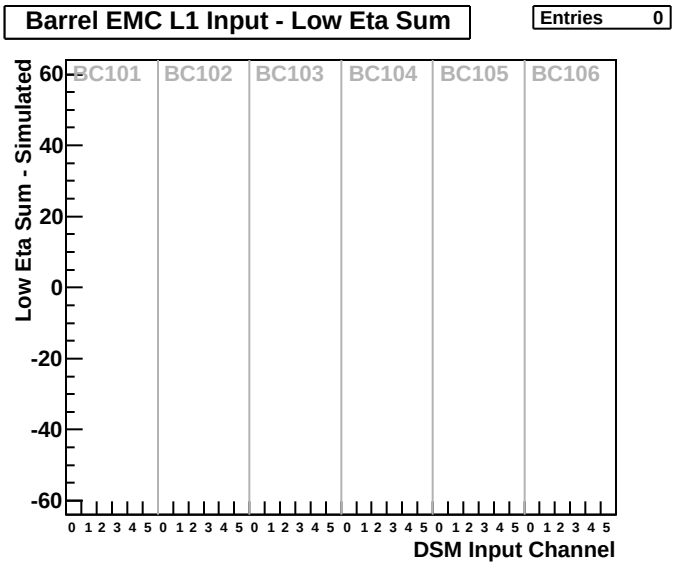
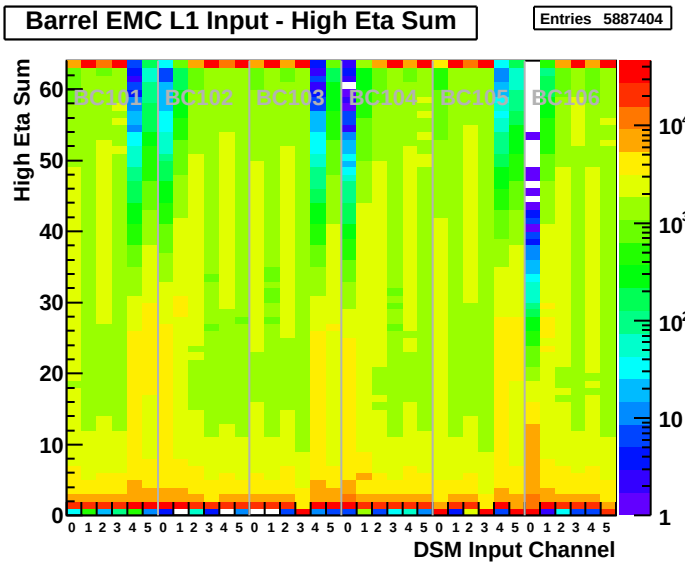
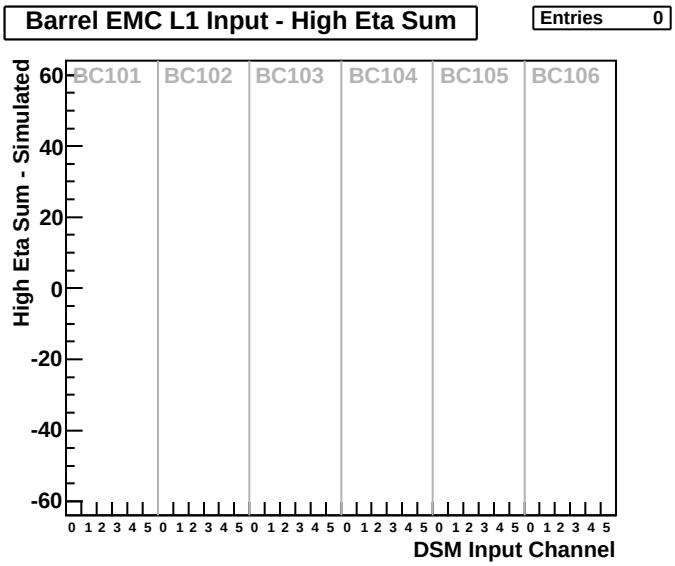
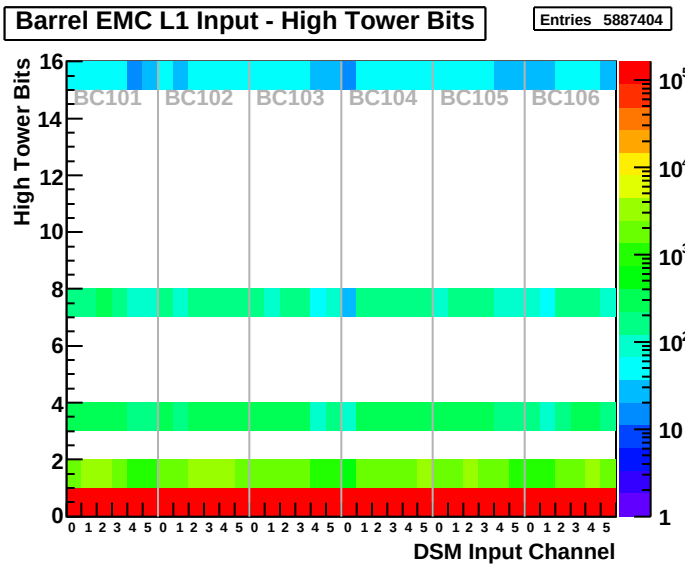
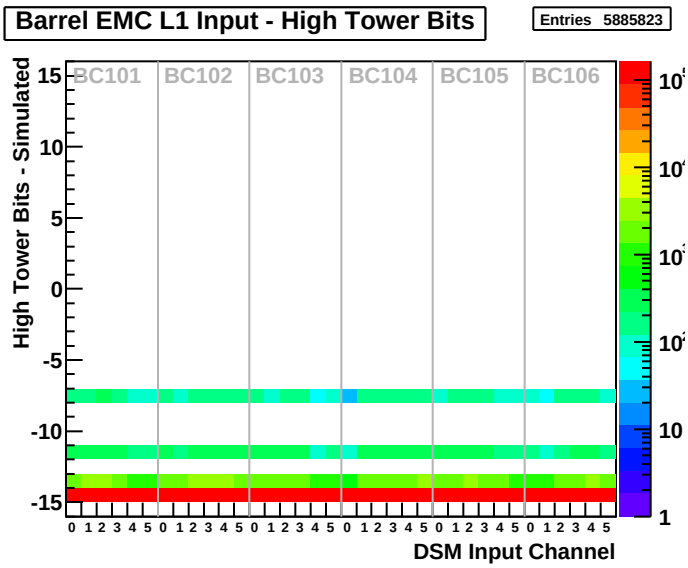

Barrel EMC L1 Input - Low Eta Sum
Entries 5887404
Low Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

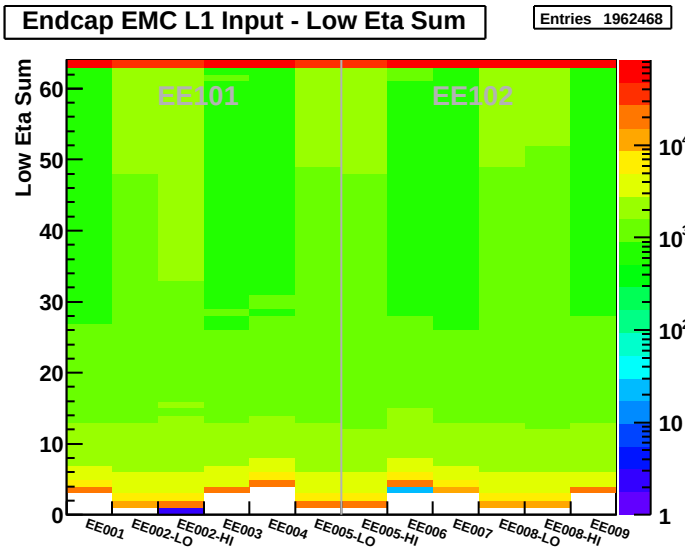

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

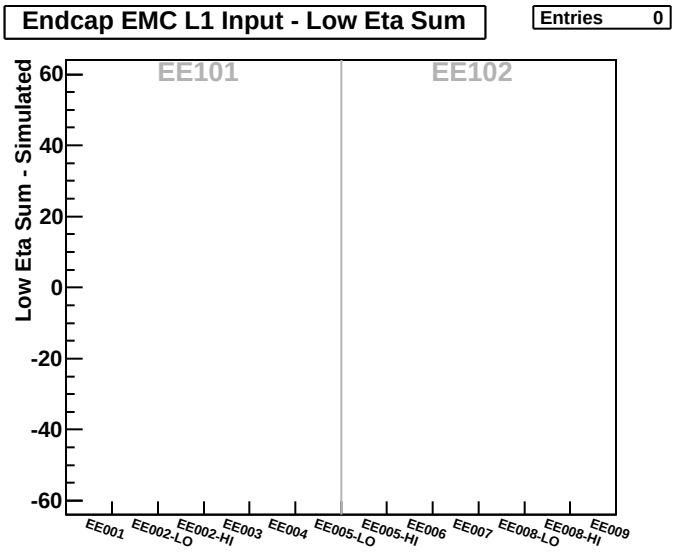

Barrel EMC L1 Input - High Eta Sum
Entries 5887404
High Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

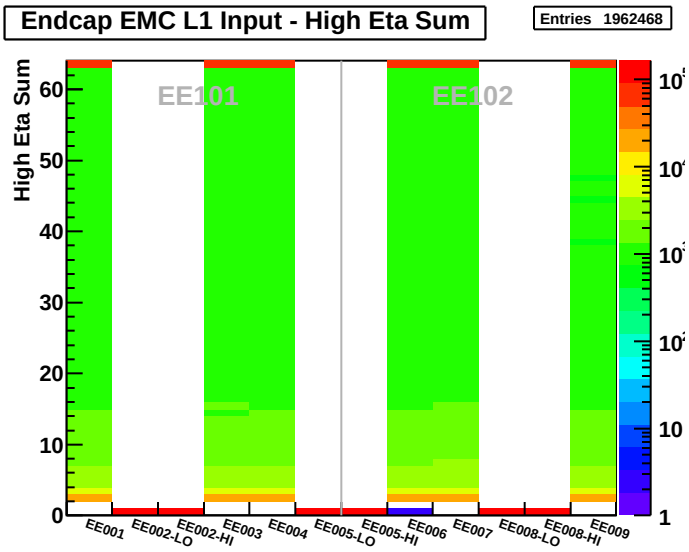

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

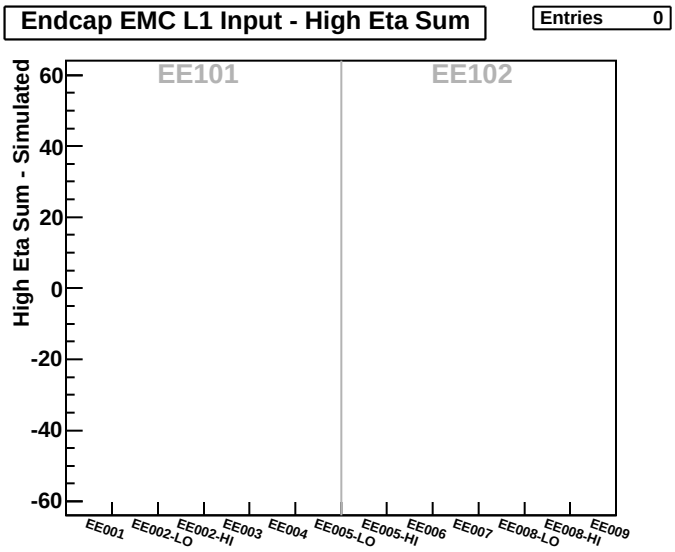

Barrel EMC L1 Input - High Tower Bits
Entries 5887404
High Tower Bits
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

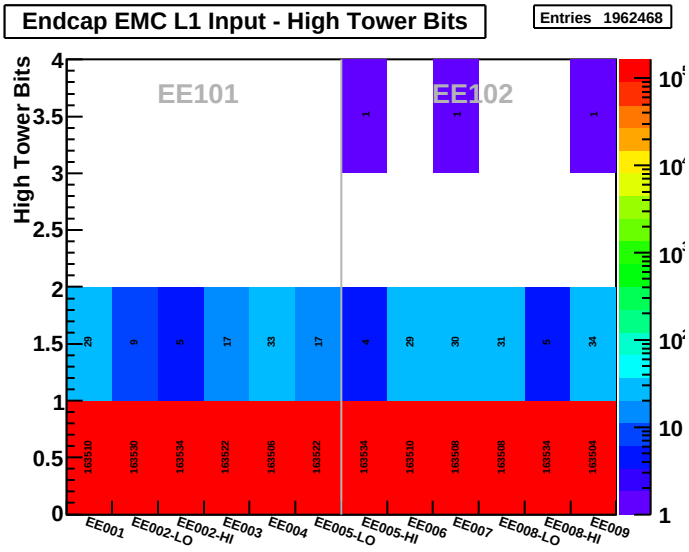

Barrel EMC L1 Input - High Tower Bits
Entries 5885823
High Tower Bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

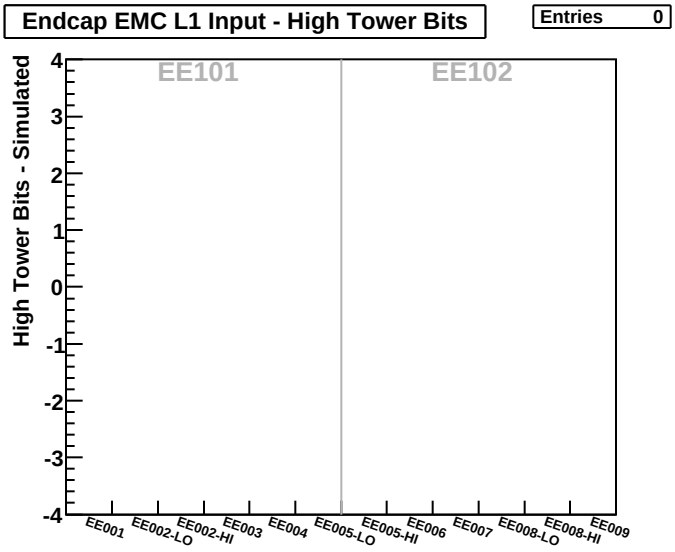

Endcap EMC L1 Input - Low Eta Sum
Entries 1962468
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

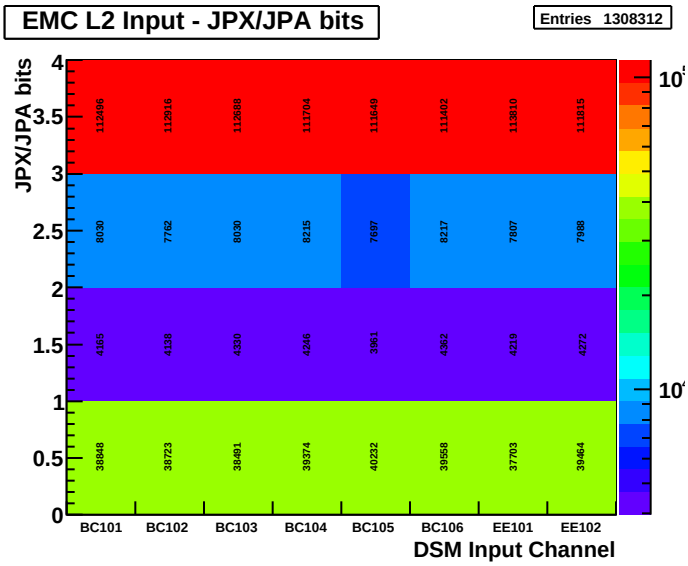

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

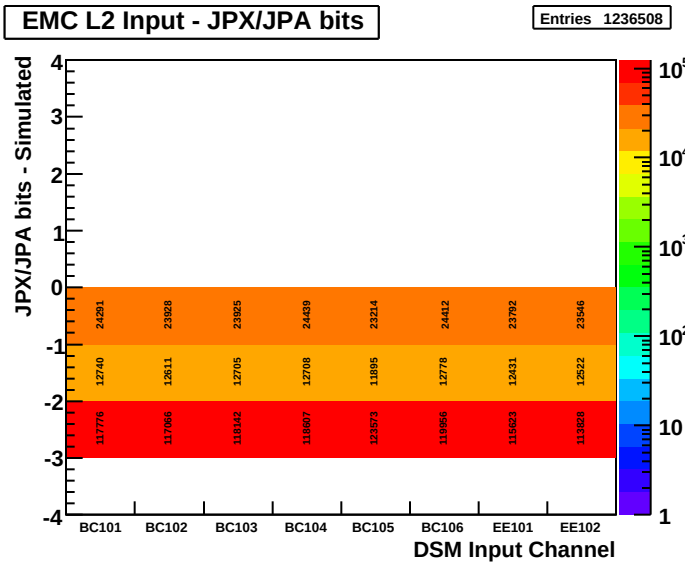

Endcap EMC L1 Input - High Eta Sum
Entries 1962468
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

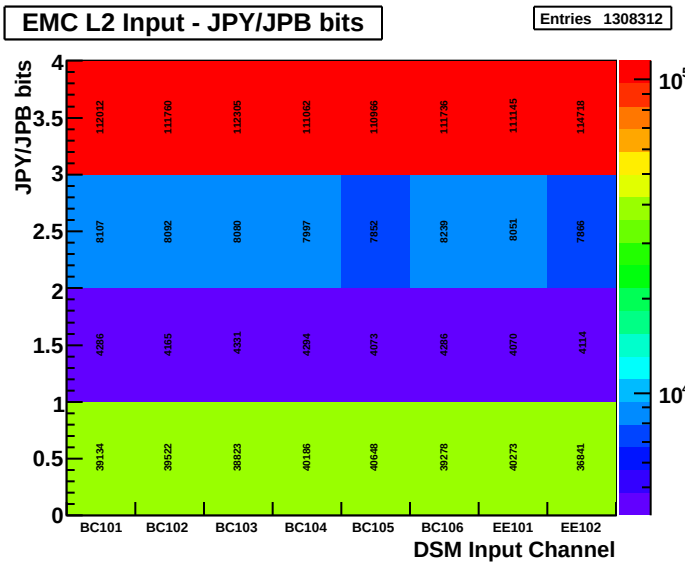

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

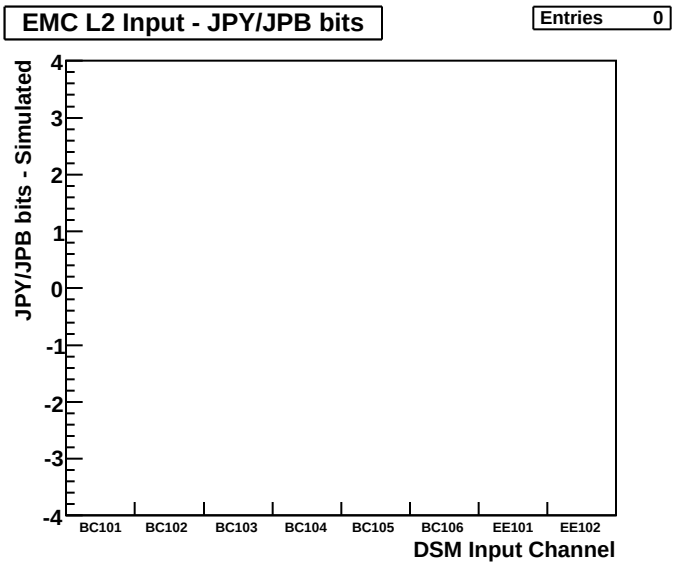

Endcap EMC L1 Input - High Tower Bits
Entries 1962468
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

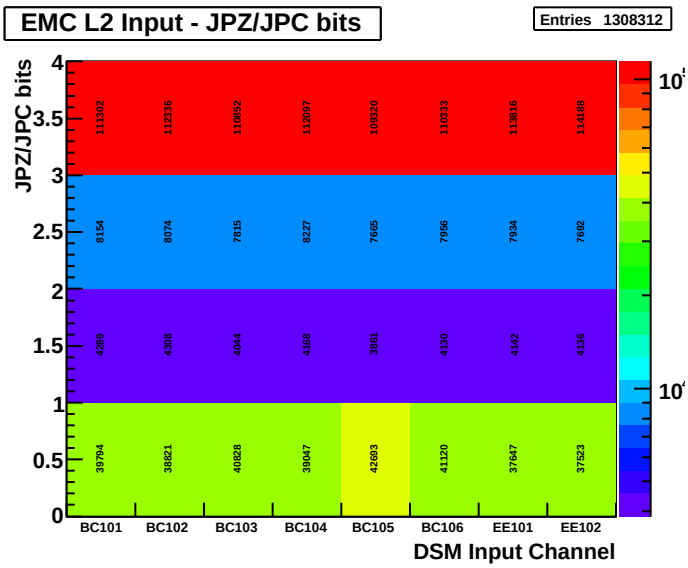

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

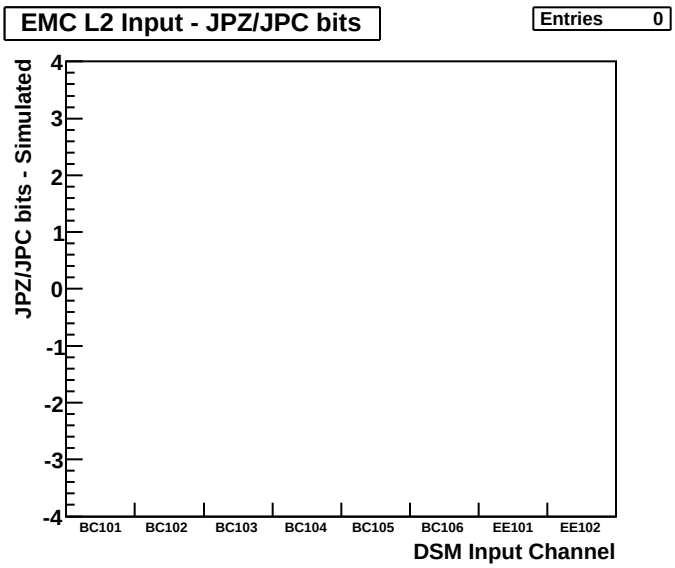

EMC L2 Input - JPX/JPA bits
Entries 1308312
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
112496 112916 112688 111704 111649 111402 113810 111815
8030 7762 8030 8215 7697 8217 7807 7988
4165 4128 4320 4246 3961 4362 4219 4272
38848 38723 38491 39374 40232 39558 37703 39464

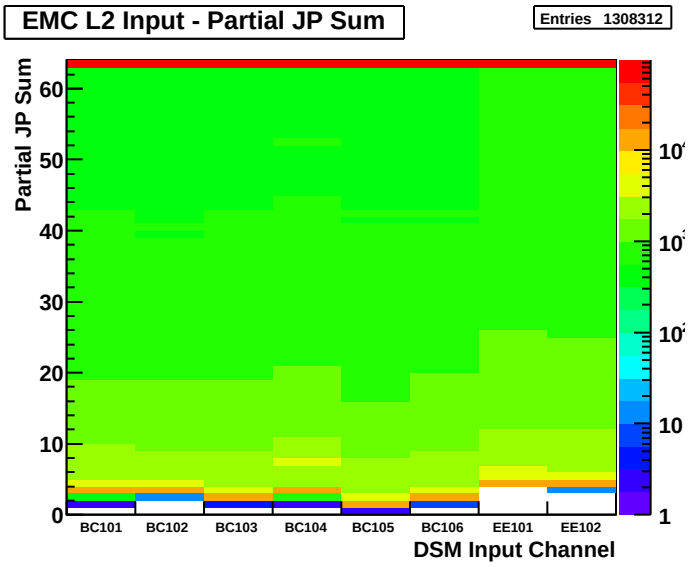

EMC L2 Input - JPX/JPA bits
Entries 1236508
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
24291 23928 23925 24439 23214 24412 23792 23546
12740 12611 12705 12708 11895 12778 12431 12522
117776 117066 118142 118607 123573 119956 115623 113828

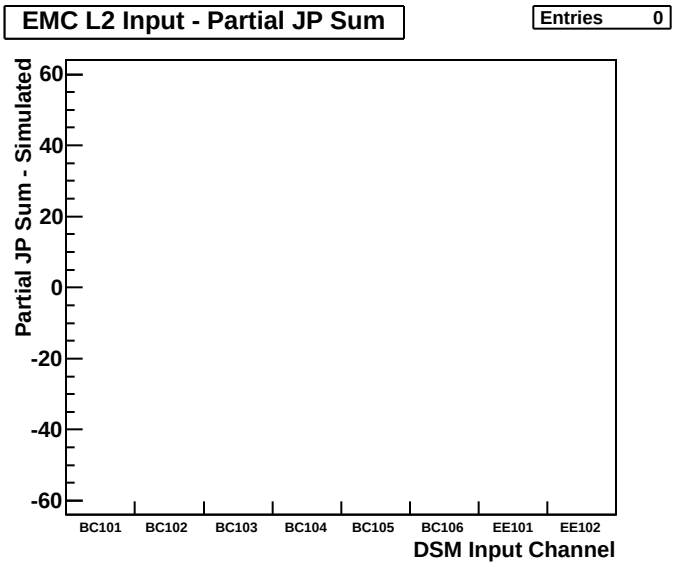

EMC L2 Input - JPY/JPB bits
Entries 1308312
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
112012 111760 112305 111062 110966 111736 111145 114718
8107 8092 8080 7997 7852 8239 8051 7866
4286 4155 4231 4294 4073 4286 4070 4114
39134 39522 38823 40186 40648 39278 40273 36841

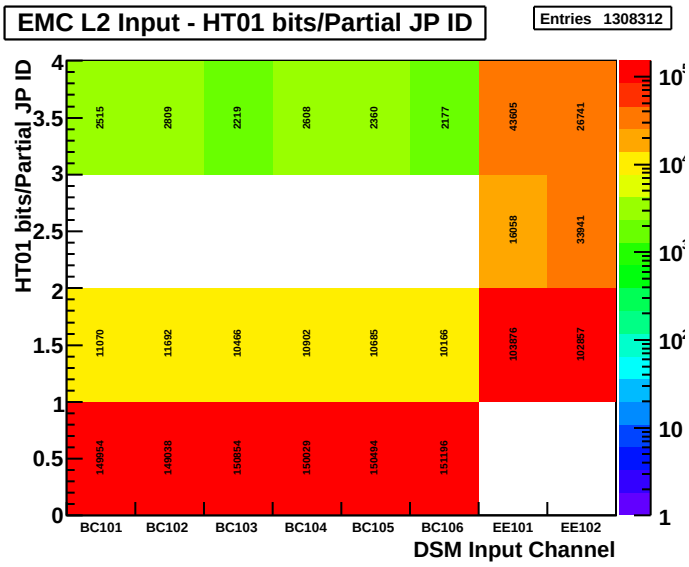

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

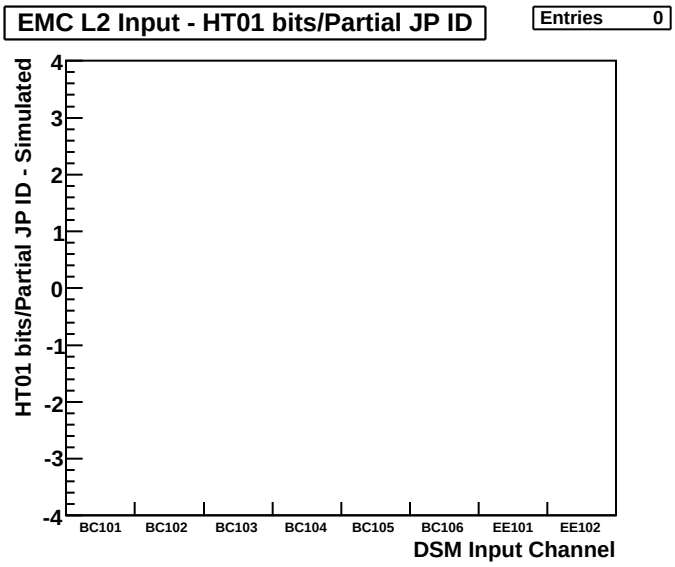

EMC L2 Input - JPZ/JPC bits
Entries 1308312
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
111302 112336 110652 112097 109320 110333 113816 114188
8154 8074 7815 8227 7665 7956 7934 7692
4289 4308 4044 4168 3861 4130 4142 4136
39794 38821 40828 39947 42693 41120 37647 37523

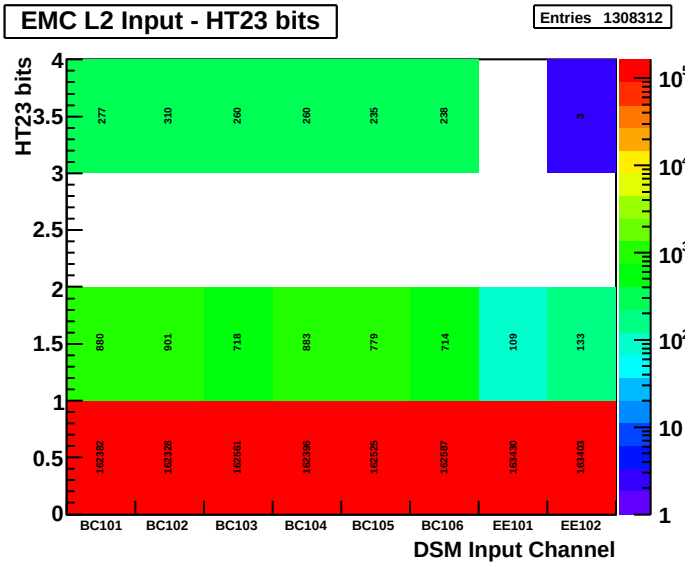

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

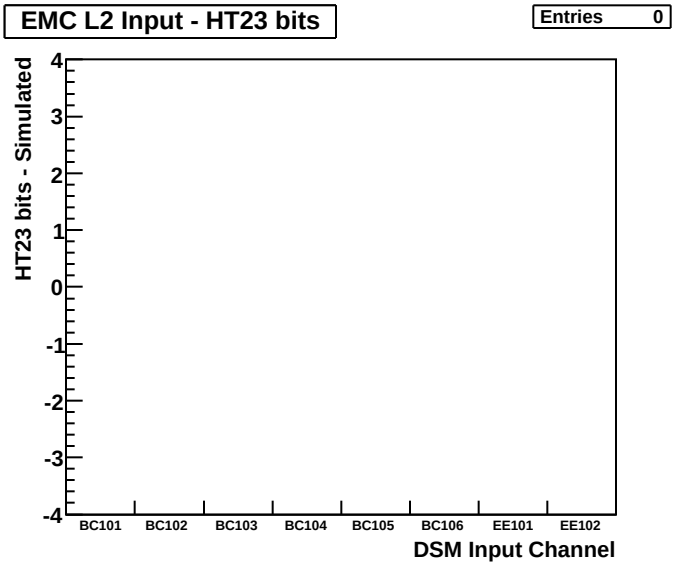

EMC L2 Input - Partial JP Sum
Entries 1308312
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

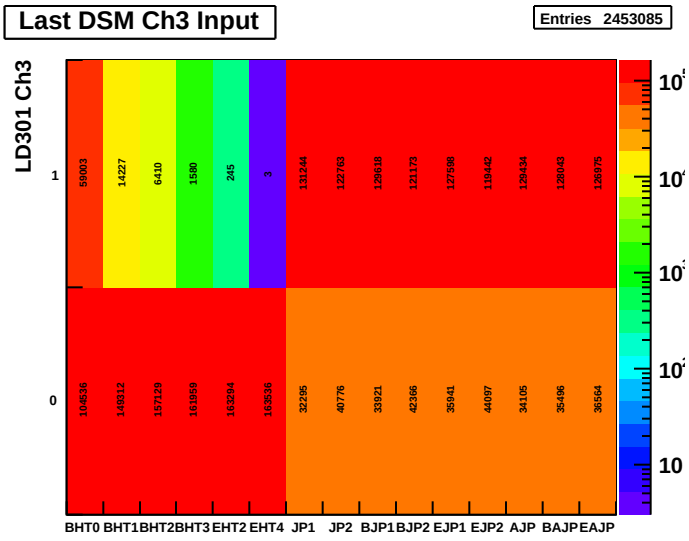

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

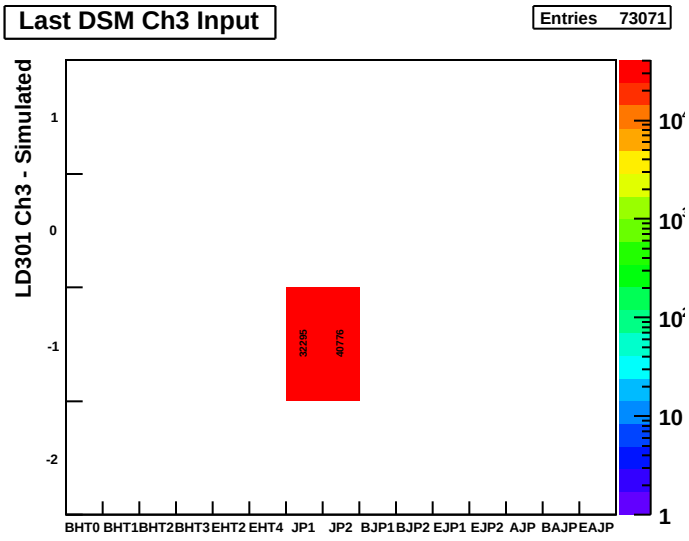

EMC L2 Input - HT01 bits/Partial JP ID
Entries 1308312
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

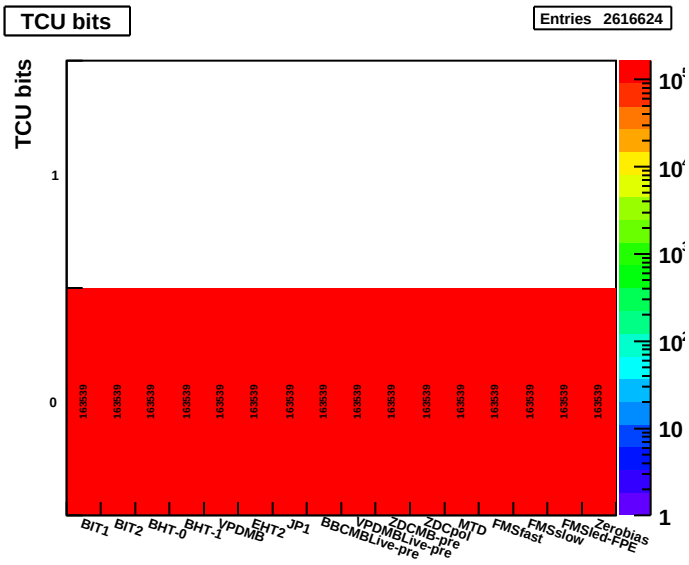

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

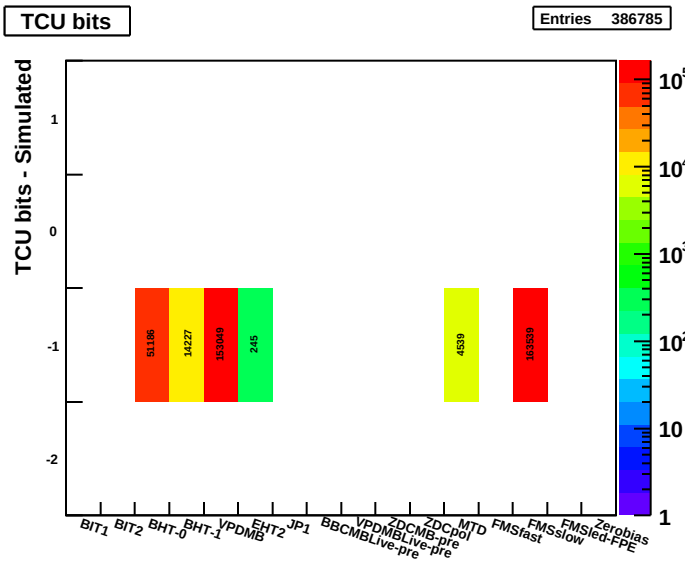

EMC L2 Input - HT23 bits
Entries 1308312
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

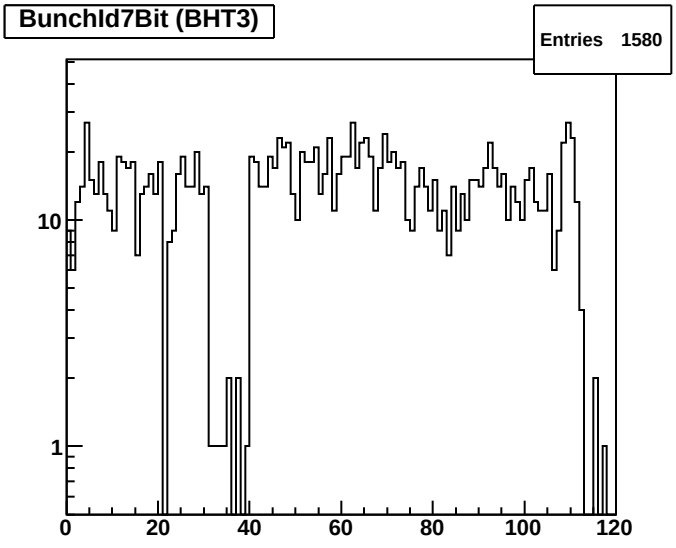

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

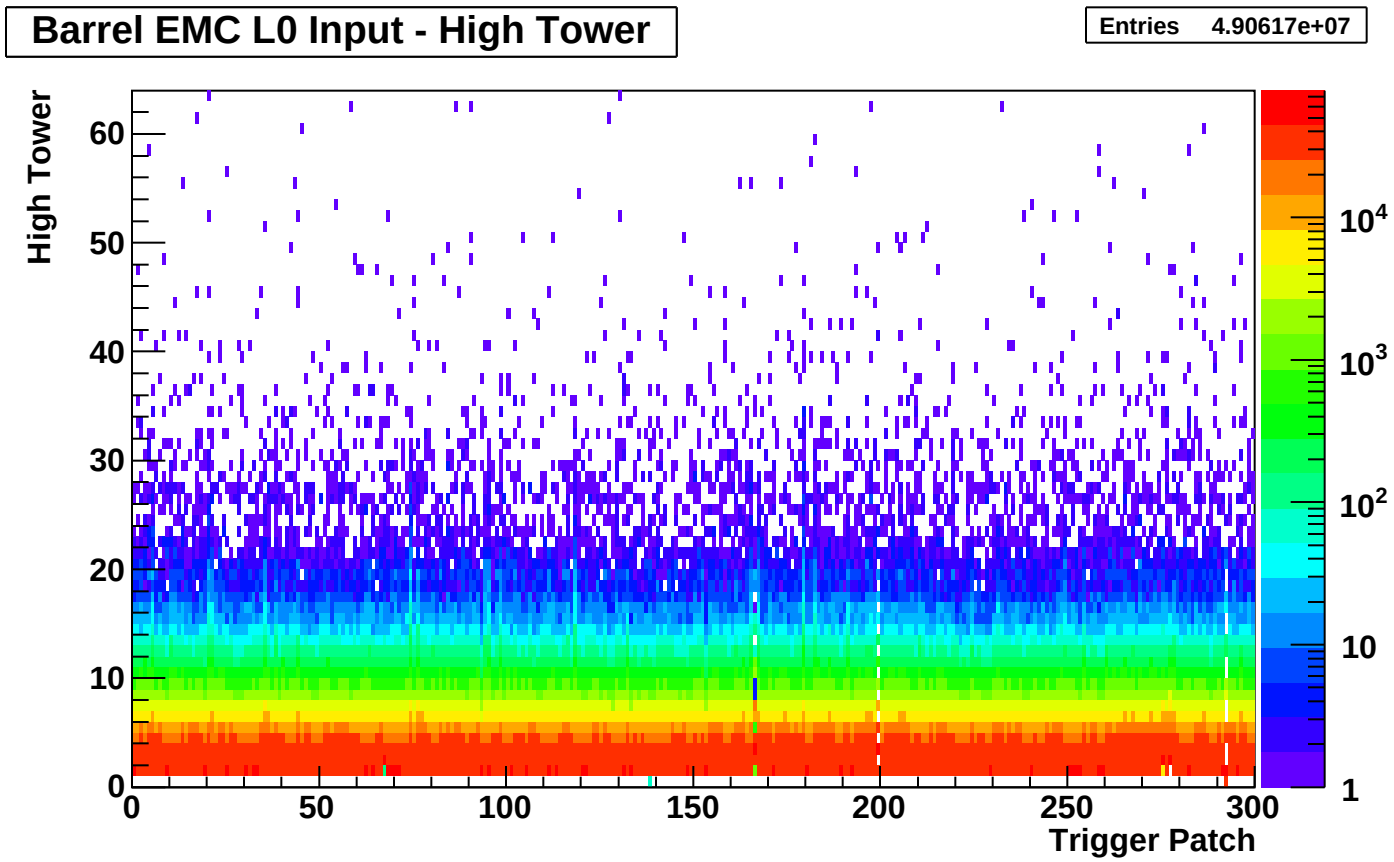

Last DSM Ch3 Input
Entries 2453085
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

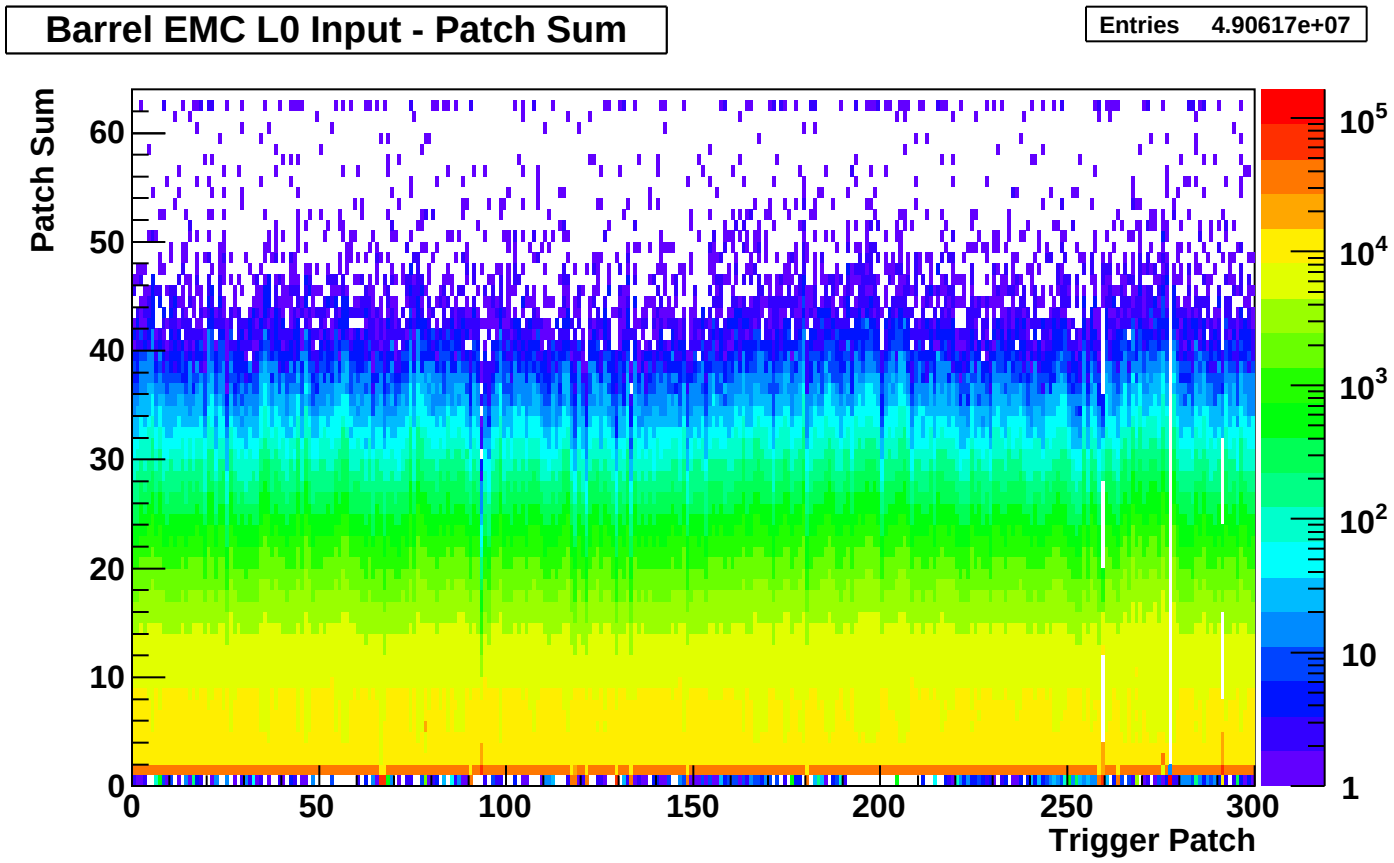

Last DSM Ch3 Input
Entries 73071
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

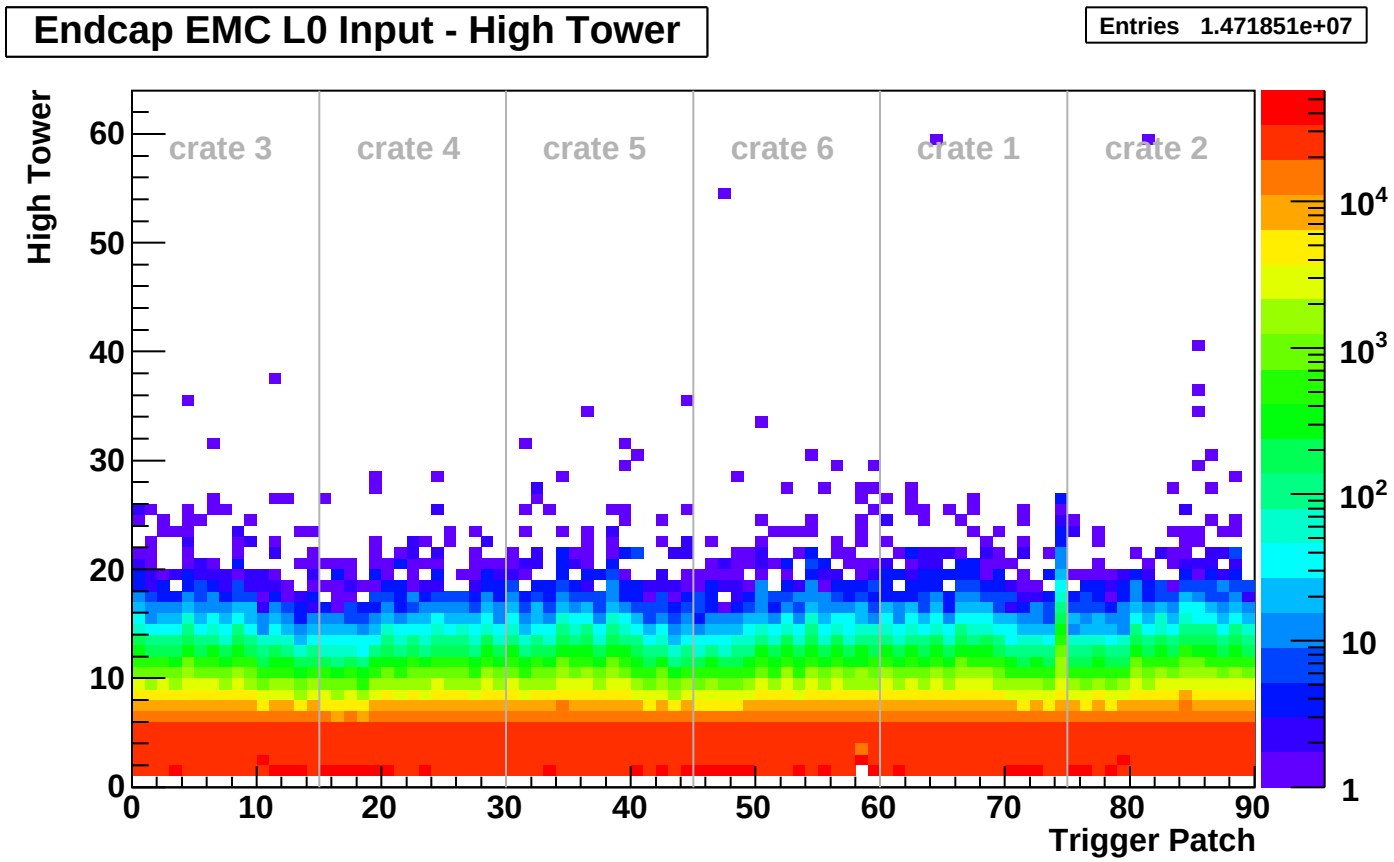

TCU bits
Entries 2616624
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

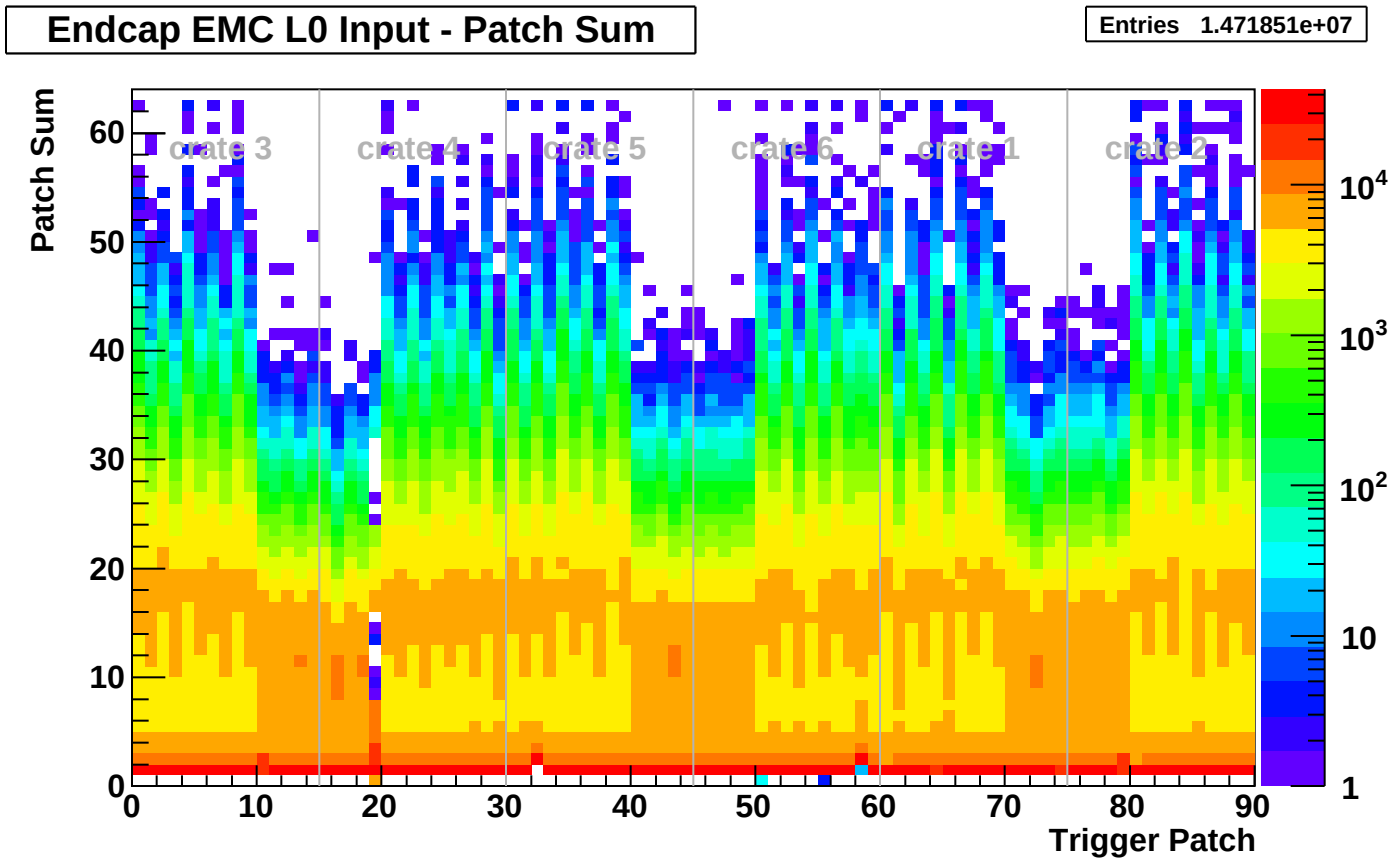

TCU bits
Entries 386785
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

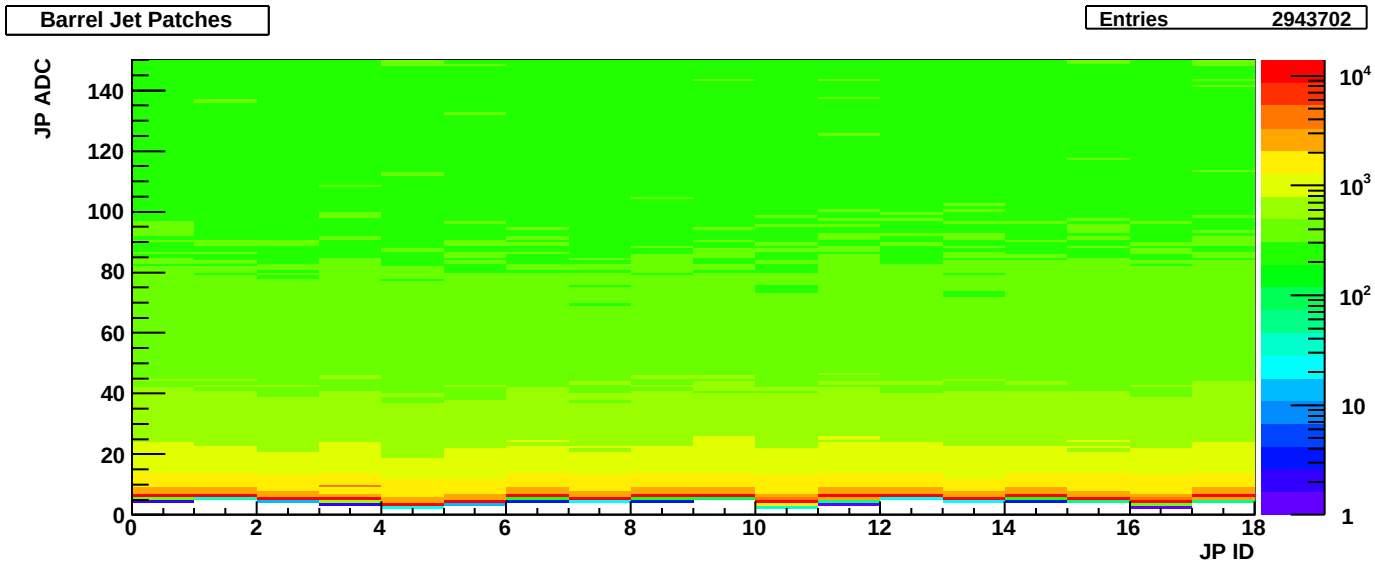

BunchId7Bit (BHT3)
Entries 1580

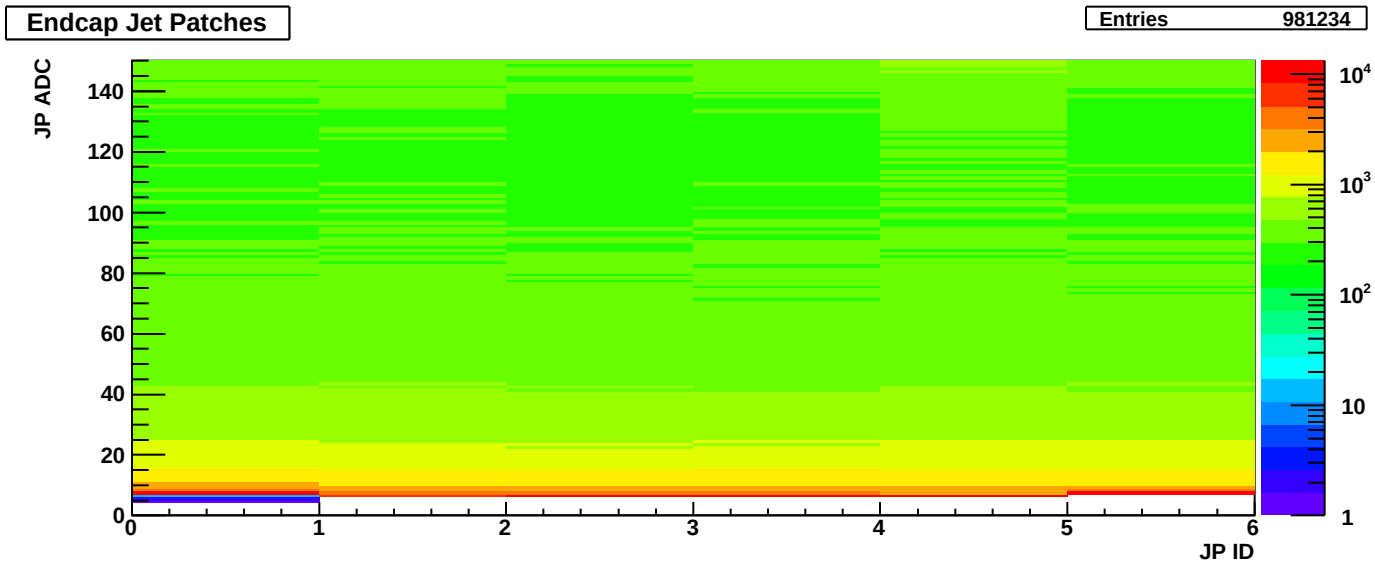

Barrel EMC L0 Input - High Tower
Entries 4.90617e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

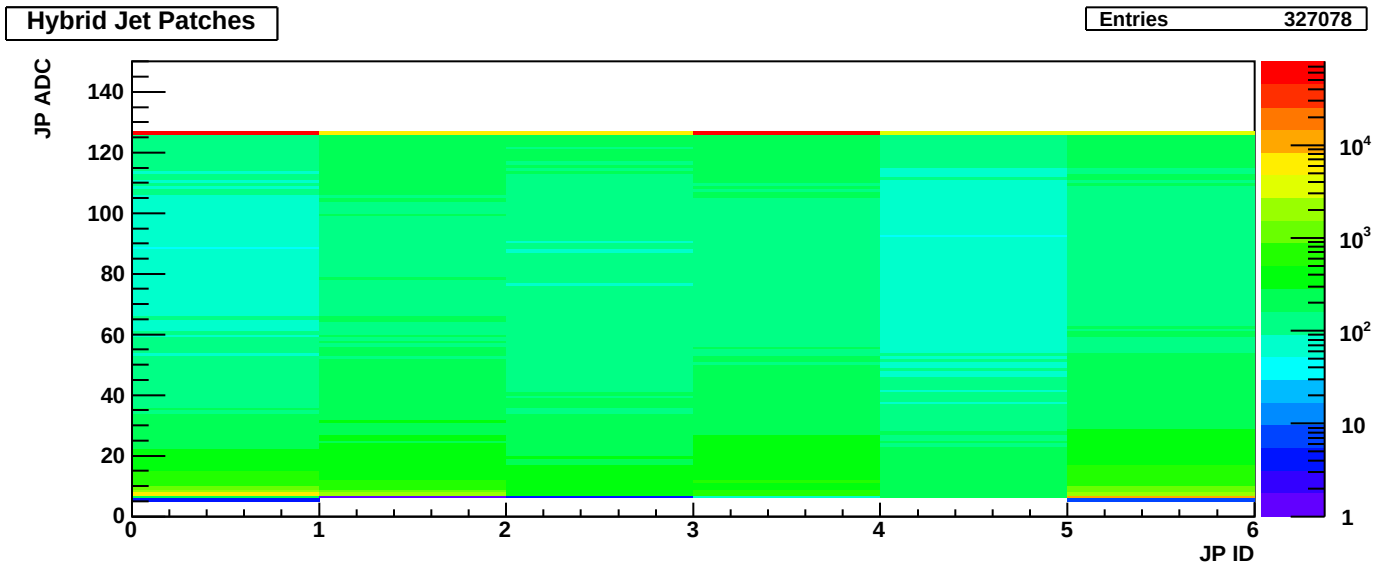

Barrel EMC L0 Input - Patch Sum
Entries 4.90617e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5


Endcap EMC L0 Input - High Tower
Entries 1.471851e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

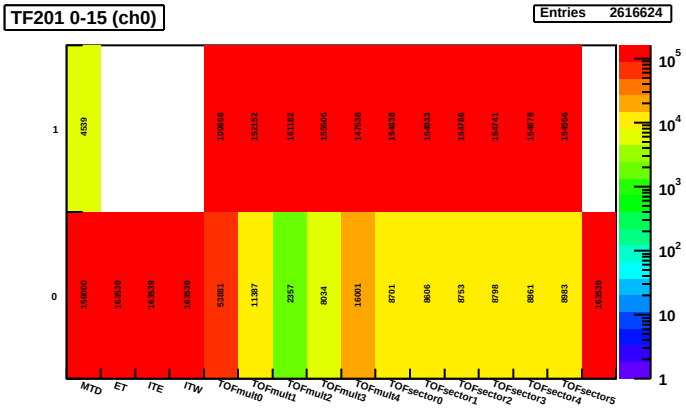

Endcap EMC L0 Input - Patch Sum
Entries 1.471851e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch


Barrel Jet Patches
Entries 2943702
JP ADC
JP ID

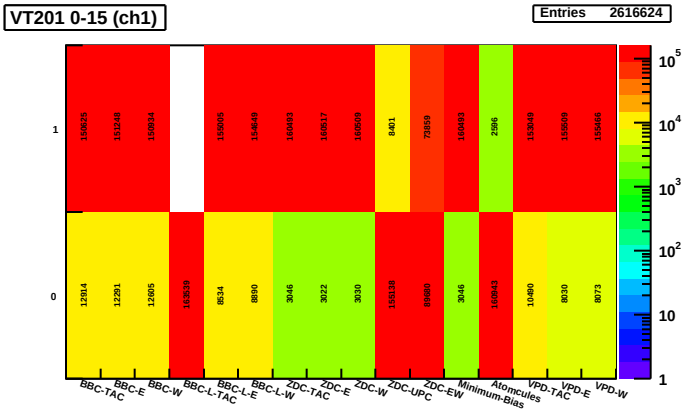

Endcap Jet Patches
Entries 981234
JP ADC
JP ID


Hybrid Jet Patches
Entries 327078
JP ADC
JP ID

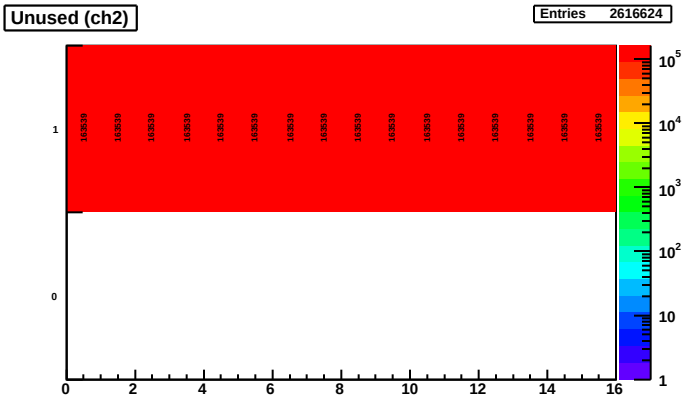
TF201 0-15 (ch0)



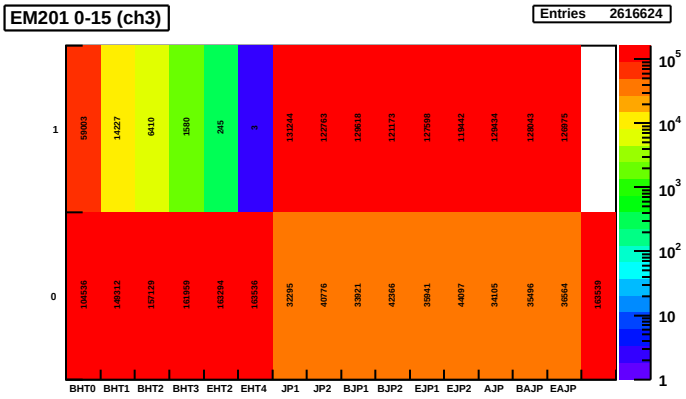
VT201 0-15 (ch1)



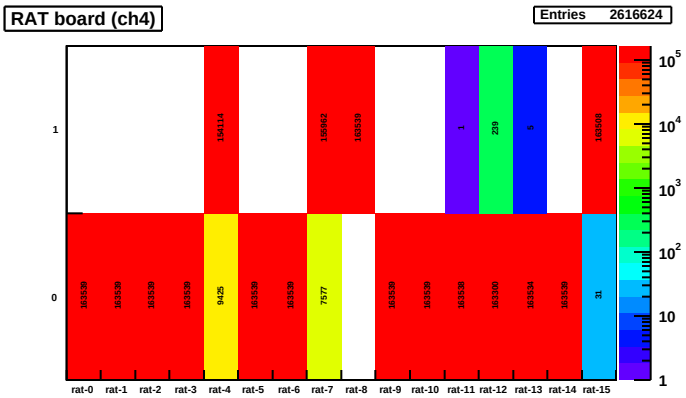
Unused (ch2)



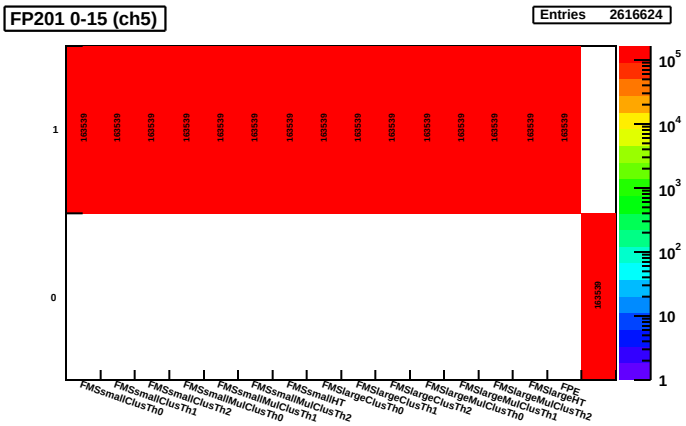
EM201 0-15 (ch3)



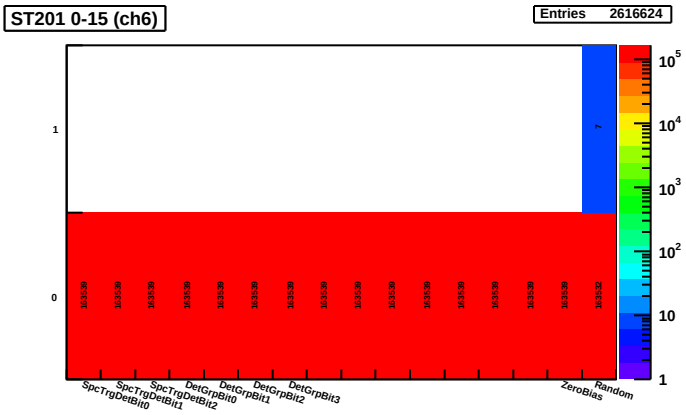
RAT board (ch4)



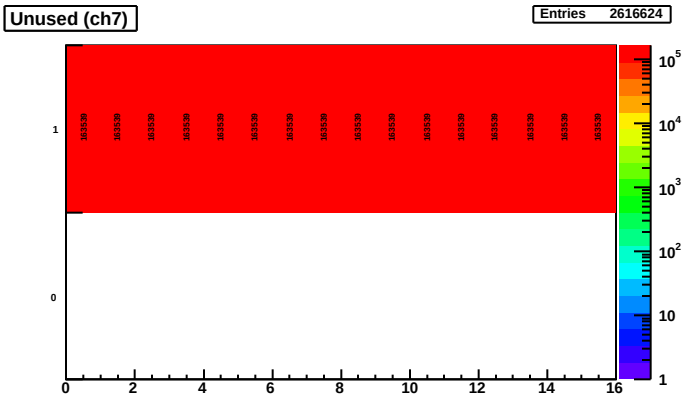
FP201 0-15 (ch5)

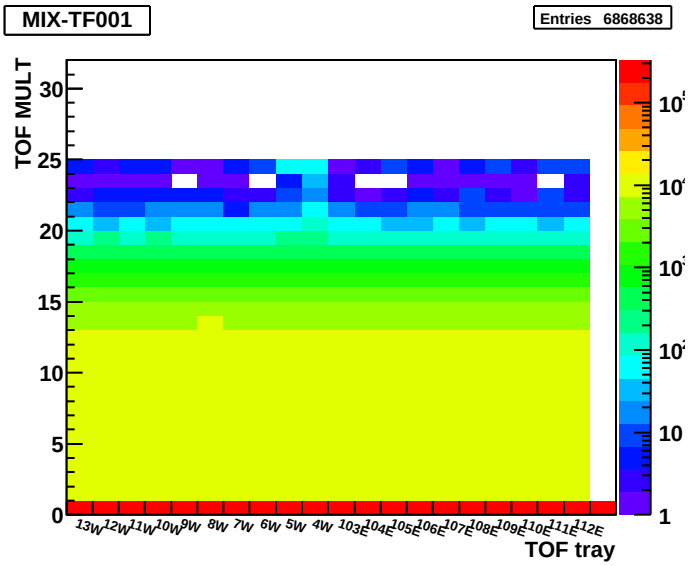


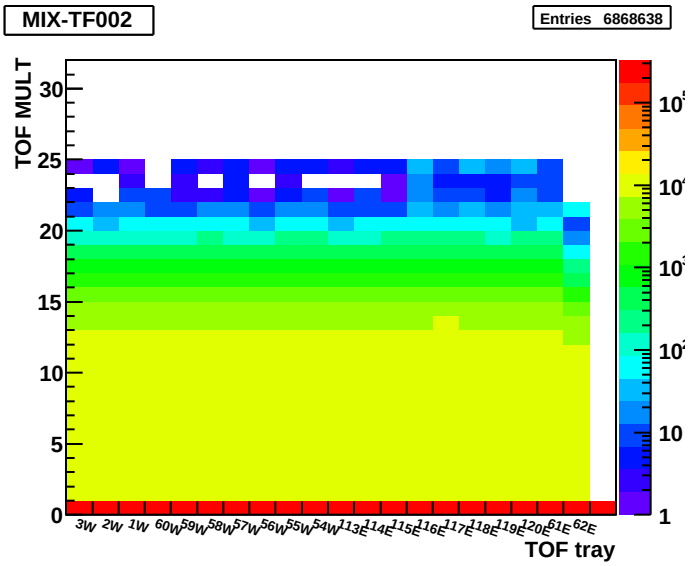
ST201 0-15 (ch6)

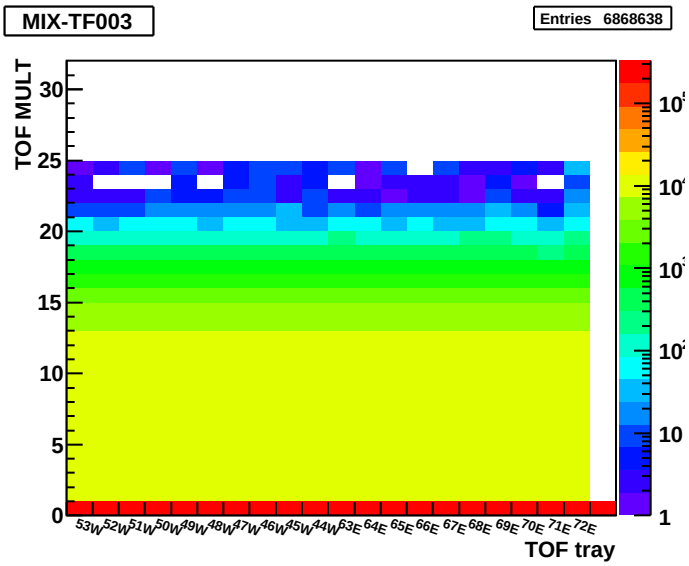


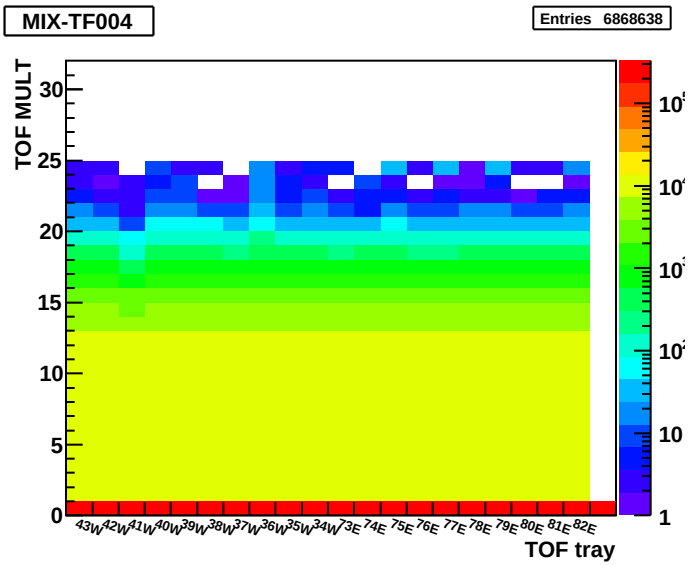
Unused (ch7)

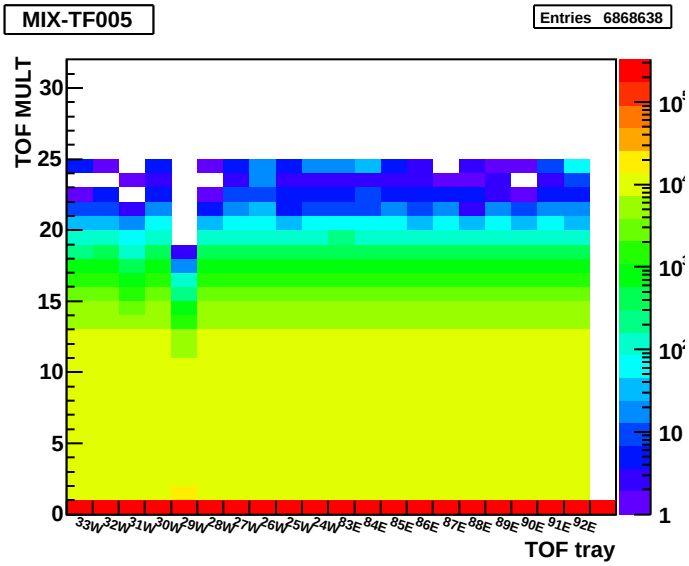


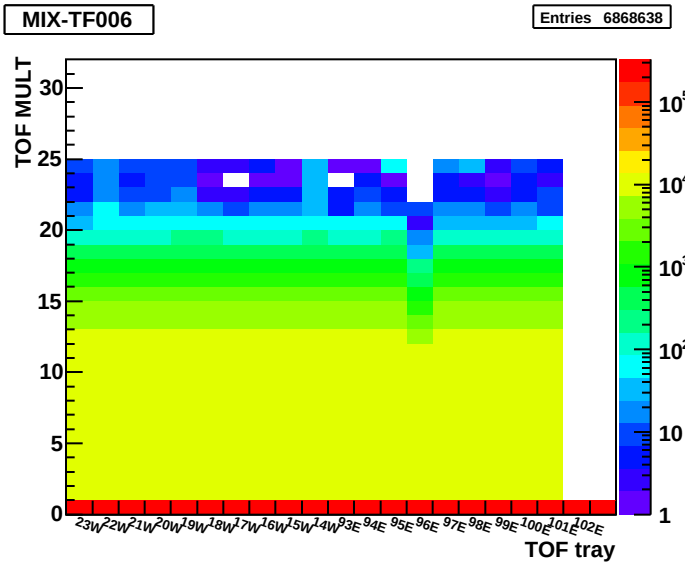

MIX-TF001
Entries 6868638
TOF MULT
TOF tray

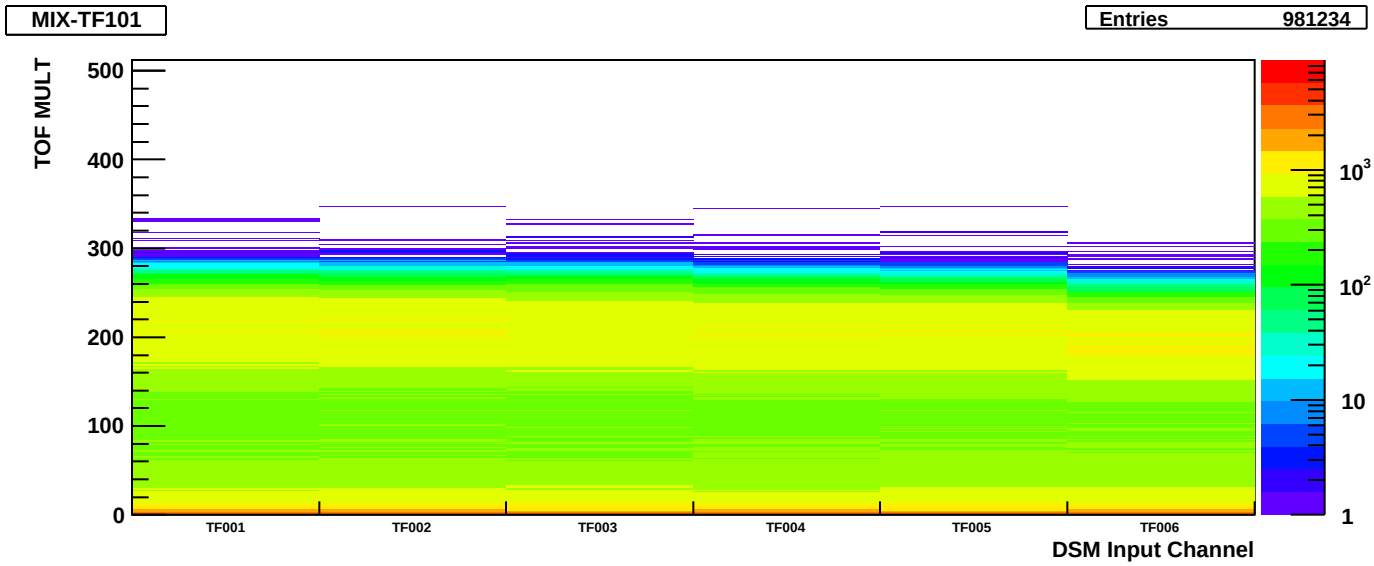

MIX-TF002
Entries 6868638
TOF MULT
TOF tray

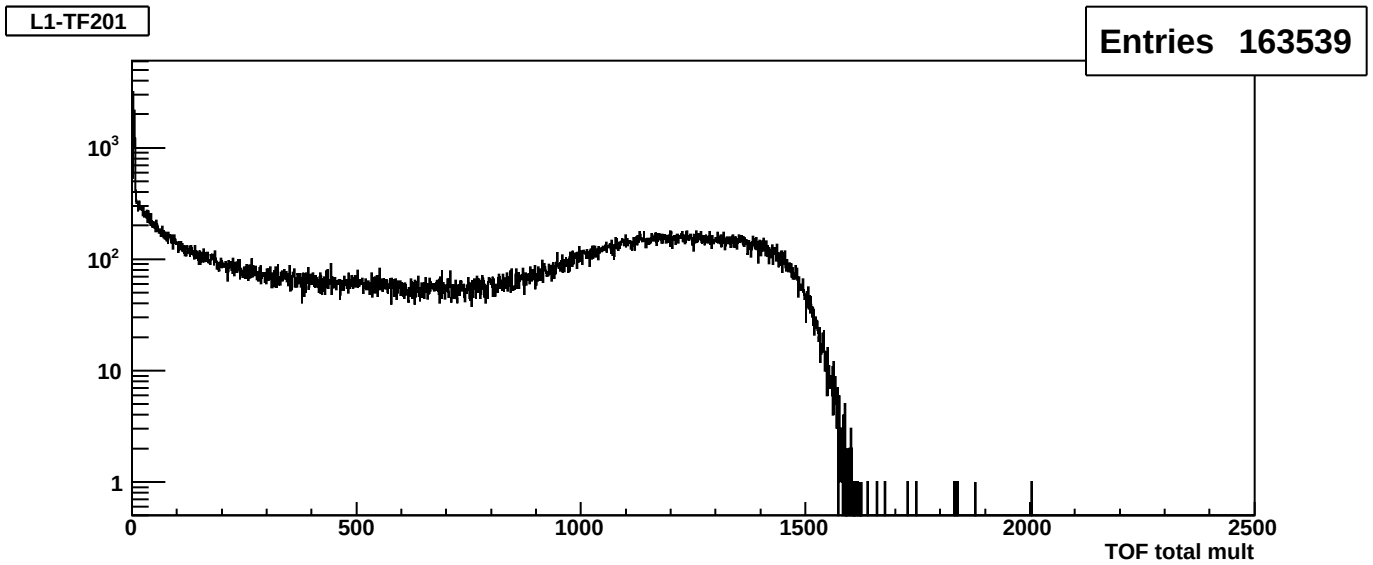

MIX-TF003
Entries 6868638
TOF MULT
TOF tray

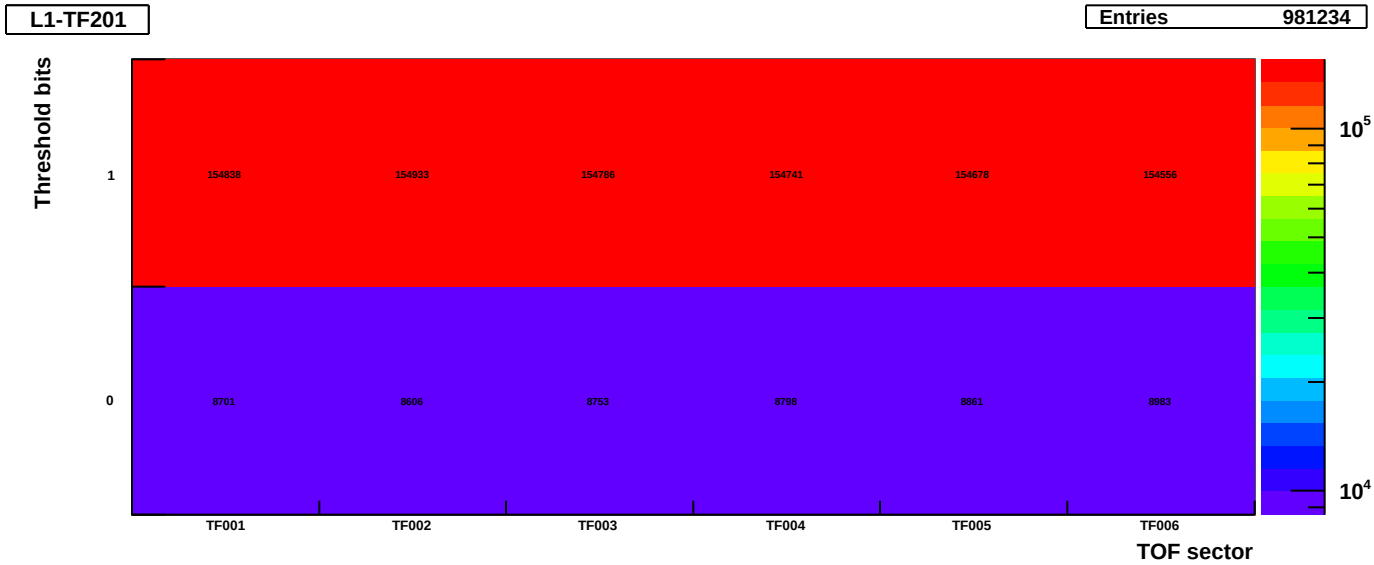

MIX-TF004
Entries 6868638
TOF MULT
TOF tray

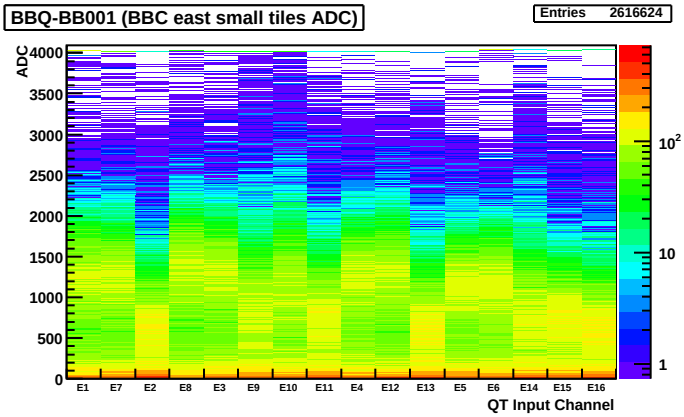

MIX-TF005
Entries 6868638
TOF MULT
TOF tray

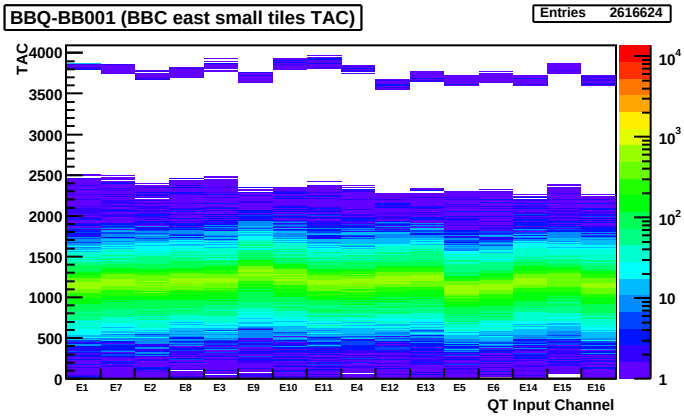

MIX-TF006
Entries 6868638
TOF MULT
TOF tray

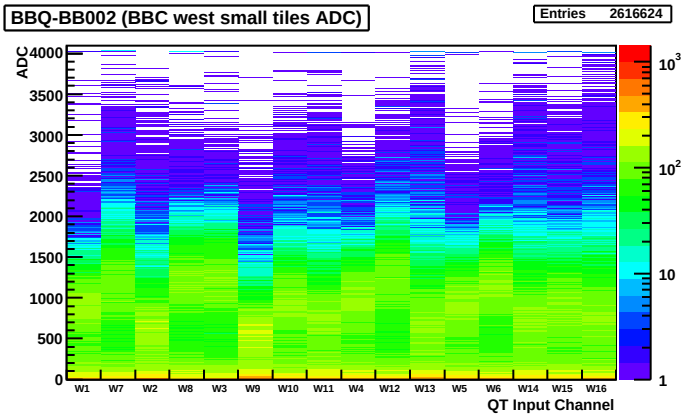

MIX-TF101
Entries 981234
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

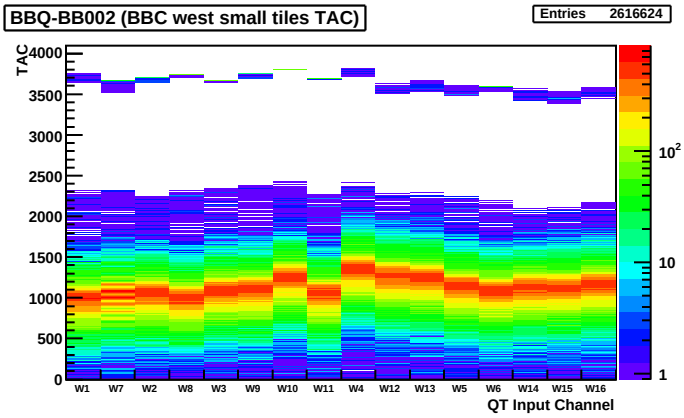

L1-TF201
Entries 163539
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

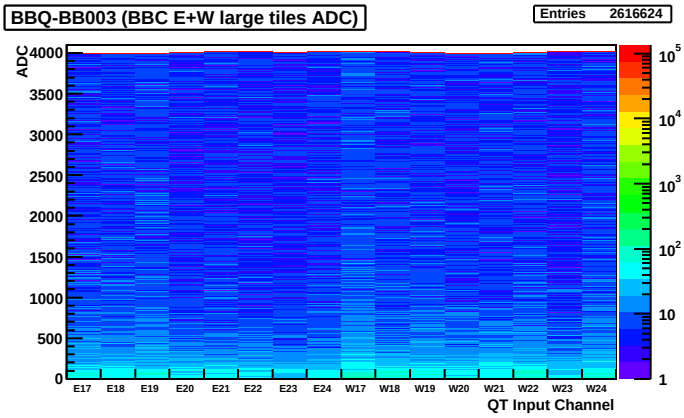

L1-TF201
Entries 981234
Threshold bits
1
0
154838
154933
154786
154741
154678
154556
8701
8806
8753
8798
8861
8983
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^5
10^4

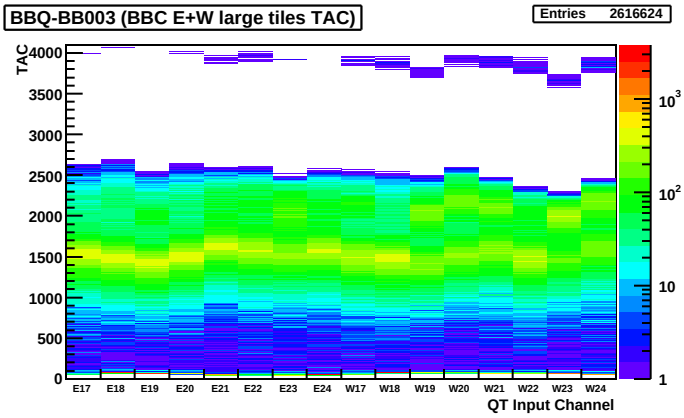

BBQ-BB001 (BBC east small tiles ADC)
Entries 2616624
ADC
QT Input Channel

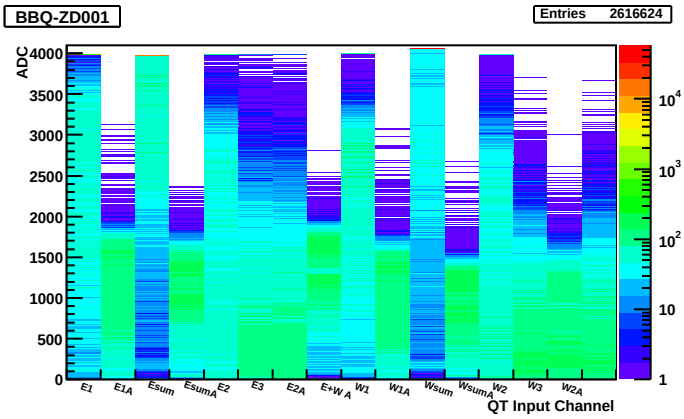

BBQ-BB001 (BBC east small tiles TAC)
Entries 2616624
TAC
QT Input Channel

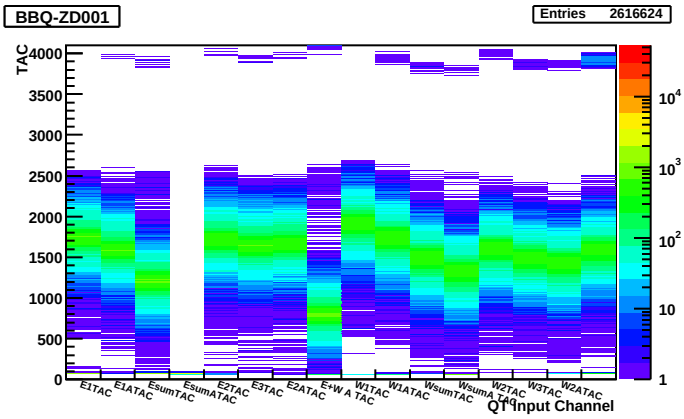

BBQ-BB002 (BBC west small tiles ADC)
Entries 2616624
ADC
QT Input Channel

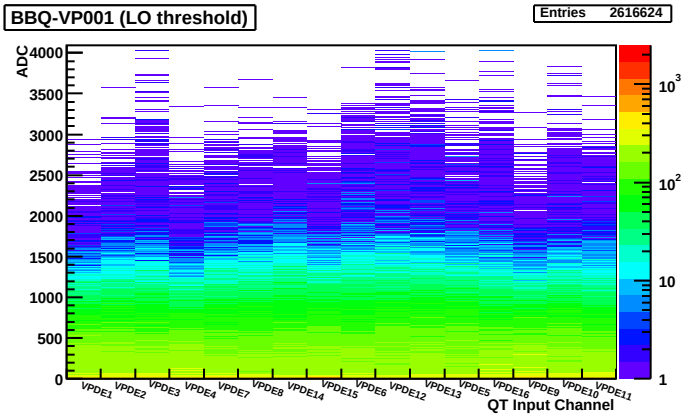

BBQ-BB002 (BBC west small tiles TAC)
Entries 2616624
TAC
QT Input Channel

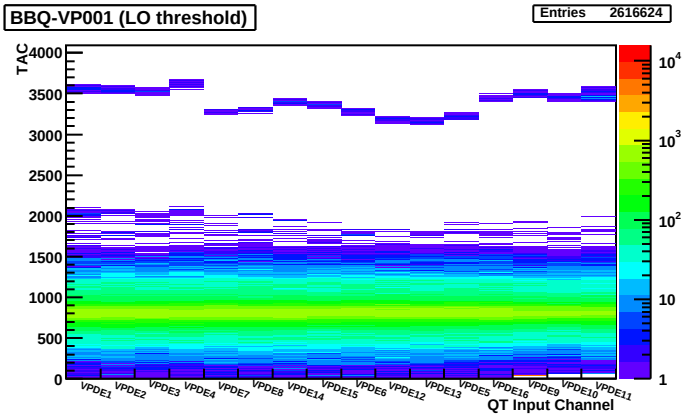

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2616624
ADC
QT Input Channel

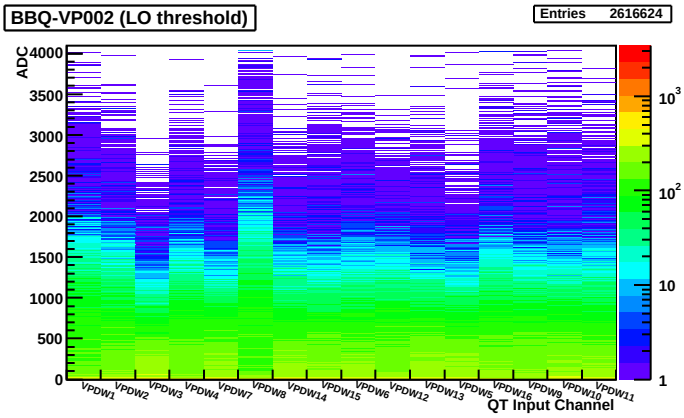

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2616624
TAC
QT Input Channel

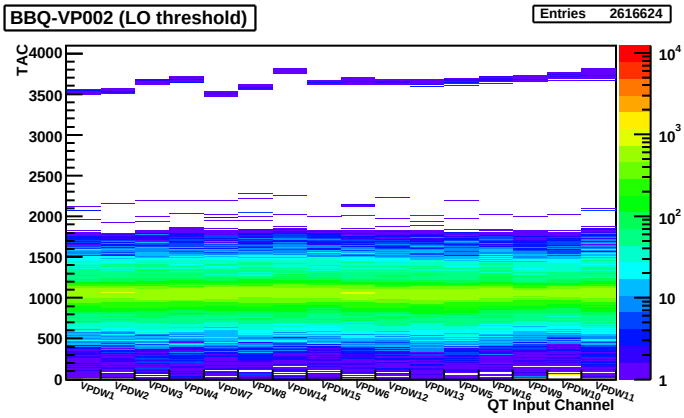

BBQ-ZD001
Entries 2616624
ADC
QT Input Channel

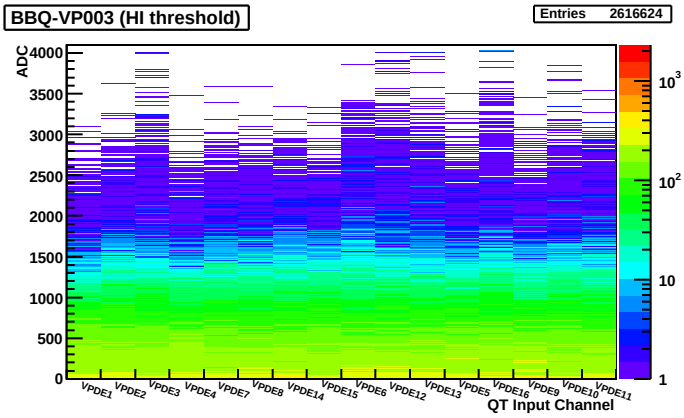

BBQ-ZD001
Entries 2616624
TAC
QT Input Channel

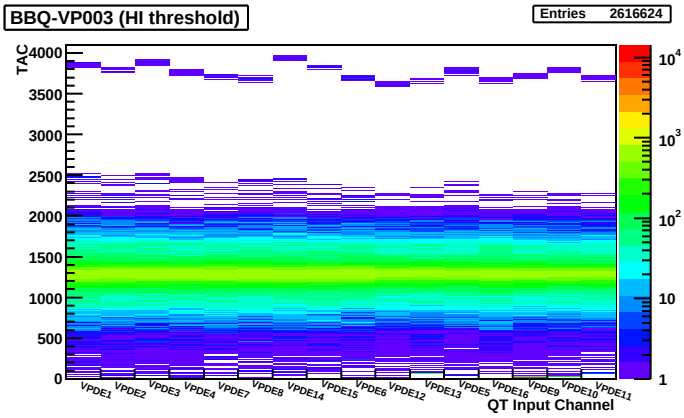

BBQ-VP001 (LO threshold)
Entries 2616624
ADC
QT Input Channel

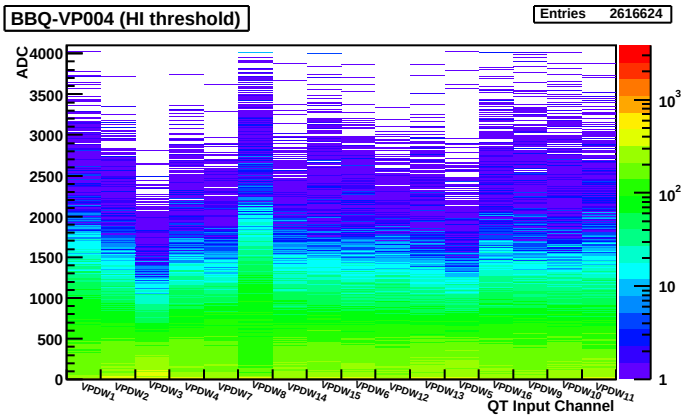

BBQ-VP001 (LO threshold)
Entries 2616624
TAC
QT Input Channel

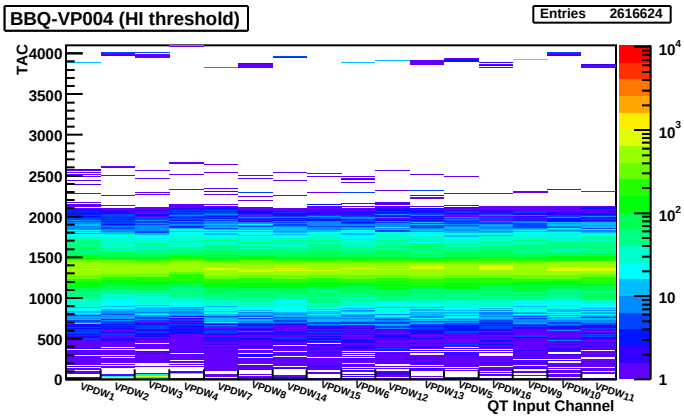

BBQ-VP002 (LO threshold)
Entries 2616624
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 2616624
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 2616624
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 2616624
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 2616624
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 2616624
TAC
QT Input Channel