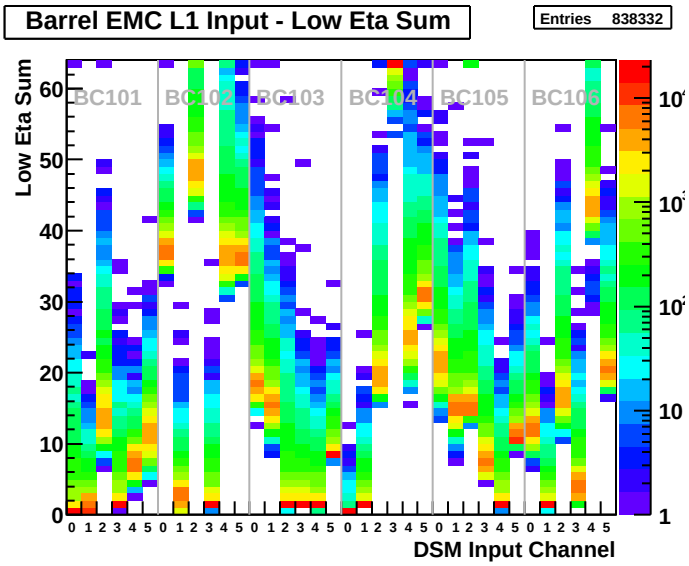
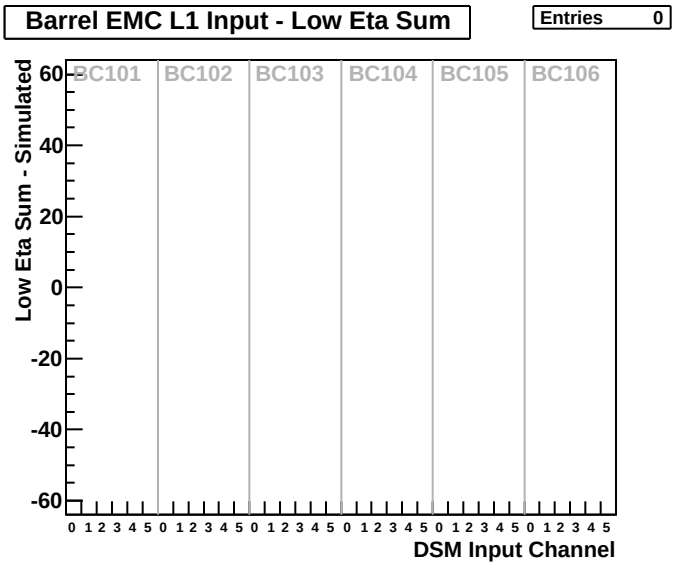
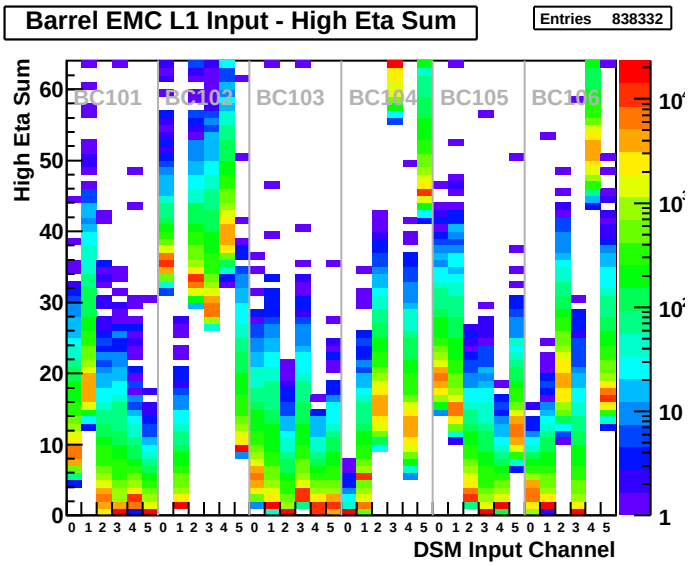
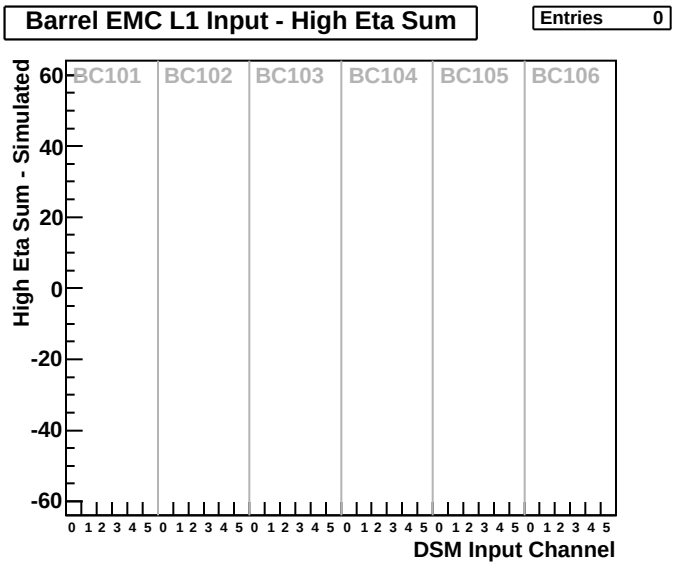
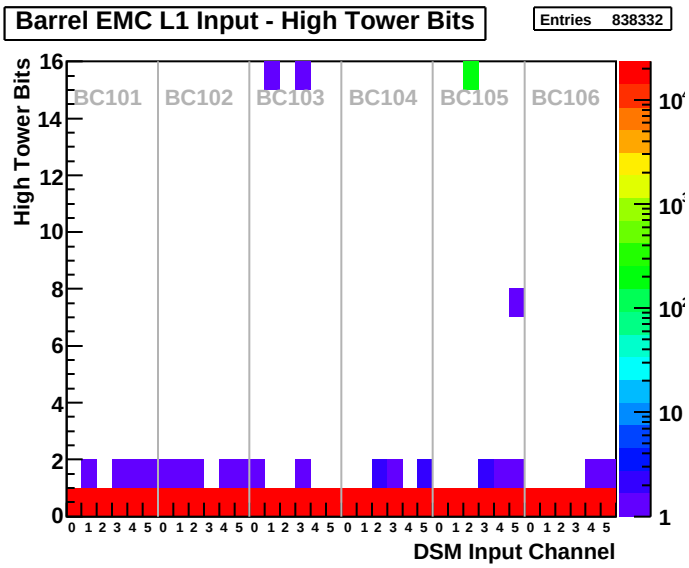
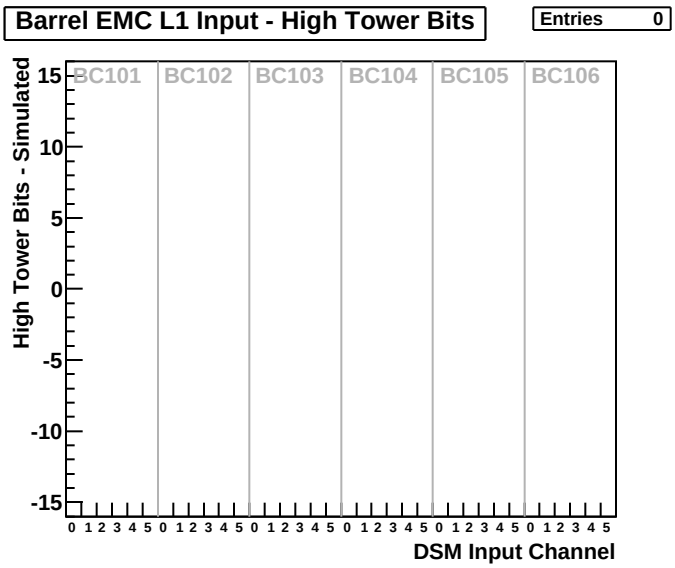

Barrel EMC L1 Input - Low Eta Sum
Entries 838332
Low Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

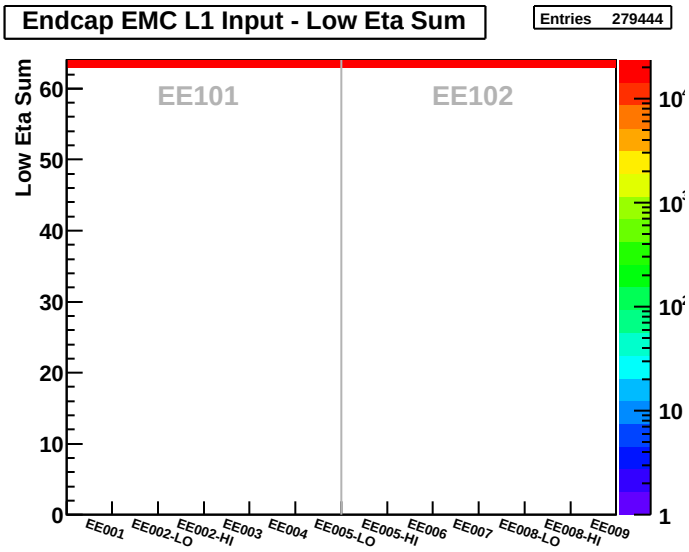

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

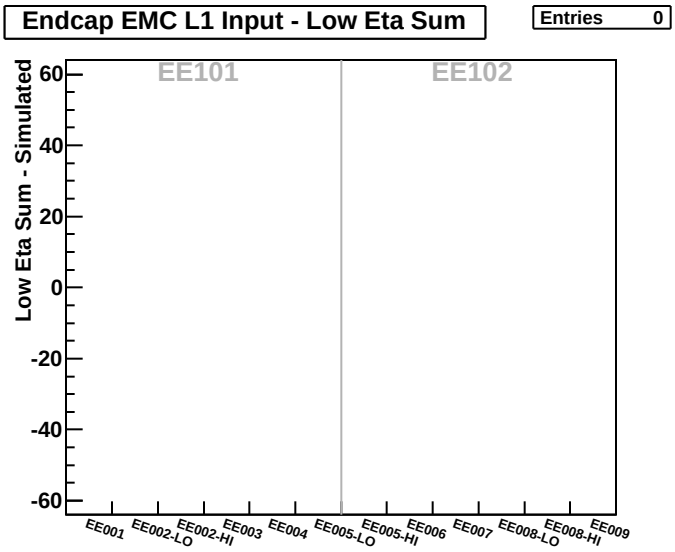

Barrel EMC L1 Input - High Eta Sum
Entries 838332
High Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

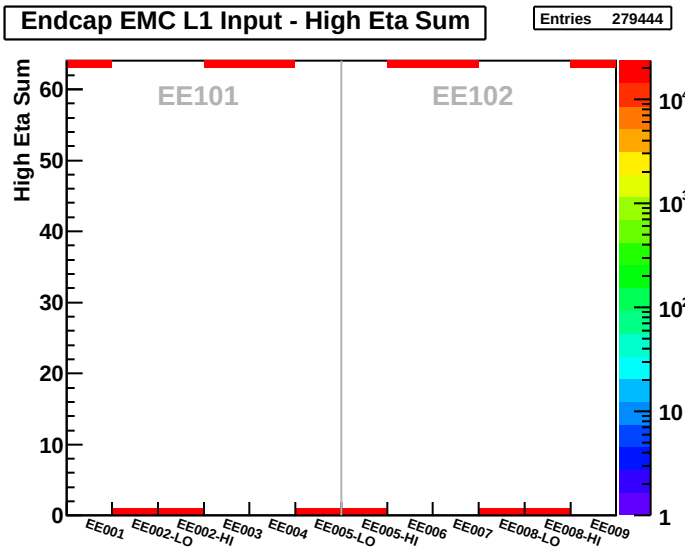

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

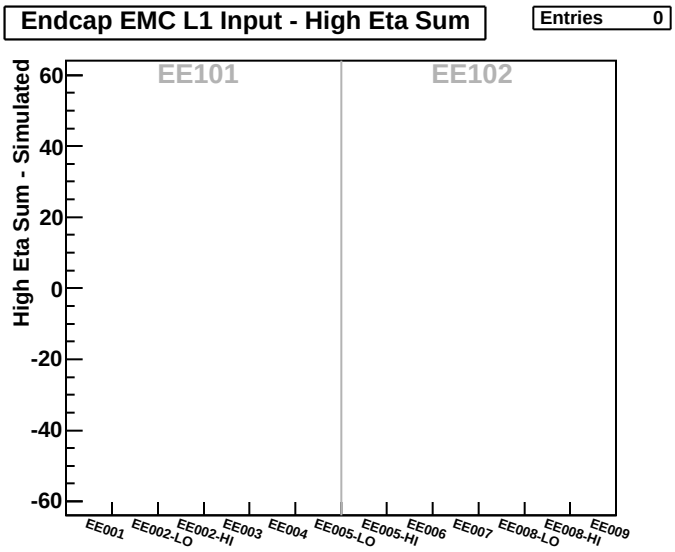

Barrel EMC L1 Input - High Tower Bits
Entries 838332
High Tower Bits
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

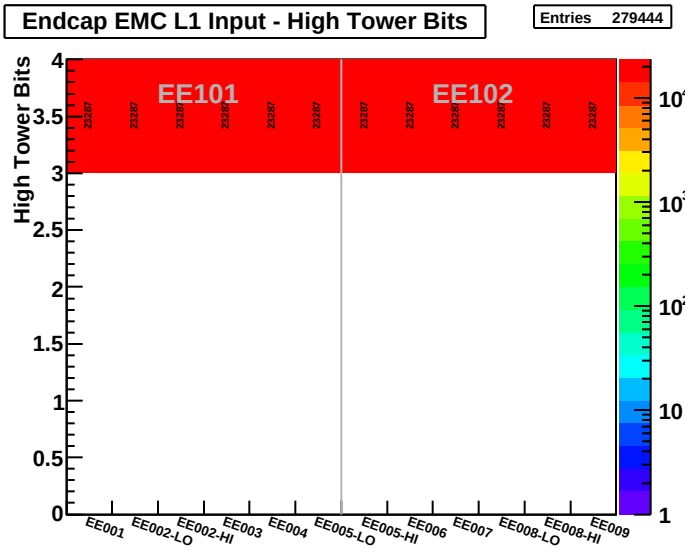

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

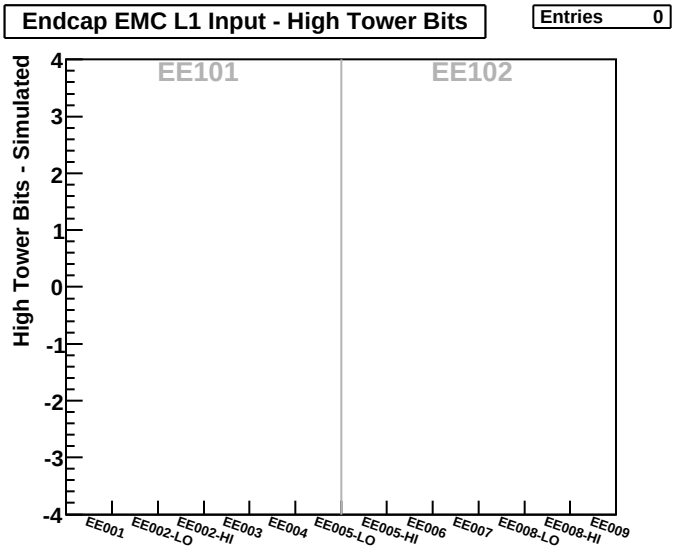

Endcap EMC L1 Input - Low Eta Sum
Entries 279444
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

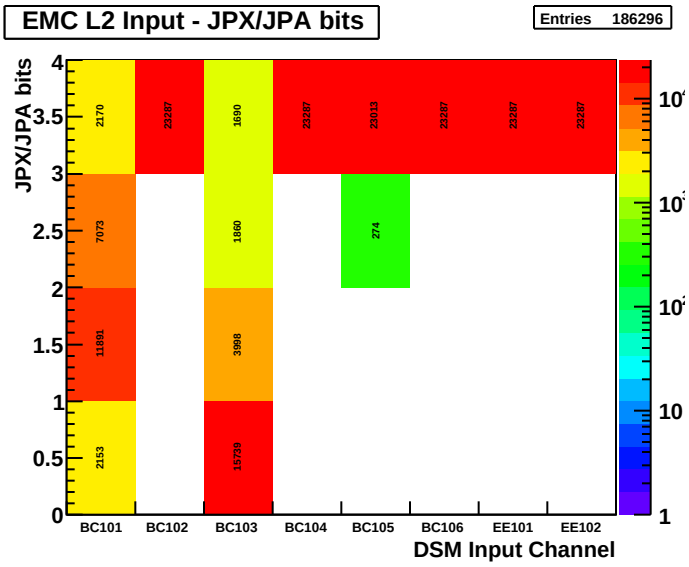

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

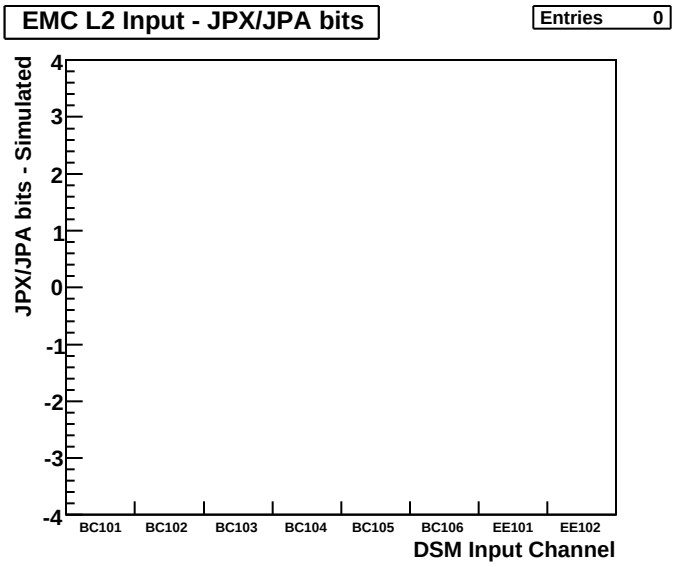

Endcap EMC L1 Input - High Eta Sum
Entries 279444
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

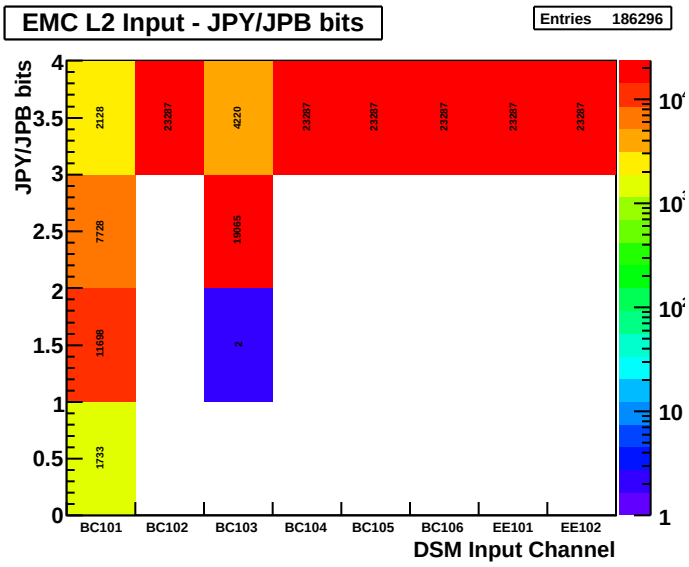

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

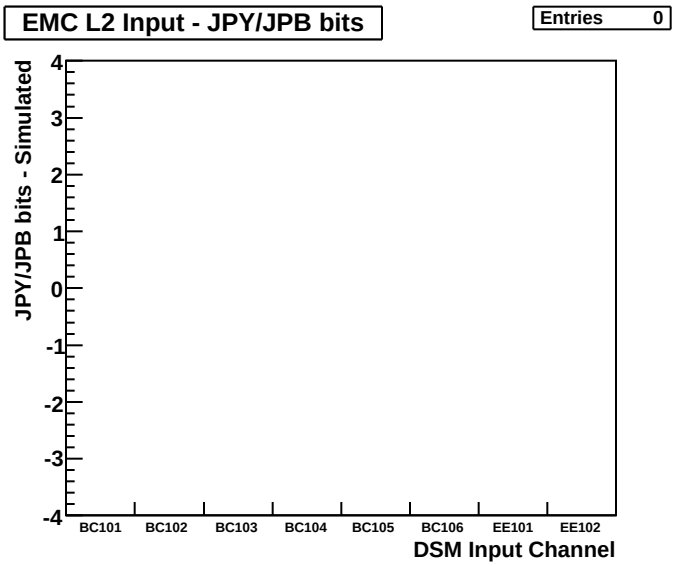

Endcap EMC L1 Input - High Tower Bits
Entries 279444
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

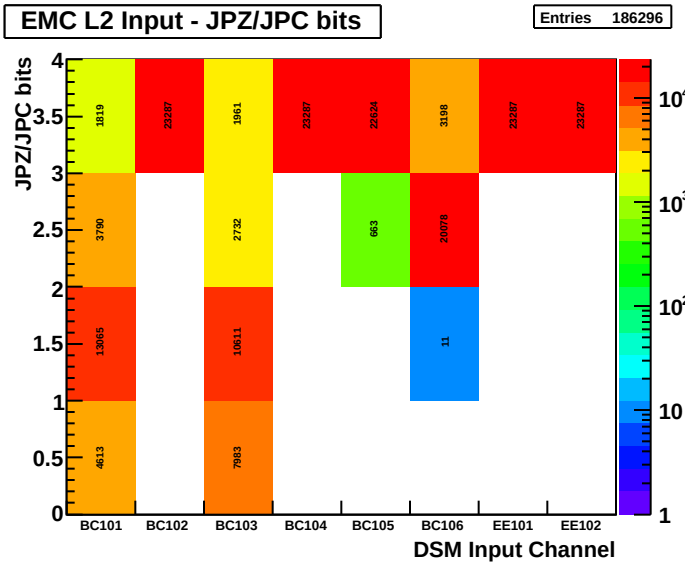

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

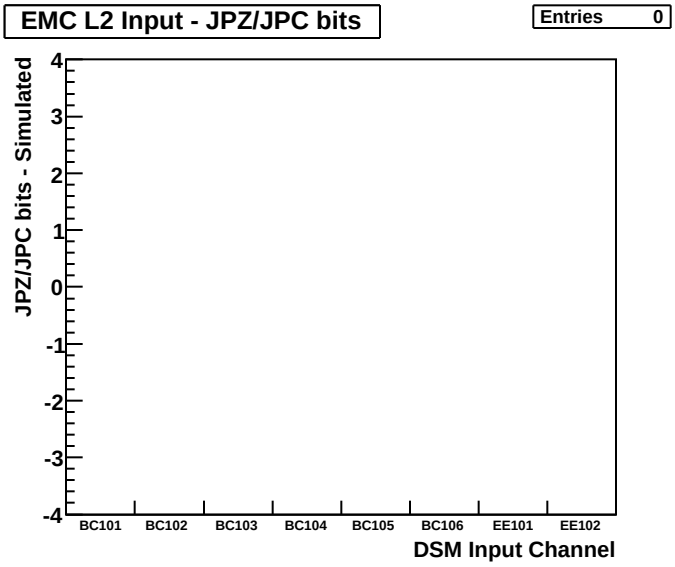

EMC L2 Input - JPX/JPA bits
Entries 186296
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2170 23287 1690 23287 23013 23287 23287 23287
7073 1860 274
11691 3998
2153 15739

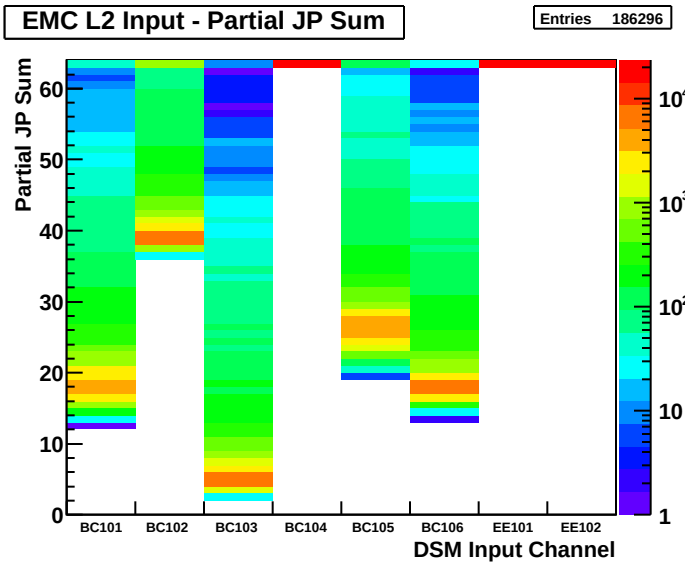

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

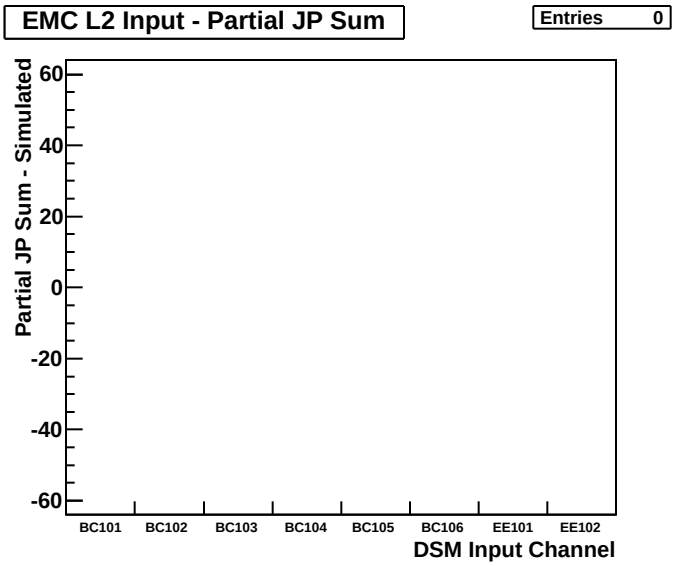

EMC L2 Input - JPY/JPB bits
Entries 186296
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2128 23287 4220 23287 23287 23287 23287 23287
7728 19065
11698 2
1733

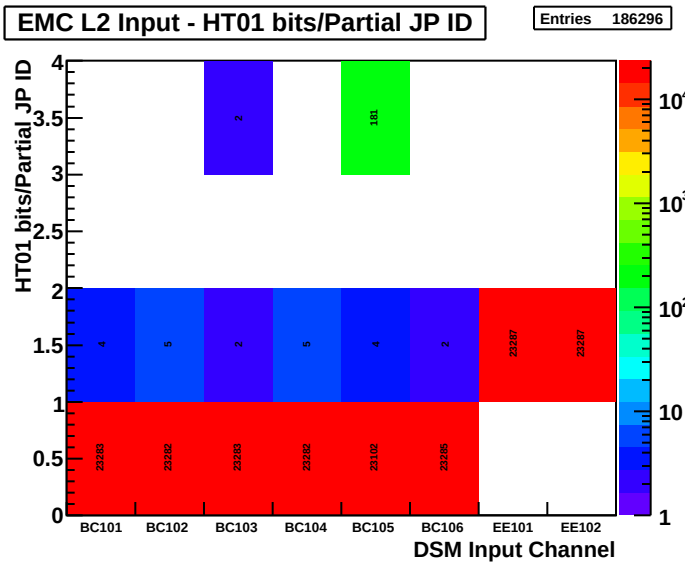

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

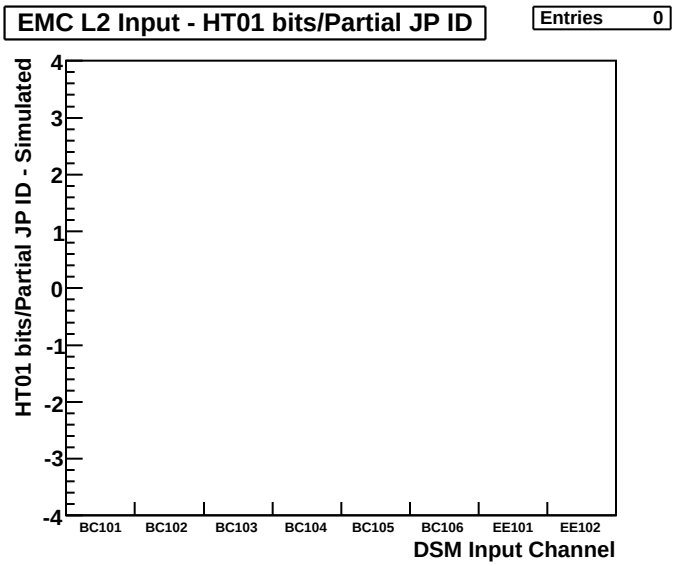

EMC L2 Input - JPZ/JPC bits
Entries 186296
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
1819 23287 1961 23287 22624 3198 23287 23287
3790 2732 663 20078
13065 10611 11
4613 7983

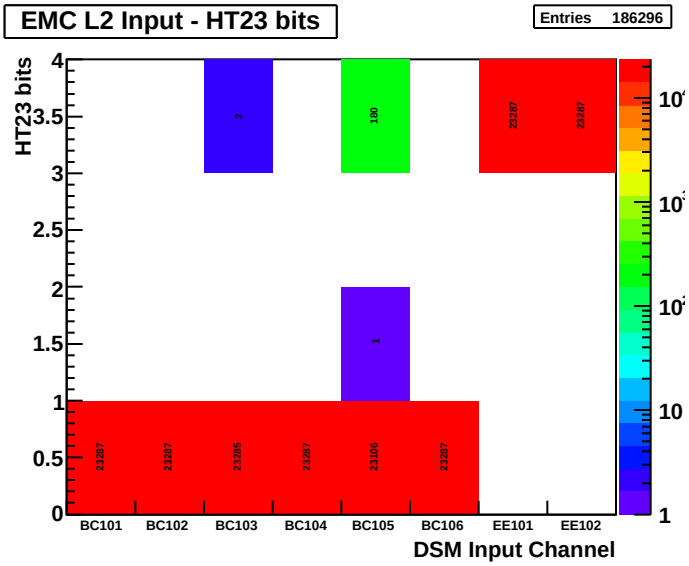

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

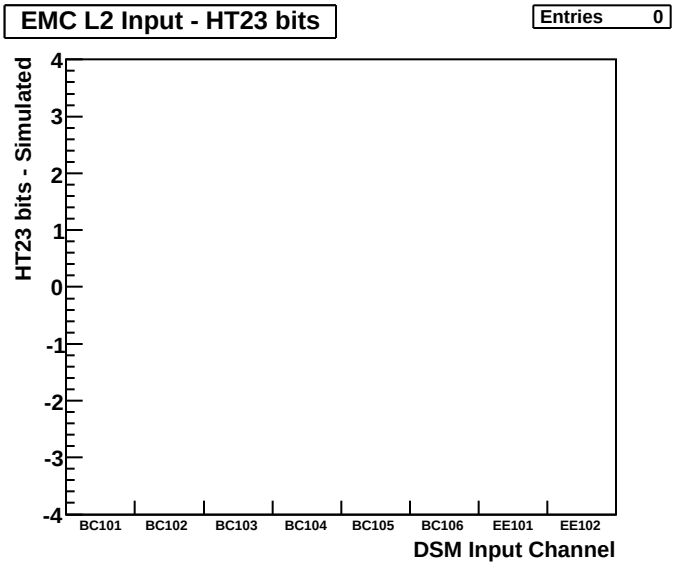

EMC L2 Input - Partial JP Sum
Entries 186296
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

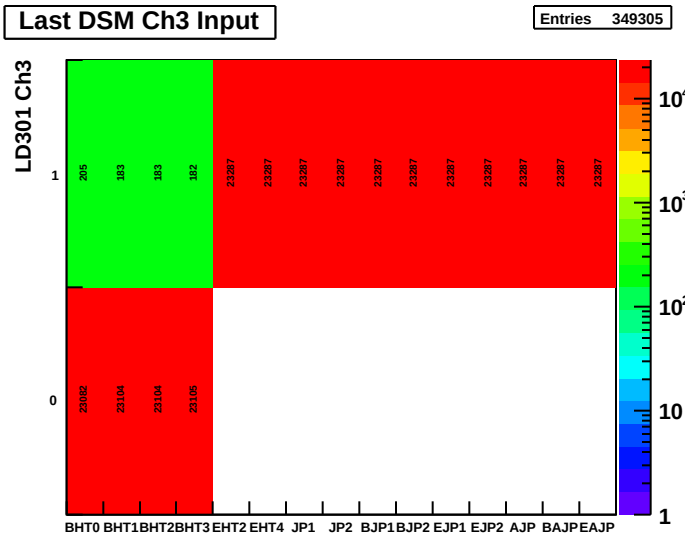

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

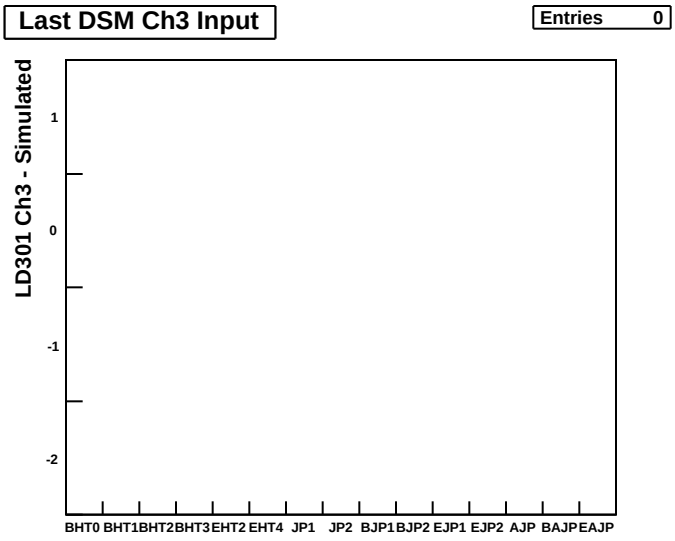

EMC L2 Input - HT01 bits/Partial JP ID
Entries 186296
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

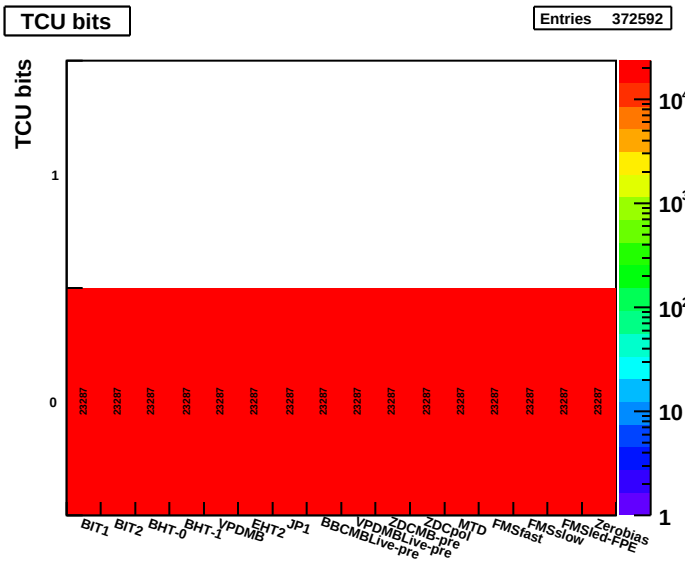

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

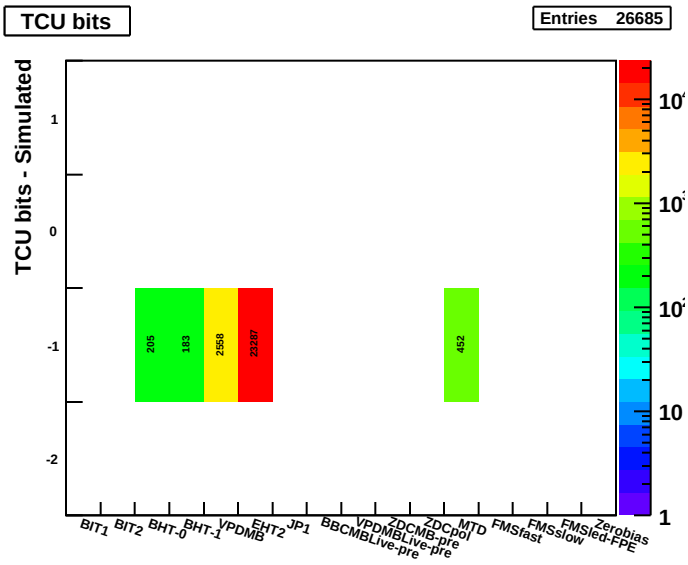

EMC L2 Input - HT23 bits
Entries 186296
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

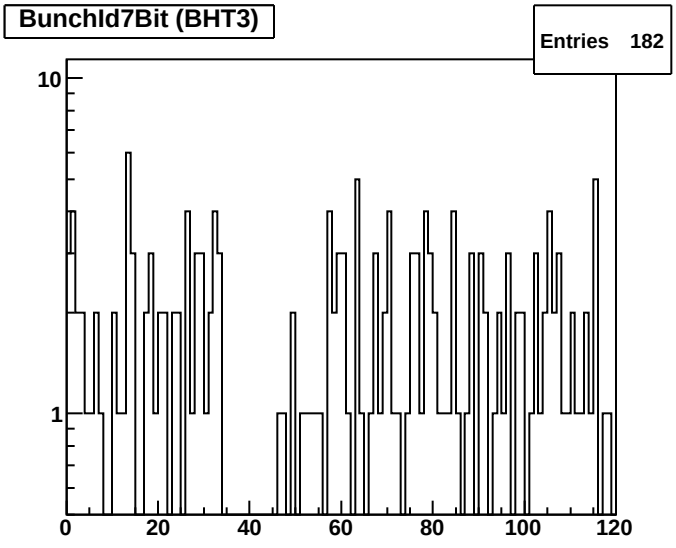

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

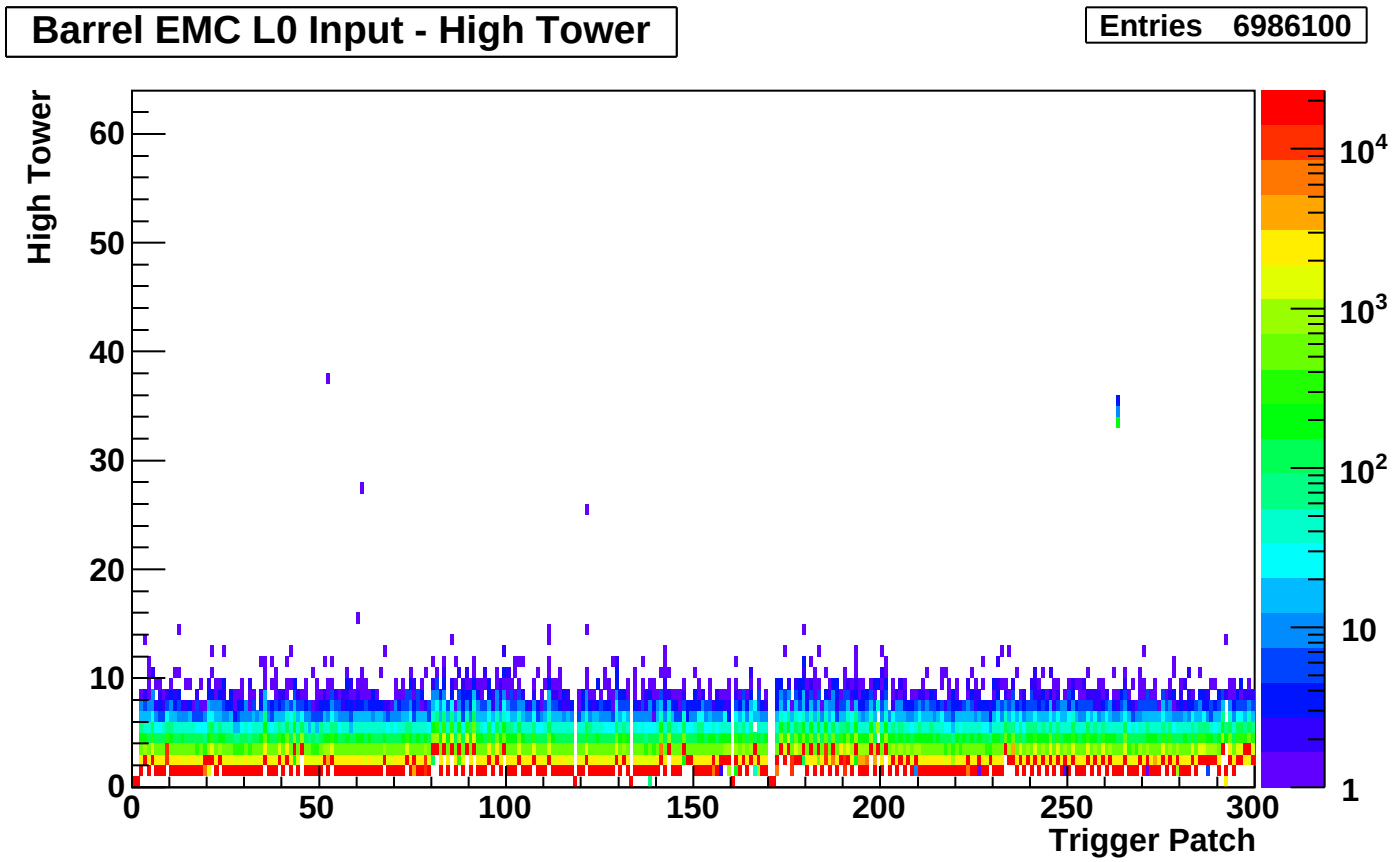

Last DSM Ch3 Input
Entries 349305
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

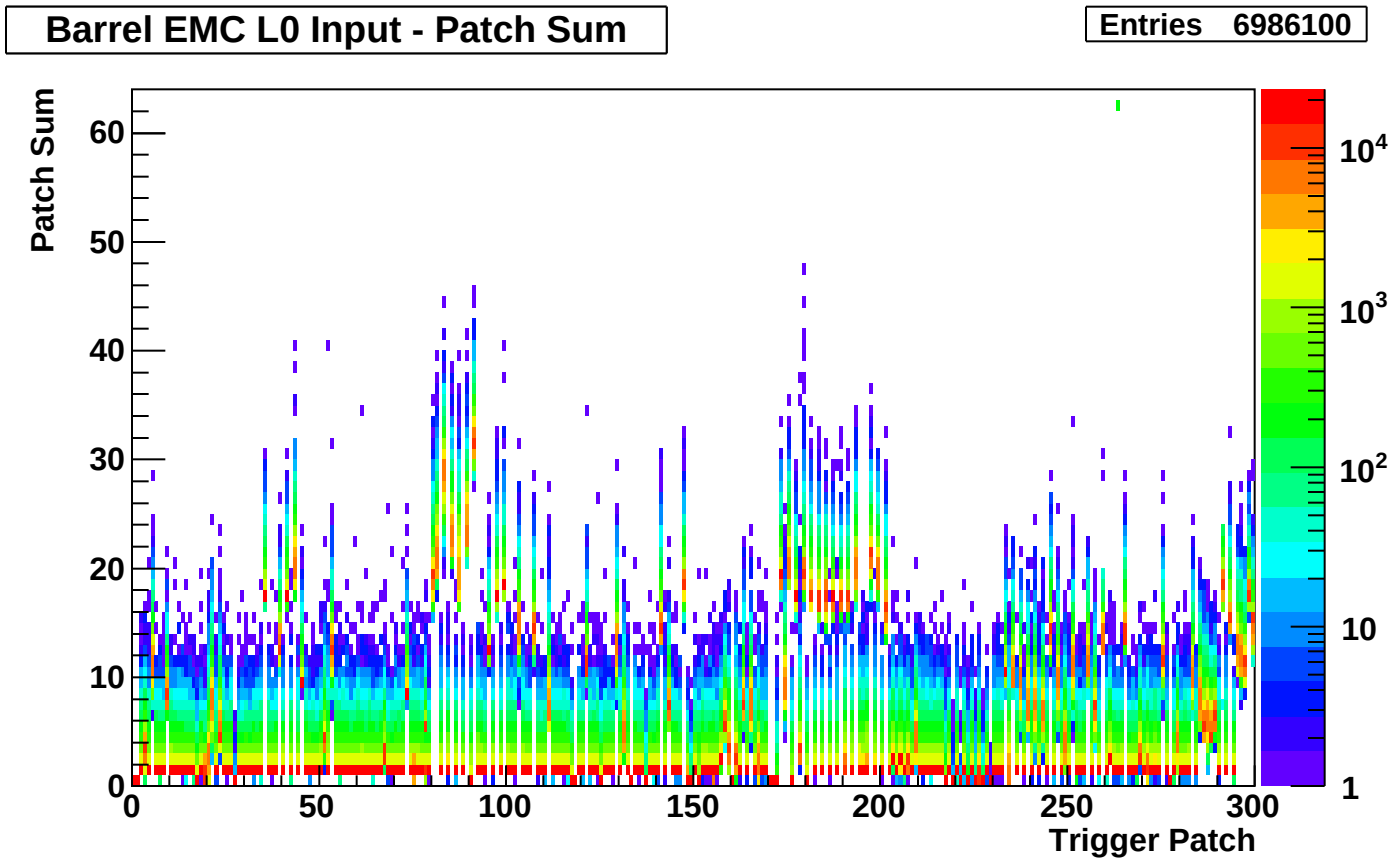

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

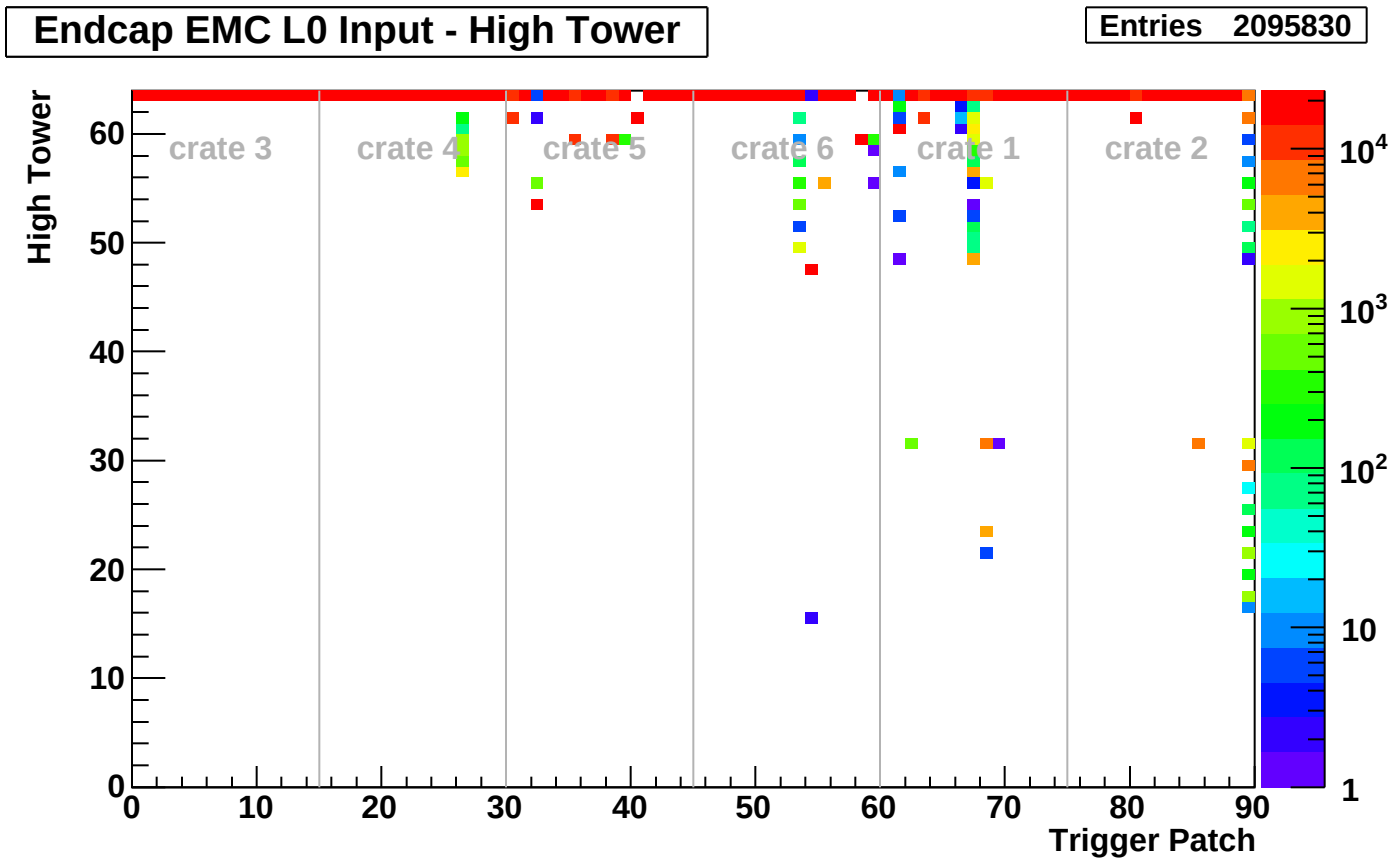

TCU bits
Entries 372592
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

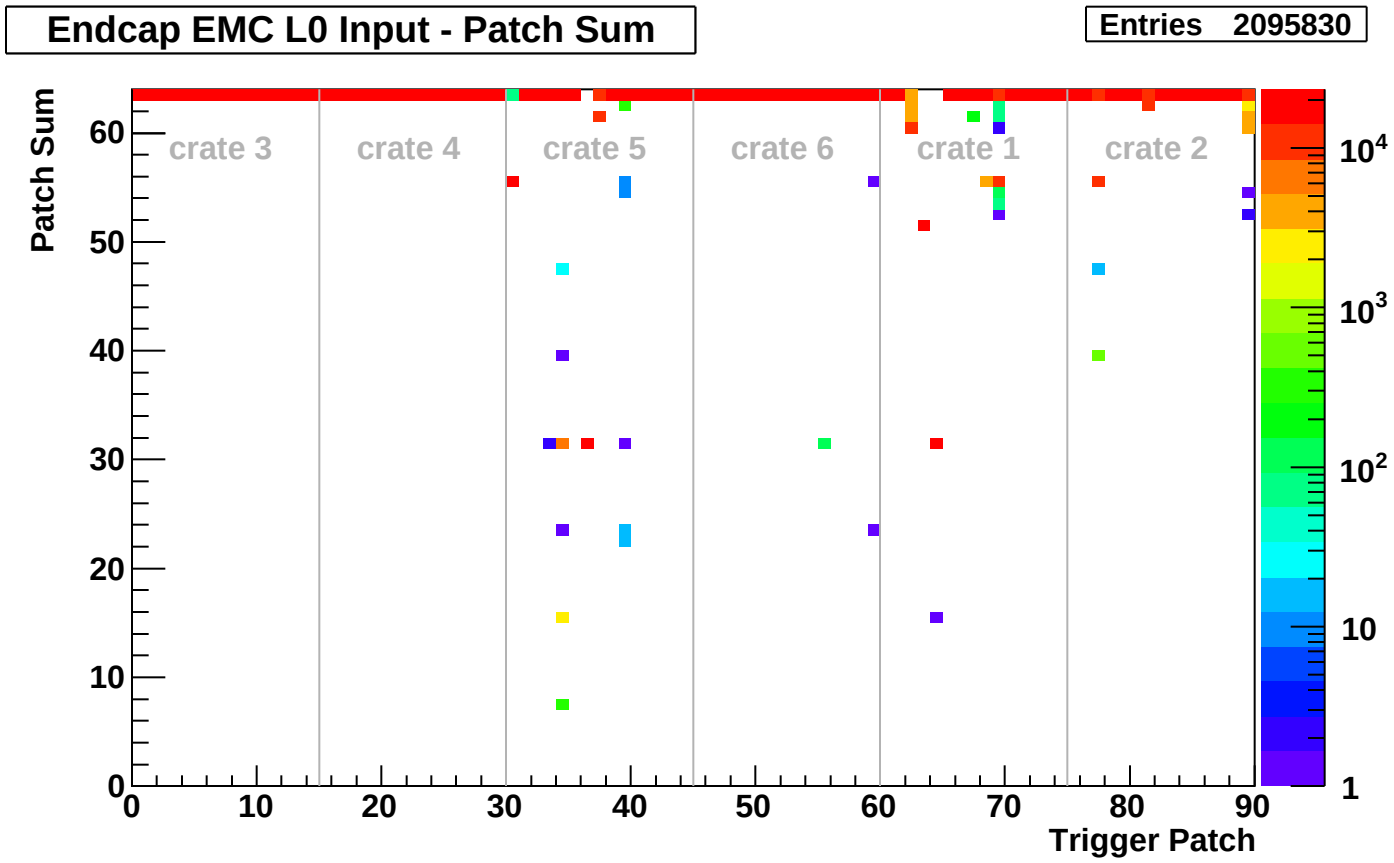

TCU bits
Entries 26685
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

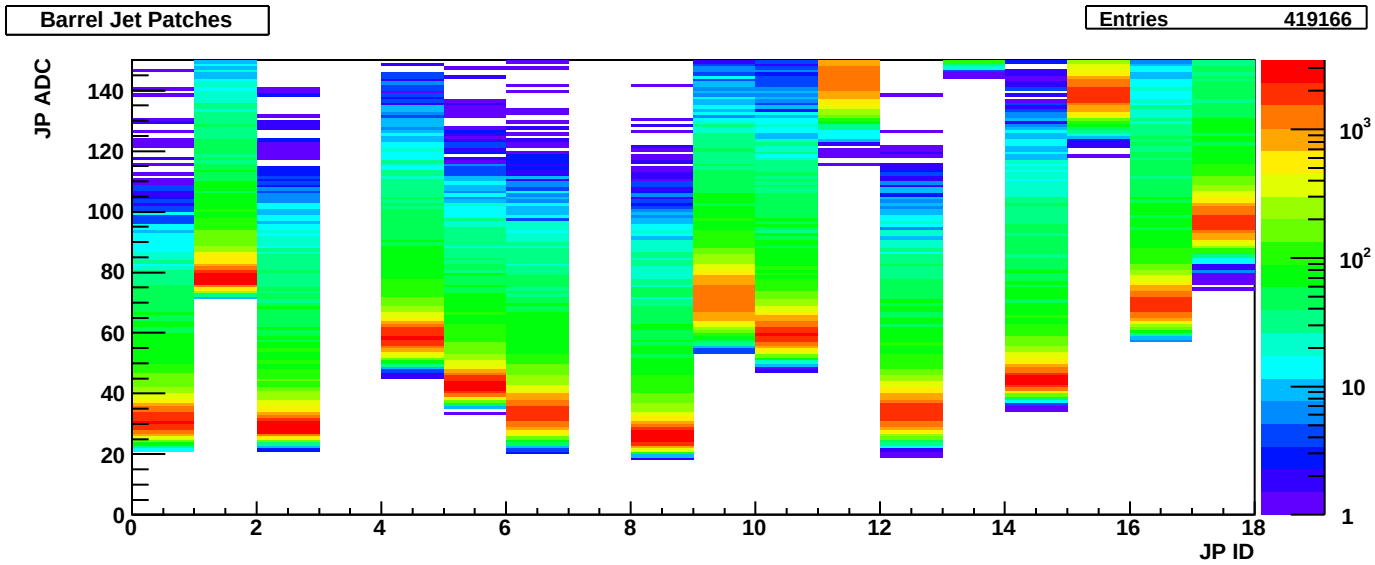

BunchId7Bit (BHT3)
Entries 182

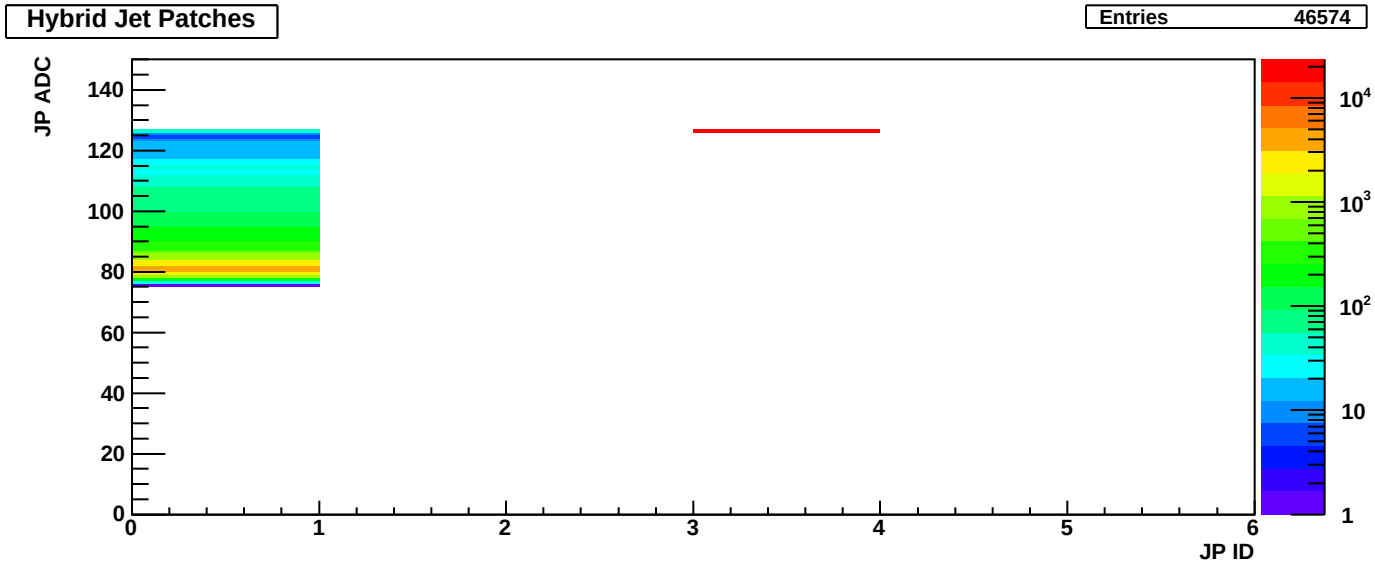

Barrel EMC L0 Input - High Tower
Entries 6986100
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

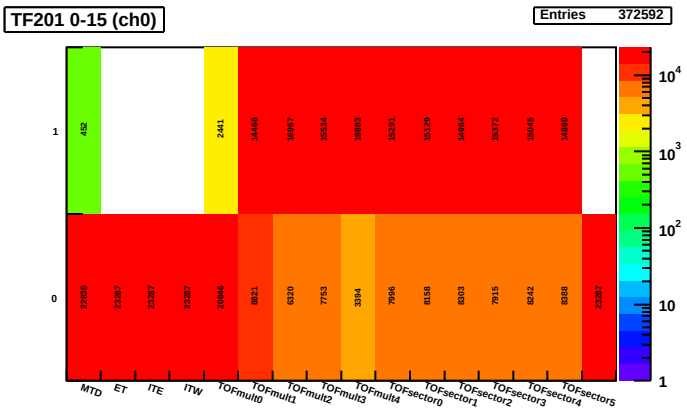

Barrel EMC L0 Input - Patch Sum
Entries 6986100
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

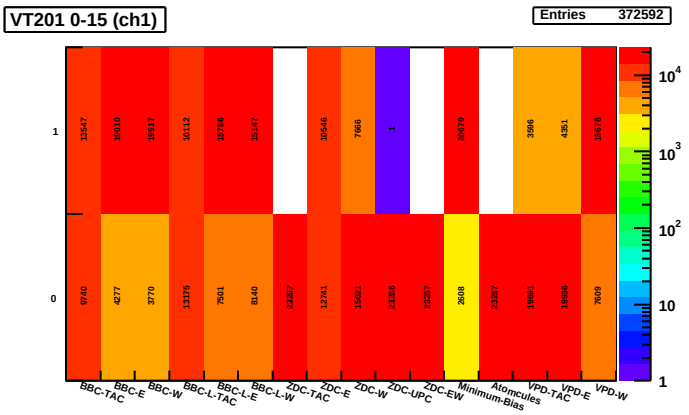

Endcap EMC L0 Input - High Tower
Entries 2095830
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

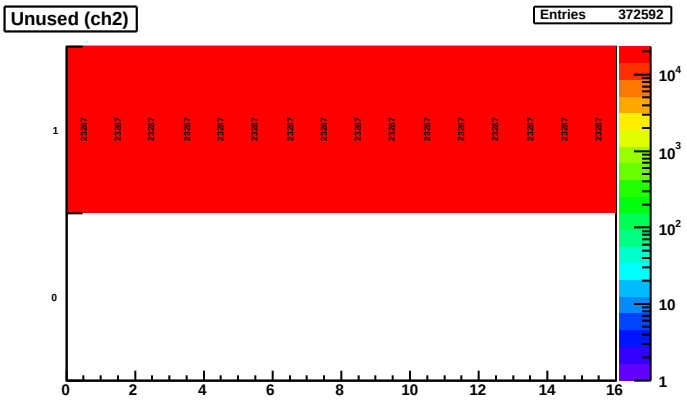

Endcap EMC L0 Input - Patch Sum
Entries 2095830
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

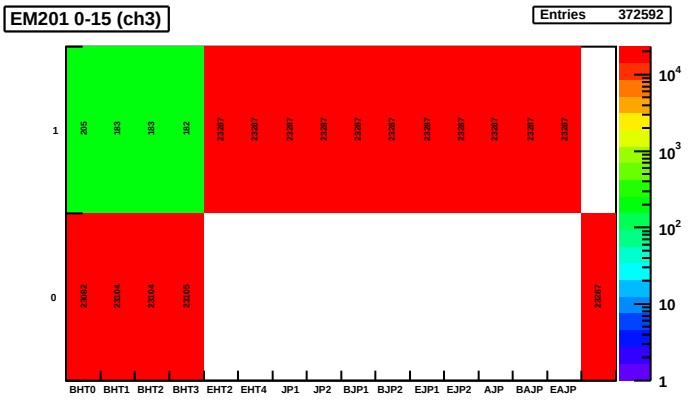

Barrel Jet Patches
Entries 419166
JP ADC
JP ID

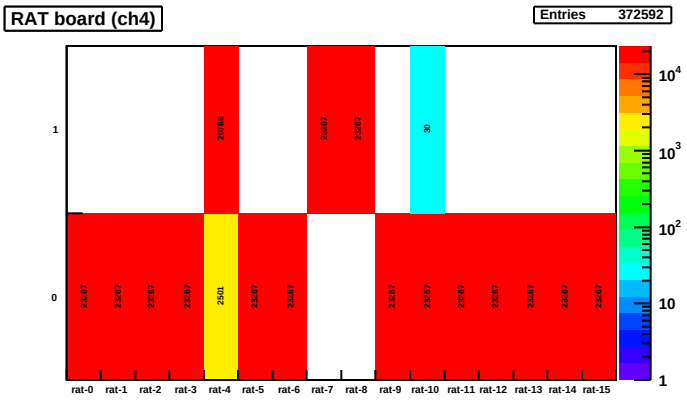

Hybrid Jet Patches
Entries 46574
JP ADC
JP ID

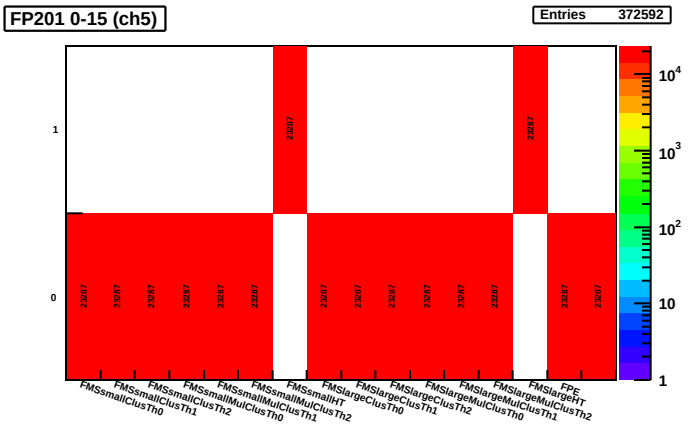

TF201 0-15 (ch0)
Entries 372592
MTD ET ITE ITW TOFmult0 TOFmult1 TOFmult2 TOFmult3 TOFmult4 TOFsector0 TOFsector1 TOFsector2 TOFsector3 TOFsector4 TOFsector5

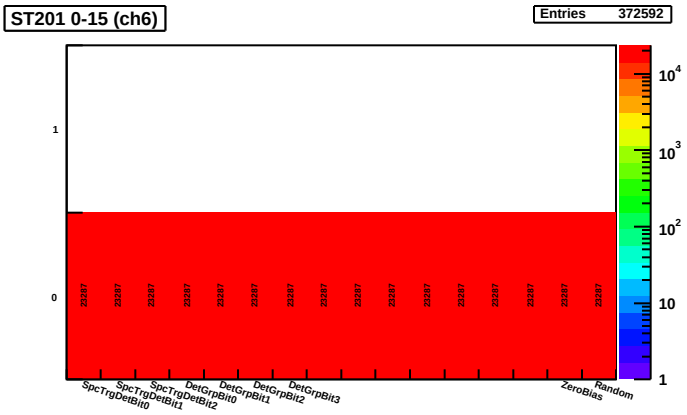

VT201 0-15 (ch1)
Entries 372592
BBC-TAC BBC-E BBC-W BBC-L-TAC BBC-L-E BBC-L-W ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW Minimum-Bias Atomcules VPD-TAC VPD-E VPD-W

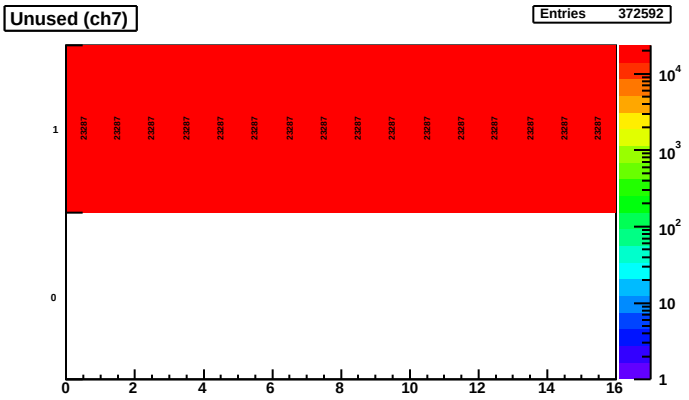

Unused (ch2)
Entries 372592

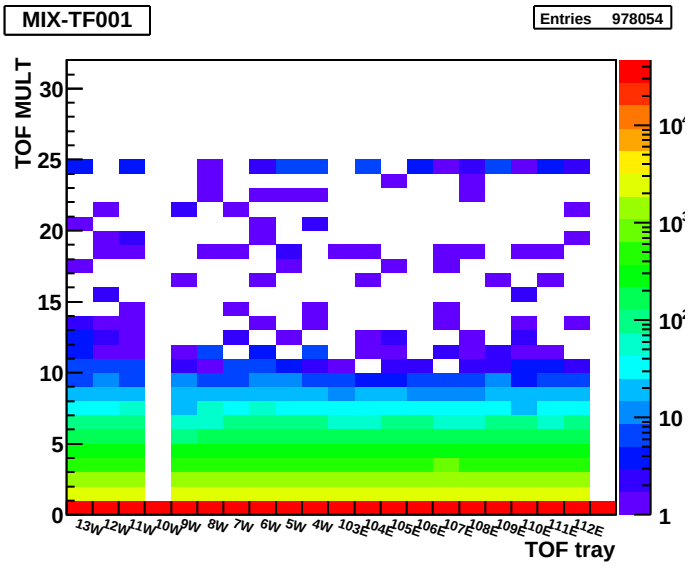

EM201 0-15 (ch3)
Entries 372592
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

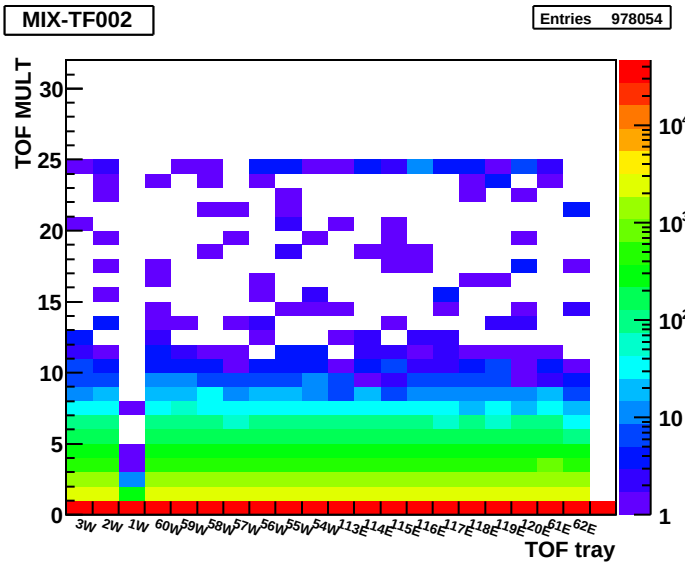

RAT board (ch4)
Entries 372592
rat-0 rat-1 rat-2 rat-3 rat-4 rat-5 rat-6 rat-7 rat-8 rat-9 rat-10 rat-11 rat-12 rat-13 rat-14 rat-15

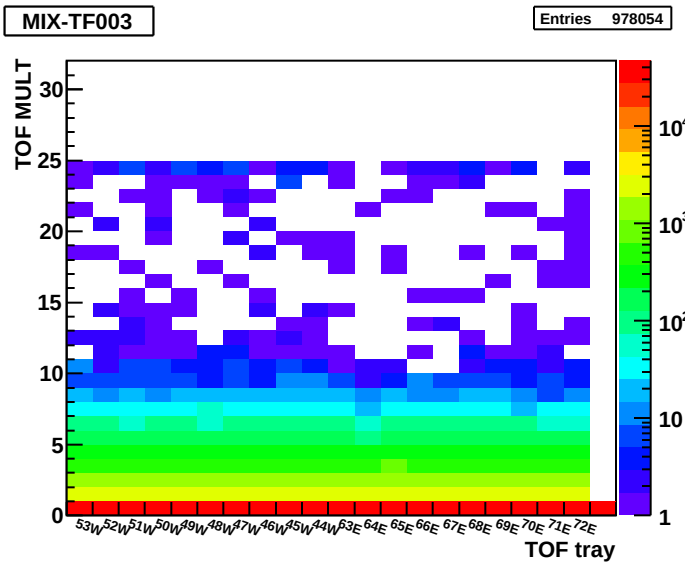

FP201 0-15 (ch5)
Entries 372592
FMSsmallClusTh0 FMSsmallClusTh1 FMSsmallClusTh2 FMSsmallMulClusTh0 FMSsmallMulClusTh1 FMSsmallMulClusTh2 FMSsmallHT FMSlargeClusTh0 FMSlargeClusTh1 FMSlargeClusTh2 FMSlargeMulClusTh0 FMSlargeMulClusTh1 FMSlargeMulClusTh2 FMSlargeHT FPE

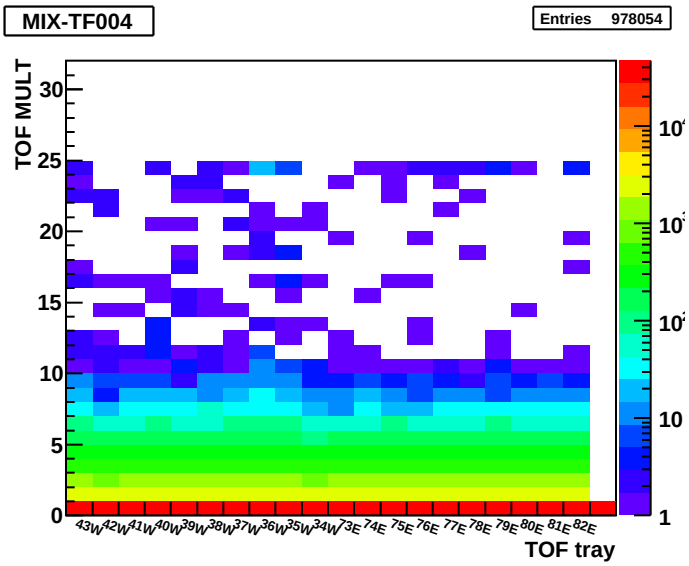

ST201 0-15 (ch6)
Entries 372592
SpcTrgDetBit0 SpcTrgDetBit1 SpcTrgDetBit2 DetCrpBit0 DetCrpBit1 DetCrpBit2 DetCrpBit3 ZeroBias Random

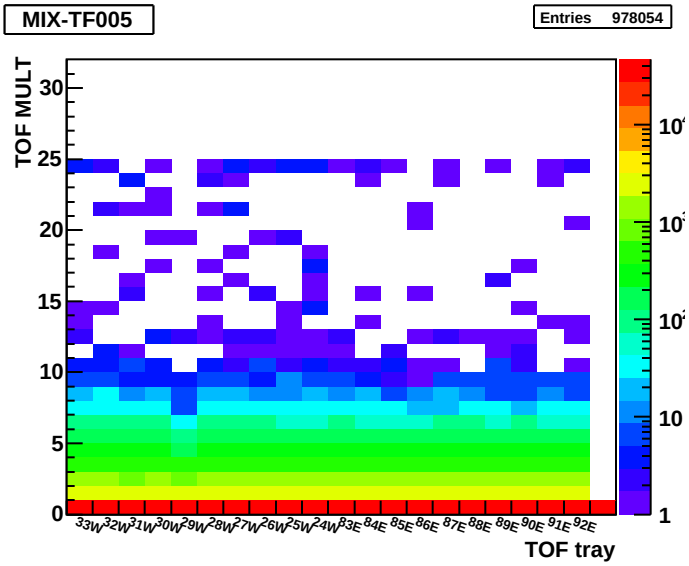

Unused (ch7)
Entries 372592

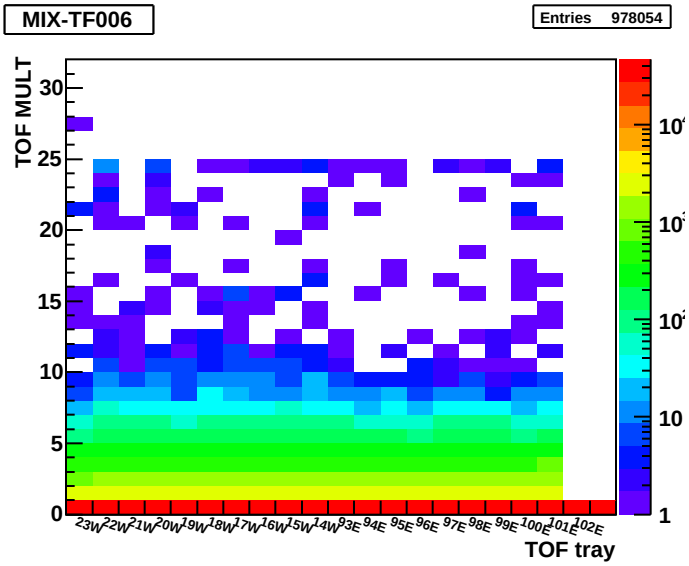

MIX-TF001
Entries 978054
TOF MULT
TOF tray

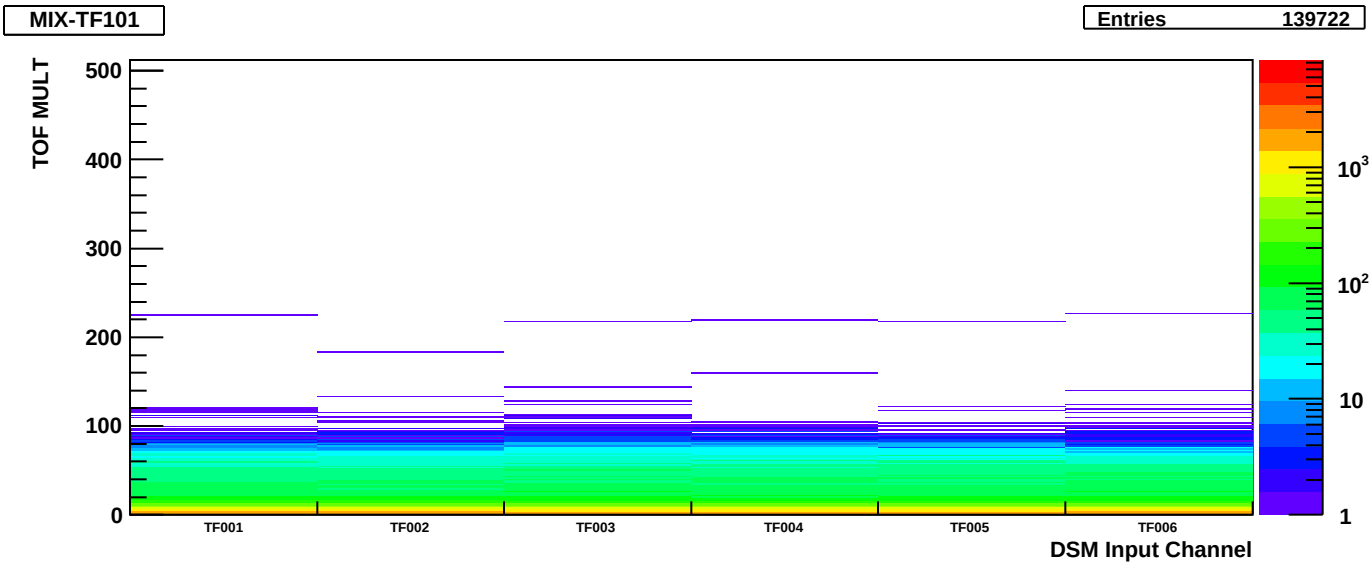

MIX-TF002
Entries 978054
TOF MULT
TOF tray

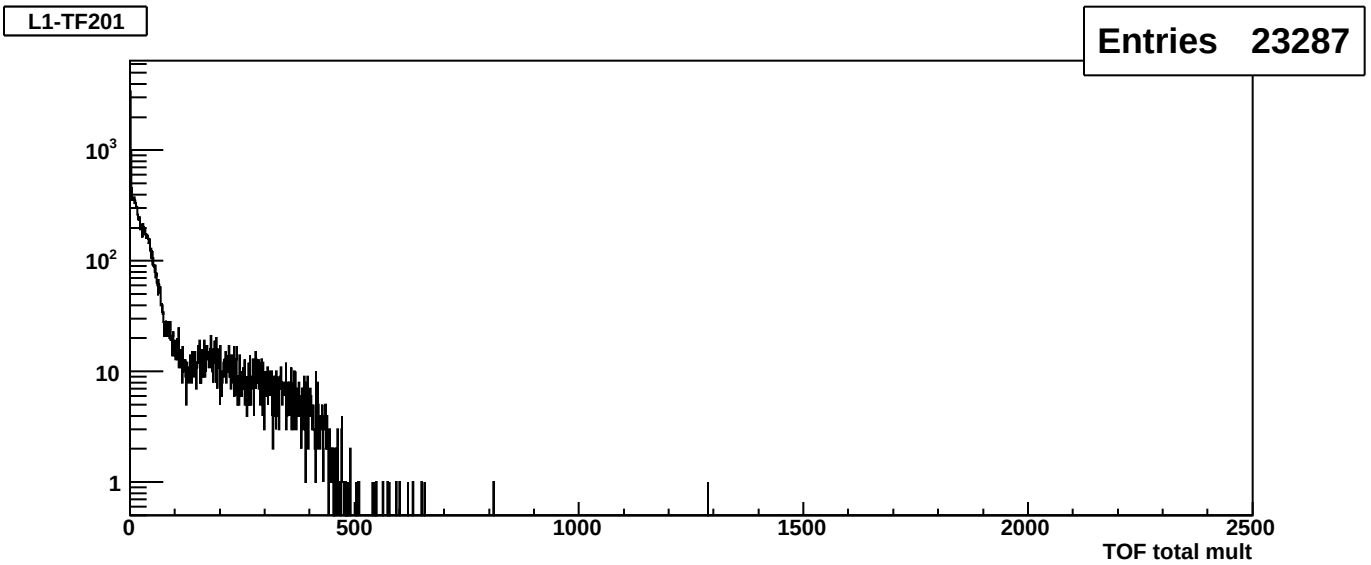

MIX-TF003
Entries 978054
TOF MULT
TOF tray

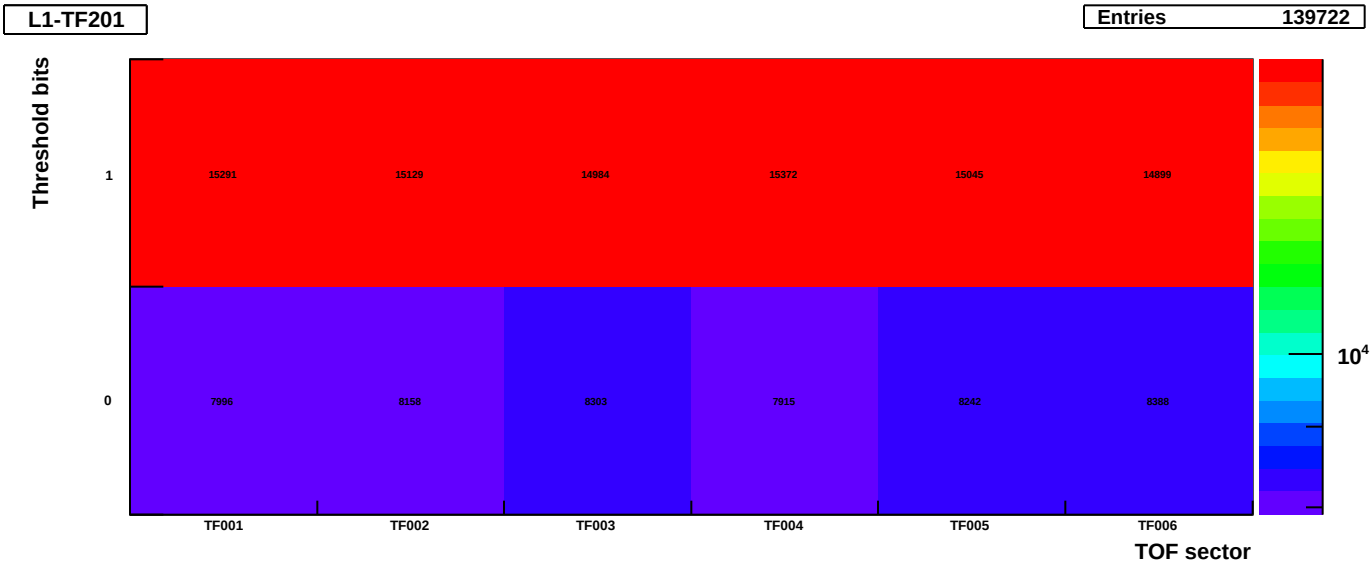

MIX-TF004
Entries 978054
TOF MULT
TOF tray

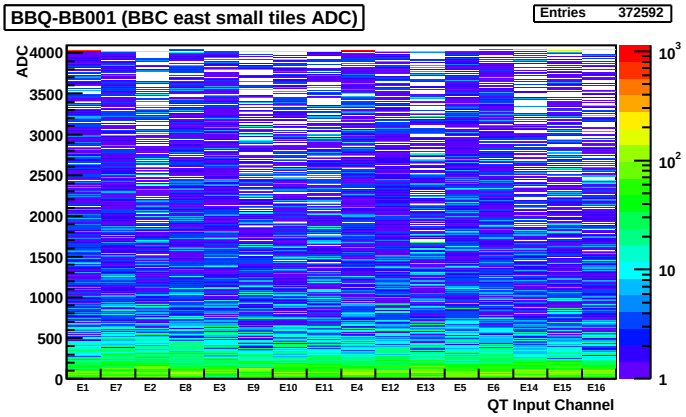

MIX-TF005
Entries 978054
TOF MULT
TOF tray

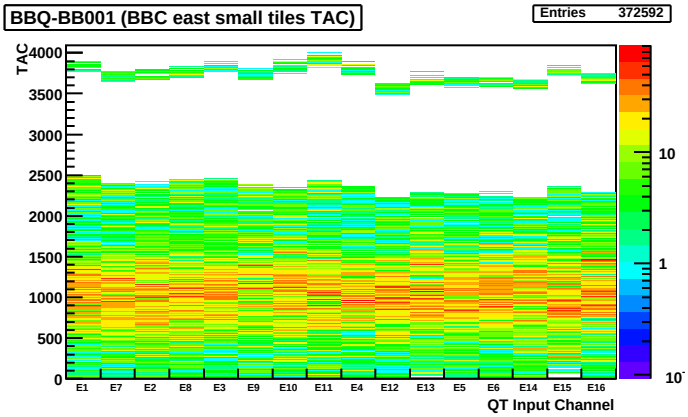

MIX-TF006
Entries 978054
TOF MULT
TOF tray

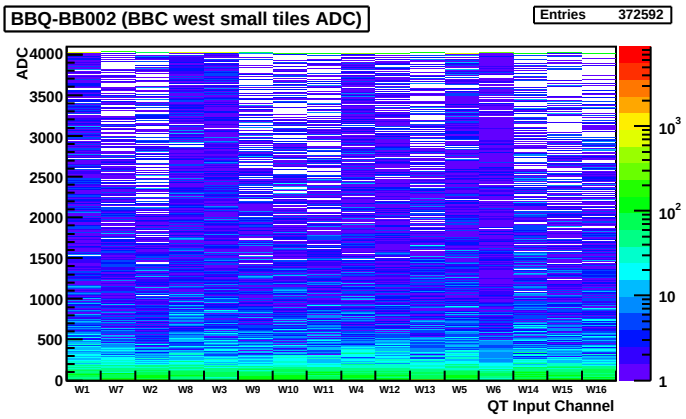

MIX-TF101
Entries 139722
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

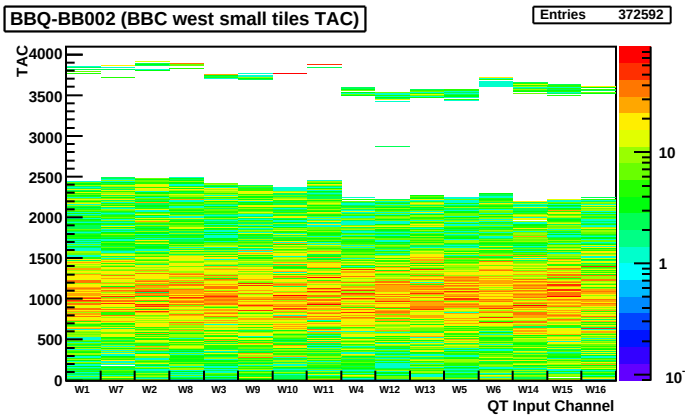

L1-TF201
Entries 23287
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

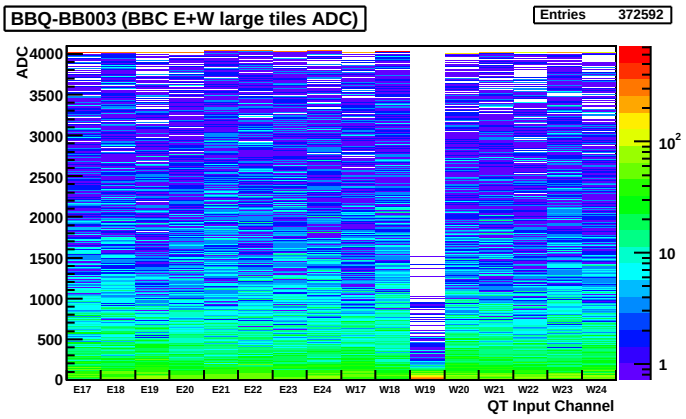

L1-TF201
Entries 139722
Threshold bits
1
0
15291
15129
14984
15372
15045
14899
7996
8158
8303
7915
8242
8388
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

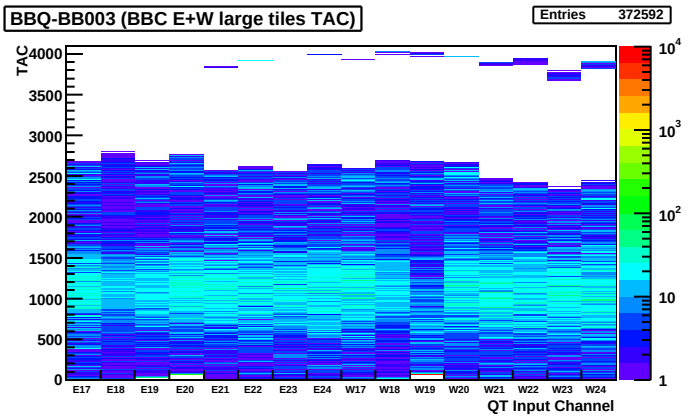

BBQ-BB001 (BBC east small tiles ADC)
Entries 372592
ADC
QT Input Channel

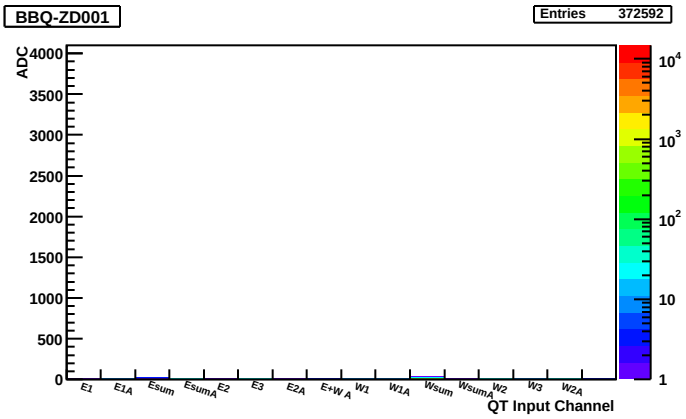

BBQ-BB001 (BBC east small tiles TAC)
Entries 372592
TAC
QT Input Channel

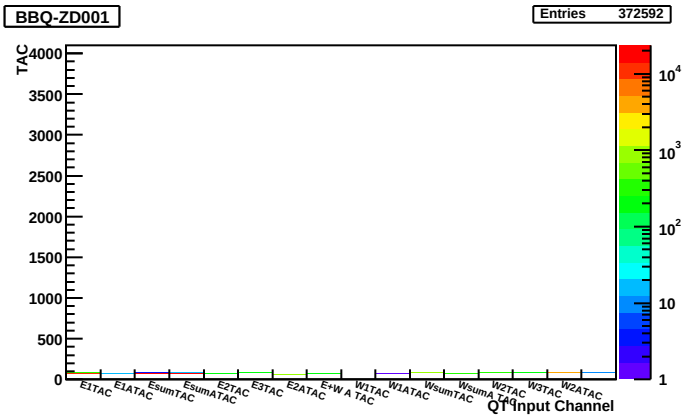

BBQ-BB002 (BBC west small tiles ADC)
Entries 372592
ADC
QT Input Channel

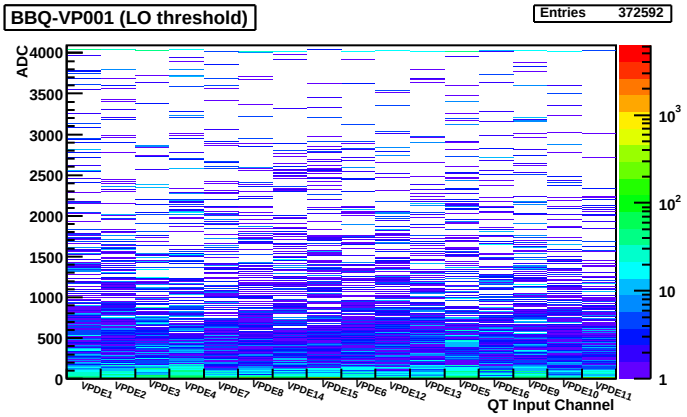

BBQ-BB002 (BBC west small tiles TAC)
Entries 372592
TAC
QT Input Channel

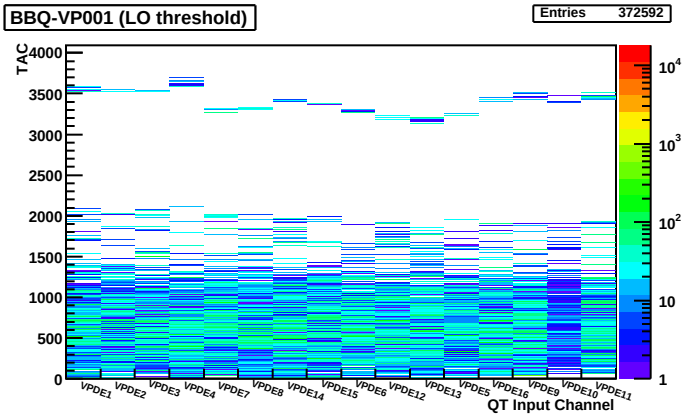

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 372592
ADC
QT Input Channel

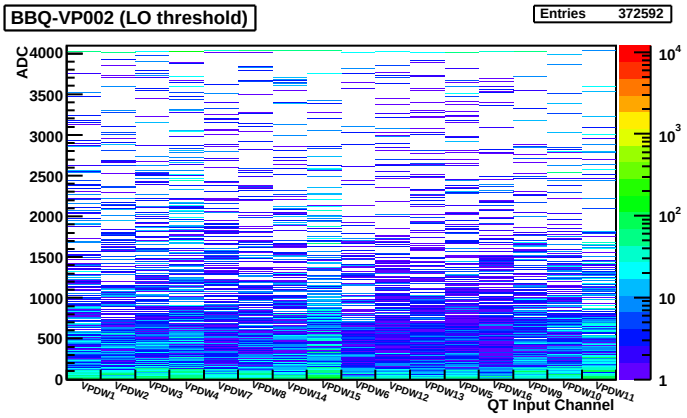

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 372592
TAC
QT Input Channel

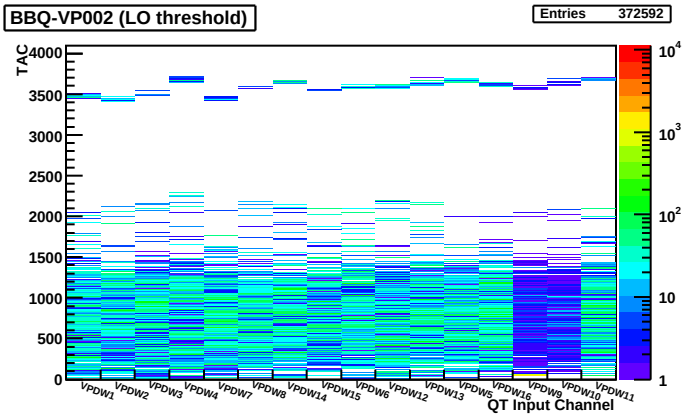

BBQ-ZD001
Entries 372592
ADC
QT Input Channel

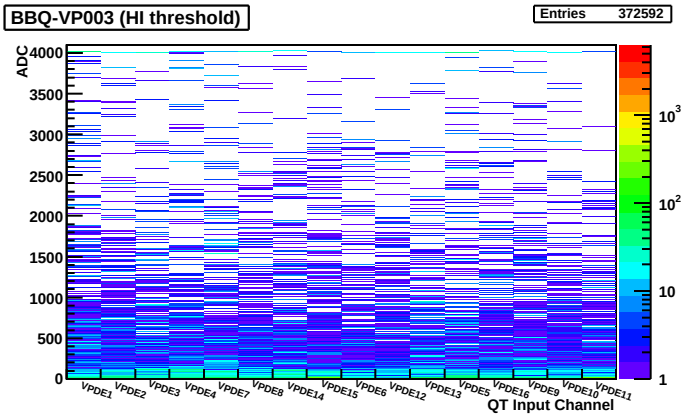

BBQ-ZD001
Entries 372592
TAC
QT Input Channel

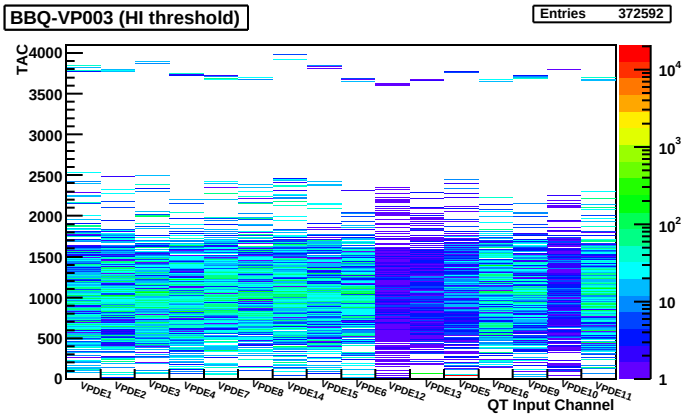

BBQ-VP001 (LO threshold)
Entries 372592
ADC
QT Input Channel

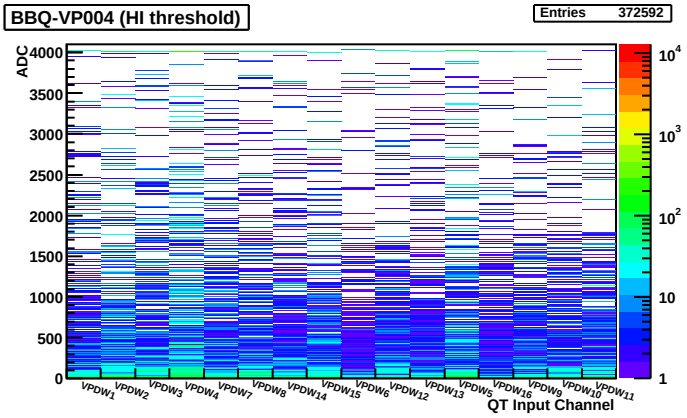

BBQ-VP001 (LO threshold)
Entries 372592
TAC
QT Input Channel

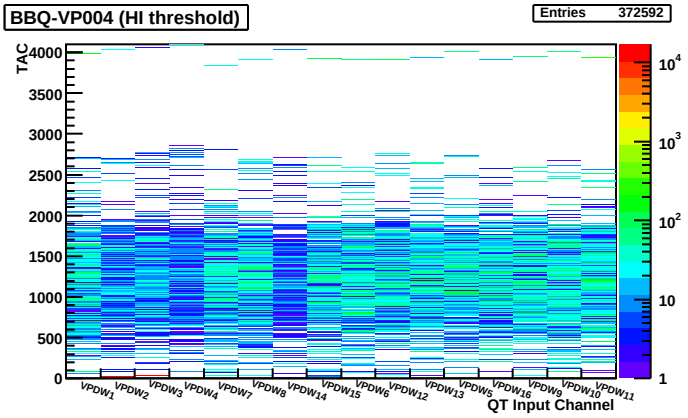

BBQ-VP002 (LO threshold)
Entries 372592
ADC
QT Input Channel

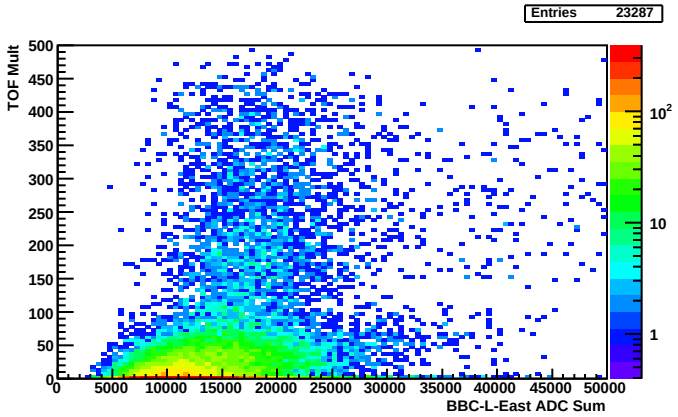

BBQ-VP002 (LO threshold)
Entries 372592
TAC
QT Input Channel

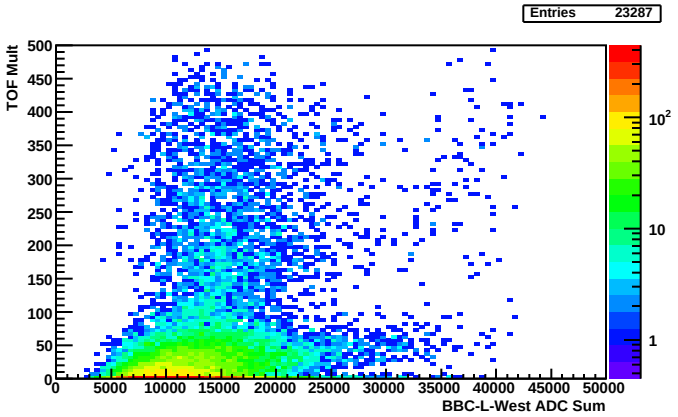

BBQ-VP003 (HI threshold)
Entries 372592
ADC
QT Input Channel

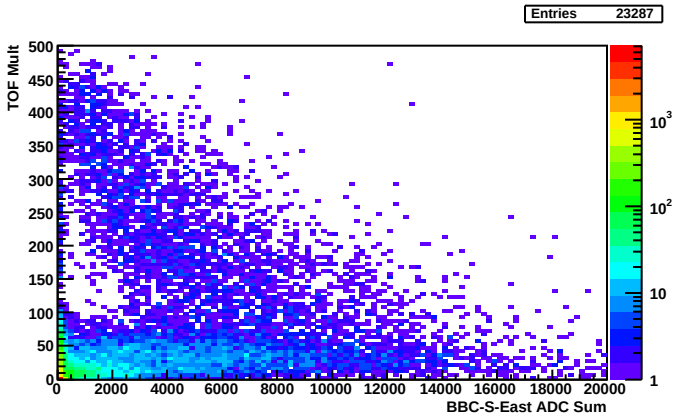

BBQ-VP003 (HI threshold)
Entries 372592
TAC
QT Input Channel

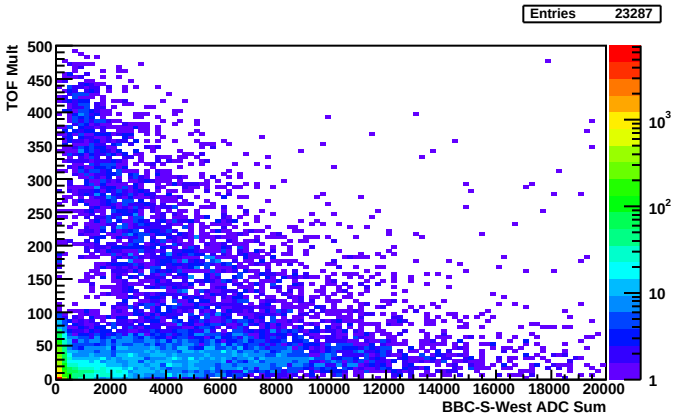

BBQ-VP004 (HI threshold)
Entries 372592
ADC
QT Input Channel

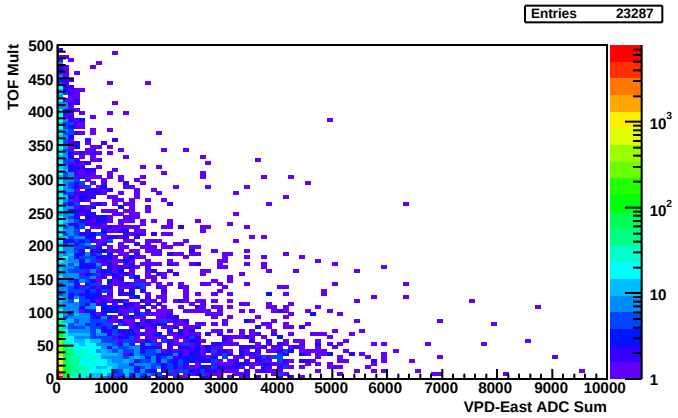

BBQ-VP004 (HI threshold)
Entries 372592
TAC
QT Input Channel

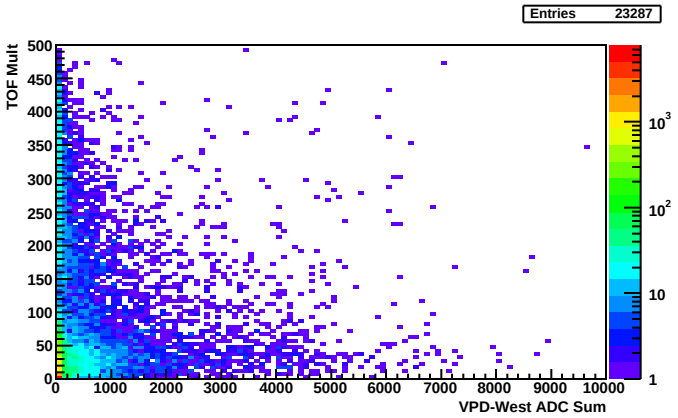

Entries 23287
TOF Mult
BBC-L-East ADC Sum

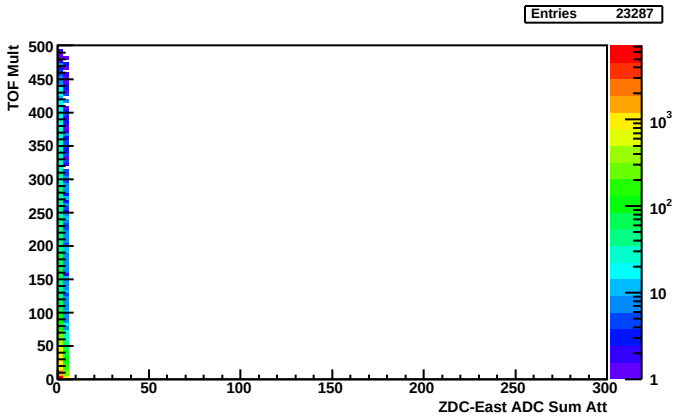

Entries 23287
TOF Mult
BBC-L-West ADC Sum

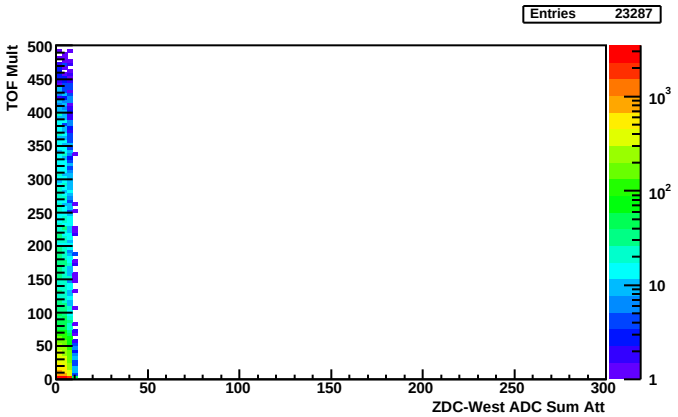

Entries 23287
TOF Mult
BBC-S-East ADC Sum

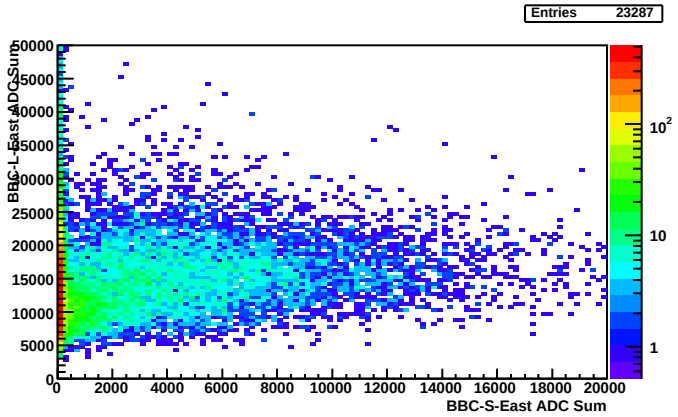

Entries 23287
TOF Mult
BBC-S-West ADC Sum

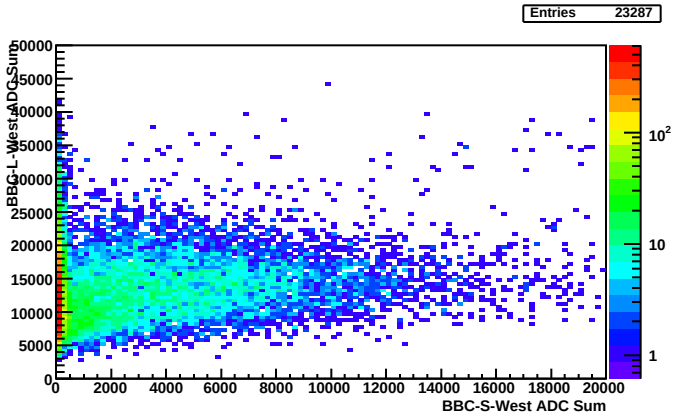

Entries 23287
TOF Mult
VPD-East ADC Sum

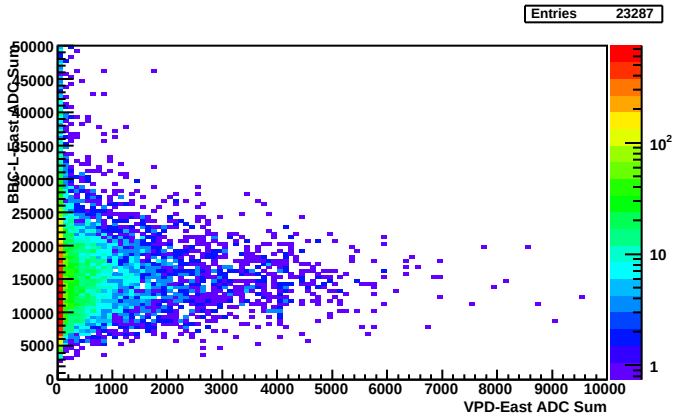

Entries 23287
TOF Mult
VPD-West ADC Sum

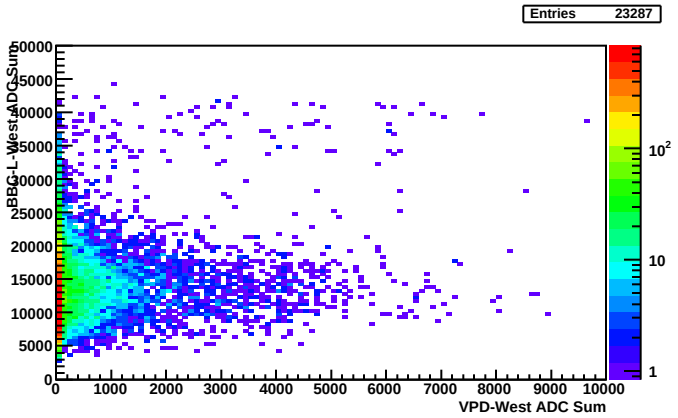

Entries 23287
TOF Mult
ZDC-East ADC Sum Att

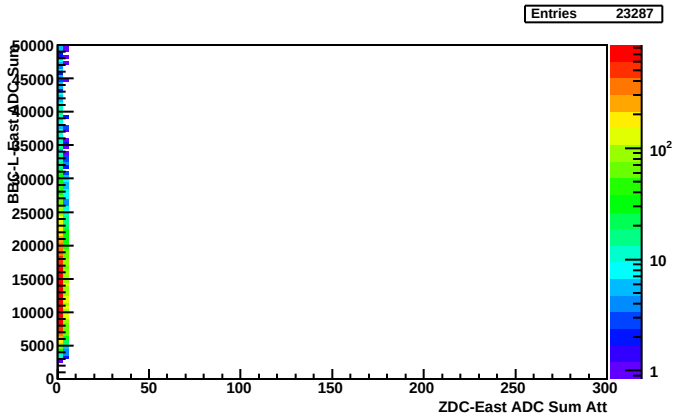

Entries 23287
TOF Mult
ZDC-West ADC Sum Att

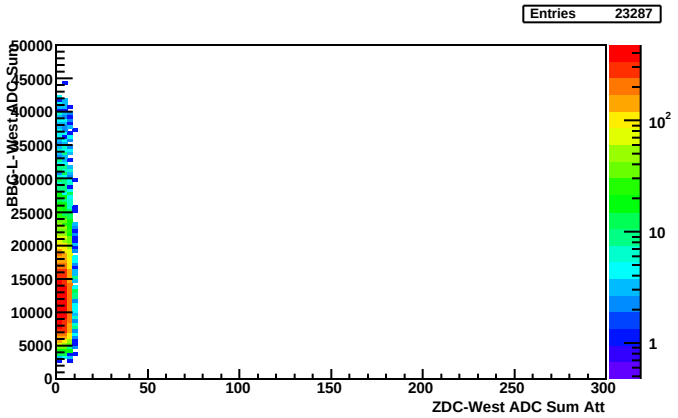

Entries 23287
BBC-L-East ADC Sum
BBC-S-East ADC Sum

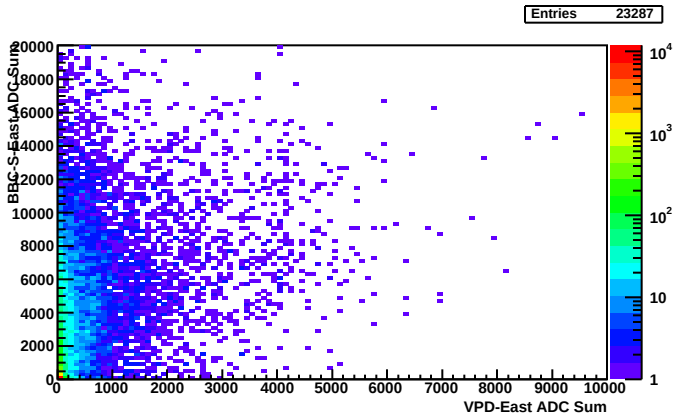

Entries 23287
BBC-L-West ADC Sum
BBC-S-West ADC Sum

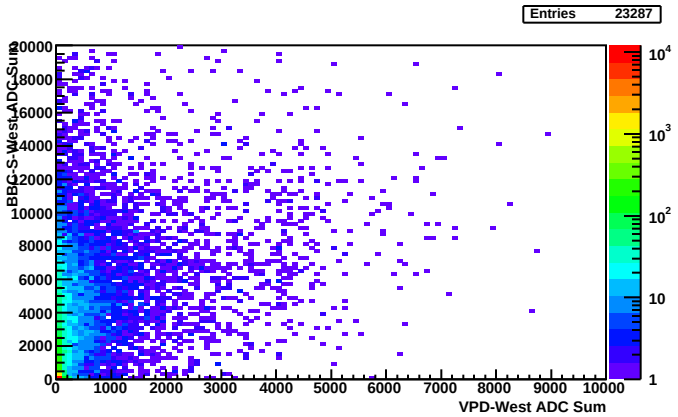

Entries 23287
BBC-L-East ADC Sum
VPD-East ADC Sum

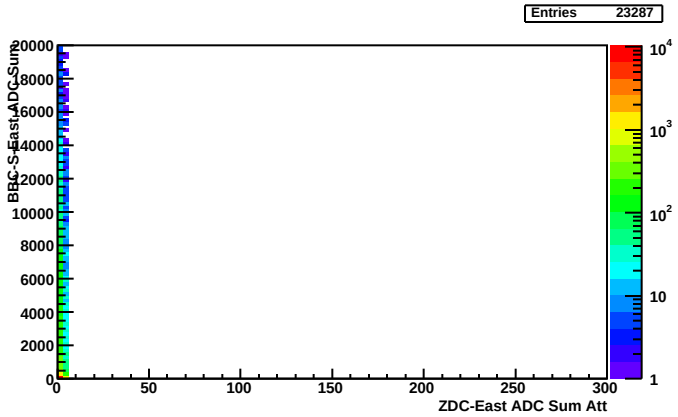

Entries 23287
BBC-L-West ADC Sum
VPD-West ADC Sum

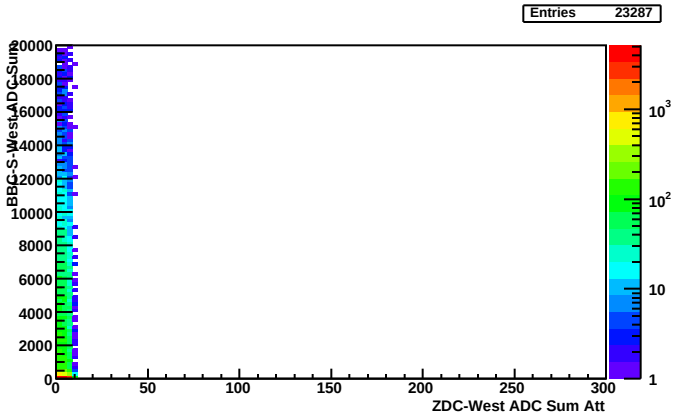

Entries 23287
BBC-L-East ADC Sum
ZDC-East ADC Sum Att

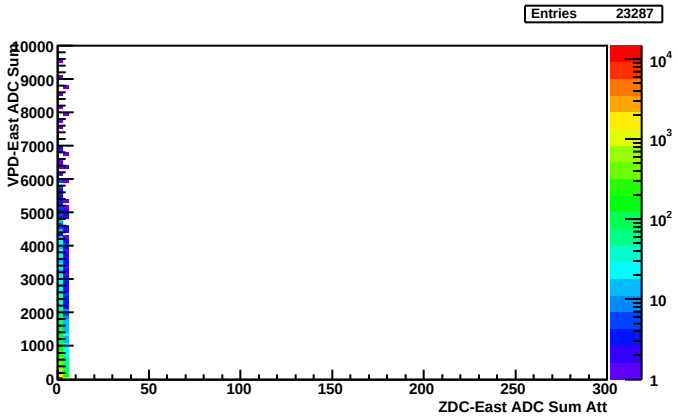

Entries 23287
BBC-L-West ADC Sum
ZDC-West ADC Sum Att

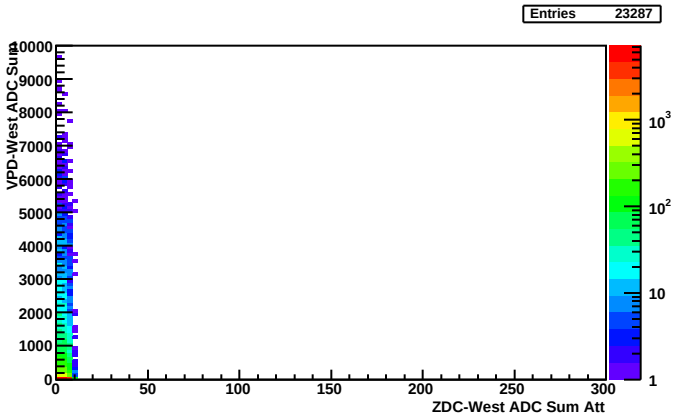

Entries 23287
BBC-S-East ADC Sum
VPD-East ADC Sum

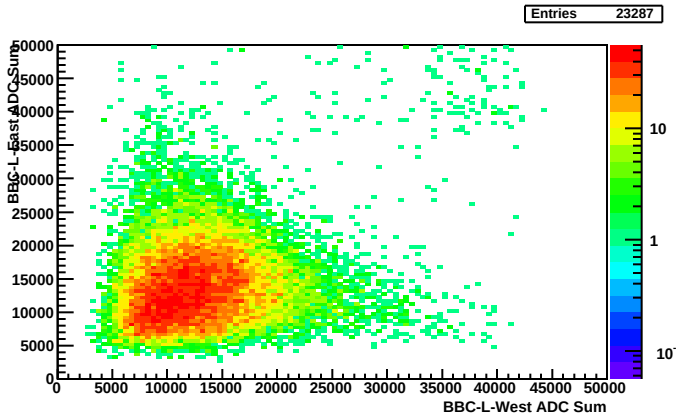

Entries 23287
BBC-S-West ADC Sum
VPD-West ADC Sum

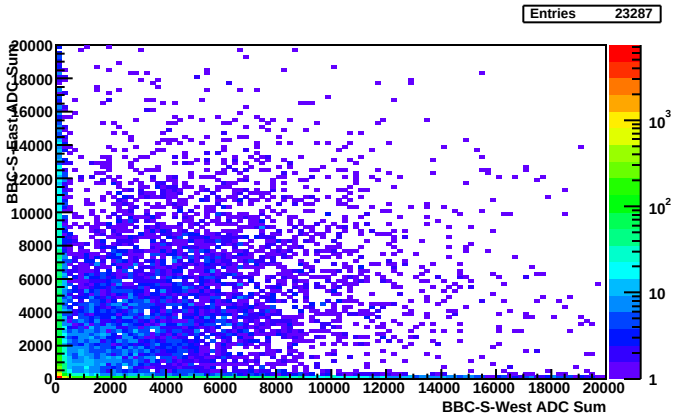

Entries 23287
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

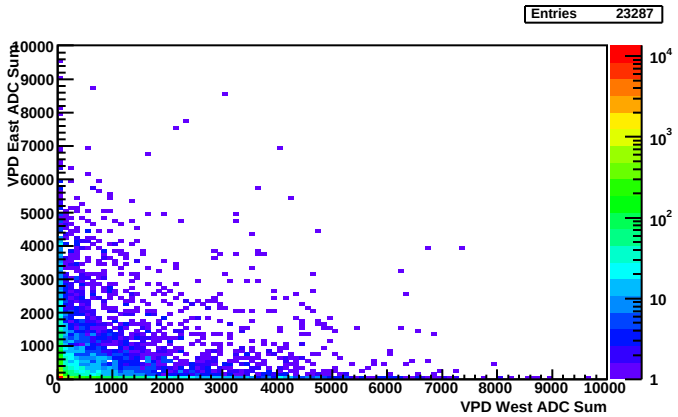

Entries 23287
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

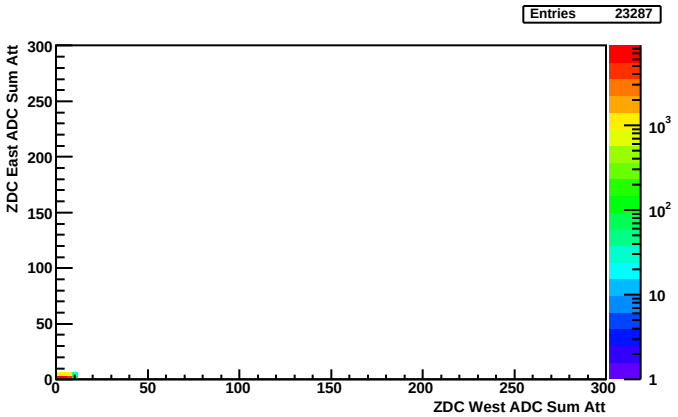

Entries 23287
VPD-East ADC Sum
ZDC-East ADC Sum Att

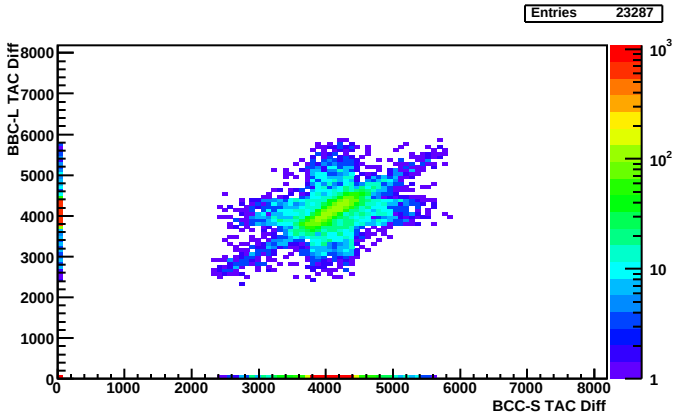

Entries 23287
VPD-West ADC Sum
ZDC-West ADC Sum Att

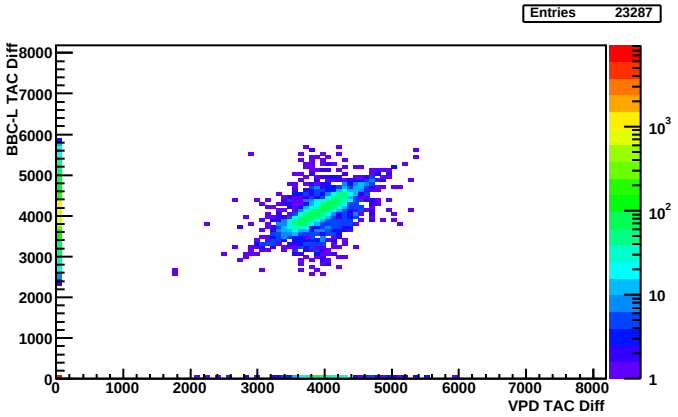

Entries 23287
BBC-L-East ADC Sum
BBC-L-West ADC Sum

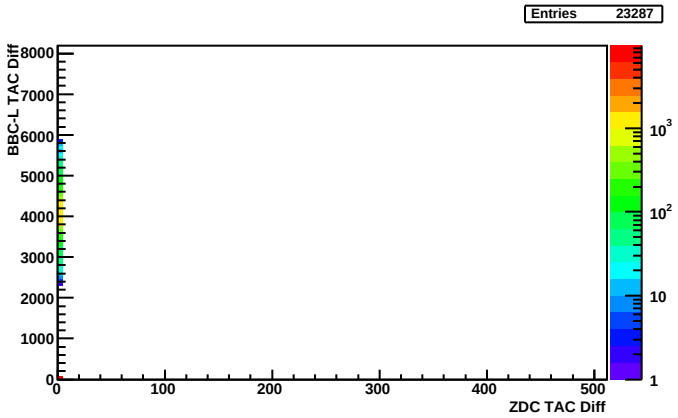

Entries 23287
BBC-S-East ADC Sum
BBC-S-West ADC Sum

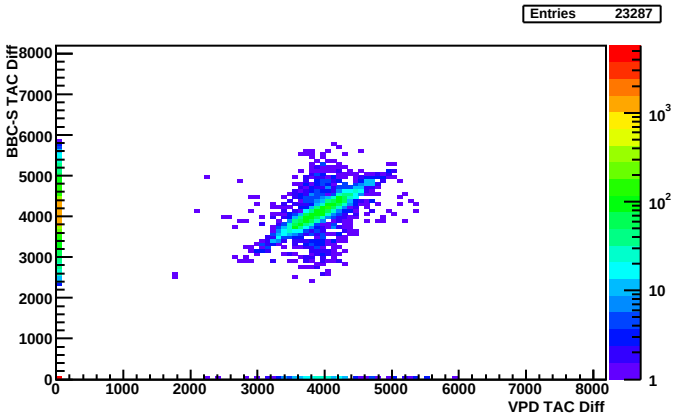

Entries 23287
VPD East ADC Sum
VPD West ADC Sum

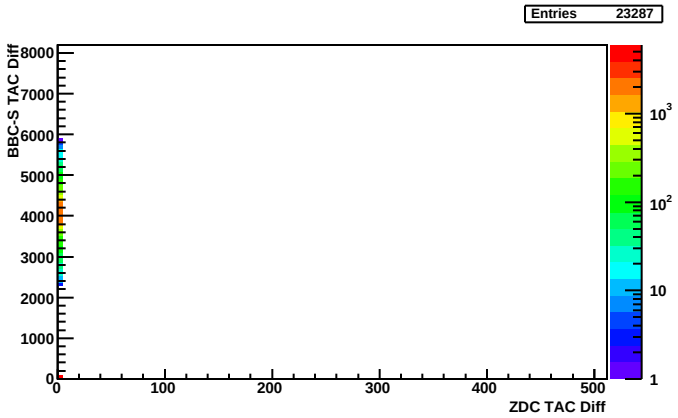

Entries 23287
ZDC East ADC Sum Att
ZDC West ADC Sum Att


Entries 23287
BBC-L TAC Diff
BCC-S TAC Diff


Entries 23287
BBC-L TAC Diff
VPD TAC Diff


Entries 23287
BBC-L TAC Diff
ZDC TAC Diff


Entries 23287
BBC-S TAC Diff
VPD TAC Diff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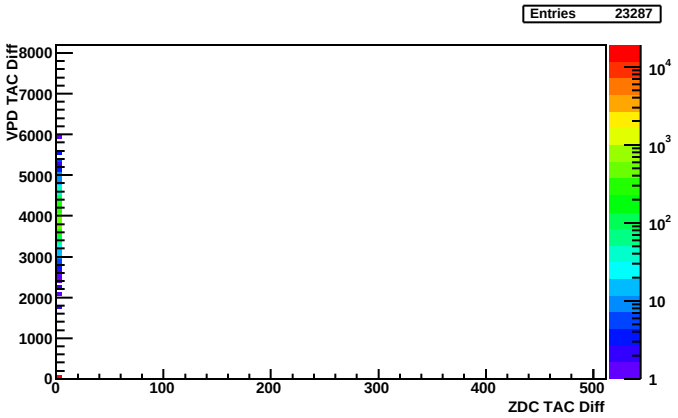
BBC-S TAC Diff
ZDC TAC Diff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VPD TAC Diff
ZDC TAC Diff