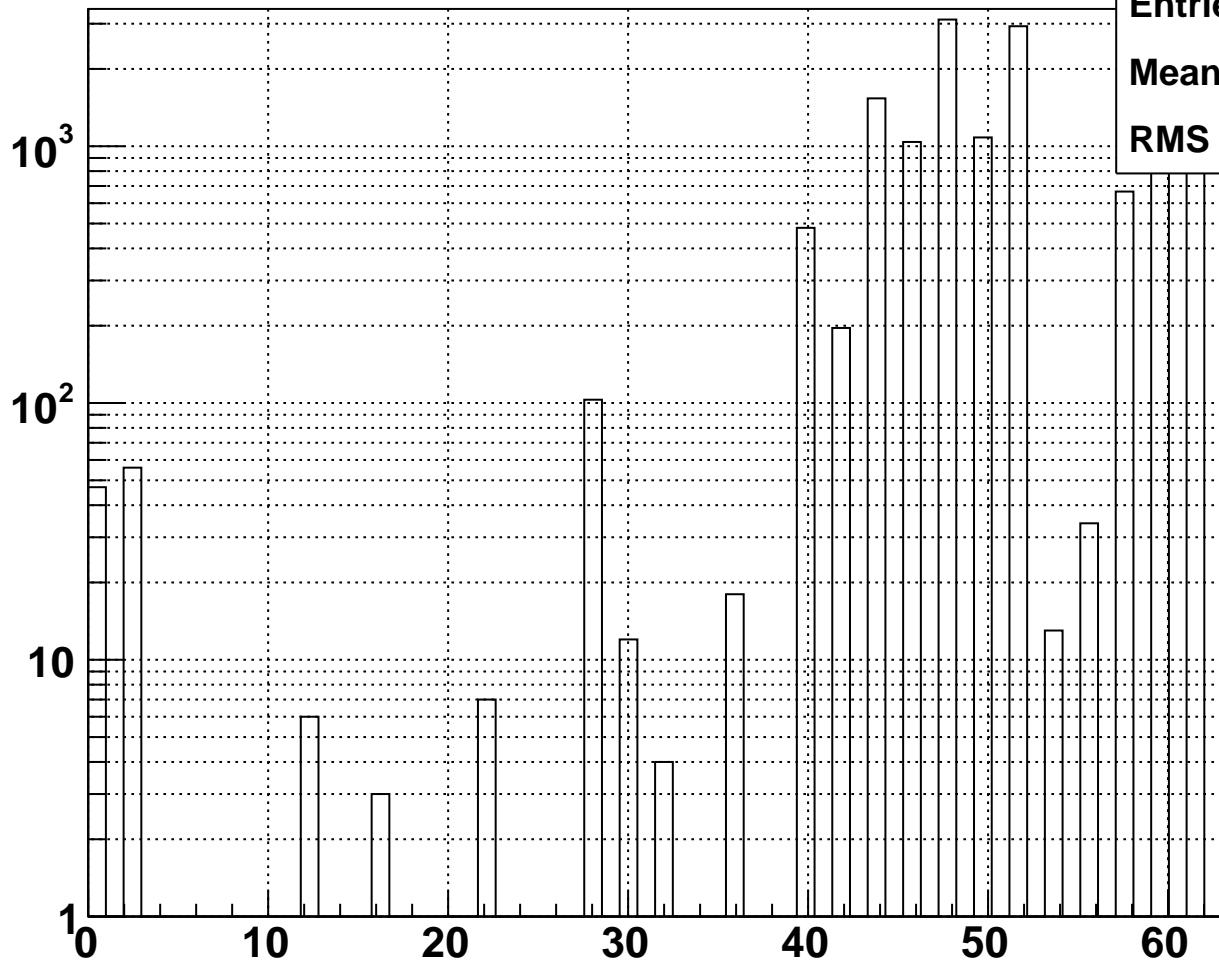


fst_EvtsByTrigger

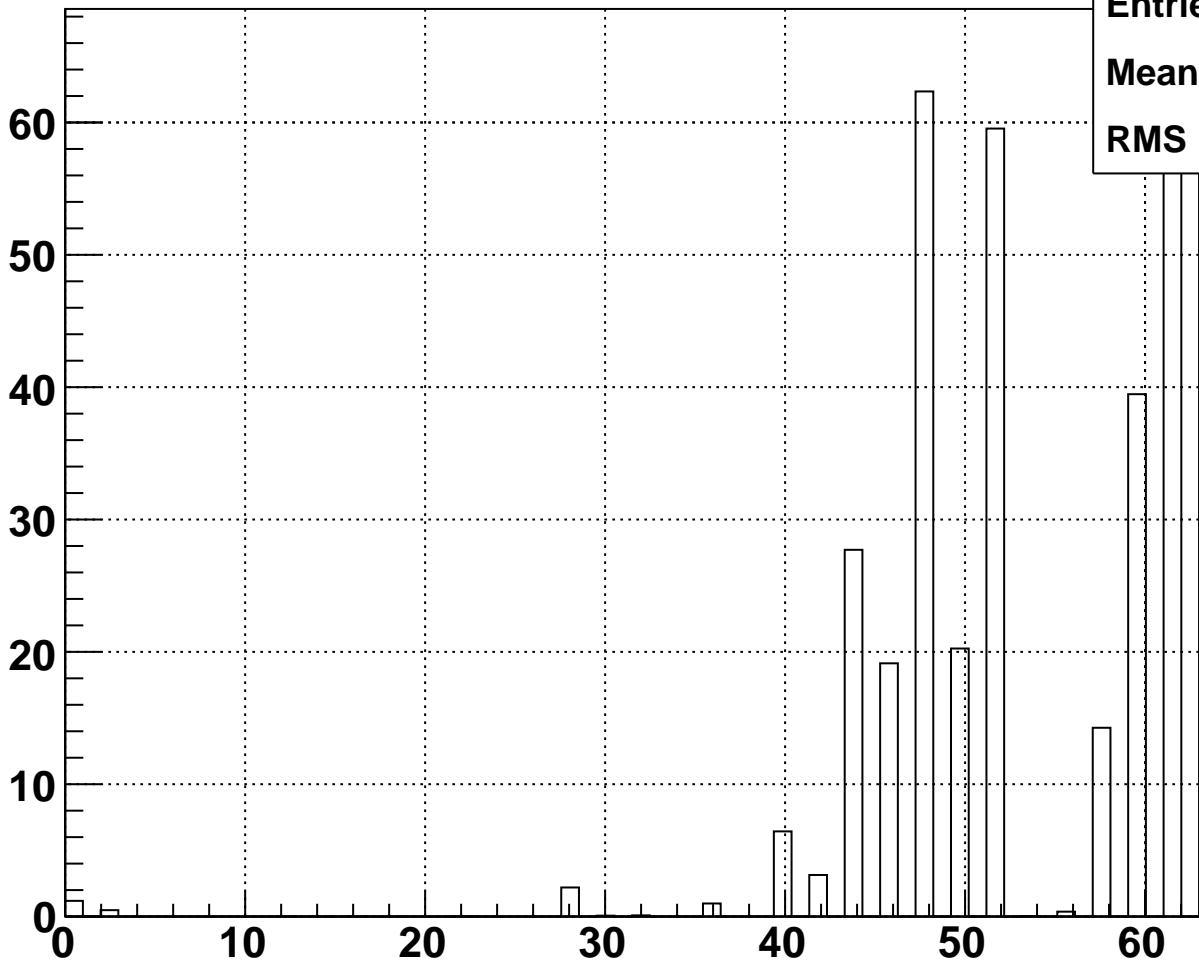
fst_EvtsByTrigger



Entries 15800
Mean 51.69
RMS 8.121

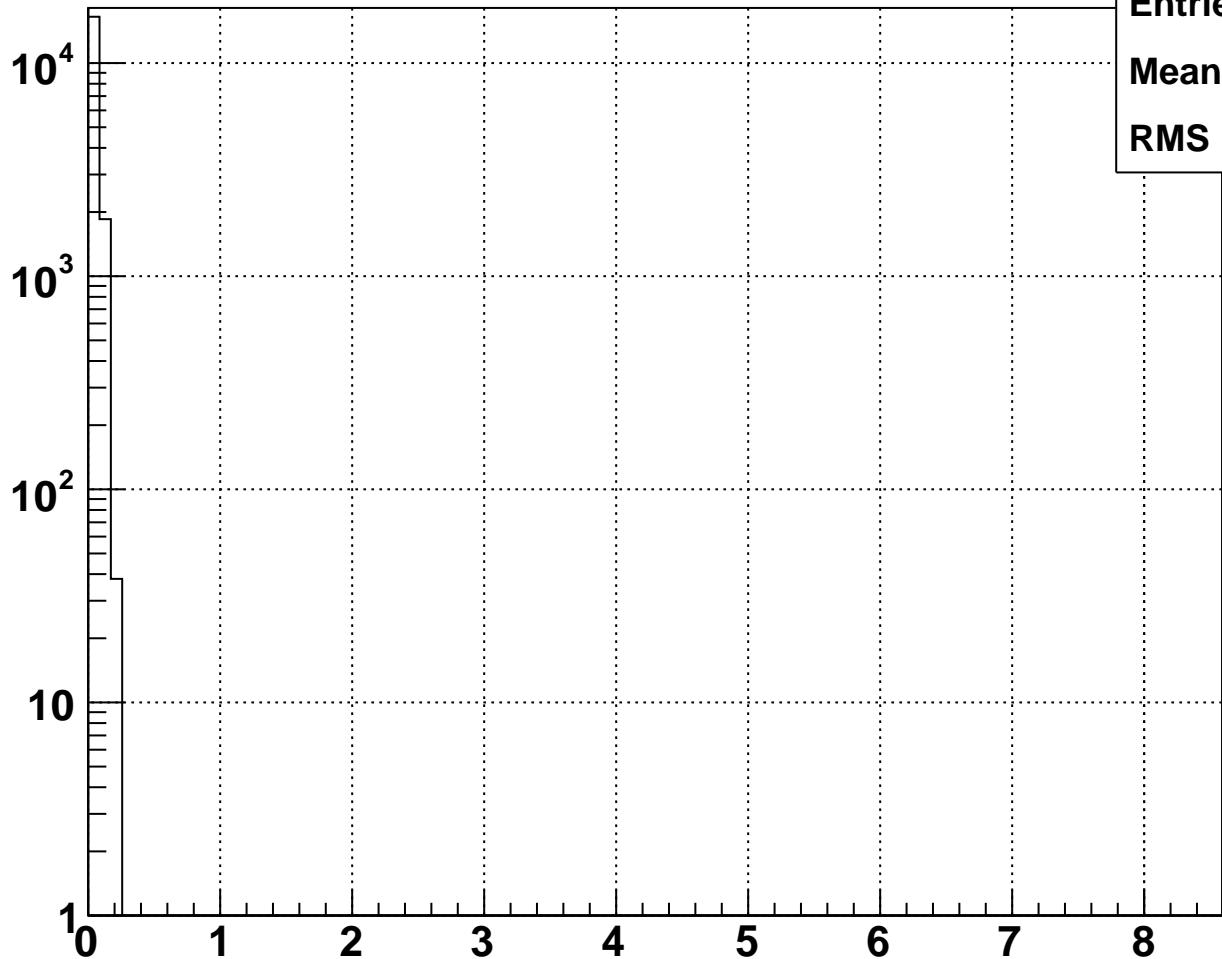
fst_TimeByTrigger

fst_TimeByTrigger



Entries 15800
Mean 52.27
RMS 7.885

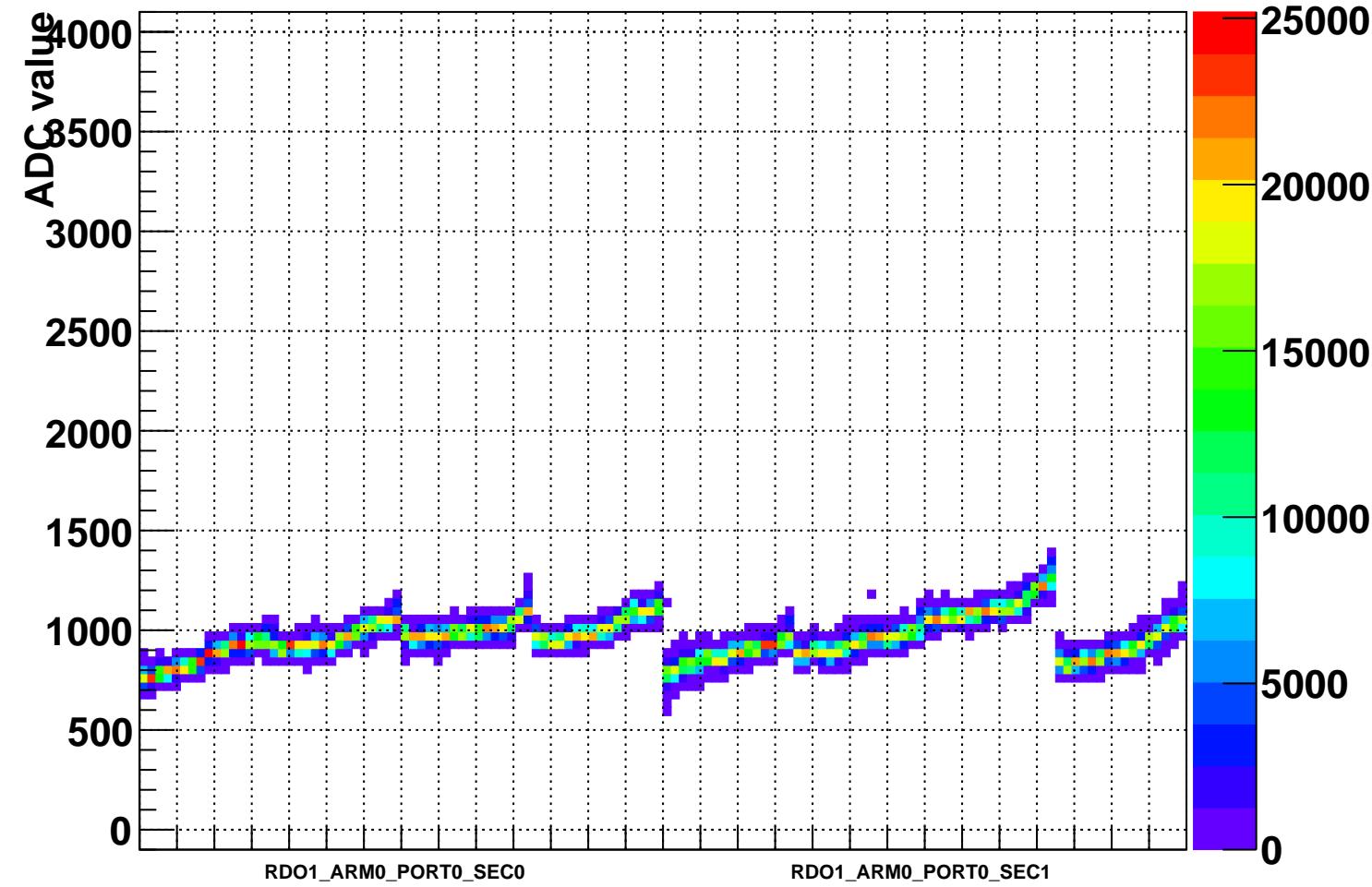
fst_Time



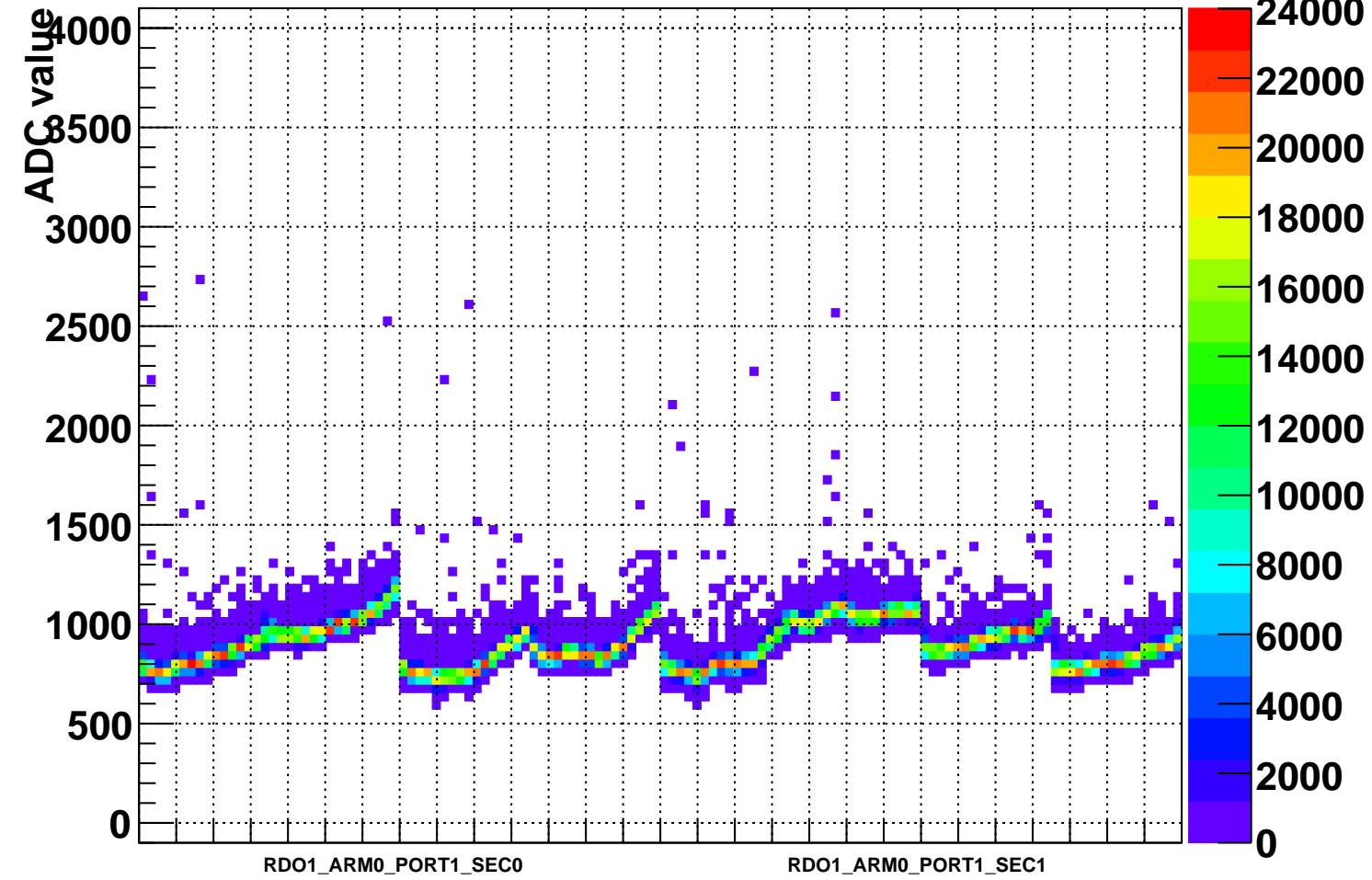
fst_Time

Entries 18389
Mean 0.02108
RMS 0.05204

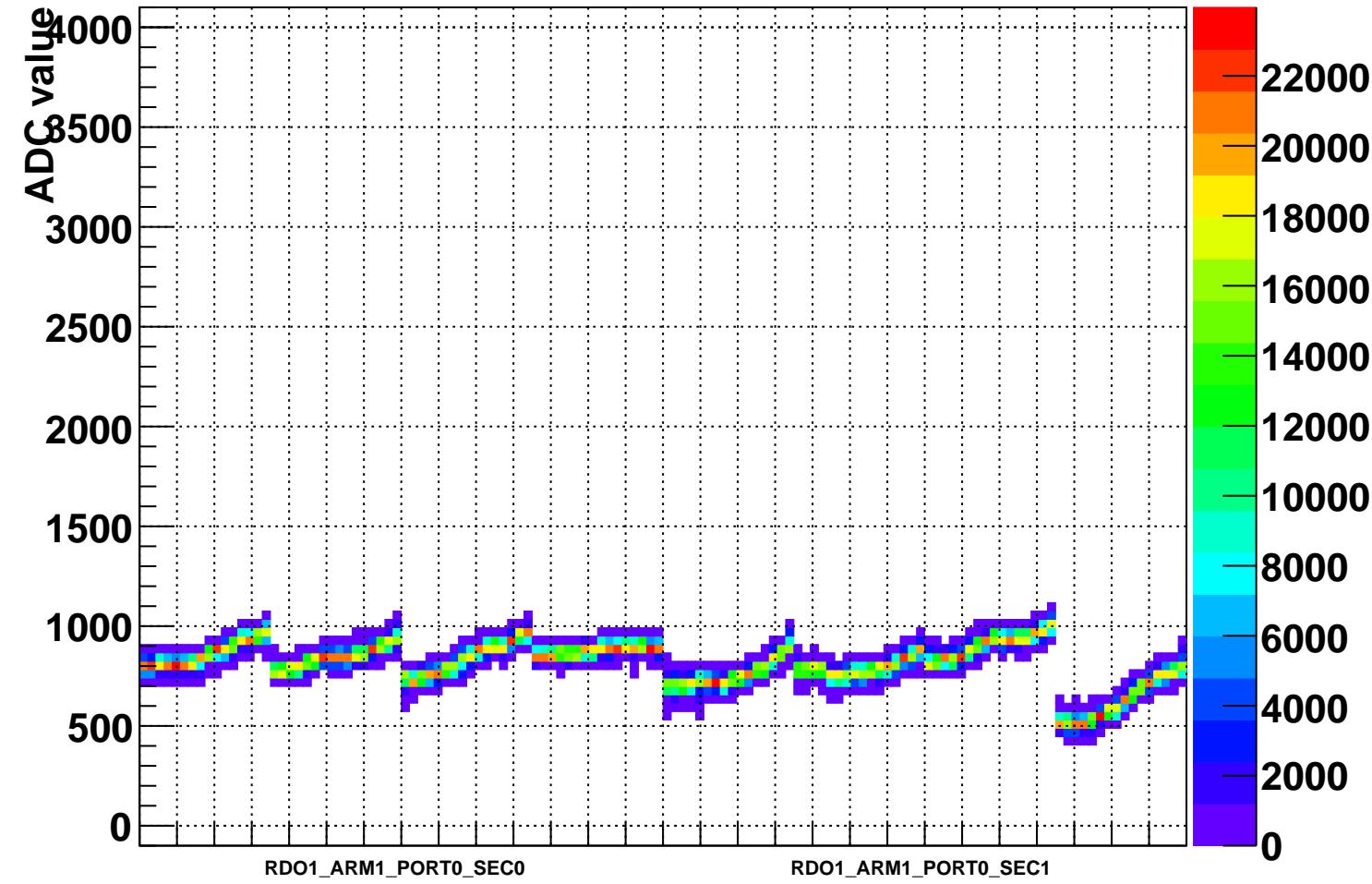
FST - ADC vs Channel Id: Disk1 Module1



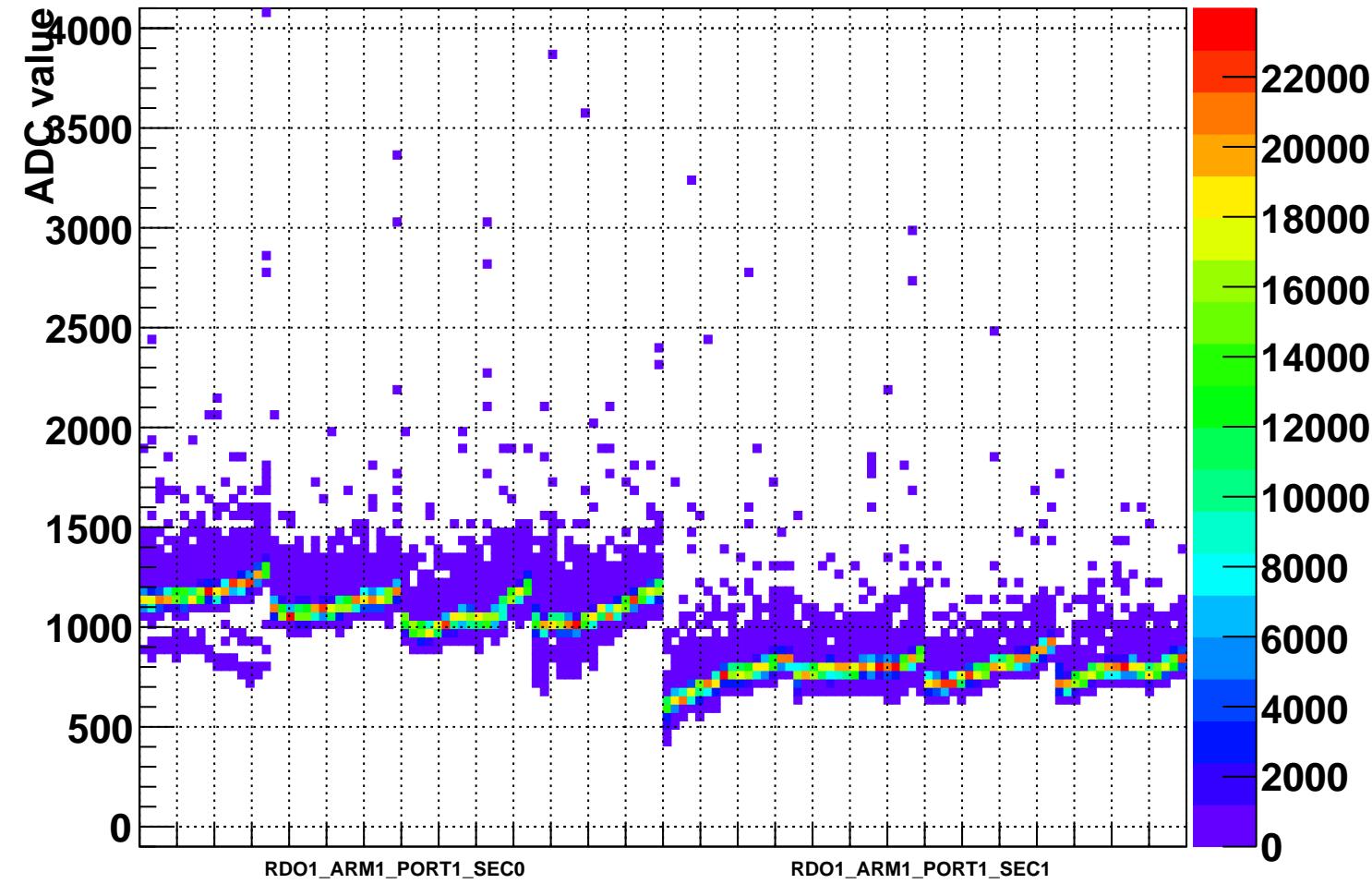
FST - ADC vs Channel Id: Disk1 Module2



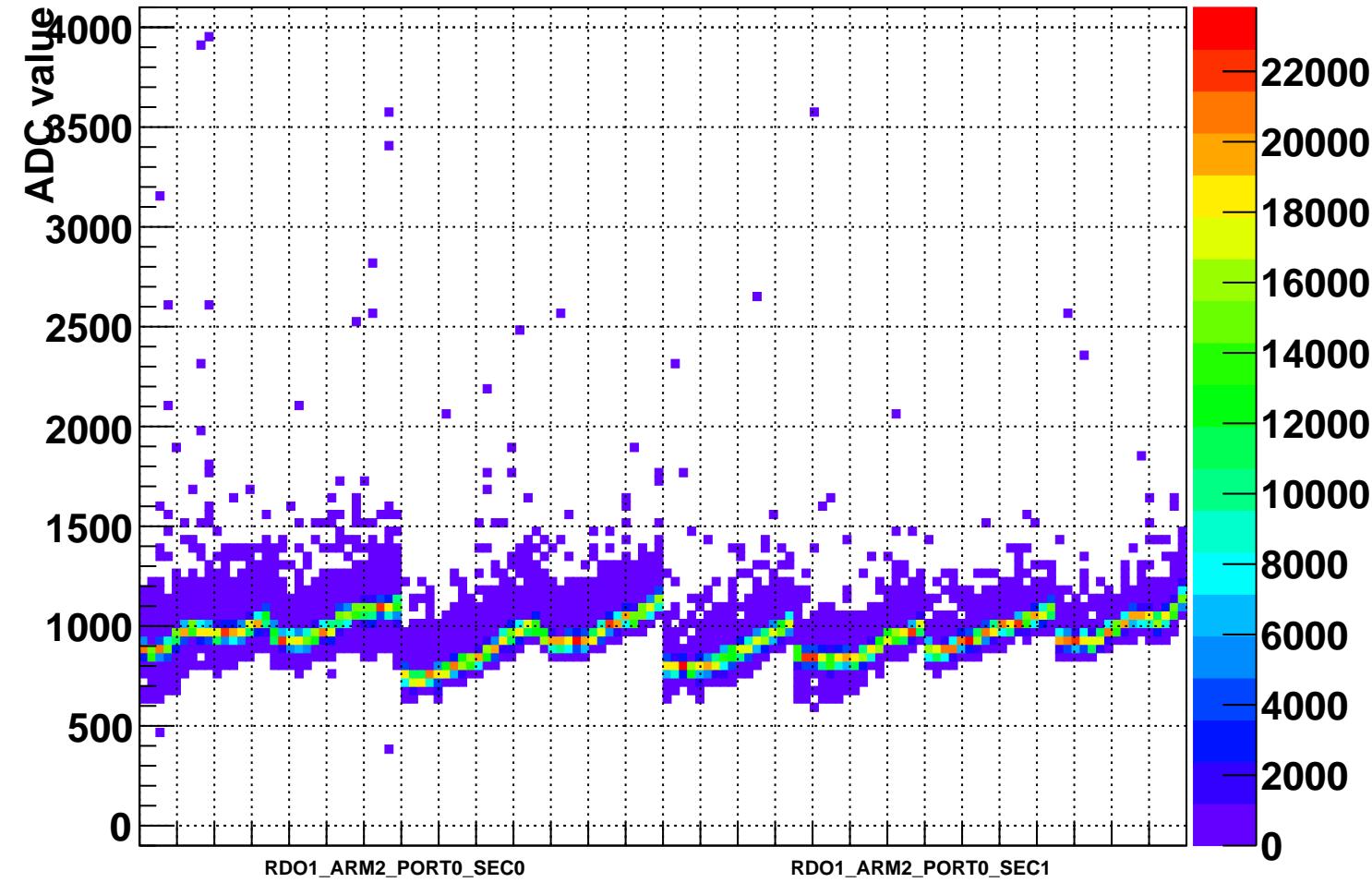
FST - ADC vs Channel Id: Disk1 Module3



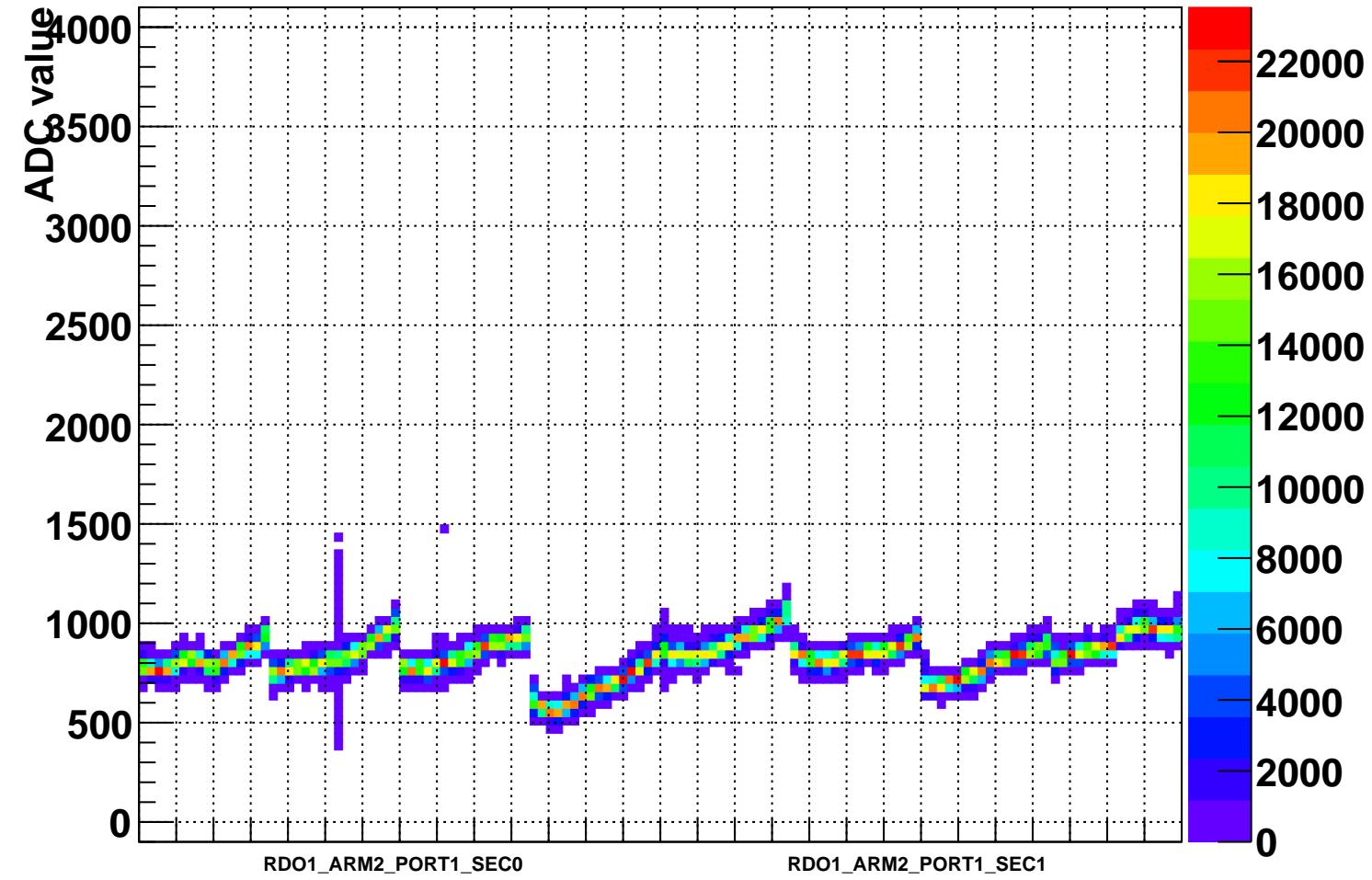
FST - ADC vs Channel Id: Disk1 Module4



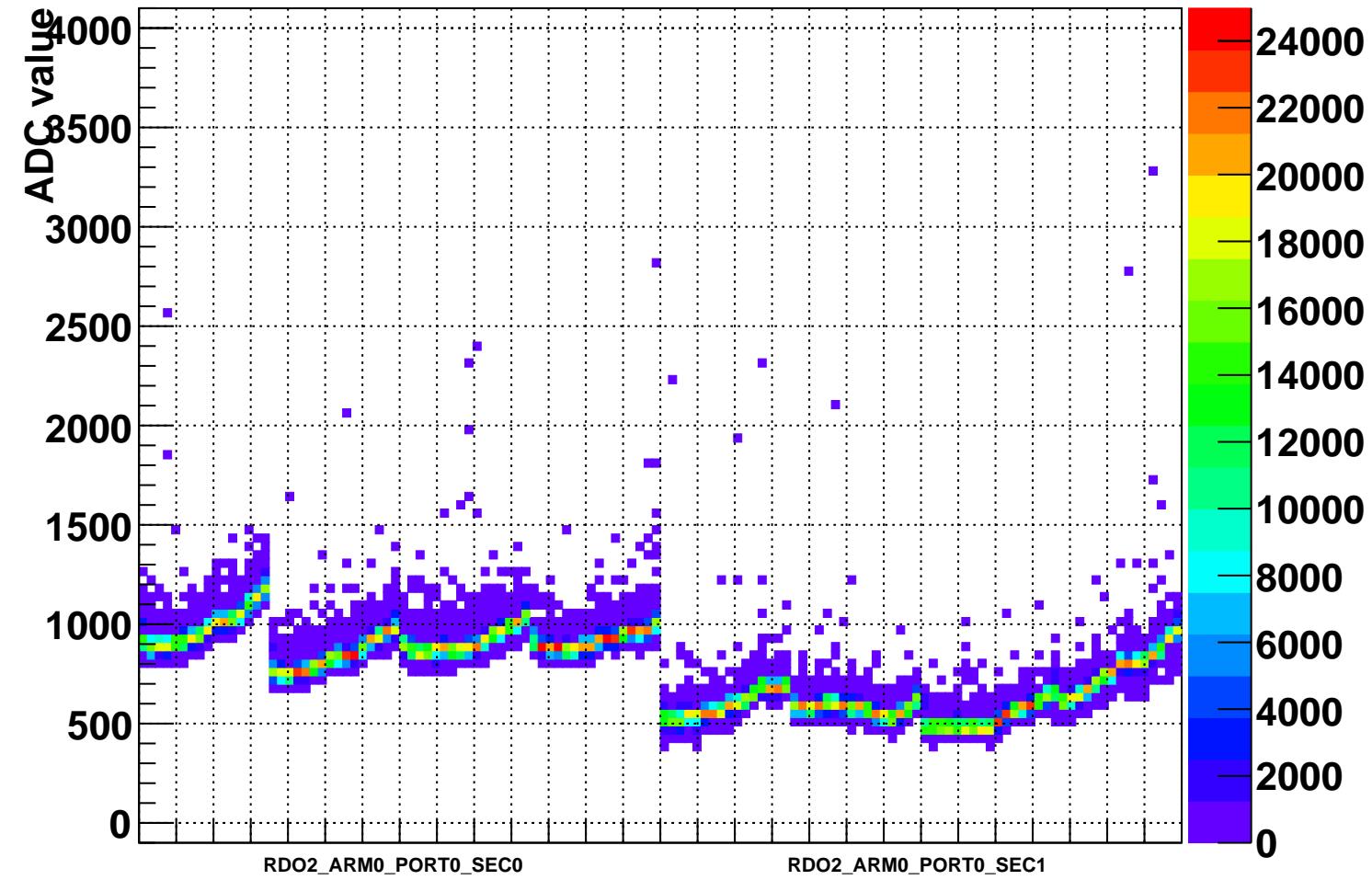
FST - ADC vs Channel Id: Disk1 Module5



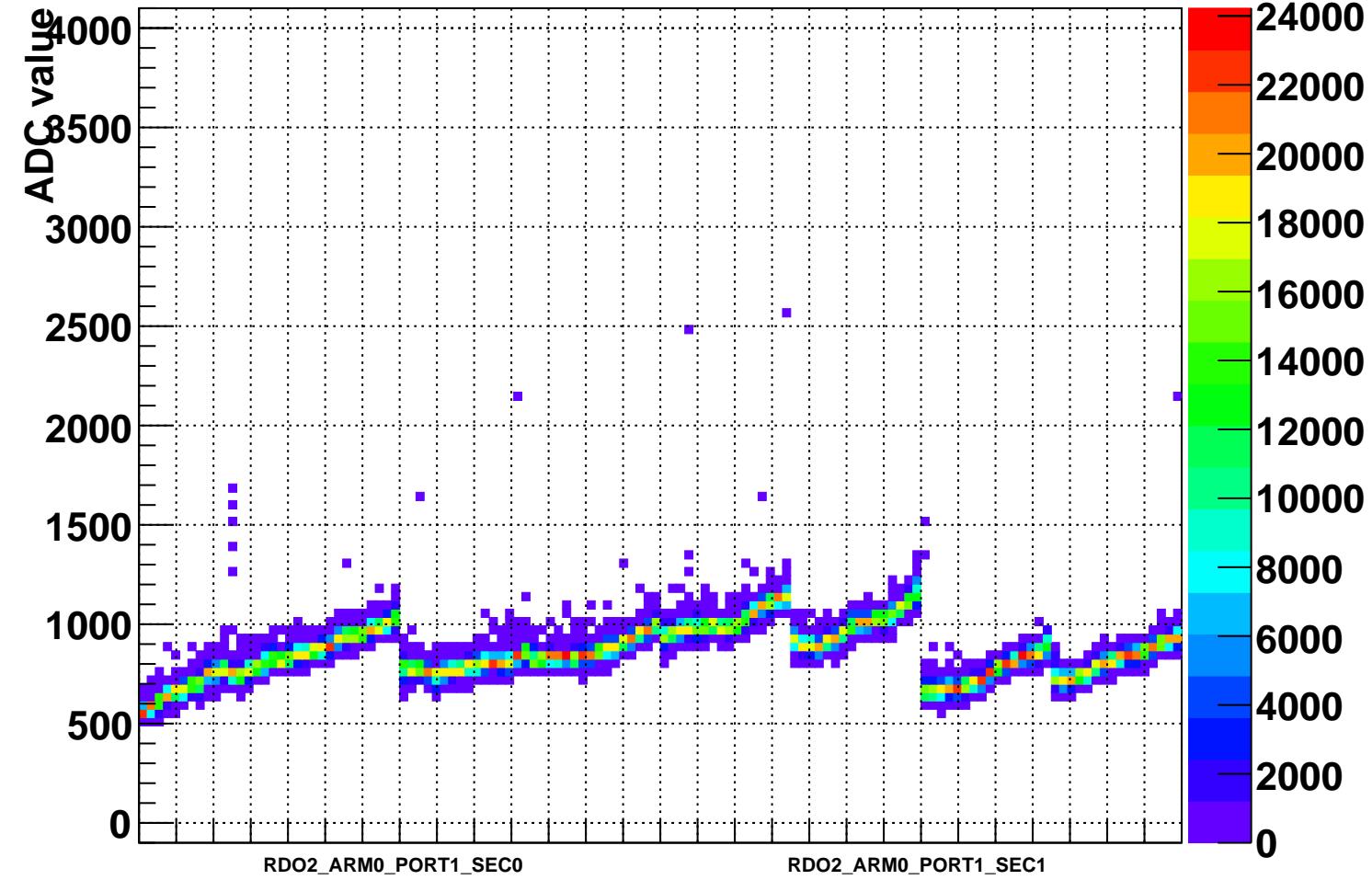
FST - ADC vs Channel Id: Disk1 Module6



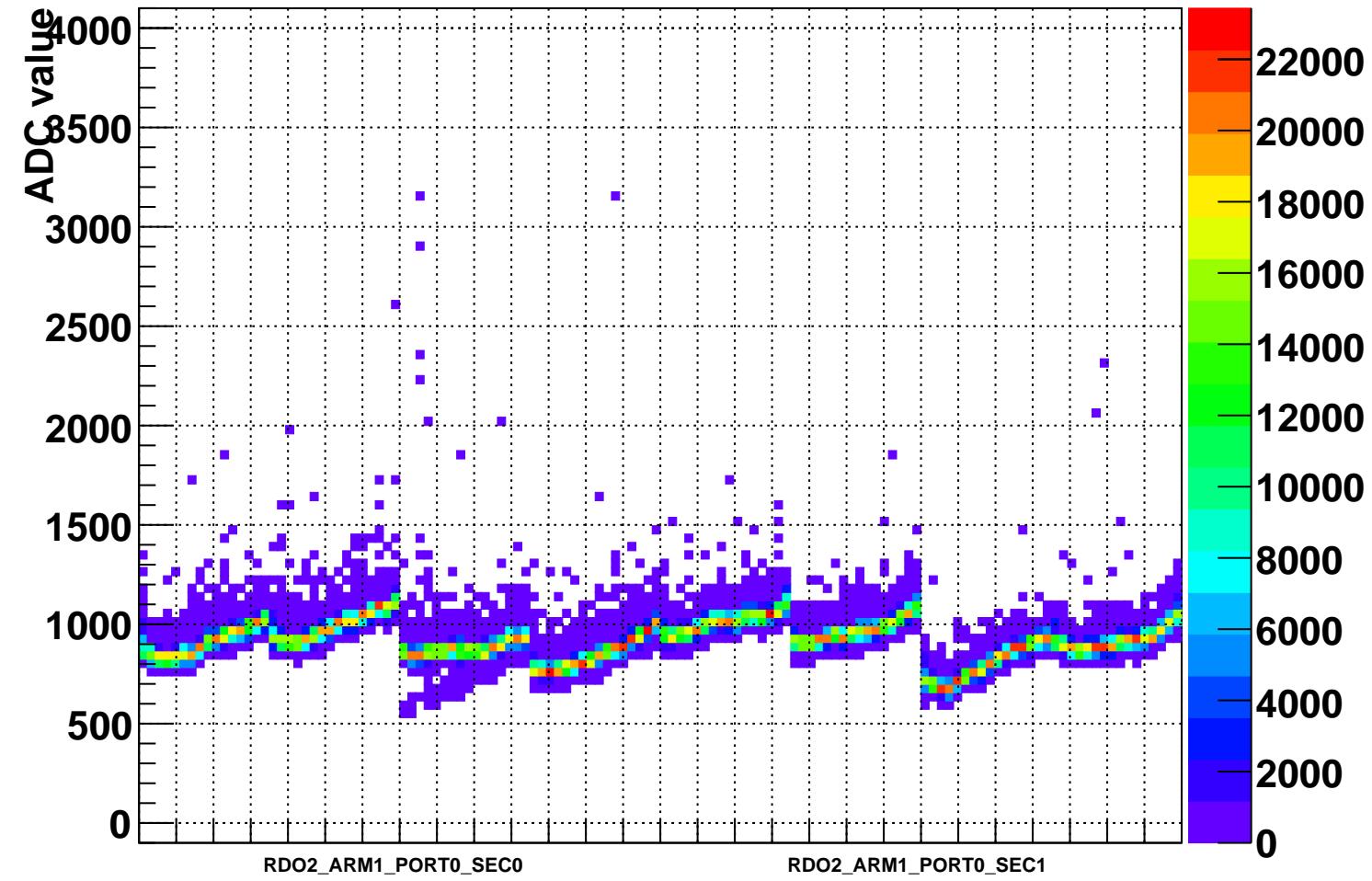
FST - ADC vs Channel Id: Disk1 Module7



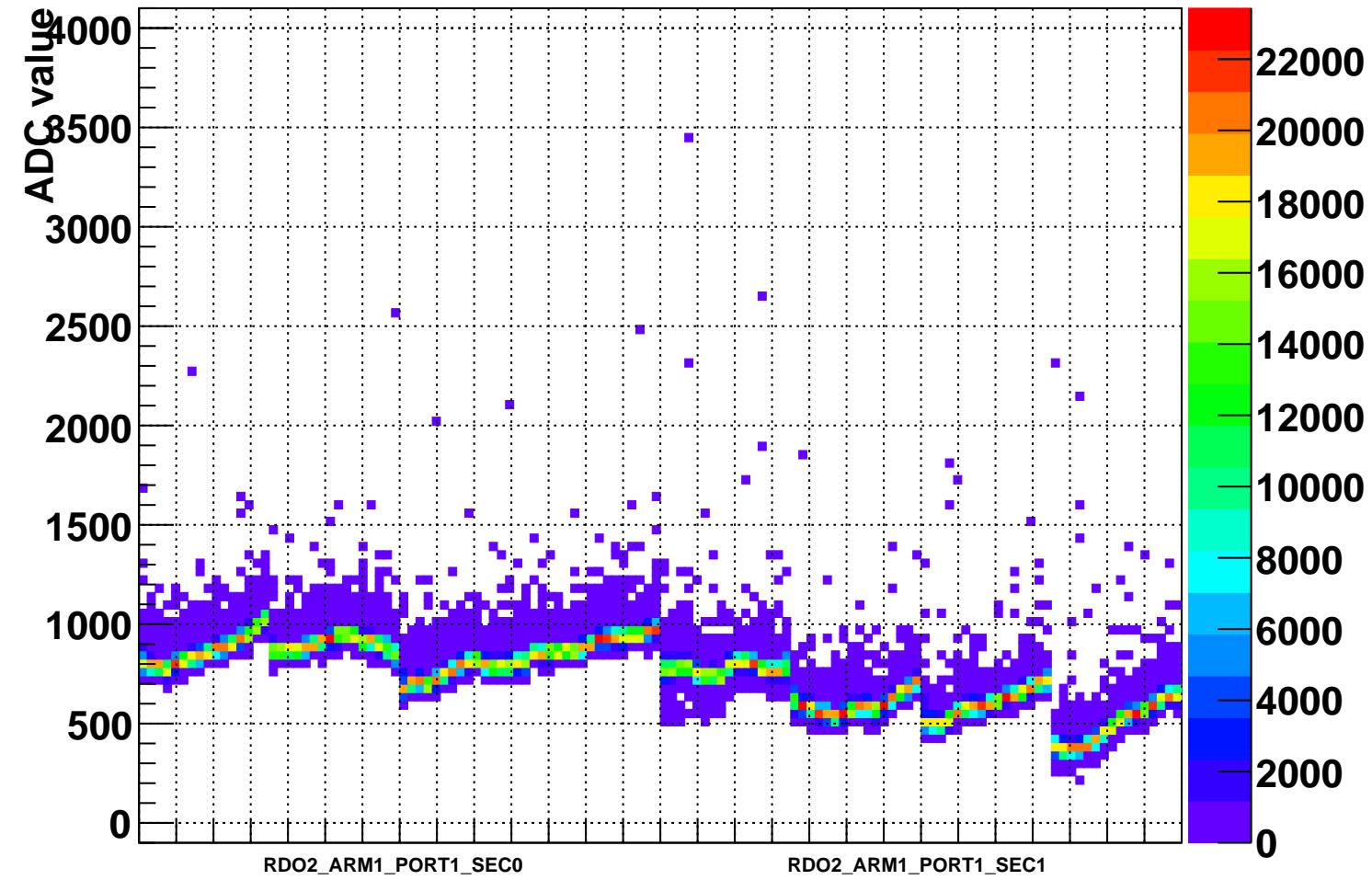
FST - ADC vs Channel Id: Disk1 Module8



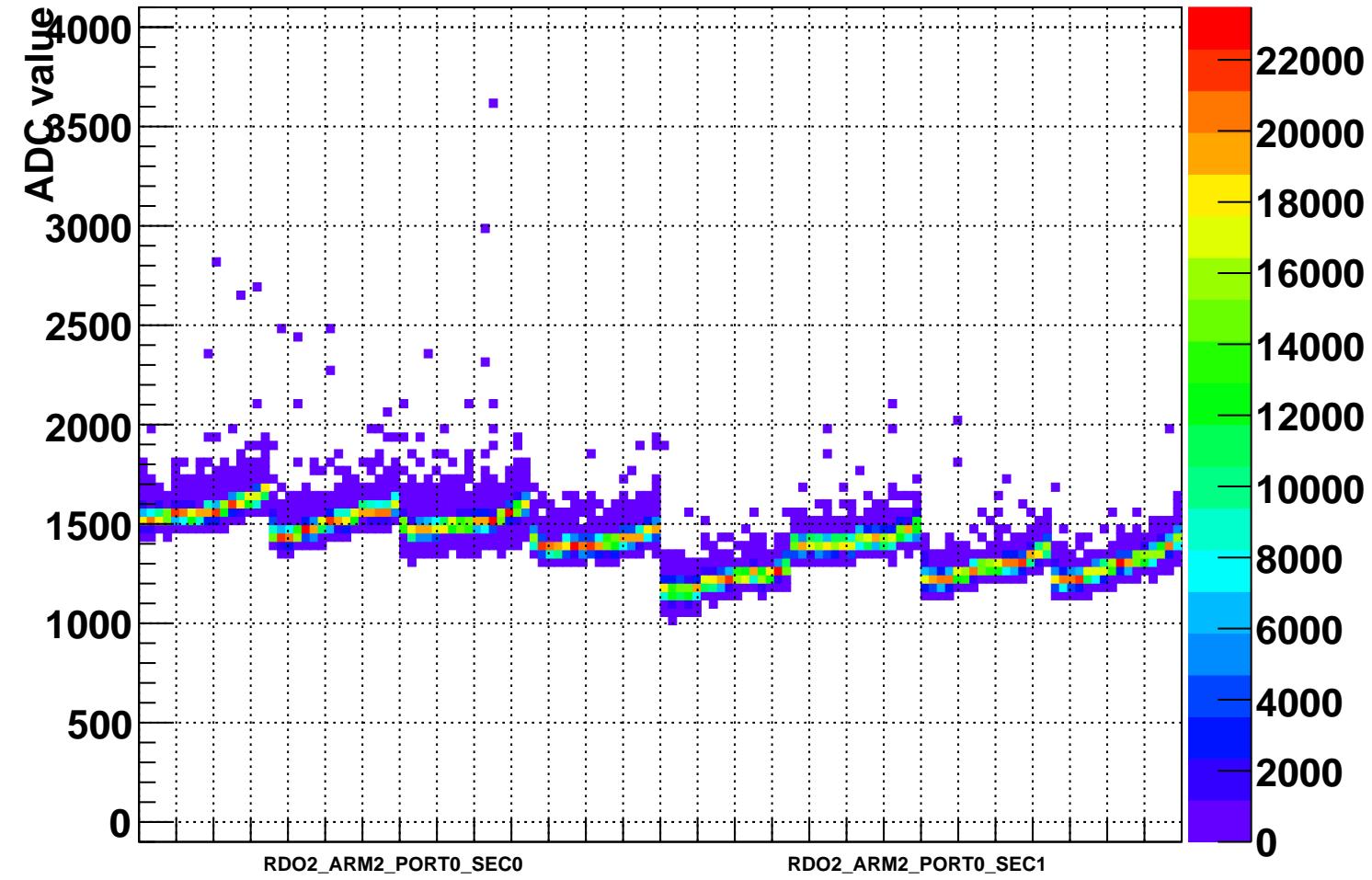
FST - ADC vs Channel Id: Disk1 Module9



FST - ADC vs Channel Id: Disk1 Module10



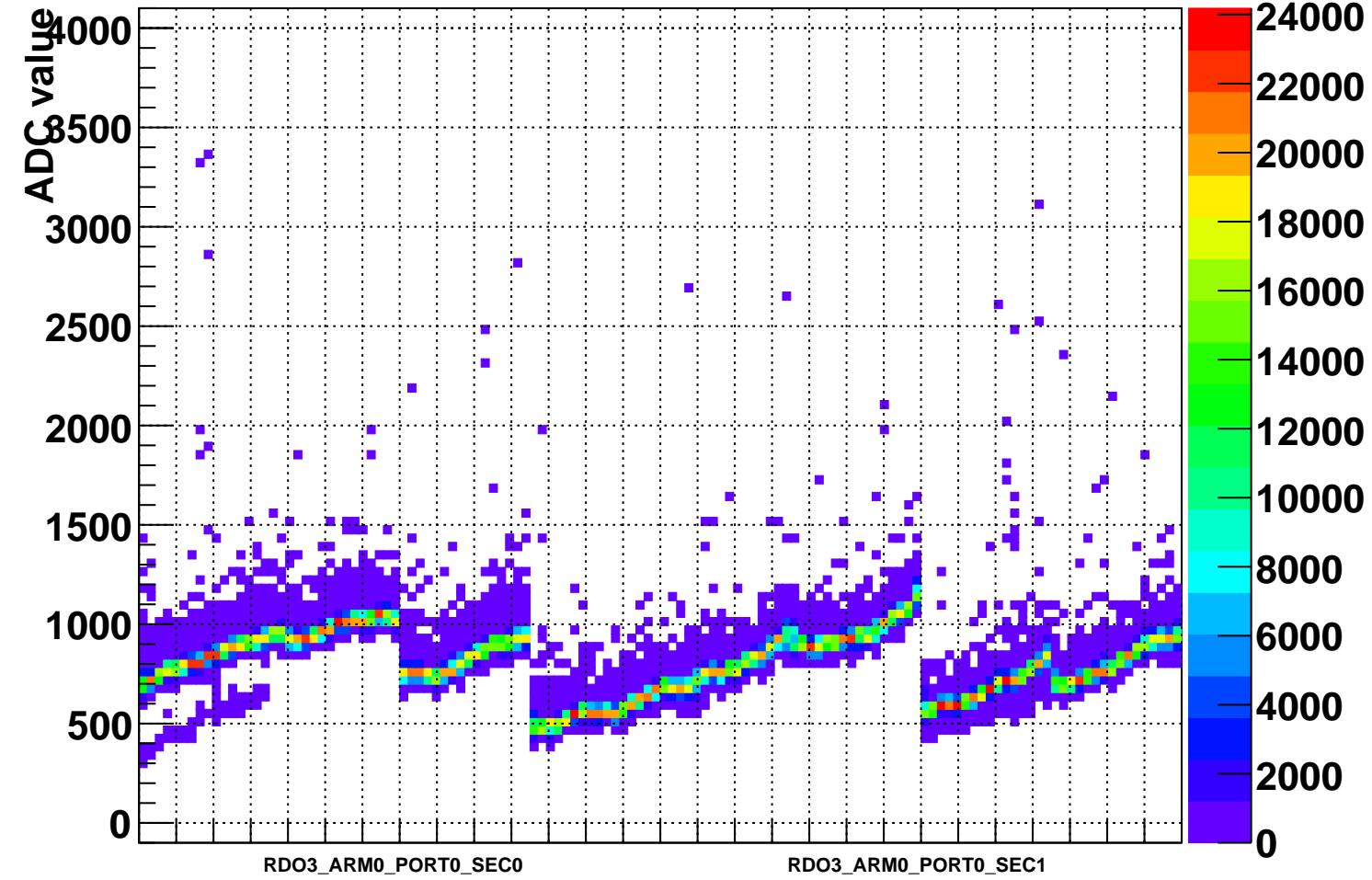
FST - ADC vs Channel Id: Disk1 Module11



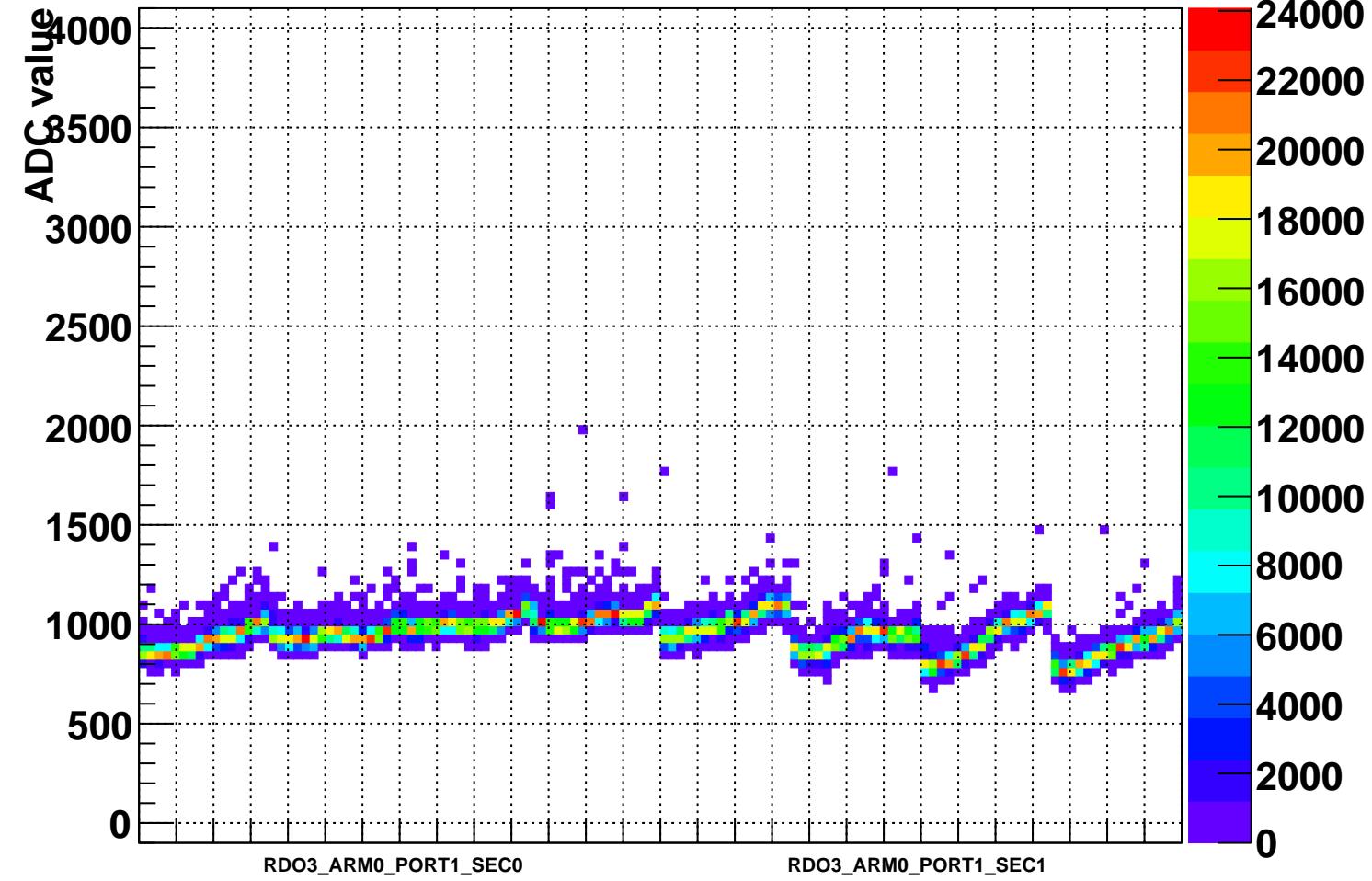
FST - ADC vs Channel Id: Disk1 Module12



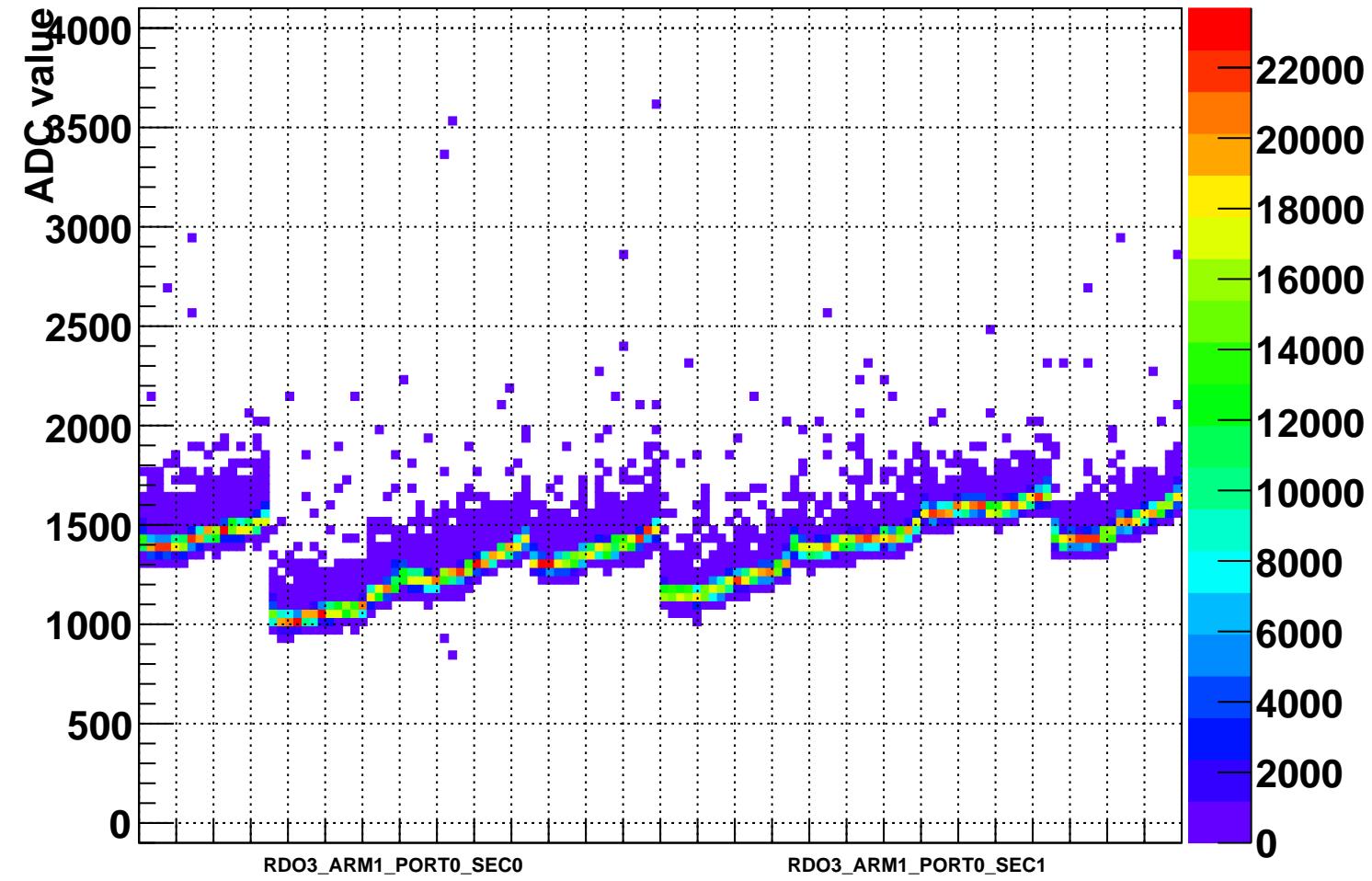
FST - ADC vs Channel Id: Disk2 Module1



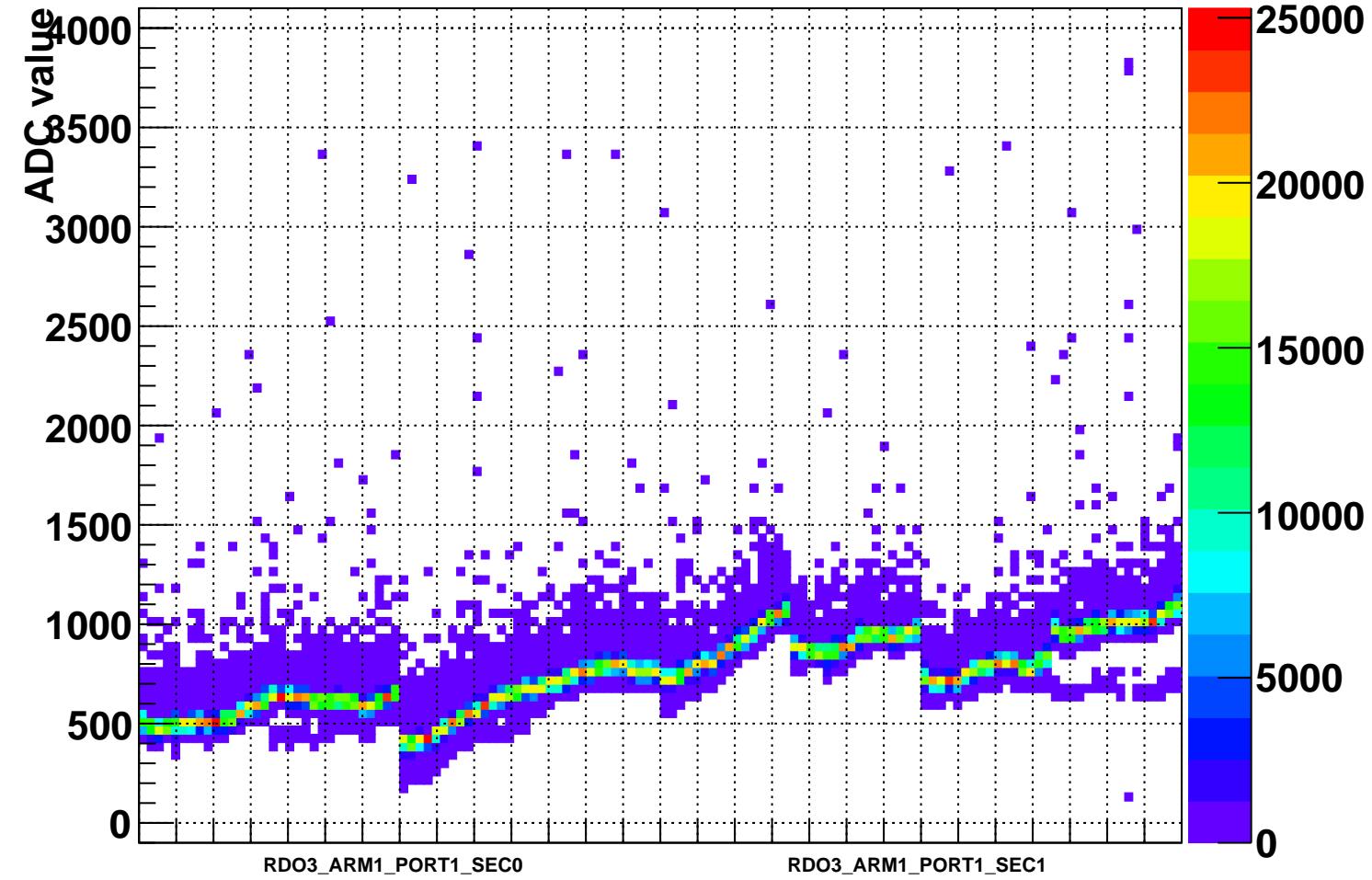
FST - ADC vs Channel Id: Disk2 Module2



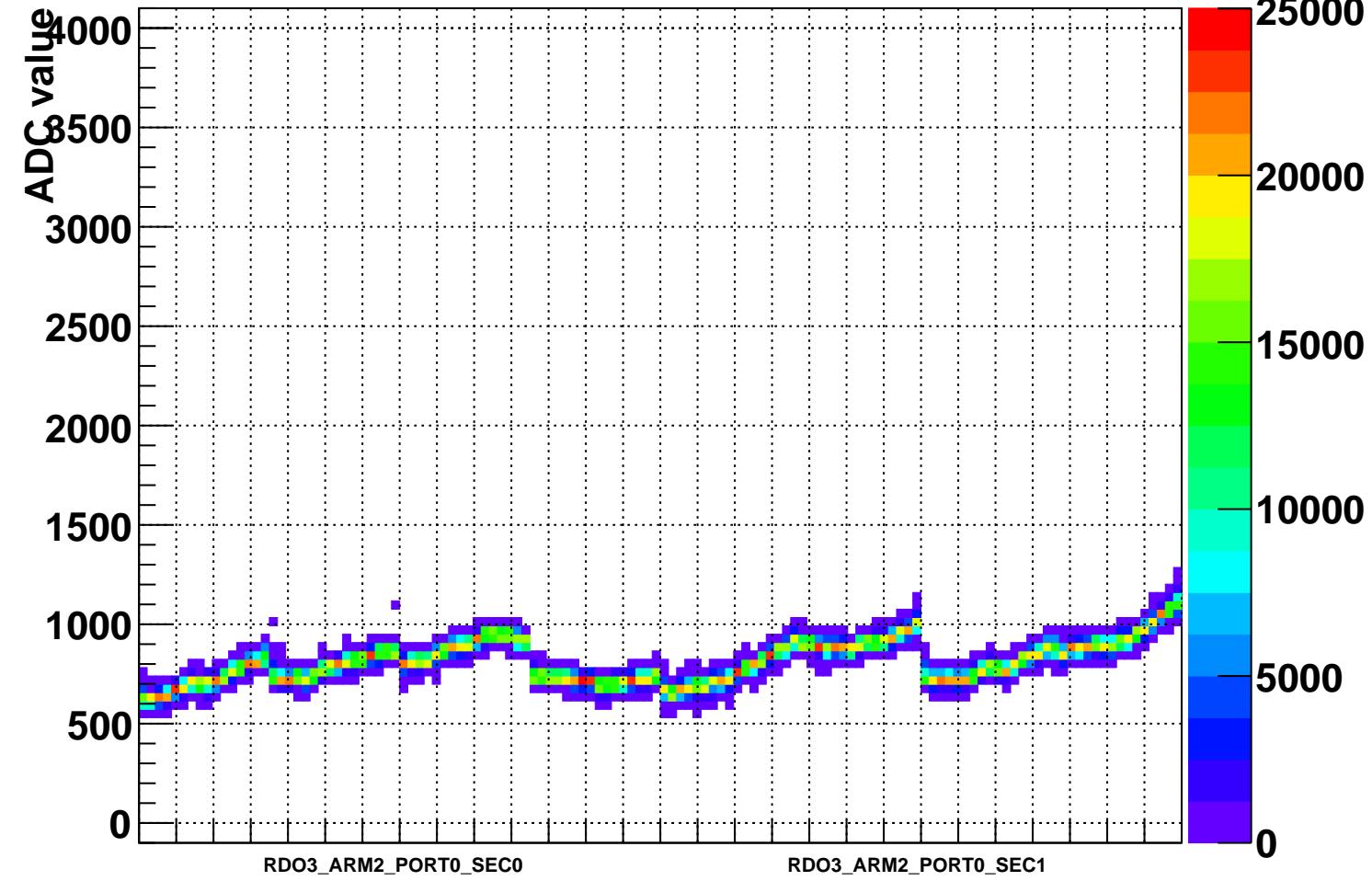
FST - ADC vs Channel Id: Disk2 Module3



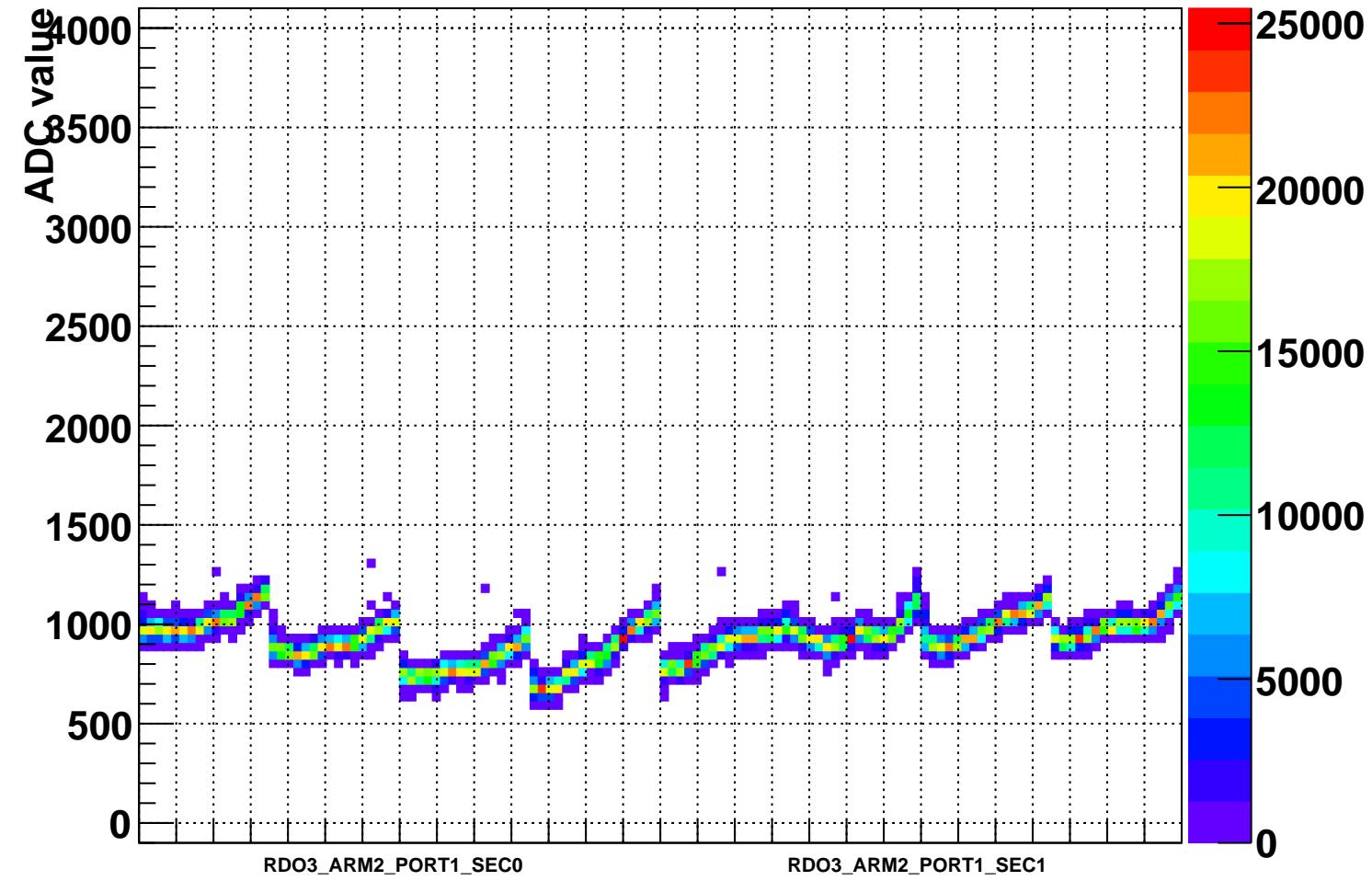
FST - ADC vs Channel Id: Disk2 Module4



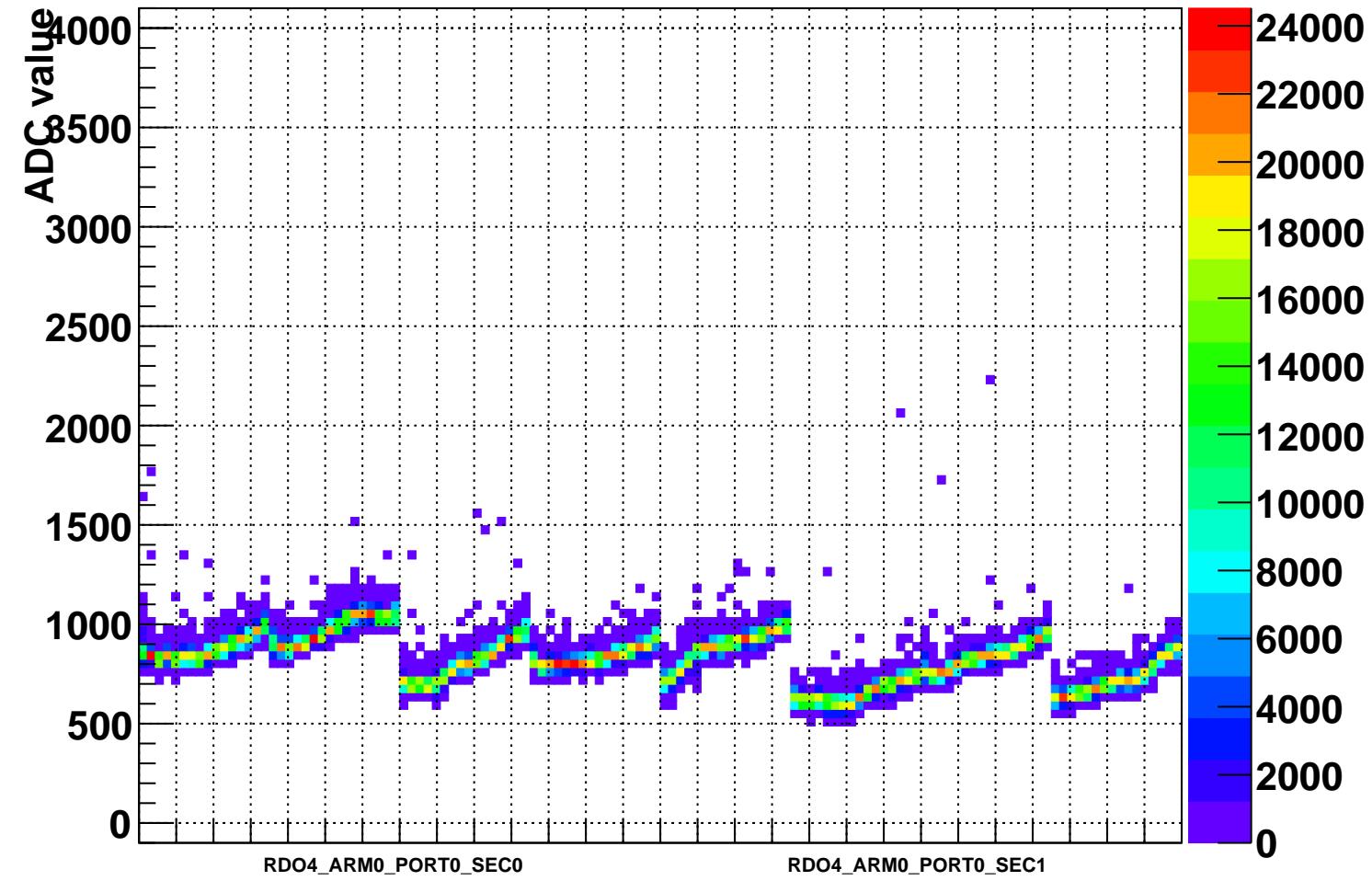
FST - ADC vs Channel Id: Disk2 Module5



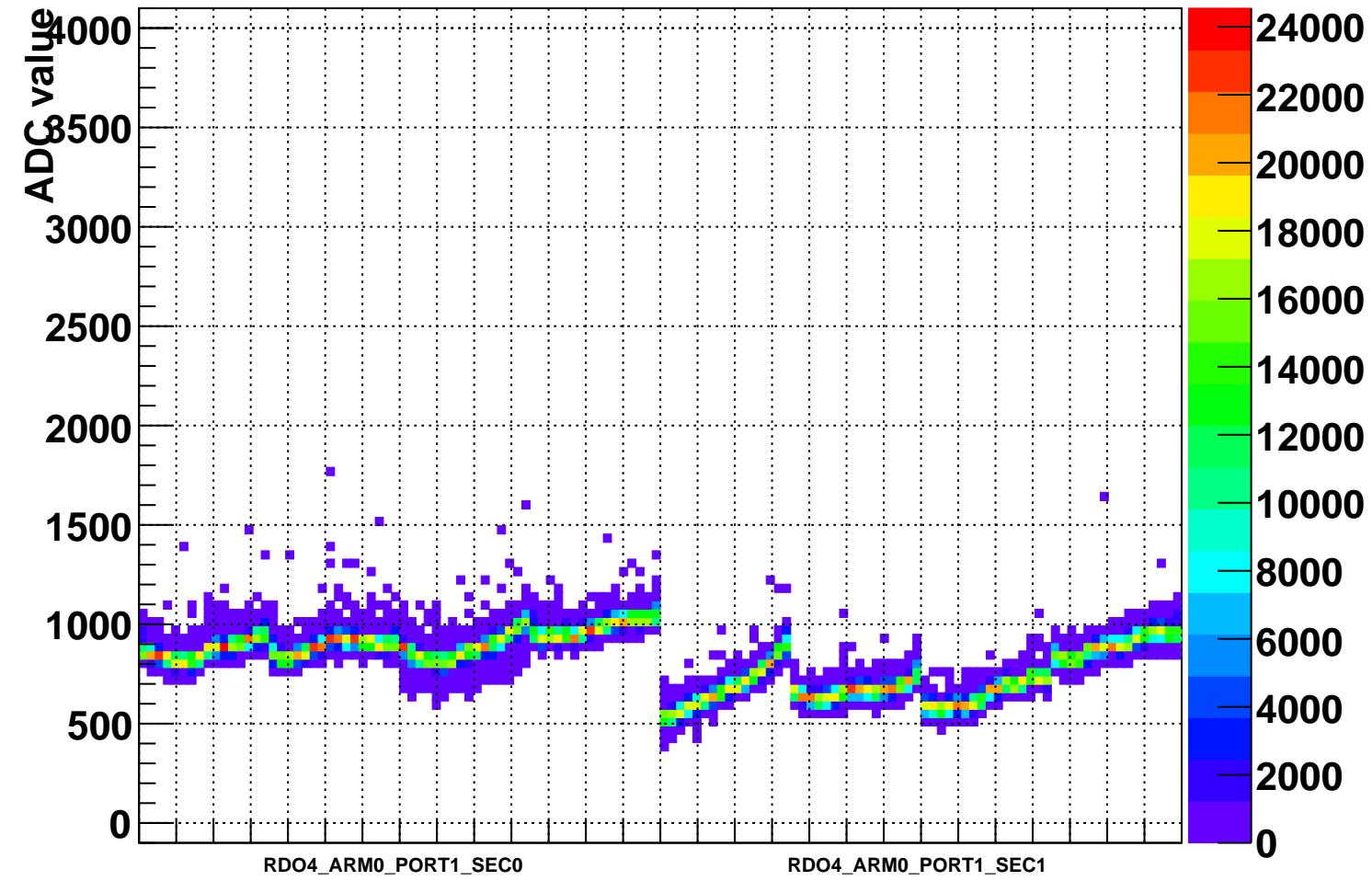
FST - ADC vs Channel Id: Disk2 Module6



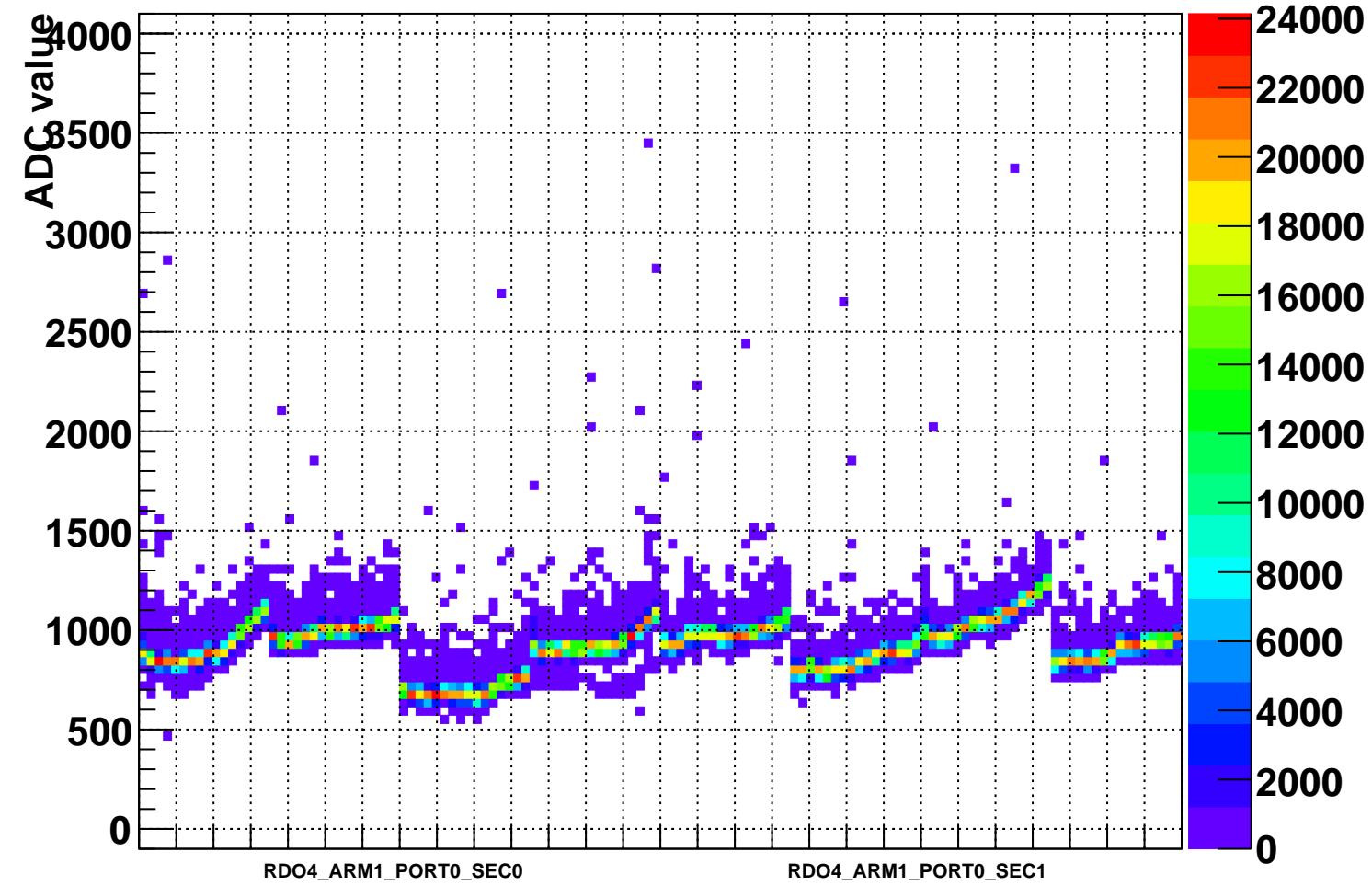
FST - ADC vs Channel Id: Disk2 Module7



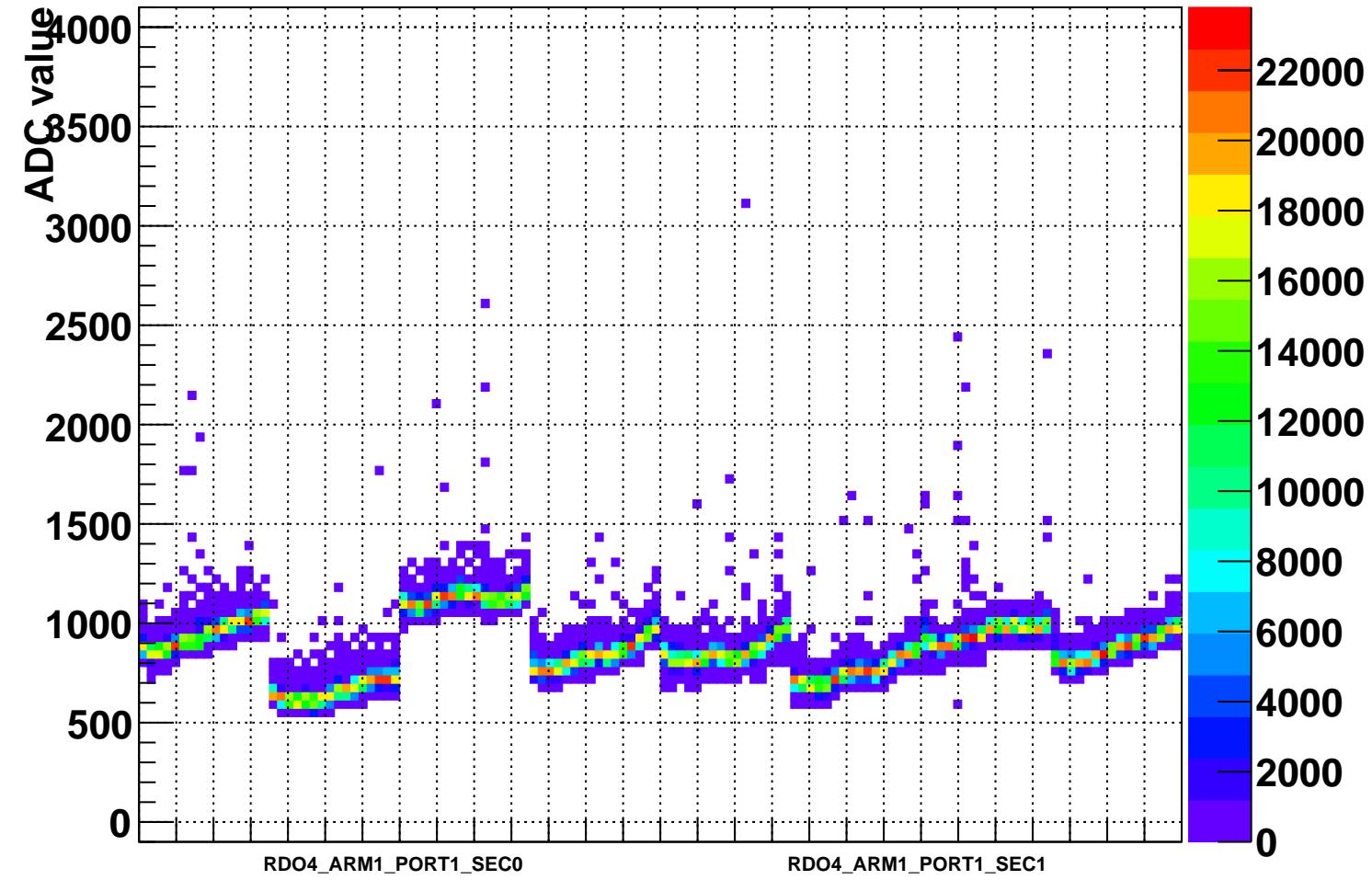
FST - ADC vs Channel Id: Disk2 Module8



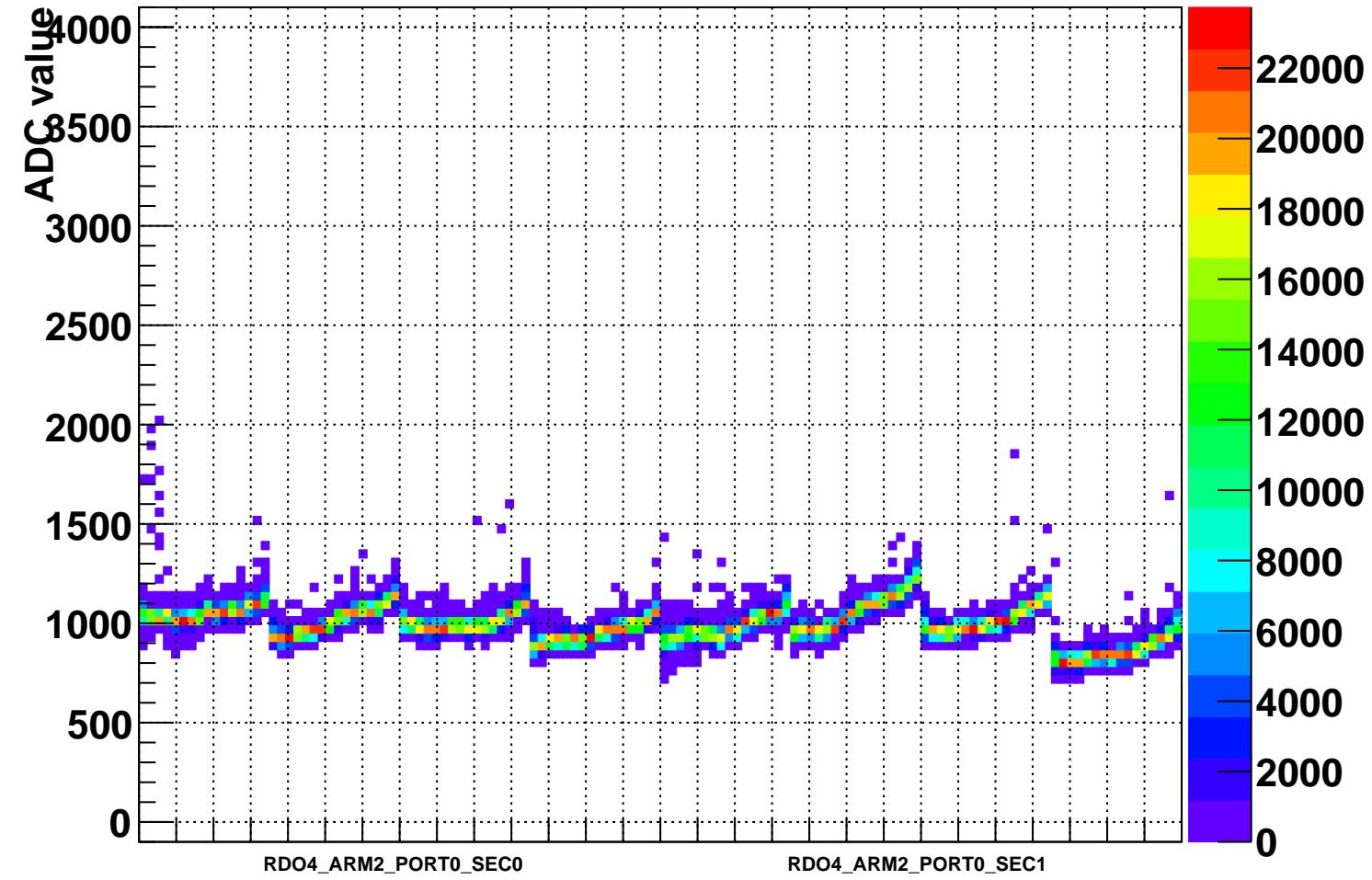
FST - ADC vs Channel Id: Disk2 Module9



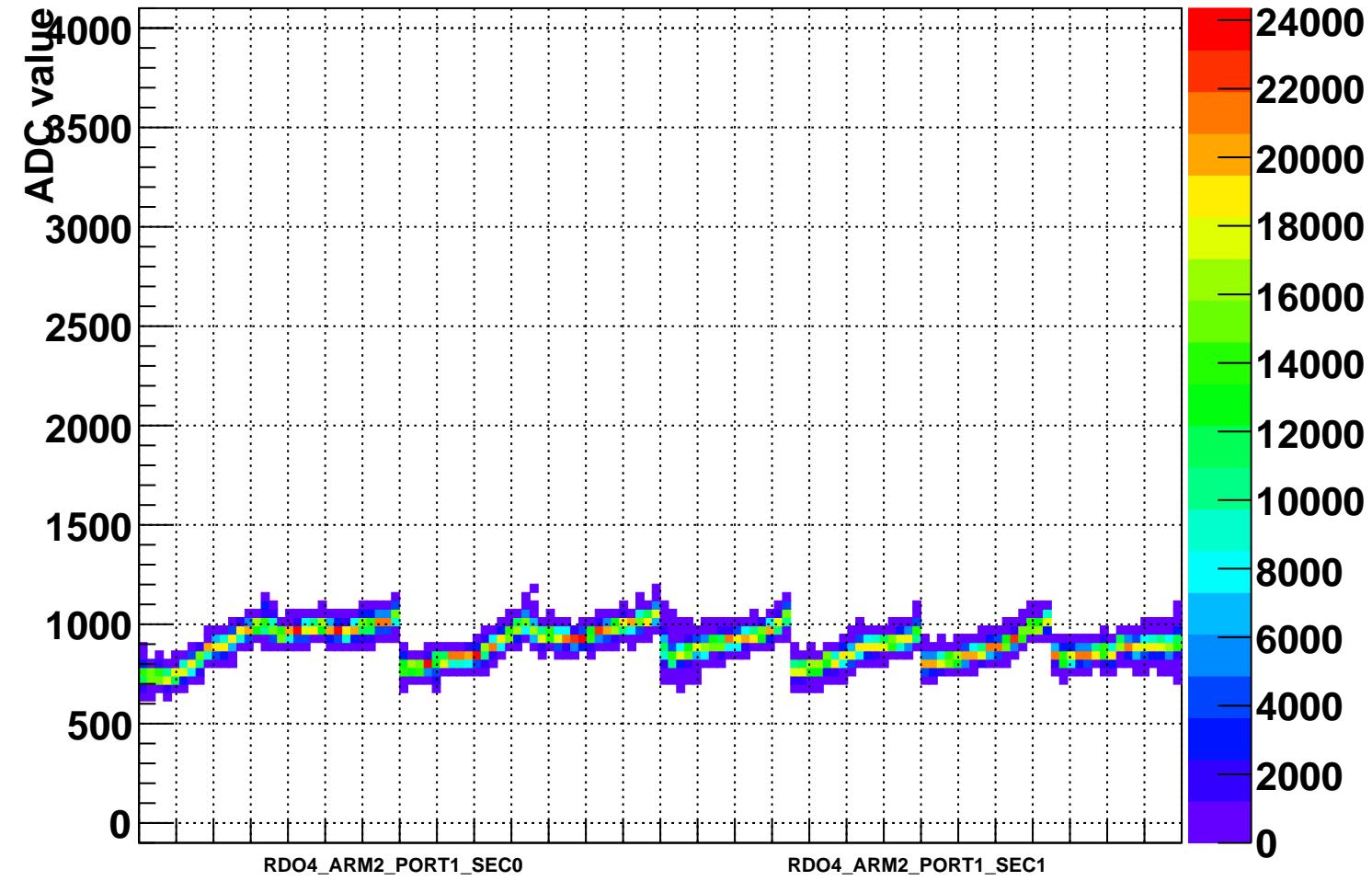
FST - ADC vs Channel Id: Disk2 Module10



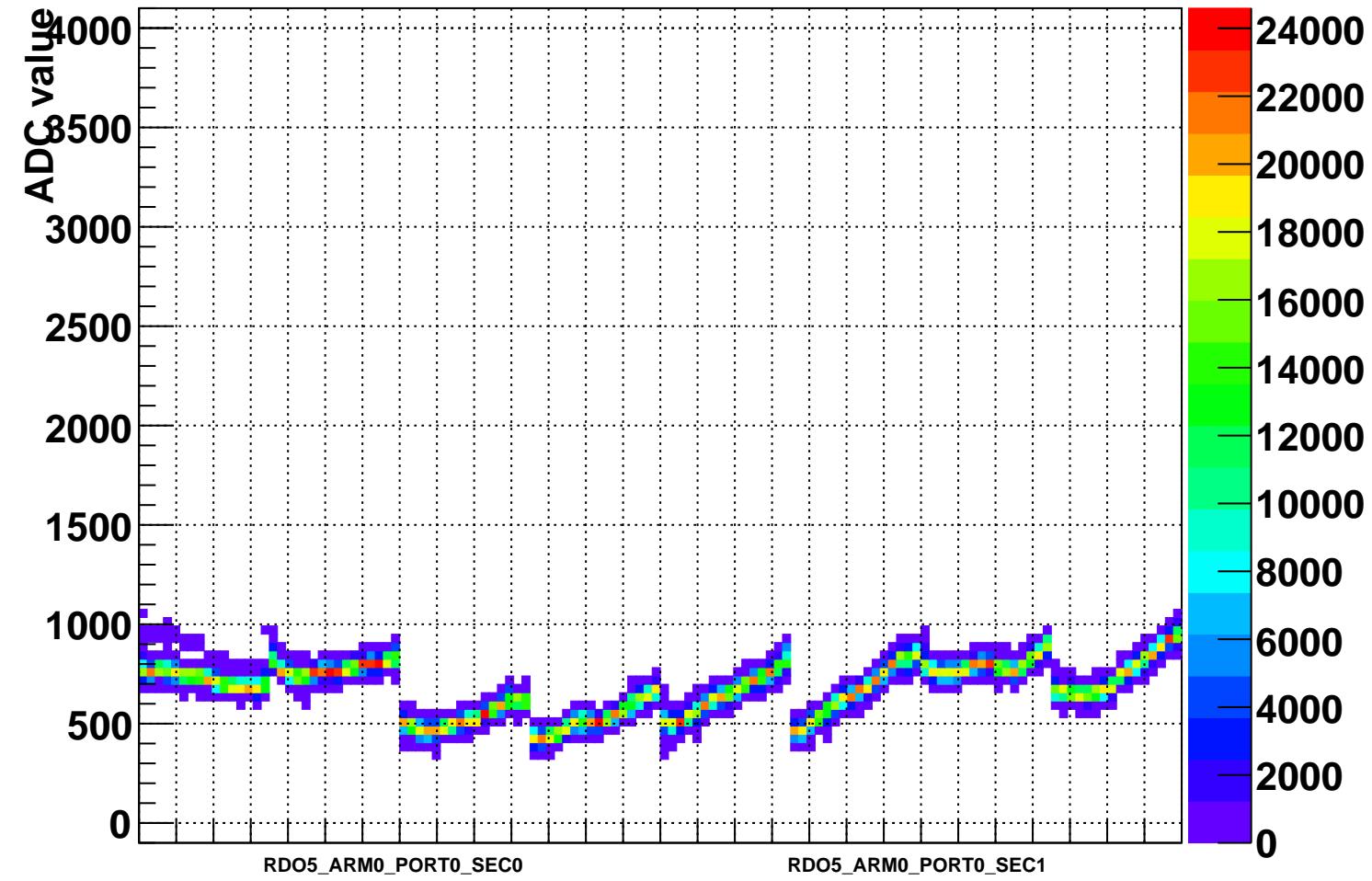
FST - ADC vs Channel Id: Disk2 Module11



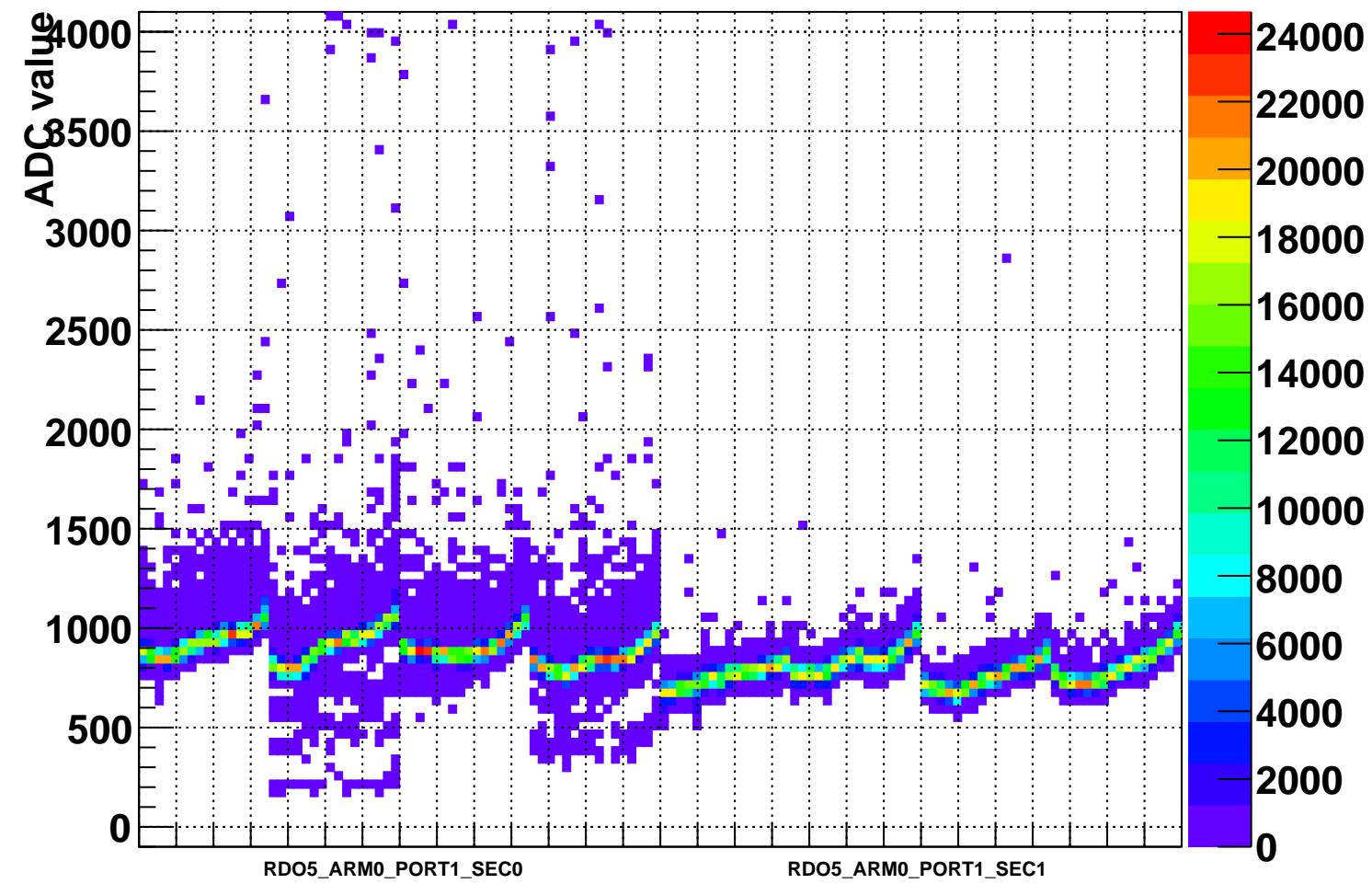
FST - ADC vs Channel Id: Disk2 Module12



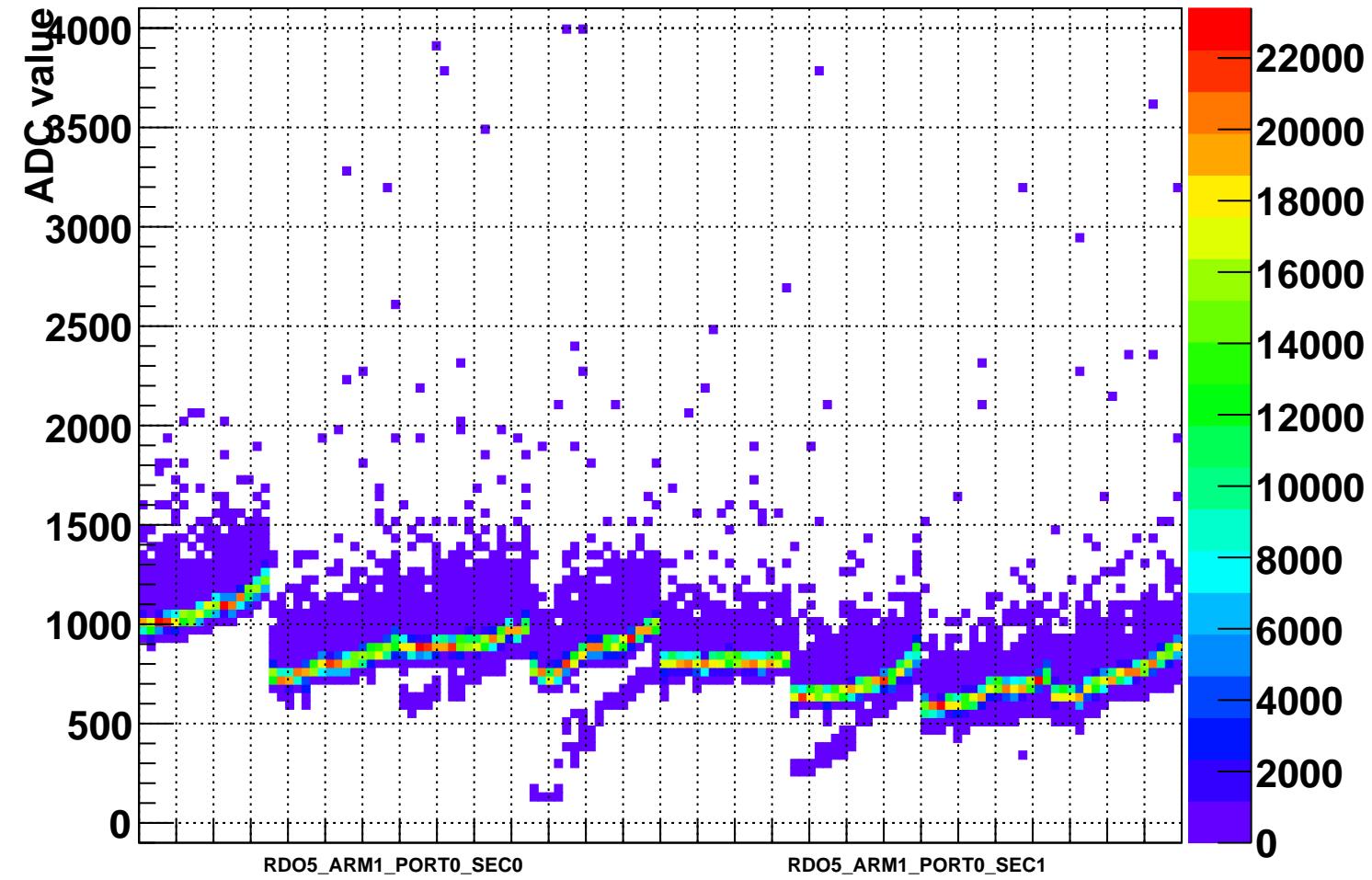
FST - ADC vs Channel Id: Disk3 Module1



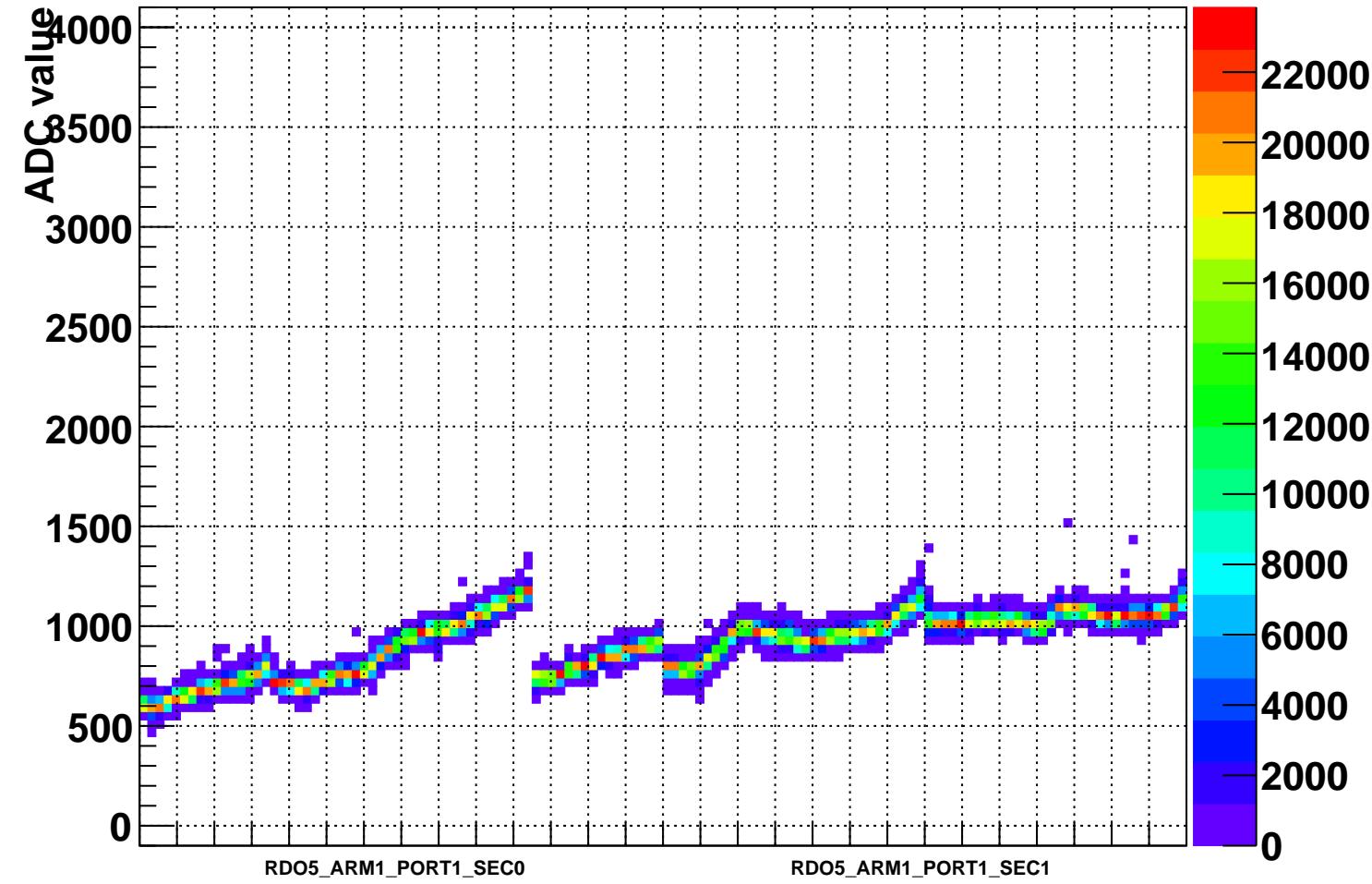
FST - ADC vs Channel Id: Disk3 Module2



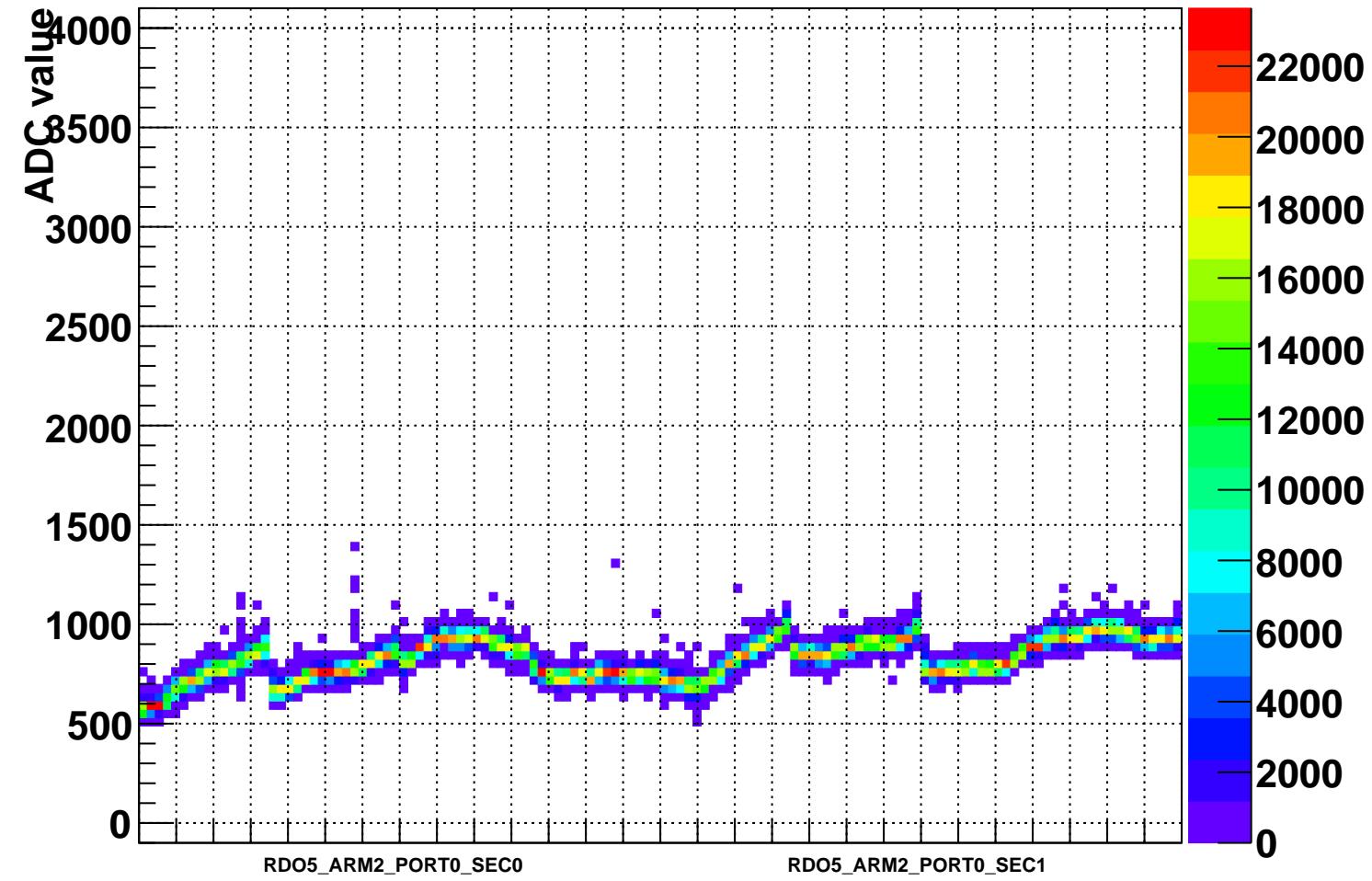
FST - ADC vs Channel Id: Disk3 Module3



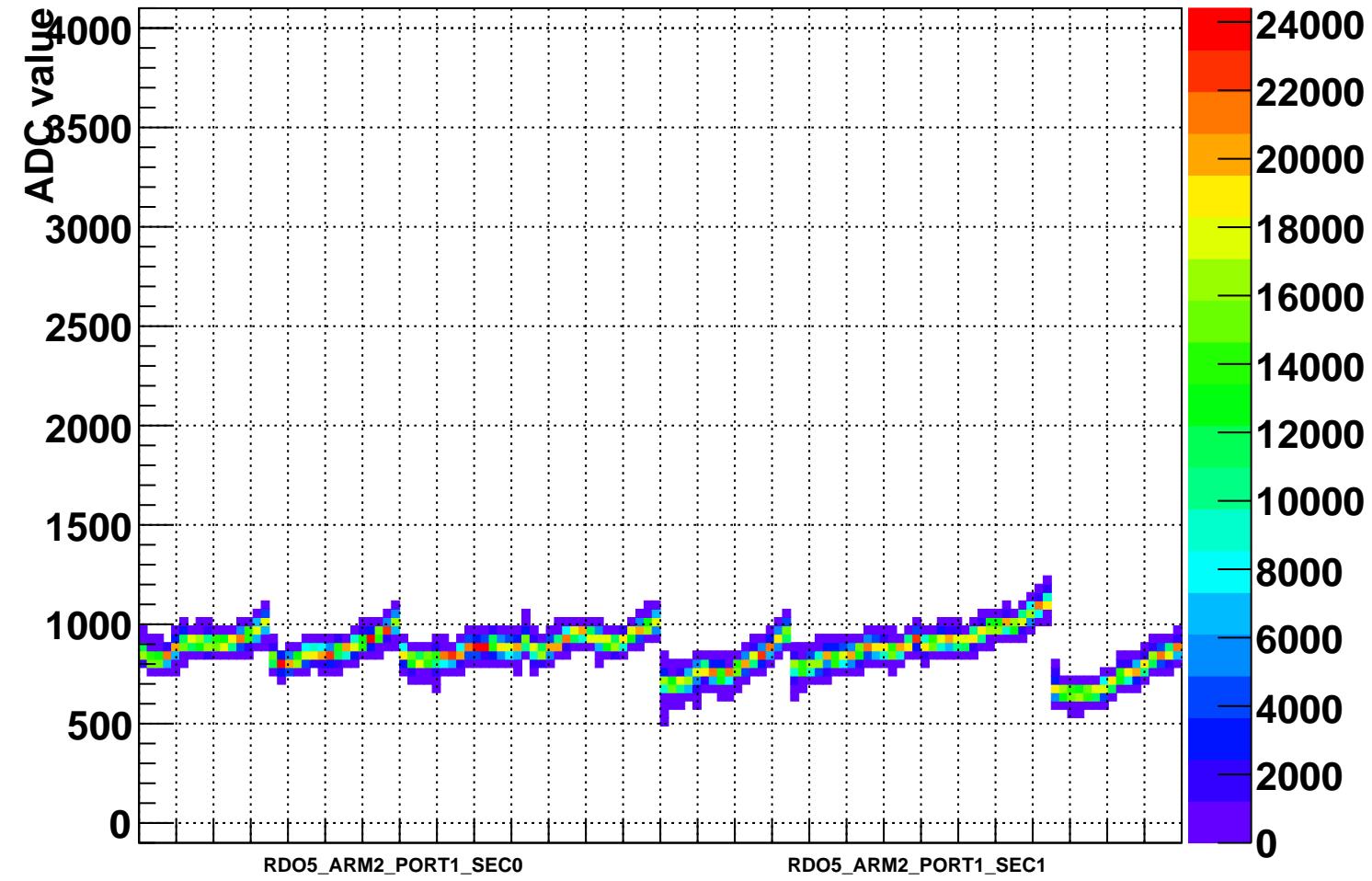
FST - ADC vs Channel Id: Disk3 Module4



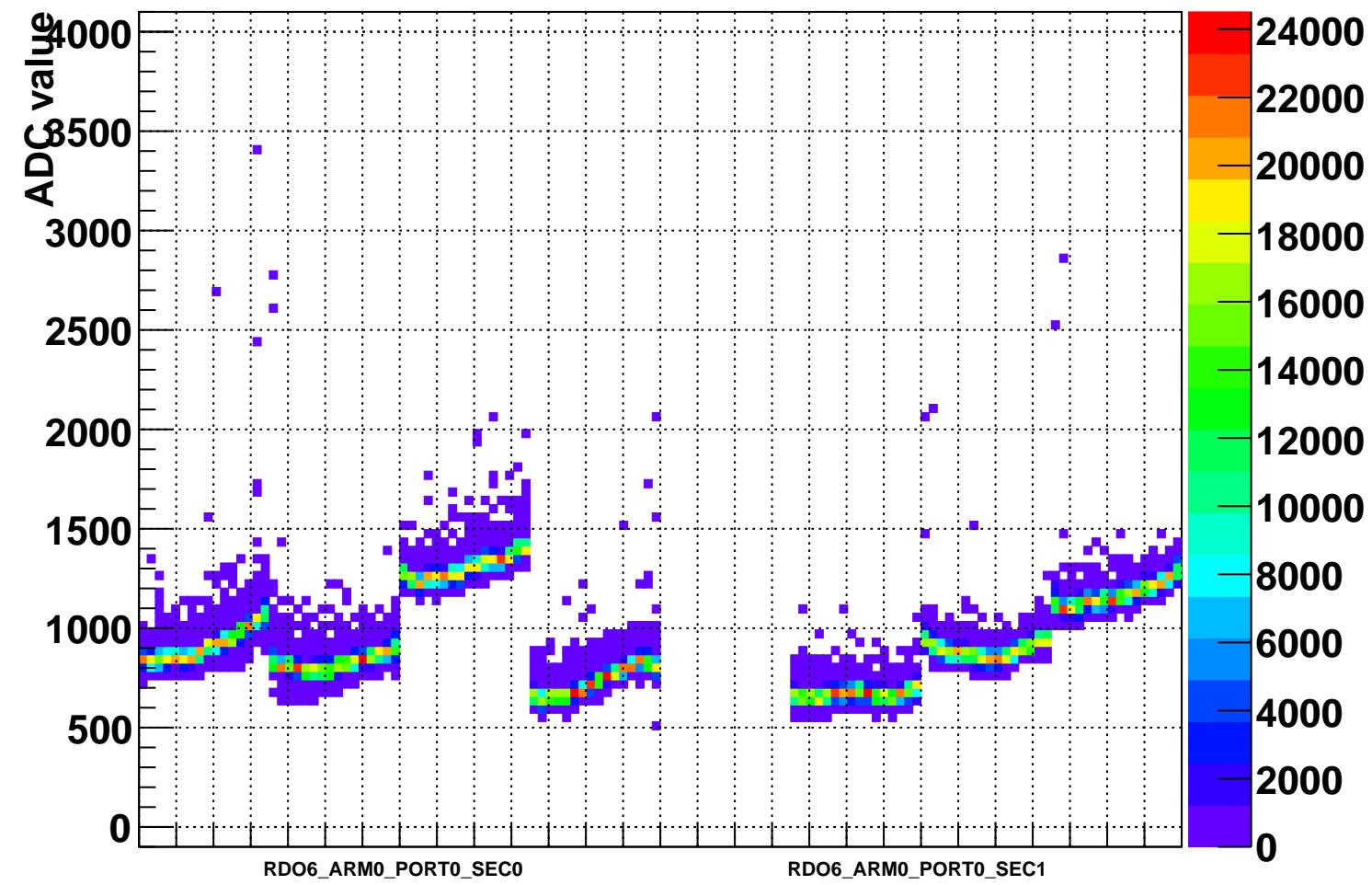
FST - ADC vs Channel Id: Disk3 Module5



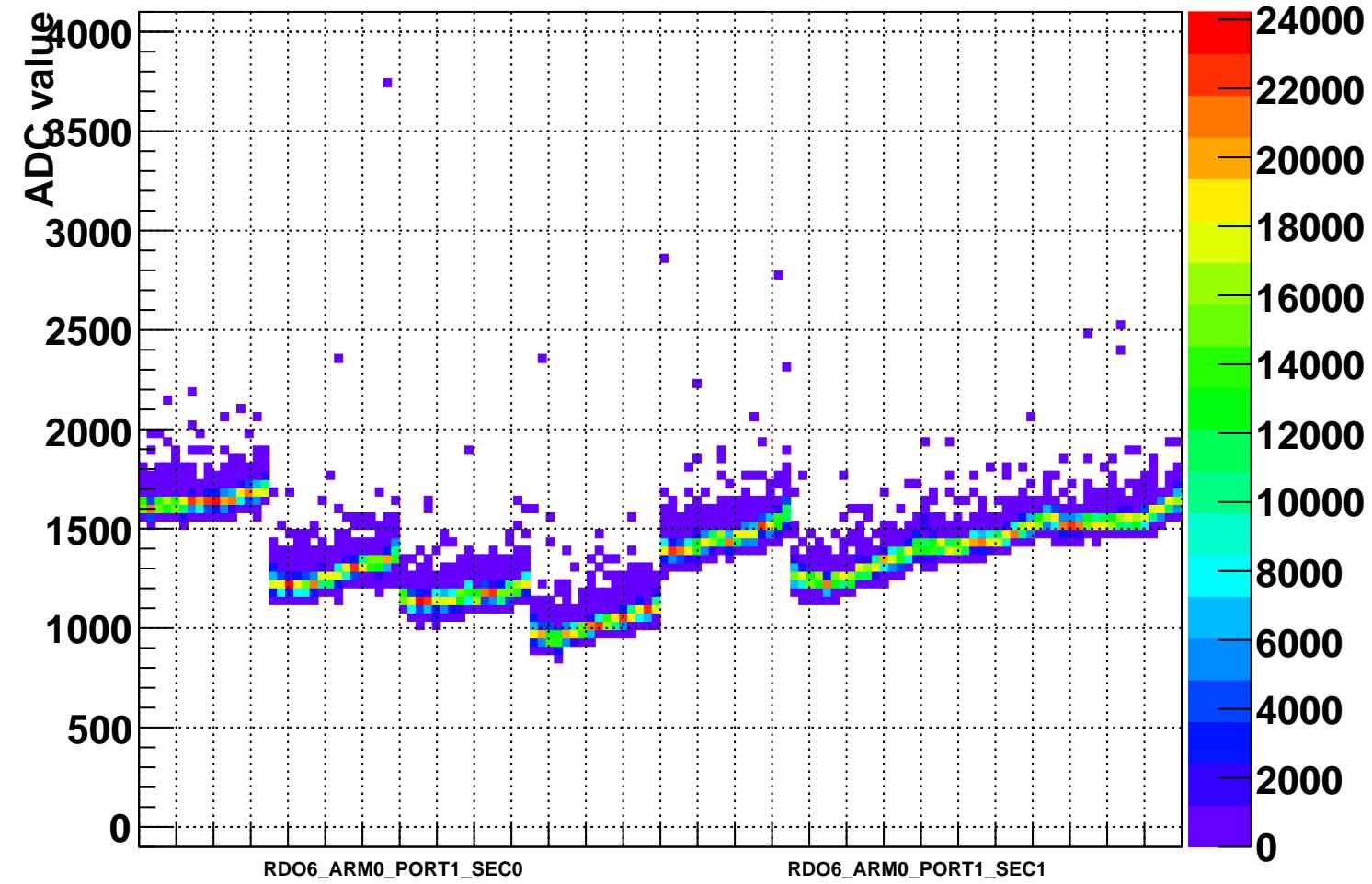
FST - ADC vs Channel Id: Disk3 Module6



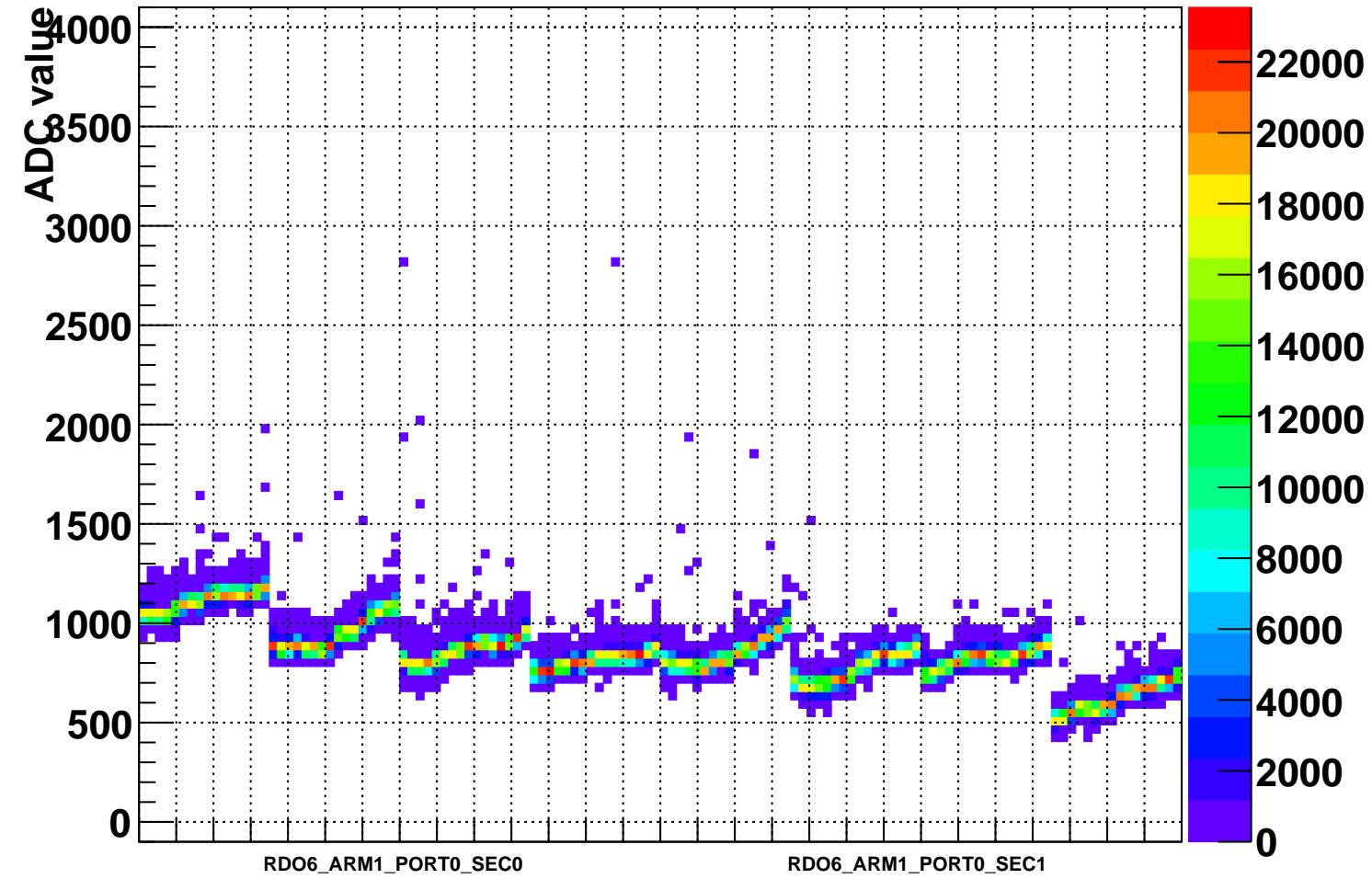
FST - ADC vs Channel Id: Disk3 Module7



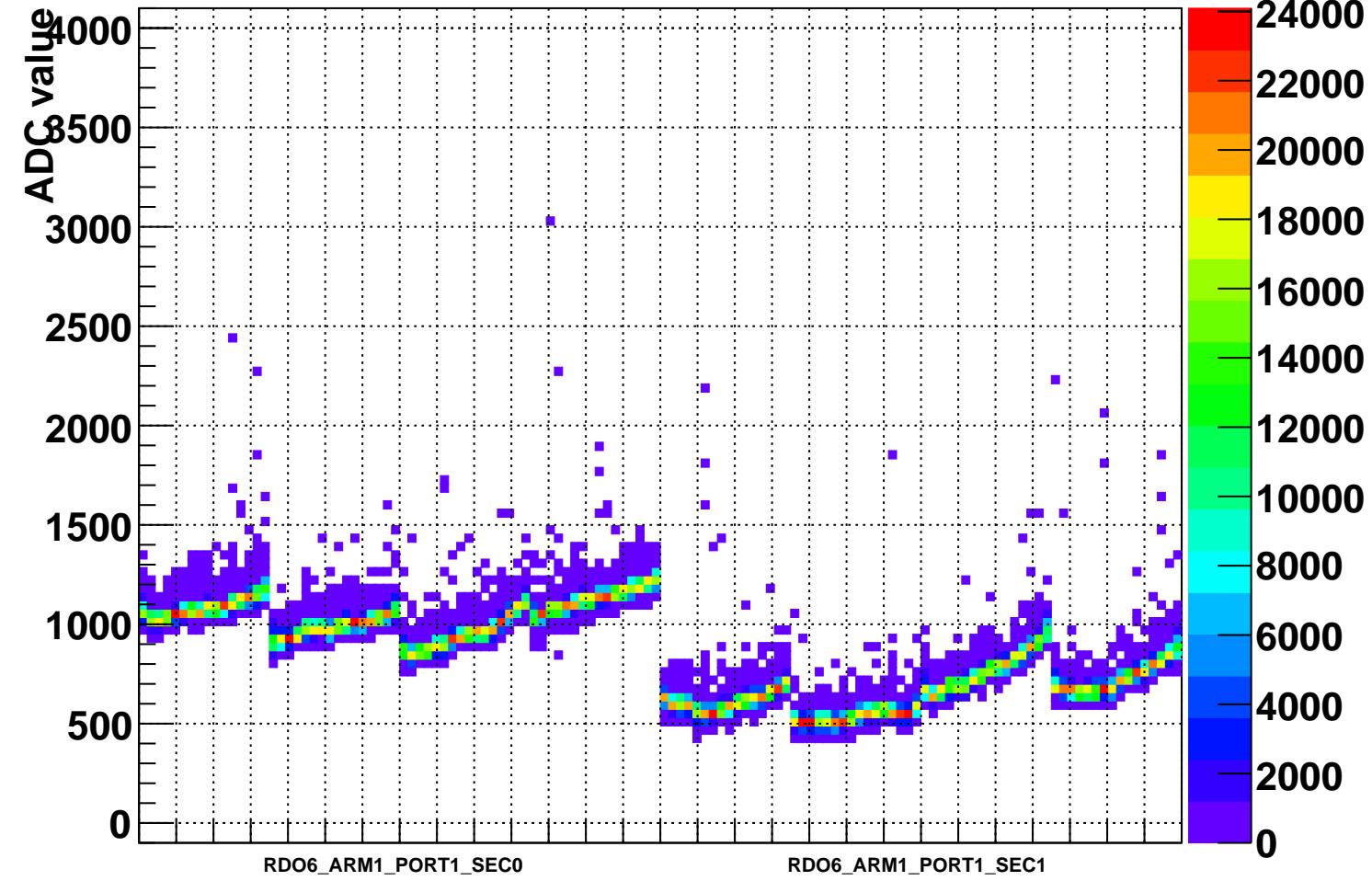
FST - ADC vs Channel Id: Disk3 Module8



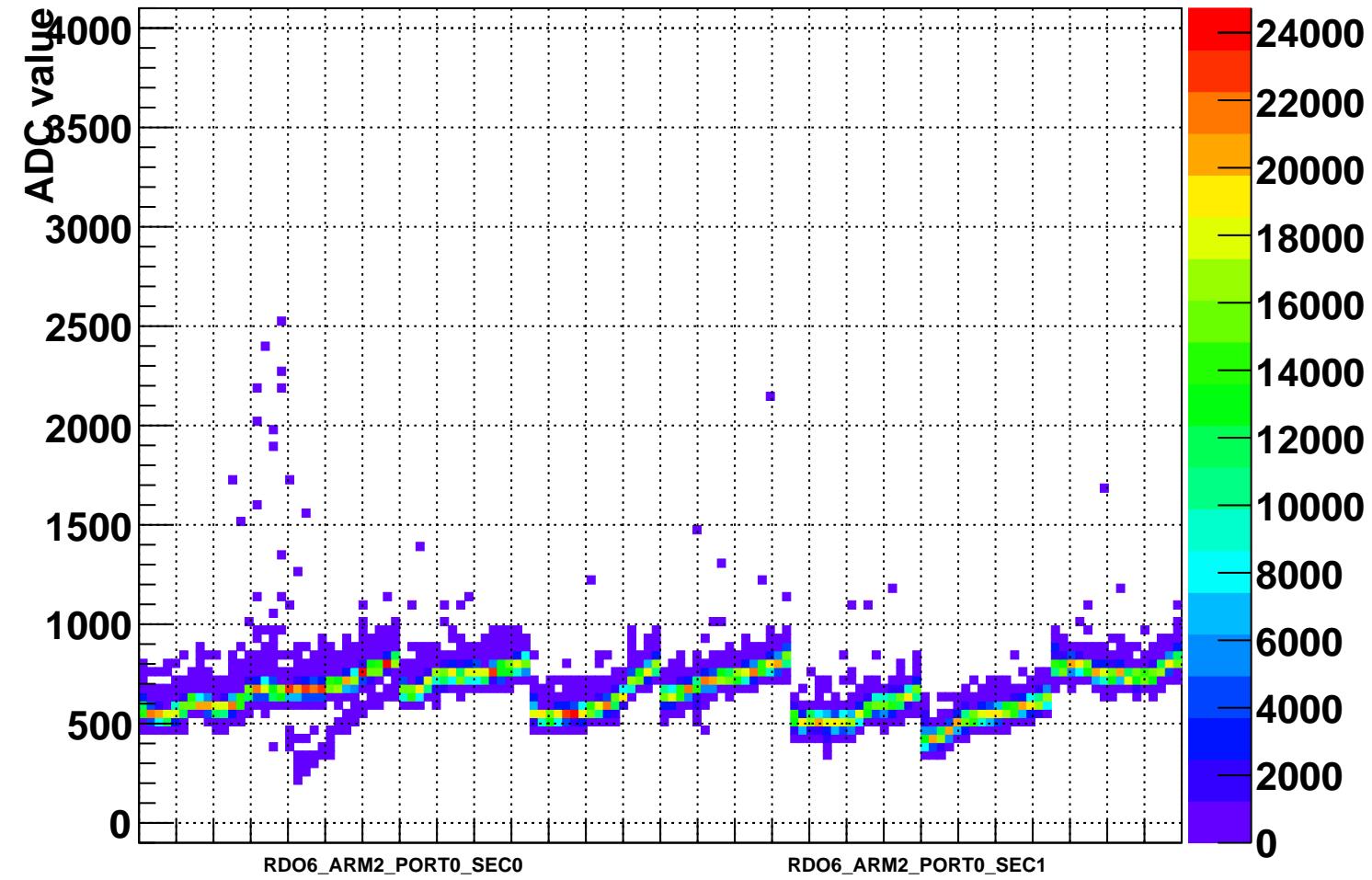
FST - ADC vs Channel Id: Disk3 Module9



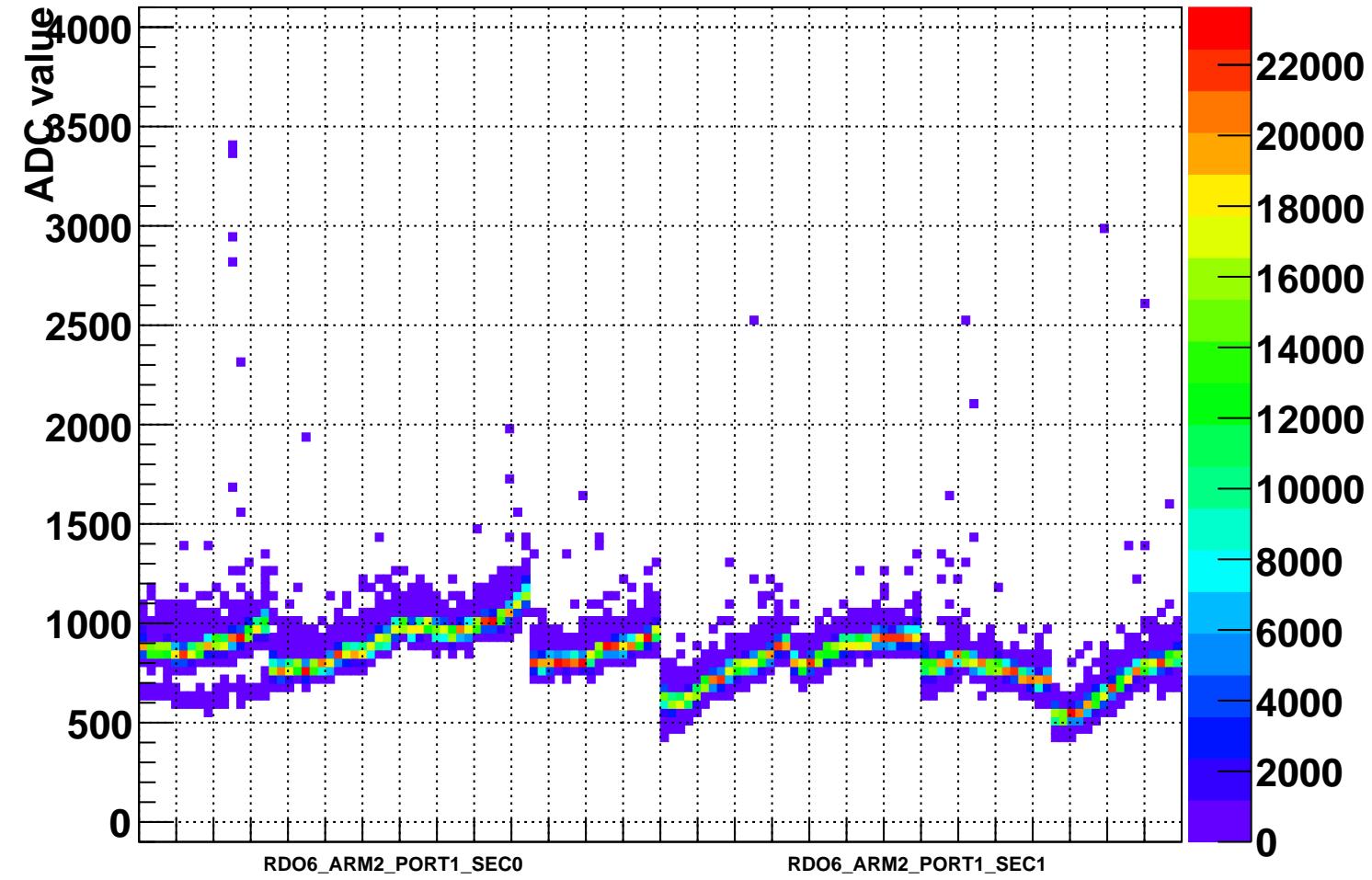
FST - ADC vs Channel Id: Disk3 Module10



FST - ADC vs Channel Id: Disk3 Module11



FST - ADC vs Channel Id: Disk3 Module12



FST - Hit Multiplicity: Disk1 Module1

HitMult_Disk1_Module1

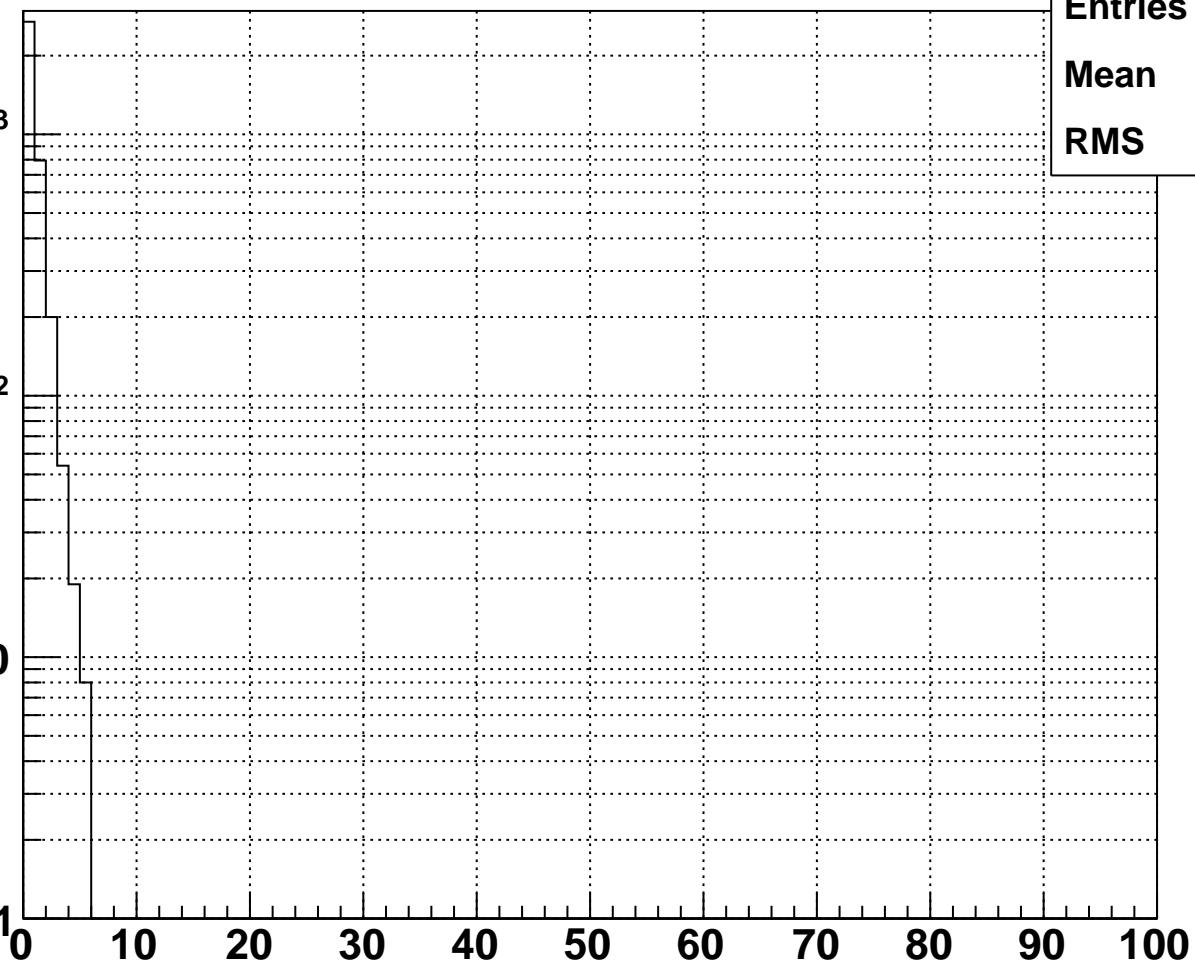
Counts

10^3

10^2

10^1

1^0



Entries 3775
Mean 0.3987
RMS 0.7756

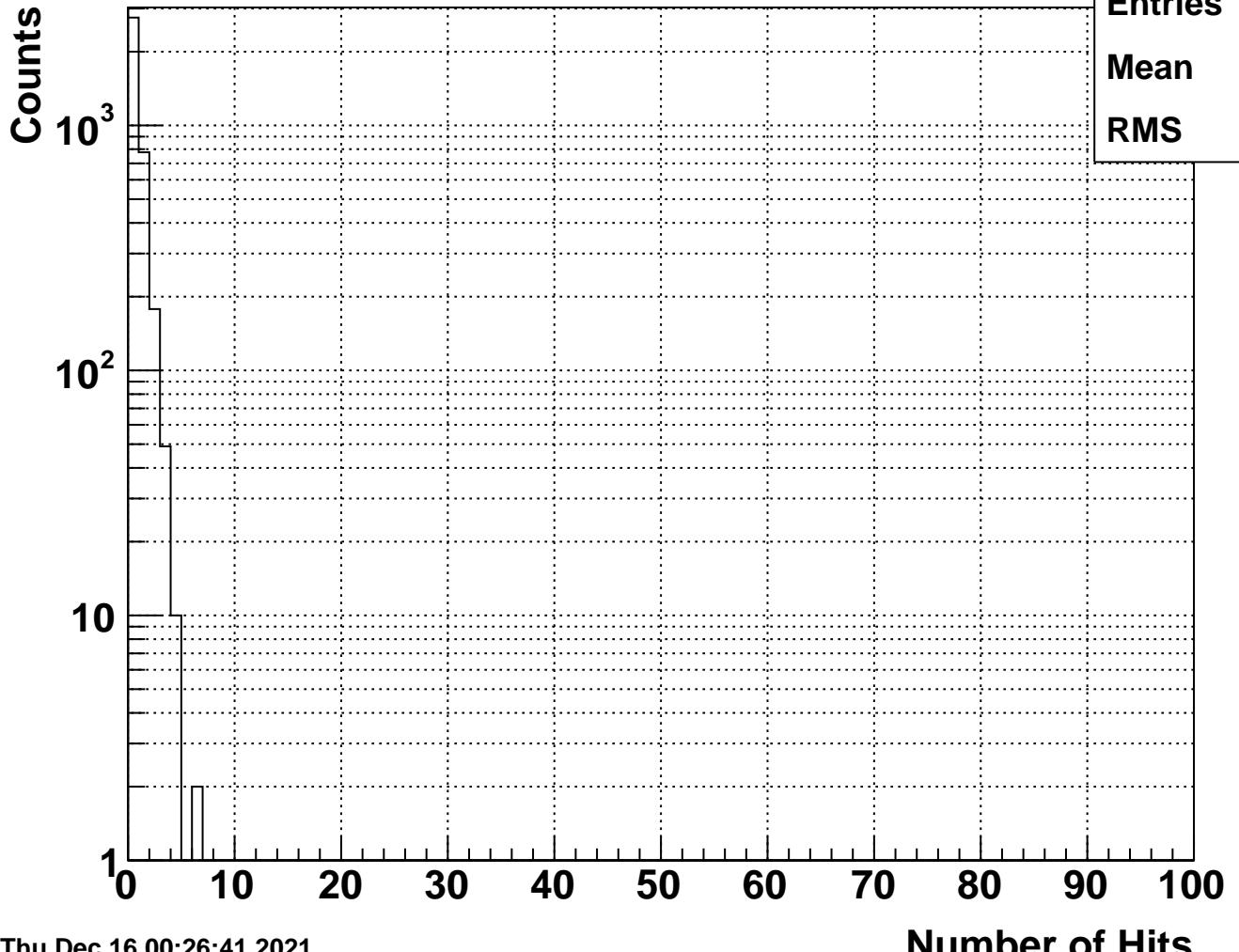
FST - Hit Multiplicity: Disk1 Module2

HitMult_Disk1_Module2

Entries 3775

Mean 0.3605

RMS 0.7076



FST - Hit Multiplicity: Disk1 Module3

HitMult_Disk1_Module3

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3775
Mean 0.4368
RMS 0.8014

FST - Hit Multiplicity: Disk1 Module4

HitMult_Disk1_Module4

Counts

10^3

10^2

10

1

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3775

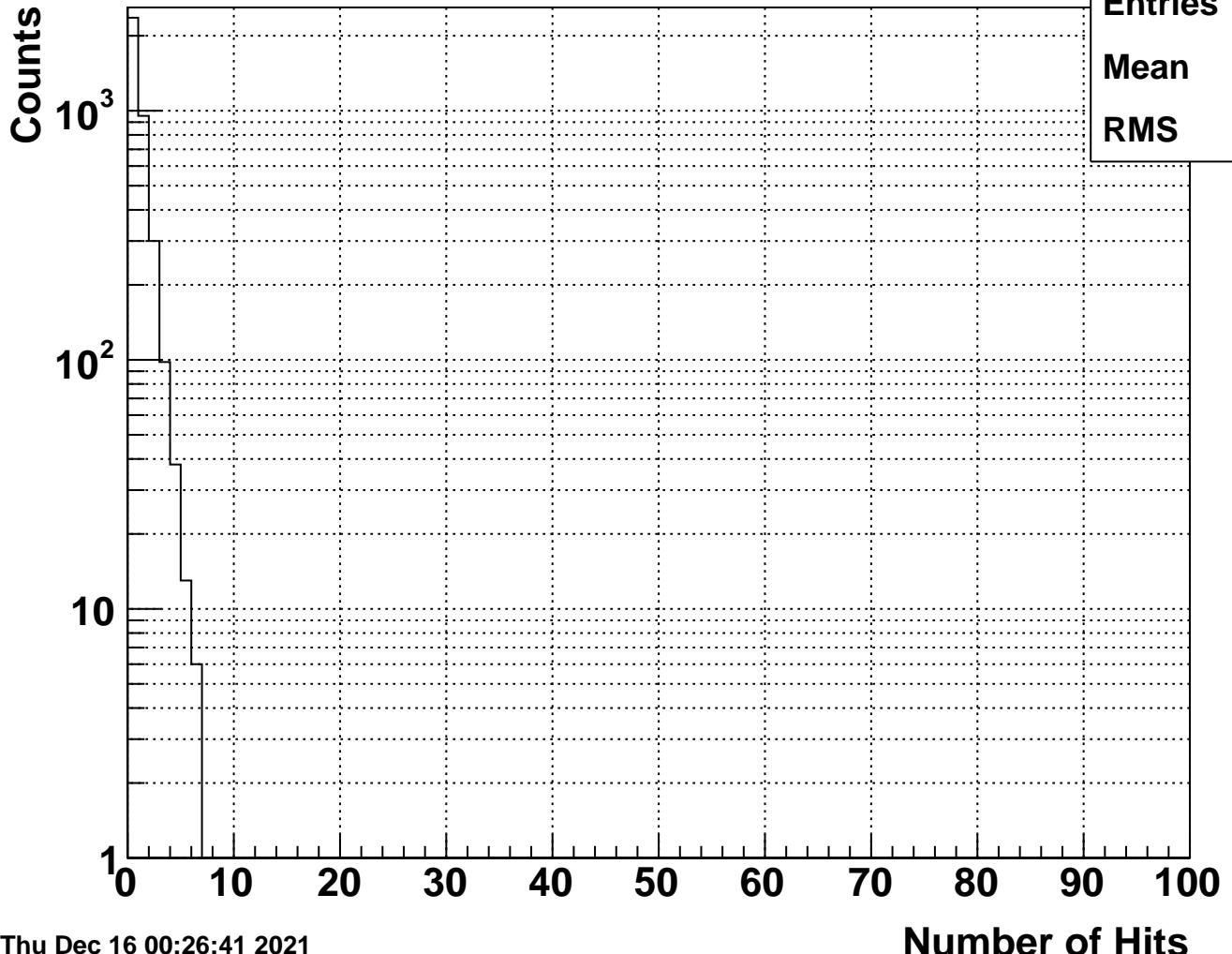
Mean 0.6411

RMS 0.9812

FST - Hit Multiplicity: Disk1 Module5

HitMult_Disk1_Module5

Entries 3775
Mean 0.5632
RMS 0.9208



FST - Hit Multiplicity: Disk1 Module6

HitMult_Disk1_Module6

Entries 3775

Mean 0.1809

RMS 0.5207

Counts

10³

10²

10

1

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

FST - Hit Multiplicity: Disk1 Module7

HitMult_Disk1_Module7

Counts

10³

10²

10

1

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3775
Mean 0.369
RMS 0.72

FST - Hit Multiplicity: Disk1 Module8

HitMult_Disk1_Module8

Counts

10^3

10^2

10

1

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3775

Mean 0.3754

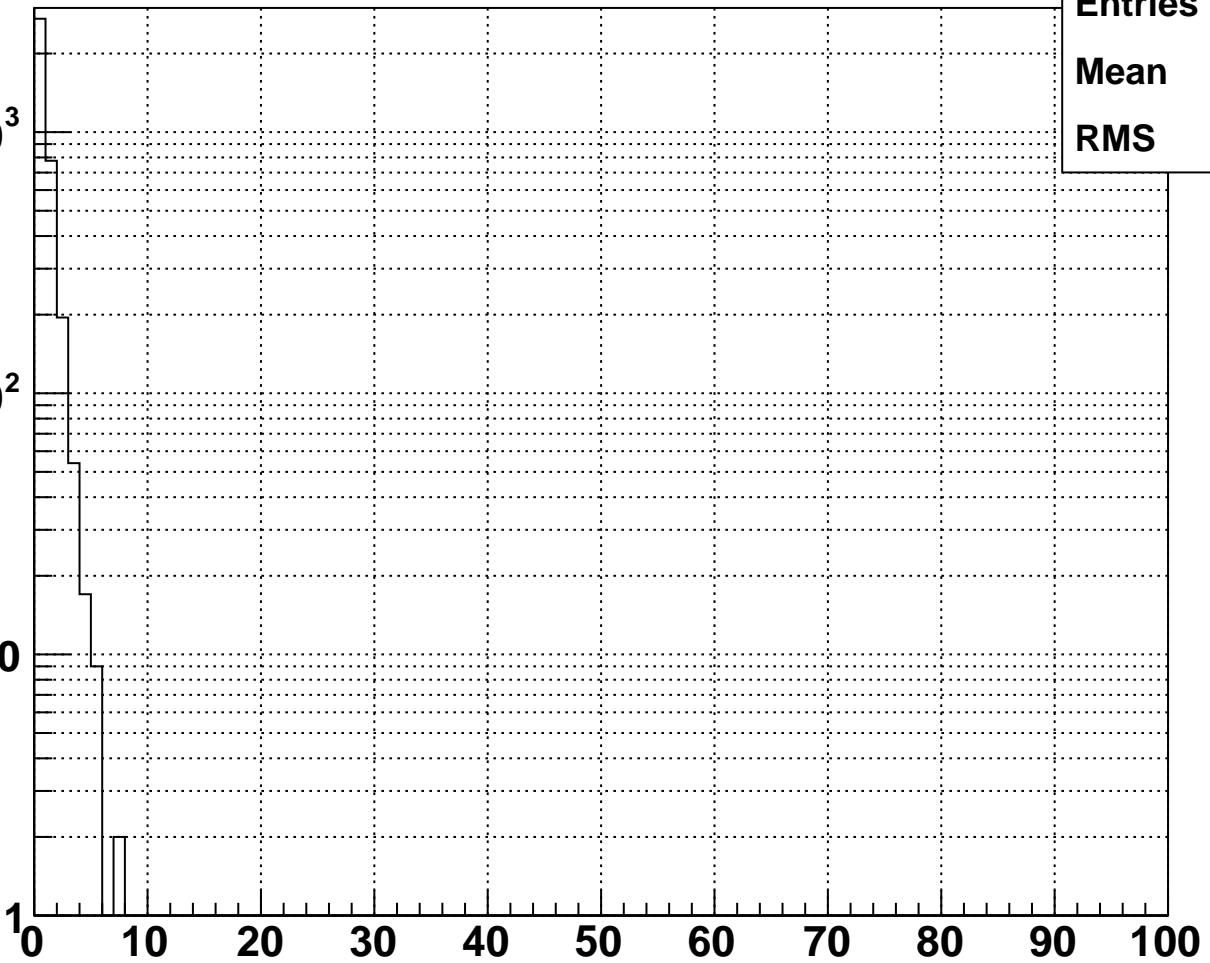
RMS 0.7097

FST - Hit Multiplicity: Disk1 Module9

HitMult_Disk1_Module9

Counts

10³
10²
10
1



Entries 3775
Mean 0.3918
RMS 0.7702

FST - Hit Multiplicity: Disk1 Module10

HitMult_Disk1_Module10

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3775

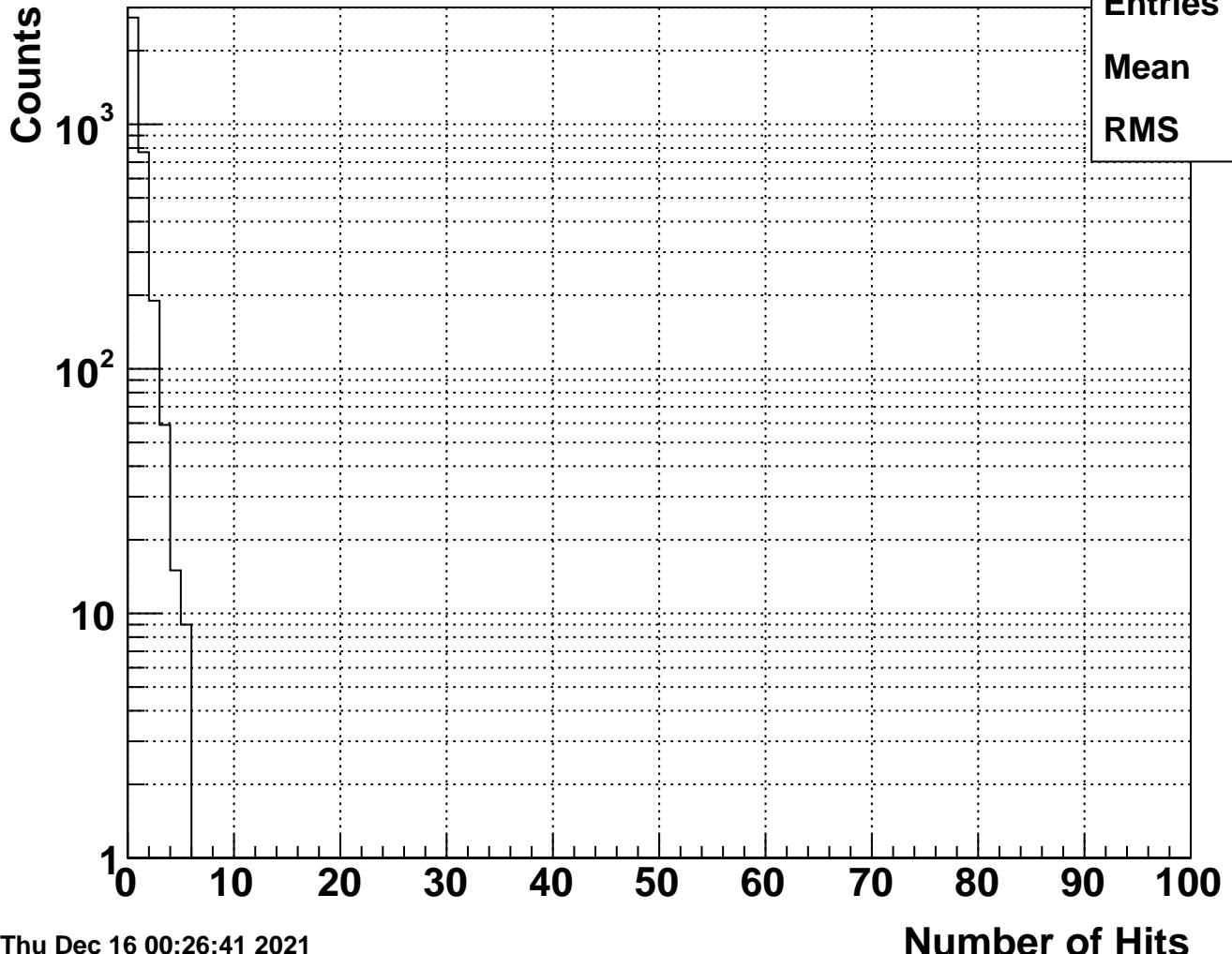
Mean 0.4318

RMS 0.9051

FST - Hit Multiplicity: Disk1 Module11

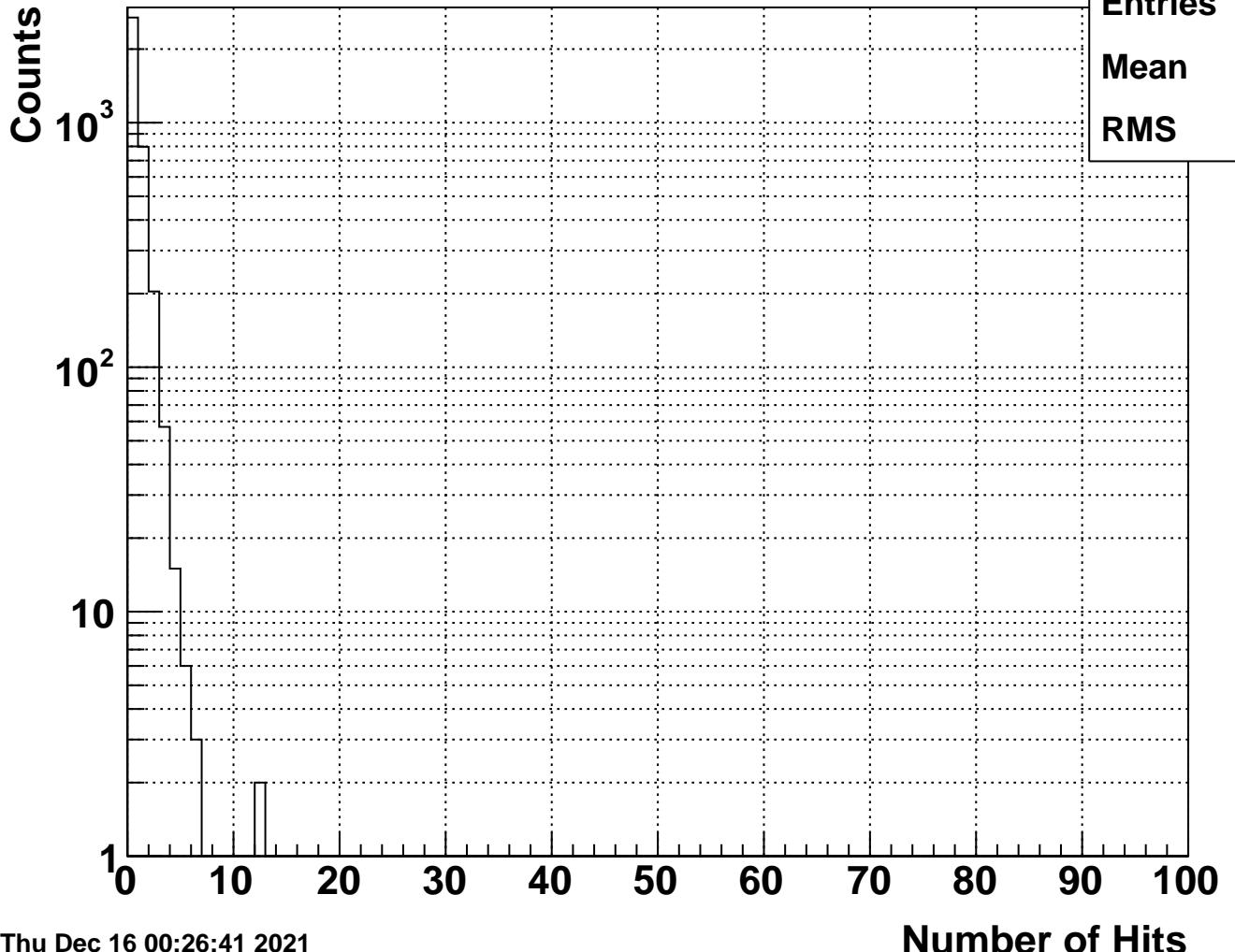
HitMult_Disk1_Module11

Entries 3775
Mean 0.3817
RMS 0.7414



FST - Hit Multiplicity: Disk1 Module12

HitMult_Disk1_Module12



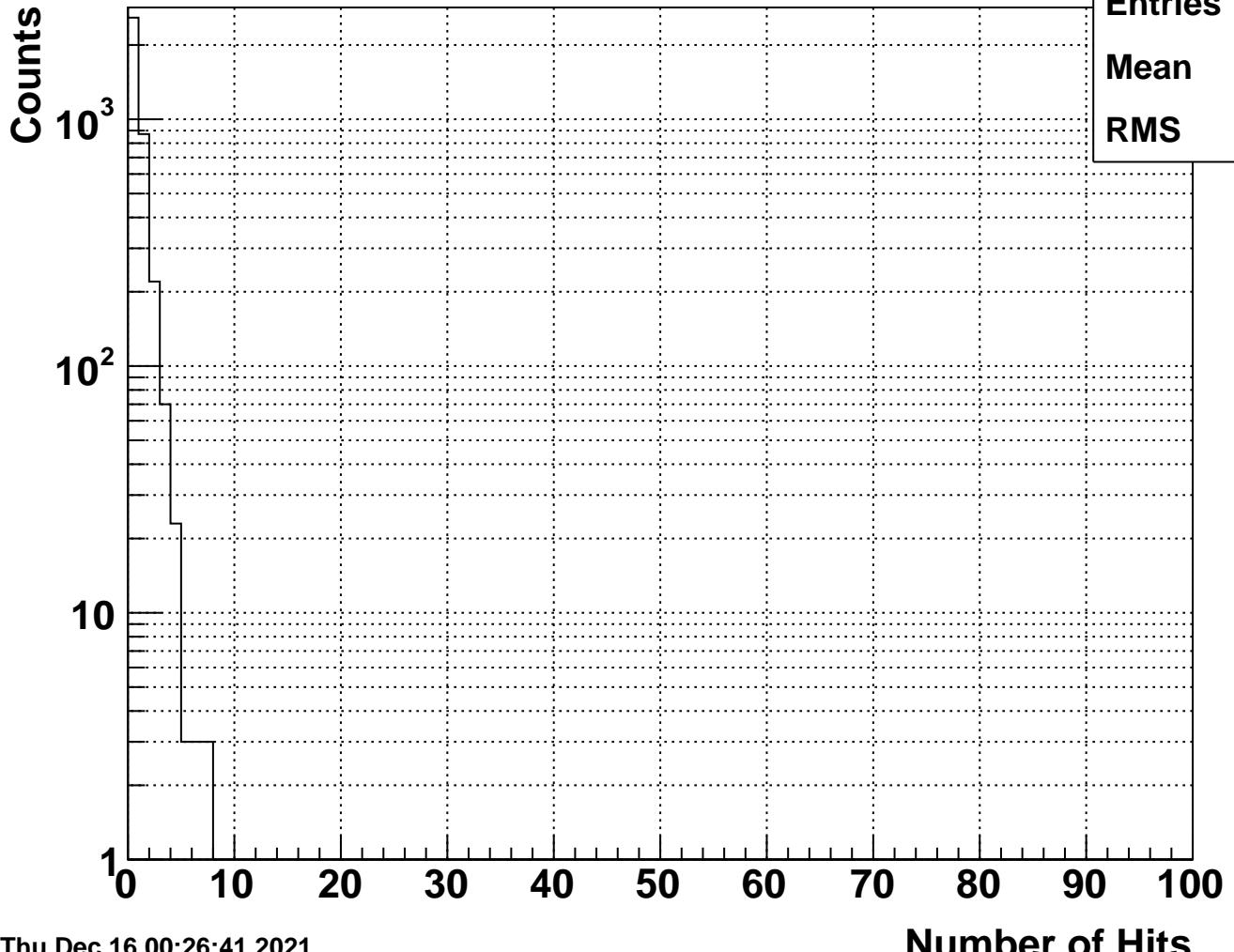
FST - Hit Multiplicity: Disk2 Module1

HitMult_Disk2_Module1

Entries 3775

Mean 0.445

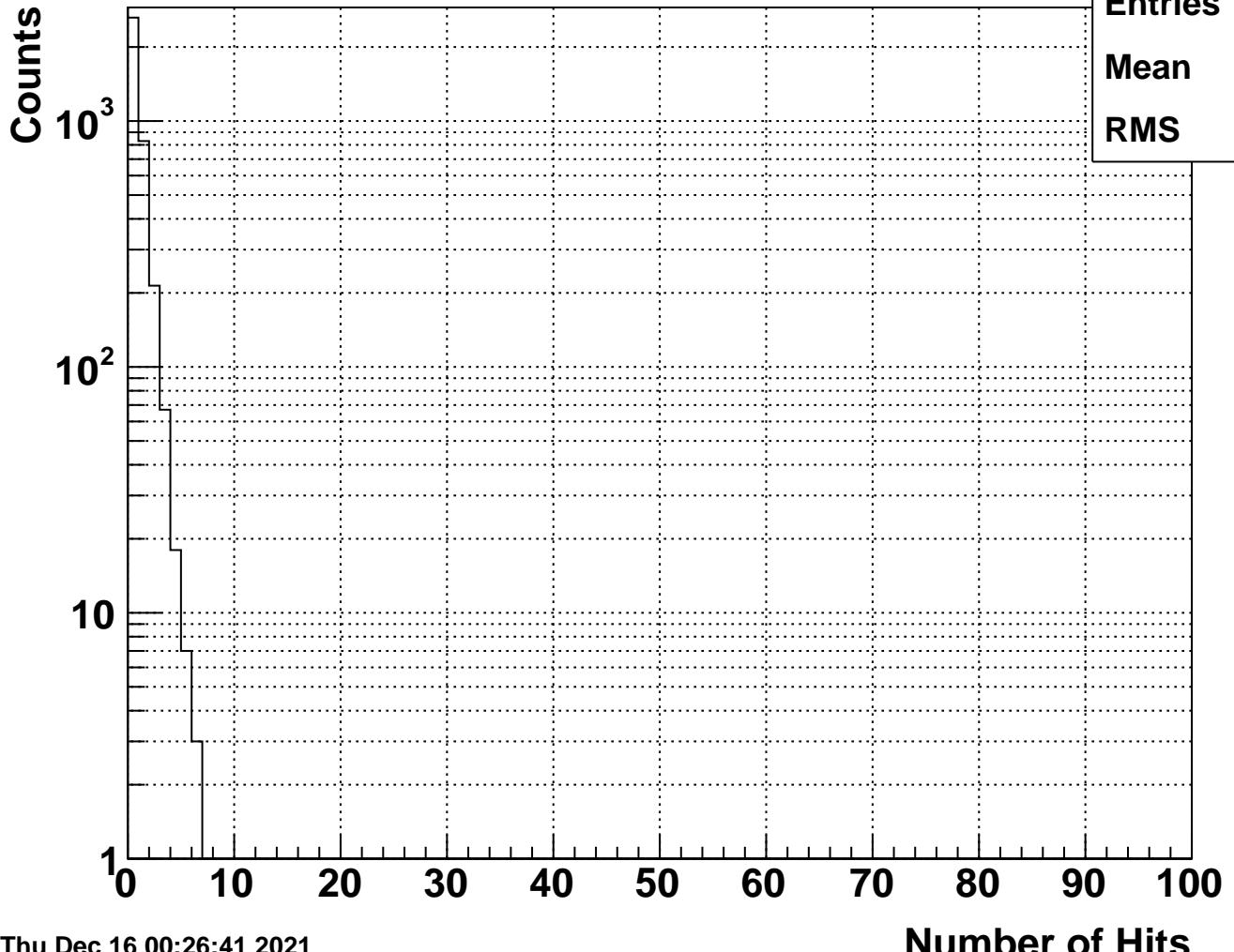
RMS 0.8138



FST - Hit Multiplicity: Disk2 Module2

HitMult_Disk2_Module2

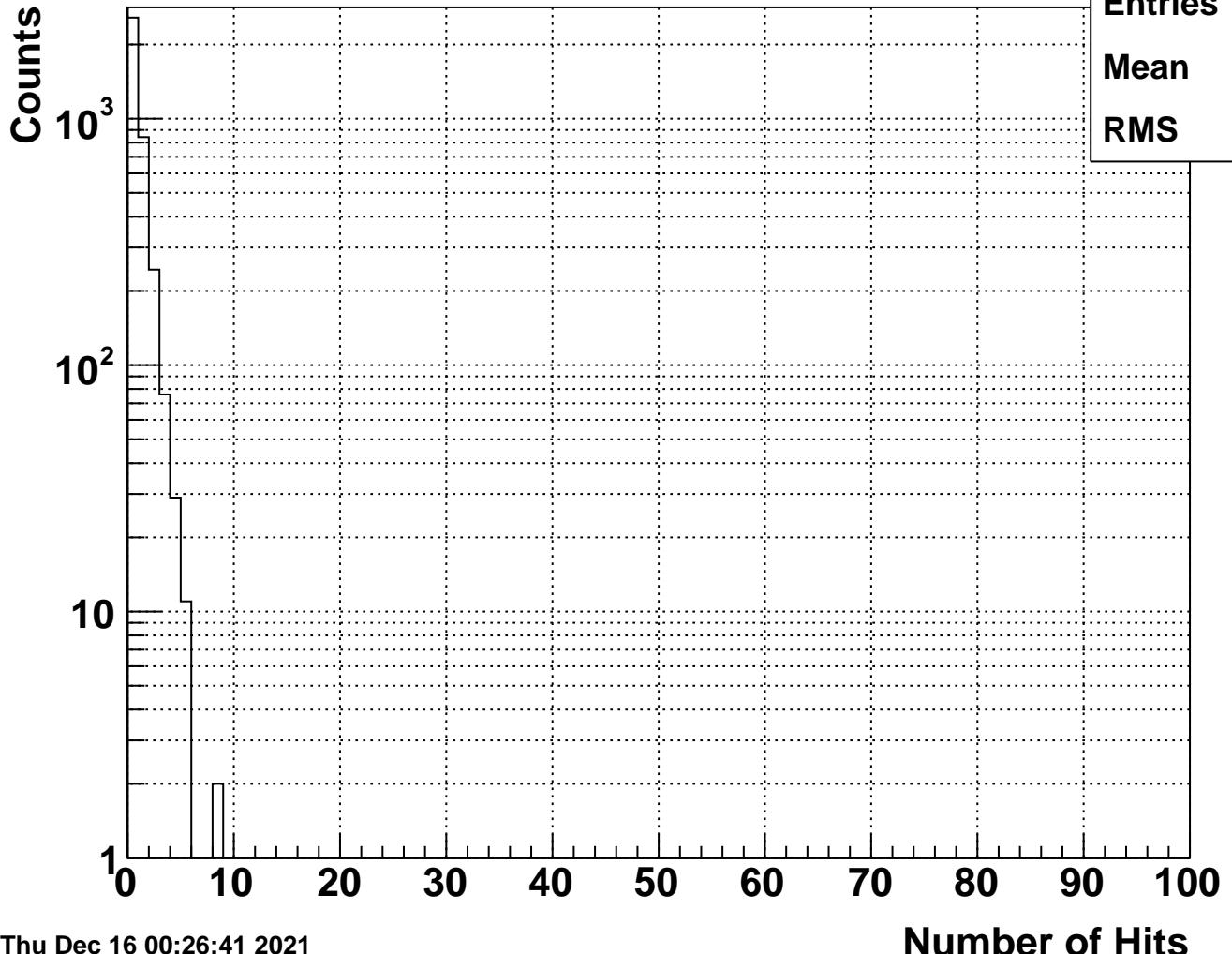
Entries 3775
Mean 0.4268
RMS 0.8062



FST - Hit Multiplicity: Disk2 Module3

HitMult_Disk2_Module3

Entries 3775
Mean 0.4623
RMS 0.8239



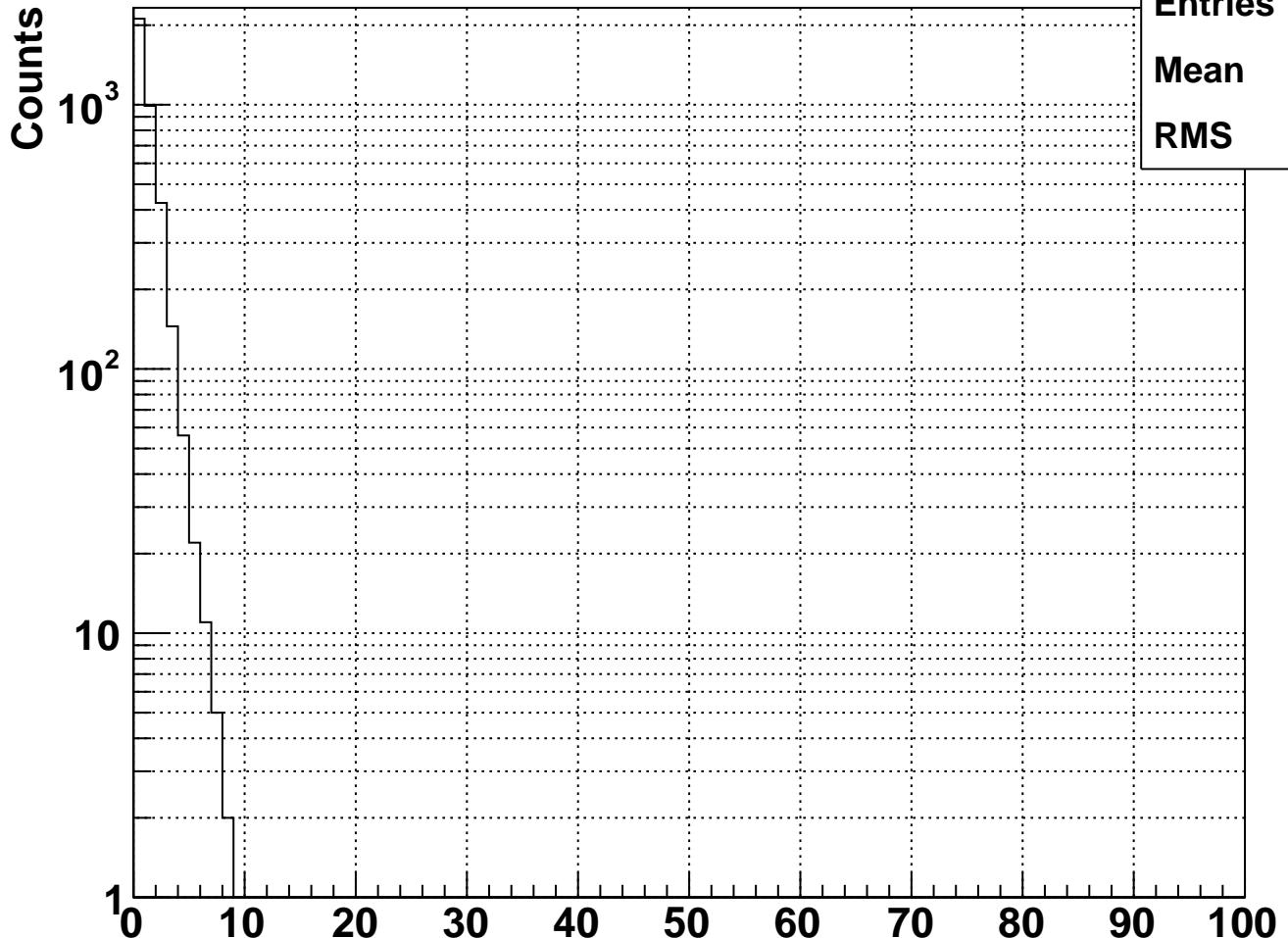
FST - Hit Multiplicity: Disk2 Module4

HitMult_Disk2_Module4

Entries 3775

Mean 0.7311

RMS 1.104



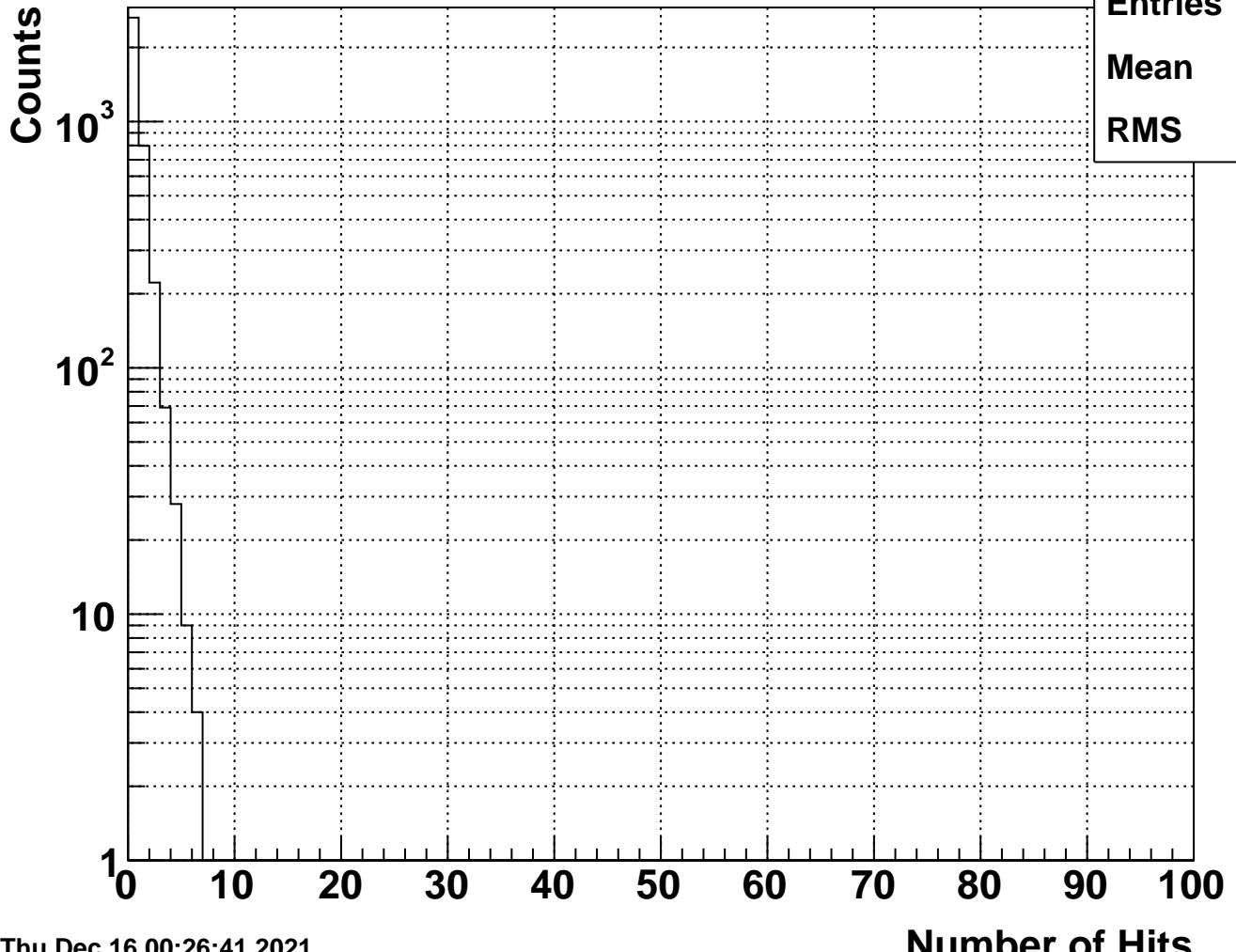
FST - Hit Multiplicity: Disk2 Module5

HitMult_Disk2_Module5

Entries 3775

Mean 0.4413

RMS 0.8892



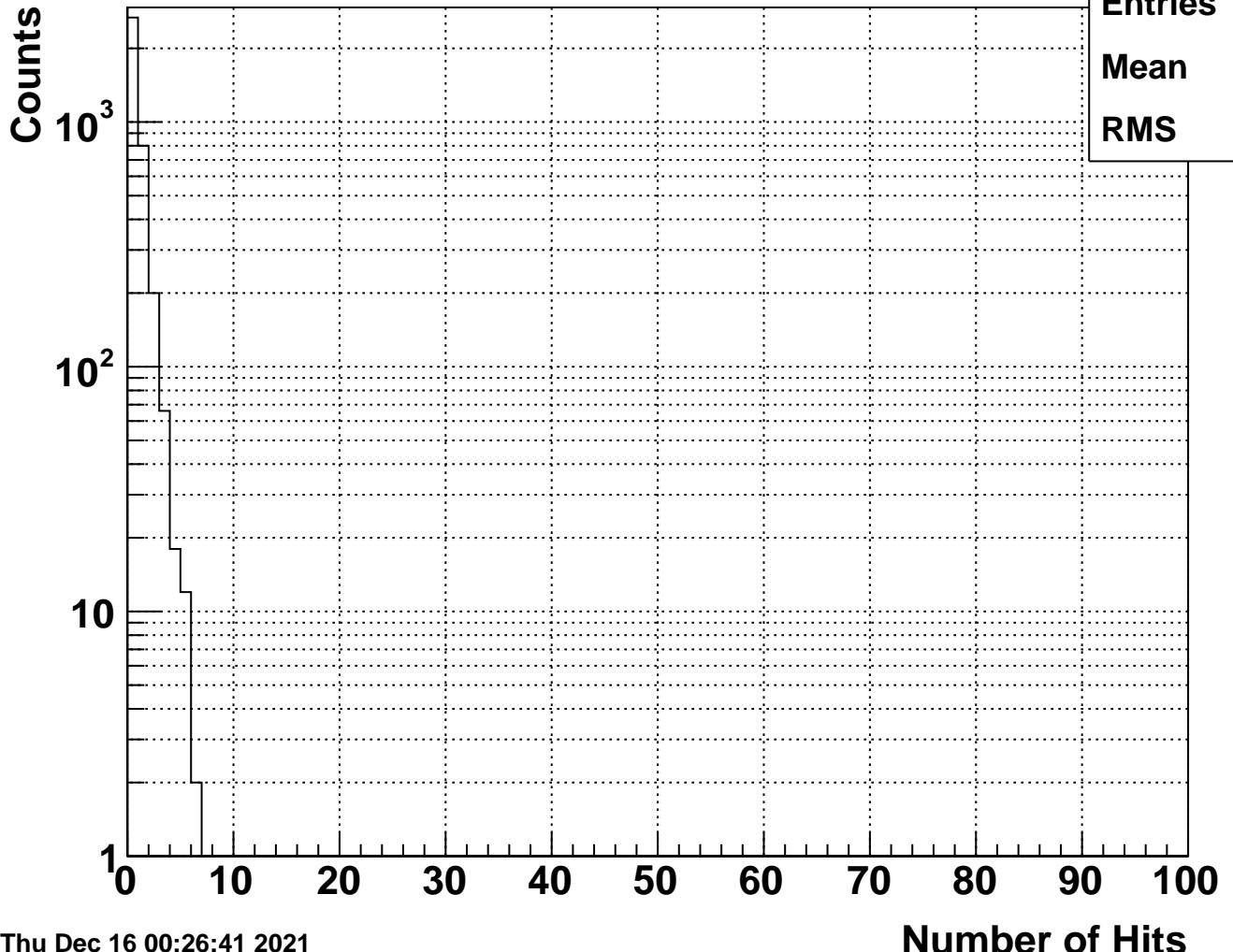
FST - Hit Multiplicity: Disk2 Module6

HitMult_Disk2_Module6

Entries 3775

Mean 0.4217

RMS 0.8483



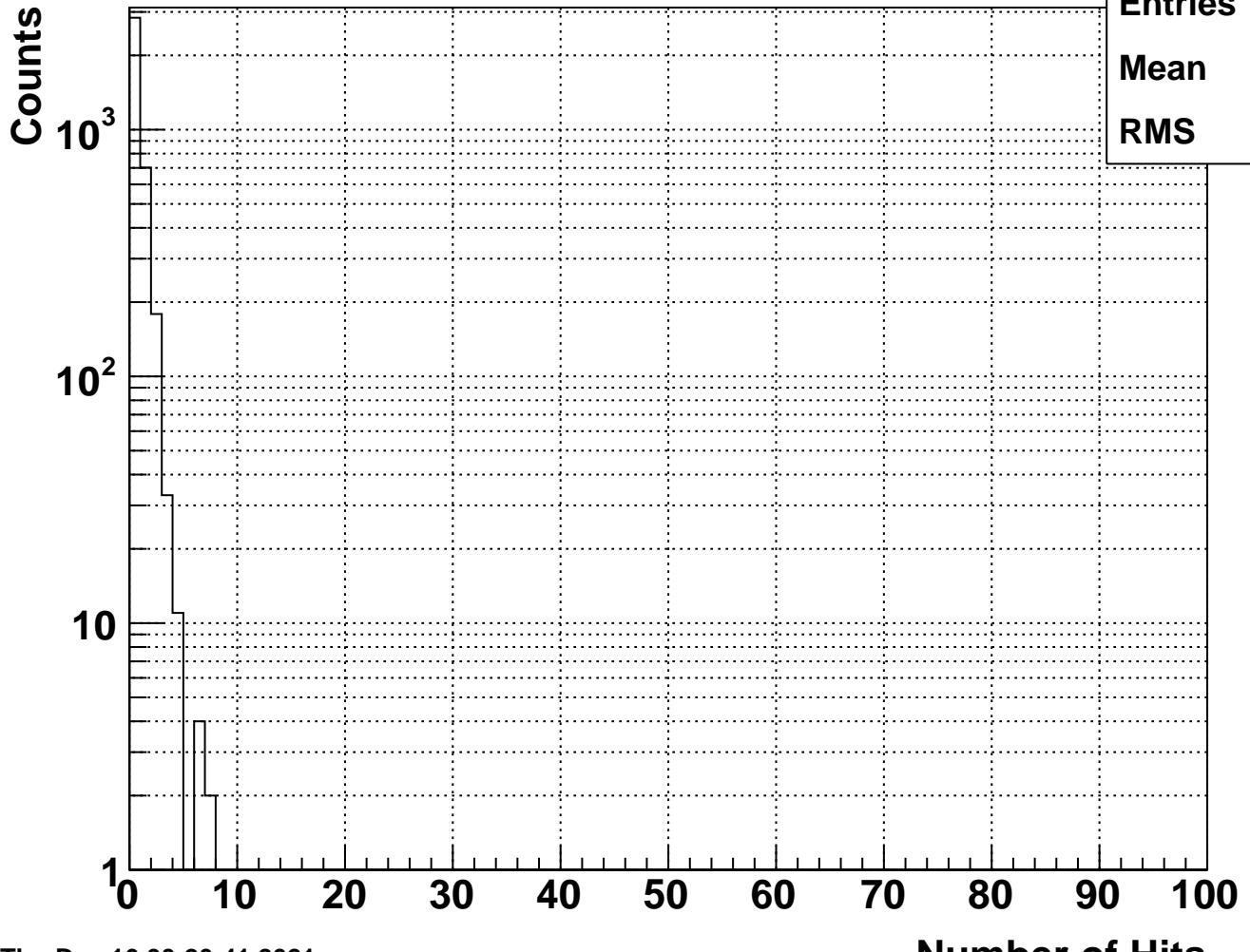
FST - Hit Multiplicity: Disk2 Module7

HitMult_Disk2_Module7

Entries 3775

Mean 0.3322

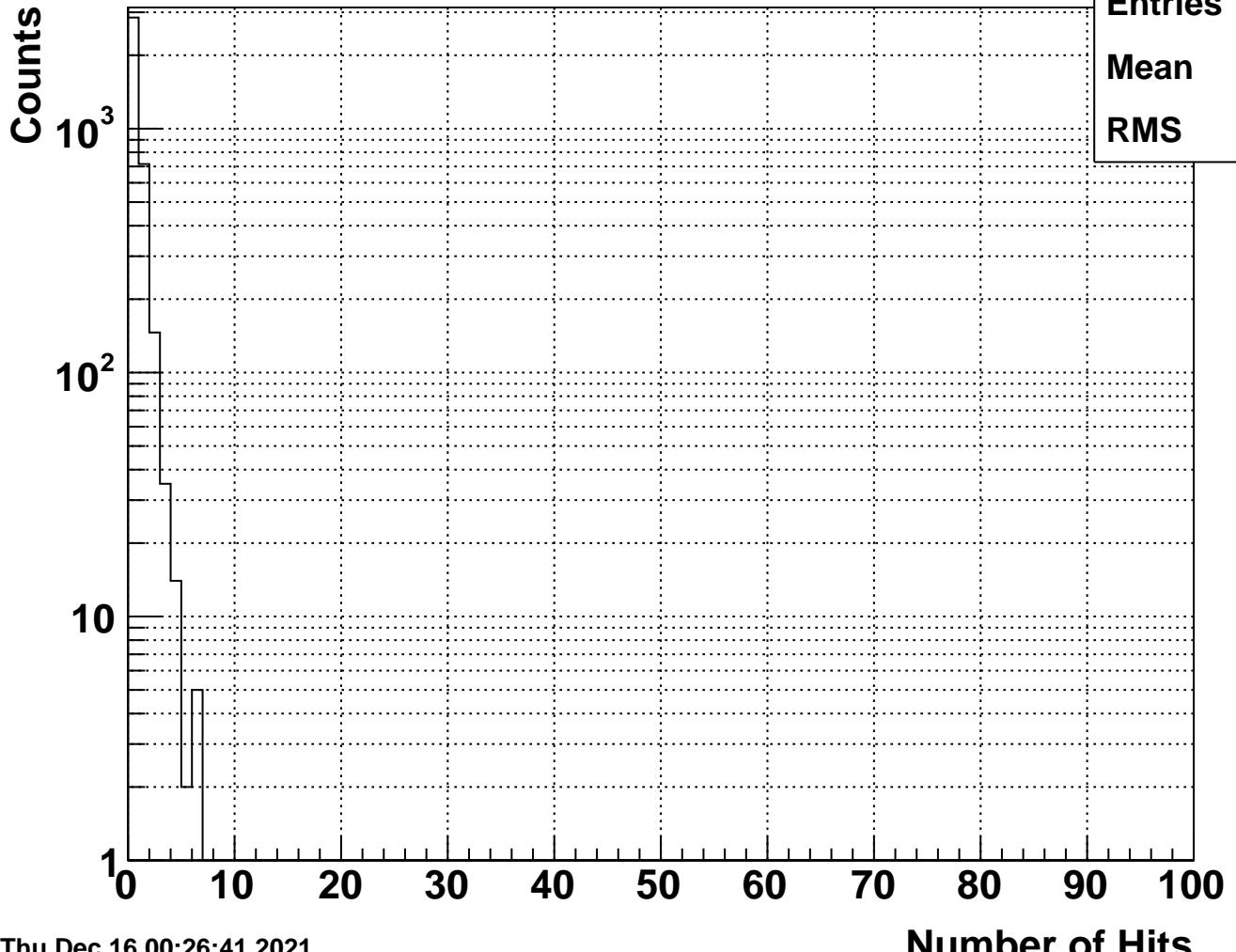
RMS 0.6916



FST - Hit Multiplicity: Disk2 Module8

HitMult_Disk2_Module8

Entries 3775
Mean 0.3253
RMS 0.7001



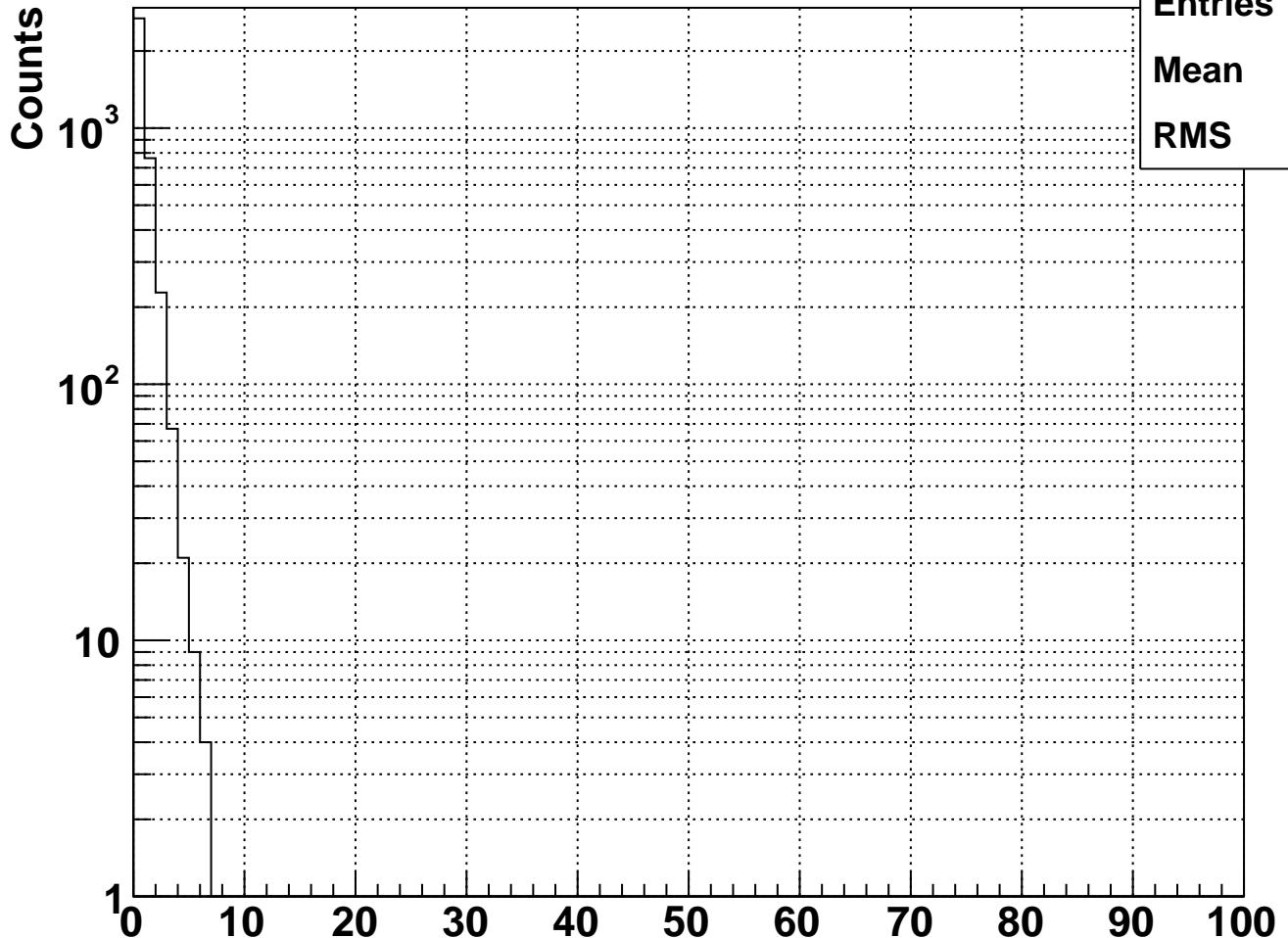
FST - Hit Multiplicity: Disk2 Module9

HitMult_Disk2_Module9

Entries 3775

Mean 0.4185

RMS 0.7925



FST - Hit Multiplicity: Disk2 Module10

HitMult_Disk2_Module10

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3775

Mean 0.4217

RMS 0.784

FST - Hit Multiplicity: Disk2 Module11

HitMult_Disk2_Module11

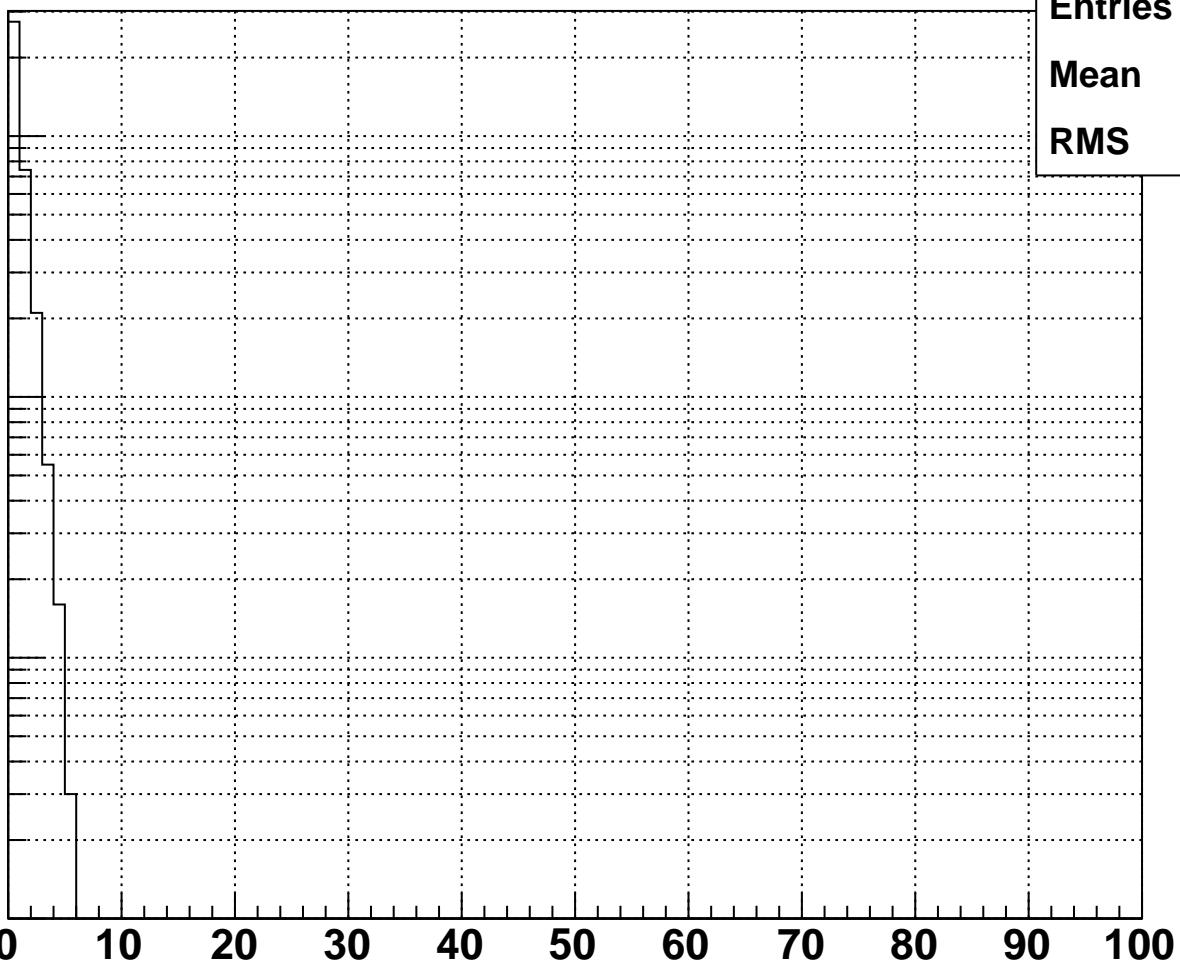
Counts

10^3

10^2

10^1

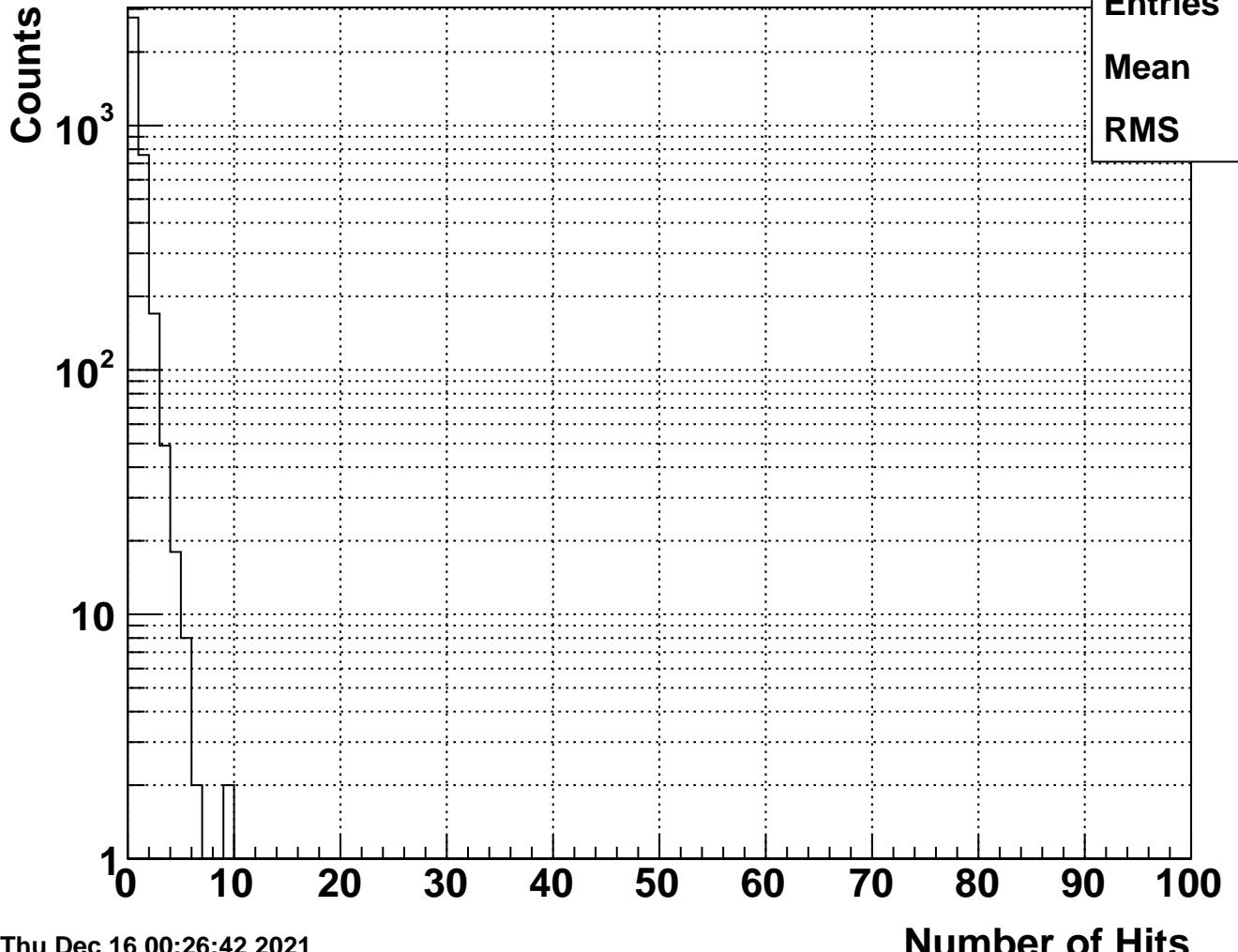
1^0



Entries	3775
Mean	0.3804
RMS	0.7444

FST - Hit Multiplicity: Disk2 Module12

HitMult_Disk2_Module12



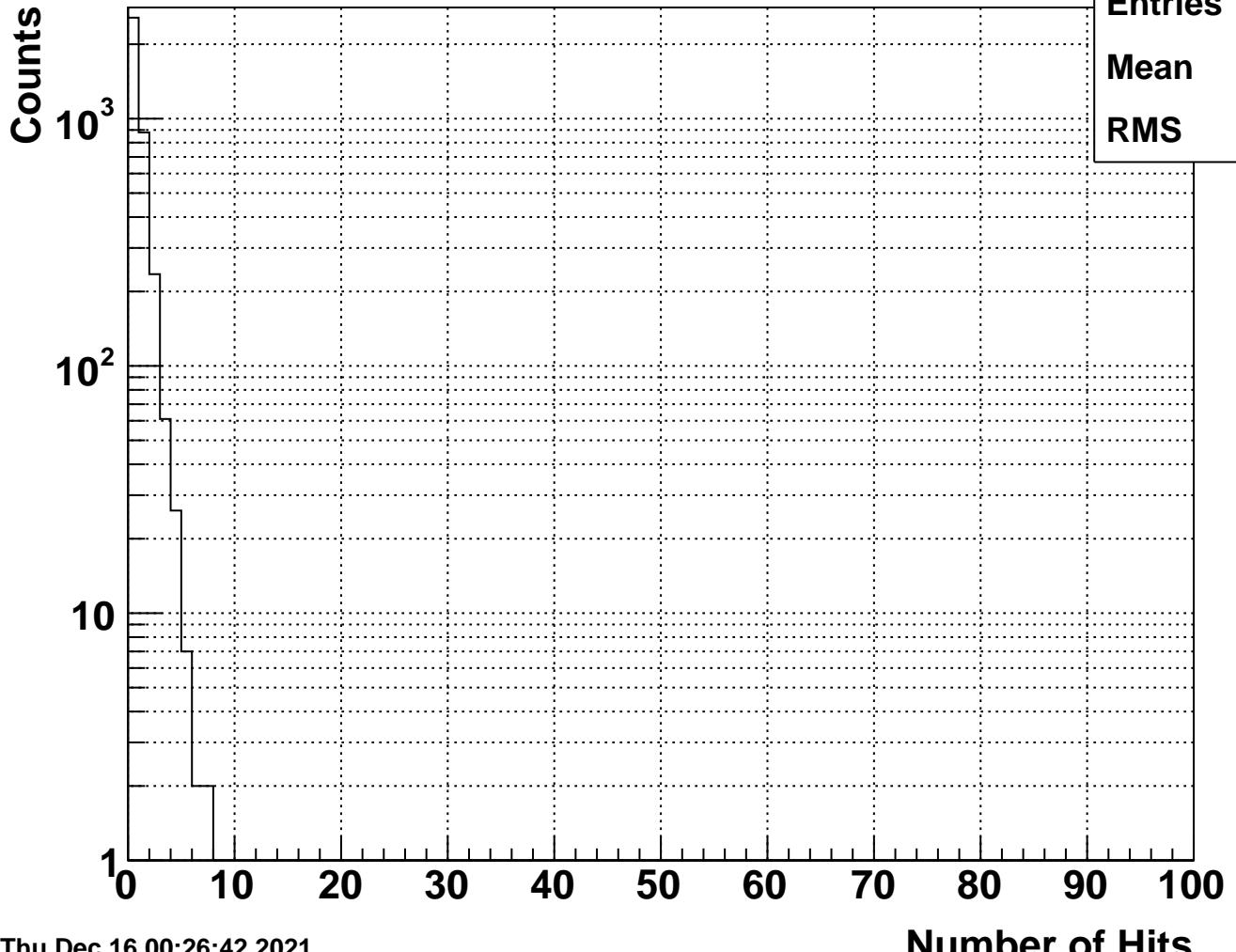
FST - Hit Multiplicity: Disk3 Module1

HitMult_Disk3_Module1

Entries 3775

Mean 0.4525

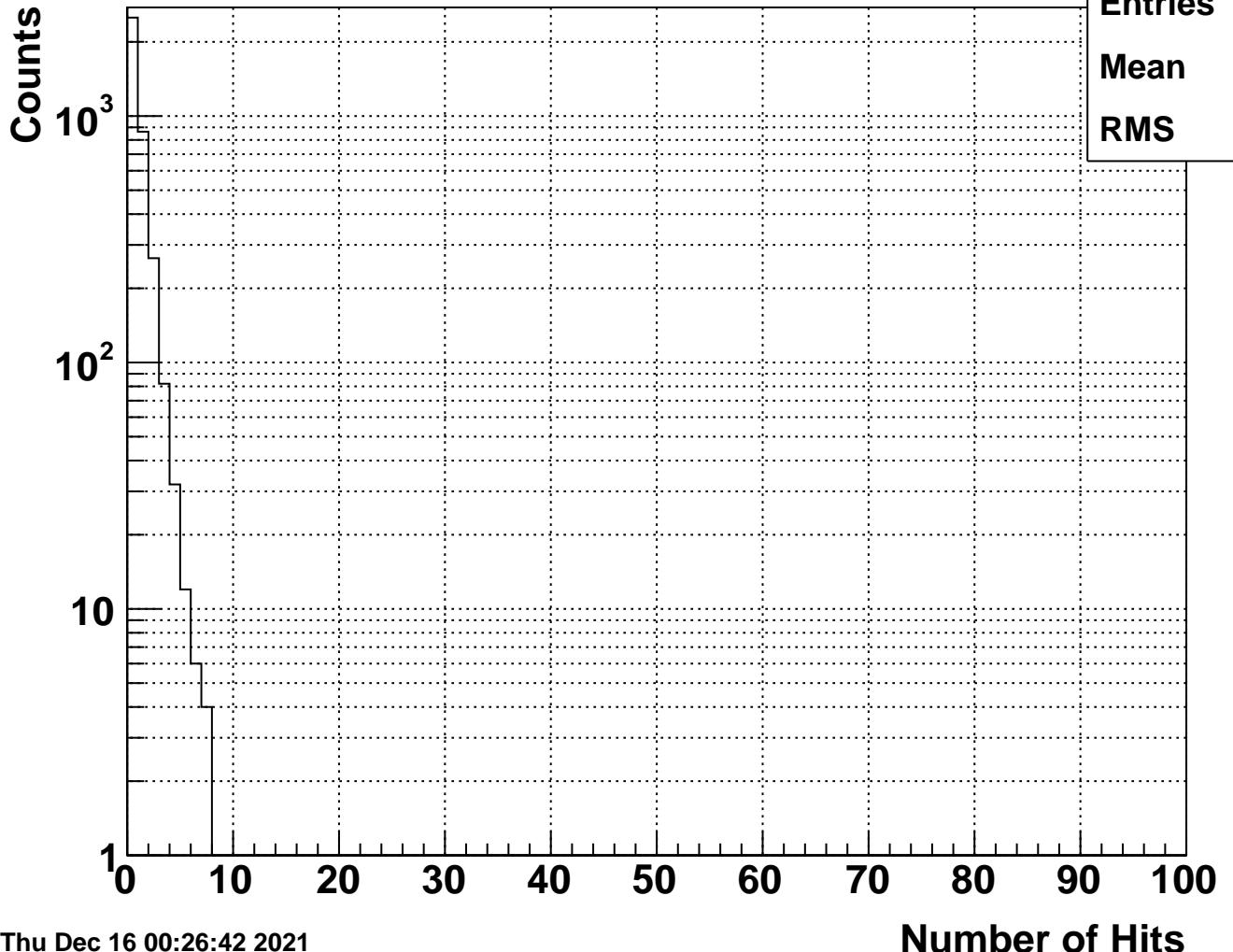
RMS 0.8068



FST - Hit Multiplicity: Disk3 Module2

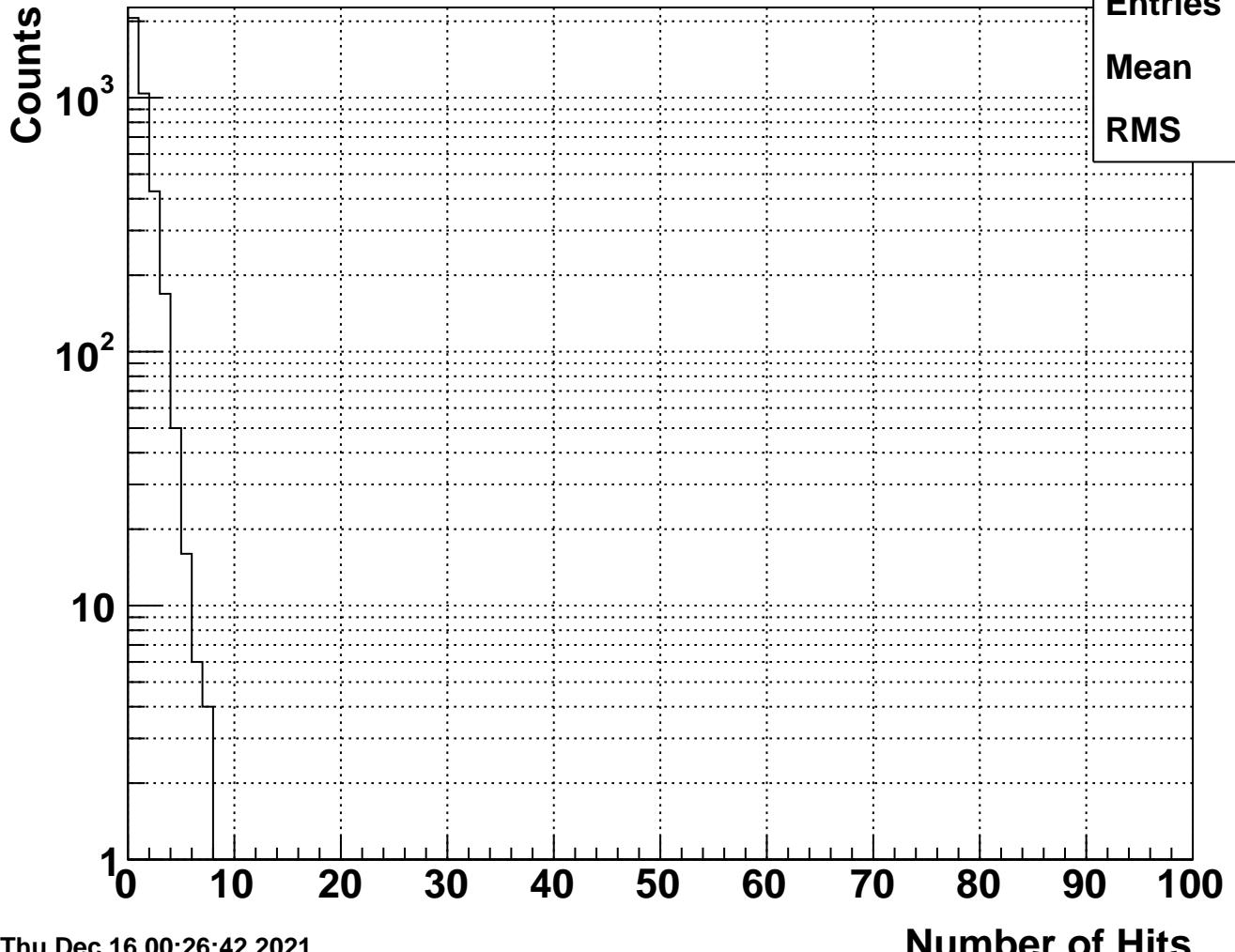
HitMult_Disk3_Module2

Entries 3775
Mean 0.5033
RMS 0.8905



FST - Hit Multiplicity: Disk3 Module3

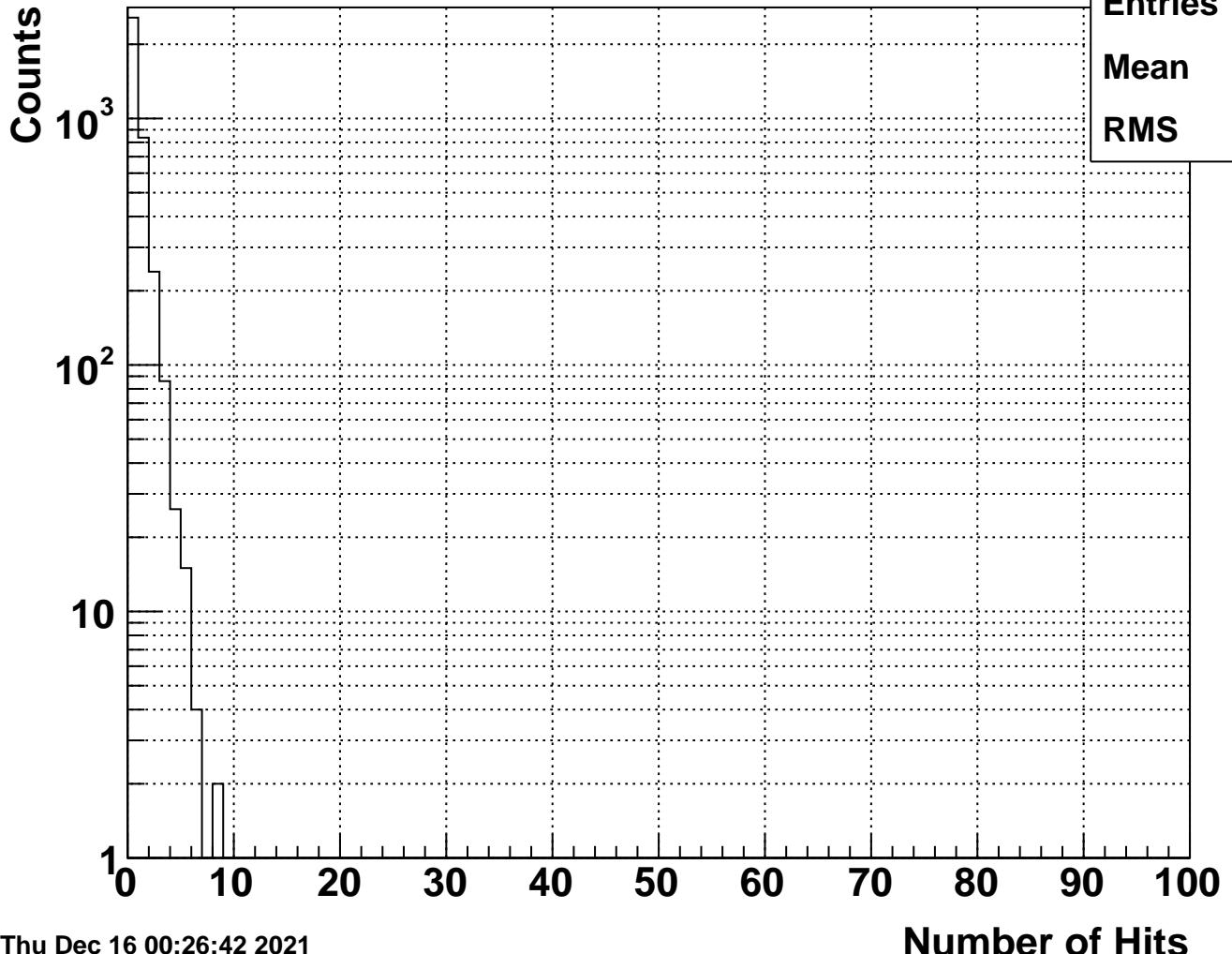
HitMult_Disk3_Module3



FST - Hit Multiplicity: Disk3 Module4

HitMult_Disk3_Module4

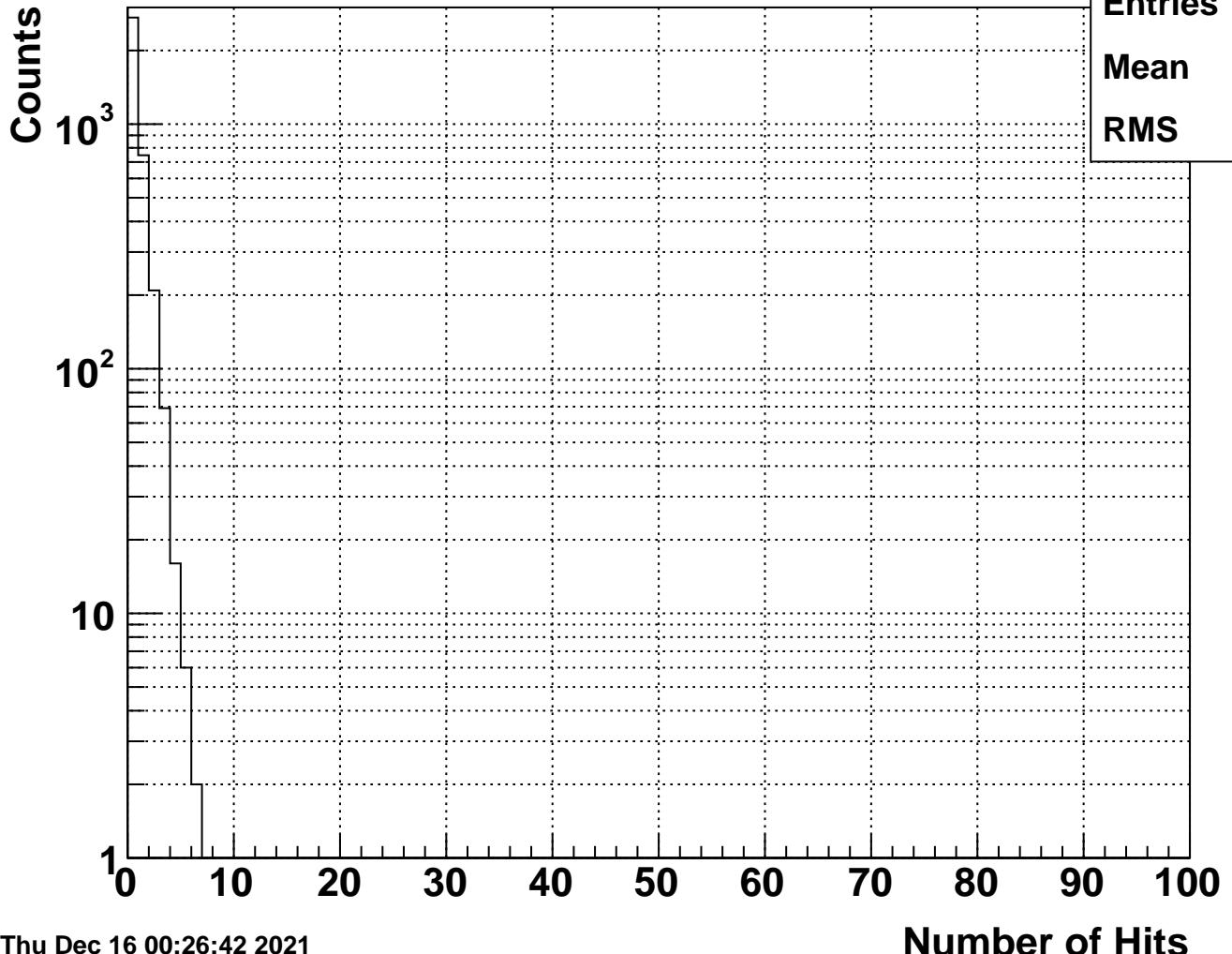
Entries 3775
Mean 0.4808
RMS 0.8992



FST - Hit Multiplicity: Disk3 Module5

HitMult_Disk3_Module5

Entries 3775
Mean 0.3913
RMS 0.7464



FST - Hit Multiplicity: Disk3 Module6

HitMult_Disk3_Module6

Entries 3775

Mean 0.6551

RMS 1.037

Counts

10^3

10^2

10

1

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

FST - Hit Multiplicity: Disk3 Module7

HitMult_Disk3_Module7

Counts

10^3

10^2

10

1

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3775

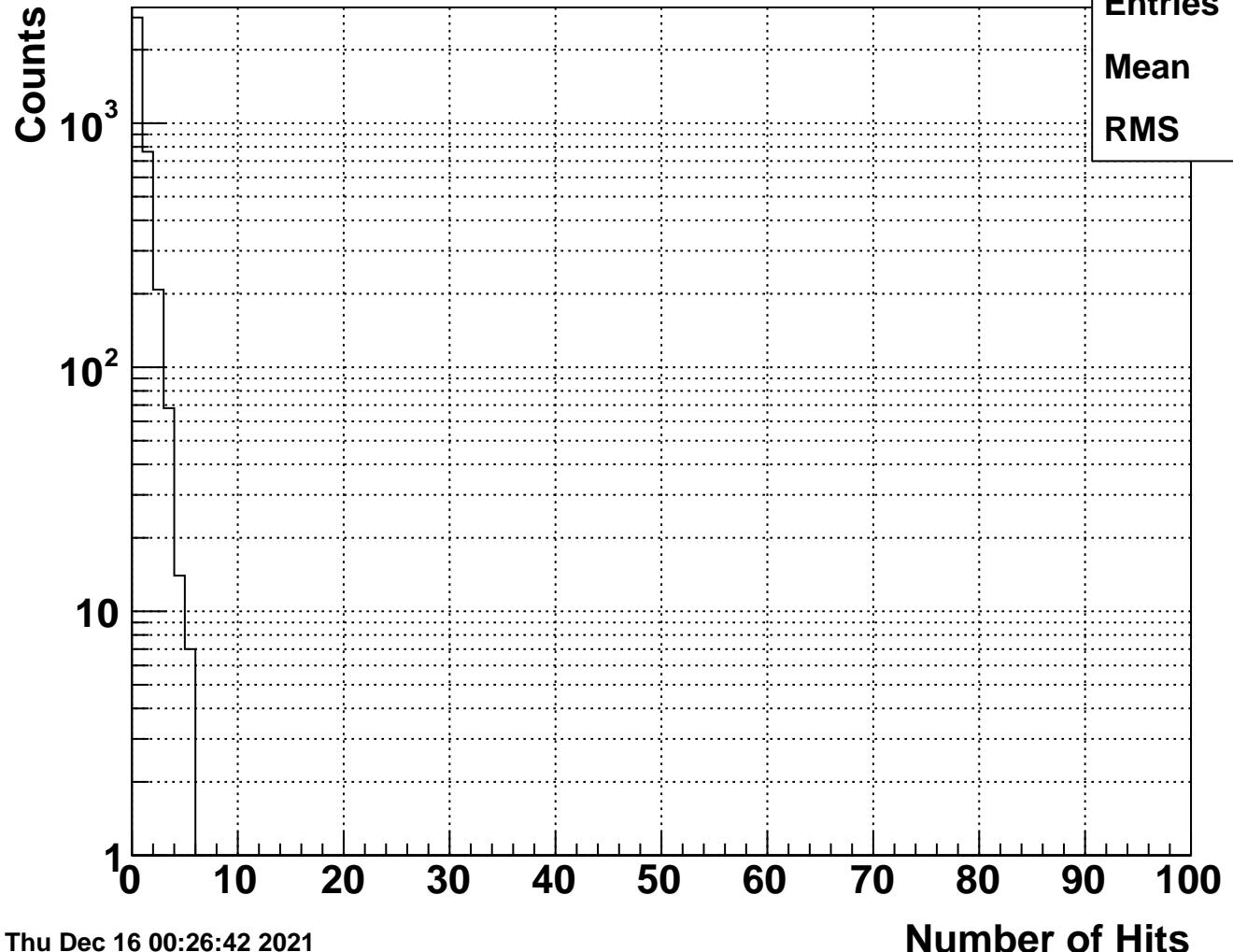
Mean 0.3672

RMS 0.7396

FST - Hit Multiplicity: Disk3 Module8

HitMult_Disk3_Module8

Entries 3775
Mean 0.3997
RMS 0.8056



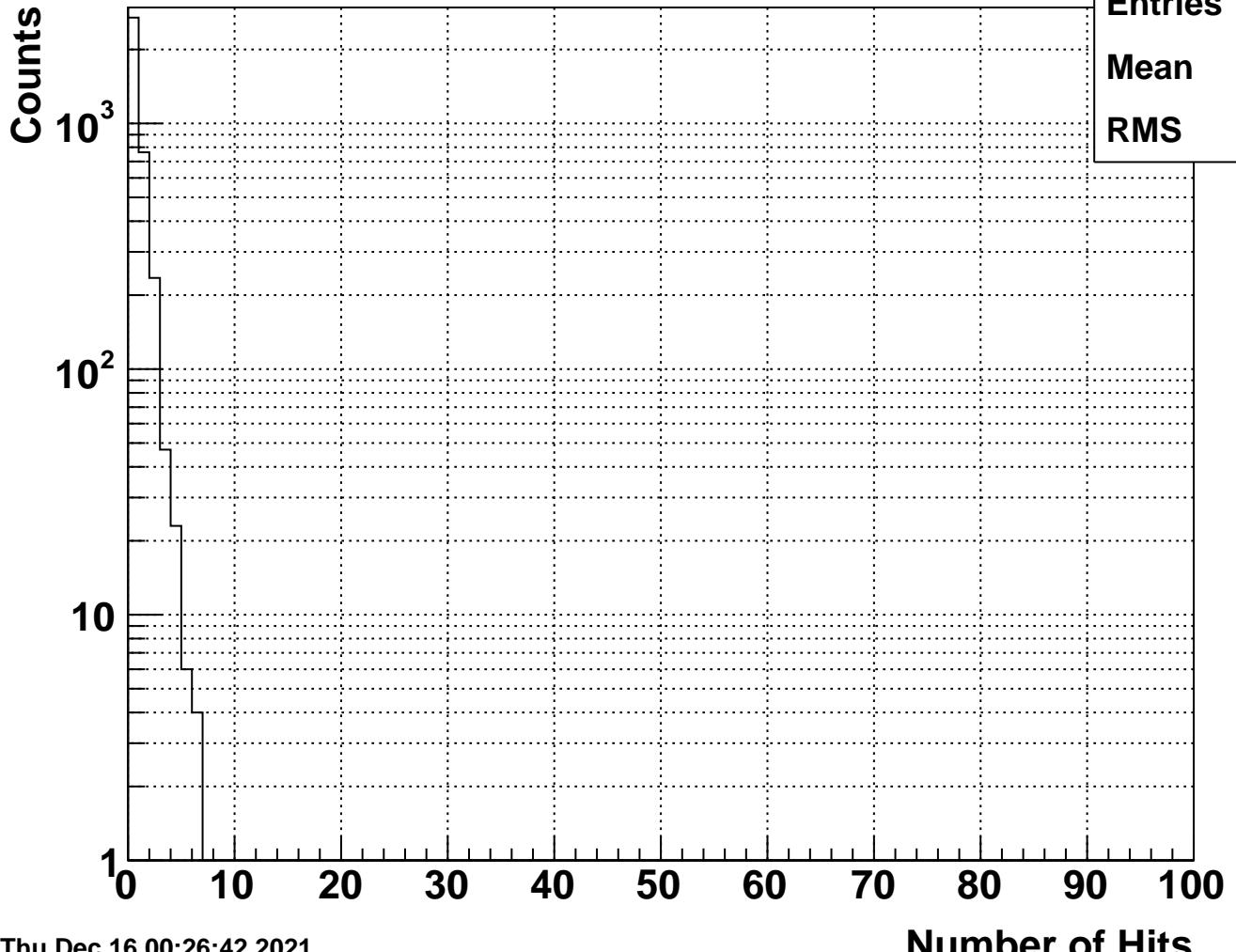
FST - Hit Multiplicity: Disk3 Module9

HitMult_Disk3_Module9

Entries 3775

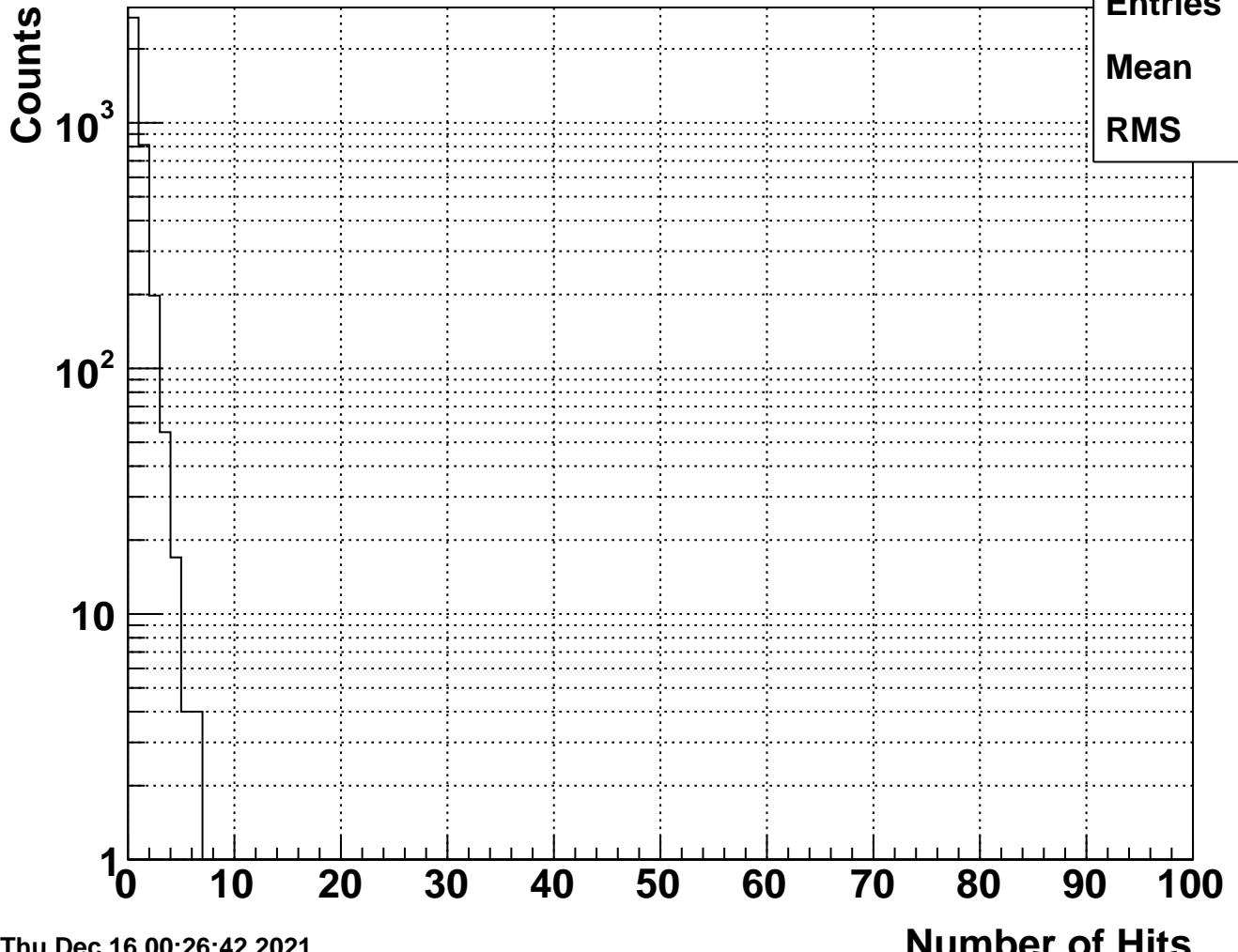
Mean 0.4045

RMS 0.7667



FST - Hit Multiplicity: Disk3 Module10

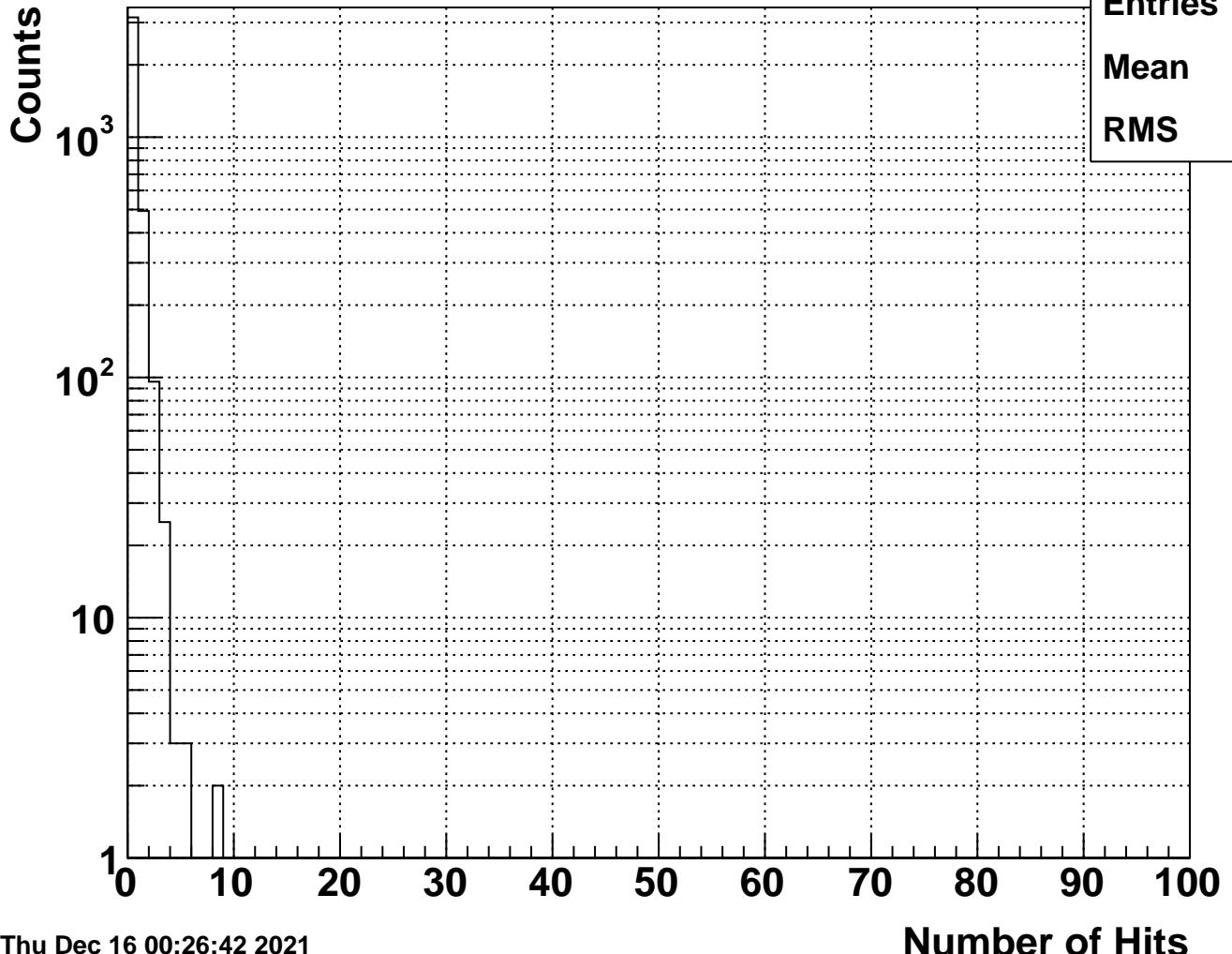
HitMult_Disk3_Module10



FST - Hit Multiplicity: Disk3 Module11

HitMult_Disk3_Module11

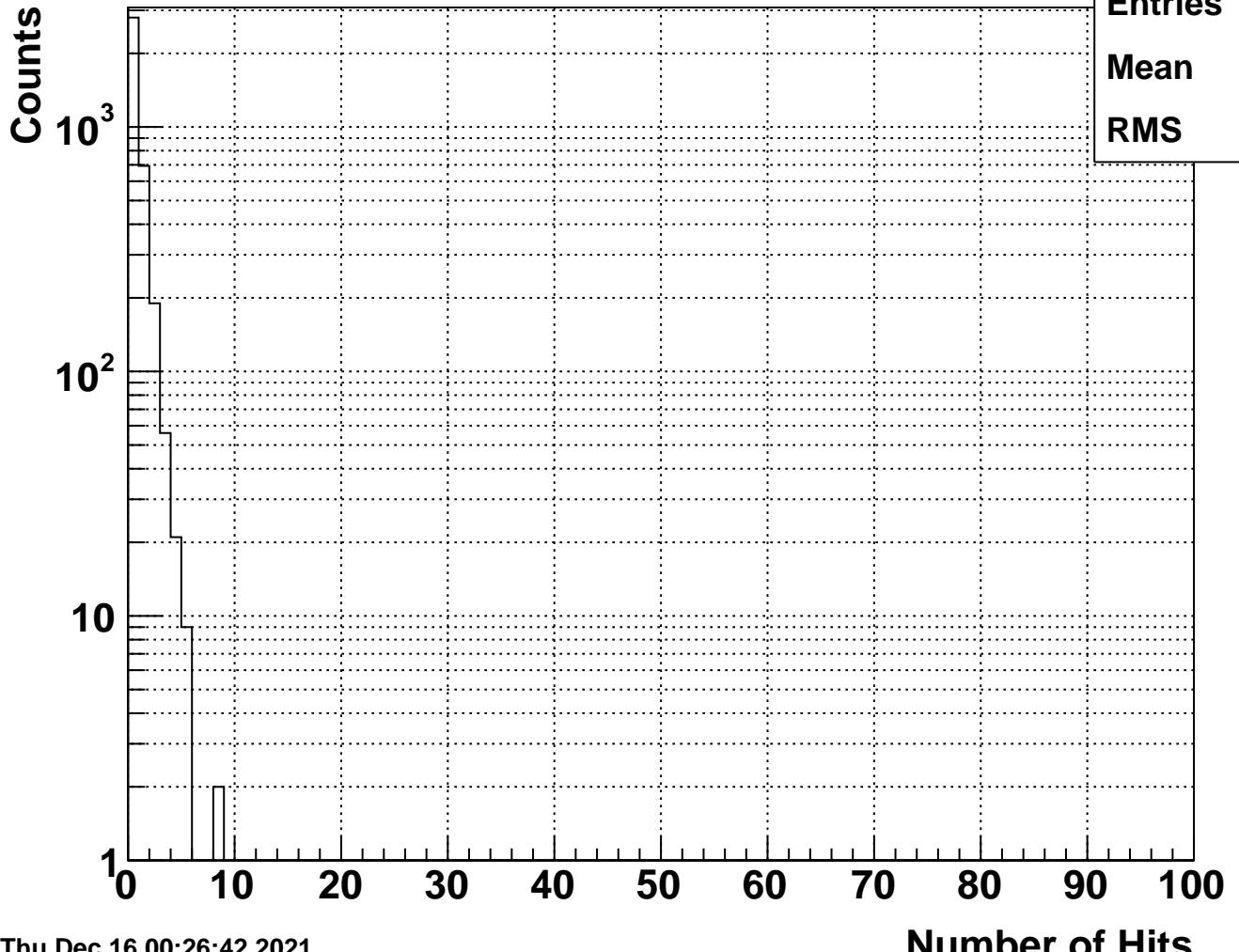
Entries 3775
Mean 0.2159
RMS 0.5916



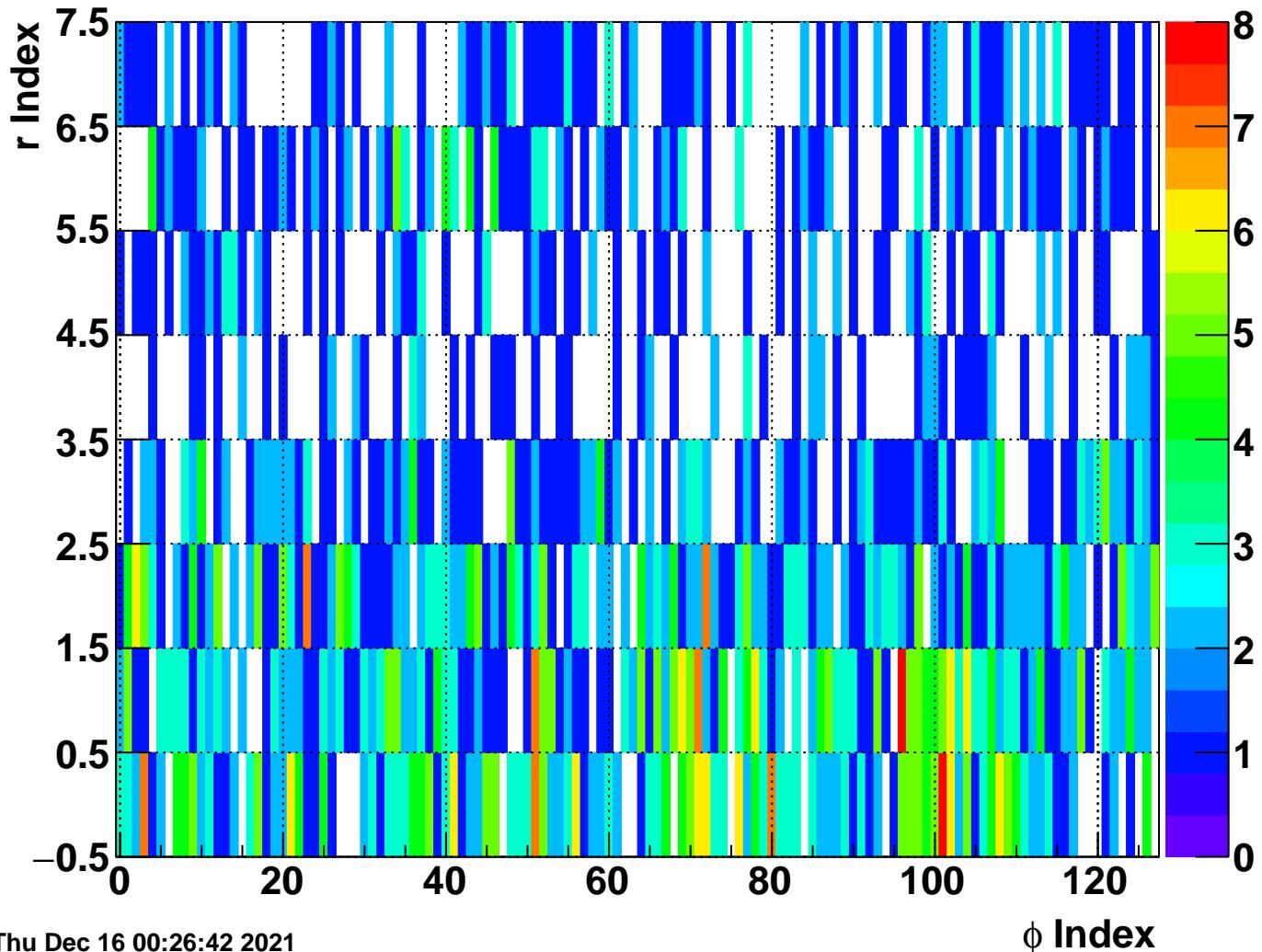
FST - Hit Multiplicity: Disk3 Module12

HitMult_Disk3_Module12

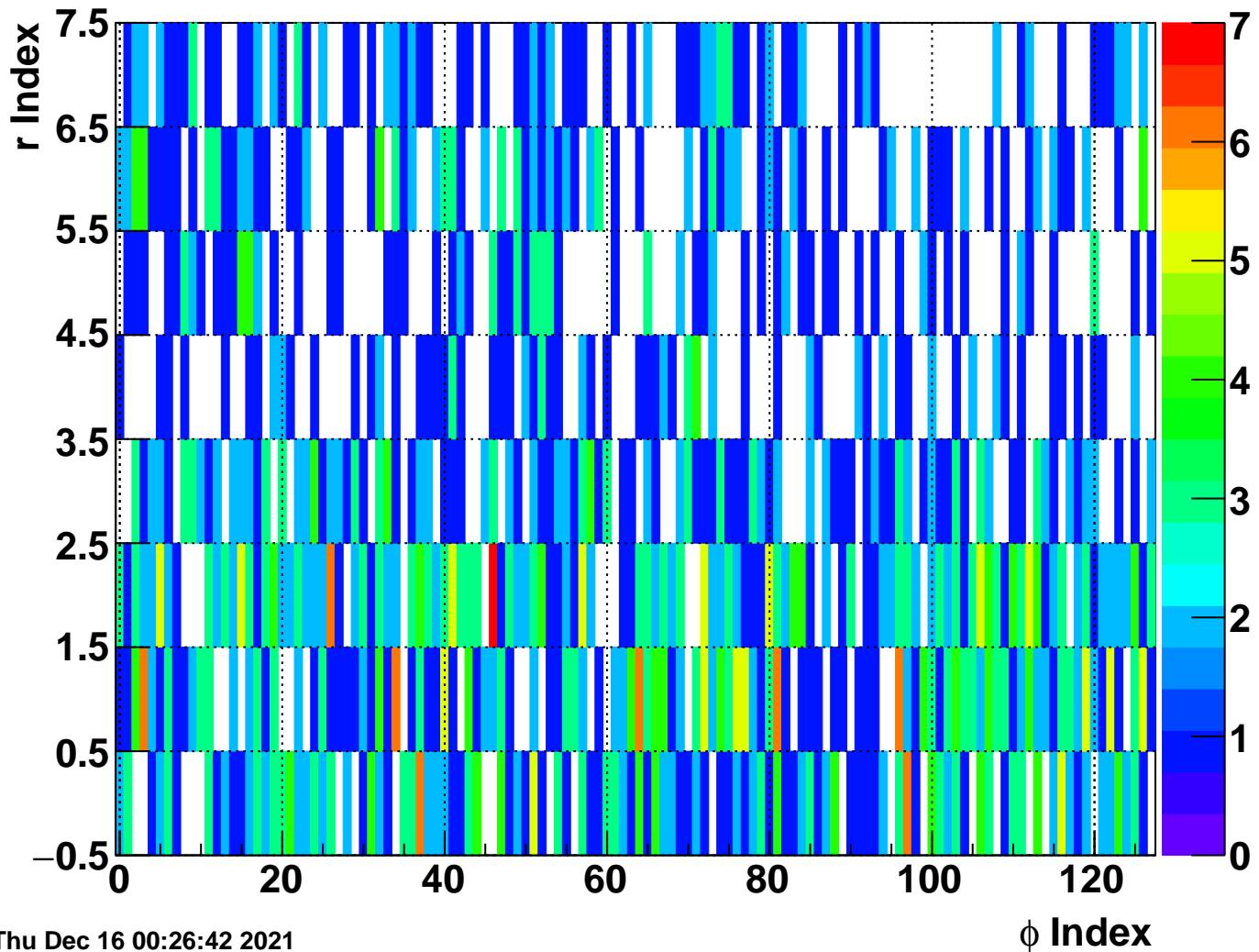
Entries 3775
Mean 0.3706
RMS 0.7656



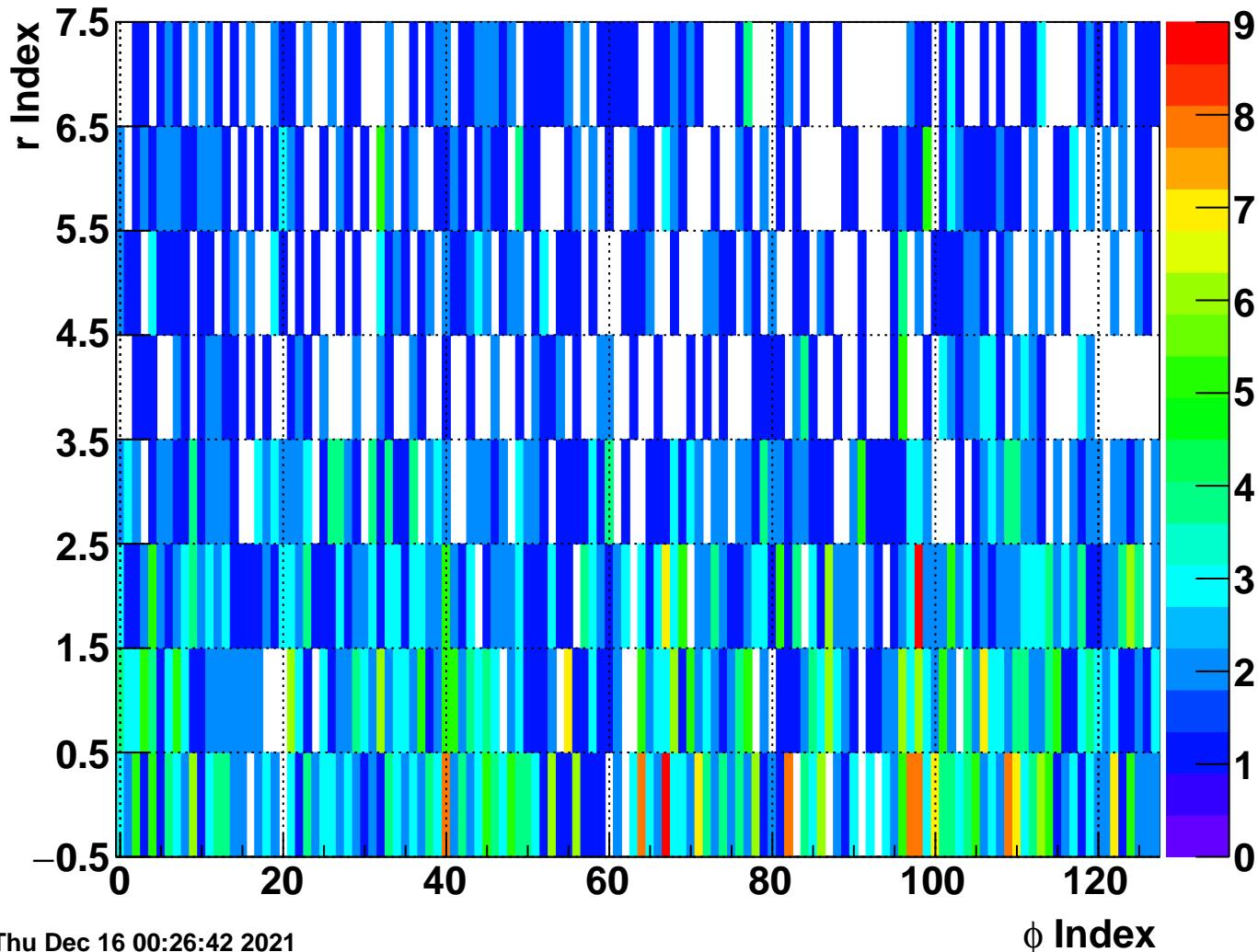
FST - Hit Map (density): Disk1 Module1



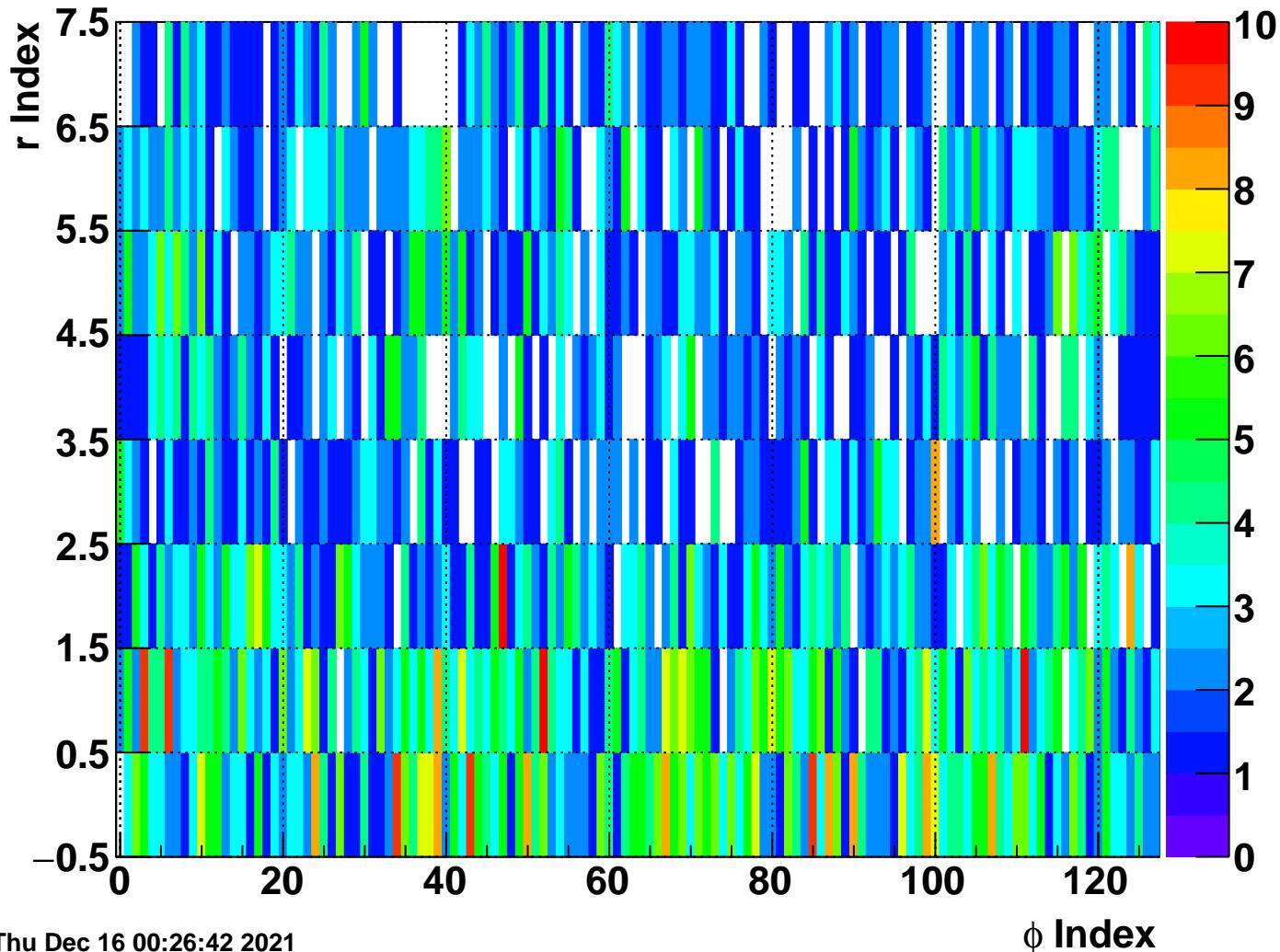
FST - Hit Map (density): Disk1 Module2



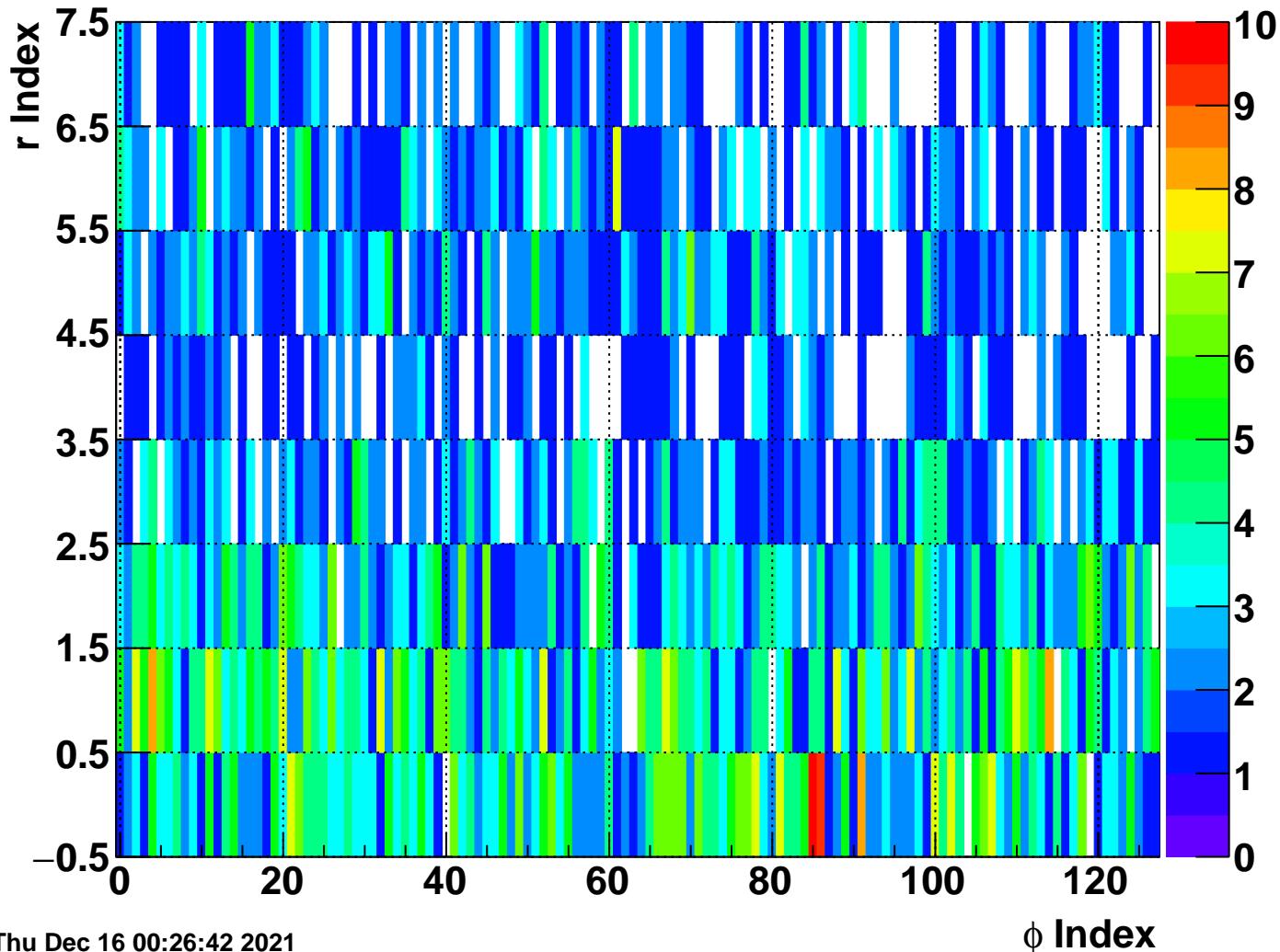
FST - Hit Map (density): Disk1 Module3



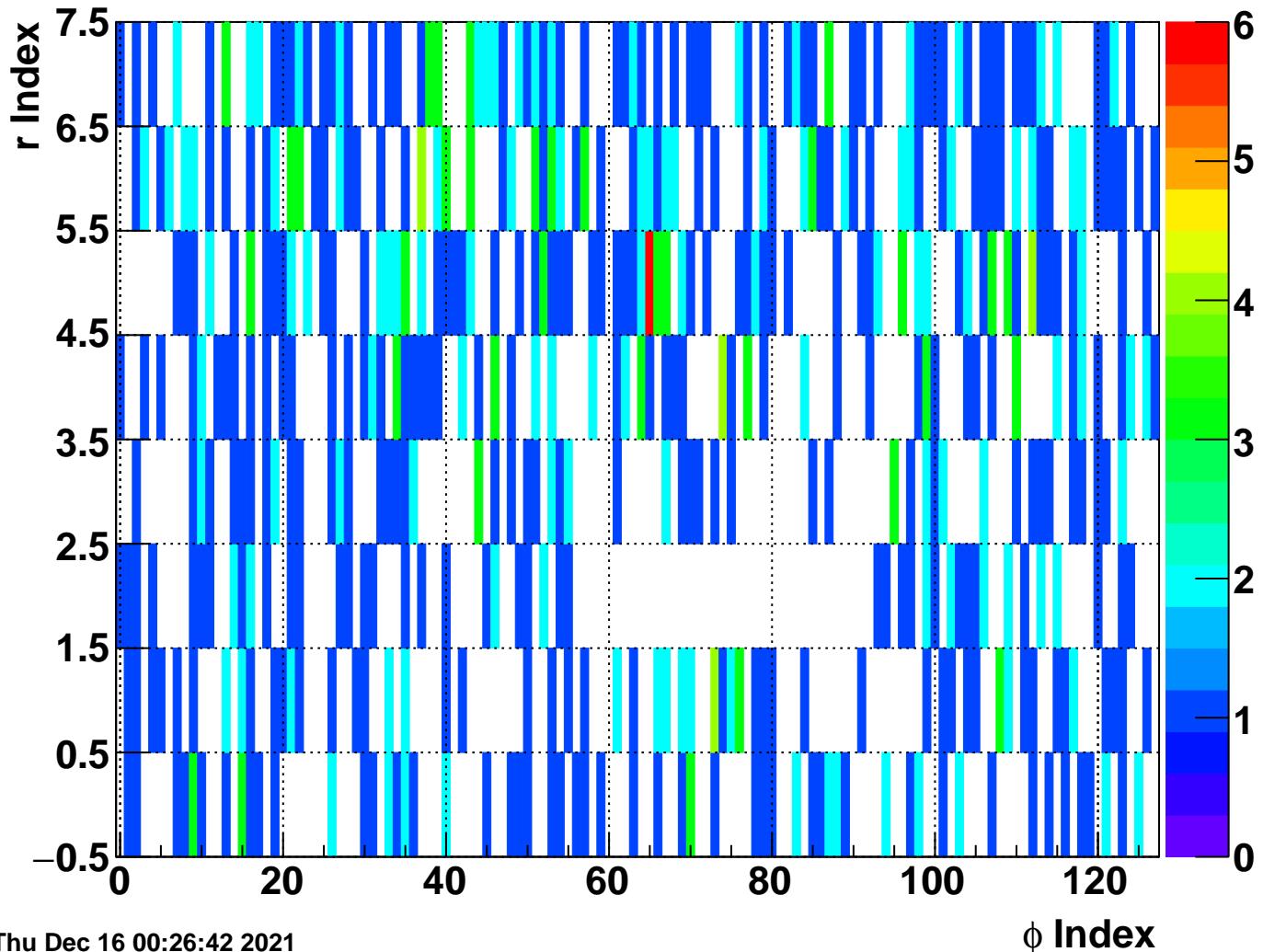
FST - Hit Map (density): Disk1 Module4



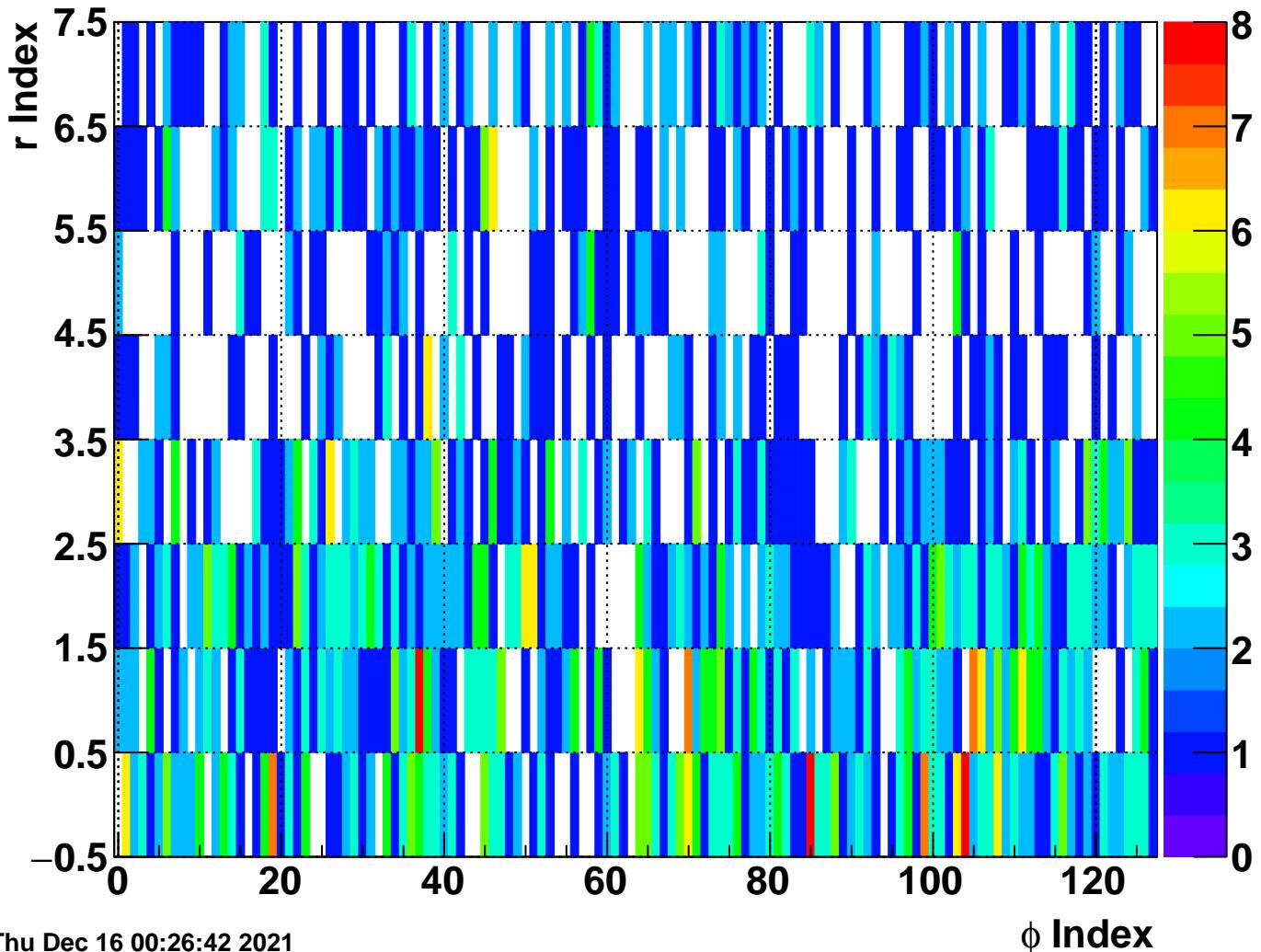
FST - Hit Map (density): Disk1 Module5



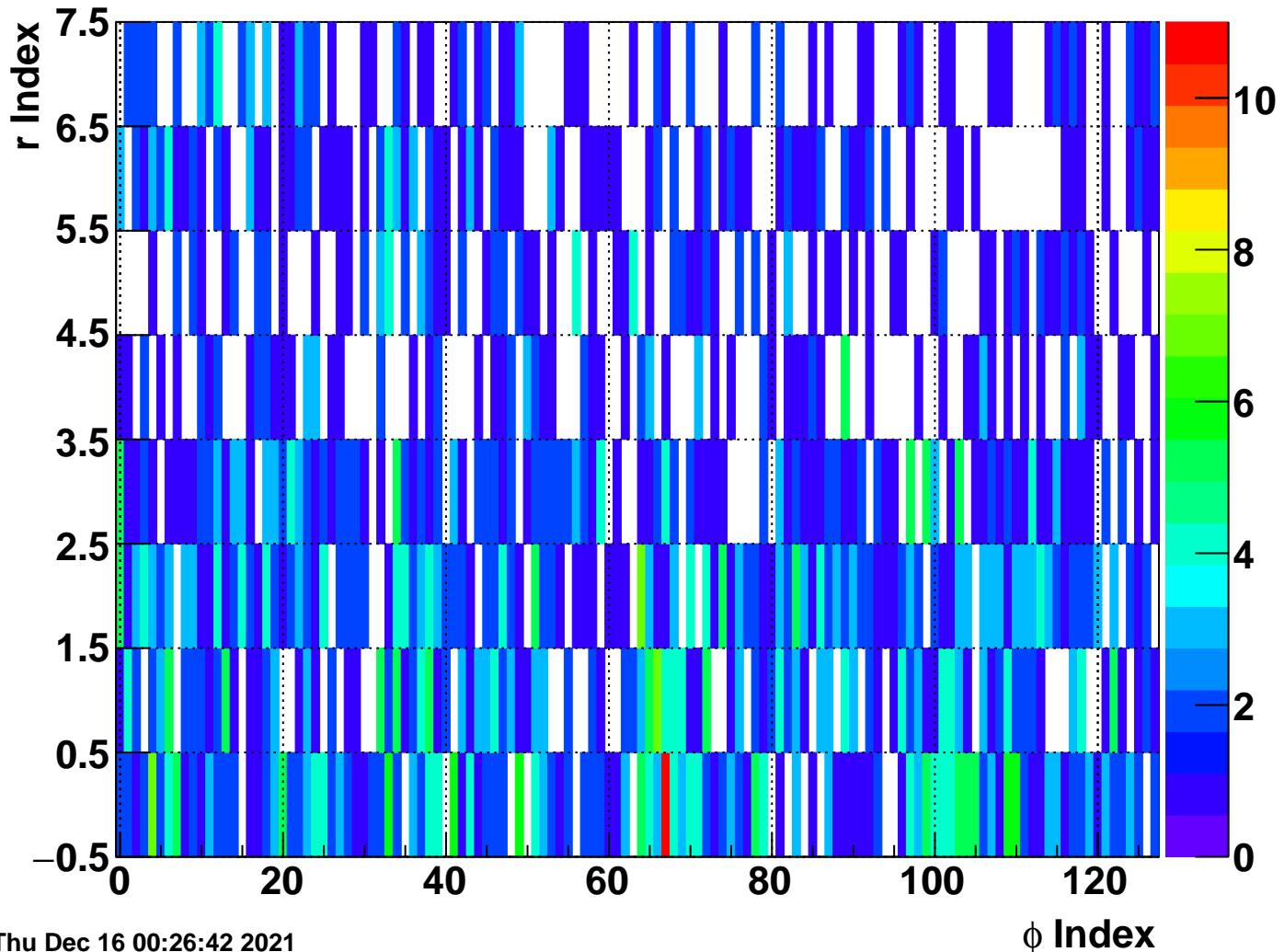
FST - Hit Map (density): Disk1 Module6



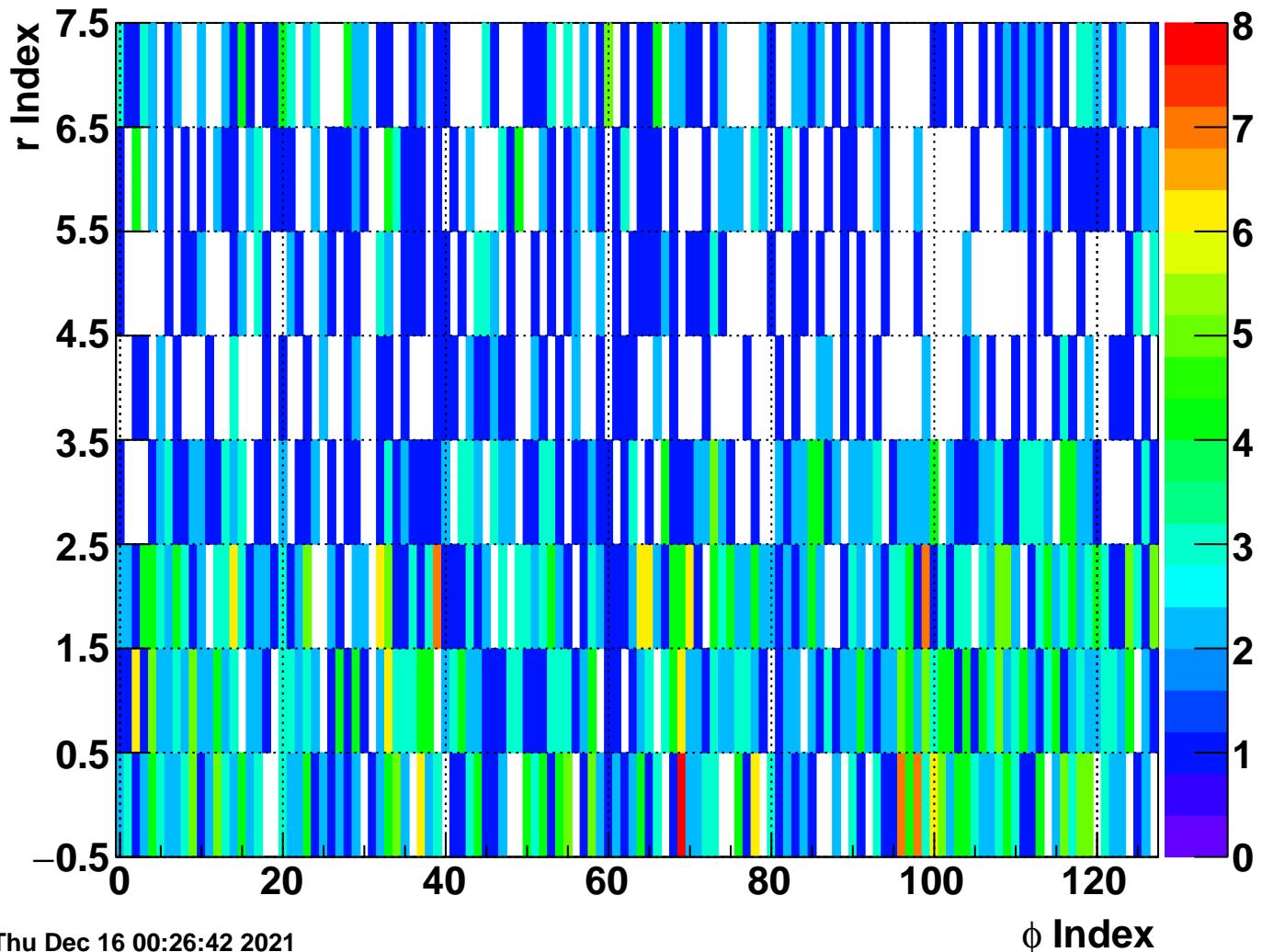
FST - Hit Map (density): Disk1 Module7



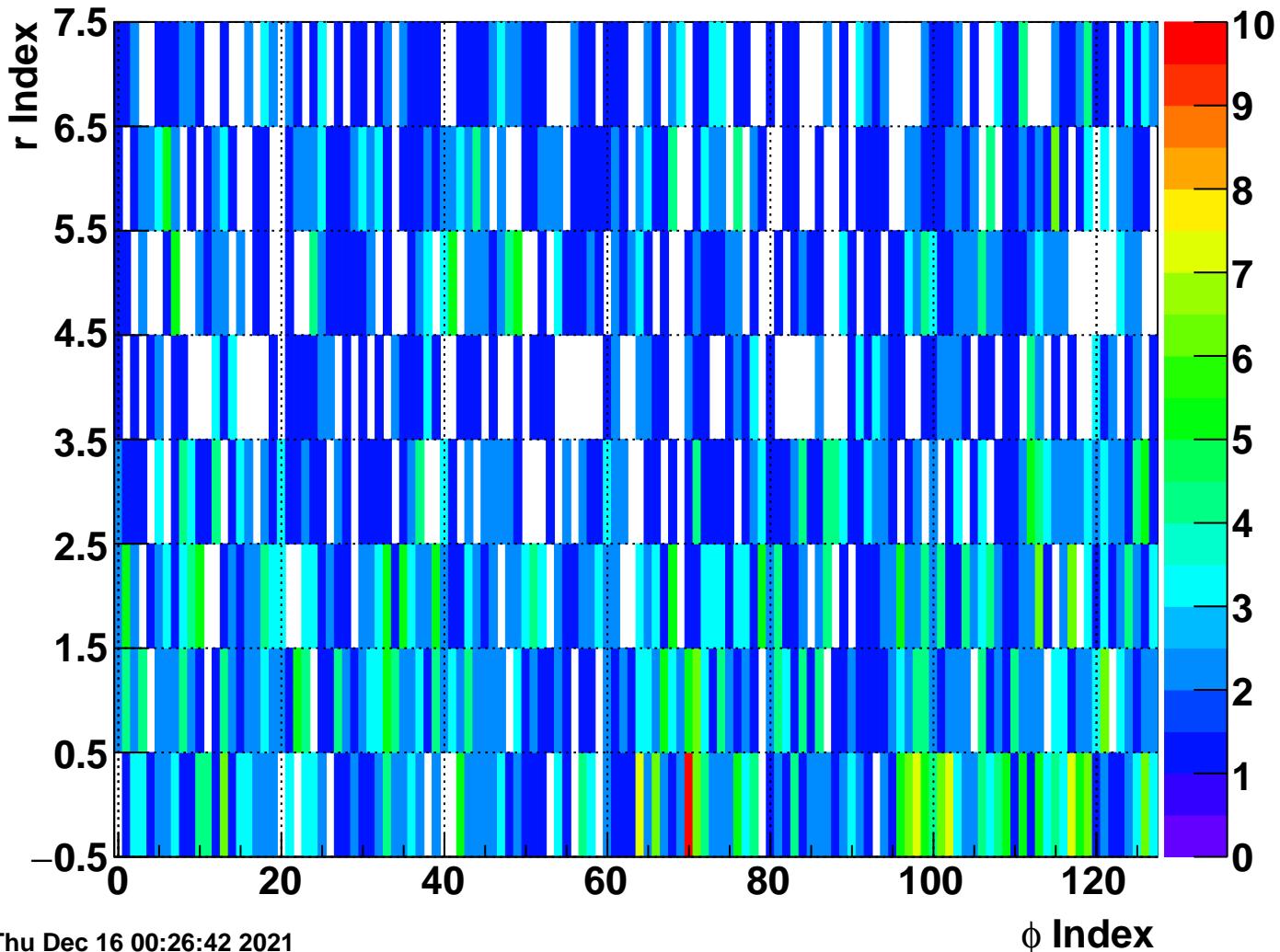
FST - Hit Map (density): Disk1 Module8



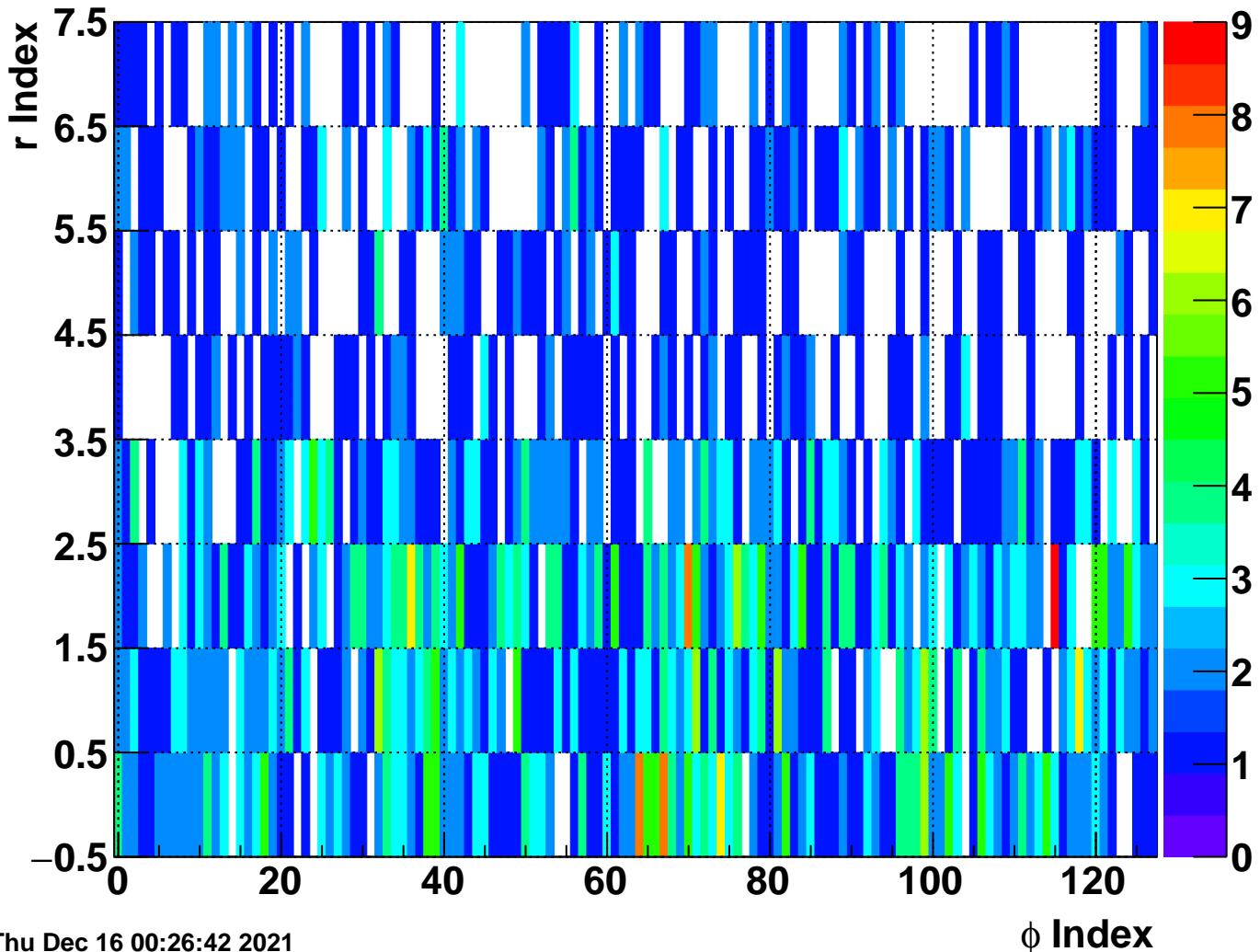
FST - Hit Map (density): Disk1 Module9



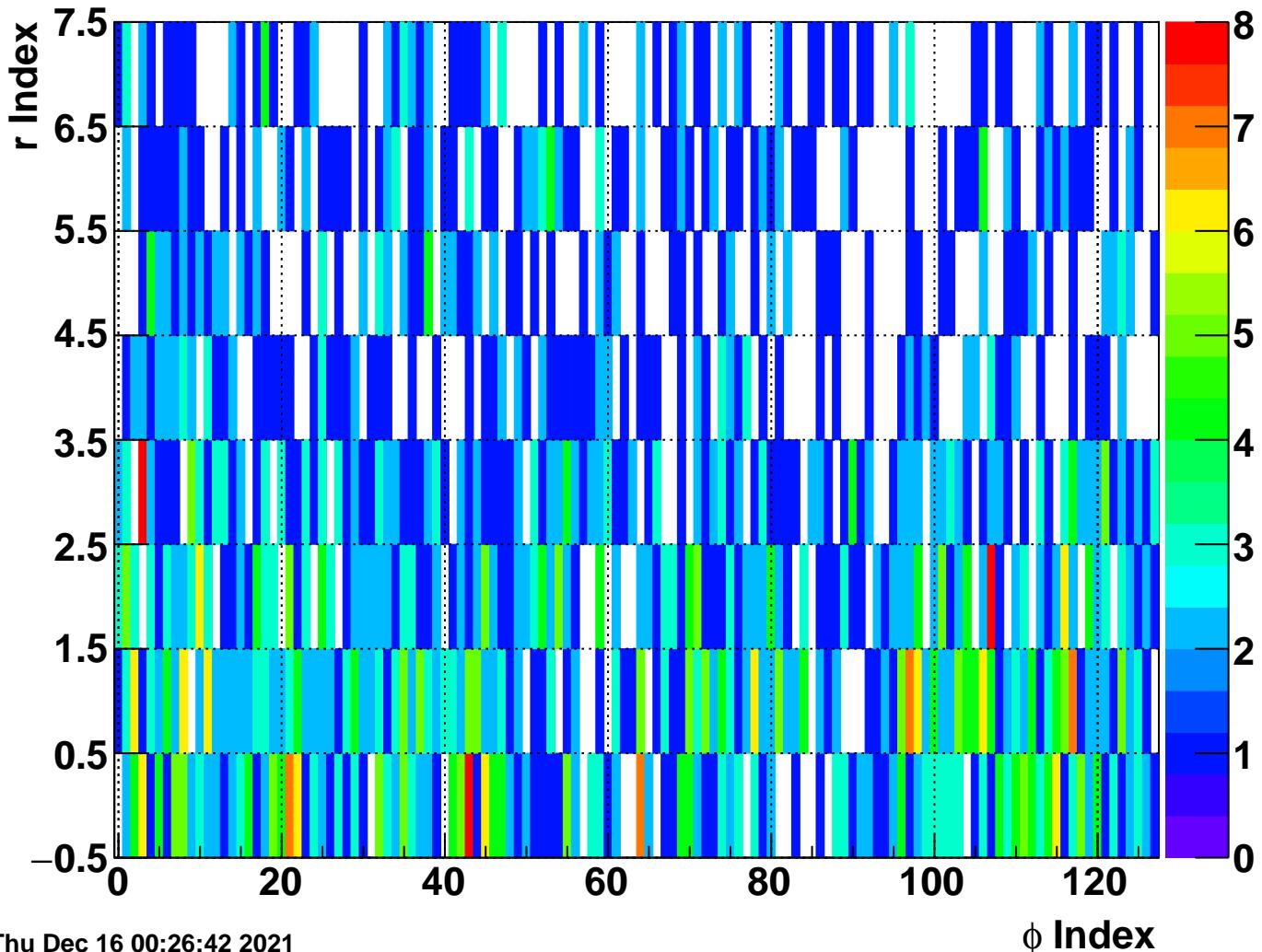
FST - Hit Map (density): Disk1 Module10



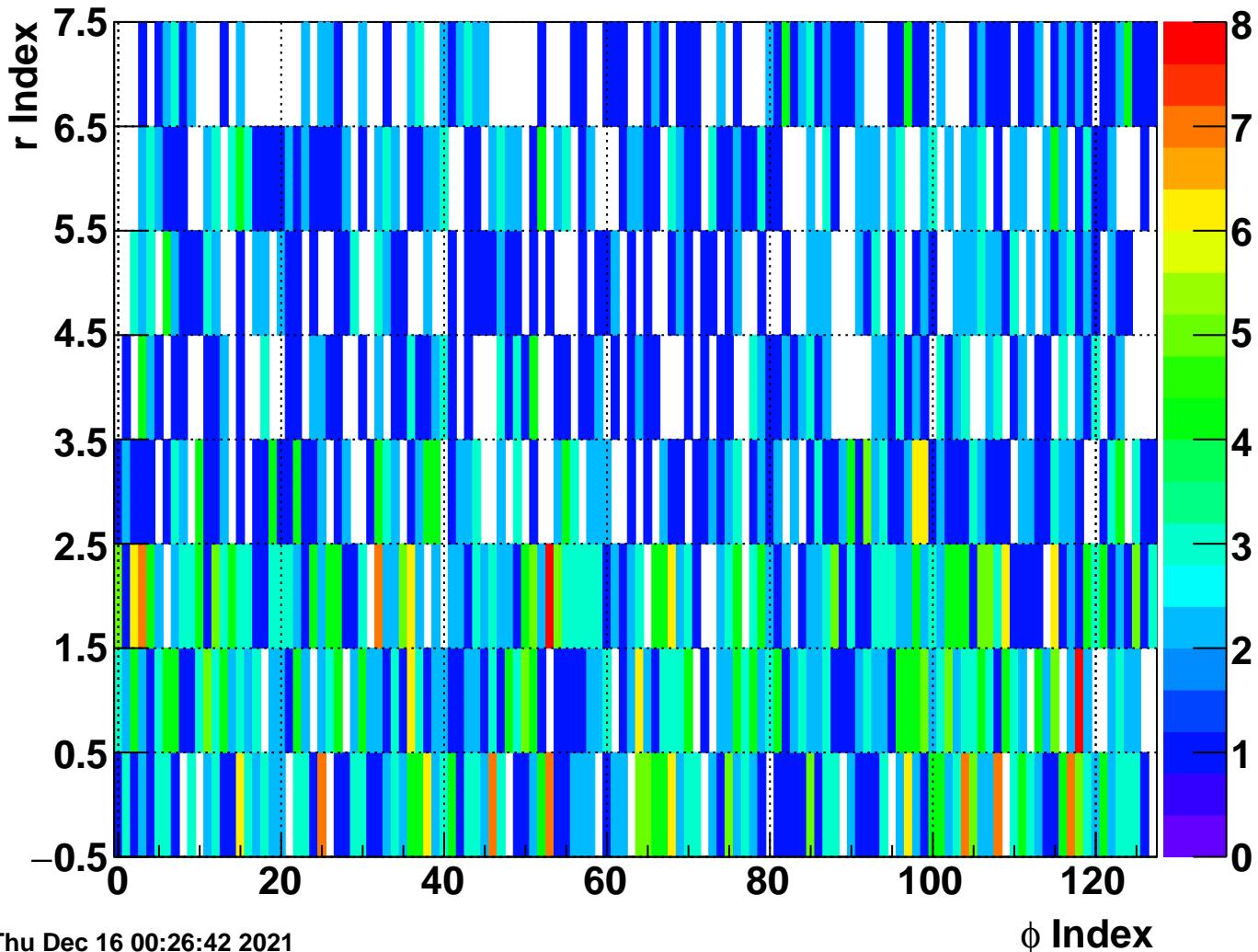
FST - Hit Map (density): Disk1 Module11



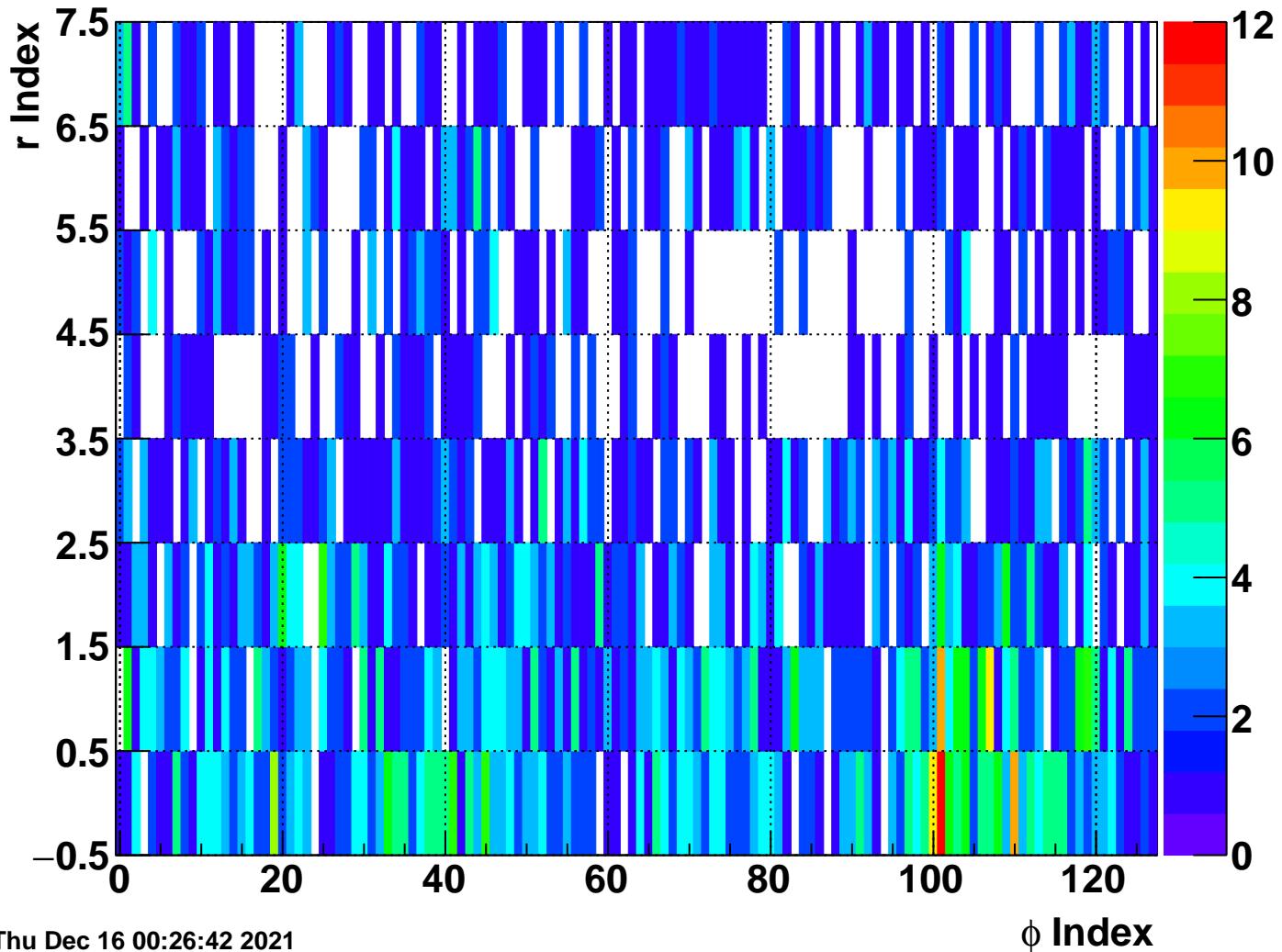
FST - Hit Map (density): Disk1 Module12



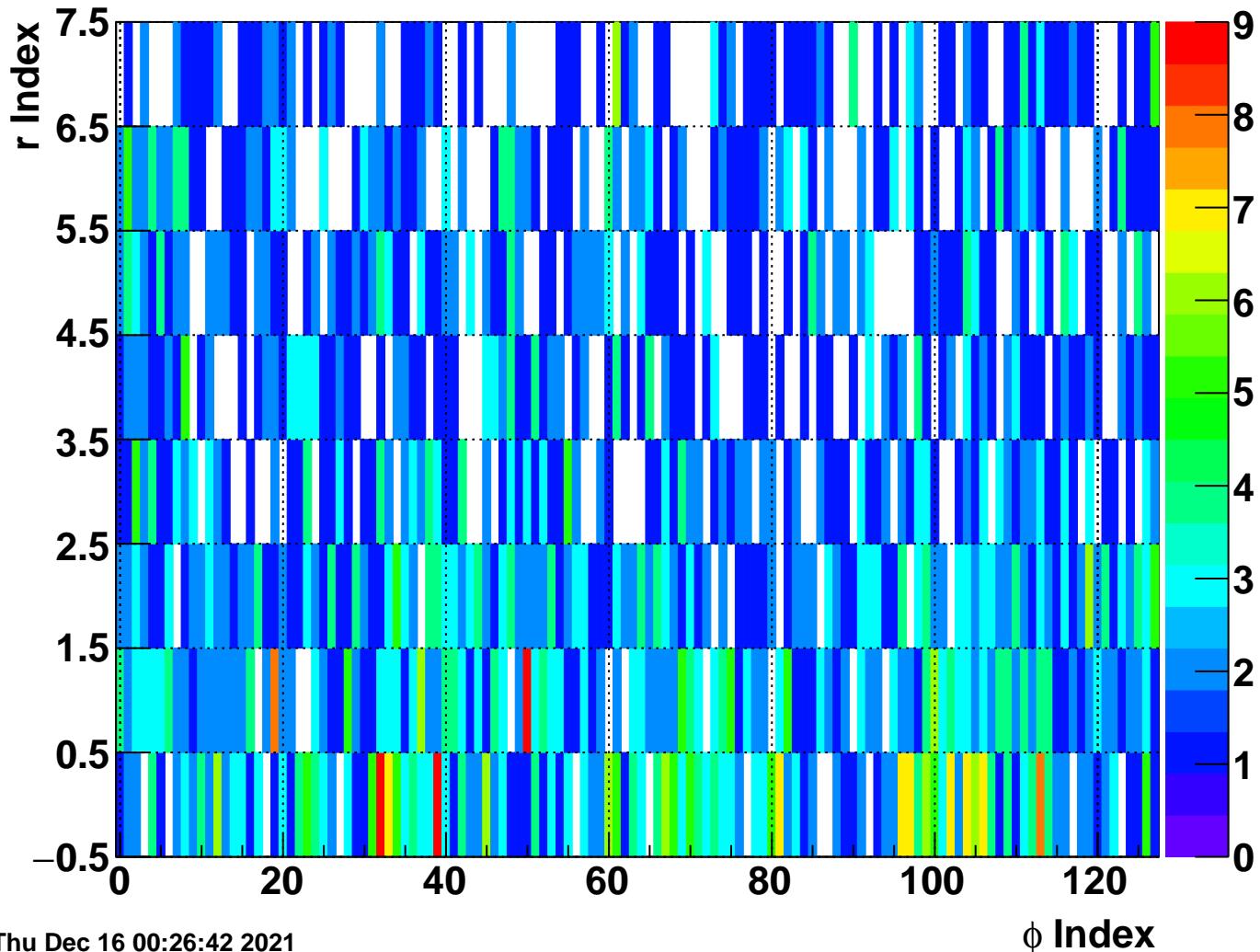
FST - Hit Map (density): Disk2 Module1



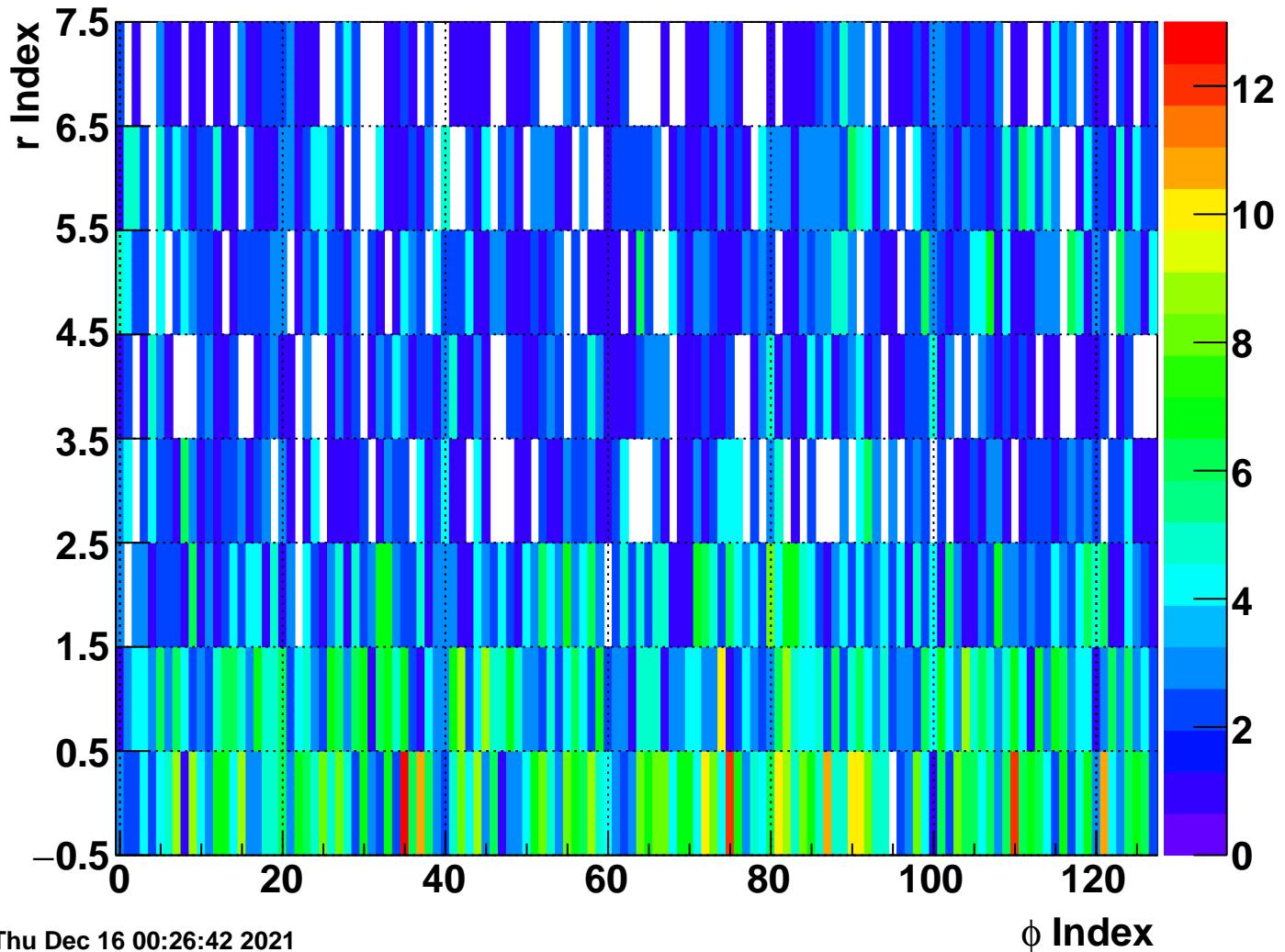
FST - Hit Map (density): Disk2 Module2



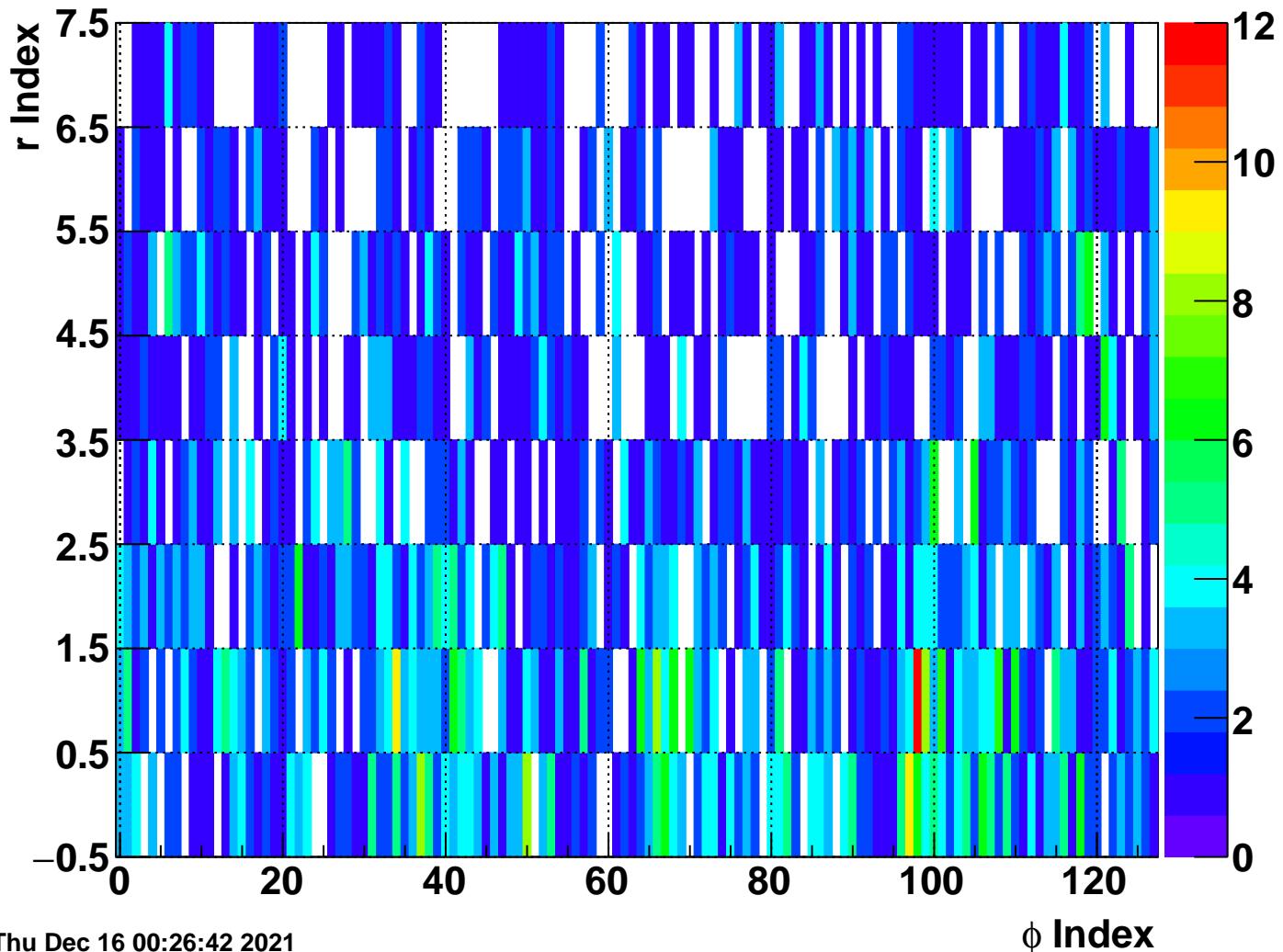
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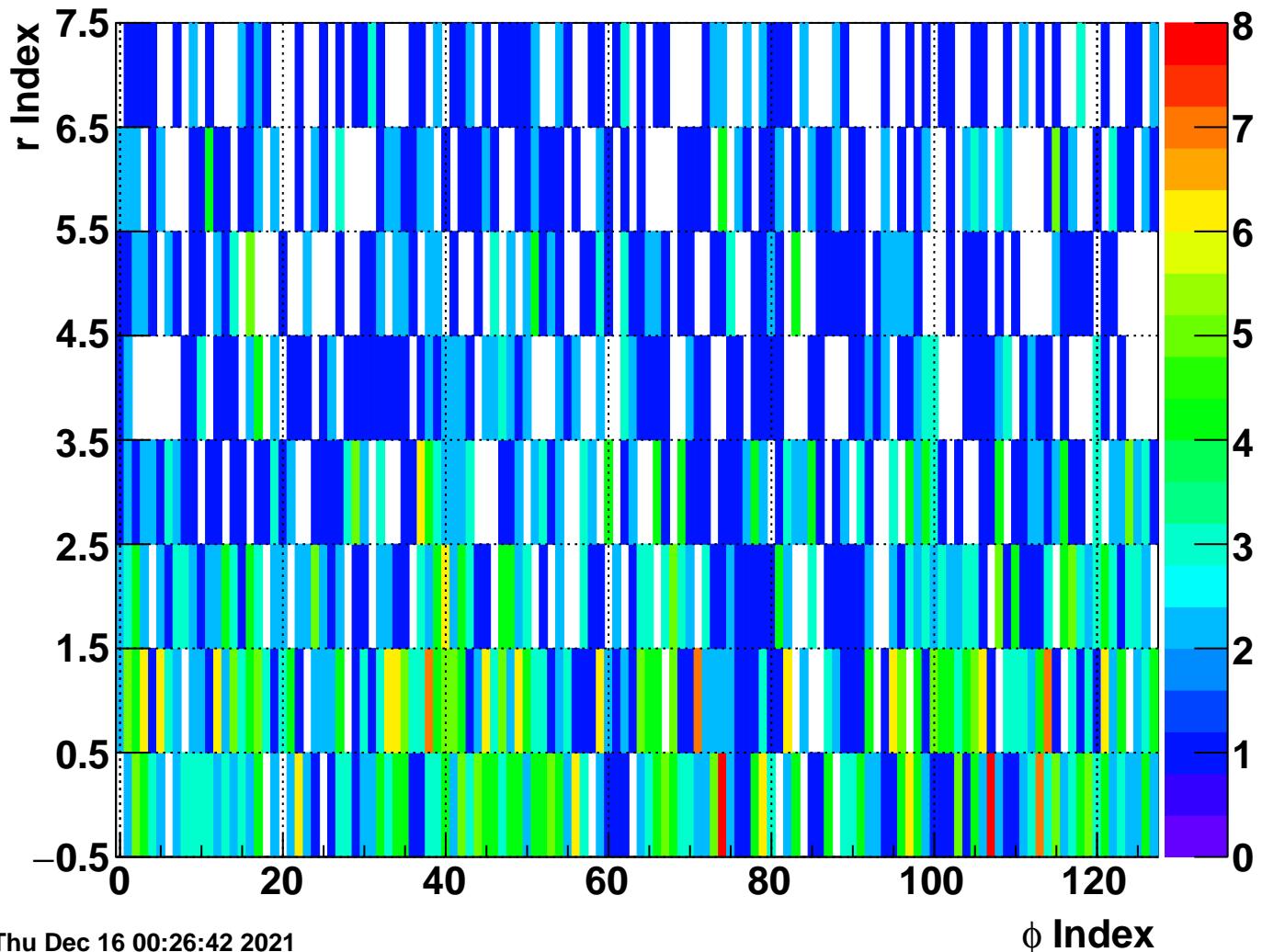
FST - Hit Map (density): Disk2 Module4



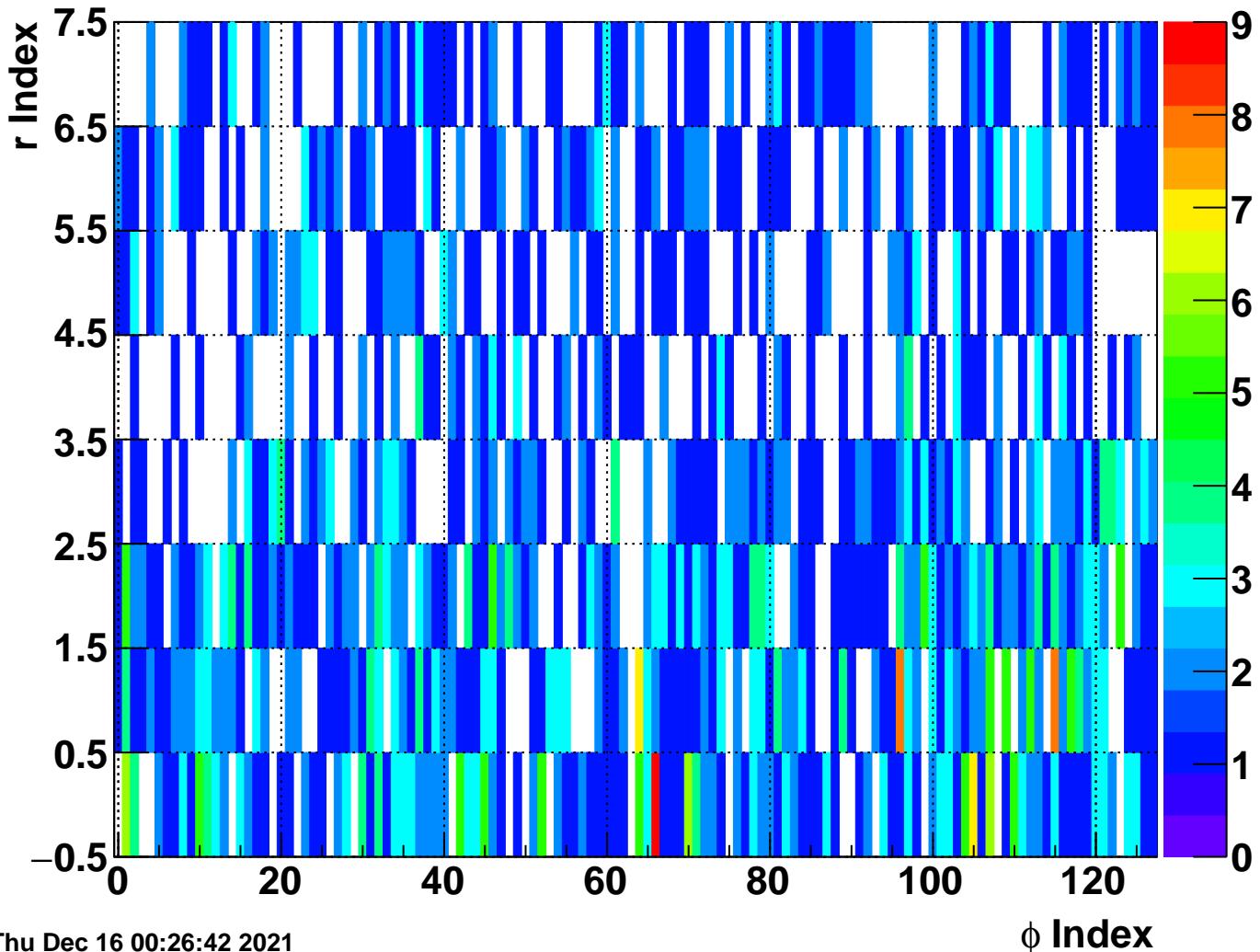
FST - Hit Map (density): Disk2 Module5



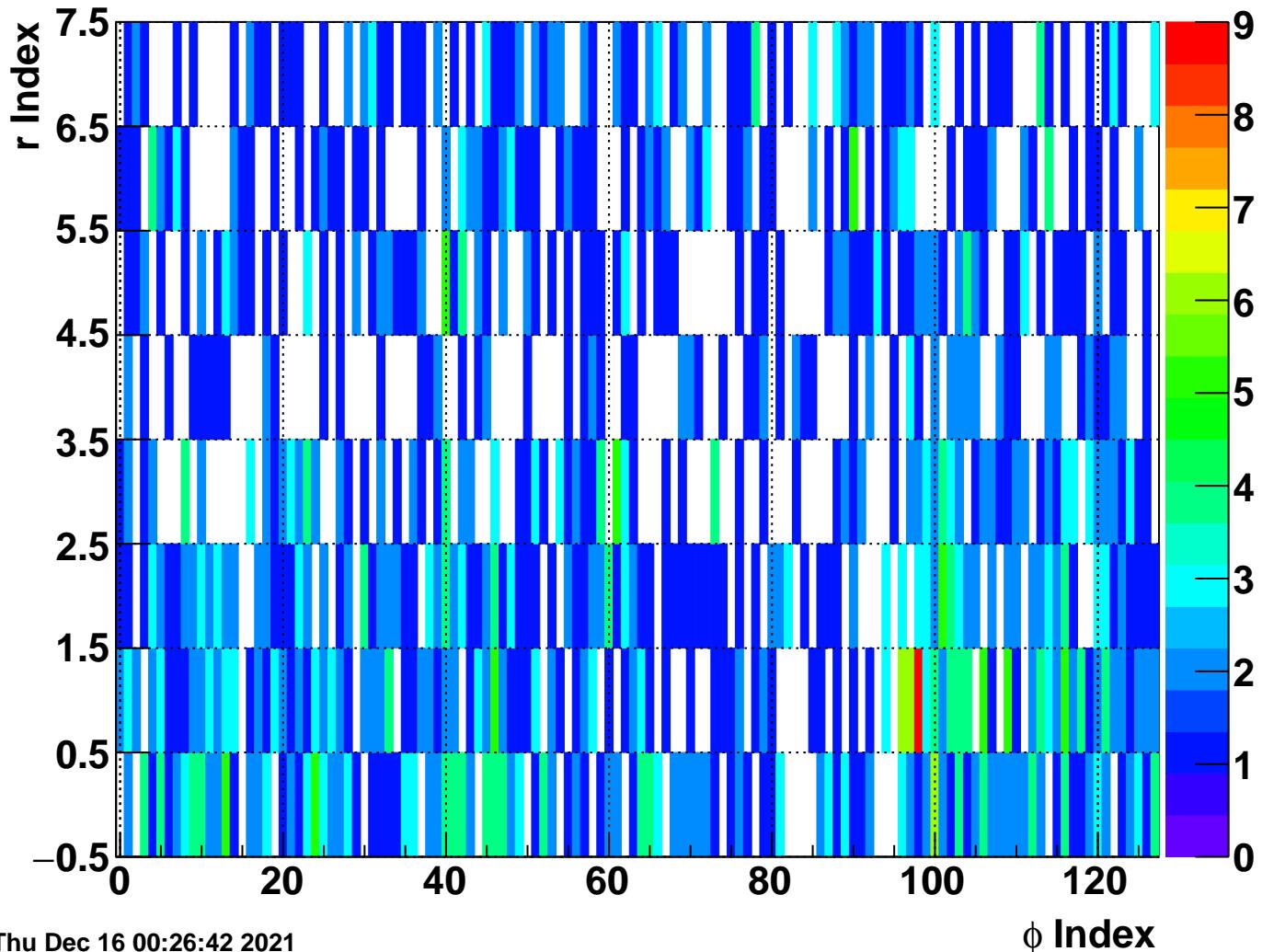
FST - Hit Map (density): Disk2 Module6



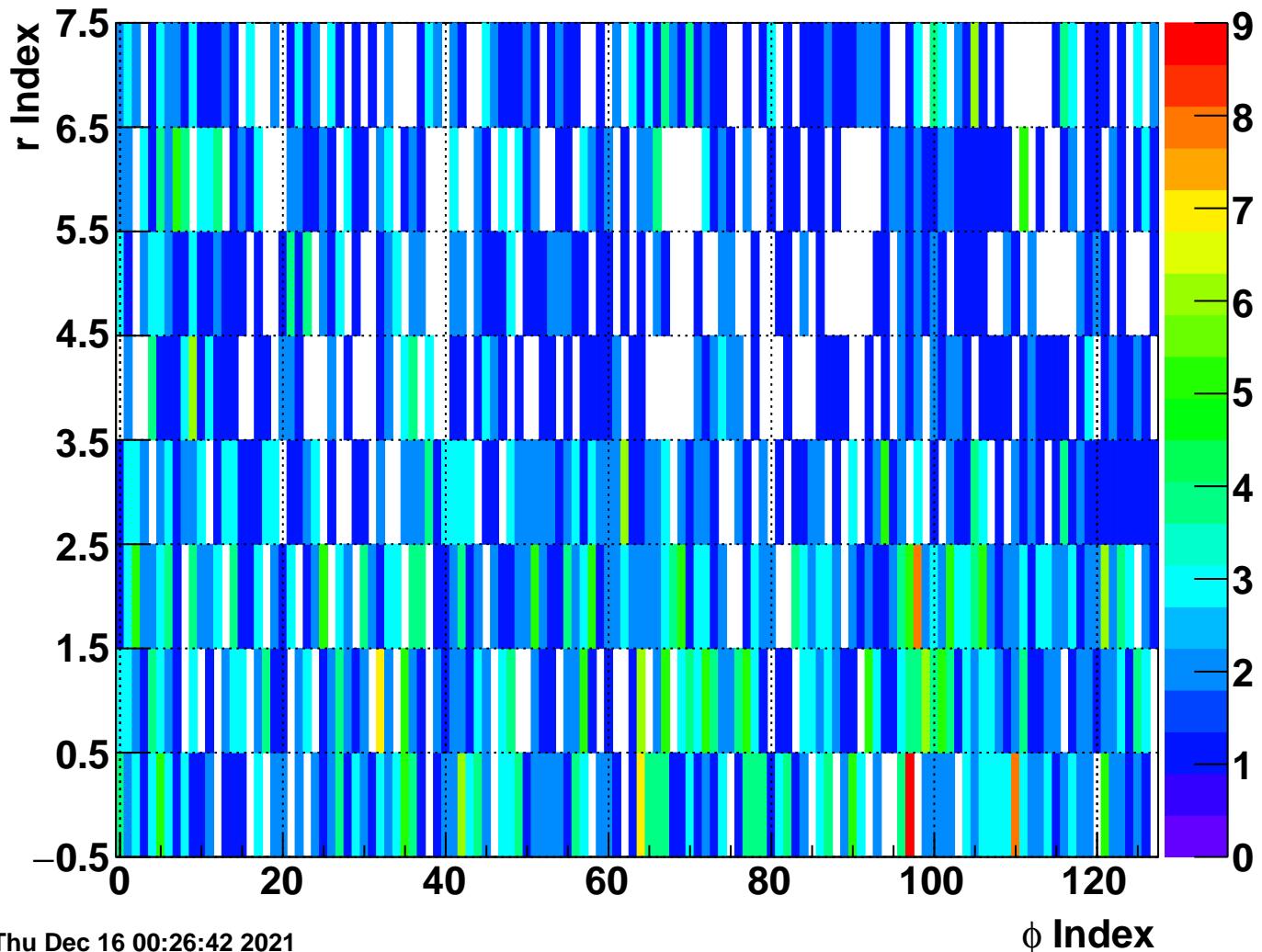
FST - Hit Map (density): Disk2 Module7



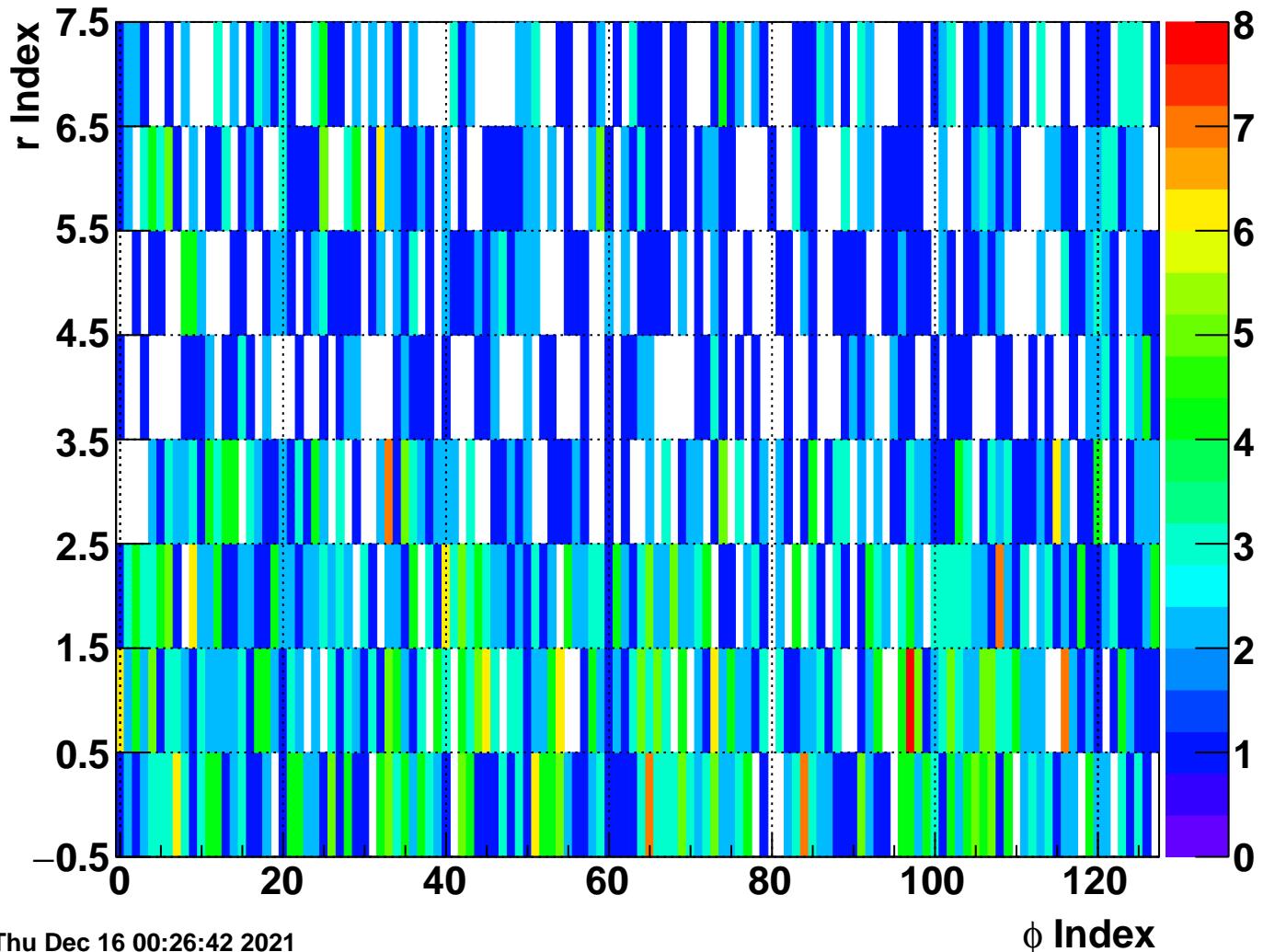
FST - Hit Map (density): Disk2 Module8



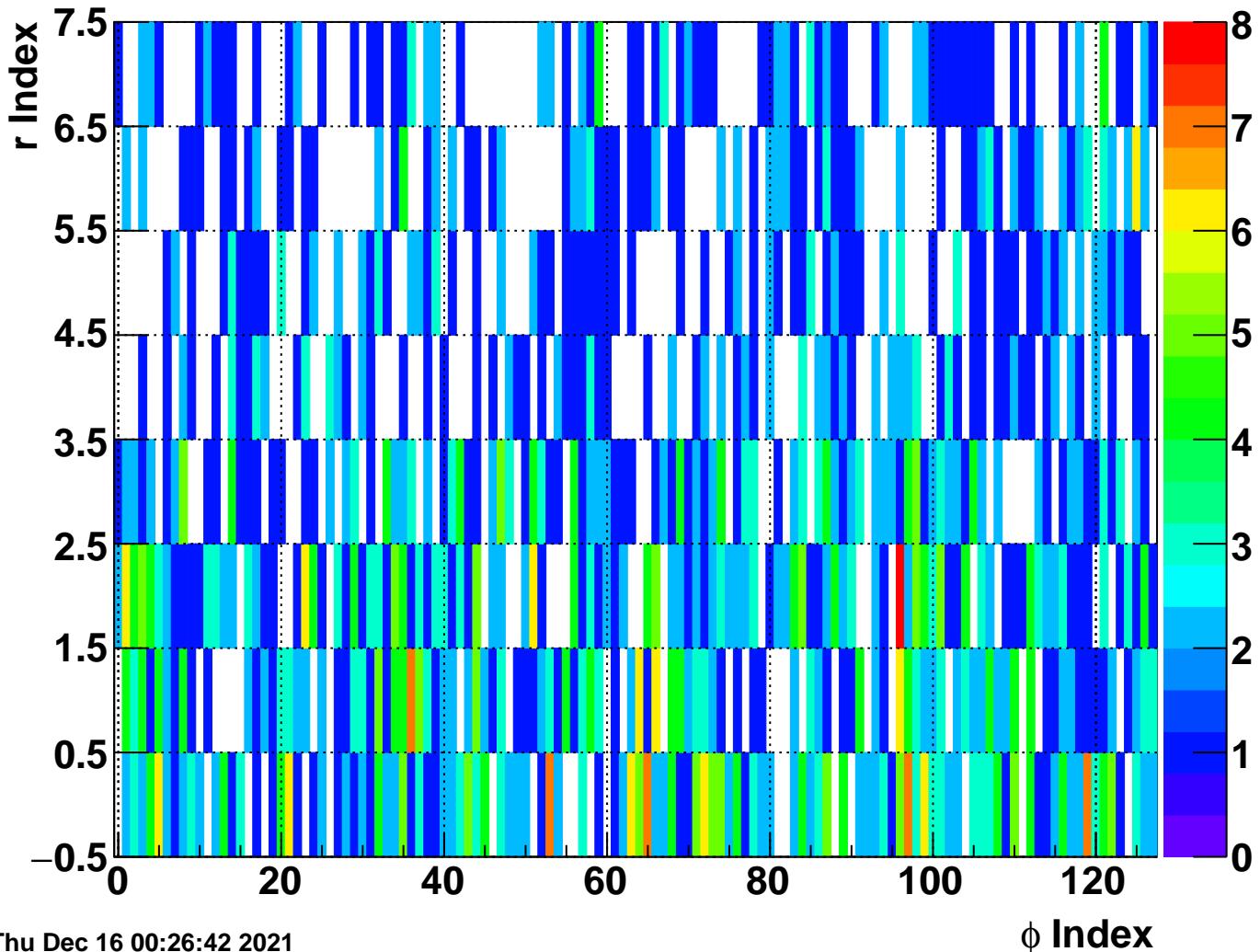
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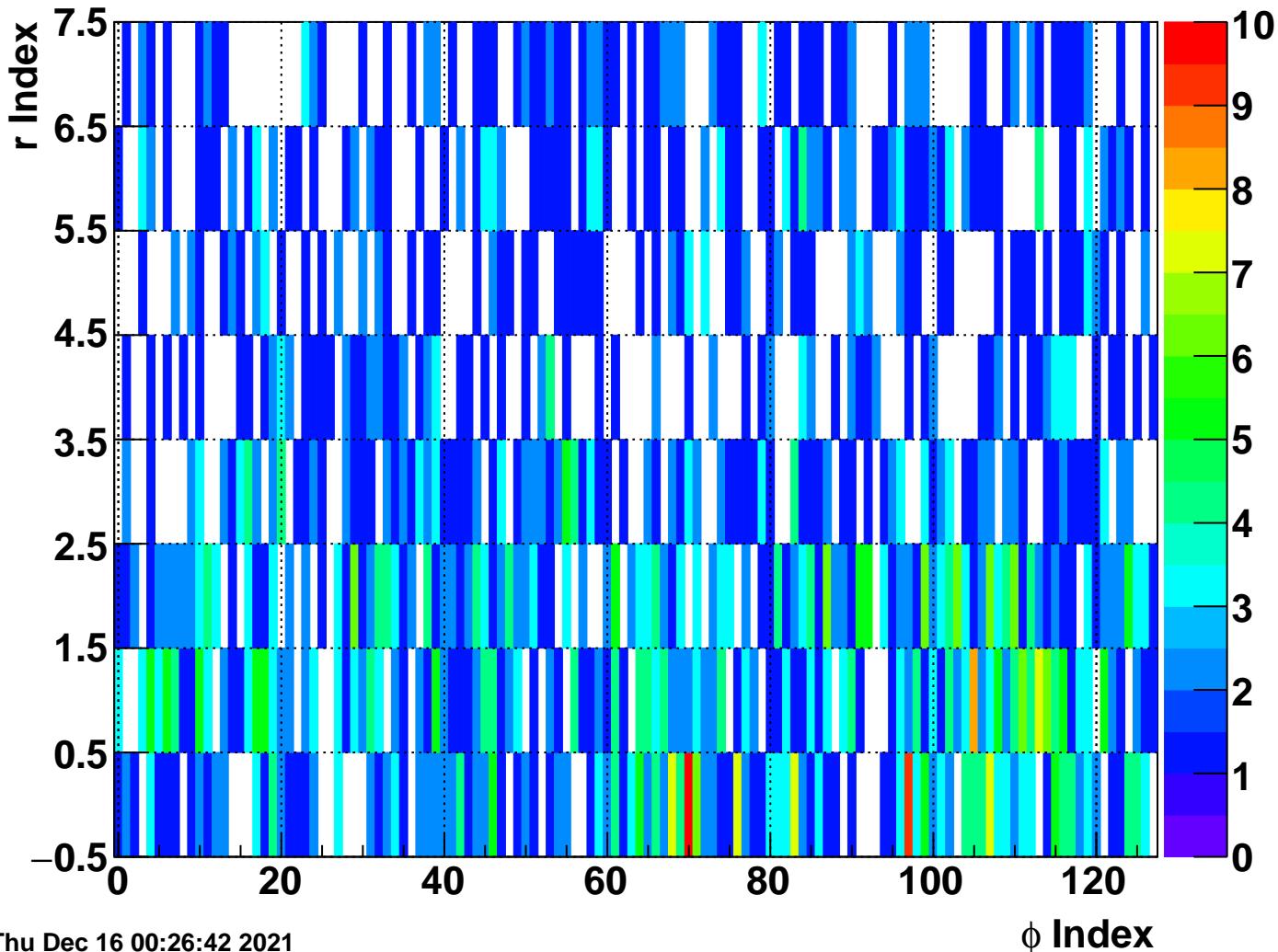
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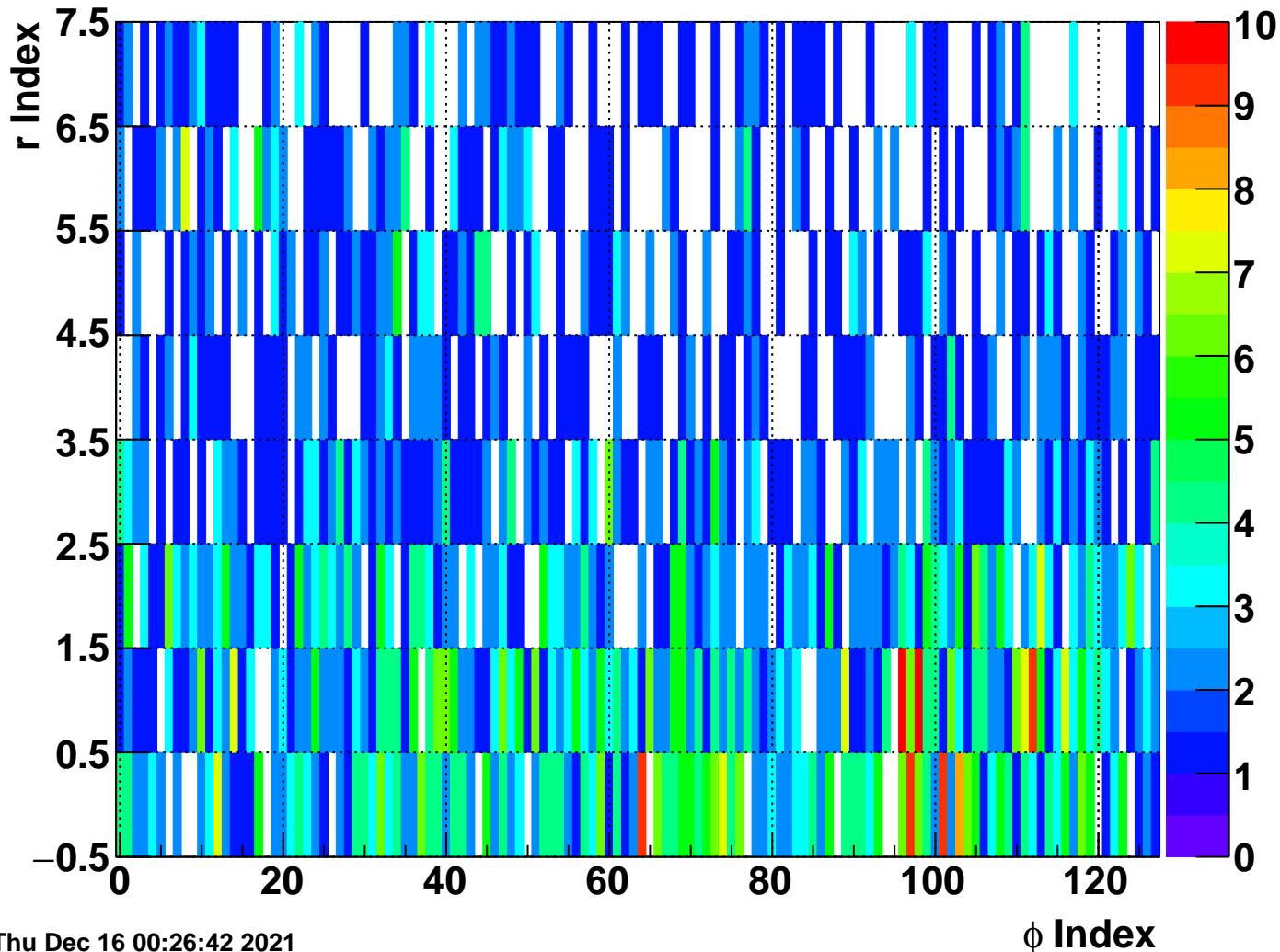
FST - Hit Map (density): Disk2 Module11



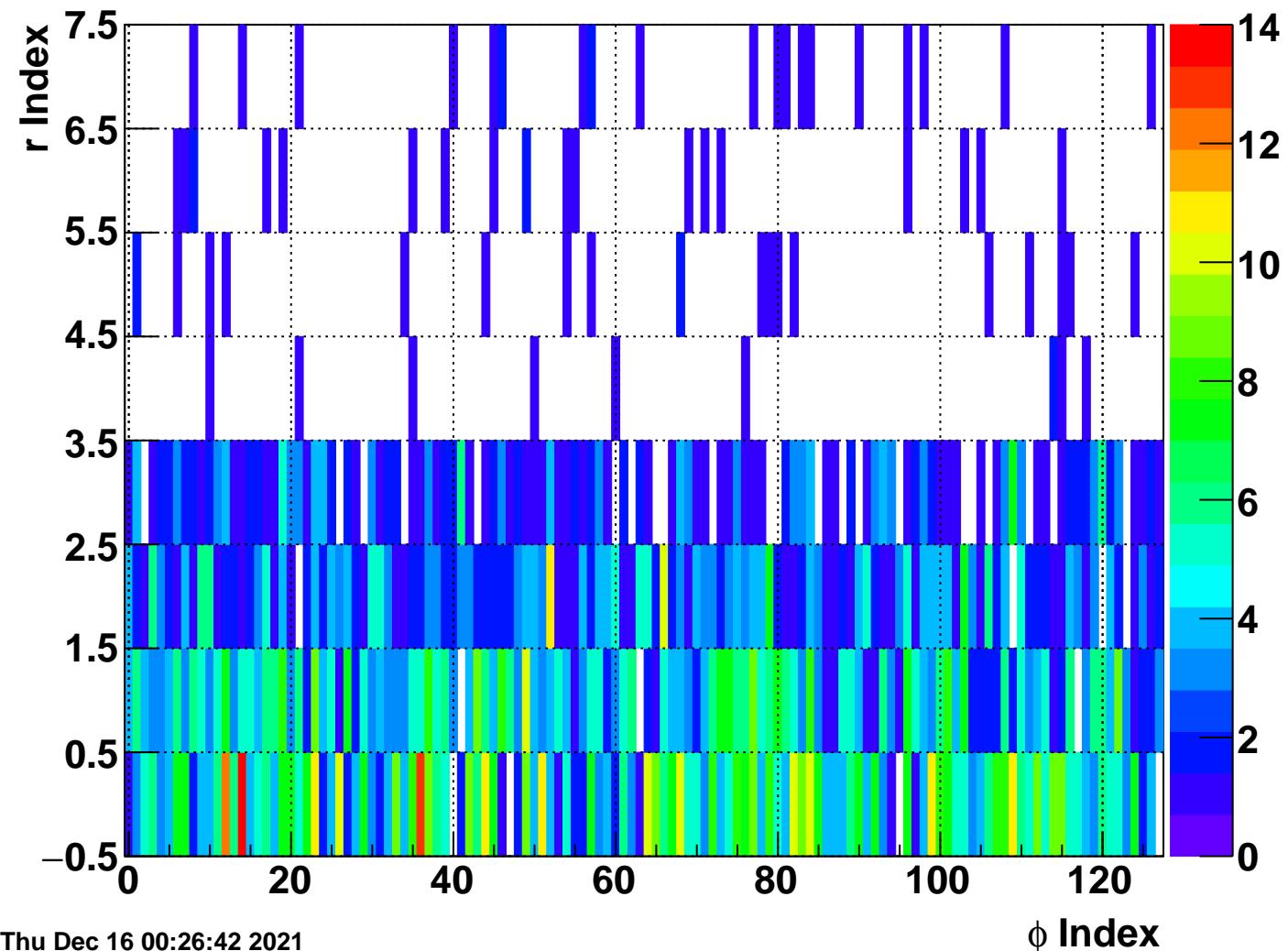
FST - Hit Map (density): Disk2 Module12



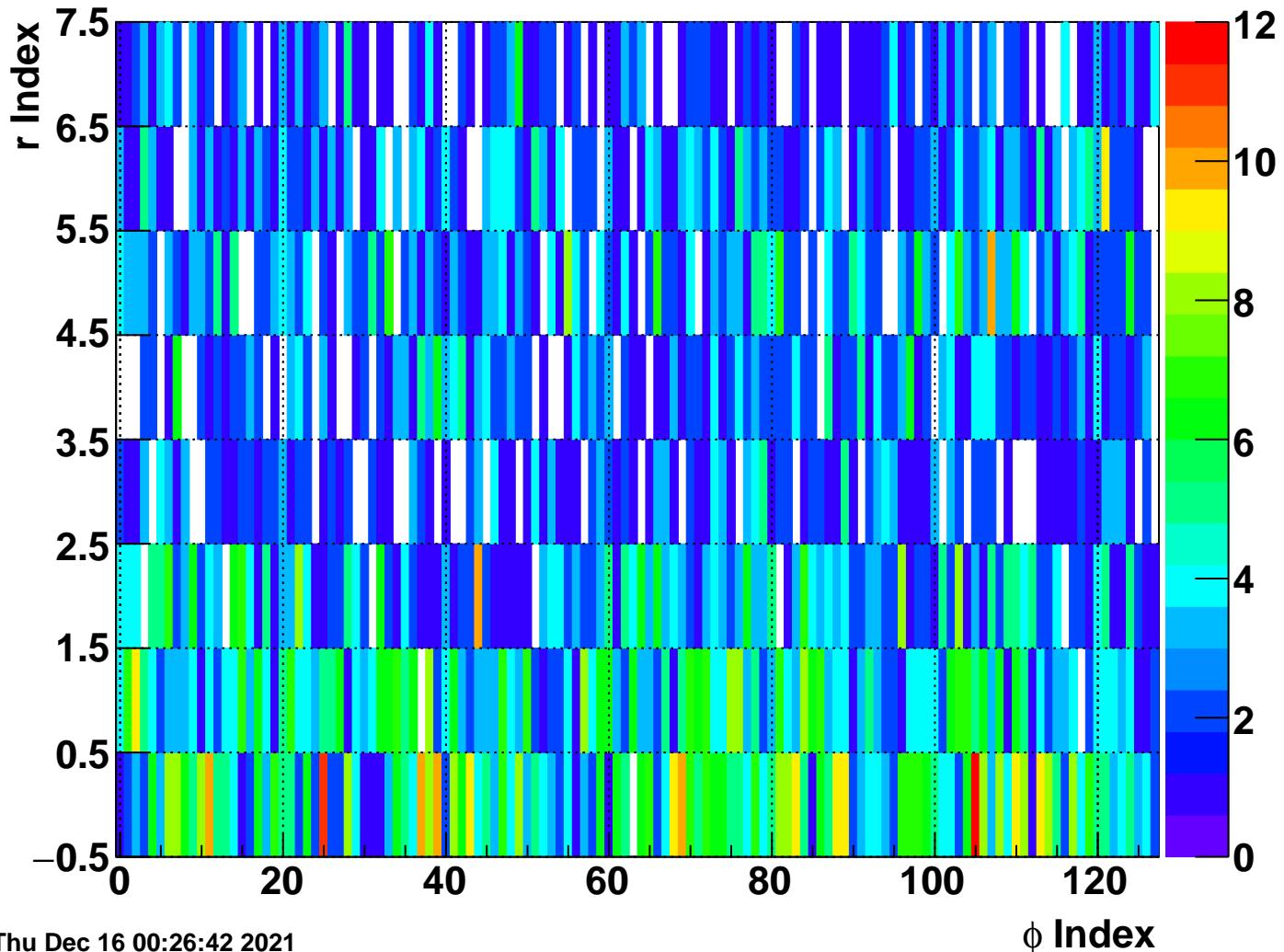
FST - Hit Map (density): Disk3 Module1



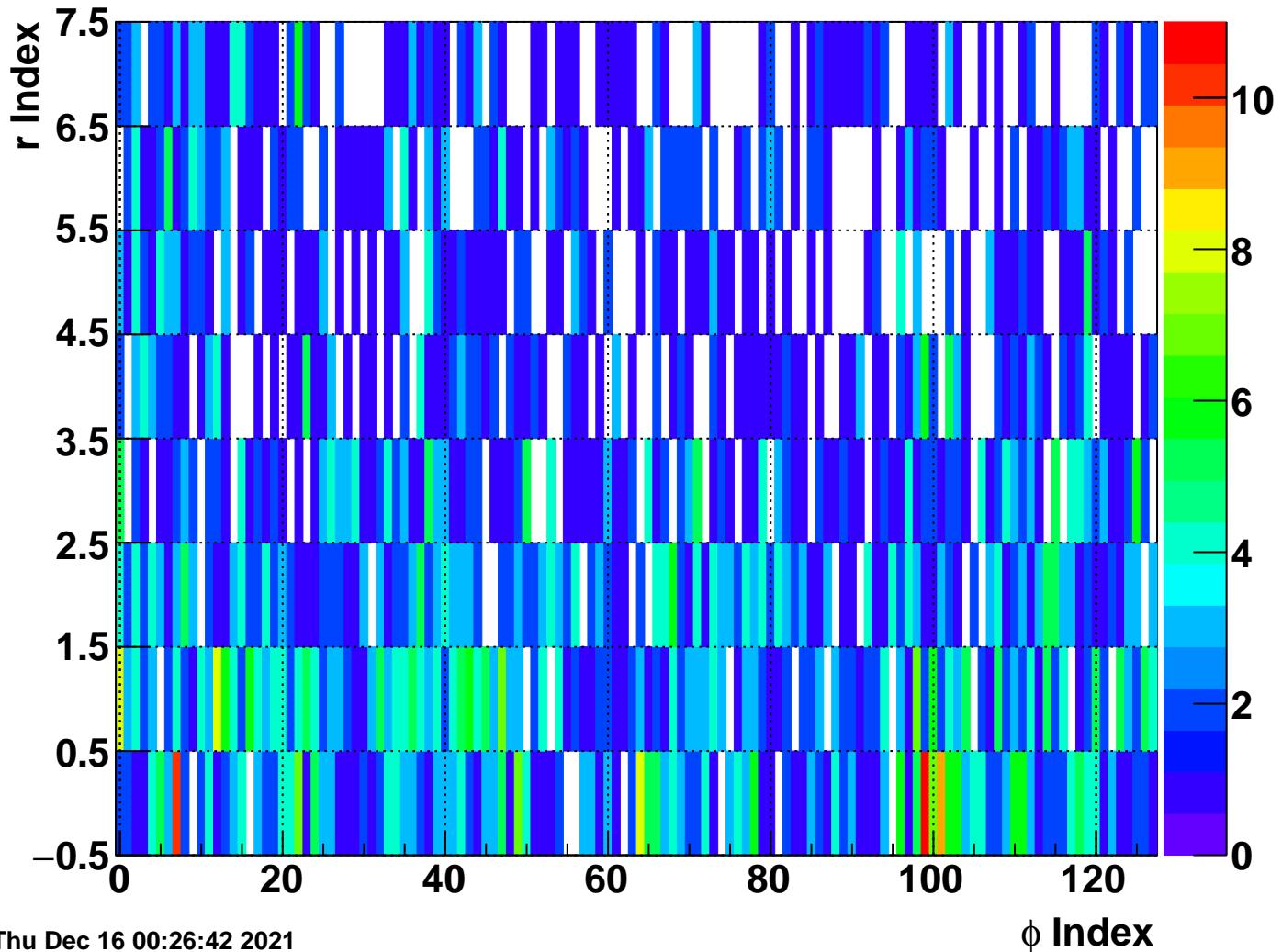
FST - Hit Map (density): Disk3 Module2



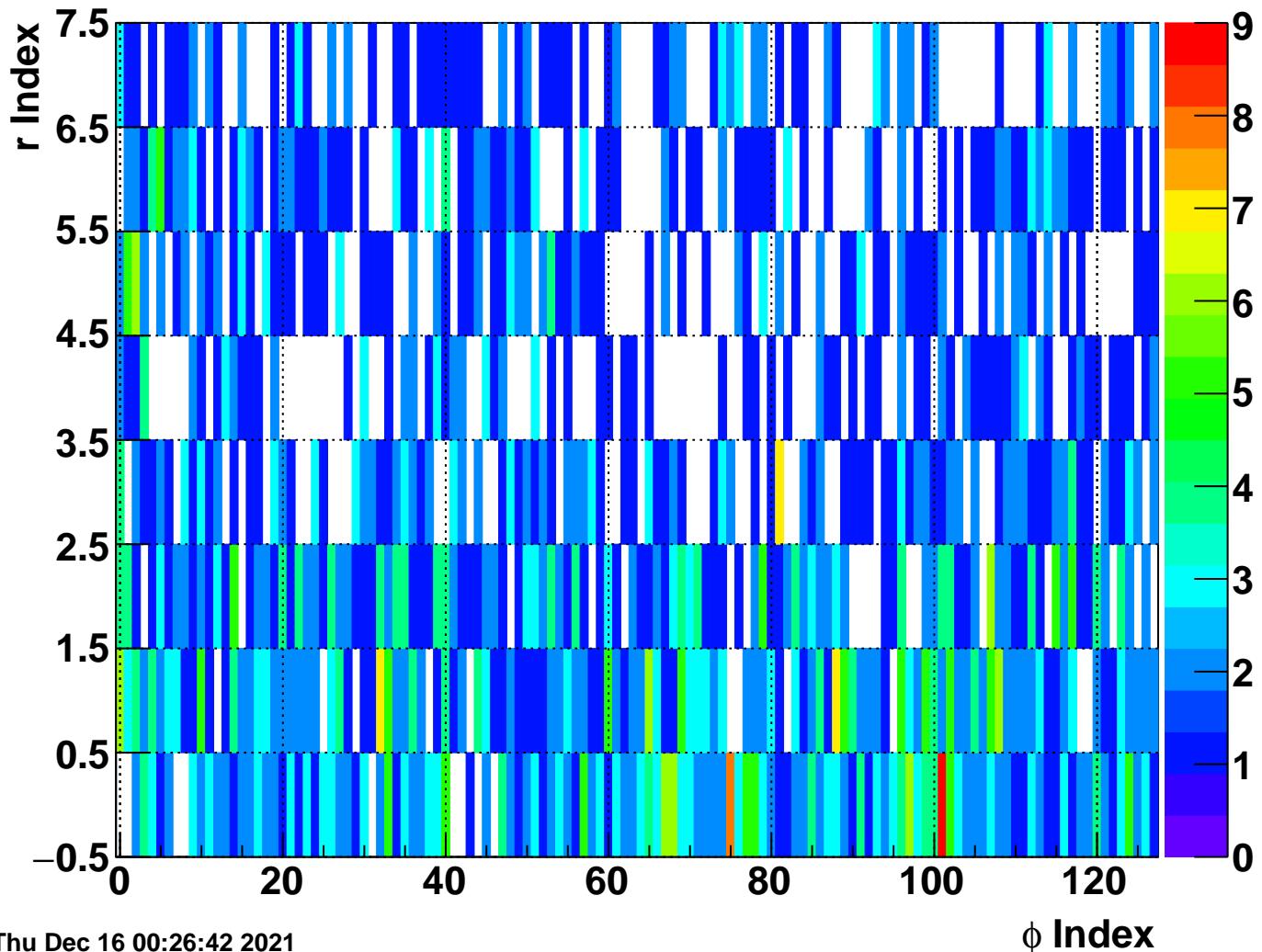
FST - Hit Map (density): Disk3 Module3



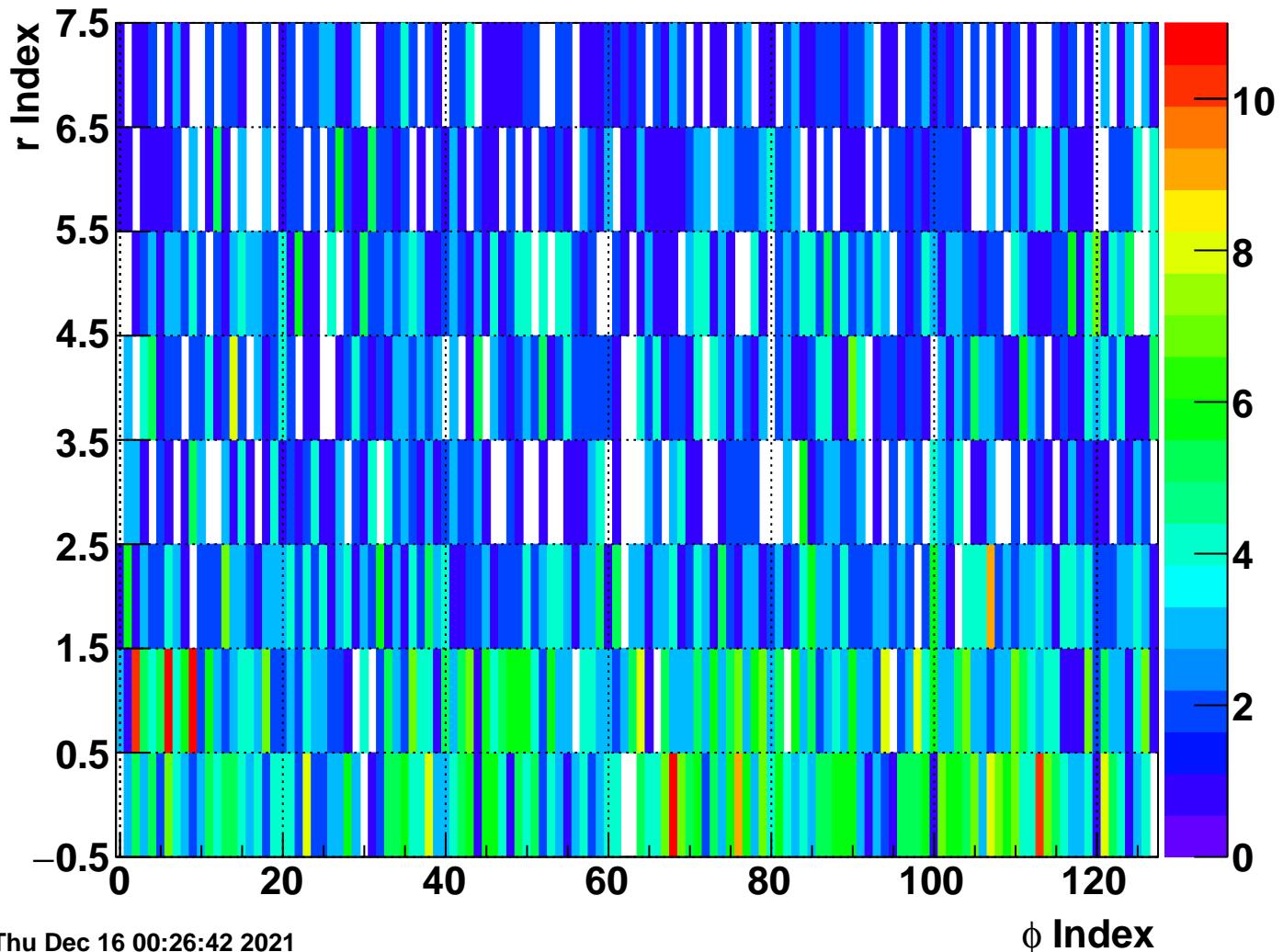
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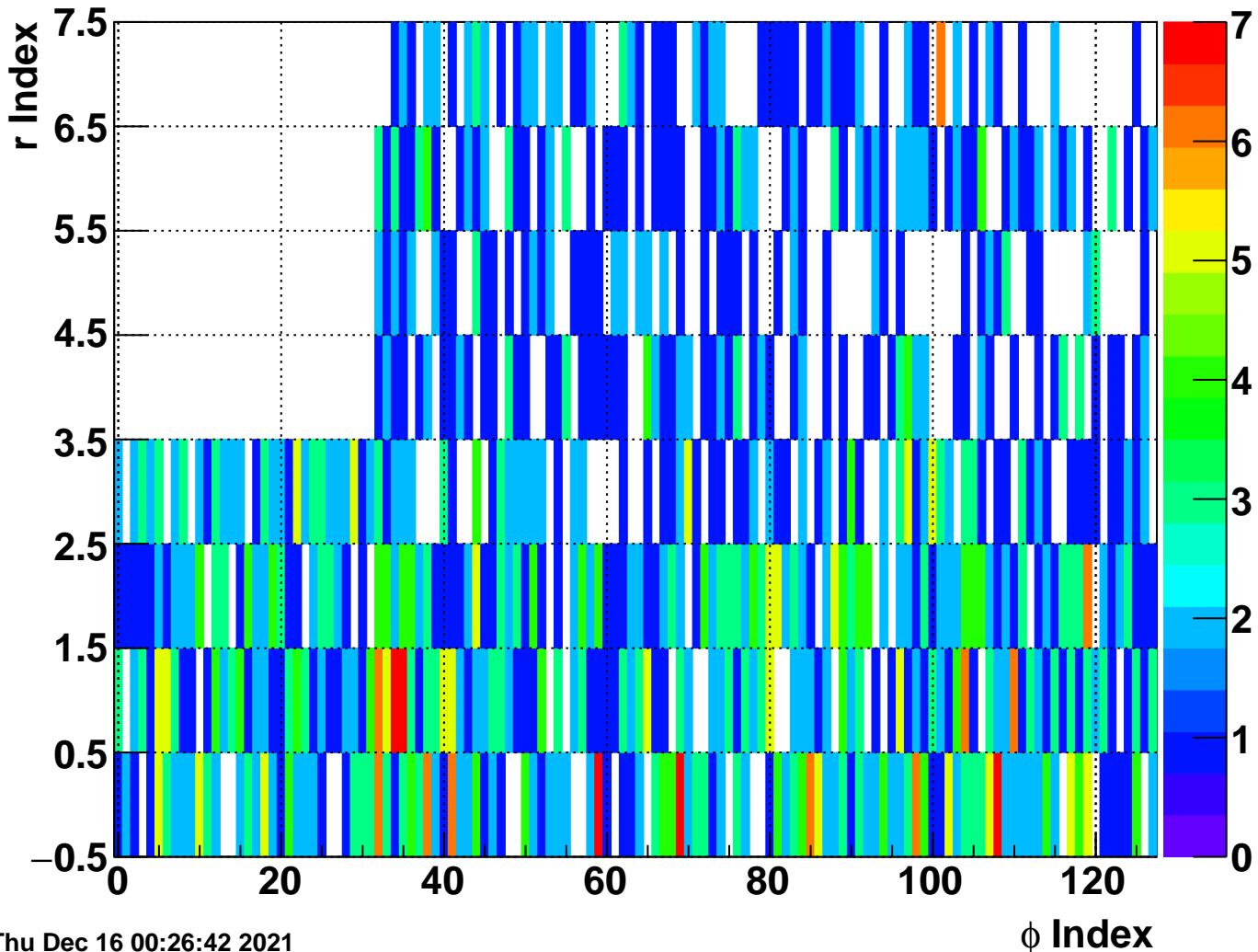
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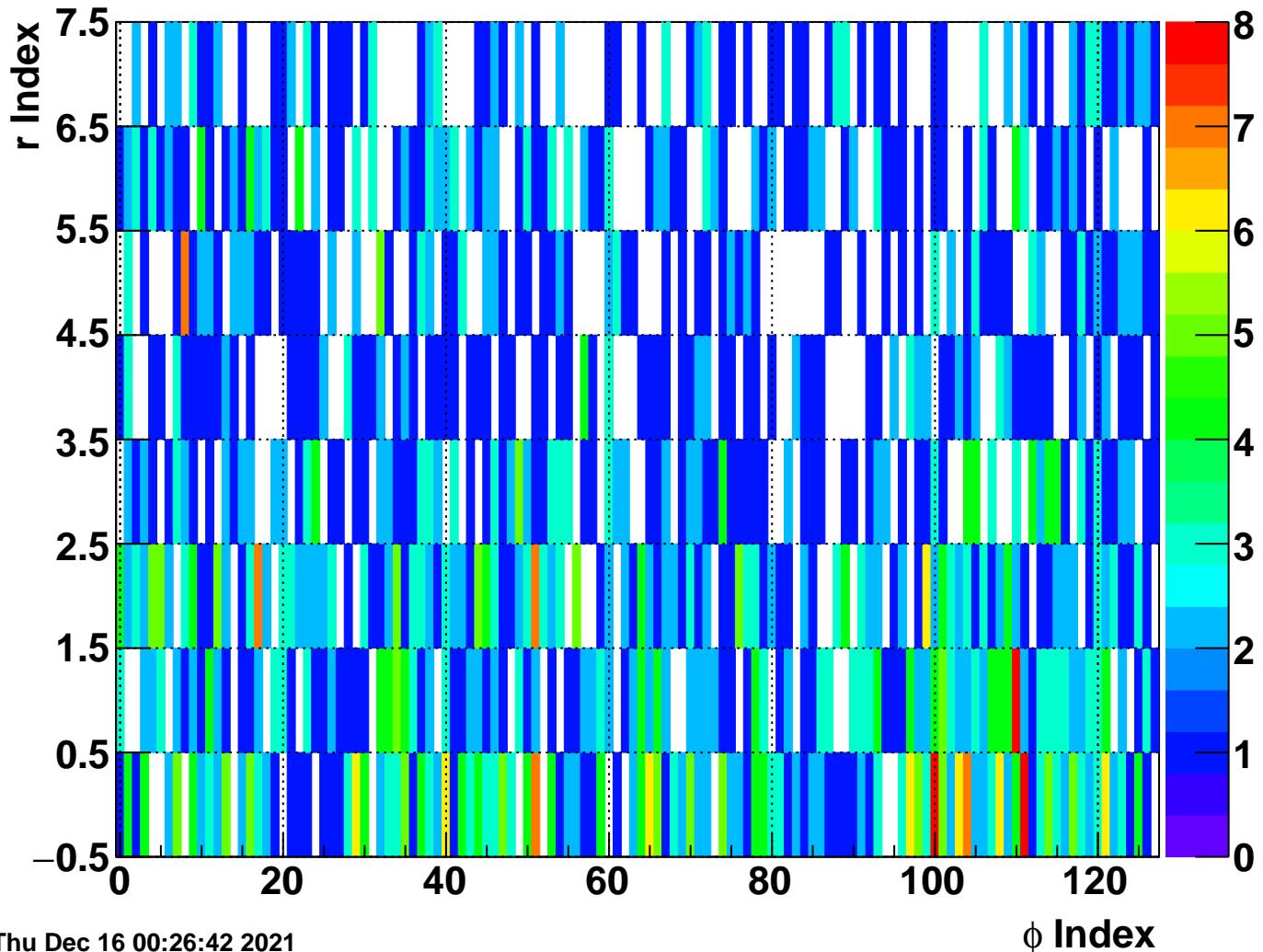
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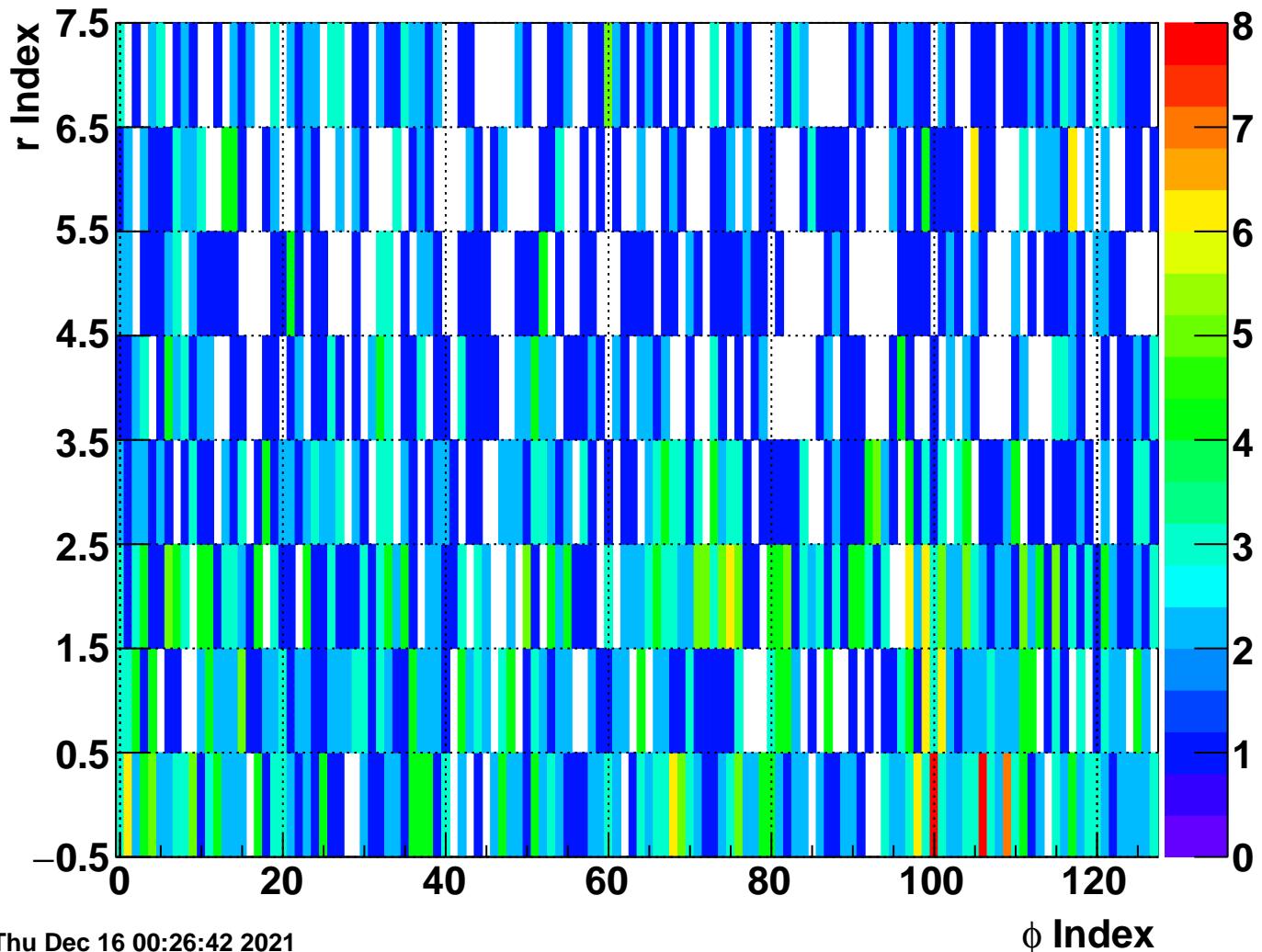
FST - Hit Map (density): Disk3 Module7



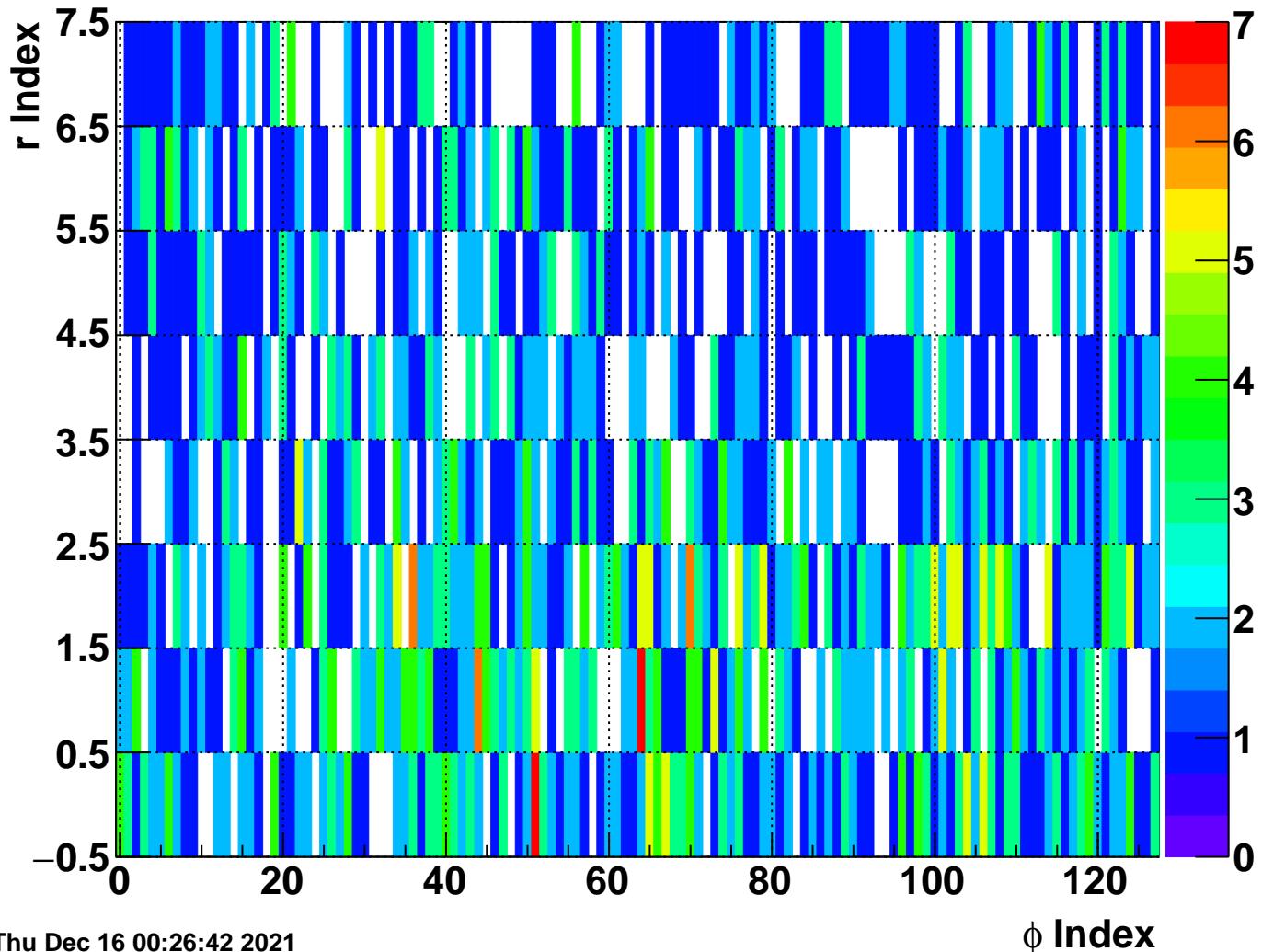
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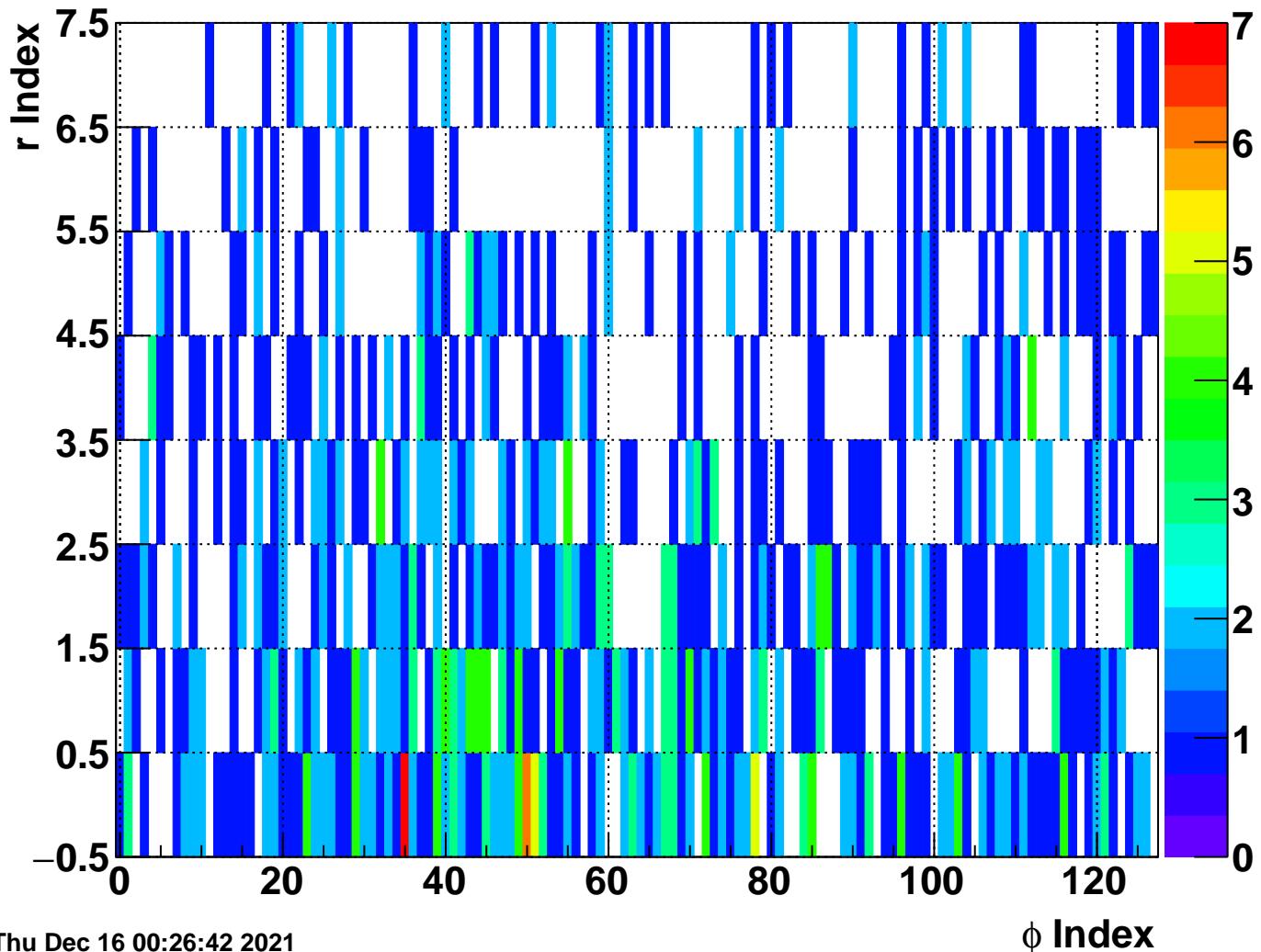
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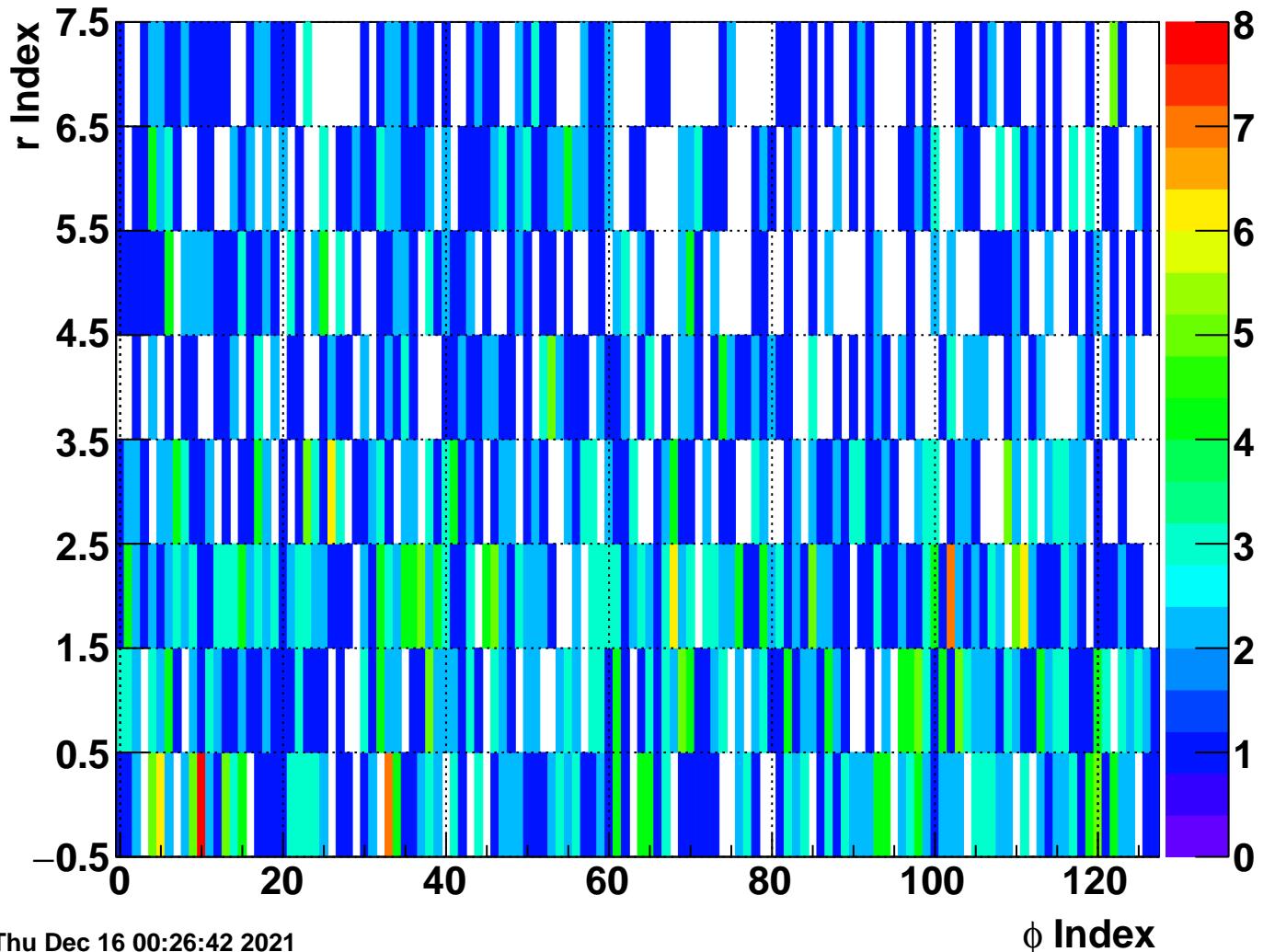
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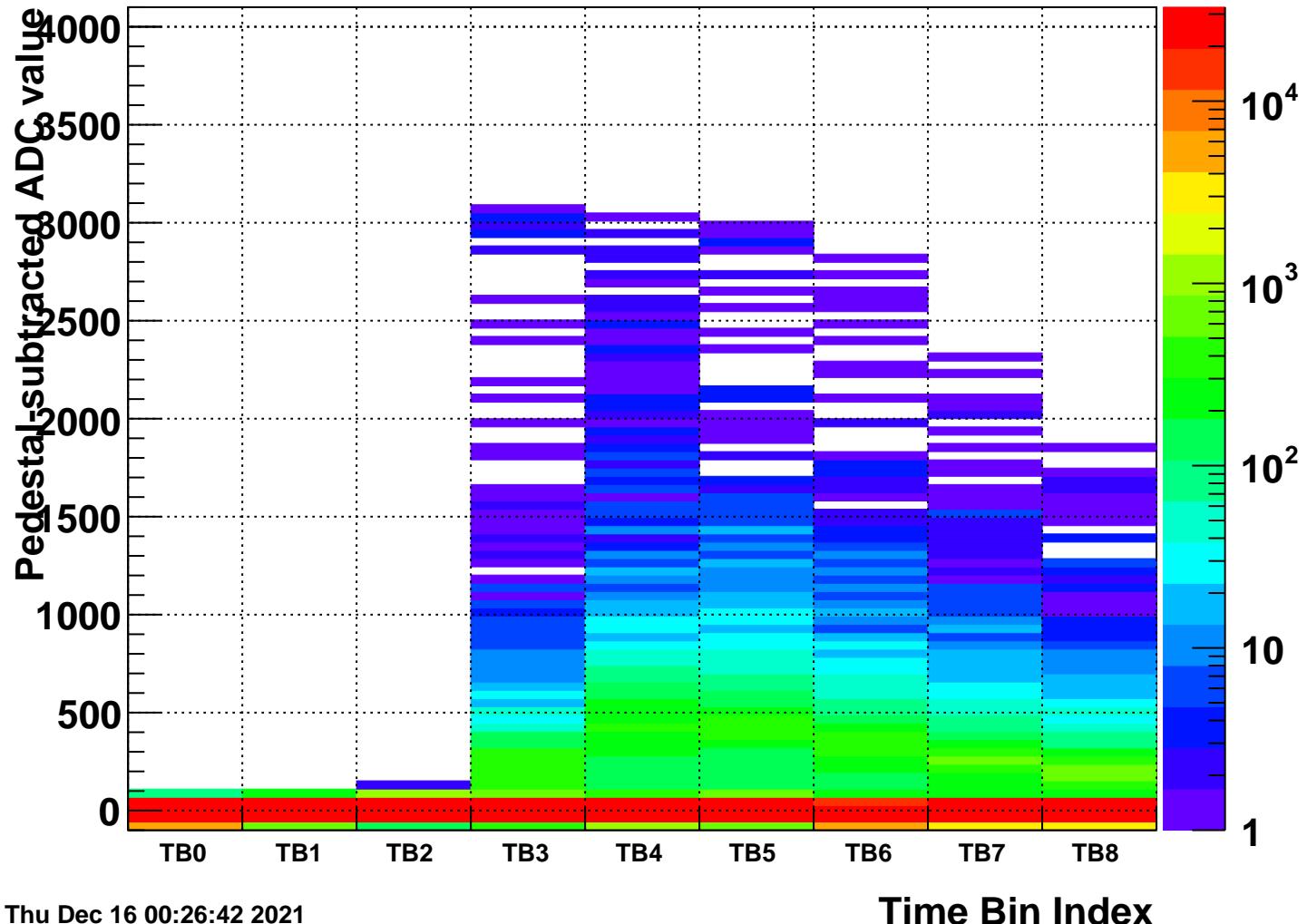
FST - Hit Map (density): Disk3 Module11



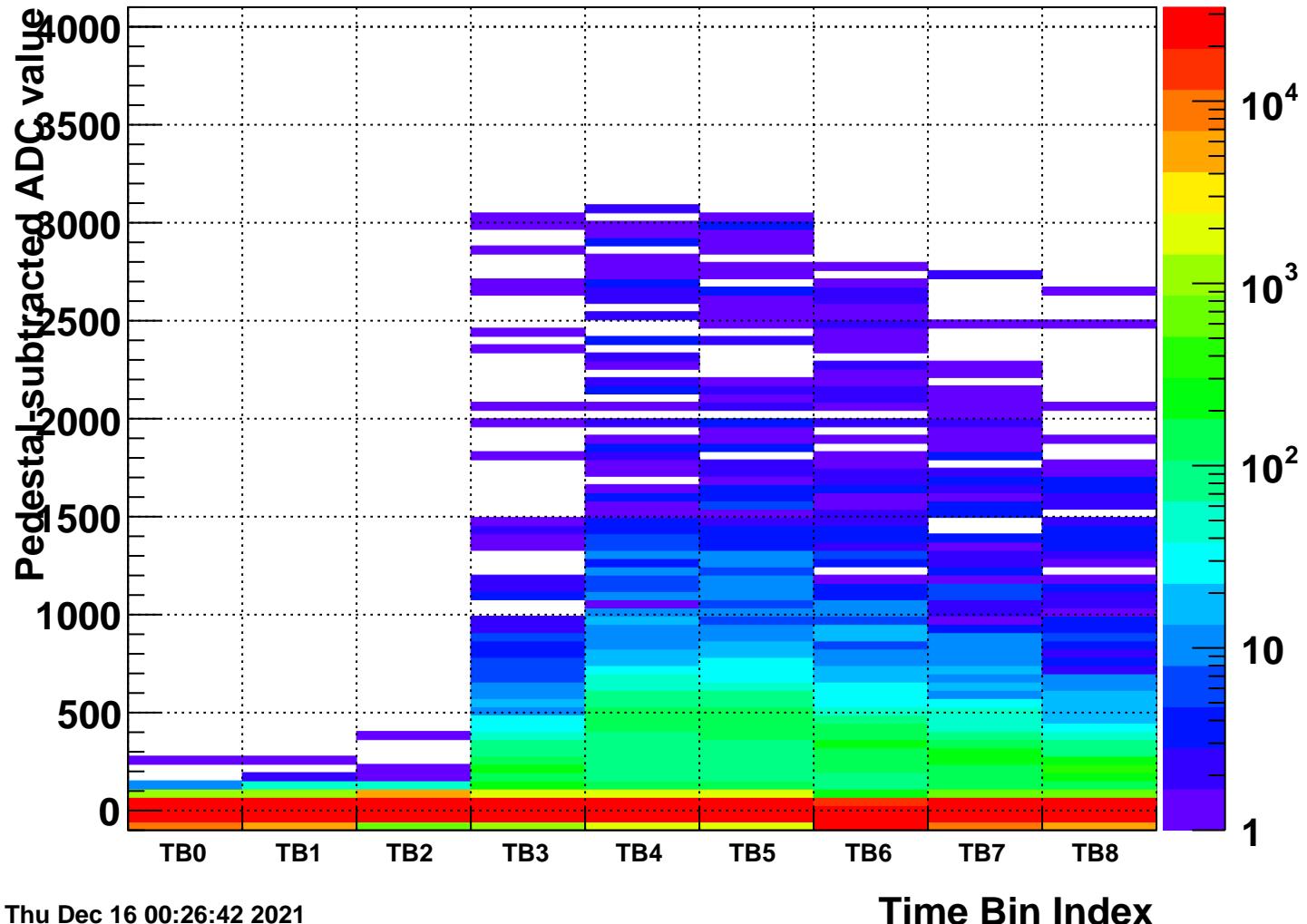
FST - Hit Map (density): Disk3 Module12



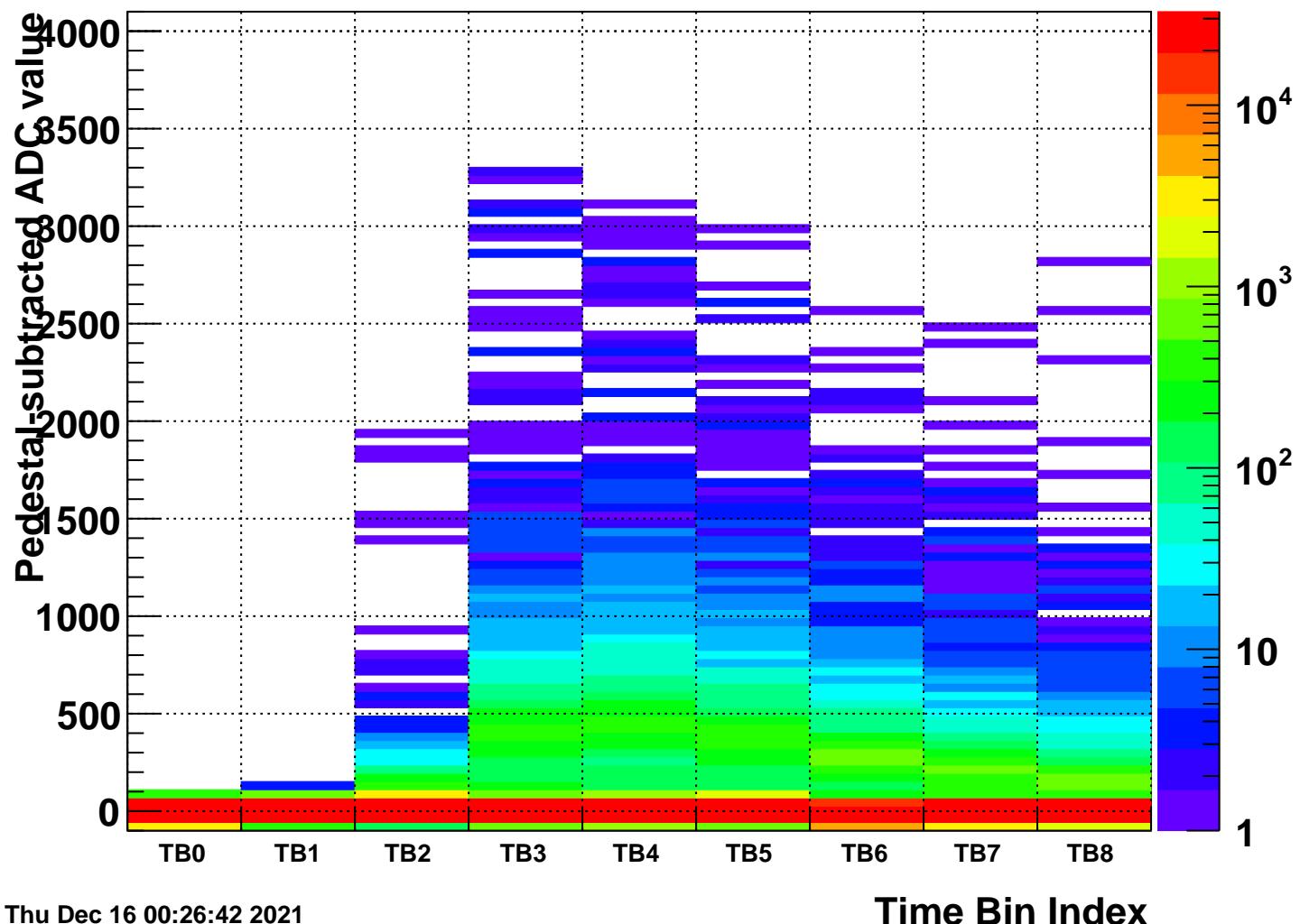
FST - ADC vs Timebin (non-ZS), Disk1 Module1: RDO1_ARM0_PORT0_SEC0



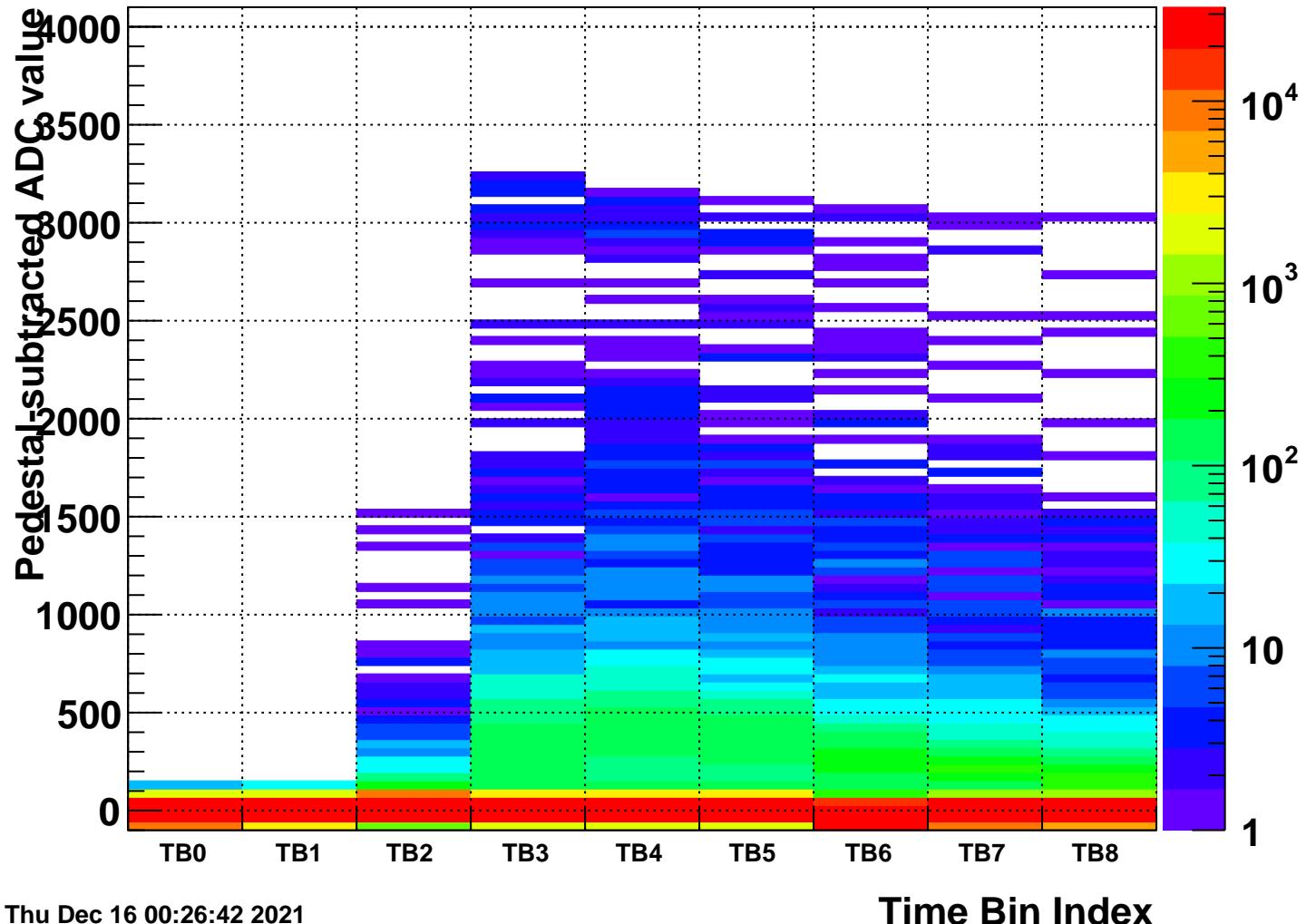
FST - ADC vs Timebin (non-ZS), Disk1 Module1: RDO1_ARM0_PORT0_SEC1



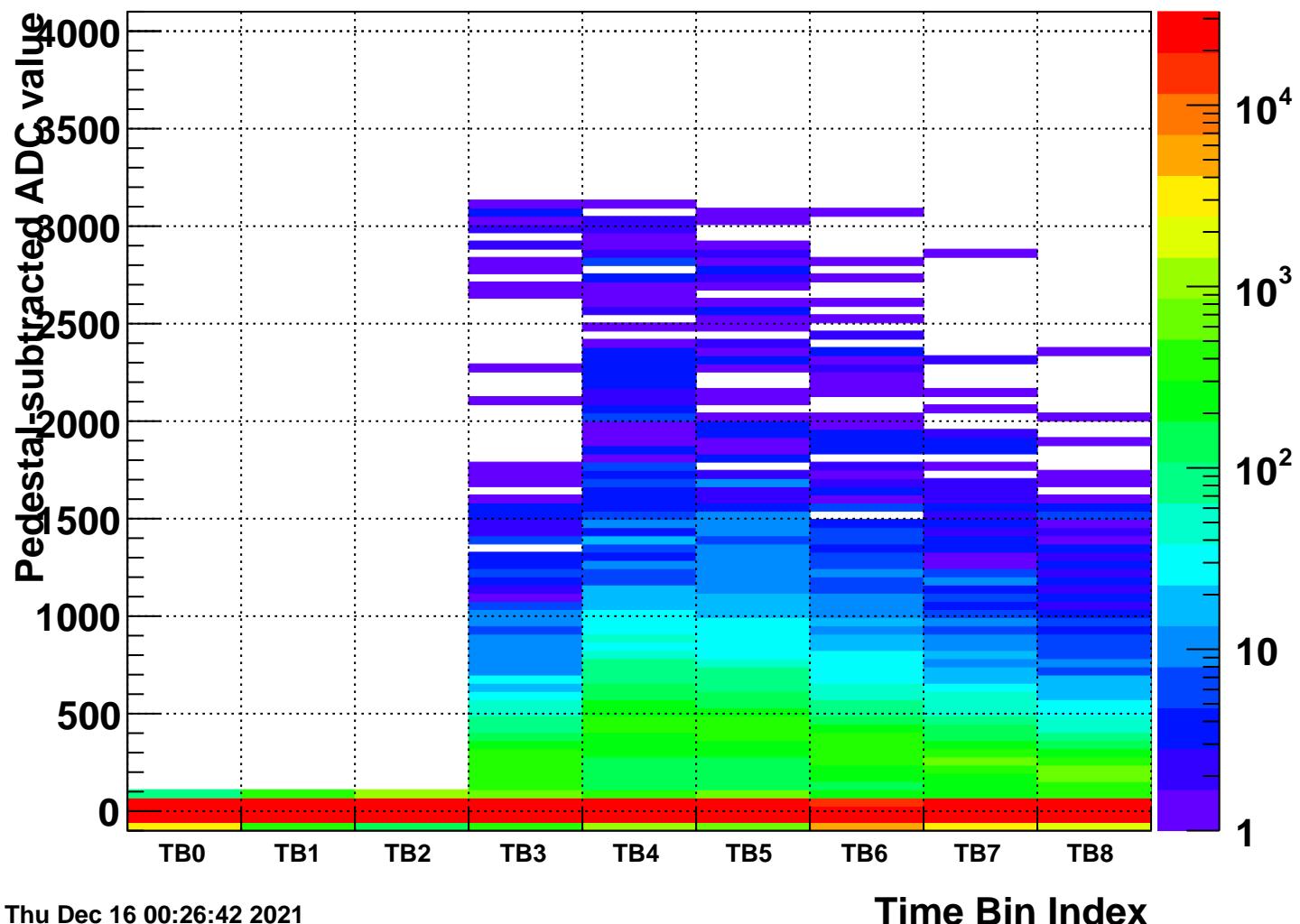
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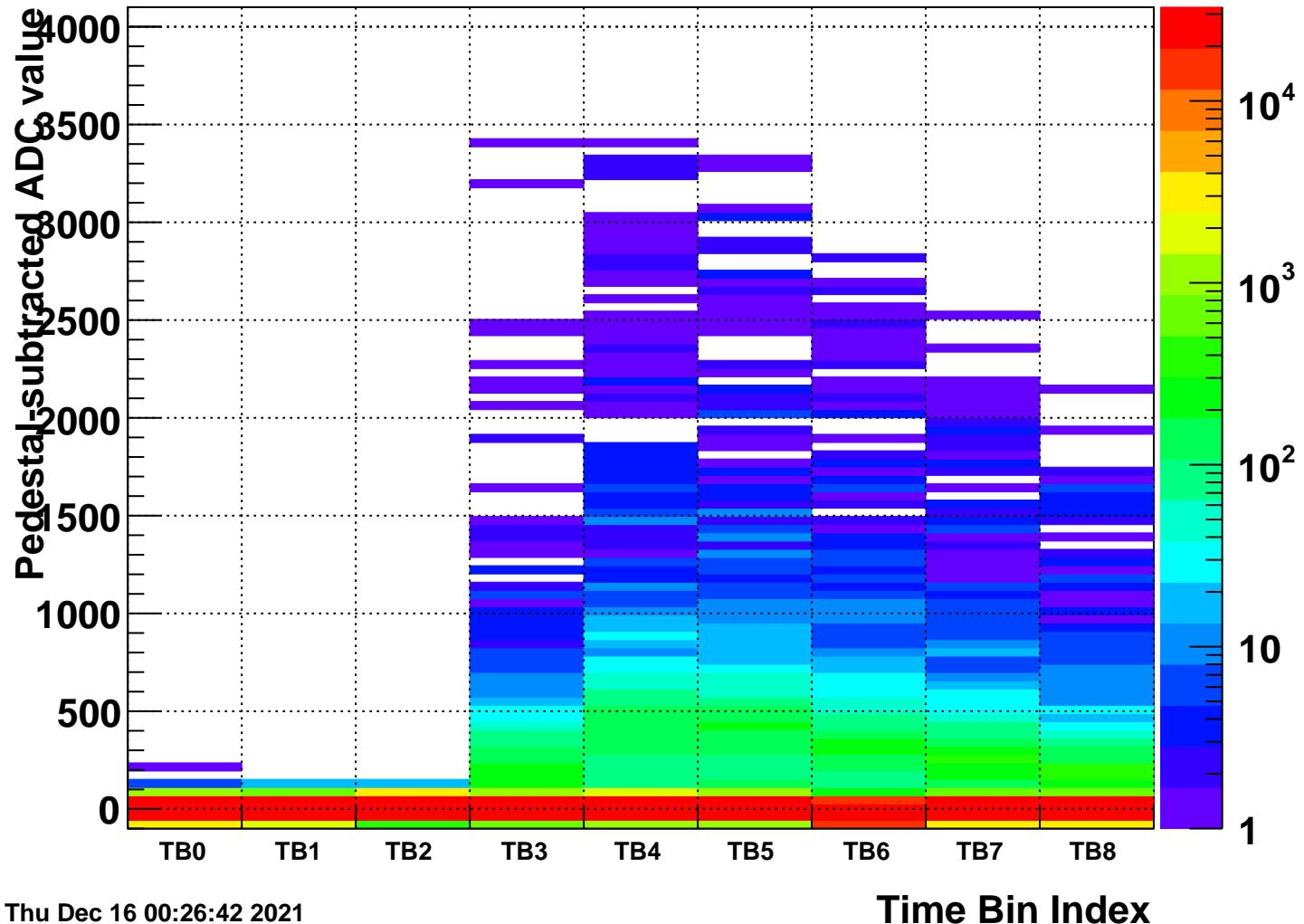
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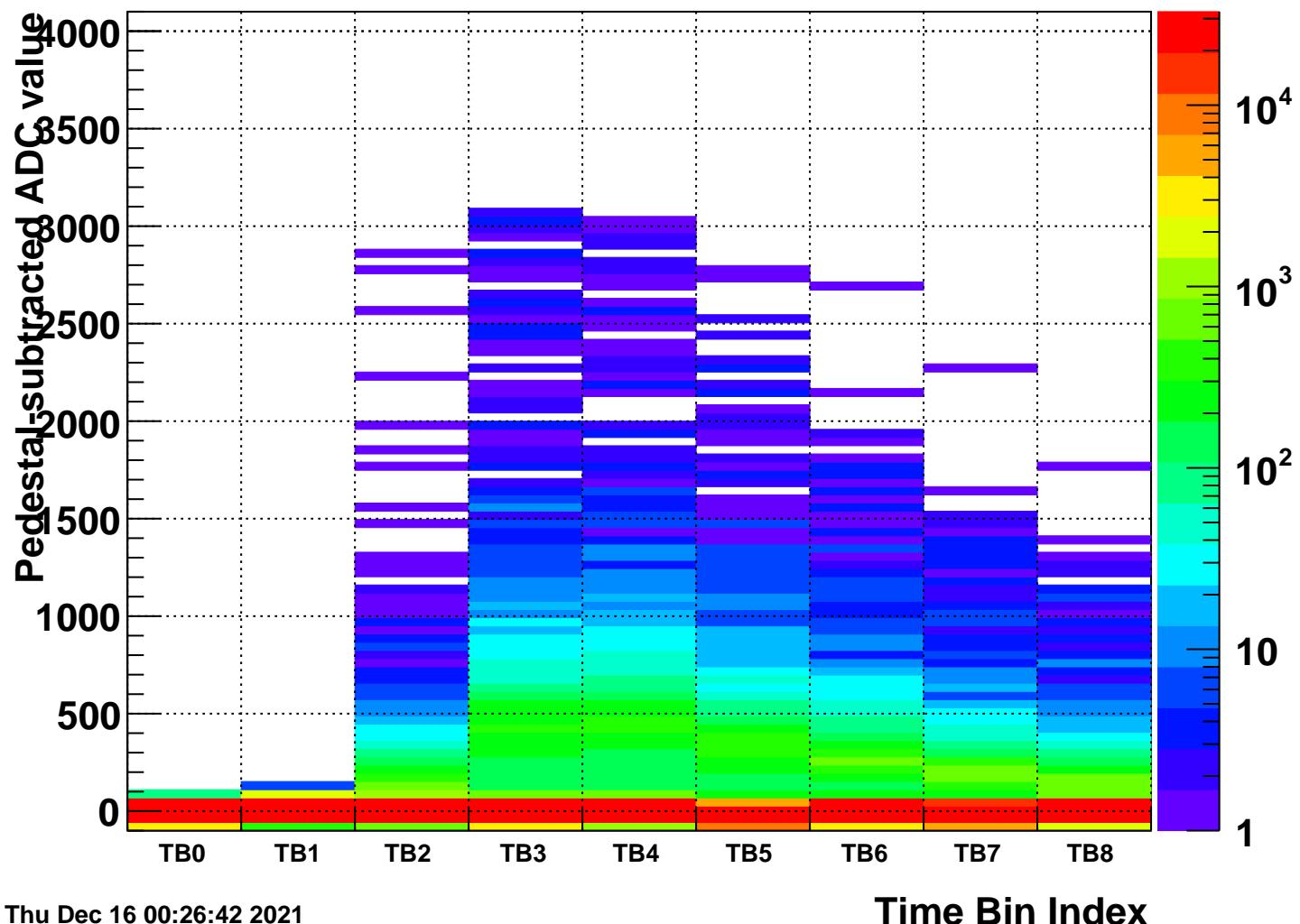
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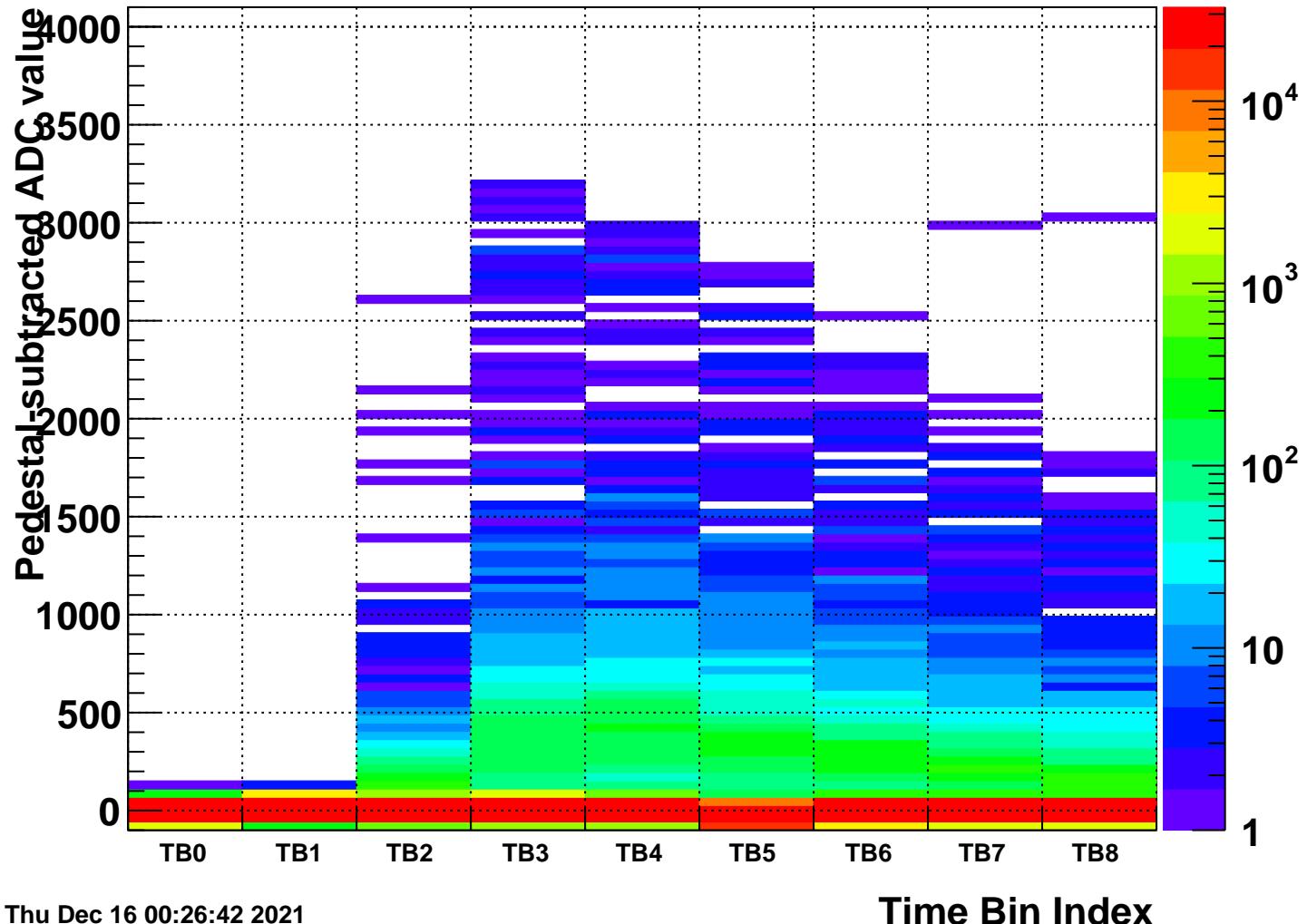
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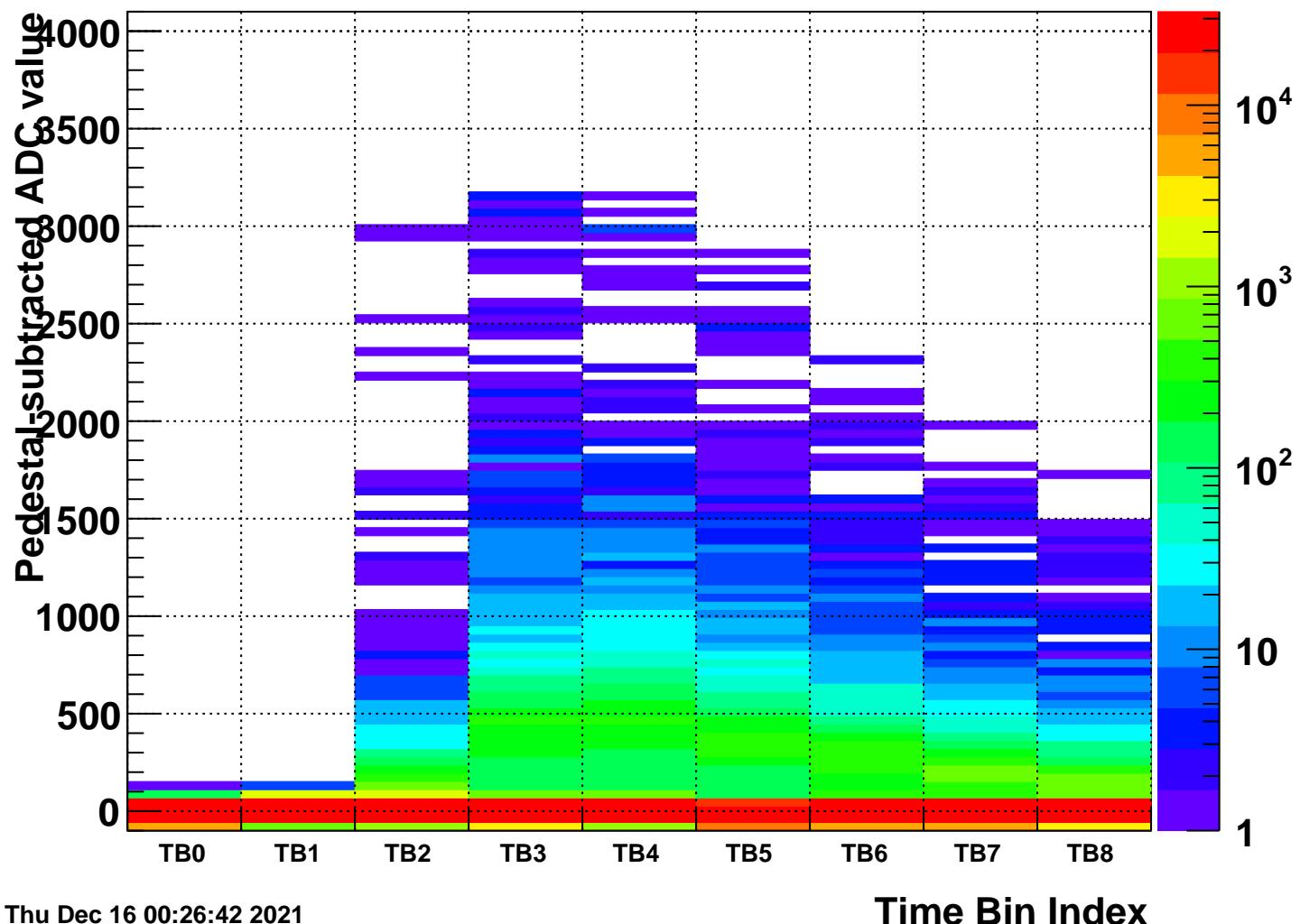
FST - ADC vs Timebin (non-ZS), Disk1 Module4: RDO1_ARM1_PORT1_SEC0



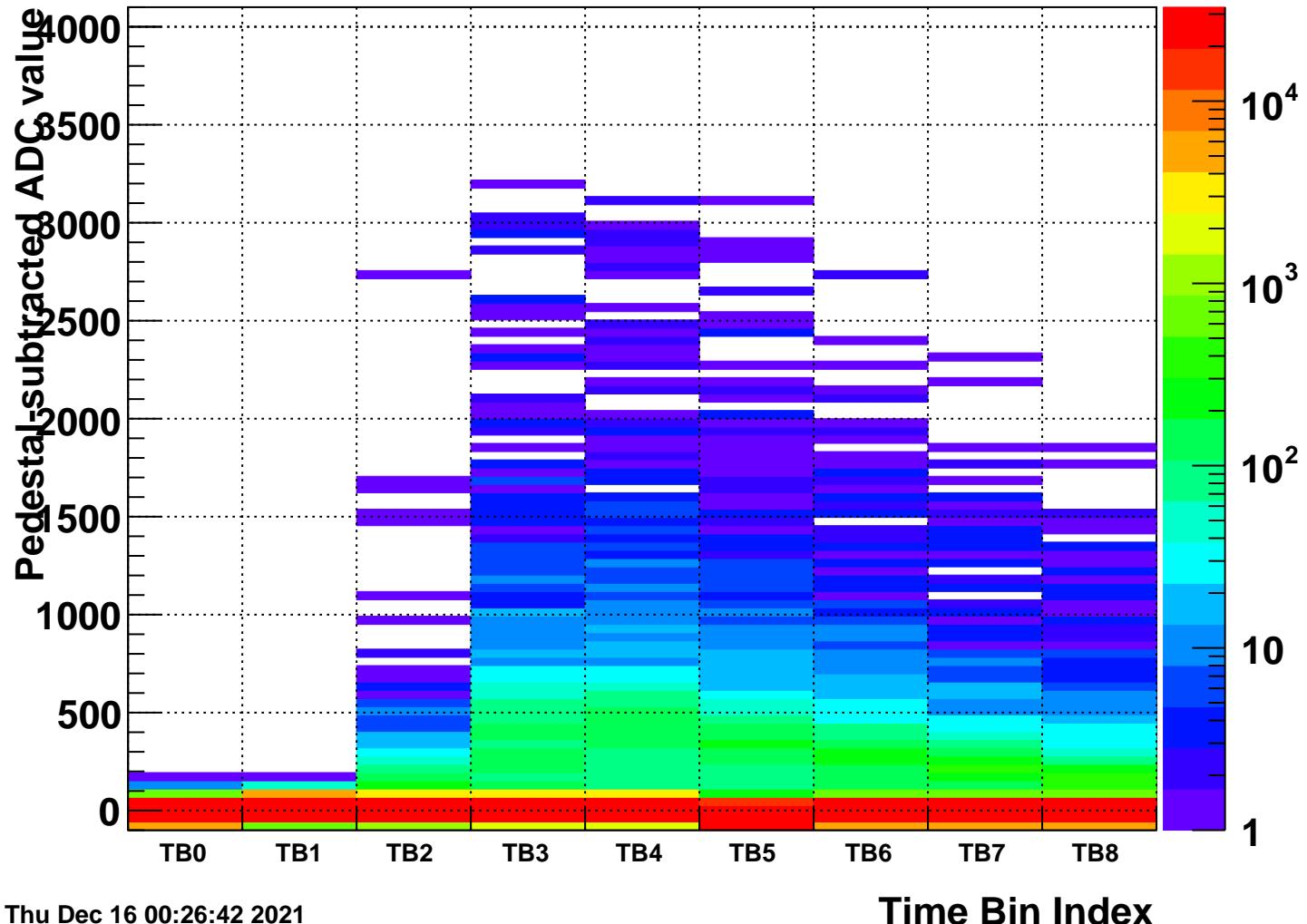
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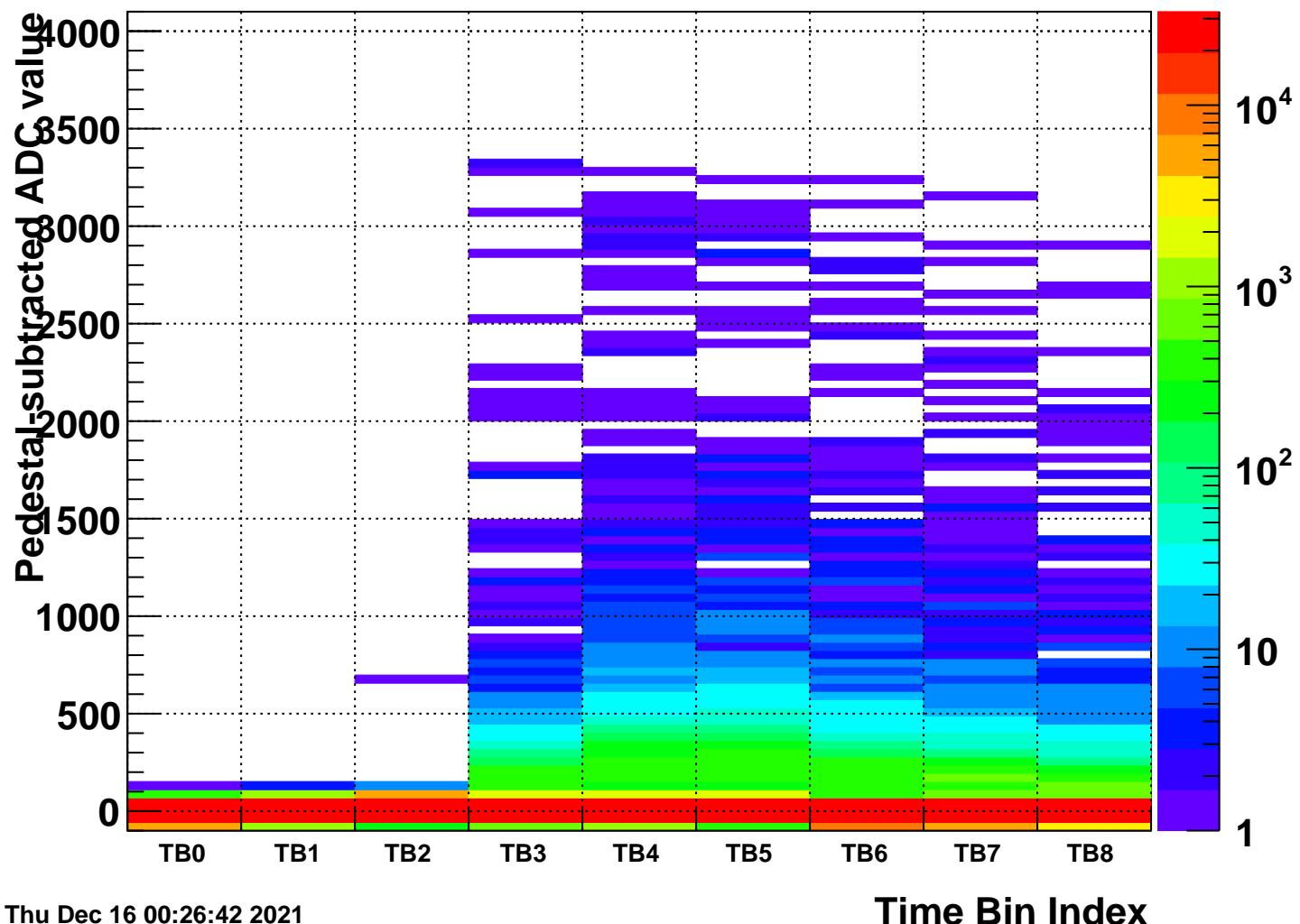
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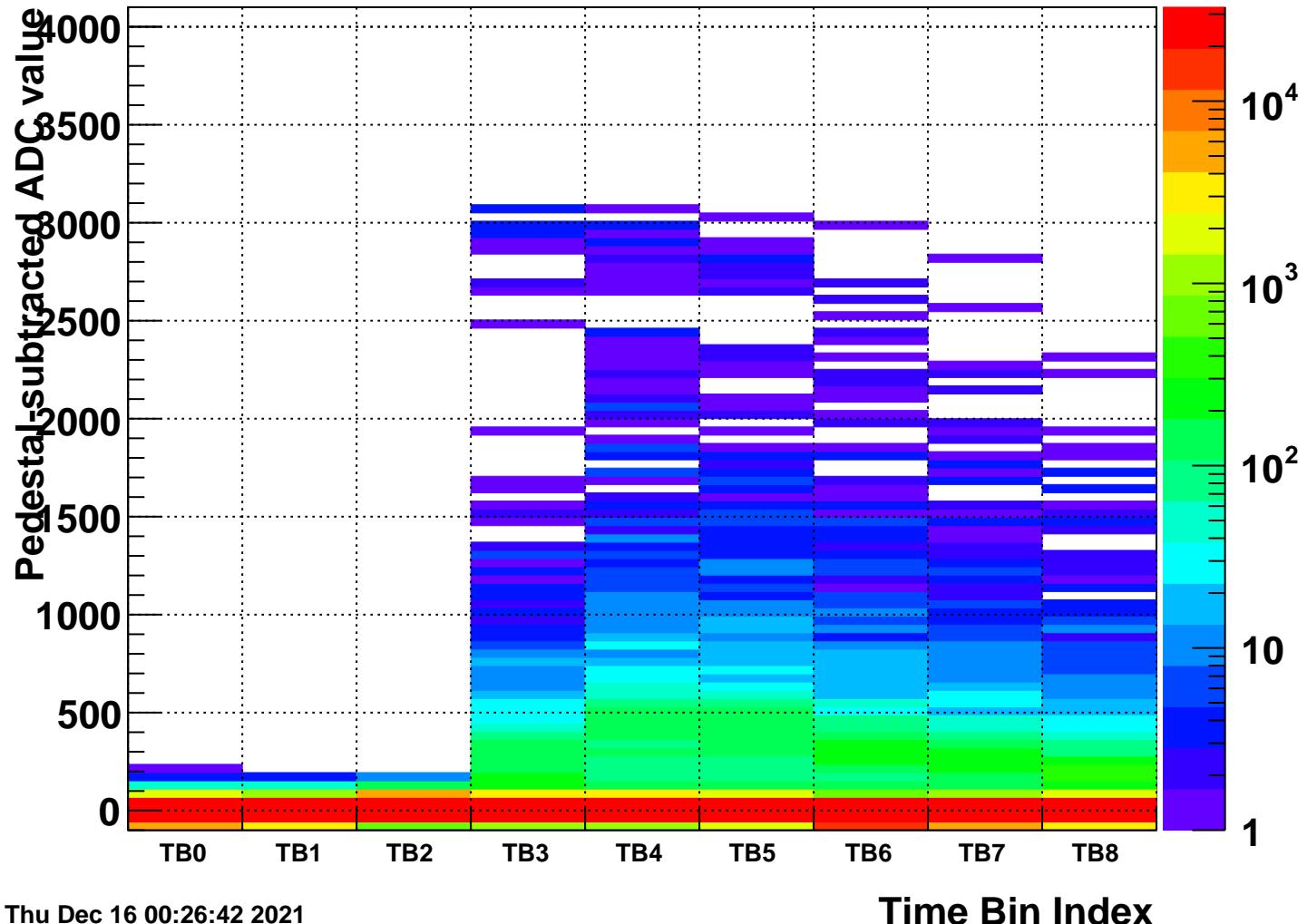
FST - ADC vs Timebin (non-ZS), Disk1 Module5: RDO1_ARM2_PORT0_SEC1



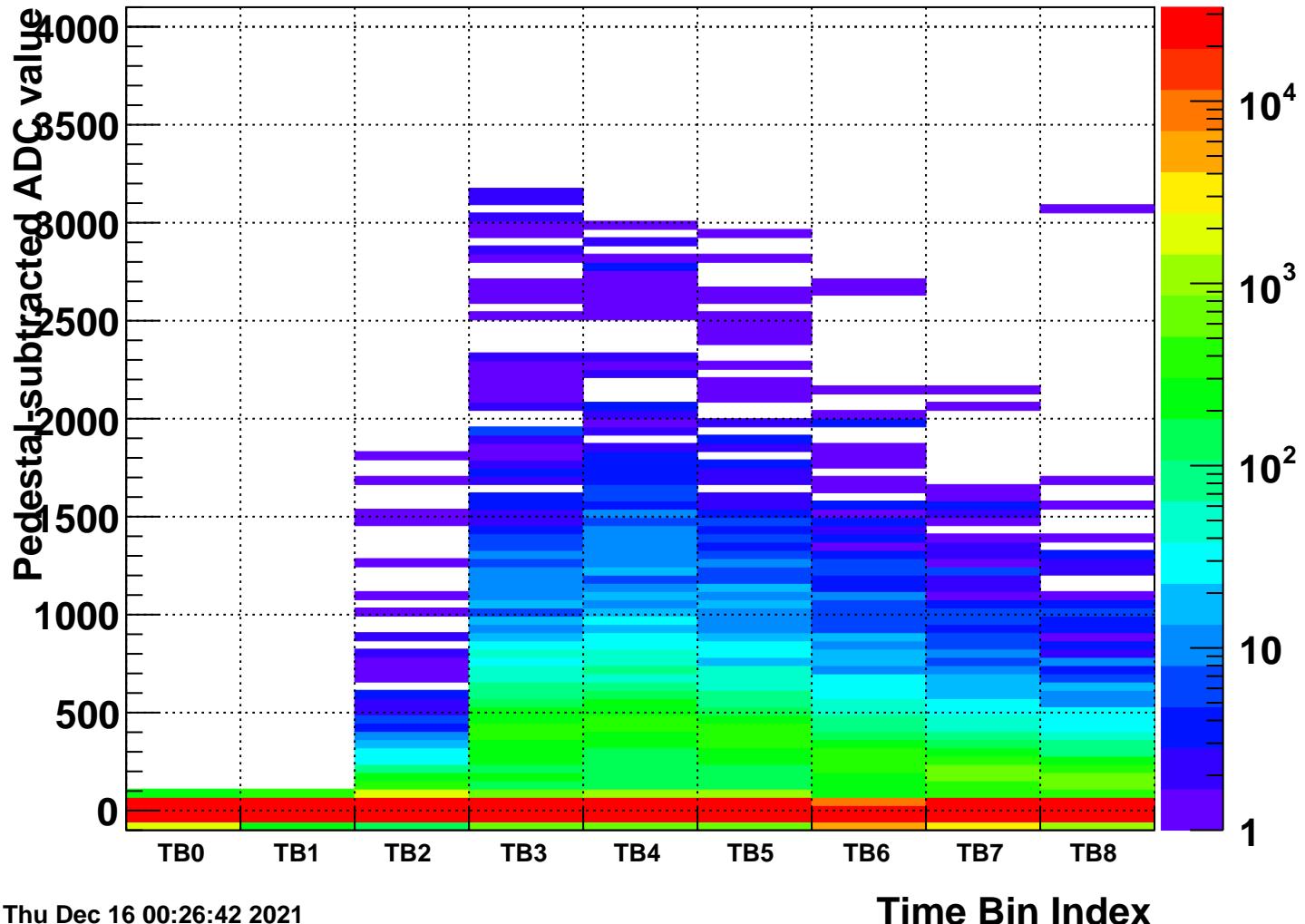
FST - ADC vs Timebin (non-ZS), Disk1 Module6: RDO1_ARM2_PORT1_SEC0



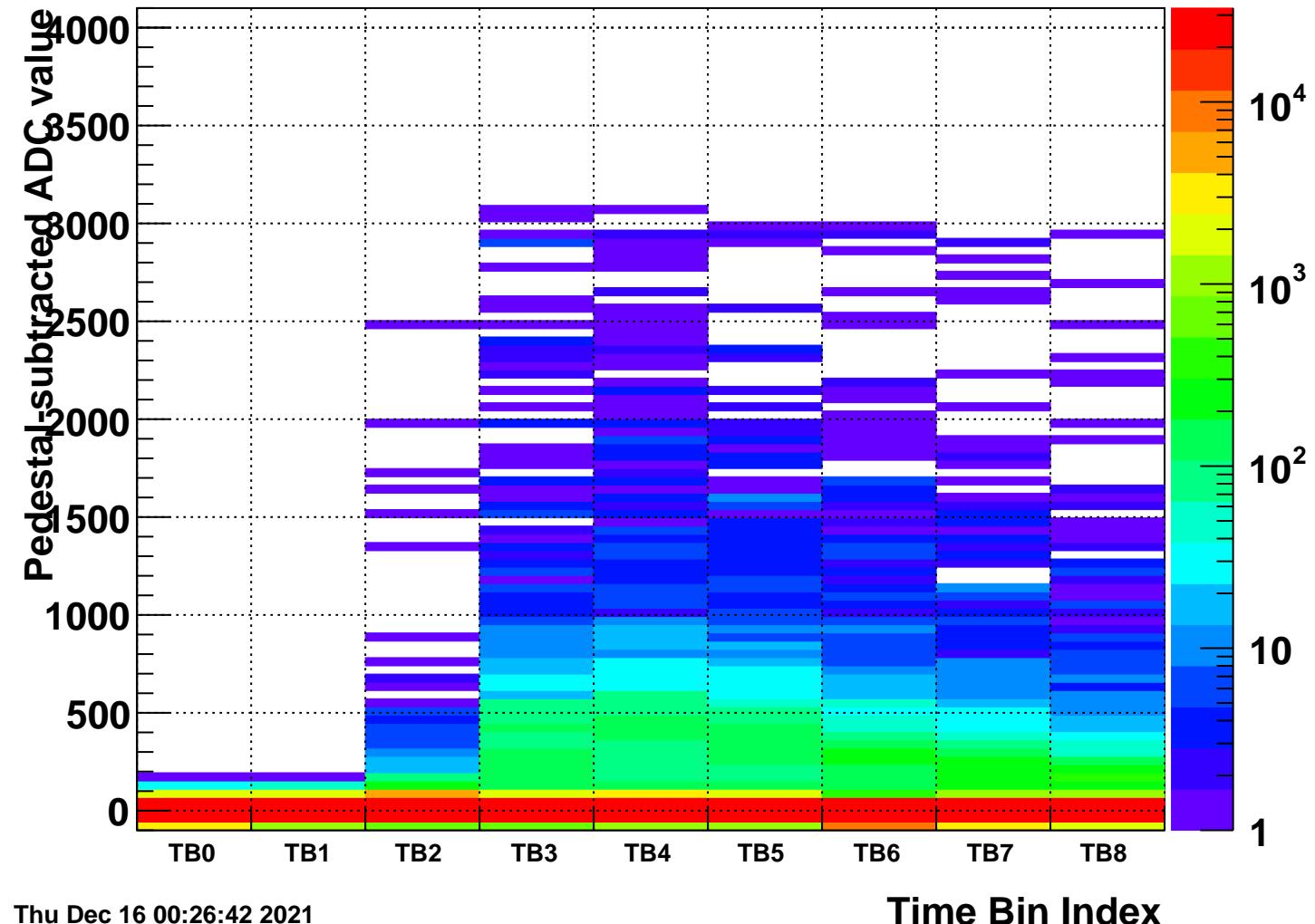
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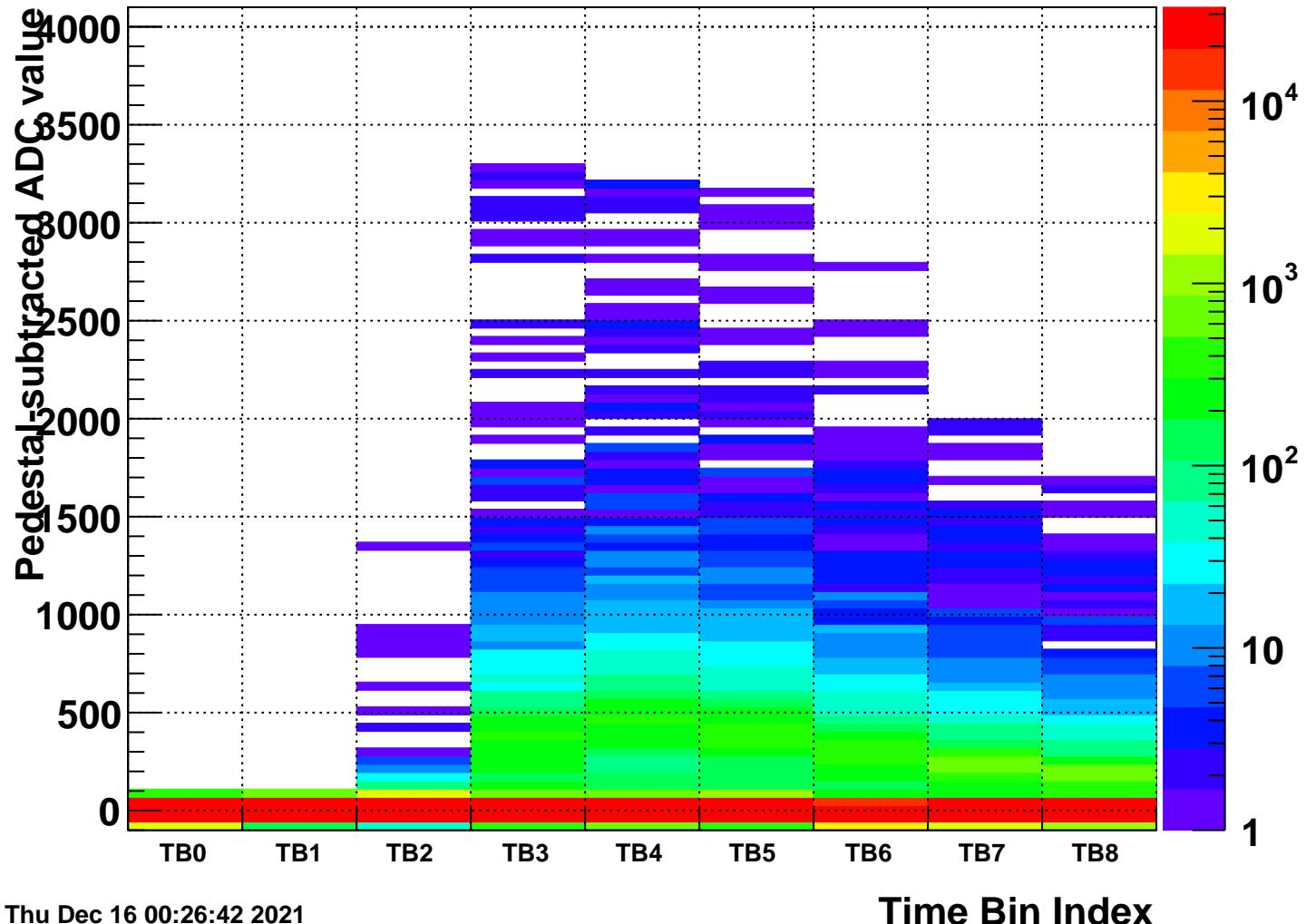
FST - ADC vs Timebin (non-ZS), Disk1 Module7: RDO2_ARM0_PORT0_SEC0



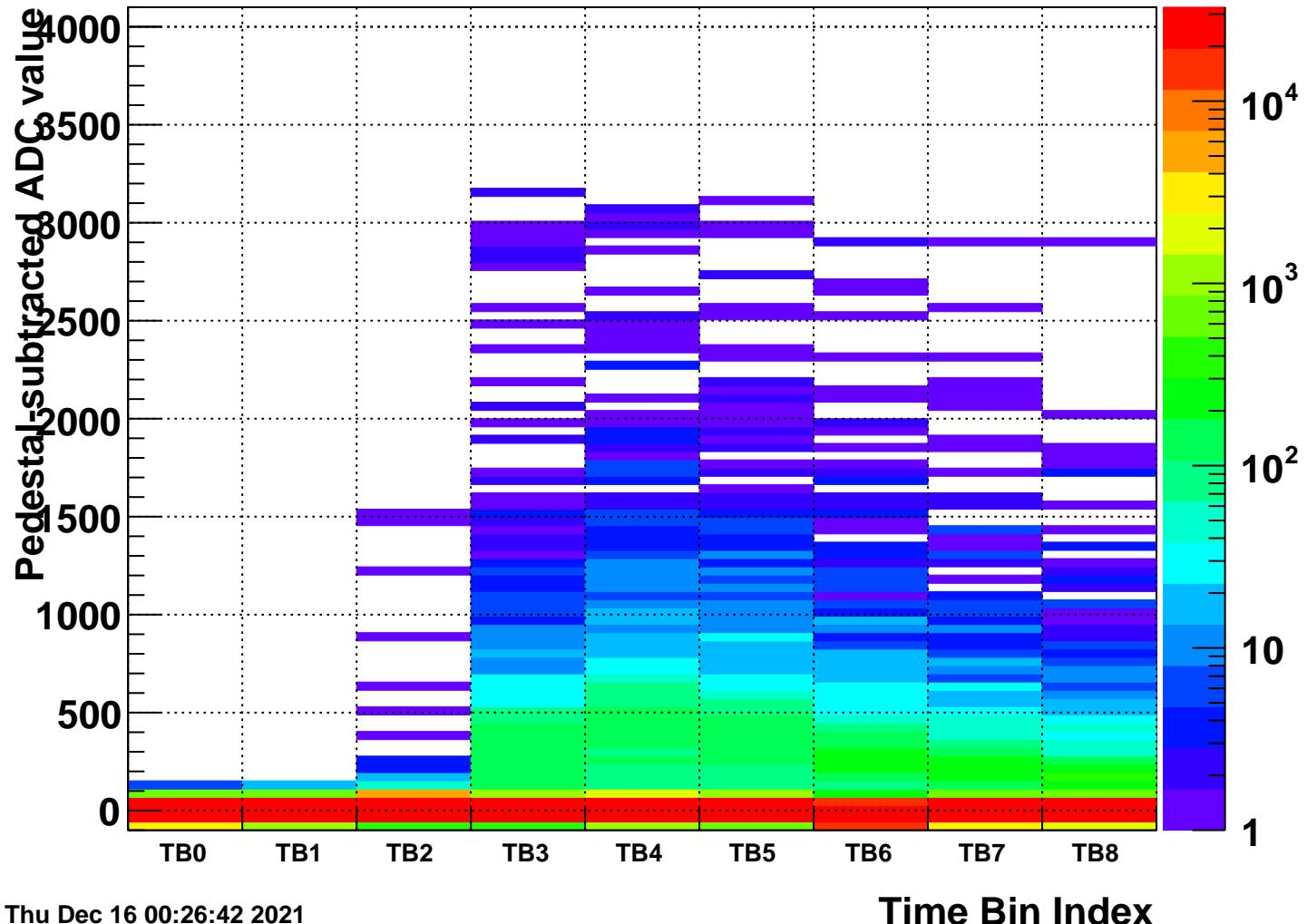
FST - ADC vs Timebin (non-ZS), Disk1 Module7: RDO2_ARM0_PORT0_SEC1



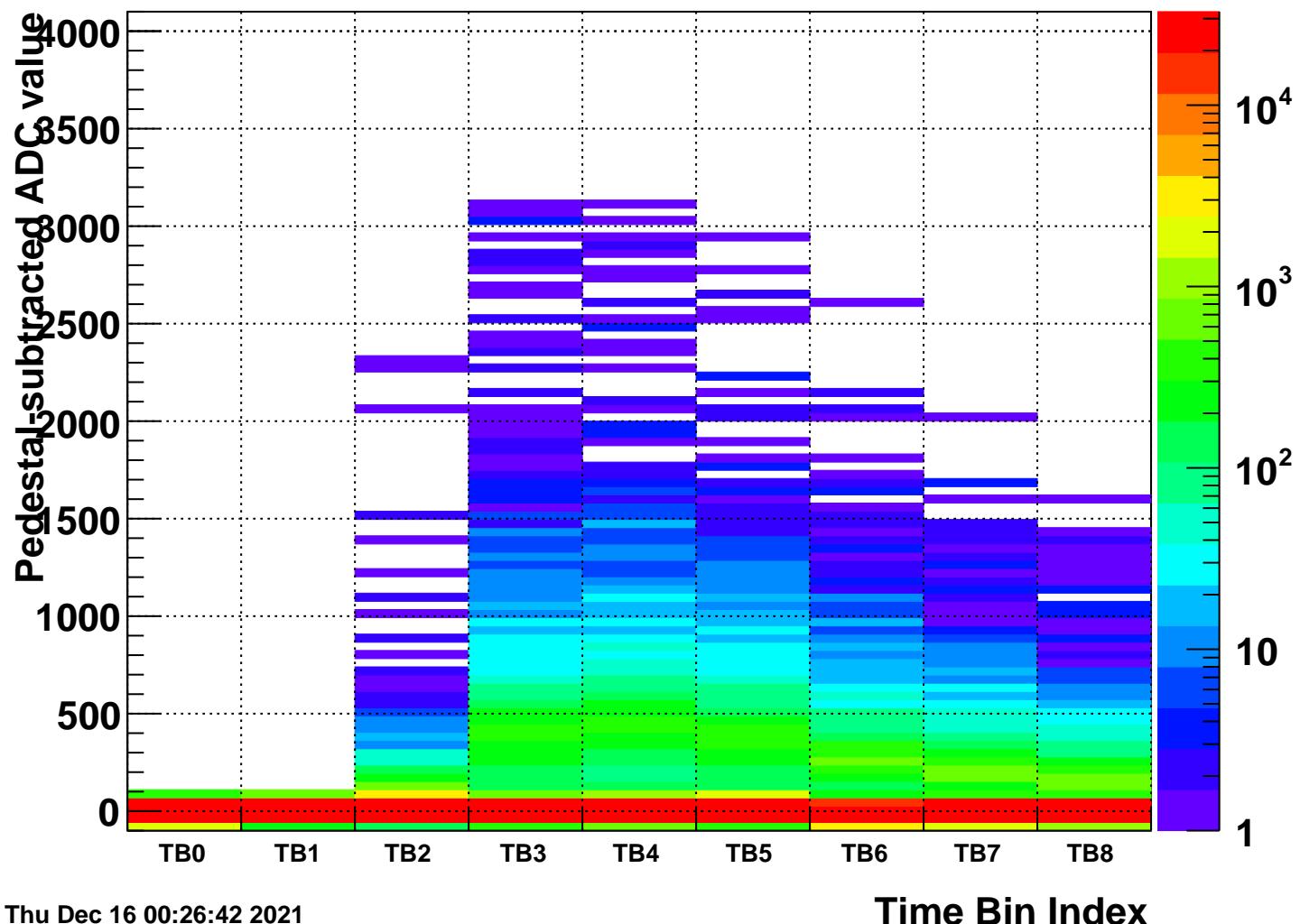
FST - ADC vs Timebin (non-ZS), Disk1 Module8: RDO2_ARM0_PORT1_SEC0



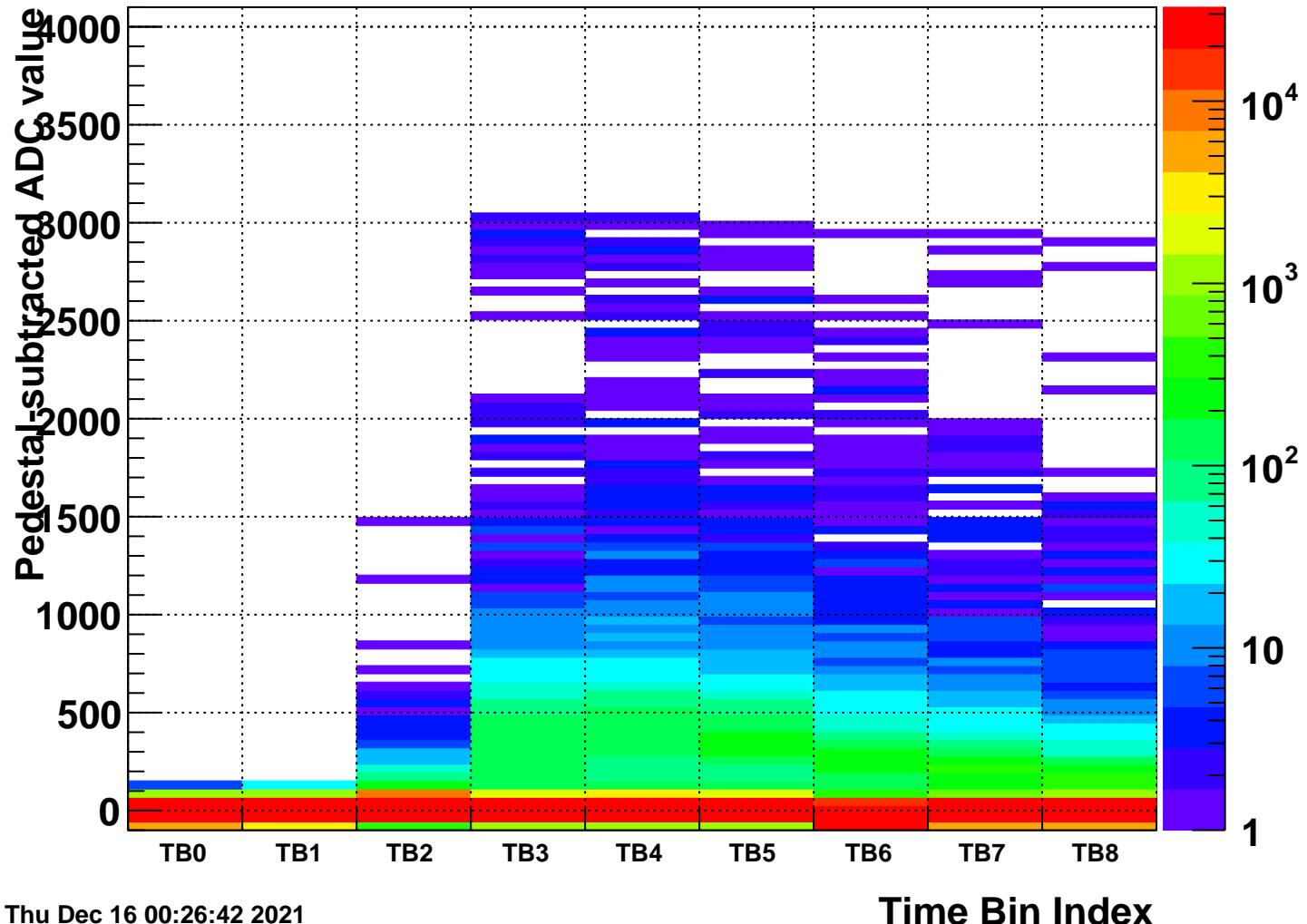
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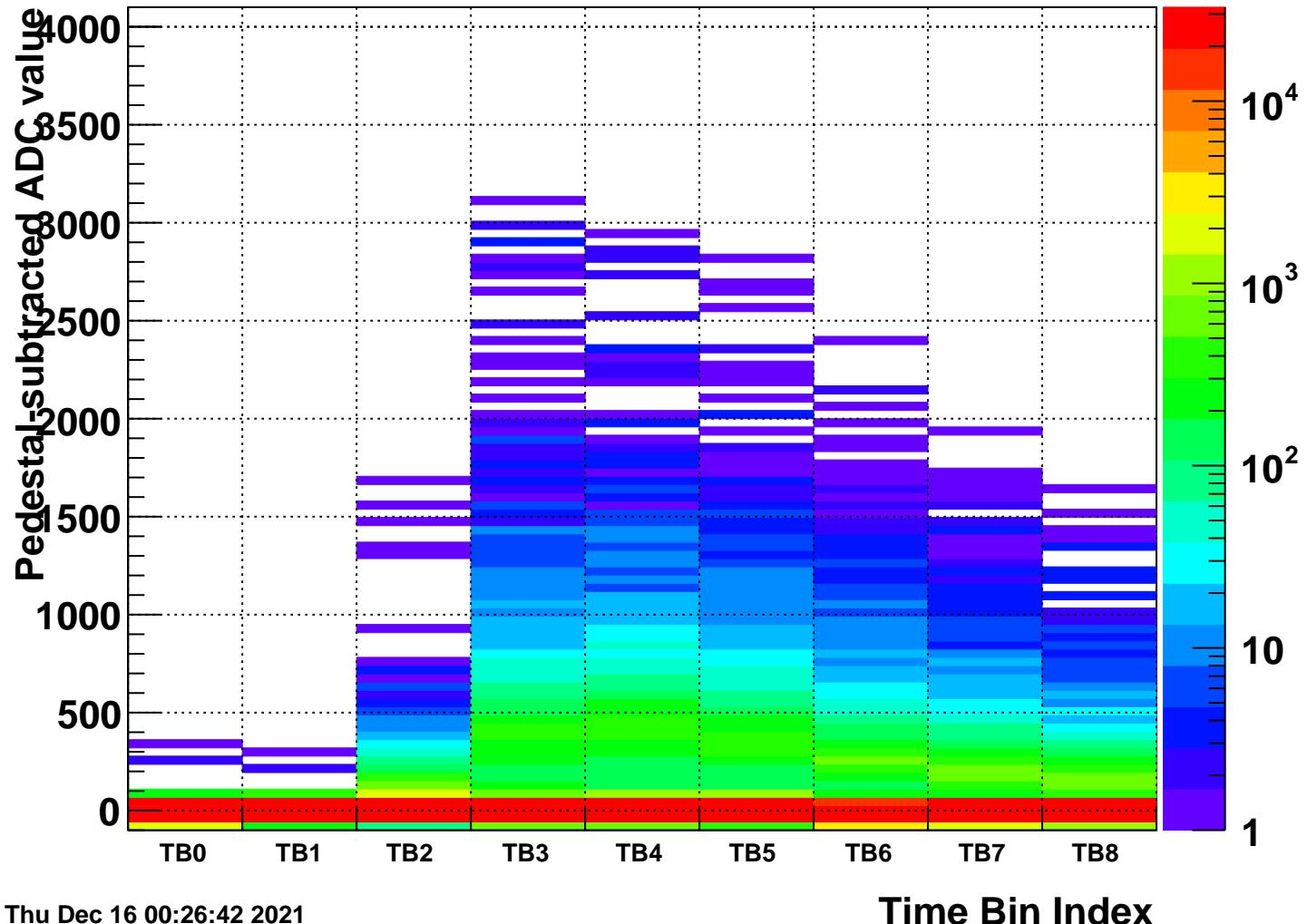
FST - ADC vs Timebin (non-ZS), Disk1 Module9: RDO2_ARM1_PORT0_SEC0



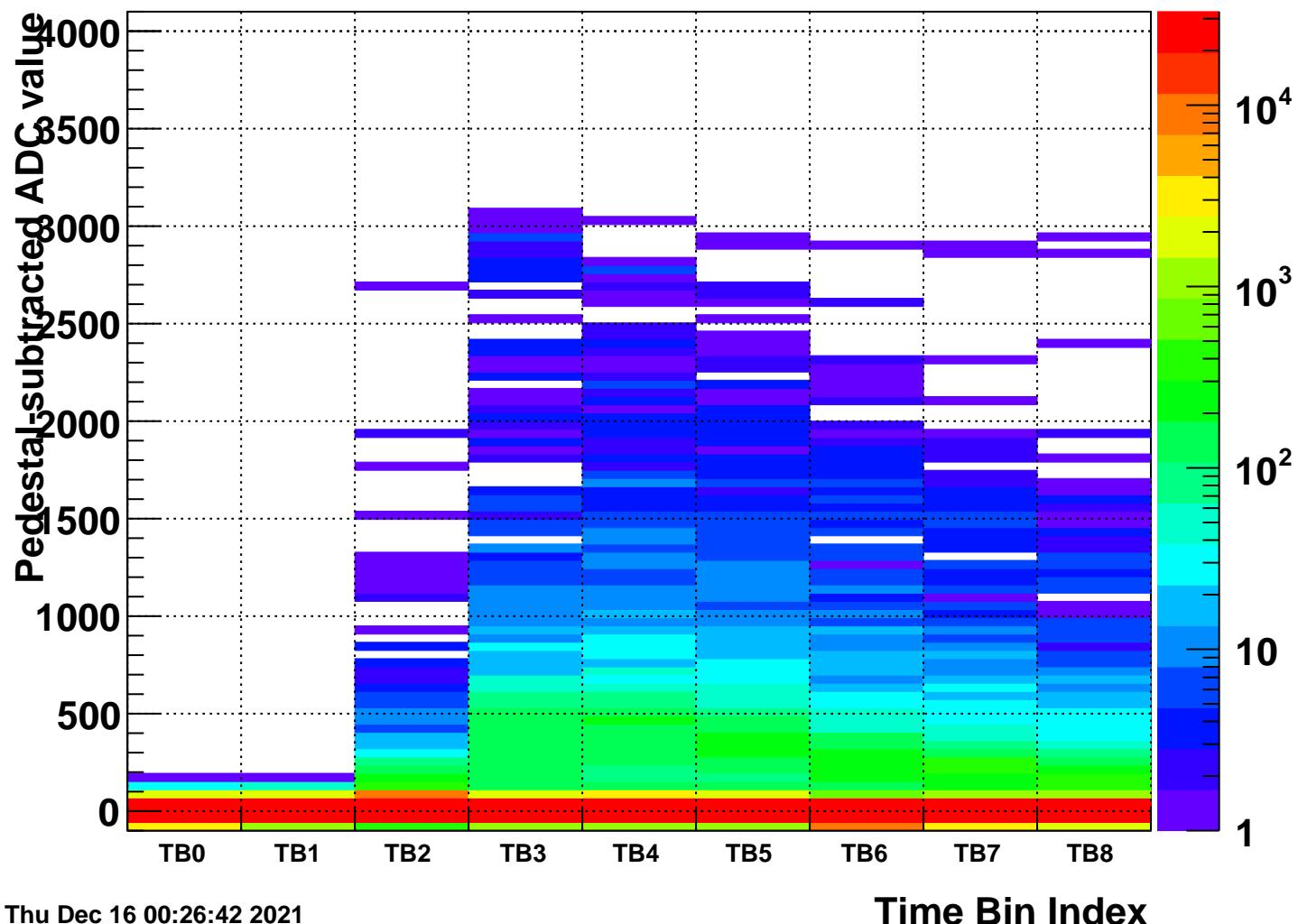
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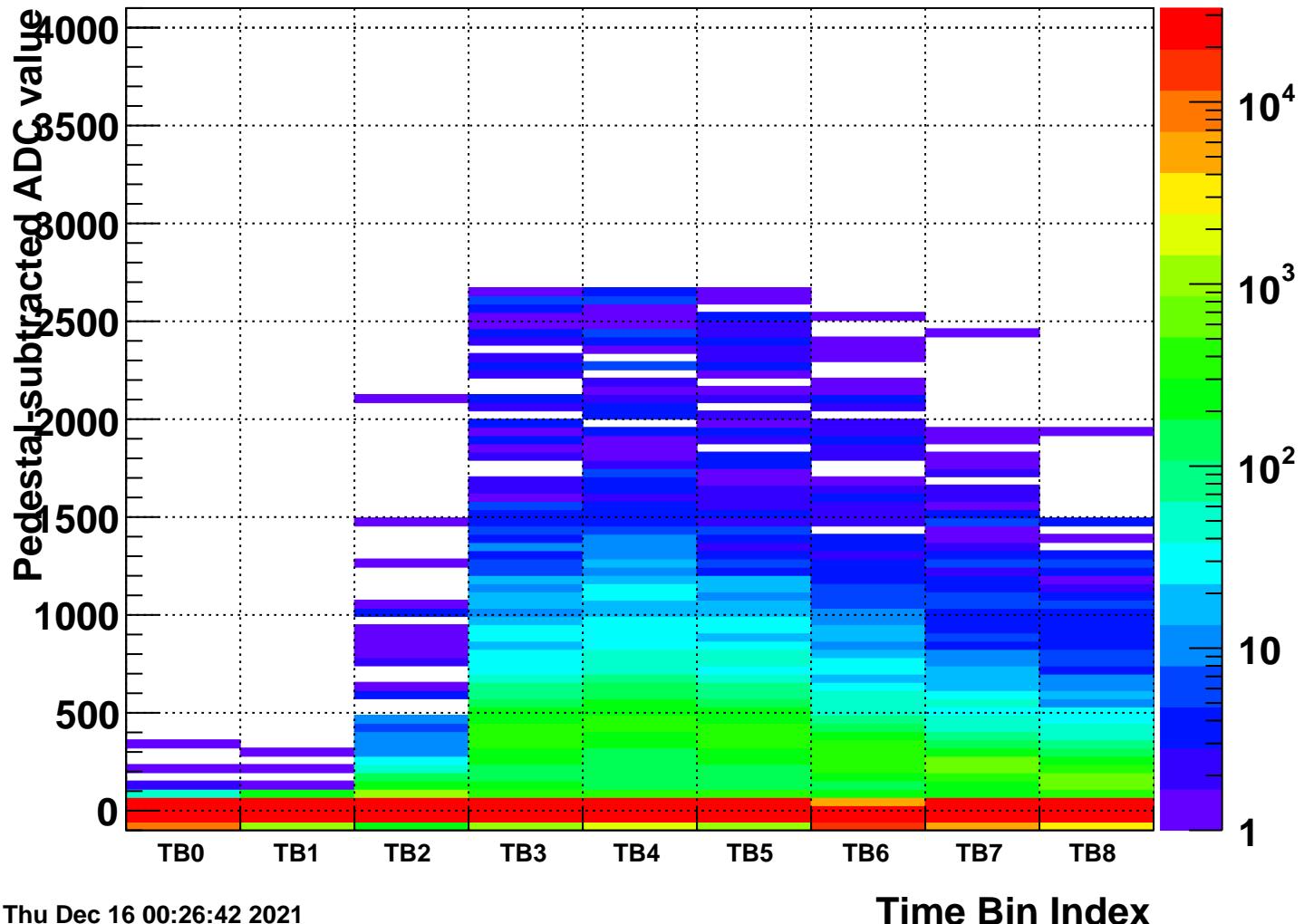
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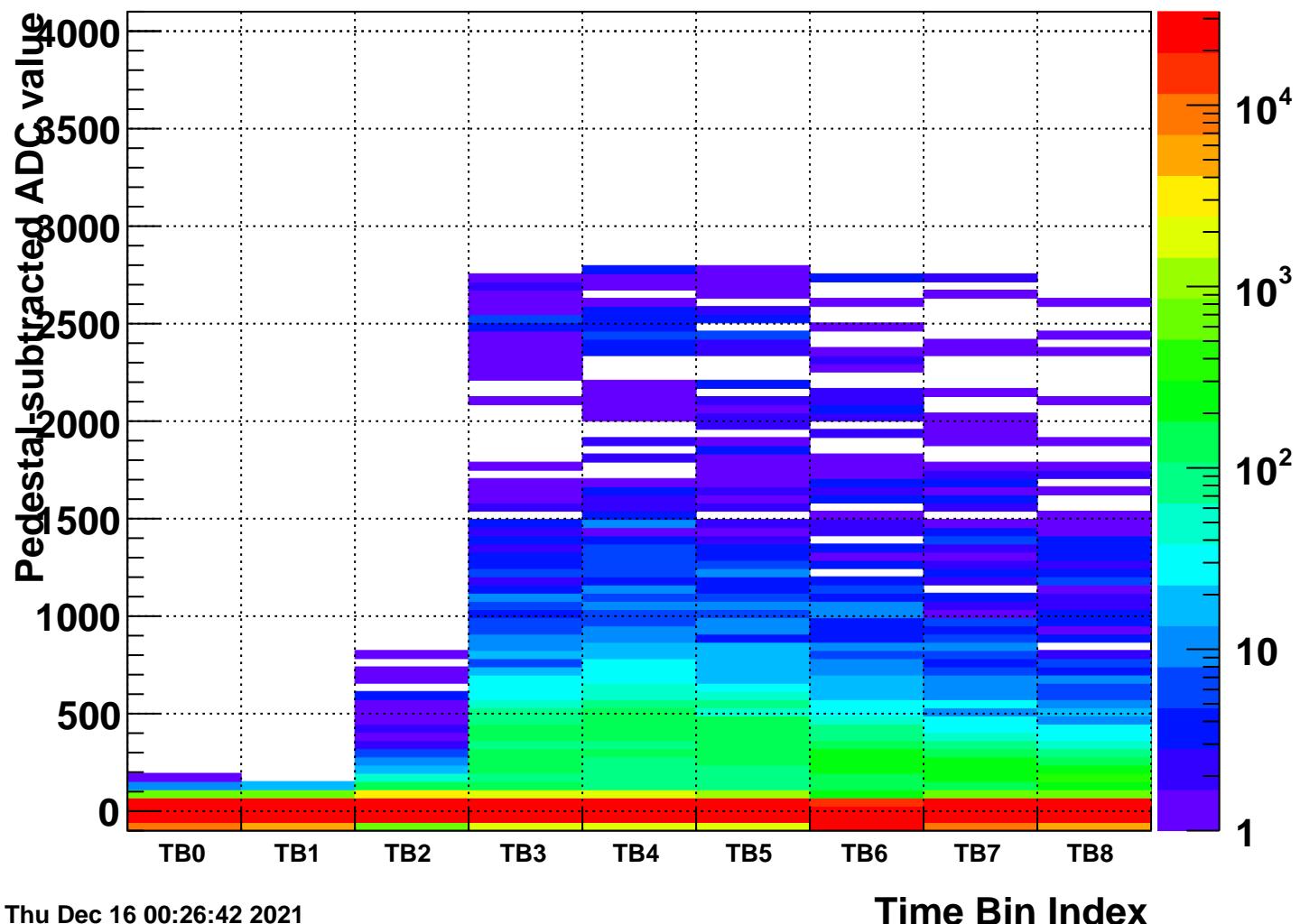
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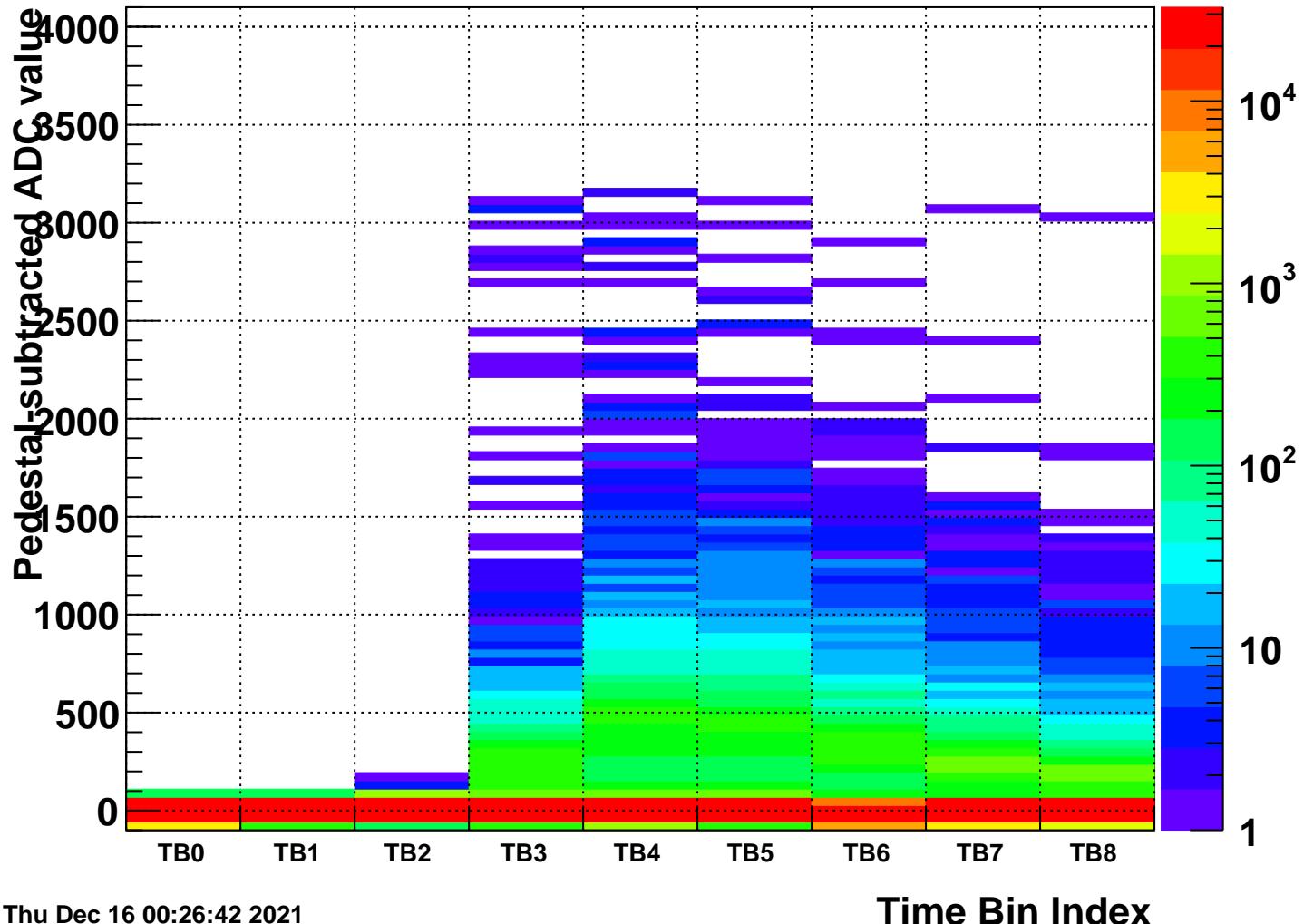
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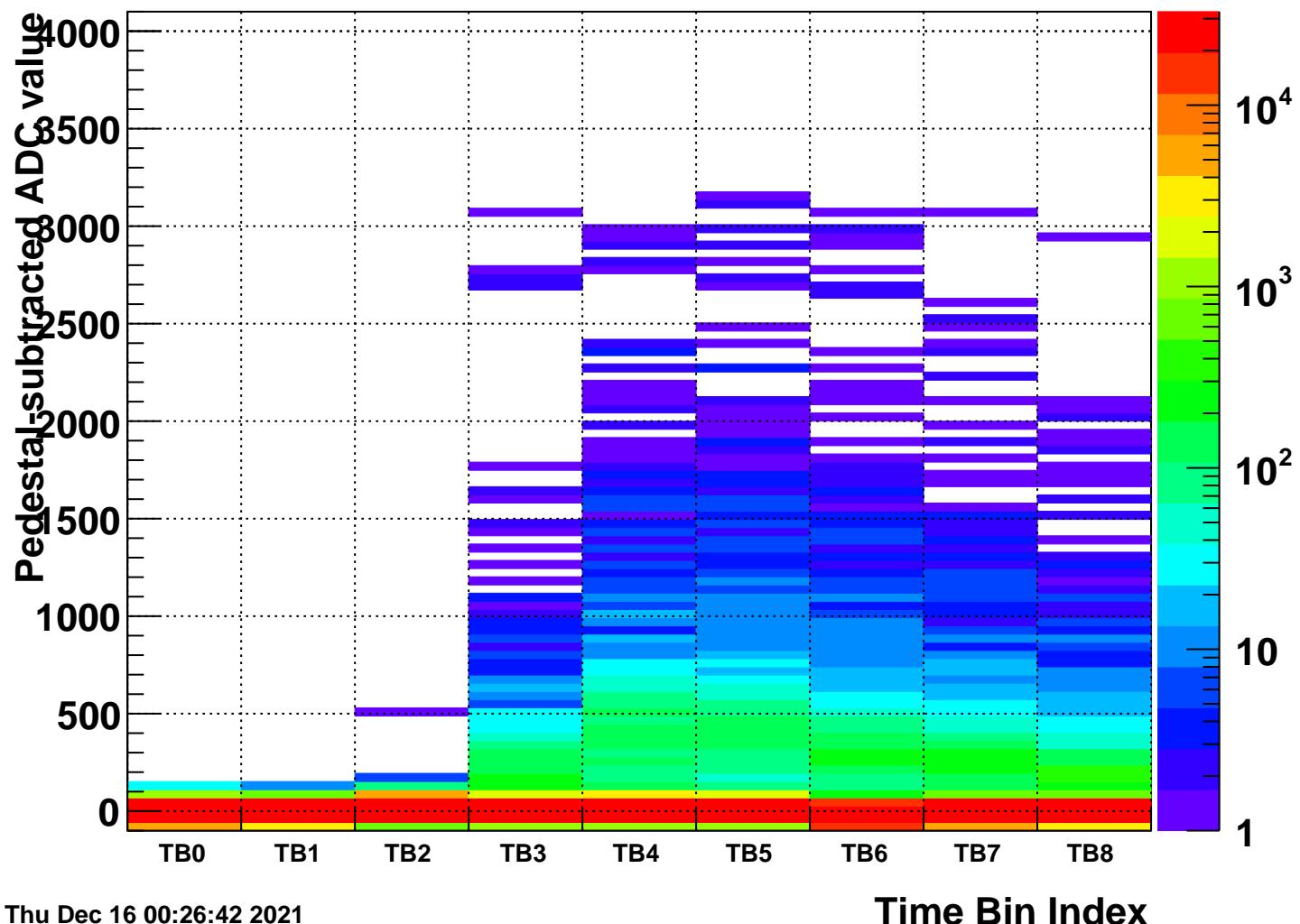
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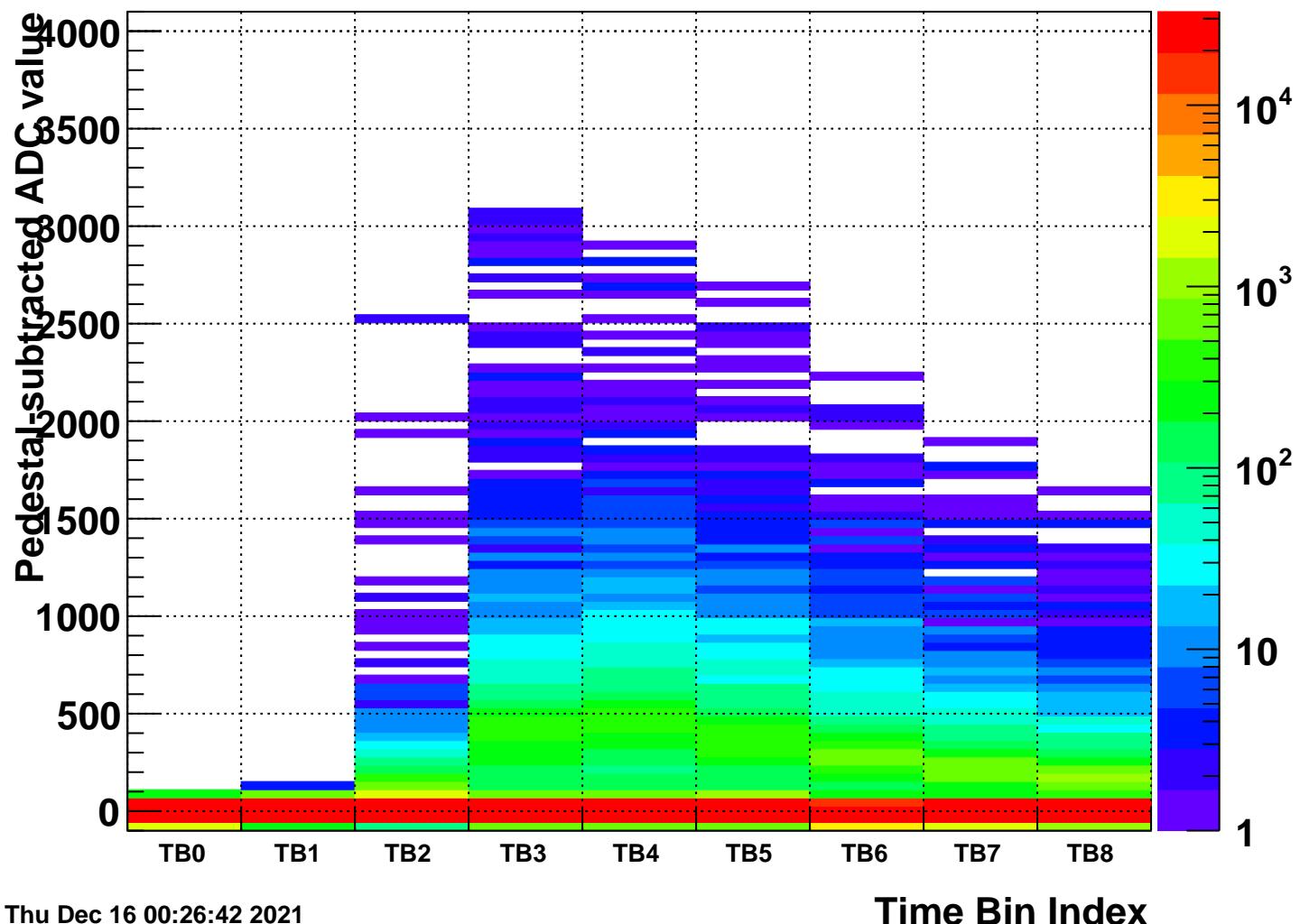
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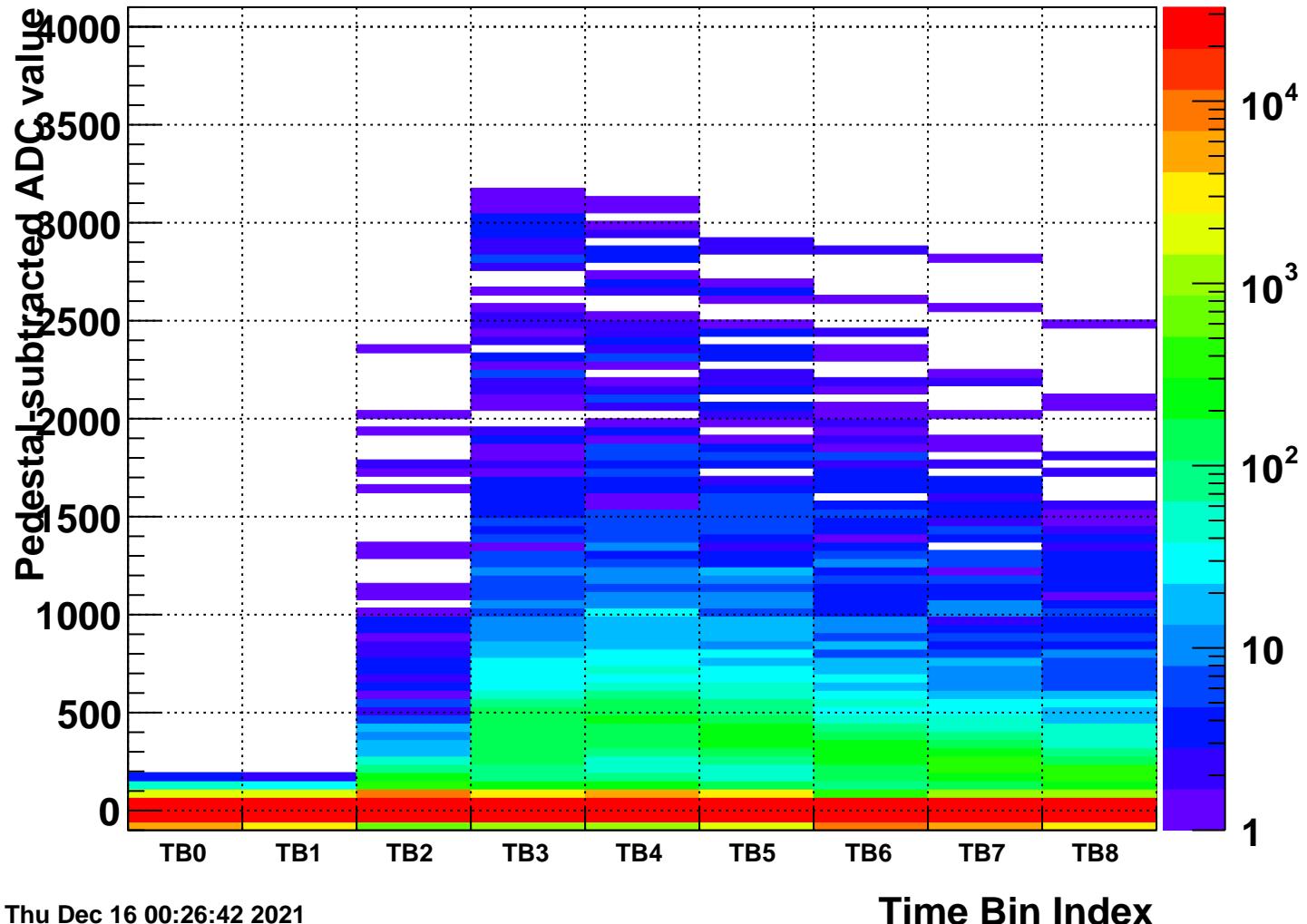
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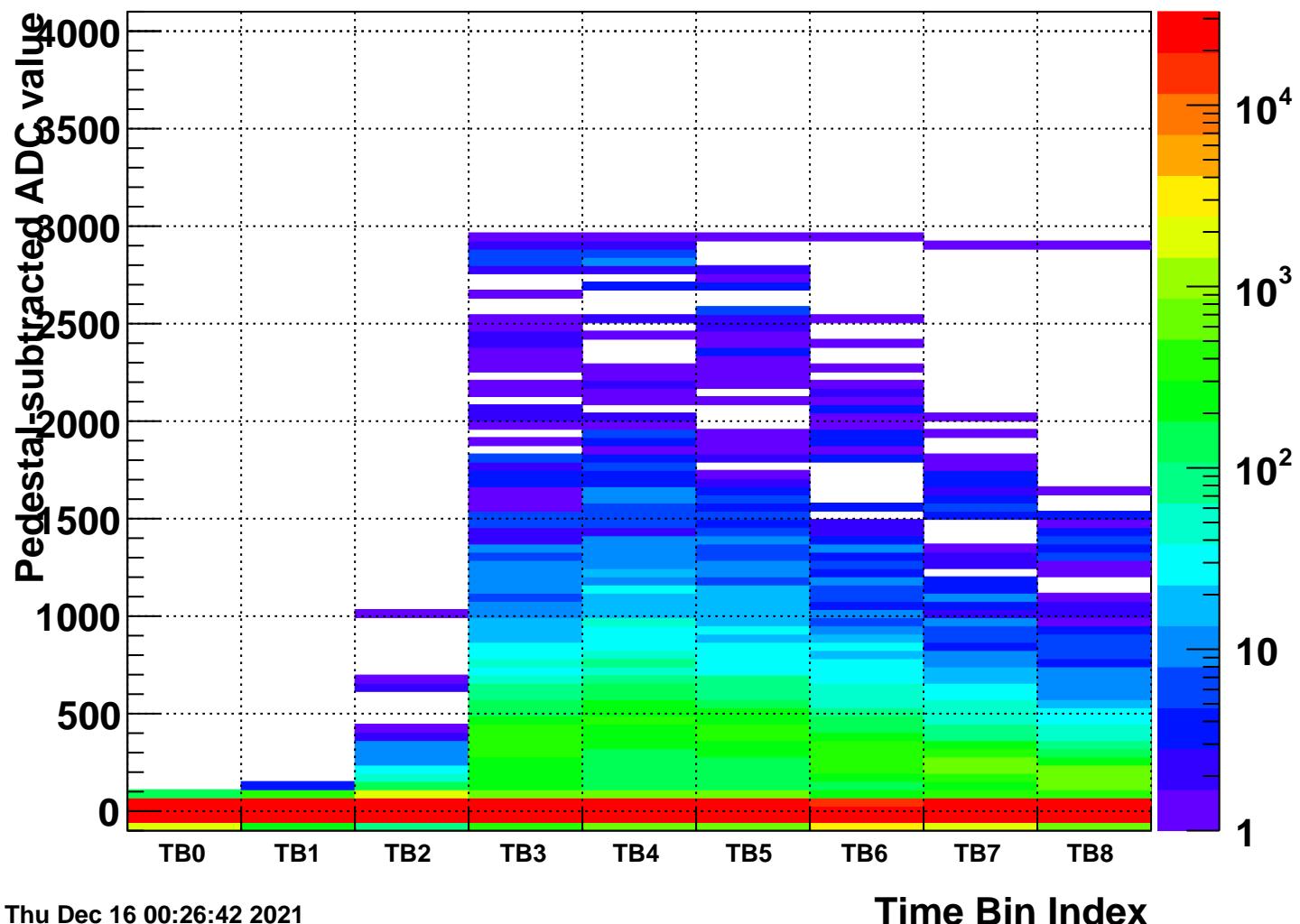
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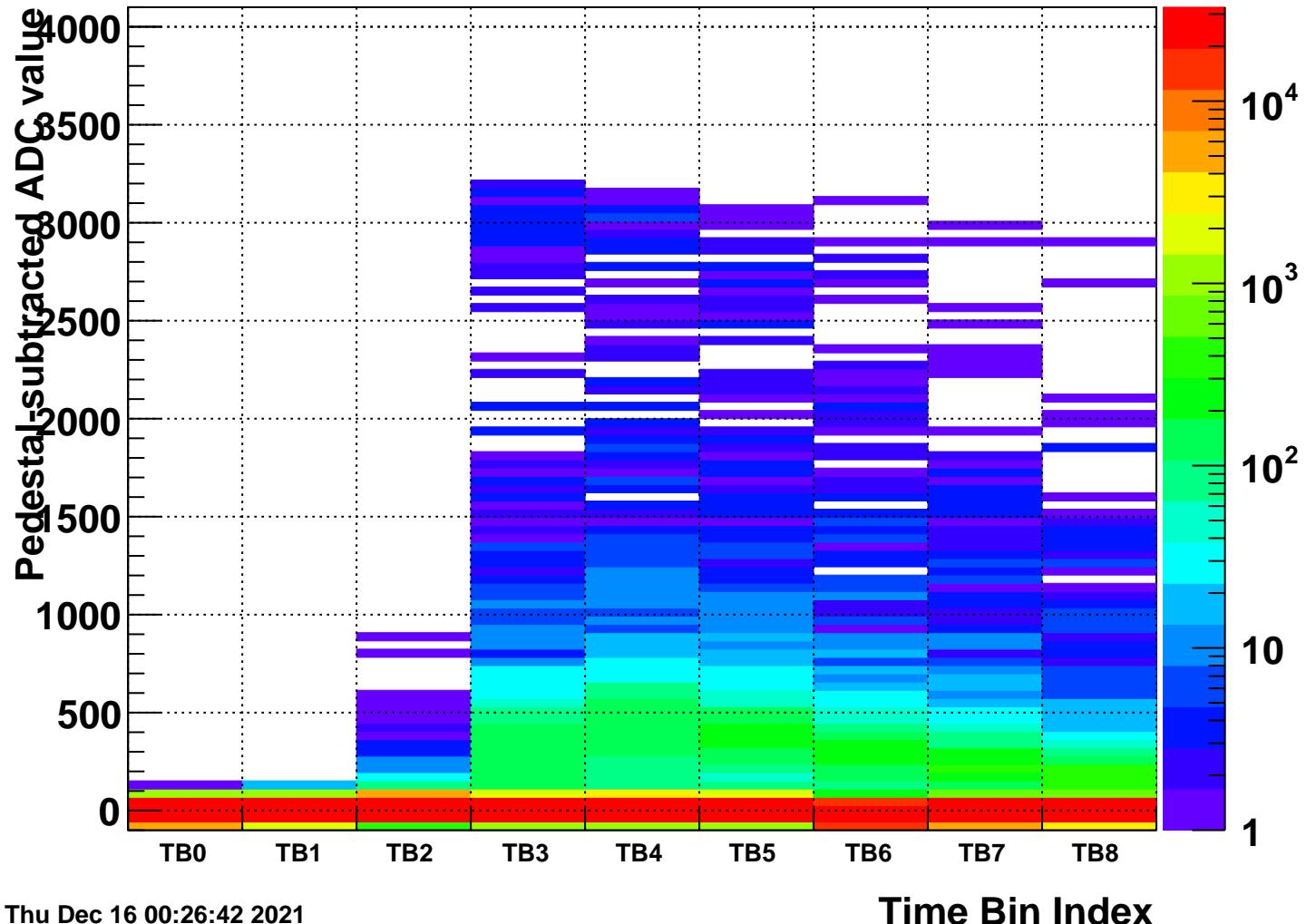
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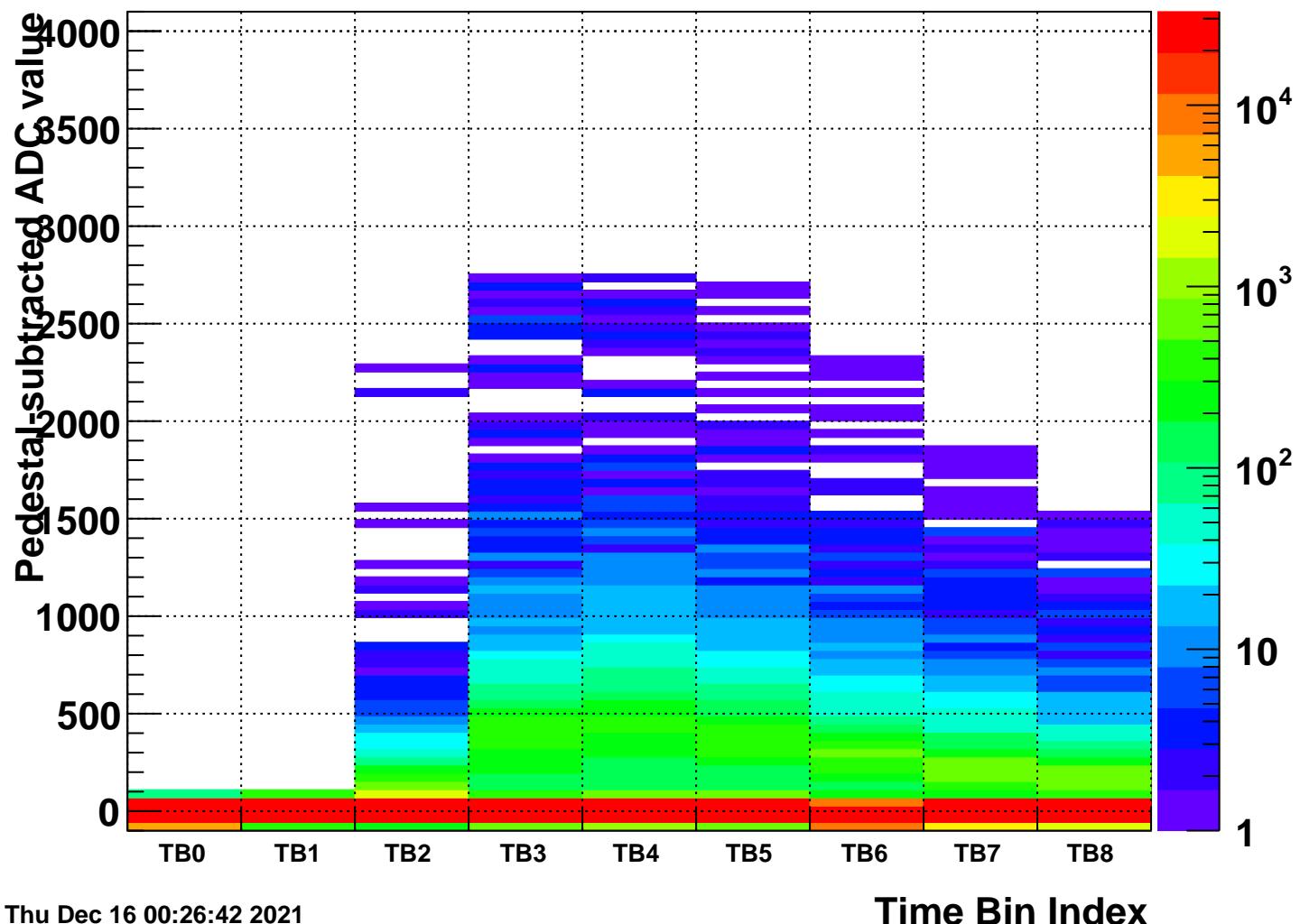
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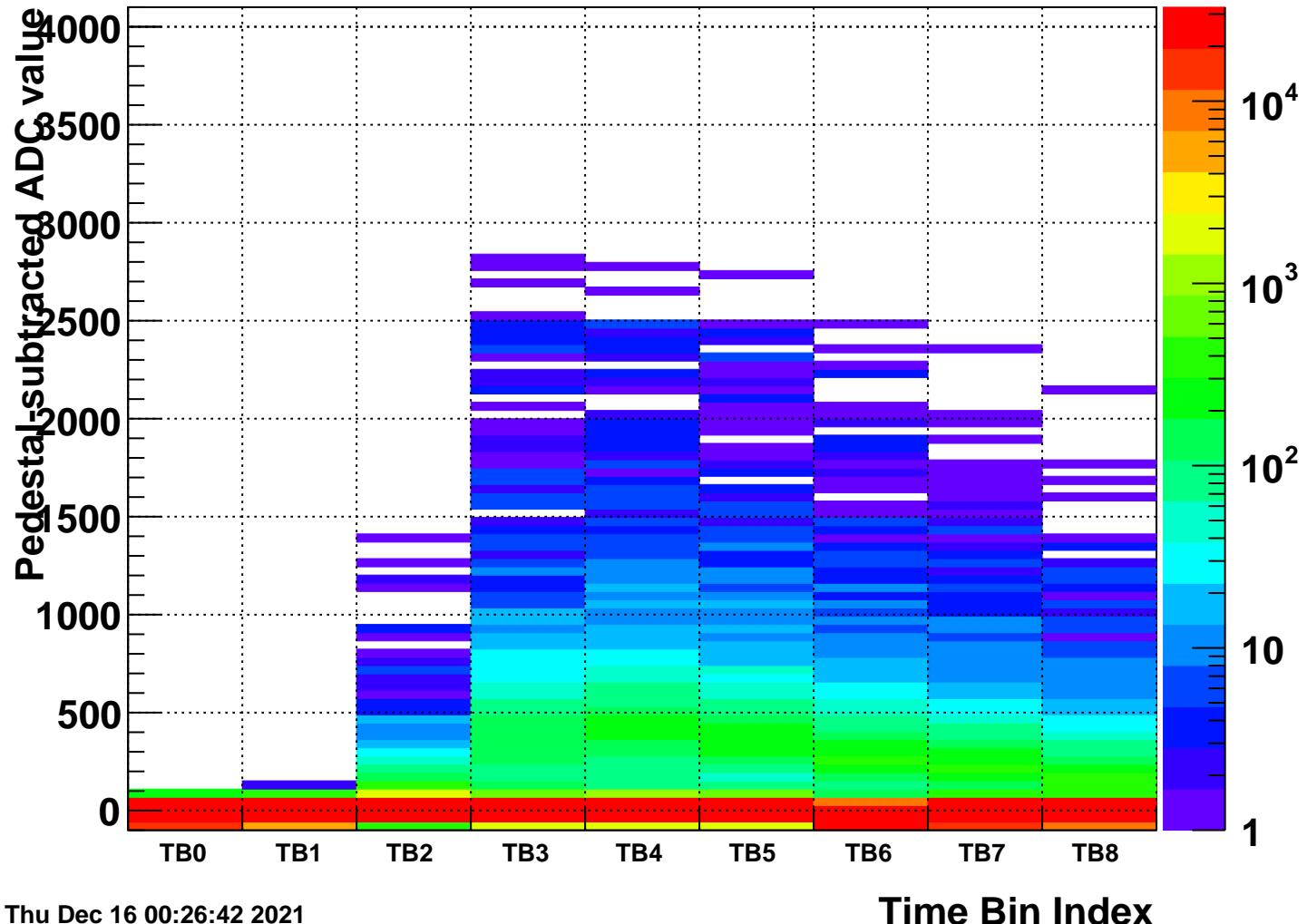
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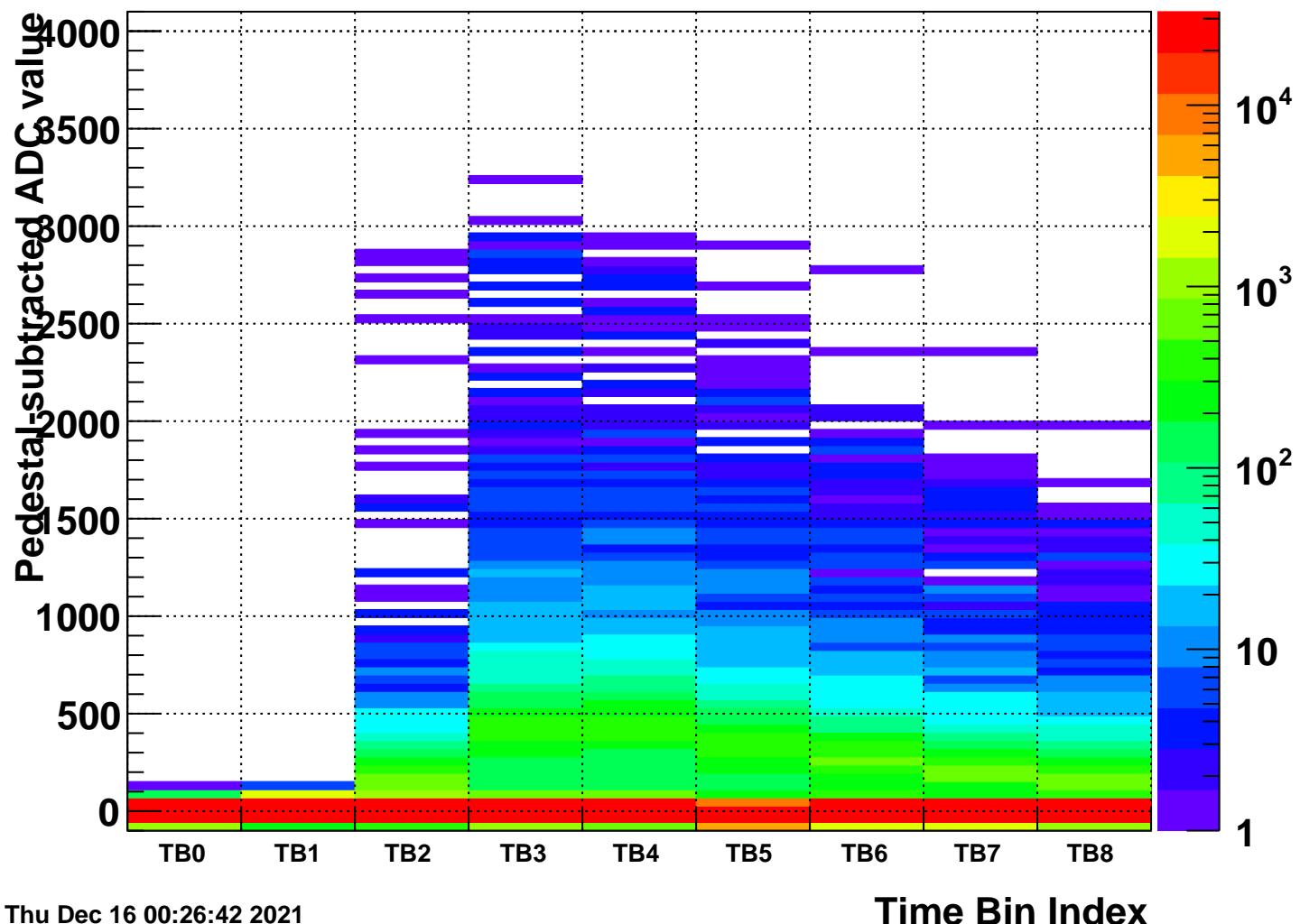
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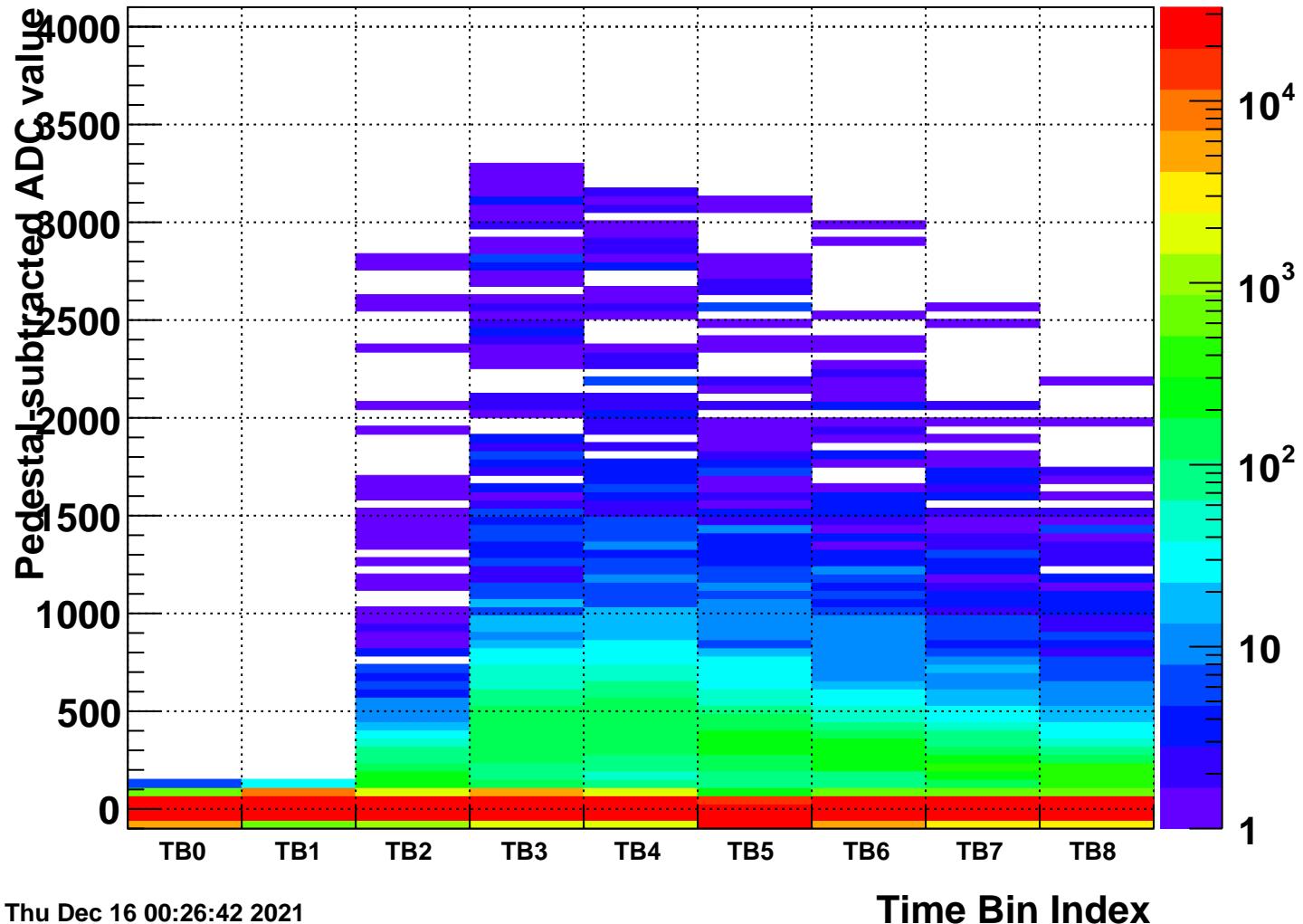
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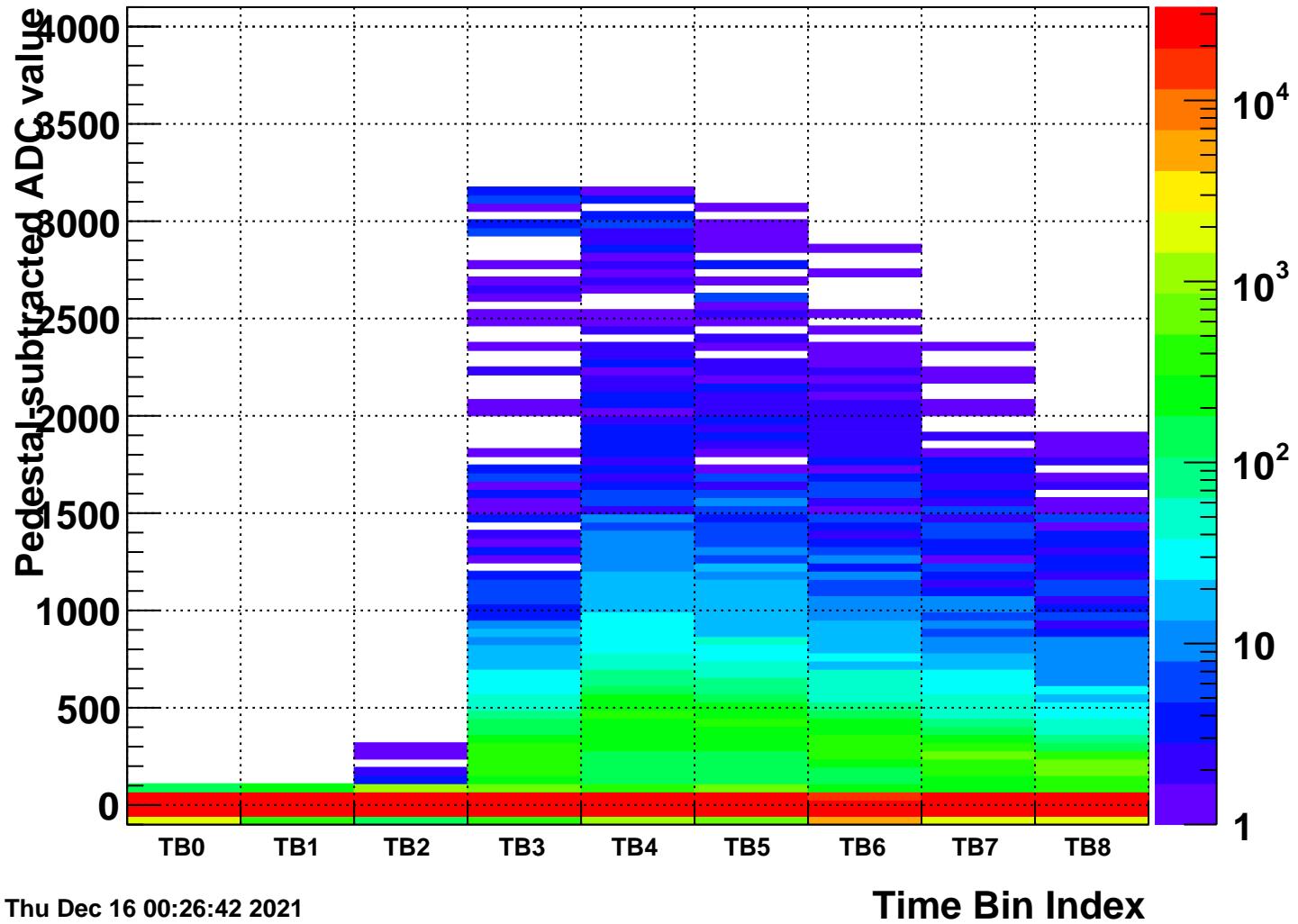
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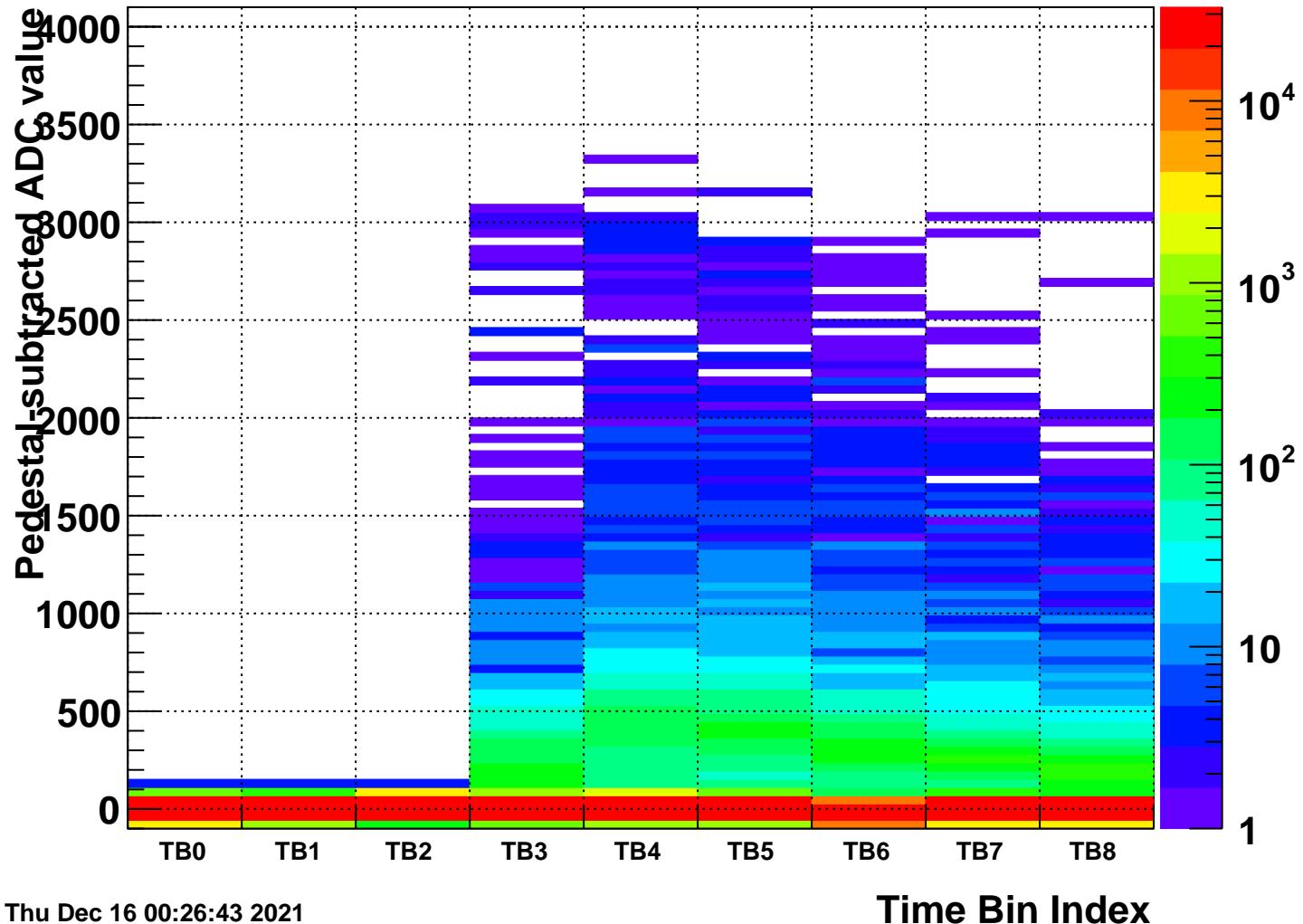
FST - ADC vs Timebin (non-ZS), Disk2 Module4: RDO3_ARM1_PORT1_SEC1



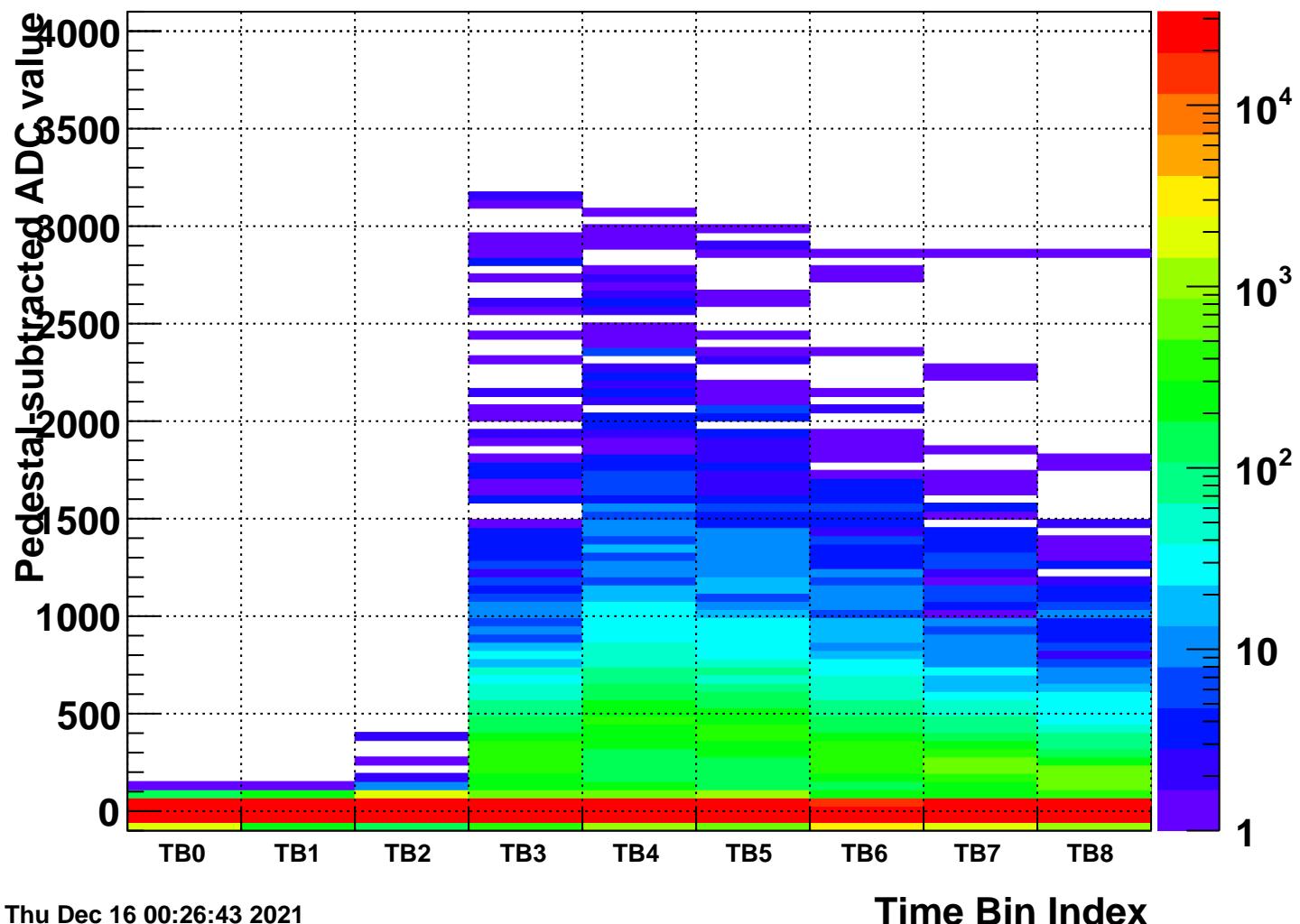
FST - ADC vs Timebin (non-ZS), Disk2 Module5: RDO3_ARM2_PORT0_SEC0



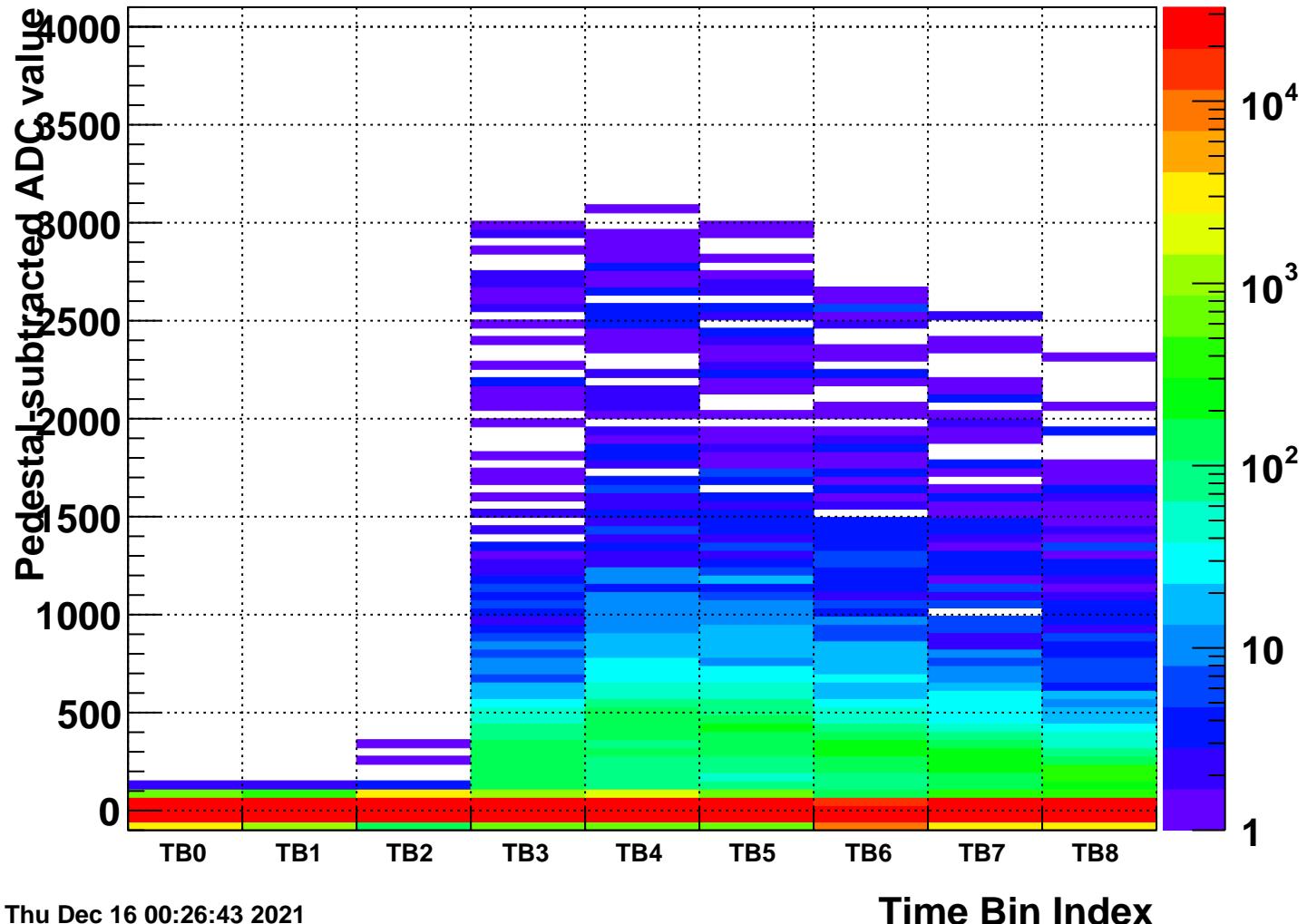
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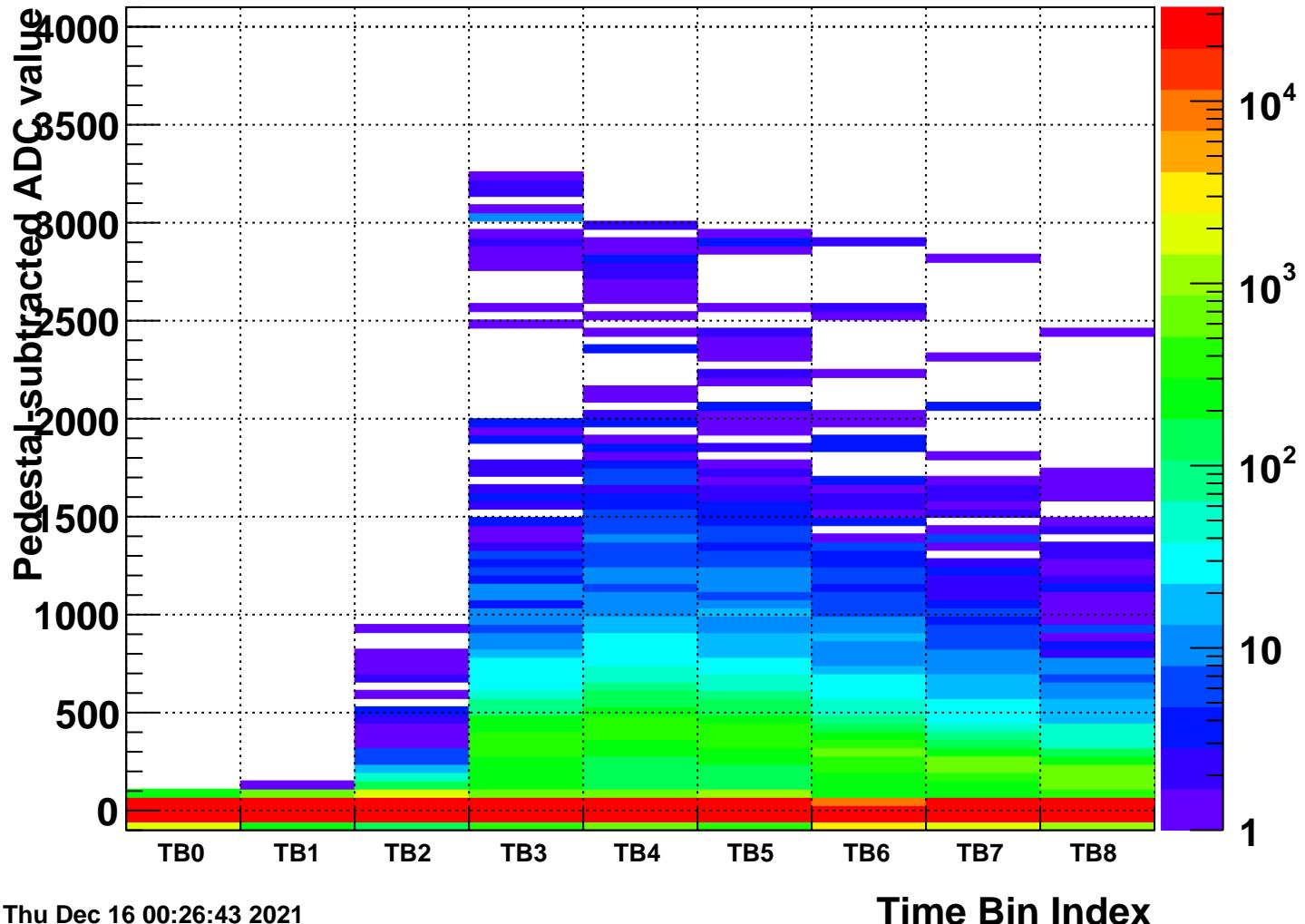
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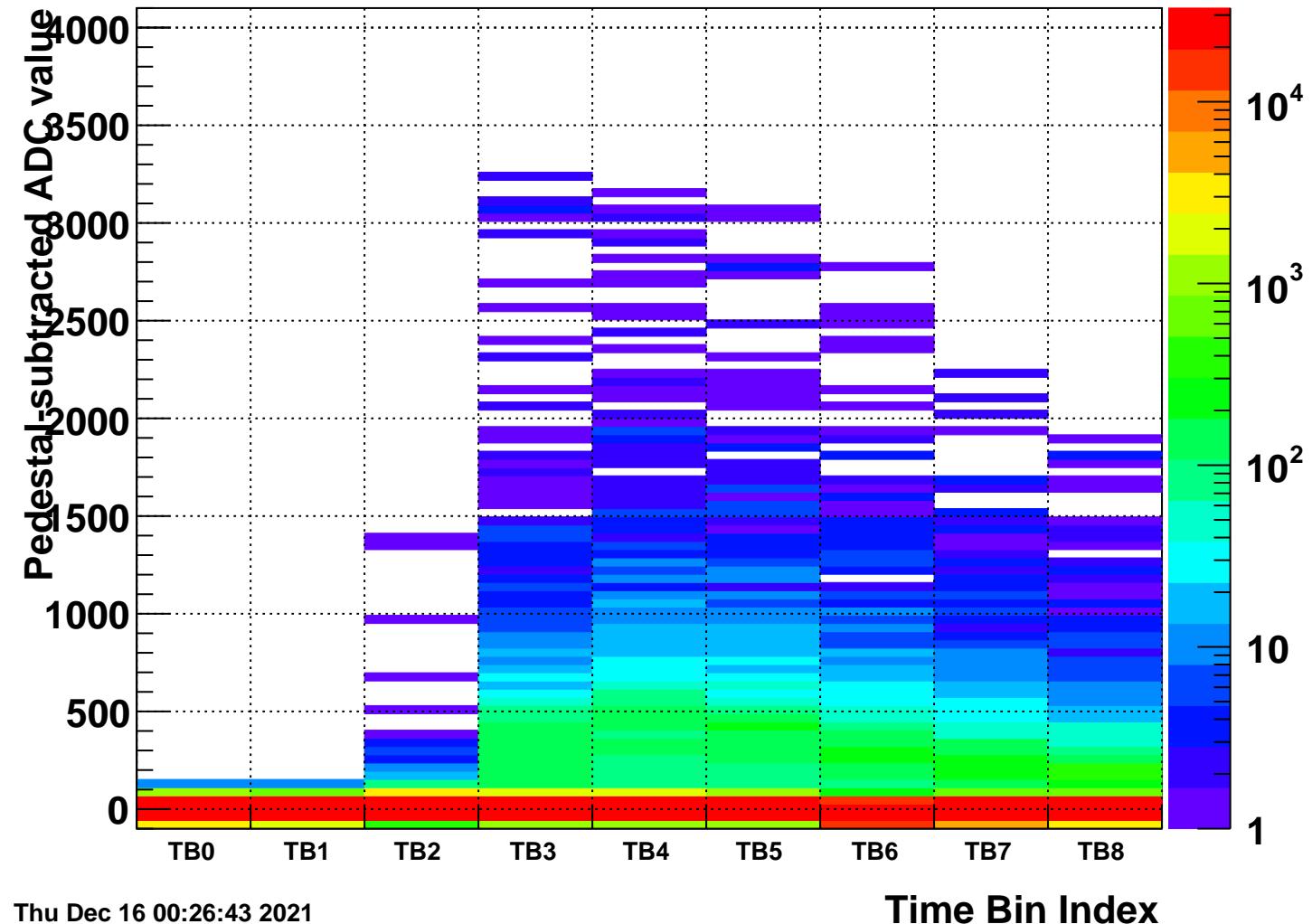
FST - ADC vs Timebin (non-ZS), Disk2 Module6: RDO3_ARM2_PORT1_SEC1



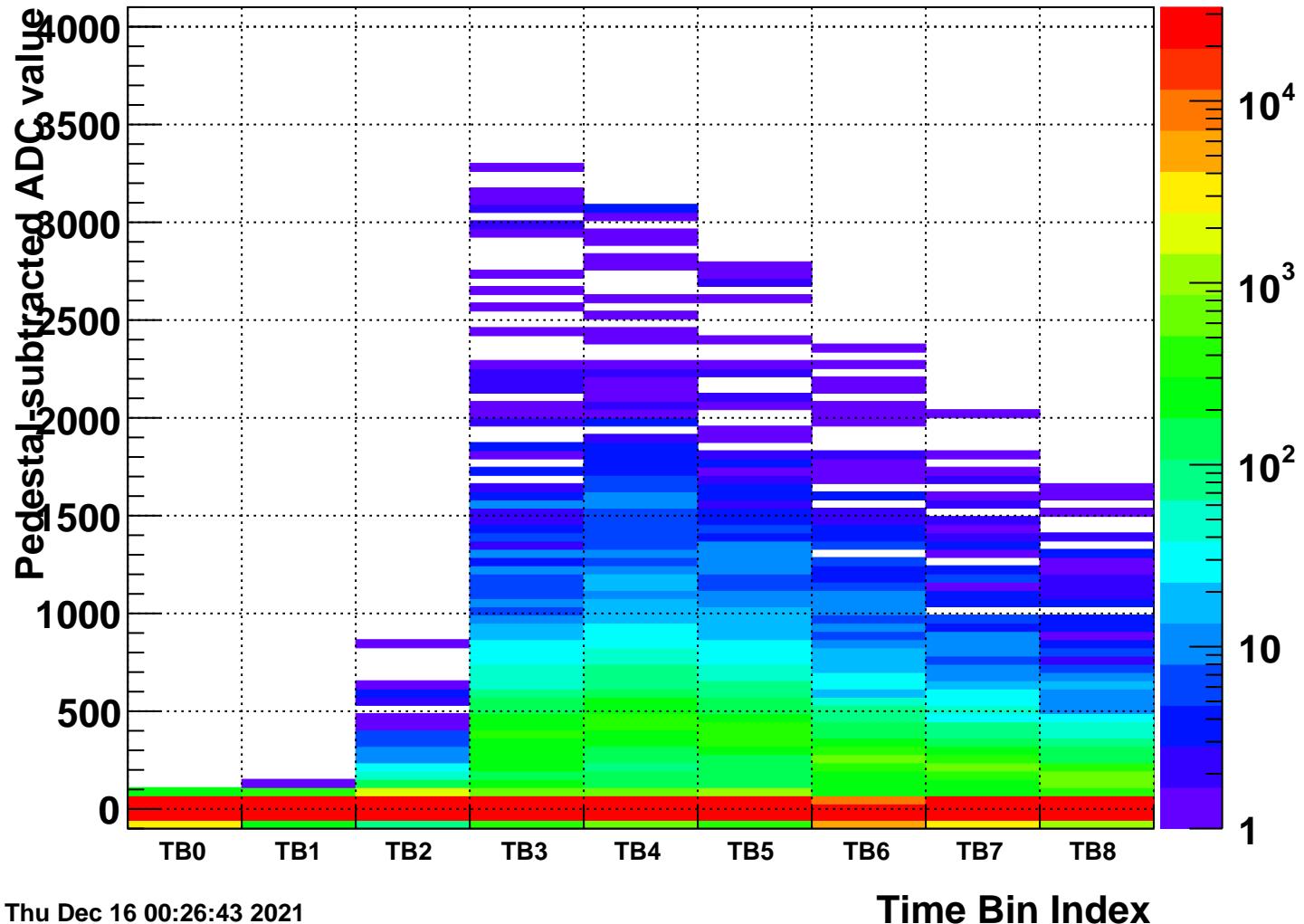
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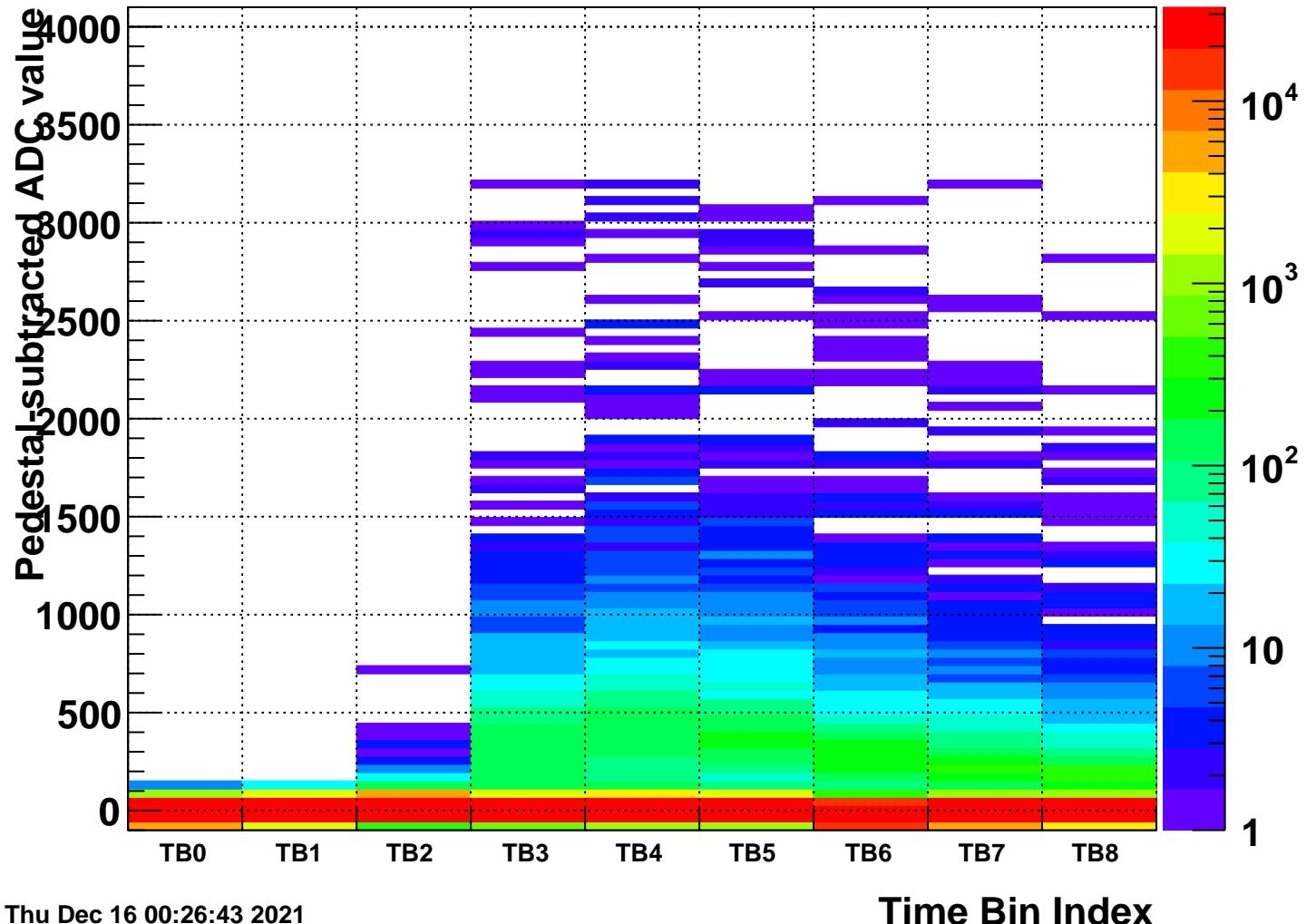
FST - ADC vs Timebin (non-ZS), Disk2 Module7: RDO4_ARM0_PORT0_SEC1



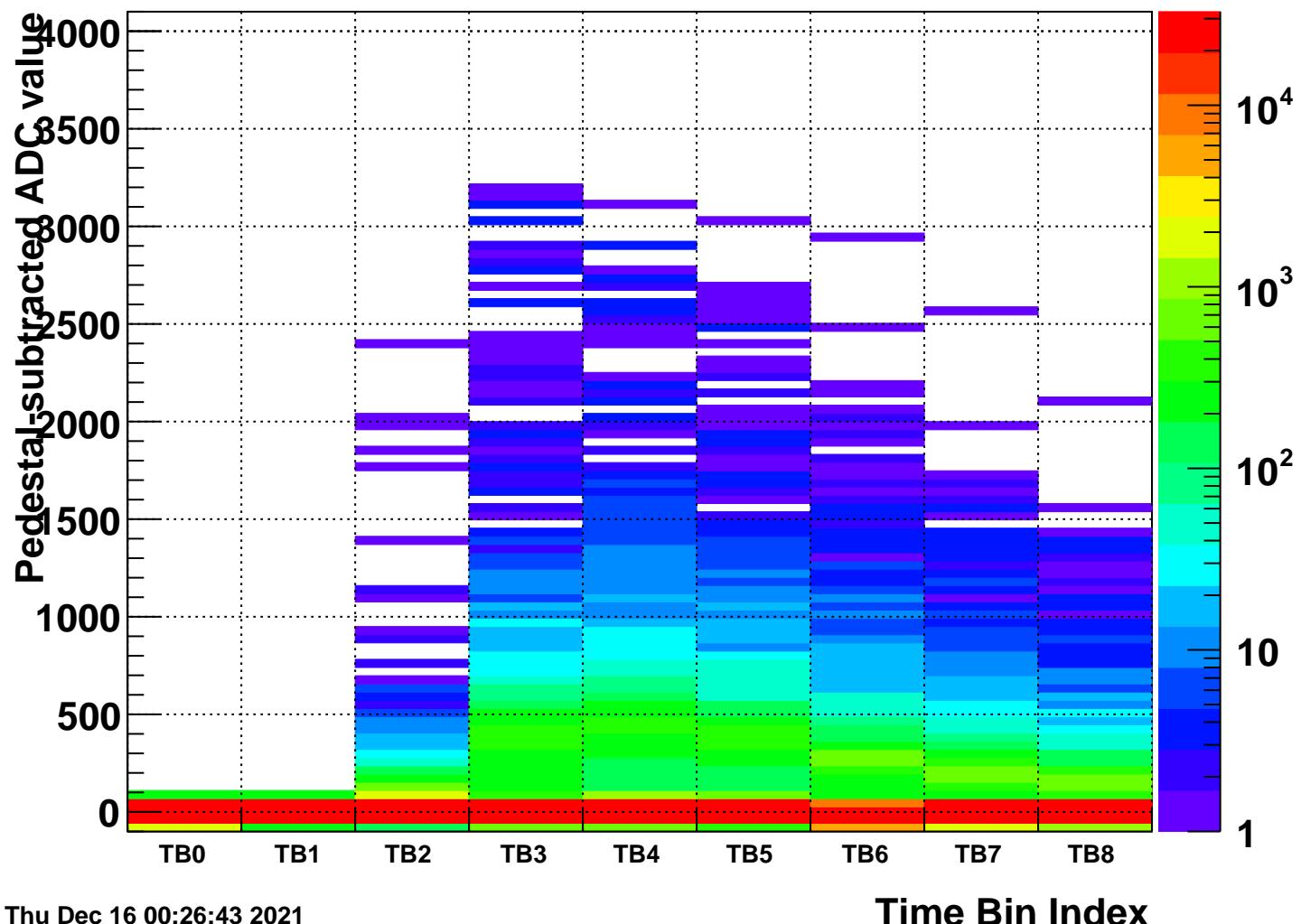
FST - ADC vs Timebin (non-ZS), Disk2 Module8: RDO4_ARM0_PORT1_SEC0



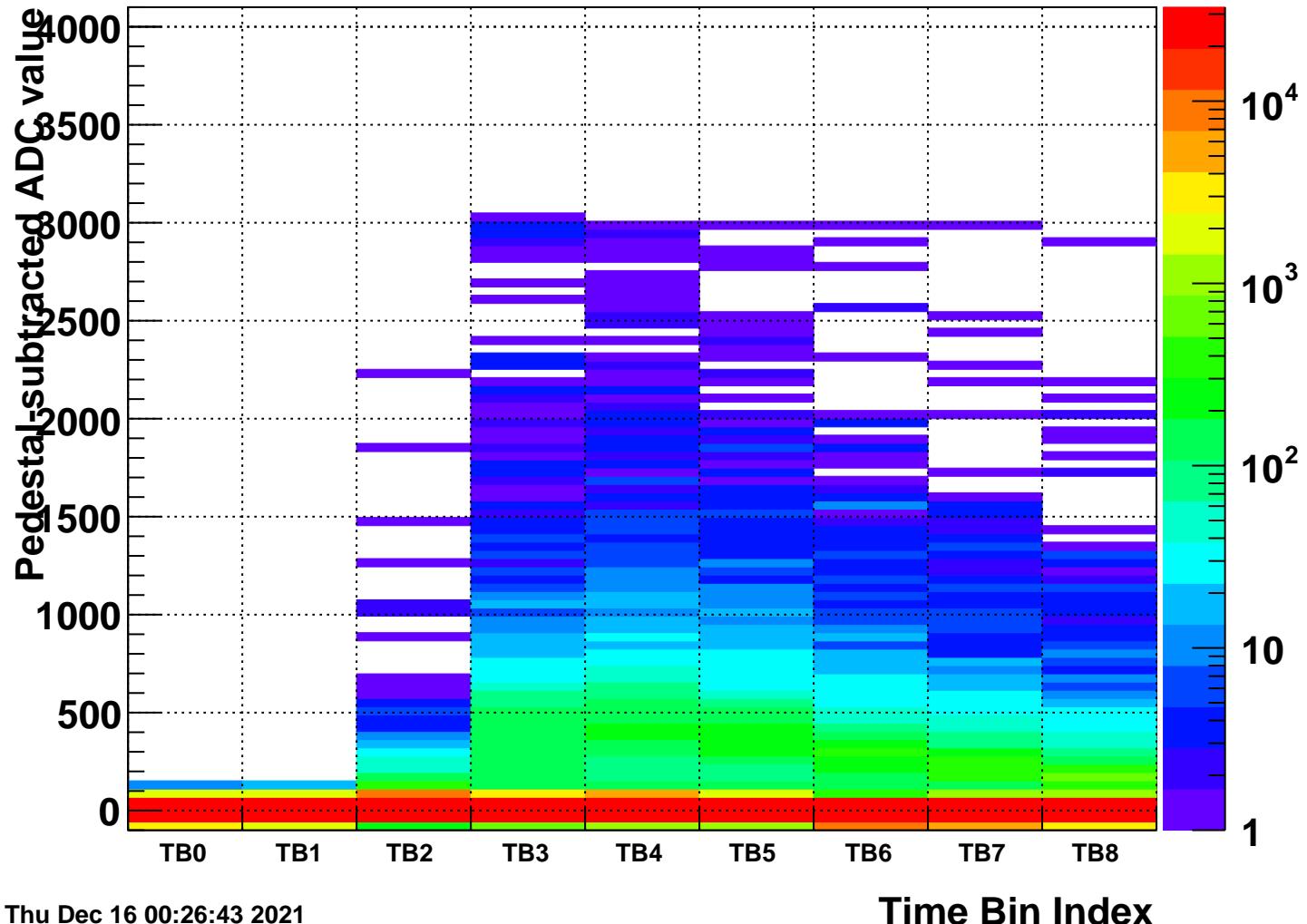
FST - ADC vs Timebin (non-ZS), Disk2 Module8: RDO4_ARM0_PORT1_SEC1



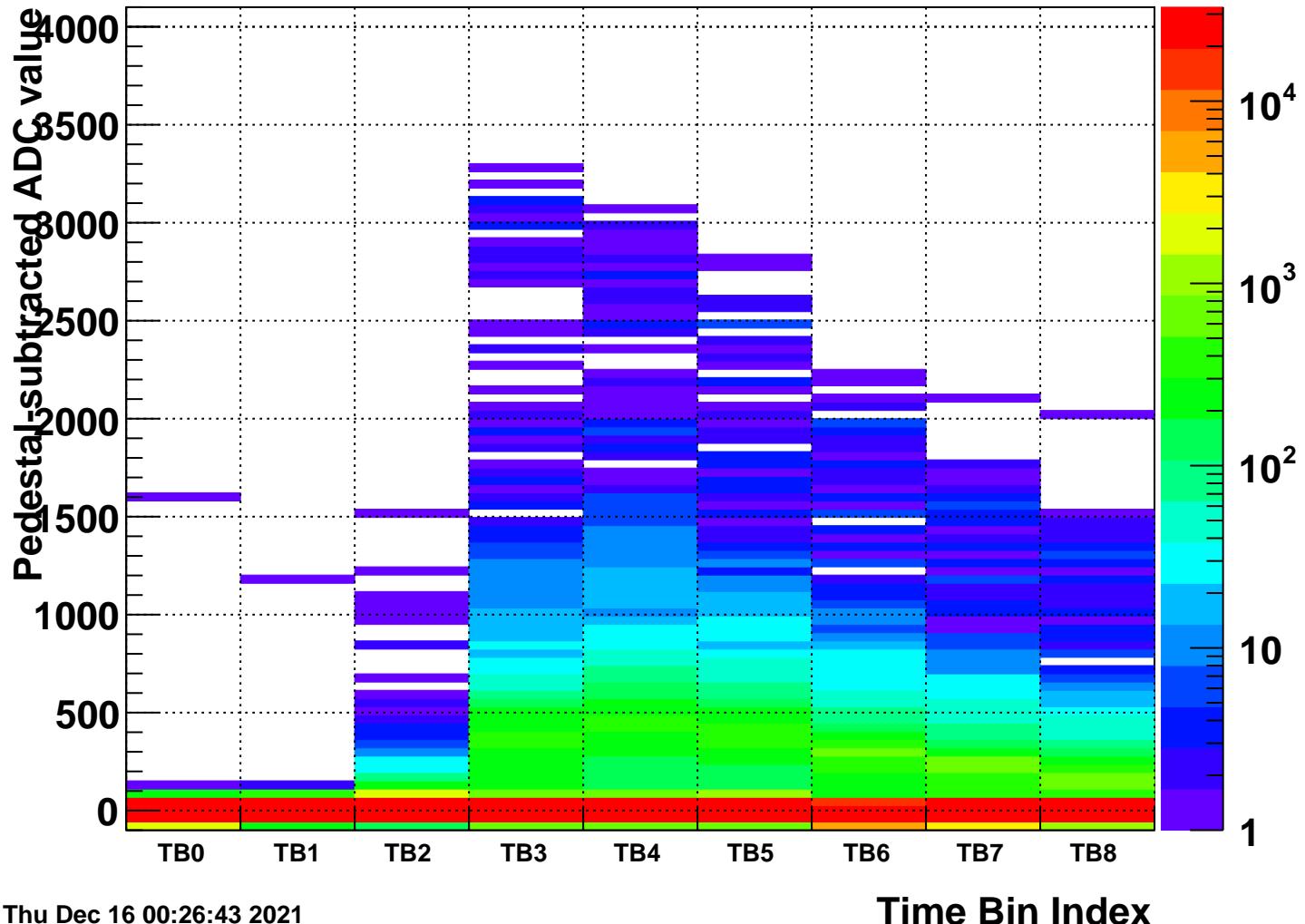
FST - ADC vs Timebin (non-ZS), Disk2 Module9: RDO4_ARM1_PORT0_SEC0



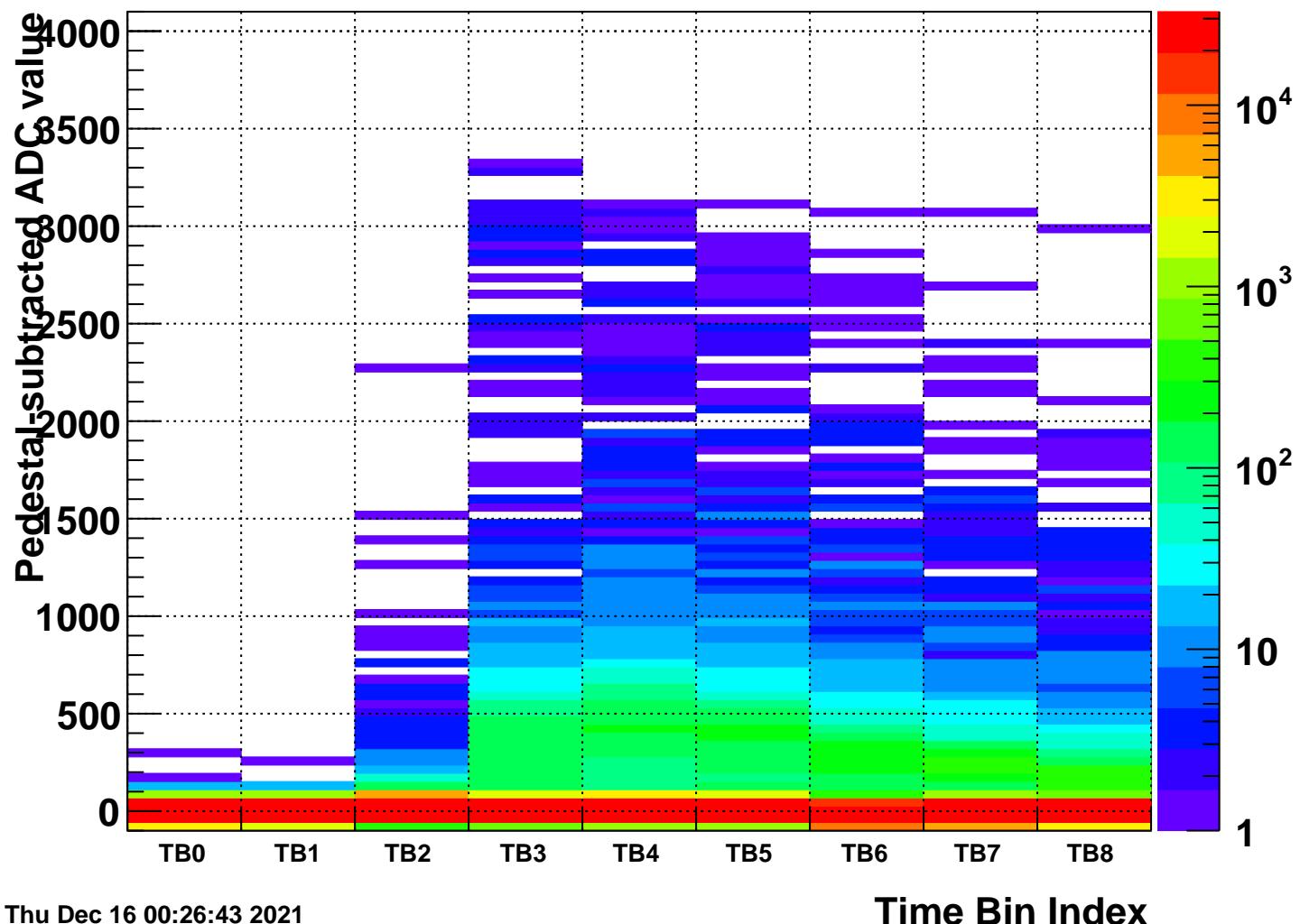
FST - ADC vs Timebin (non-ZS), Disk2 Module9: RDO4_ARM1_PORT0_SEC1



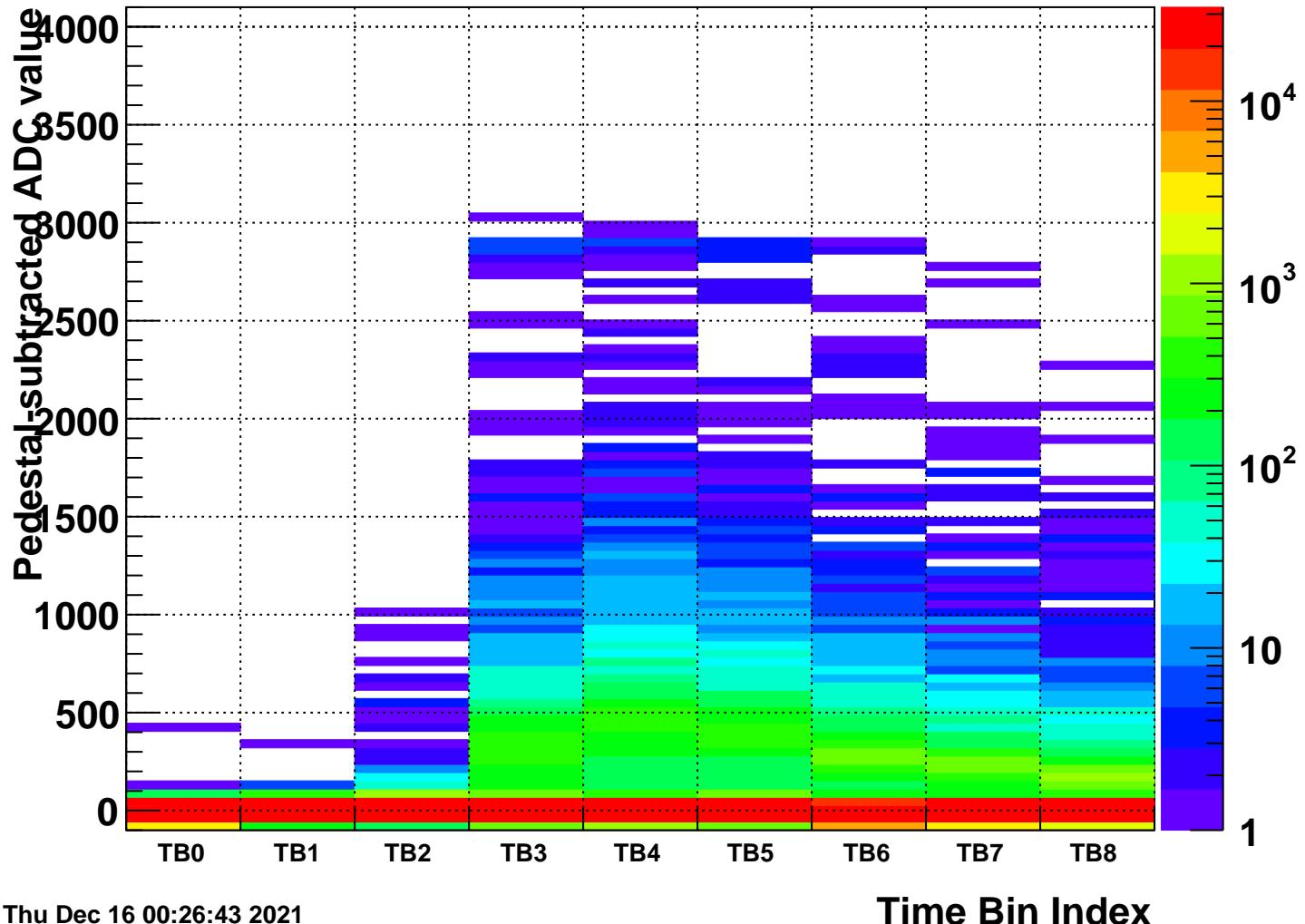
FST - ADC vs Timebin (non-ZS), Disk2 Module10: RDO4_ARM1_PORT1_SEC0



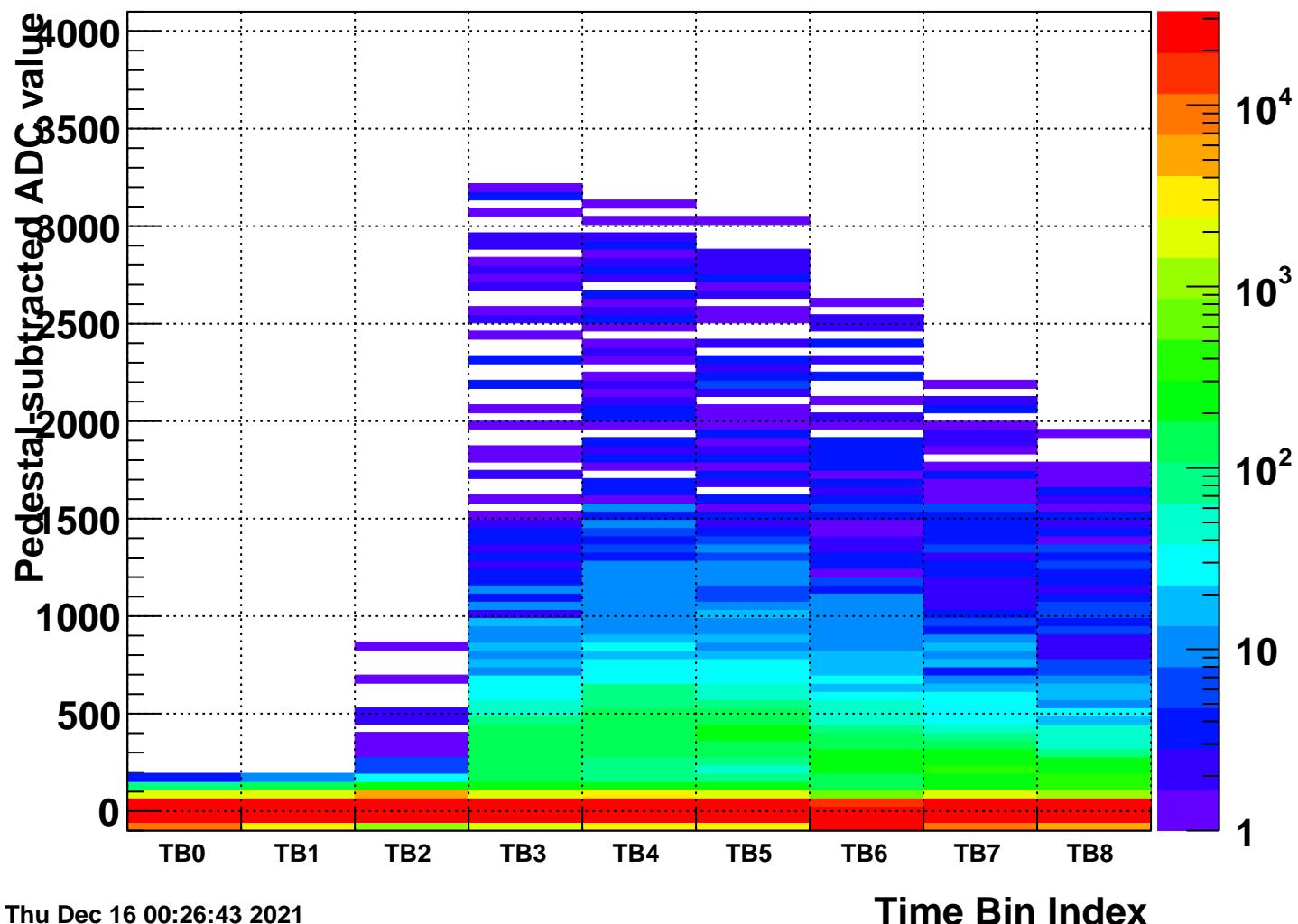
FST - ADC vs Timebin (non-ZS), Disk2 Module10: RDO4_ARM1_PORT1_SEC1



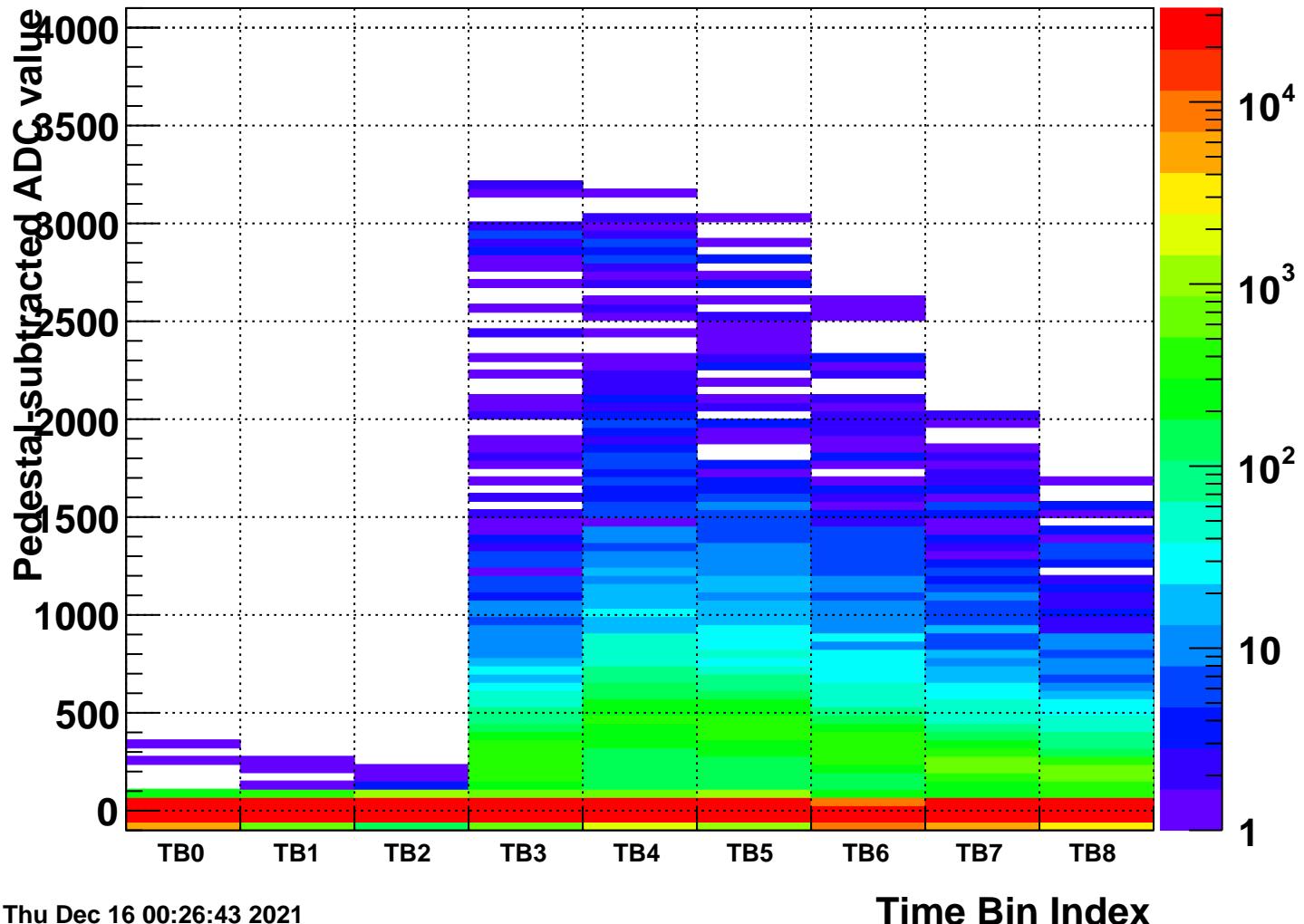
FST - ADC vs Timebin (non-ZS), Disk2 Module11: RDO4_ARM2_PORT0_SEC0



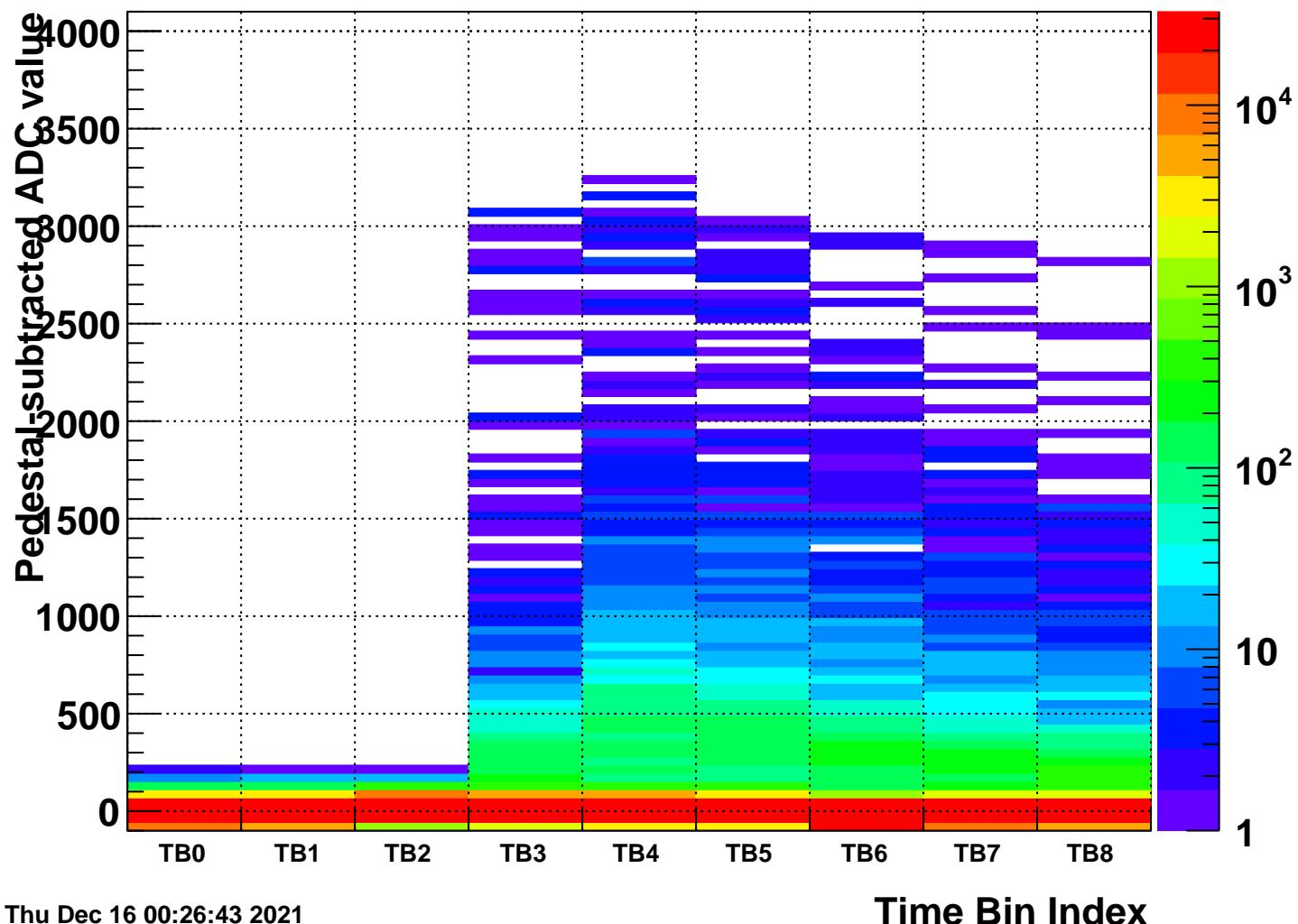
FST - ADC vs Timebin (non-ZS), Disk2 Module11: RDO4_ARM2_PORT0_SEC1



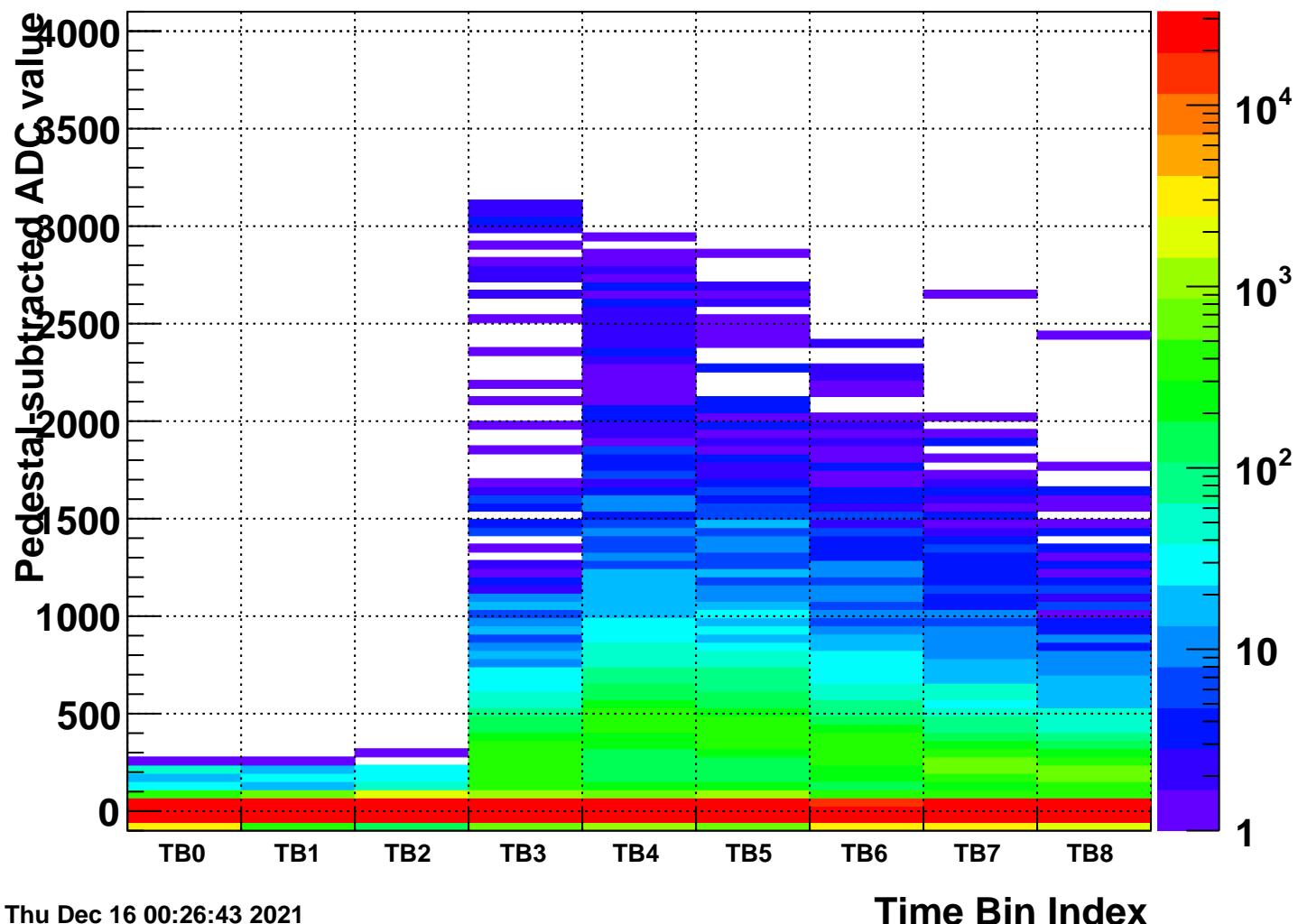
FST - ADC vs Timebin (non-ZS), Disk2 Module12: RDO4_ARM2_PORT1_SEC0



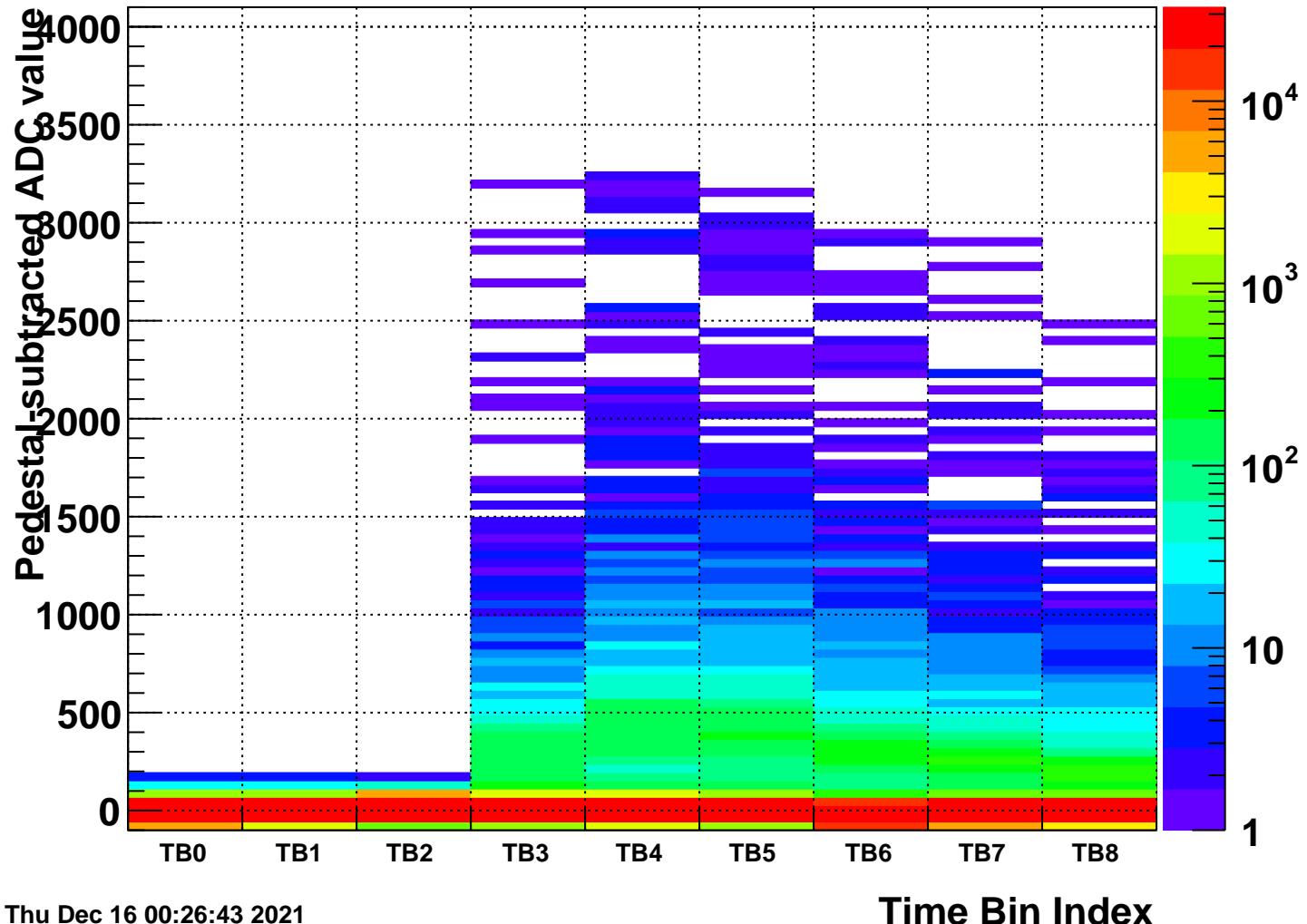
FST - ADC vs Timebin (non-ZS), Disk2 Module12: RDO4_ARM2_PORT1_SEC1



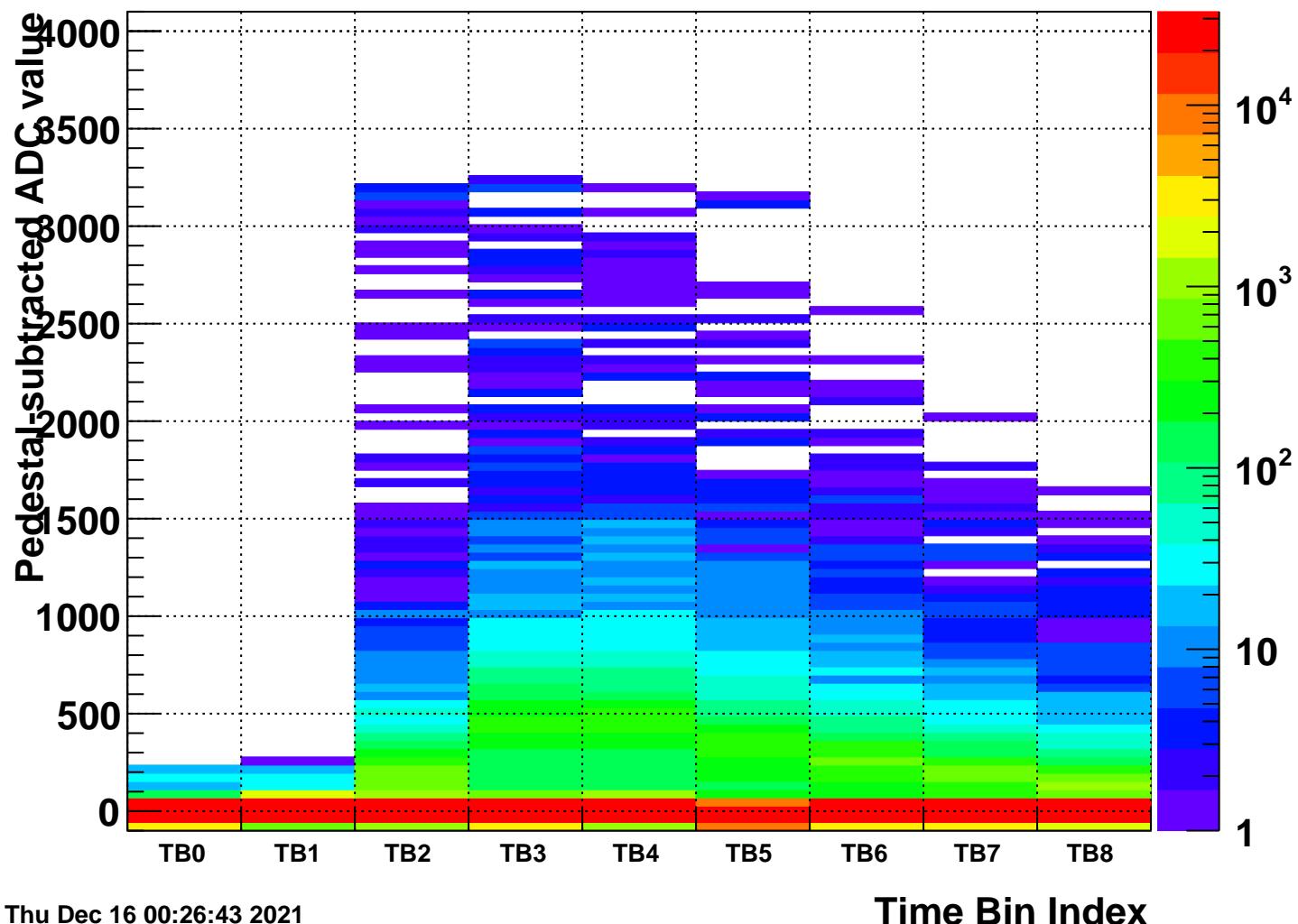
FST - ADC vs Timebin (non-ZS), Disk3 Module1: RDO5_ARM0_PORT0_SEC0



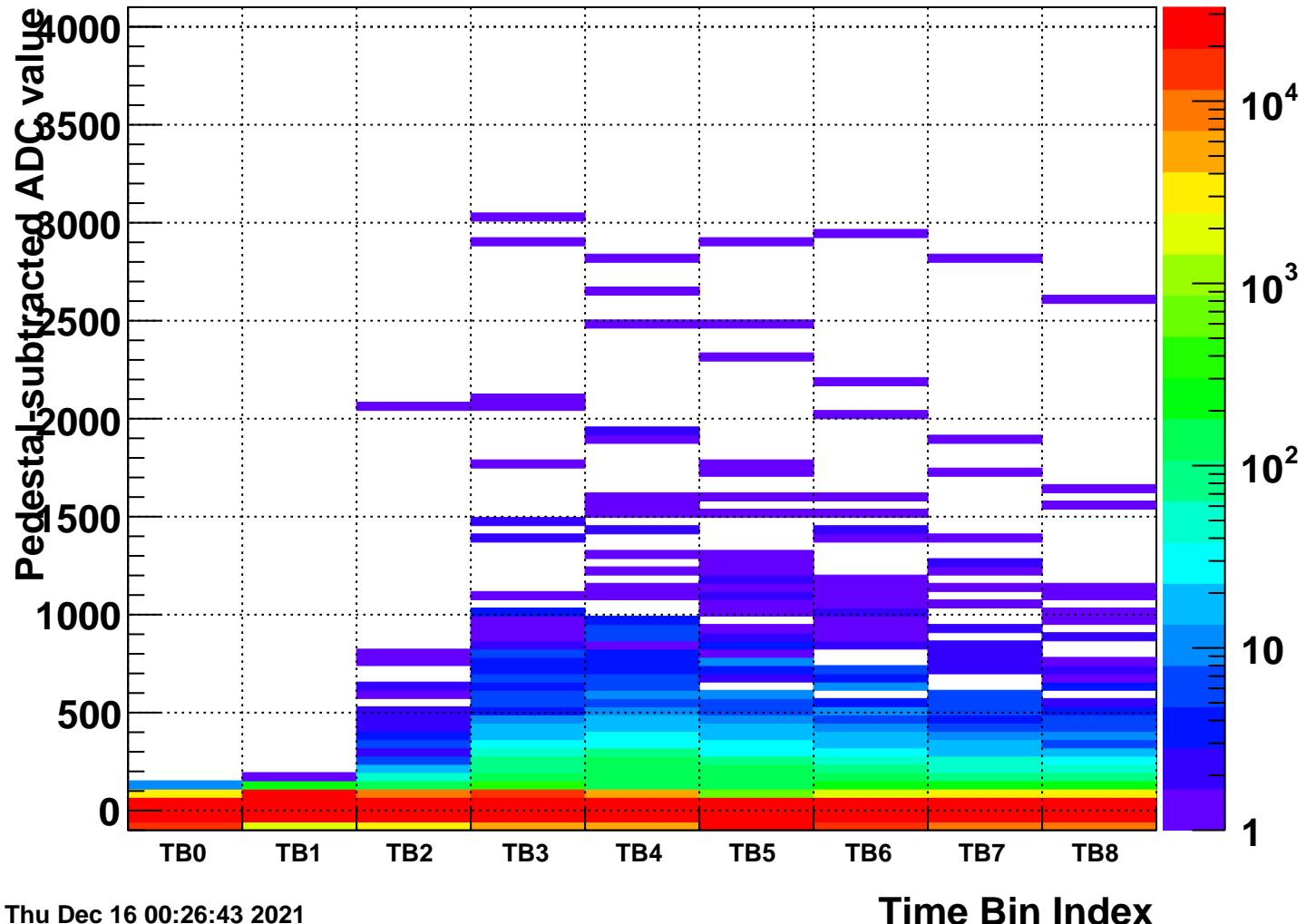
FST - ADC vs Timebin (non-ZS), Disk3 Module1: RDO5_ARM0_PORT0_SEC1



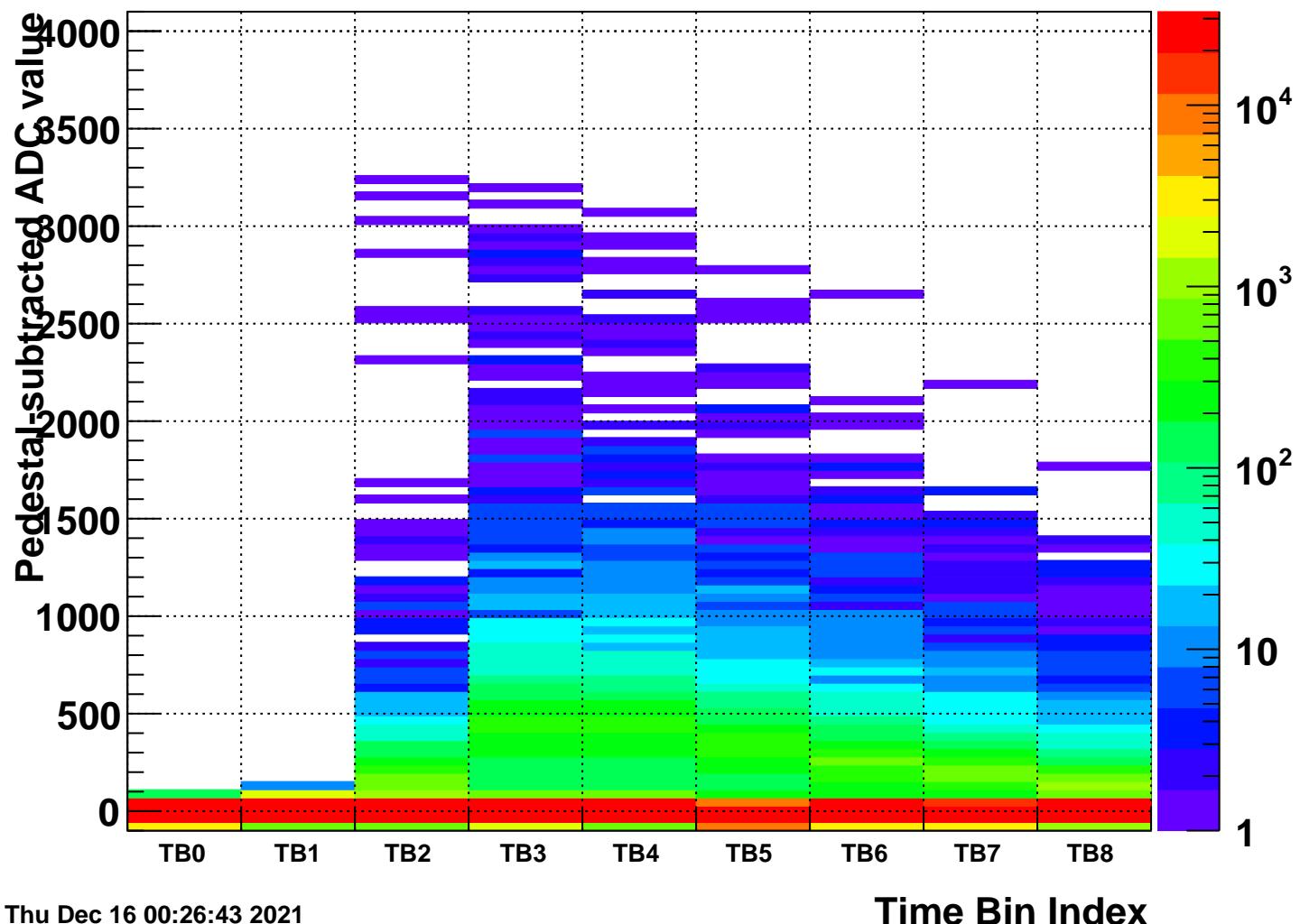
FST - ADC vs Timebin (non-ZS), Disk3 Module2: RDO5_ARM0_PORT1_SEC0



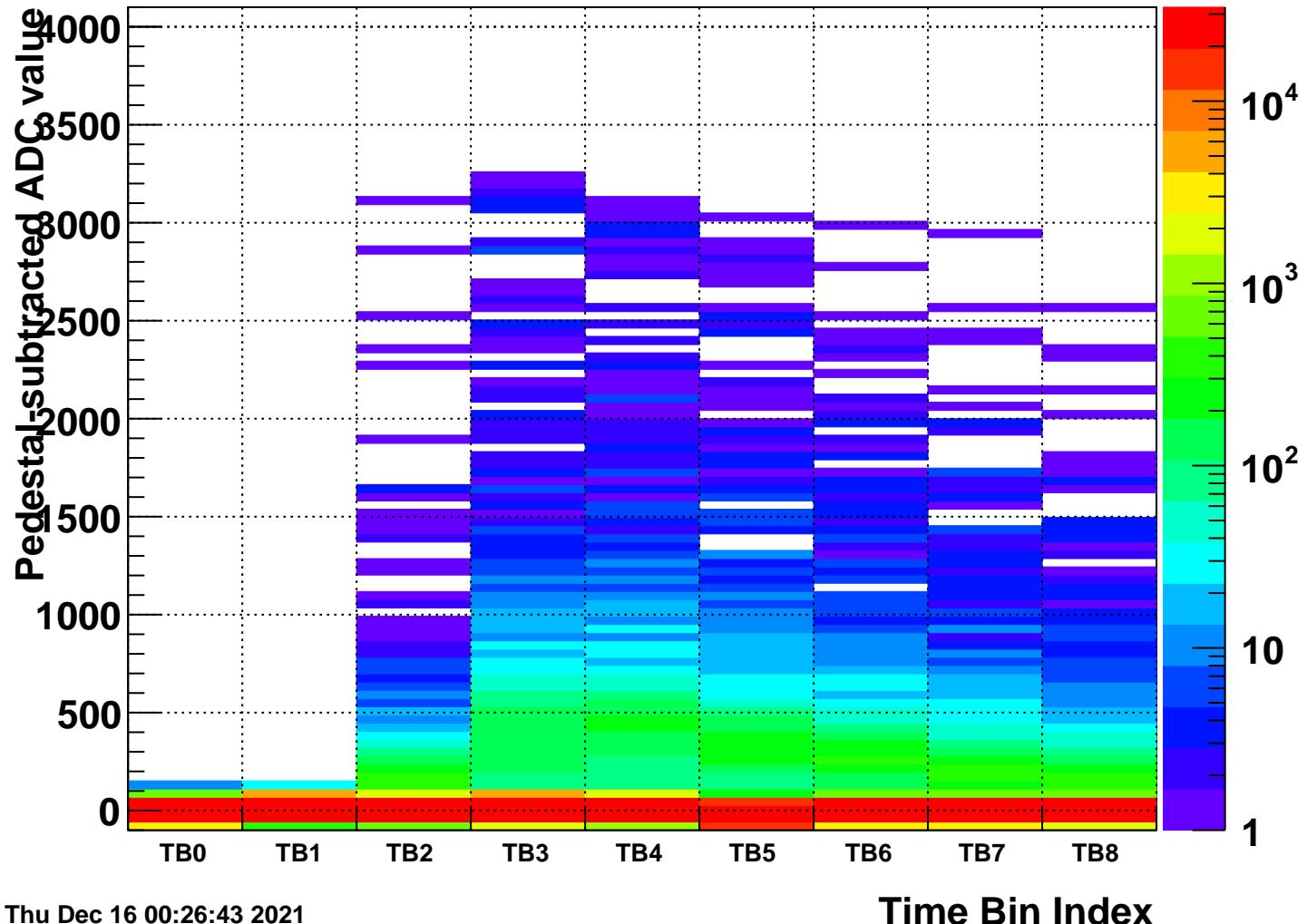
FST - ADC vs Timebin (non-ZS), Disk3 Module2: RDO5_ARM0_PORT1_SEC1



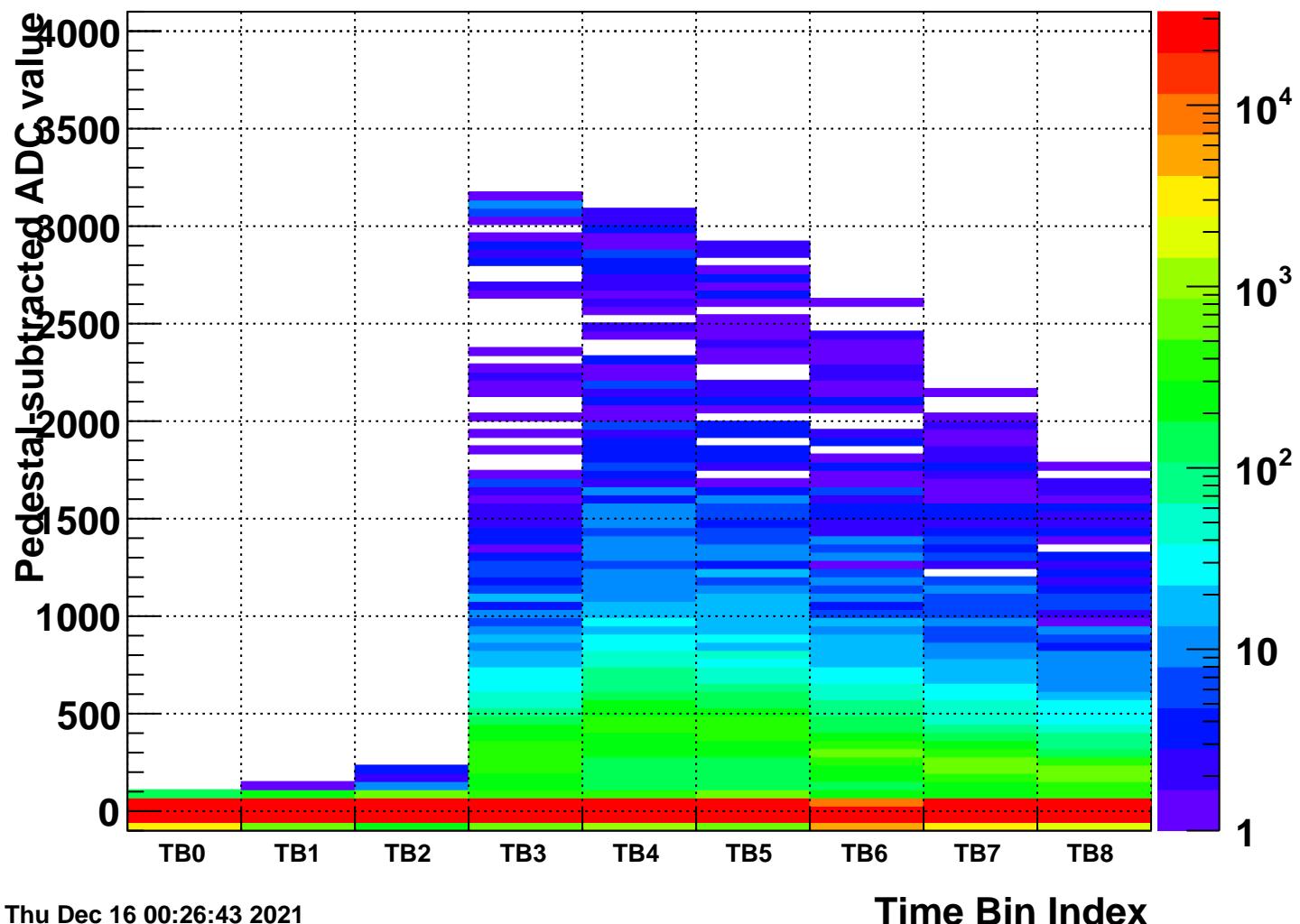
FST - ADC vs Timebin (non-ZS), Disk3 Module3: RDO5_ARM1_PORT0_SEC0



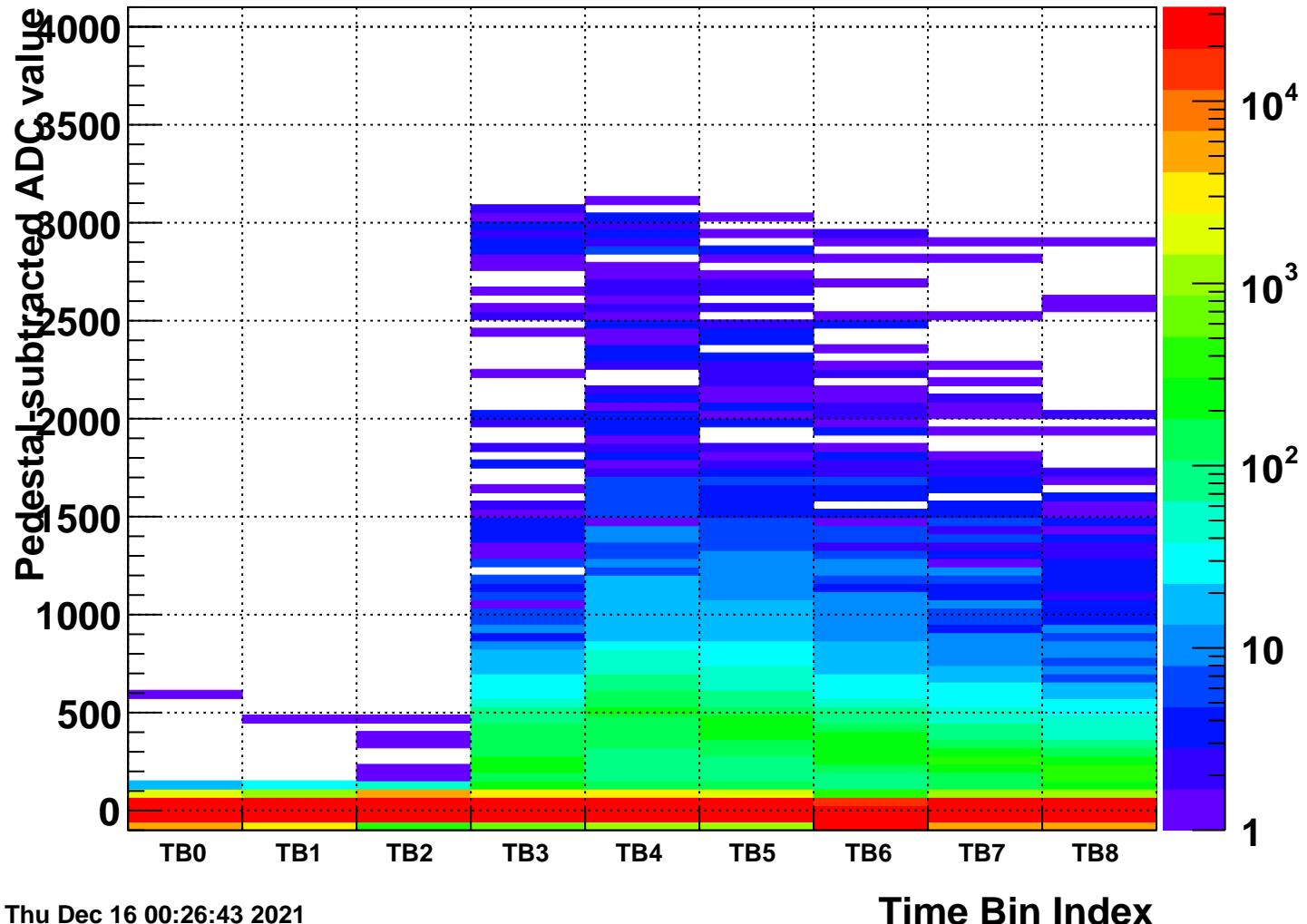
FST - ADC vs Timebin (non-ZS), Disk3 Module3: RDO5_ARM1_PORT0_SEC1



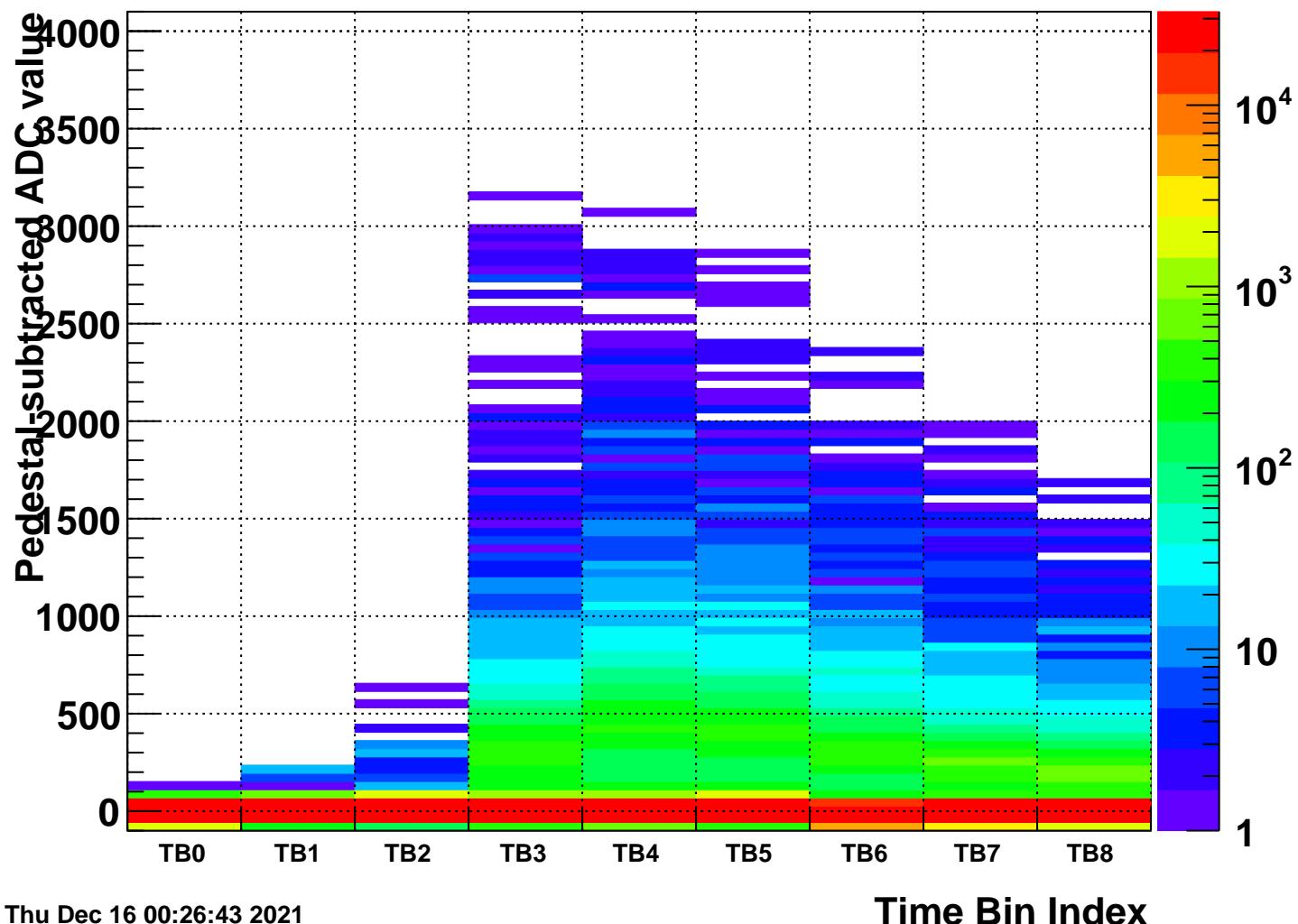
FST - ADC vs Timebin (non-ZS), Disk3 Module4: RDO5_ARM1_PORT1_SEC0



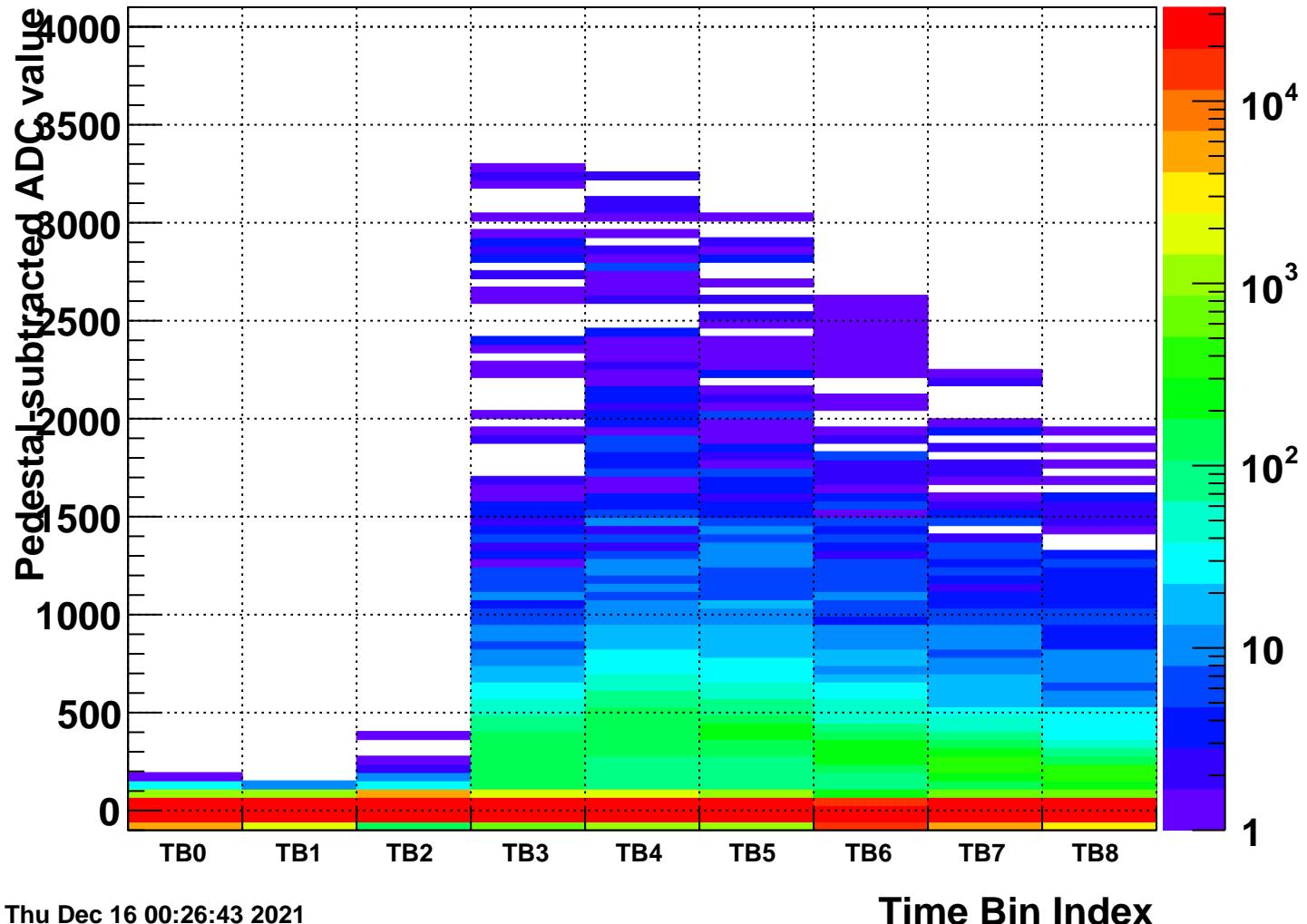
FST - ADC vs Timebin (non-ZS), Disk3 Module4: RDO5_ARM1_PORT1_SEC1



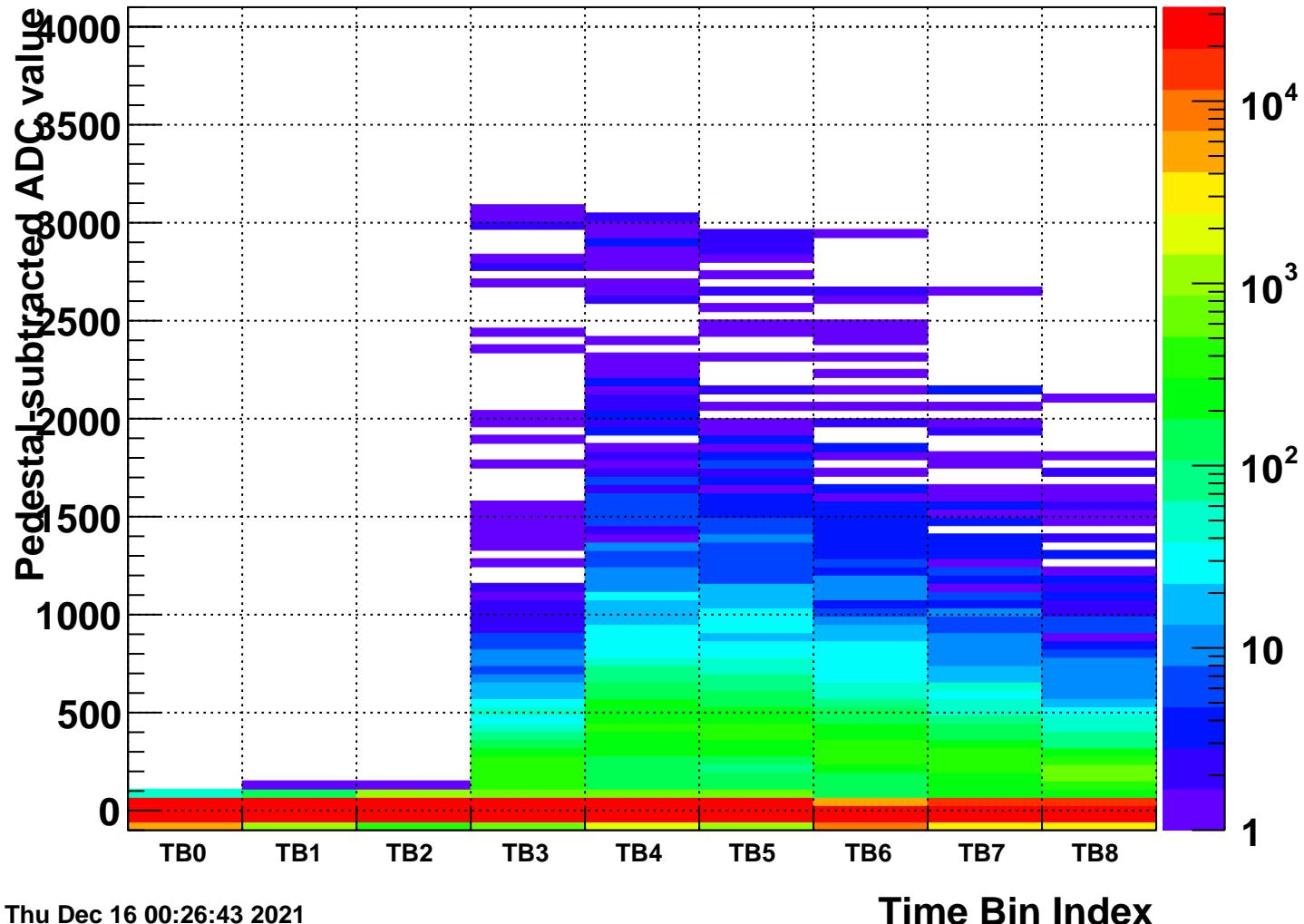
FST - ADC vs Timebin (non-ZS), Disk3 Module5: RDO5_ARM2_PORT0_SEC0



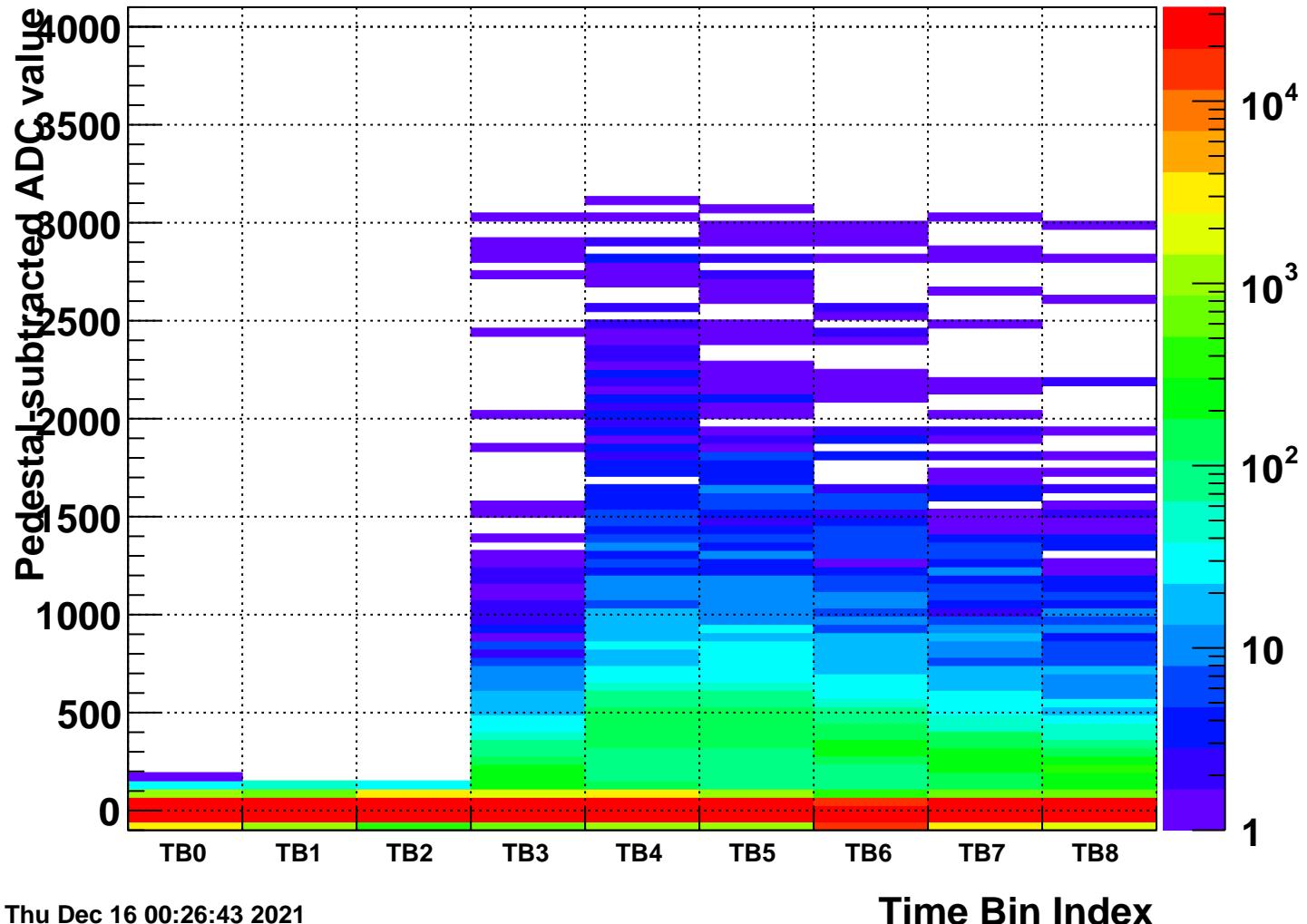
FST - ADC vs Timebin (non-ZS), Disk3 Module5: RDO5_ARM2_PORT0_SEC1



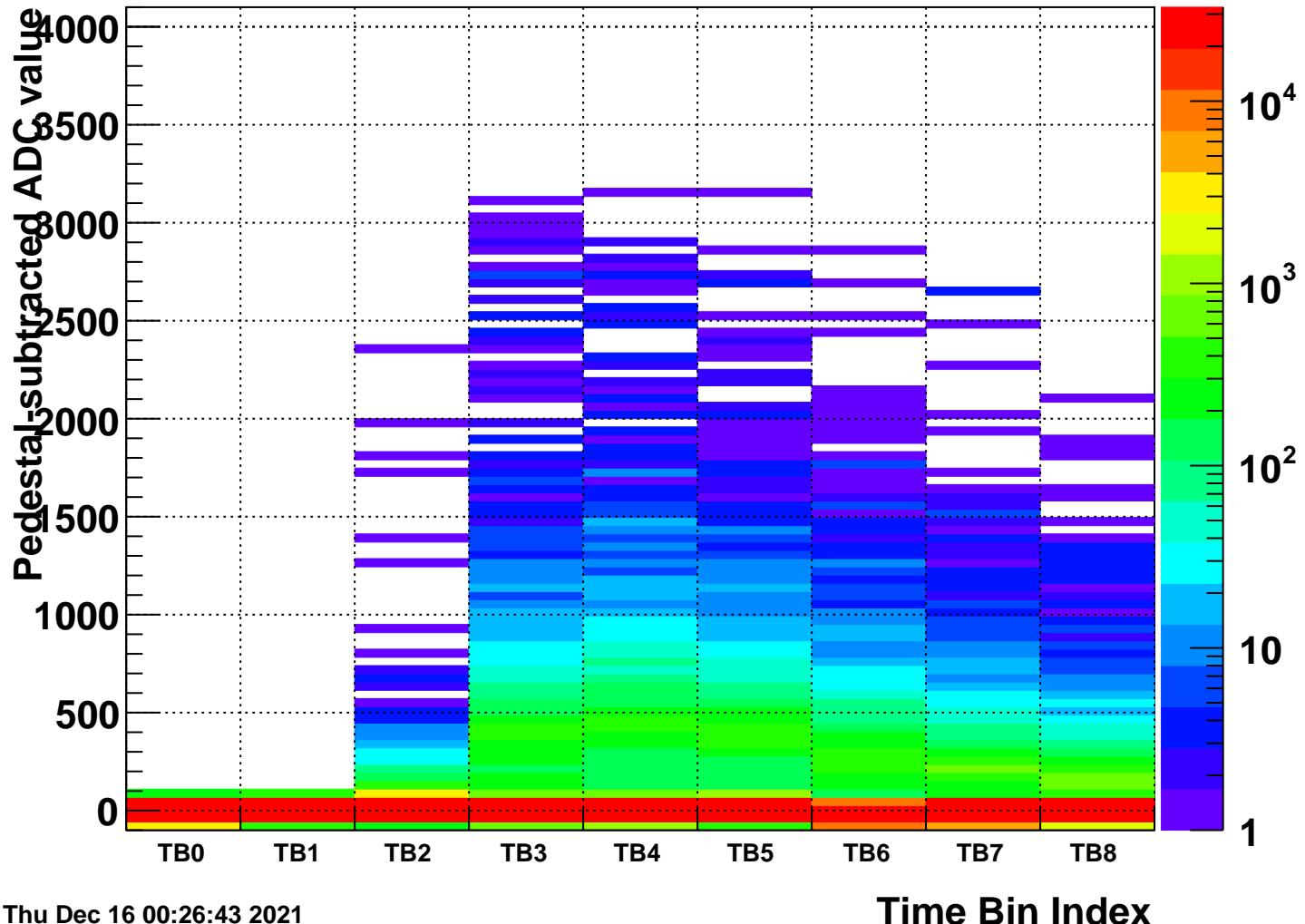
FST - ADC vs Timebin (non-ZS), Disk3 Module6: RDO5_ARM2_PORT1_SEC0



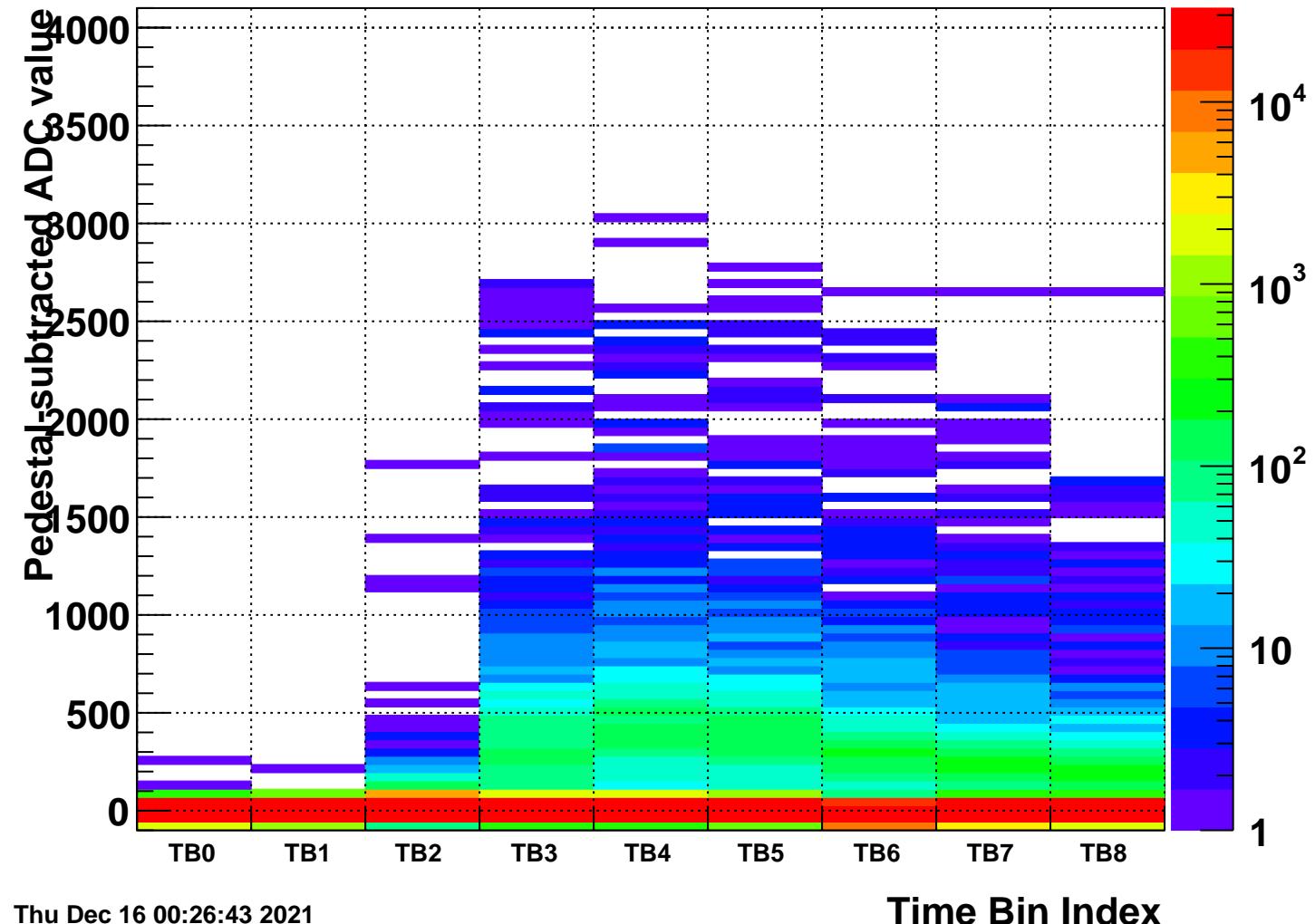
FST - ADC vs Timebin (non-ZS), Disk3 Module6: RDO5_ARM2_PORT1_SEC1



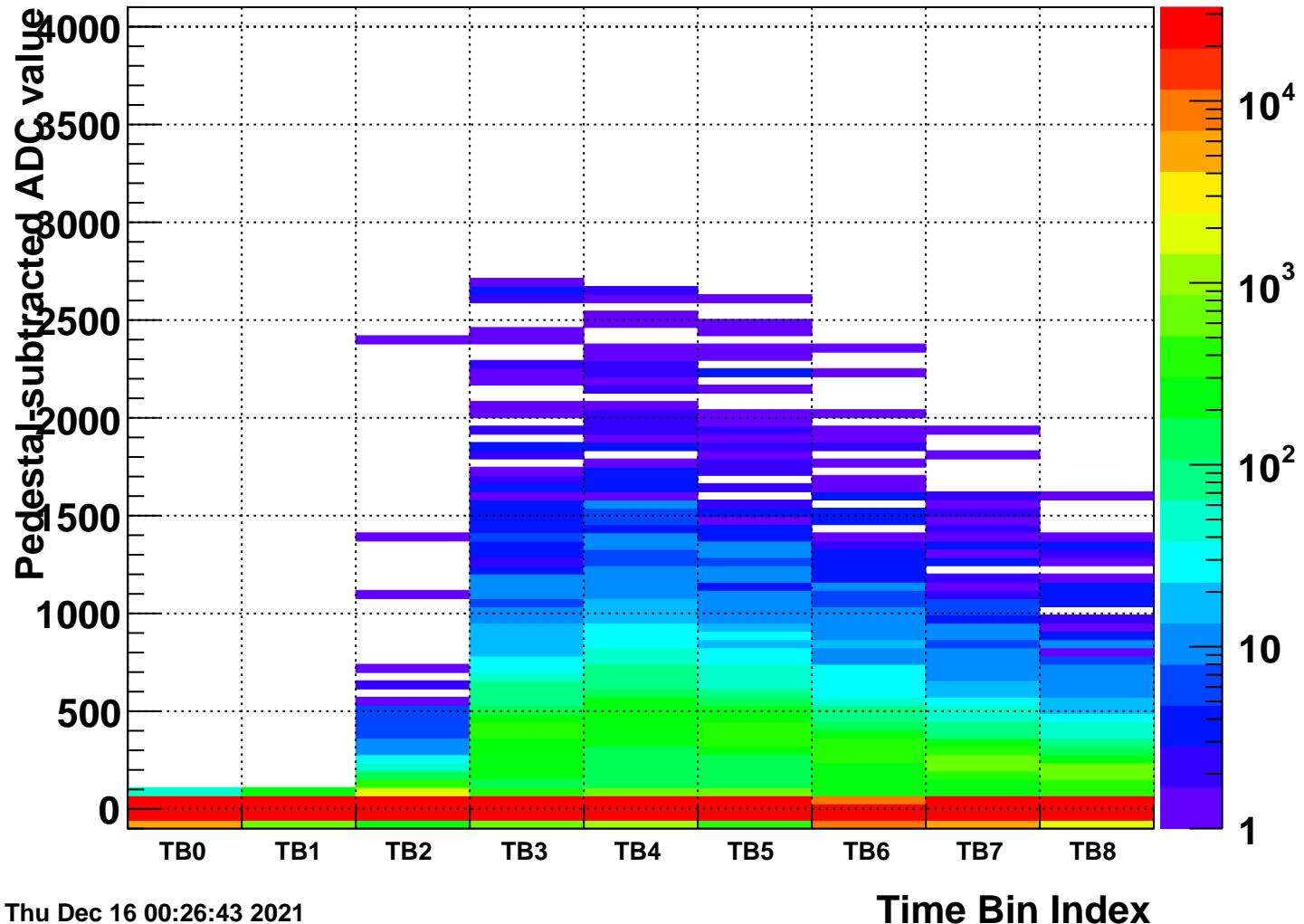
FST - ADC vs Timebin (non-ZS), Disk3 Module7: RDO6_ARM0_PORT0_SEC0



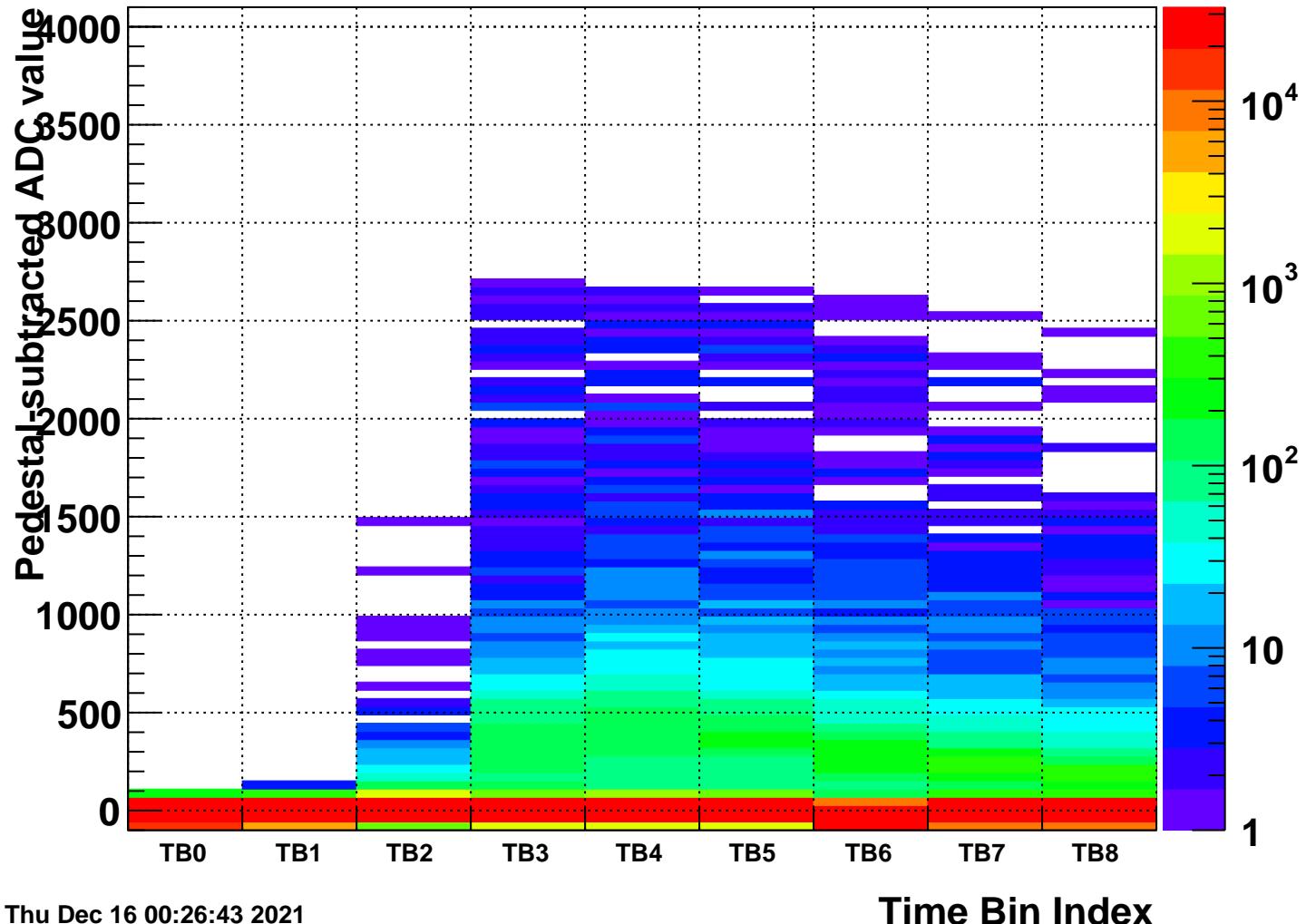
FST - ADC vs Timebin (non-ZS), Disk3 Module7: RDO6_ARM0_PORT0_SEC1



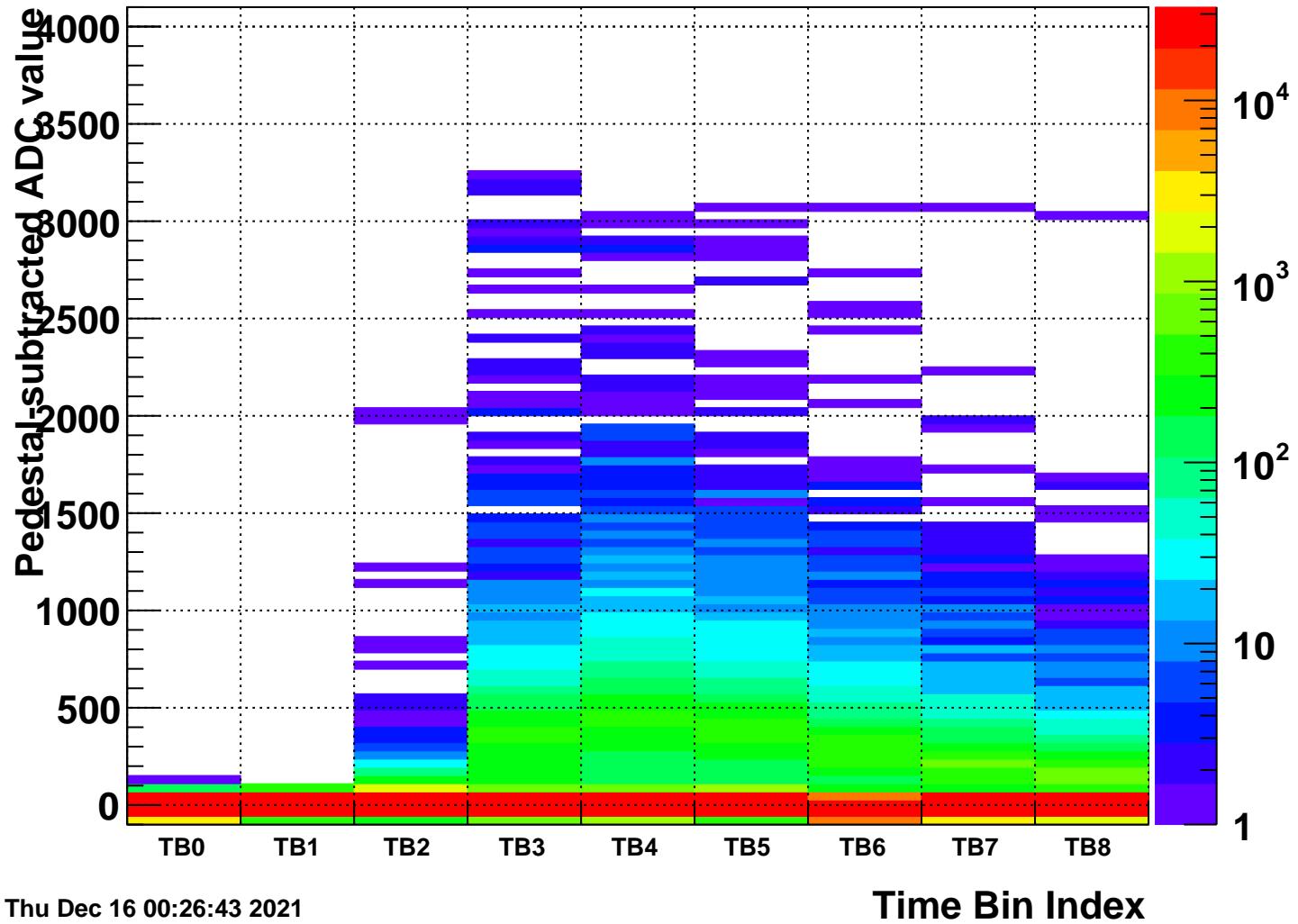
FST - ADC vs Timebin (non-ZS), Disk3 Module8: RDO6_ARM0_PORT1_SEC0



FST - ADC vs Timebin (non-ZS), Disk3 Module8: RDO6_ARM0_PORT1_SEC1



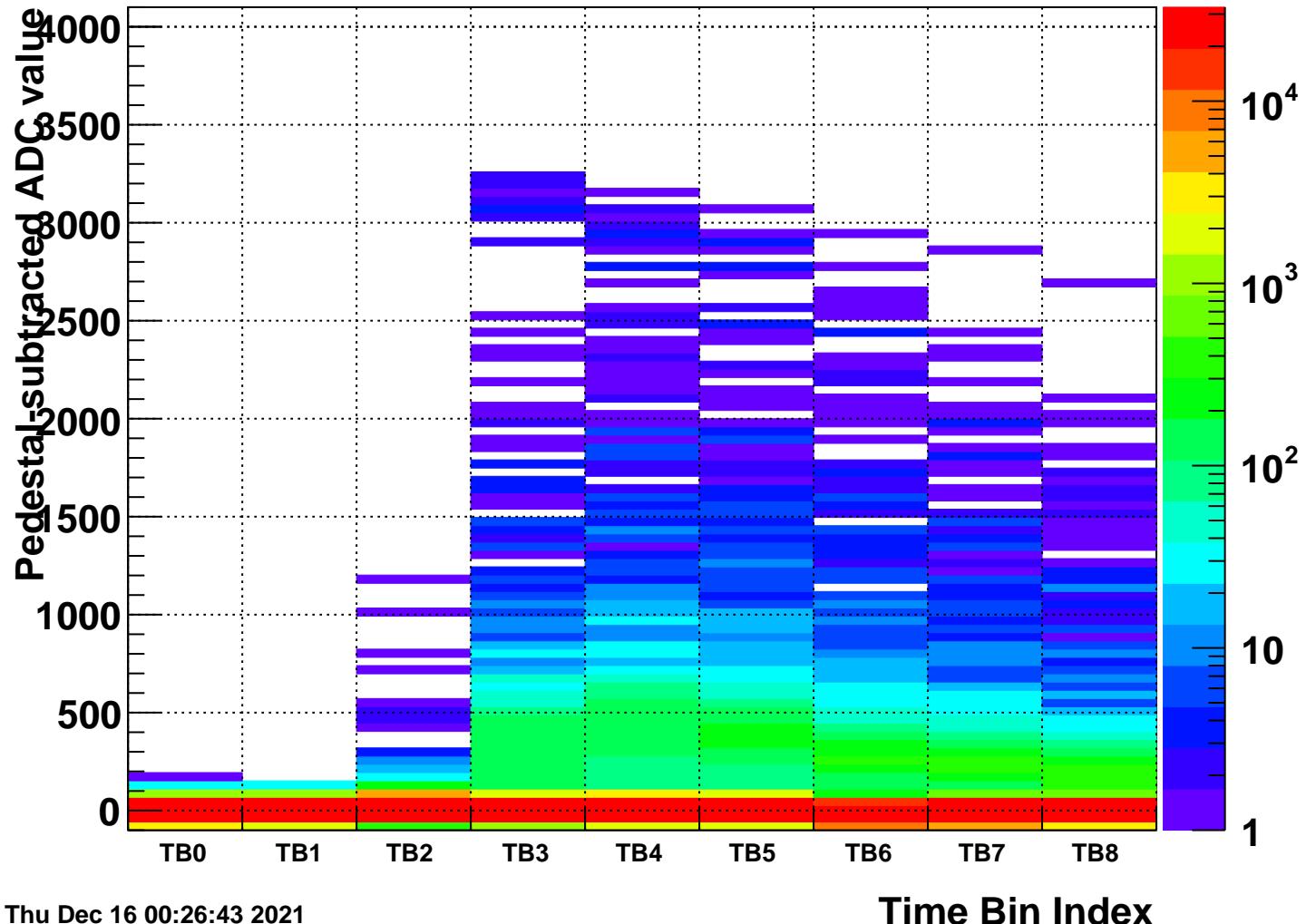
FST - ADC vs Timebin (non-ZS), Disk3 Module9: RDO6_ARM1_PORT0_SEC0



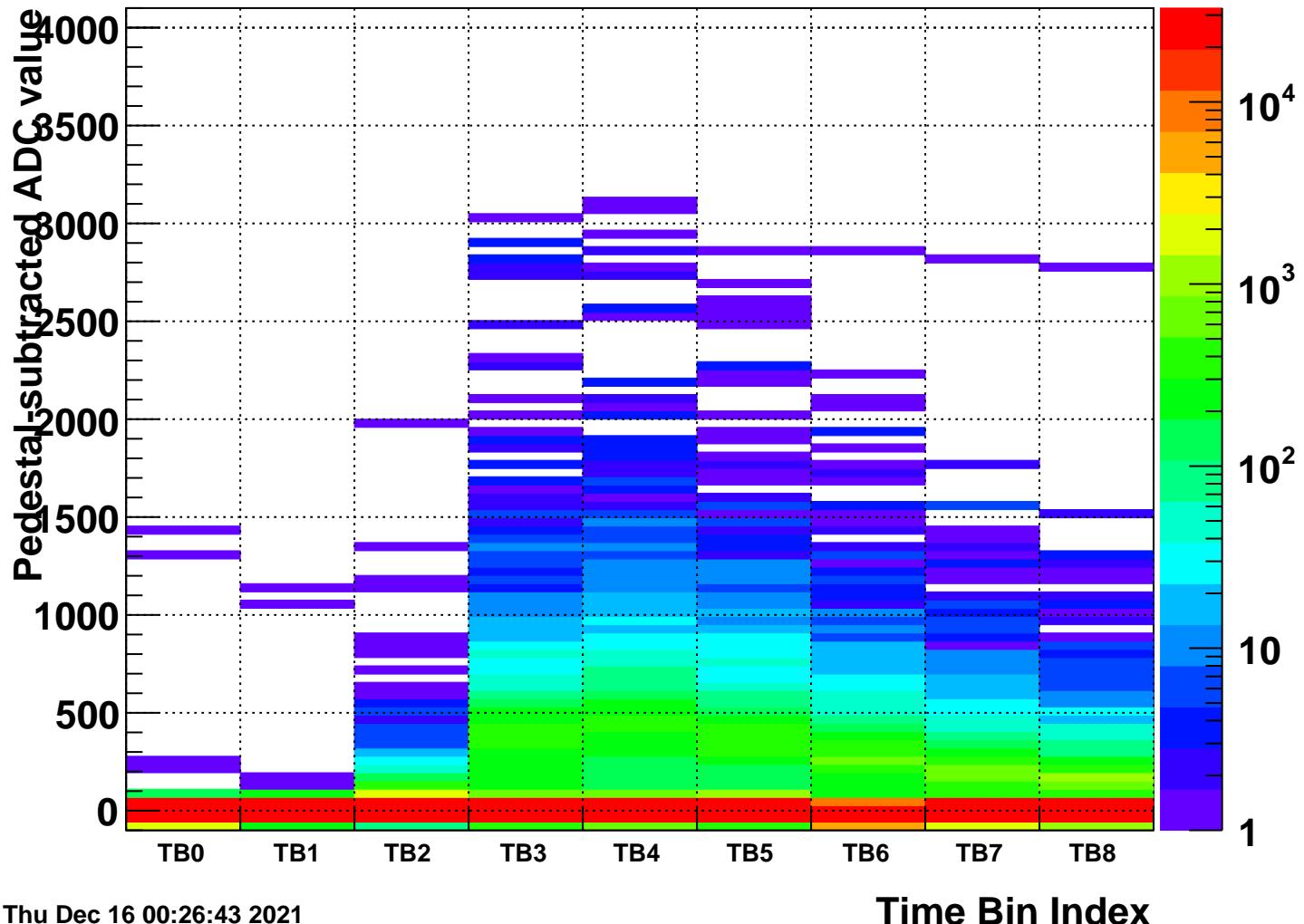
Time Bin Index

Thu Dec 16 00:26:43 2021

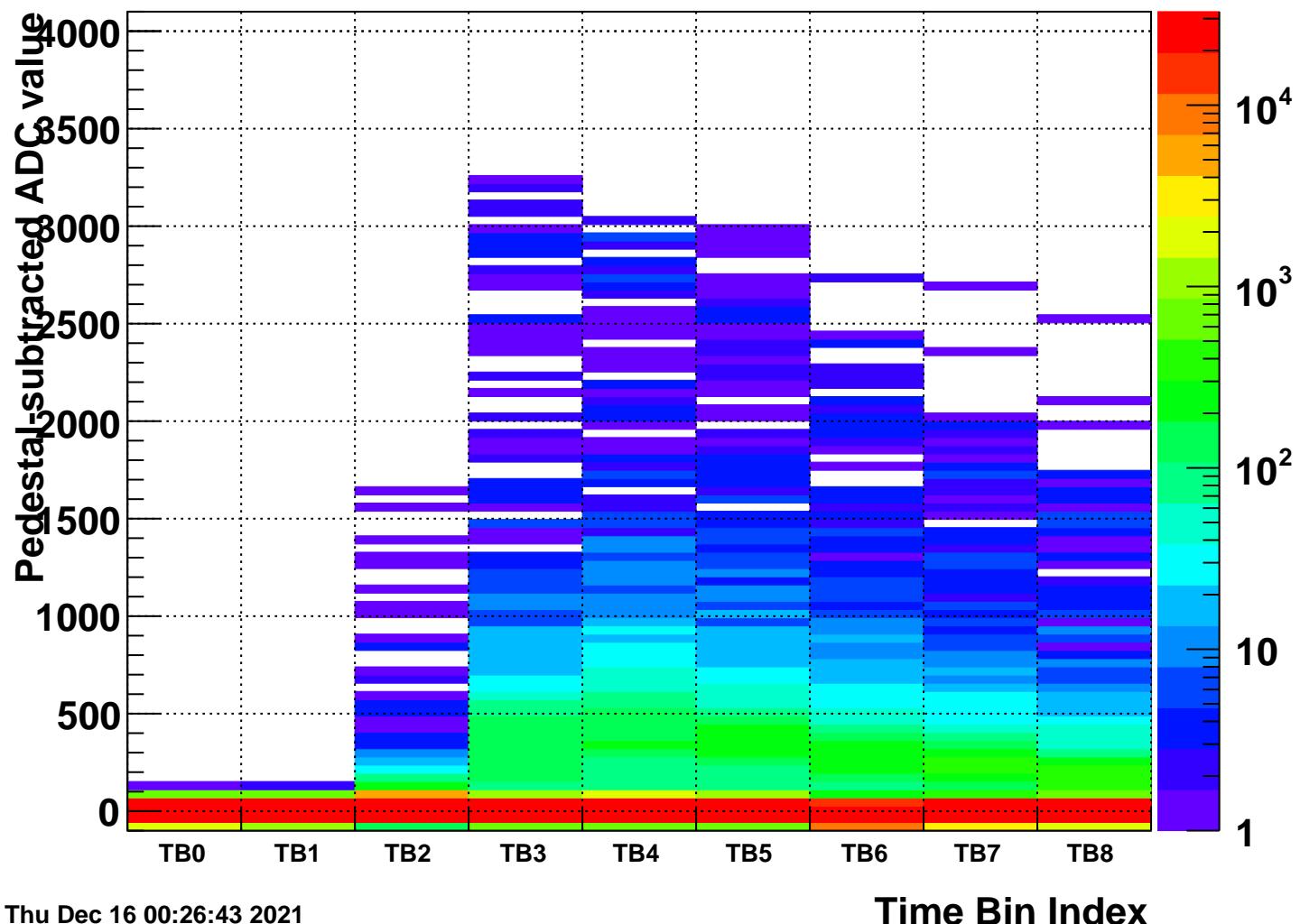
FST - ADC vs Timebin (non-ZS), Disk3 Module9: RDO6_ARM1_PORT0_SEC1



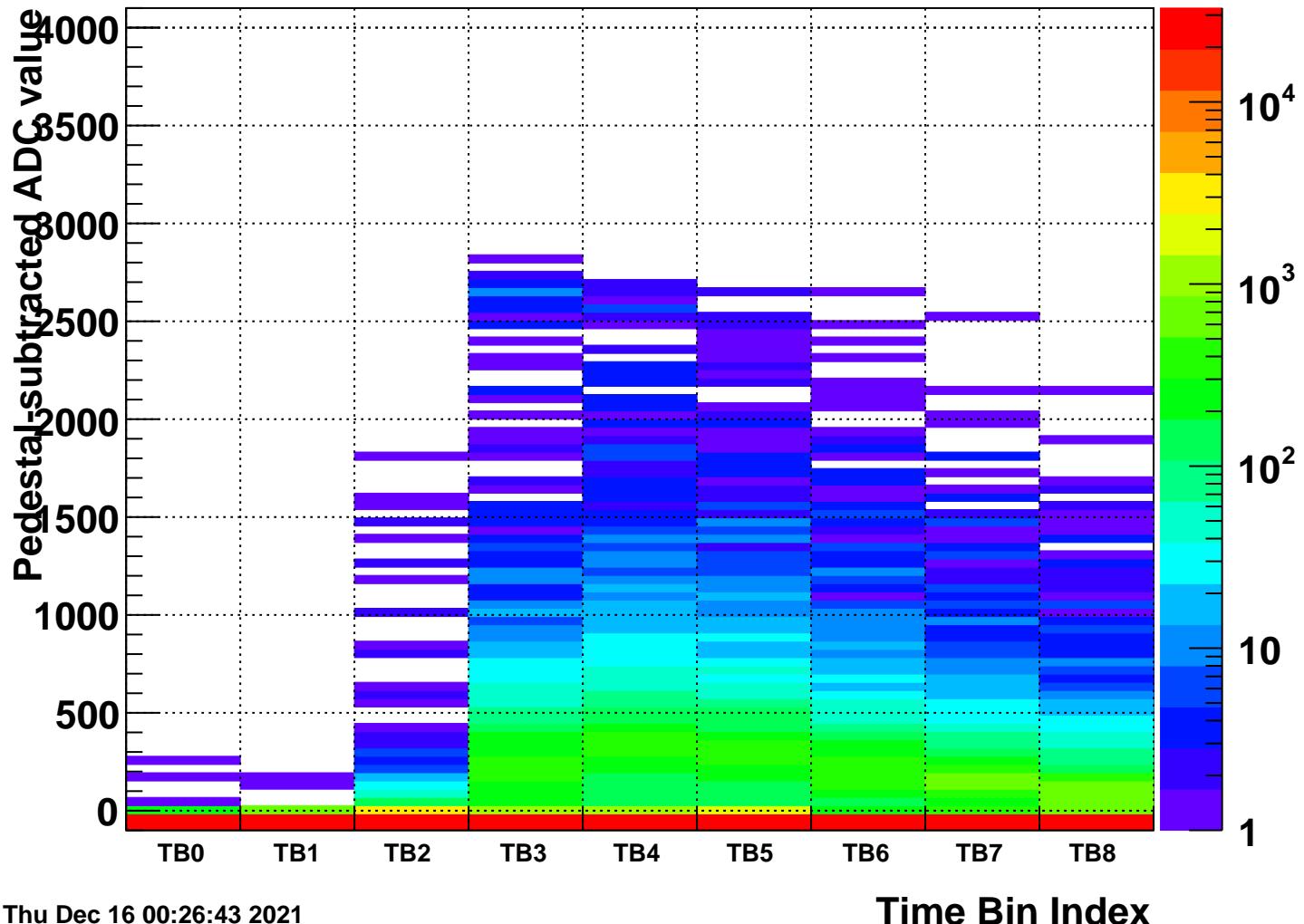
FST - ADC vs Timebin (non-ZS), Disk3 Module10: RDO6_ARM1_PORT1_SEC0



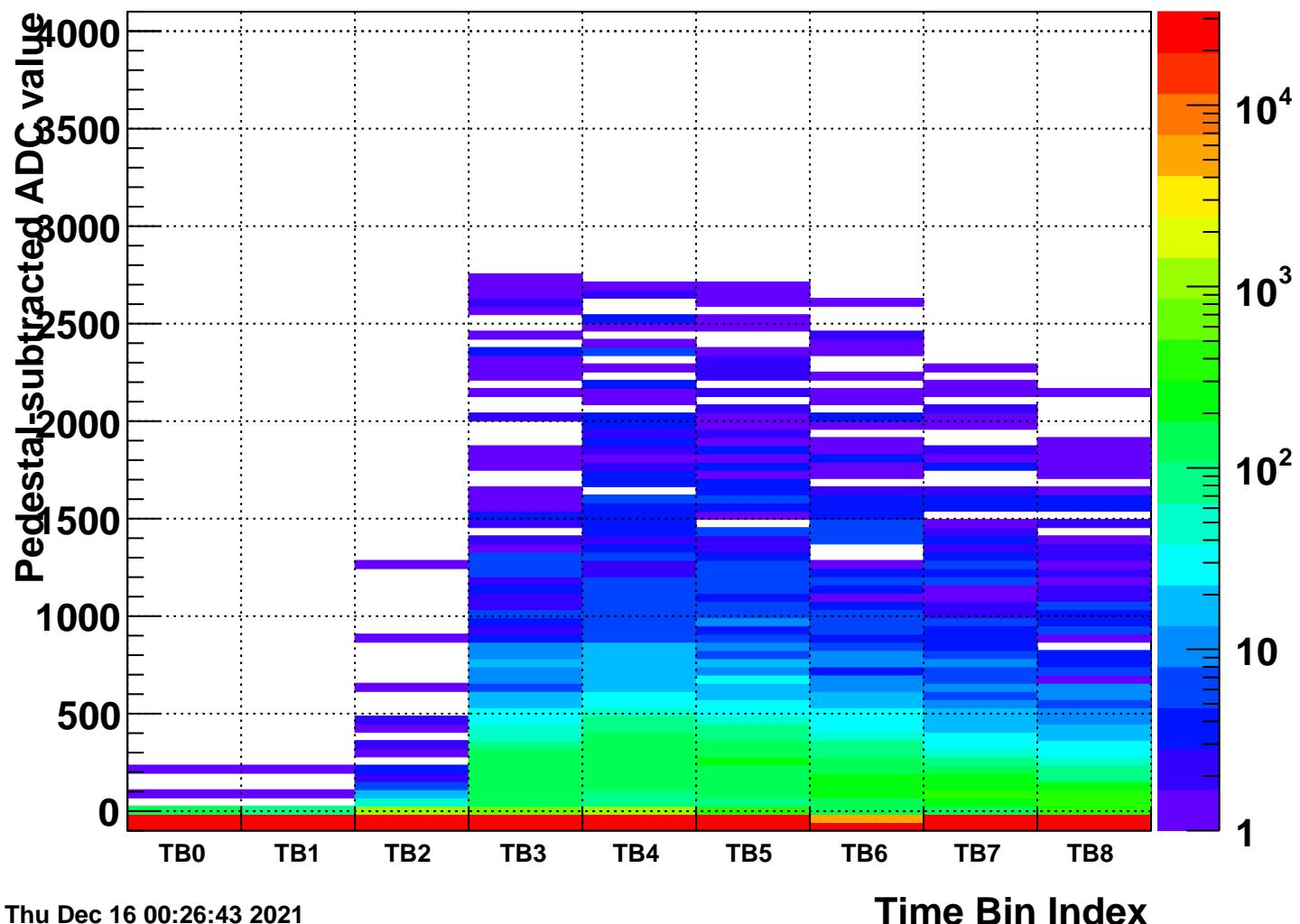
FST - ADC vs Timebin (non-ZS), Disk3 Module10: RDO6_ARM1_PORT1_SEC1



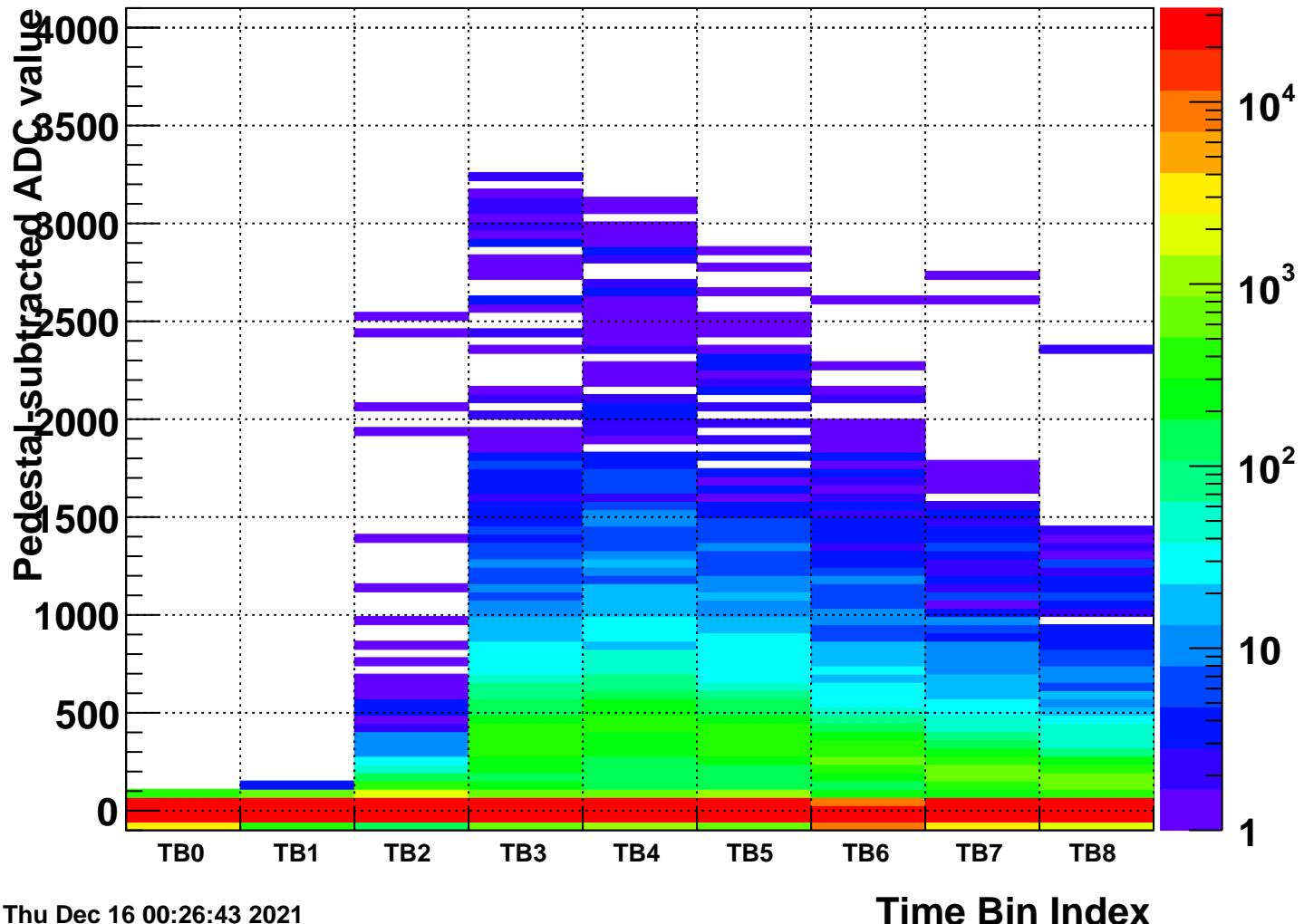
FST - ADC vs Timebin (non-ZS), Disk3 Module11: RDO6_ARM2_PORT0_SEC0



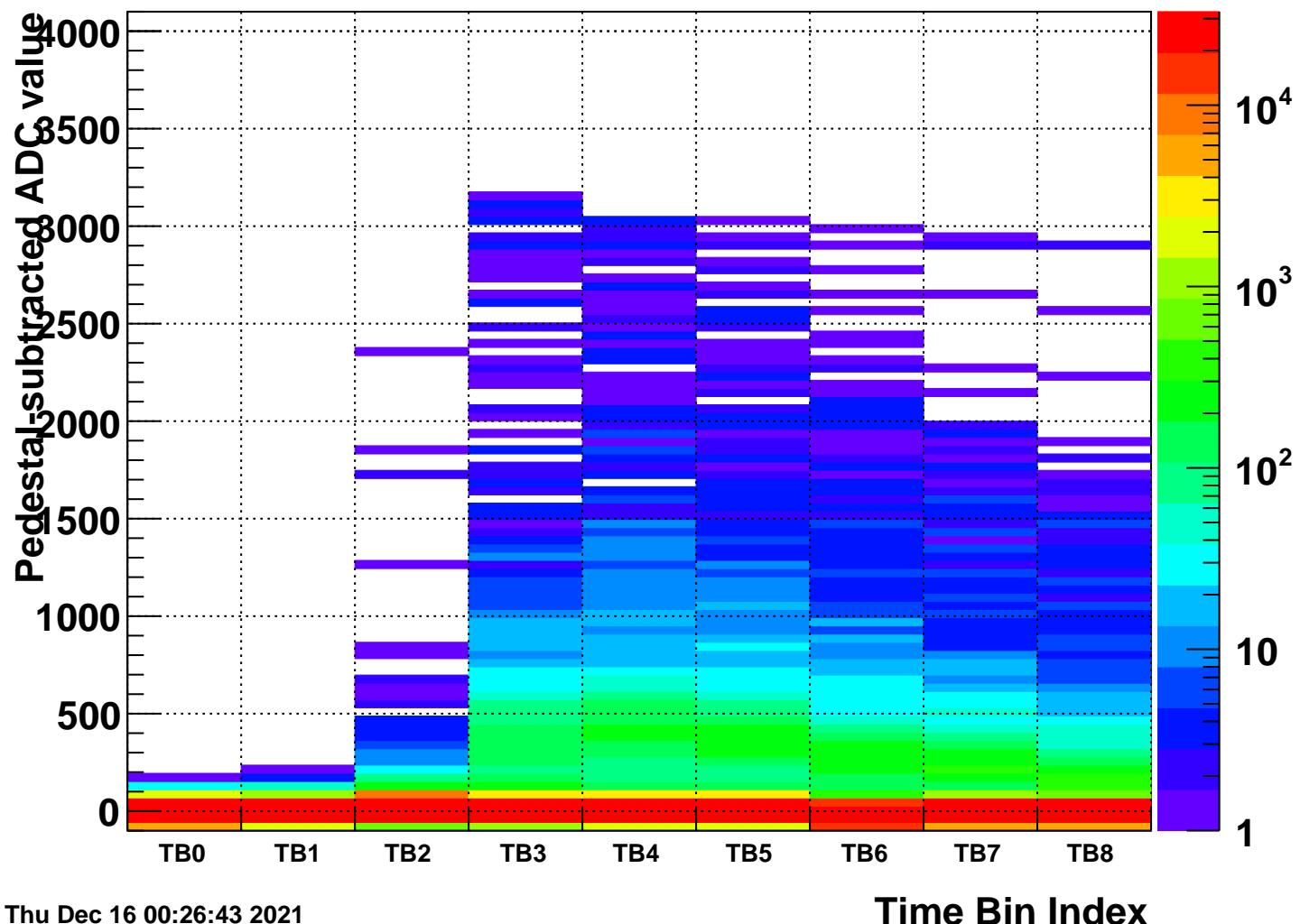
FST - ADC vs Timebin (non-ZS), Disk3 Module11: RDO6_ARM2_PORT0_SEC1



FST - ADC vs Timebin (non-ZS), Disk3 Module12: RDO6_ARM2_PORT1_SEC0



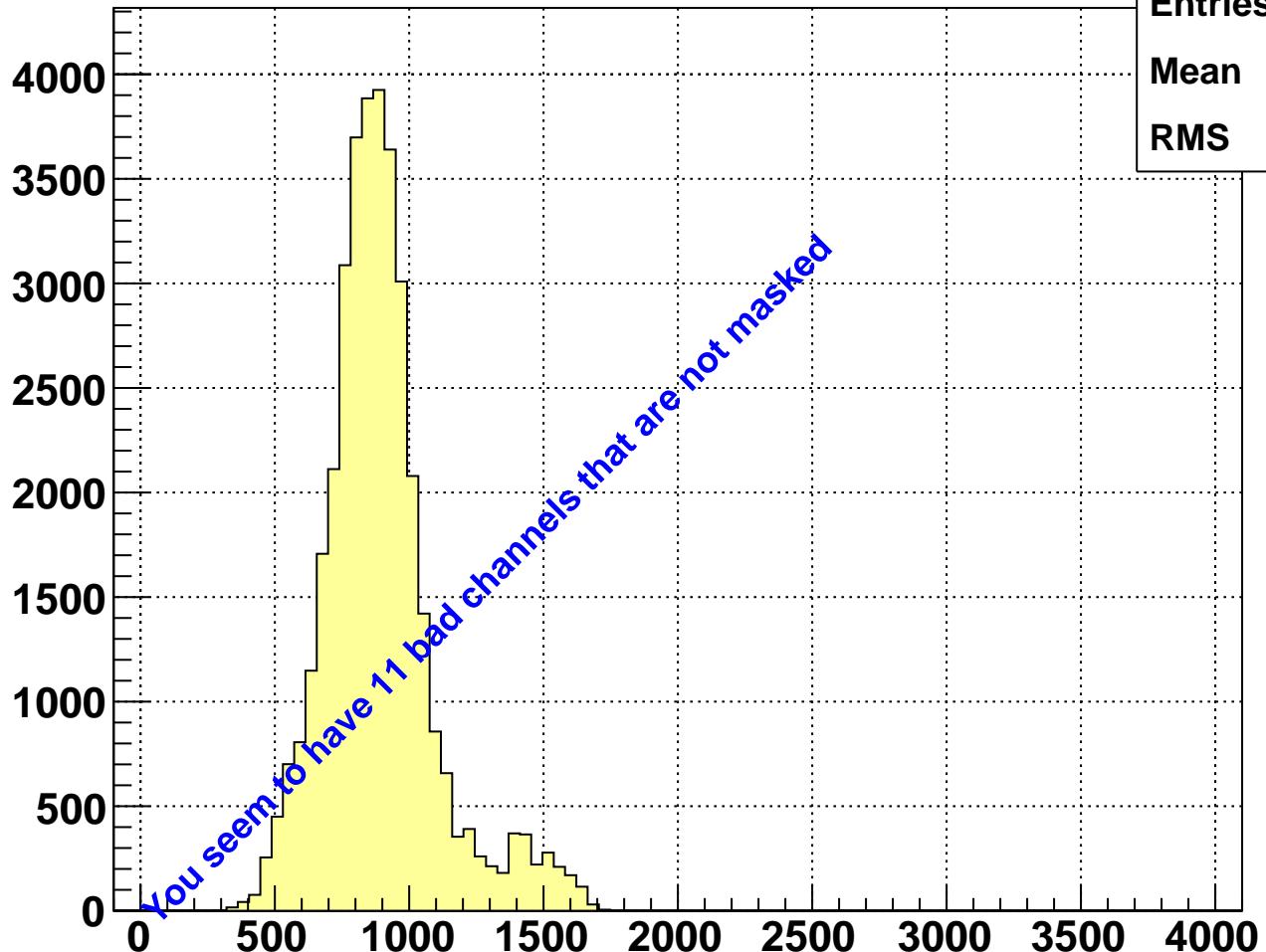
FST - ADC vs Timebin (non-ZS), Disk3 Module12: RDO6_ARM2_PORT1_SEC1



FST - <Mean Pedestal>

MeanPeds

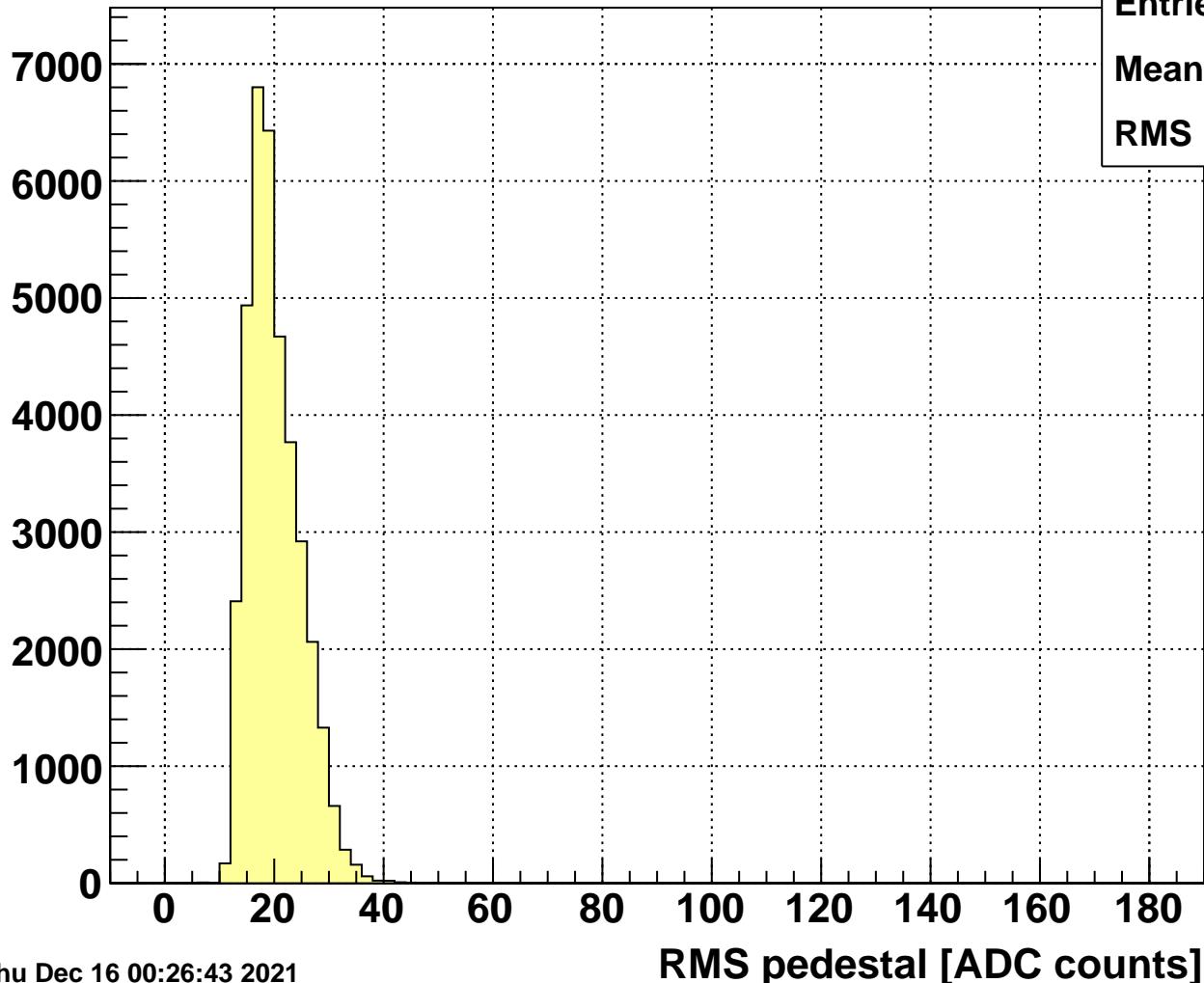
Entries	36736
Mean	890.5
RMS	208.8



FST - <RMS Pedestal>

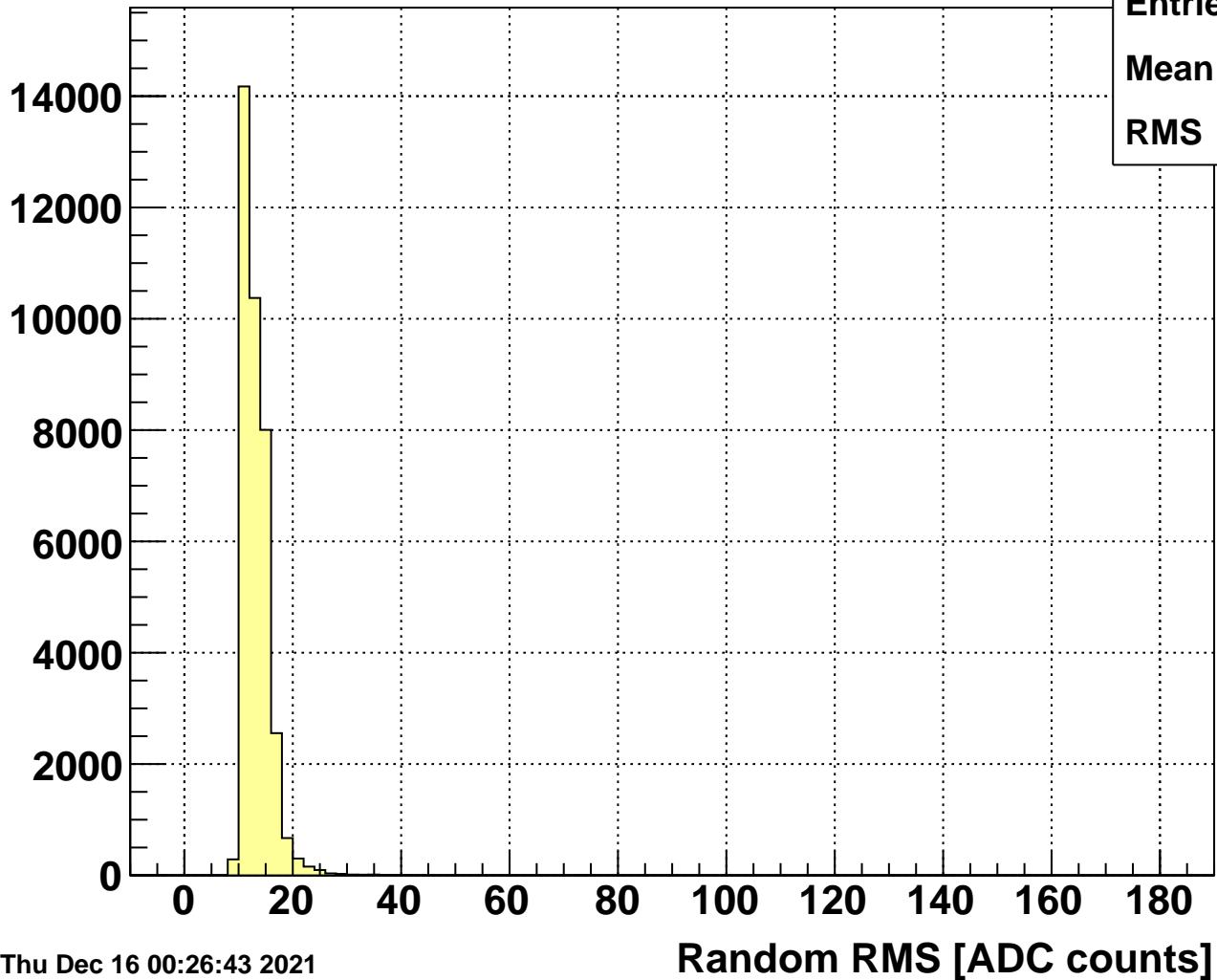
MeanRMS

Entries	36736
Mean	19.58
RMS	4.875



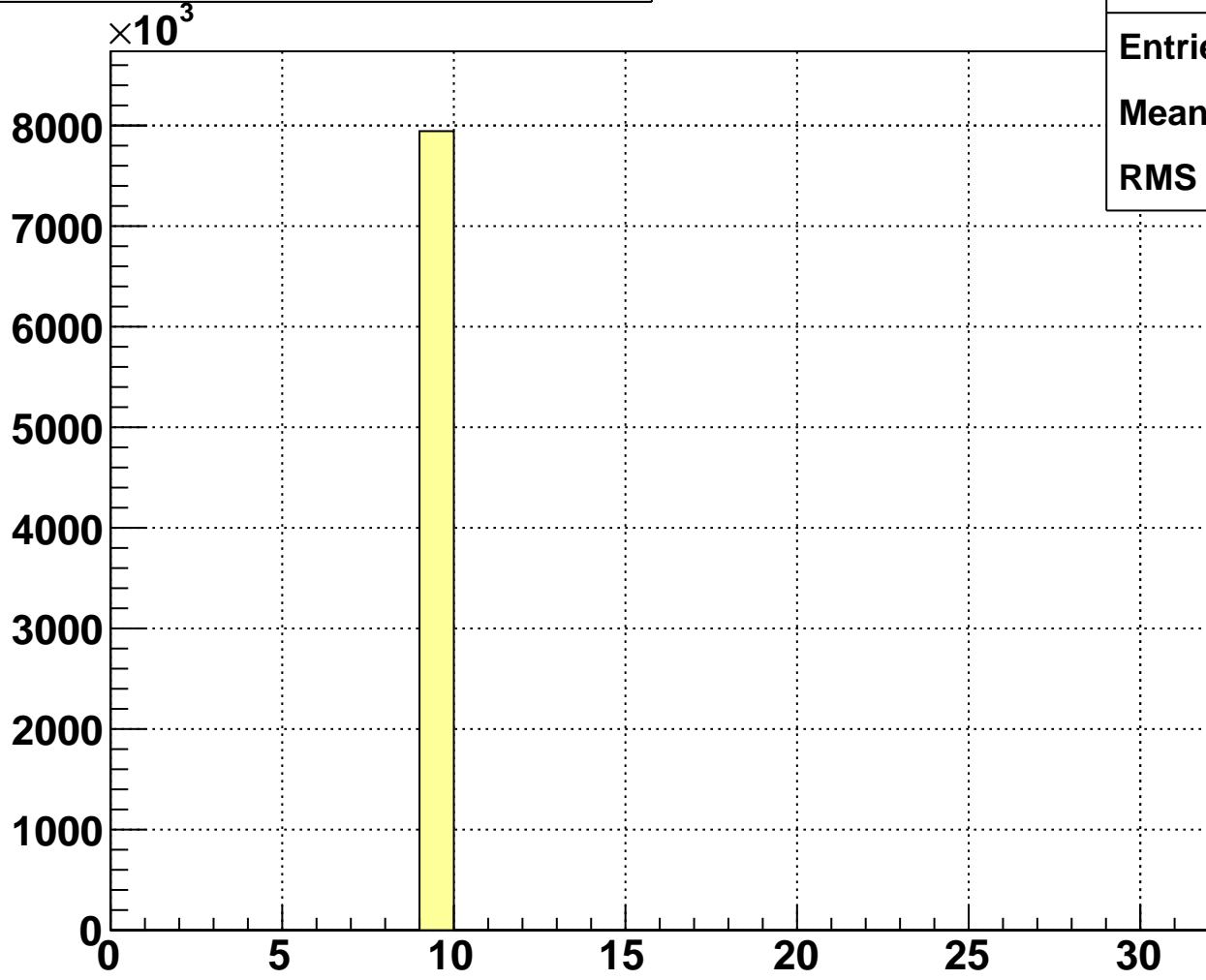
FST - <Random RMS>

MeanRandomRMS
Entries 36736
Mean 12.71
RMS 2.662



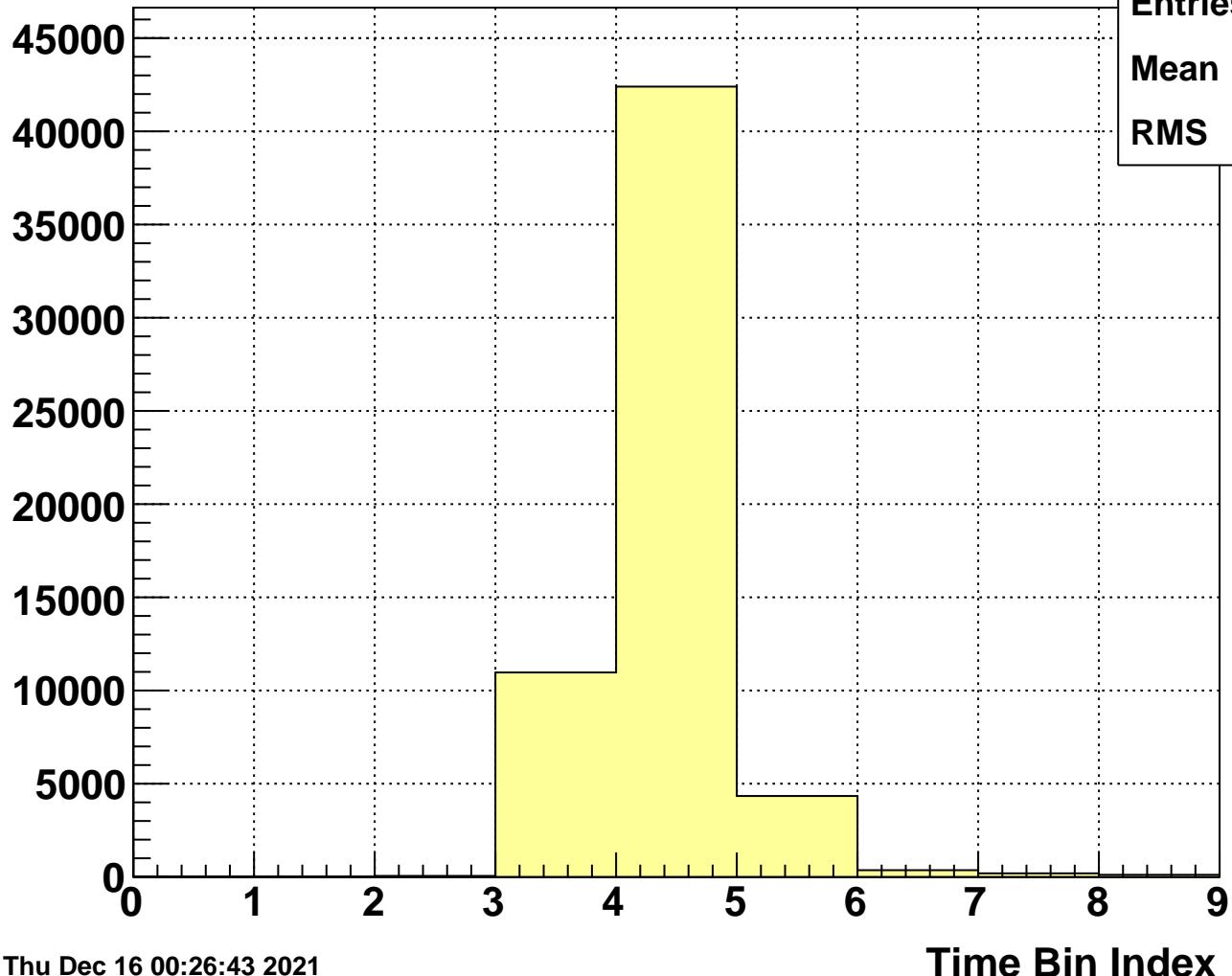
FST - Number of Time Bins

NumberOfTB
Entries 7944048
Mean 9
RMS 0



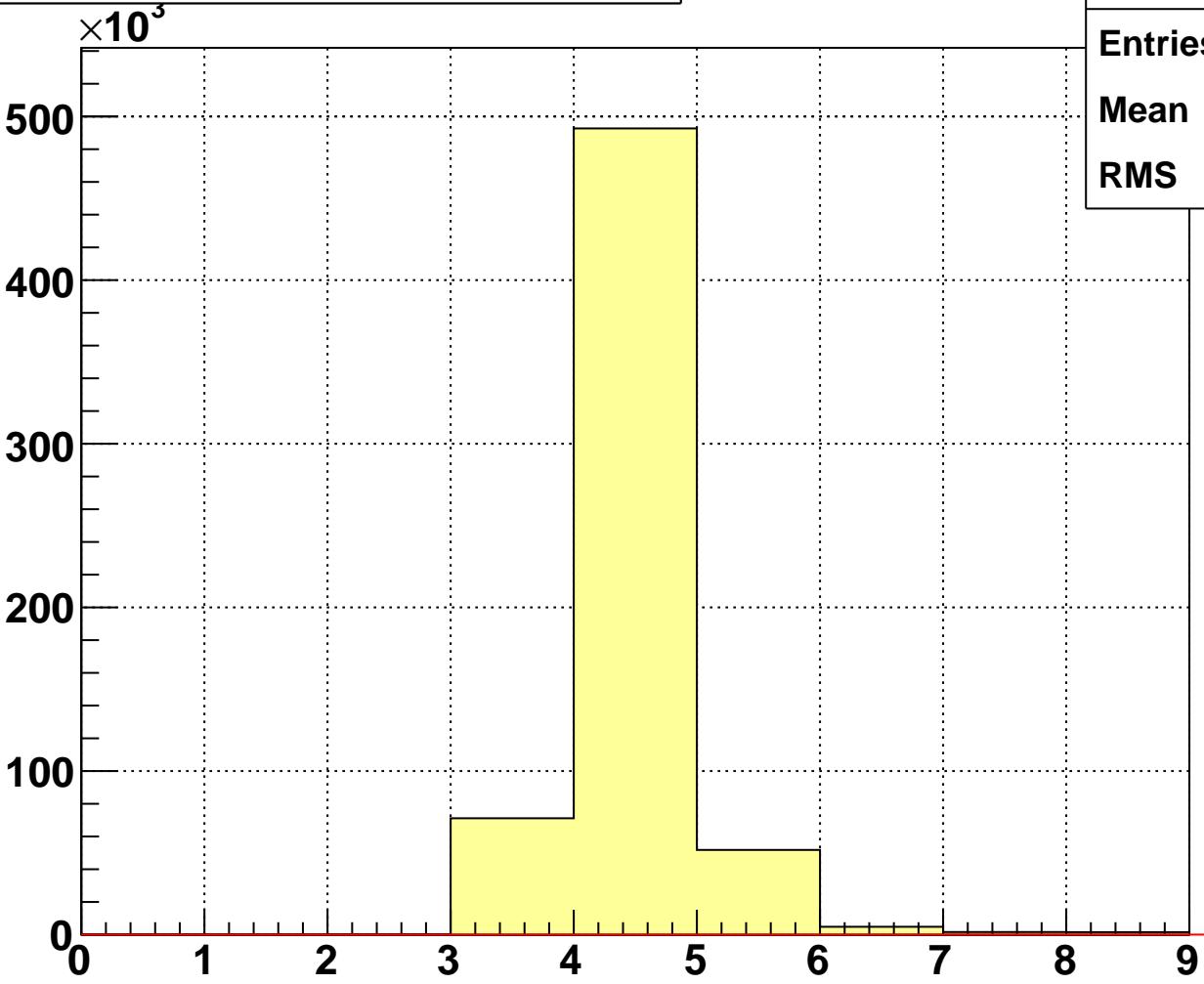
FST - Max ADC Time Bin (non-ZS)

MaxTimeBin_nonZS
Entries 58428
Mean 3.914
RMS 0.5865

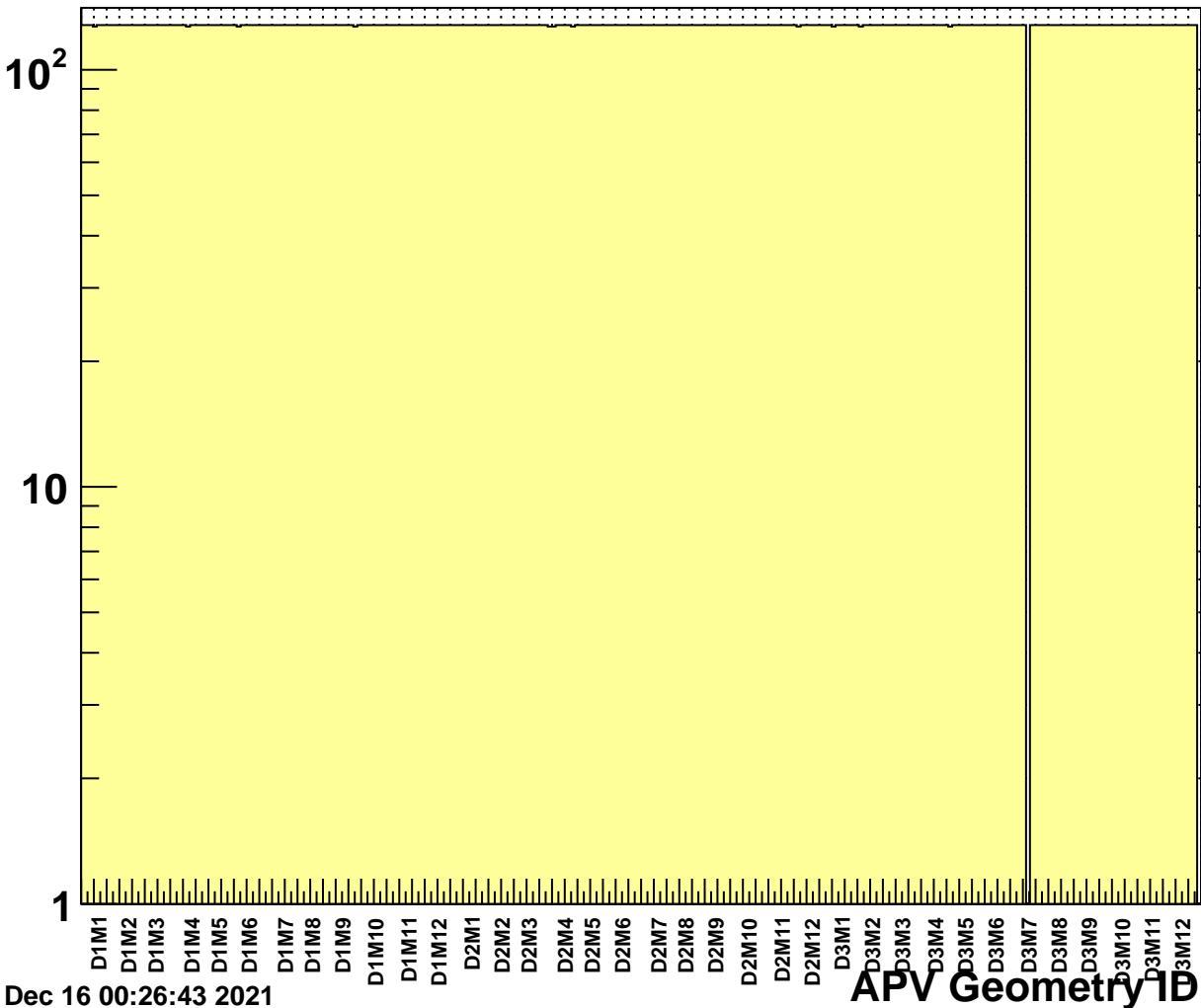


FST - Max ADC Time Bin (ZS)

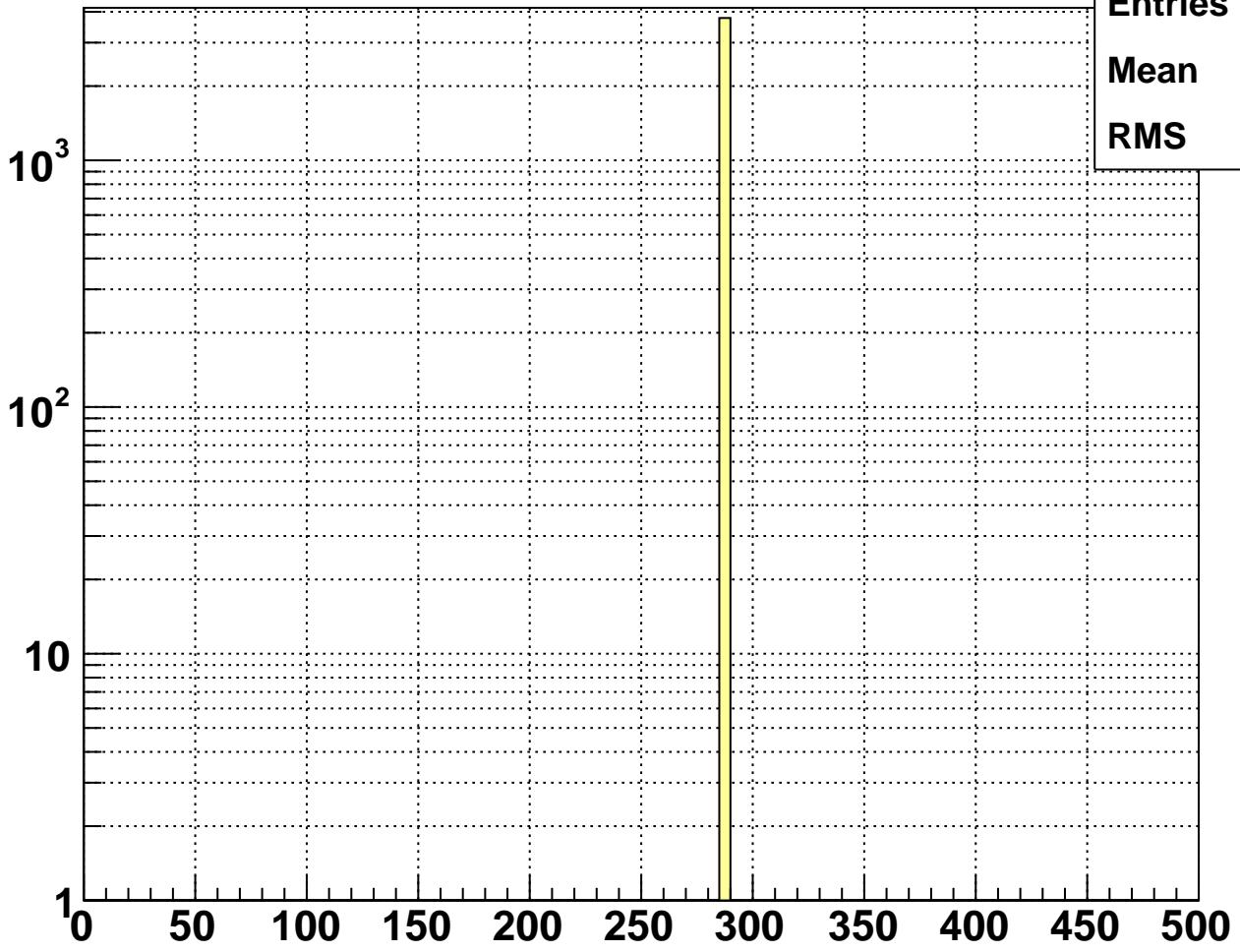
MaxTimeBin_ZS	
Entries	624152
Mean	4
RMS	0.5455



FST - Good Channels per APV



FST - Visible APVs Frequency



VisibleAPV

Entries 3775

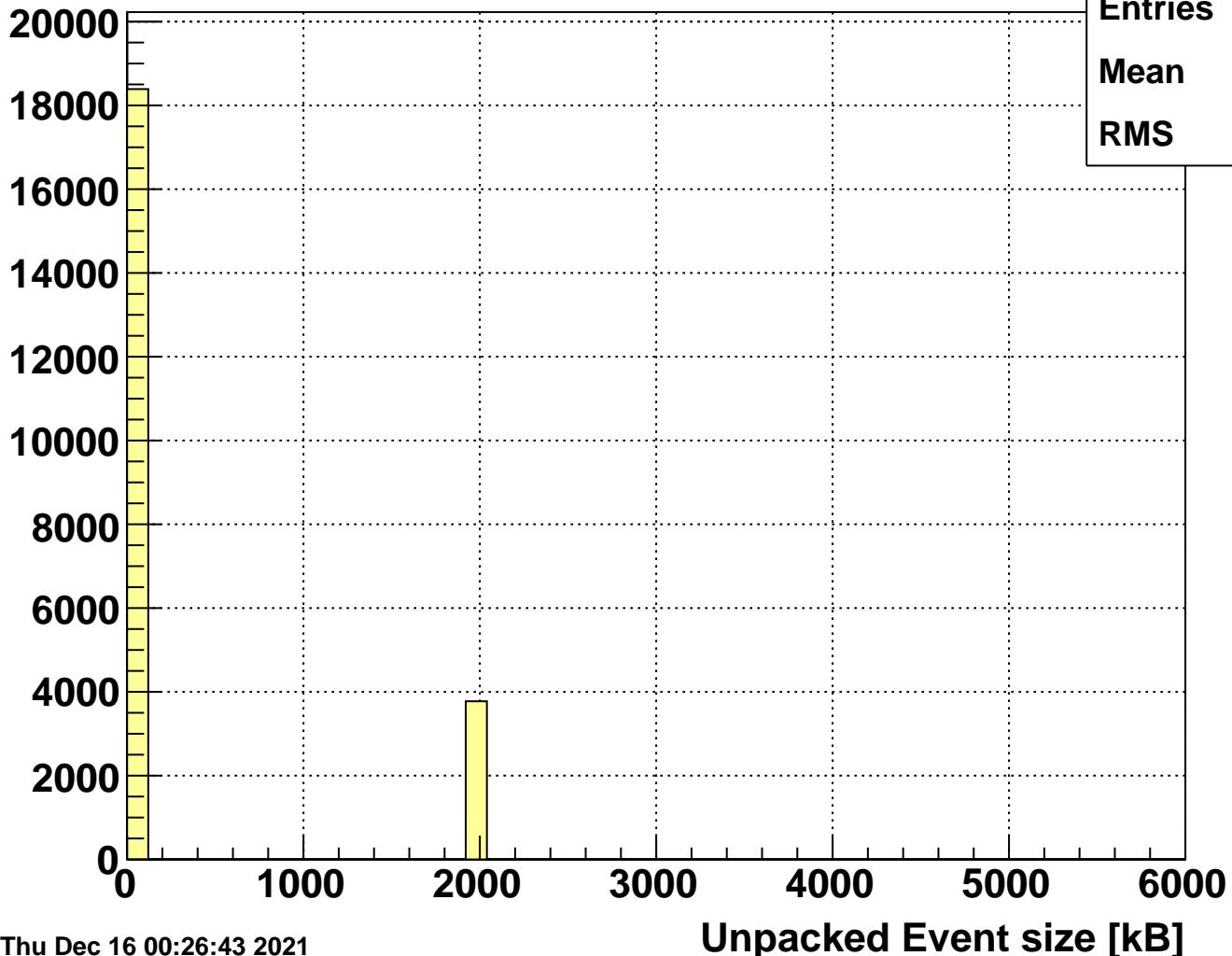
Mean 287

RMS 0

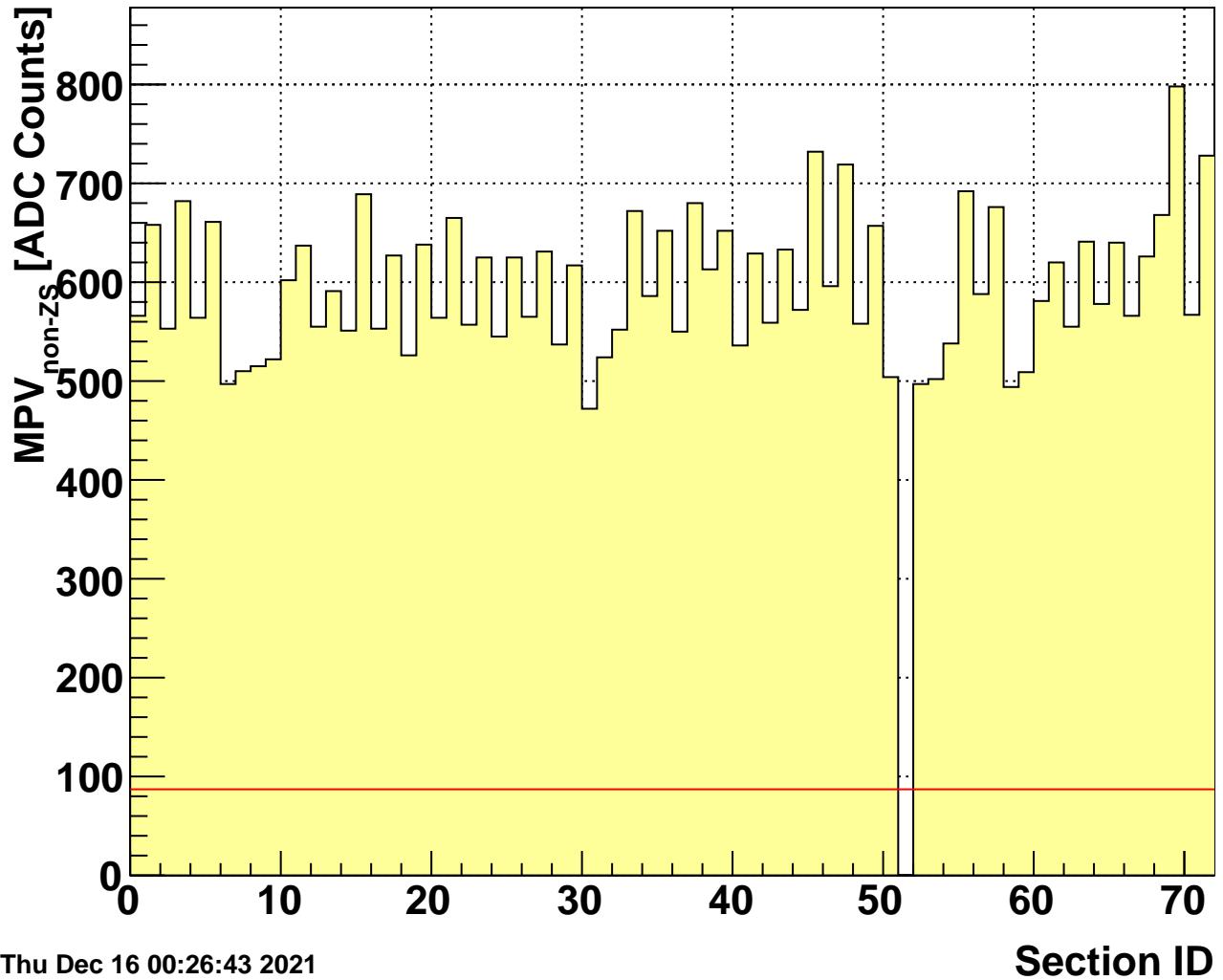
FST - Event Size

FSTEventSize

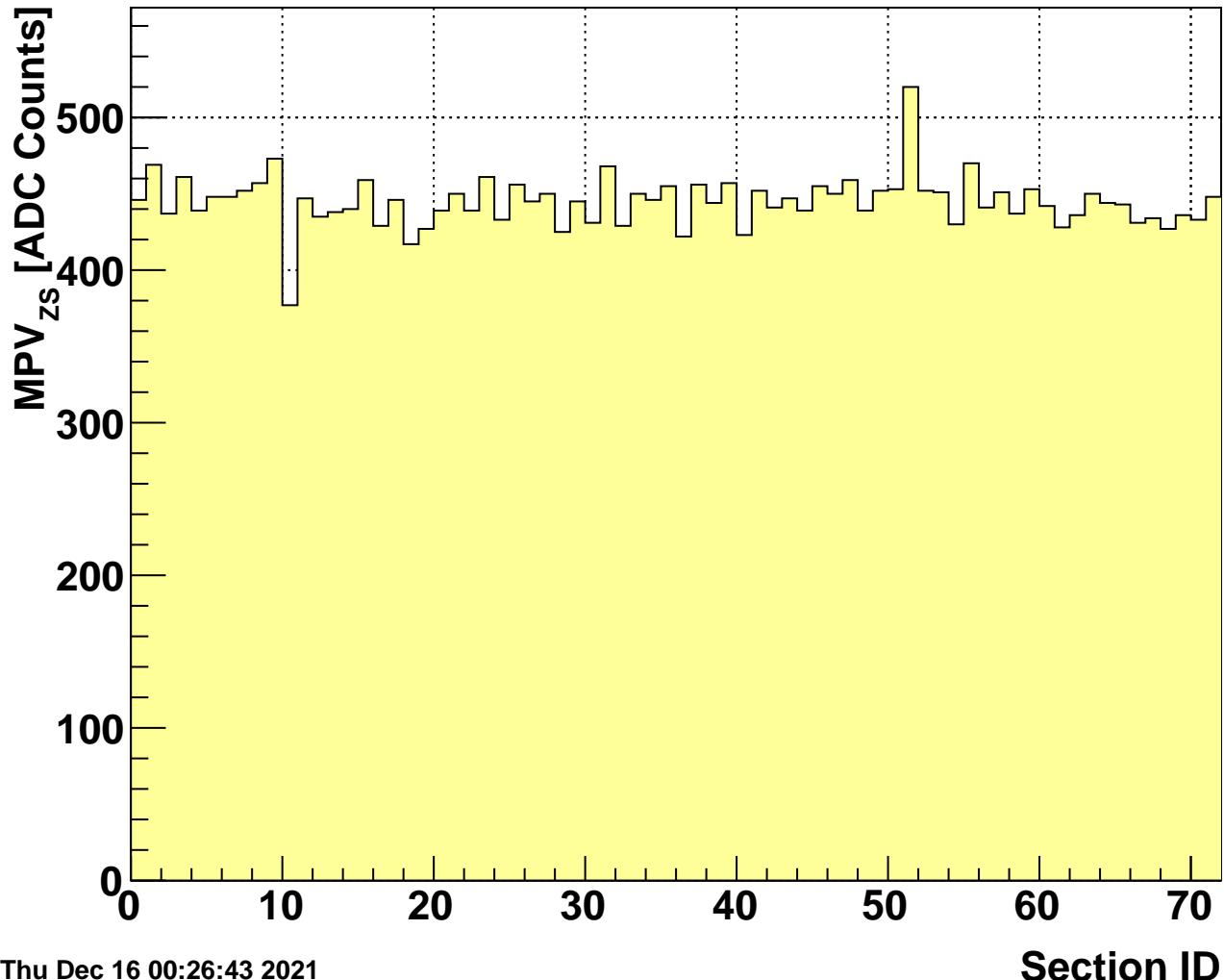
Entries	22164
Mean	341.4
RMS	722.9



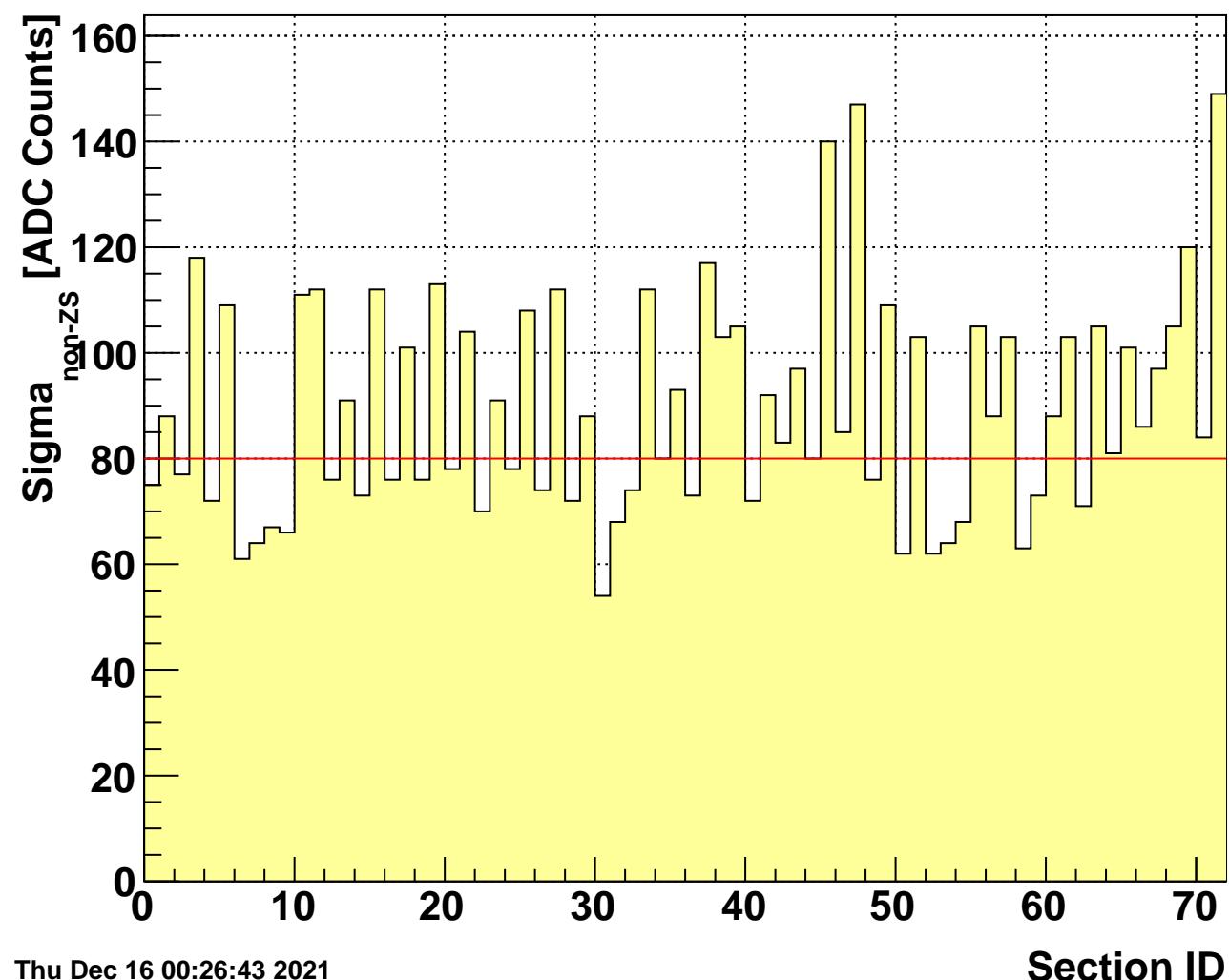
FST - MPV vs Section Id (non-ZS)



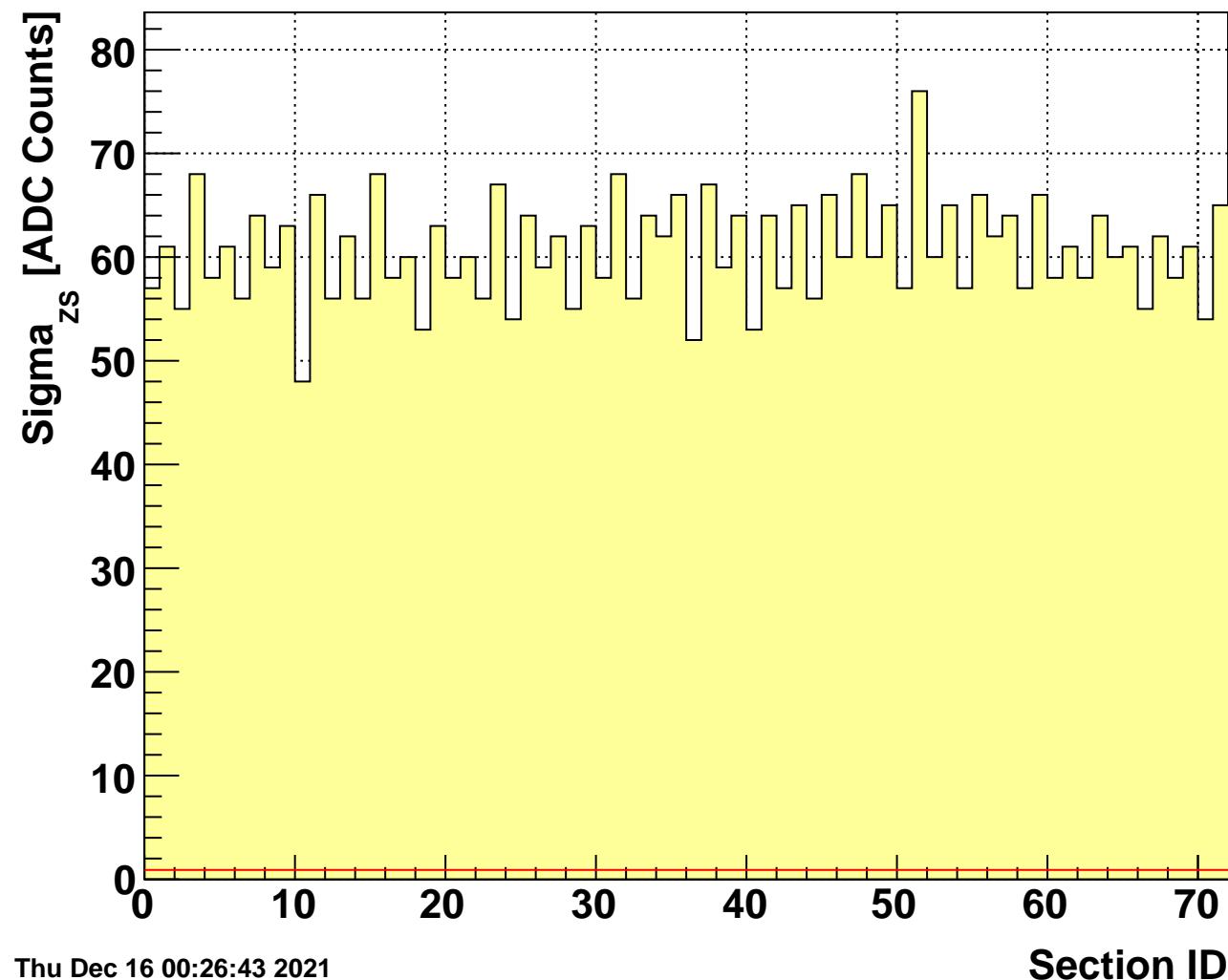
FST - MPV vs Section Id (ZS)



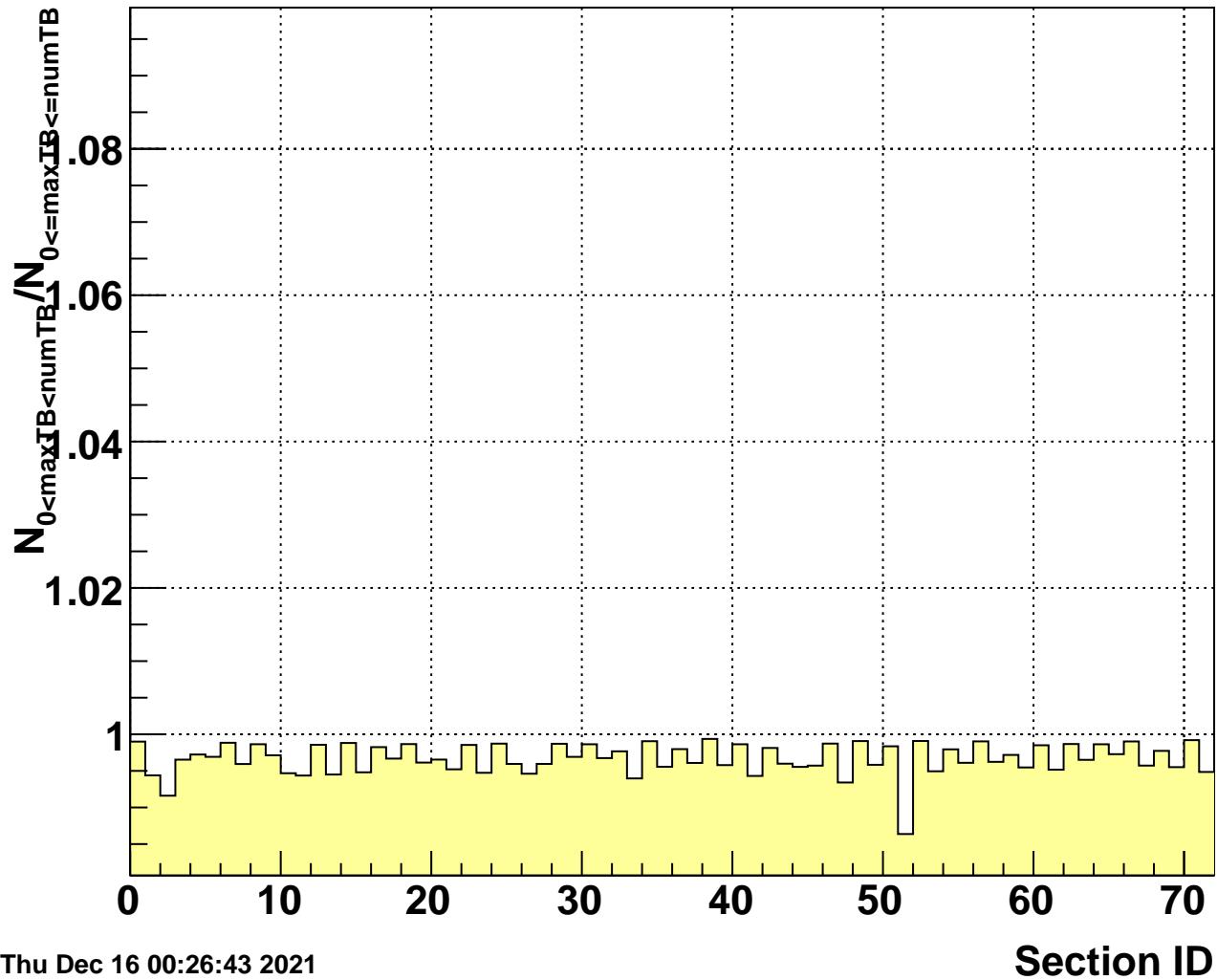
FST - Sigma vs Section Id (non-ZS)



FST - Sigma vs Section Id (ZS)

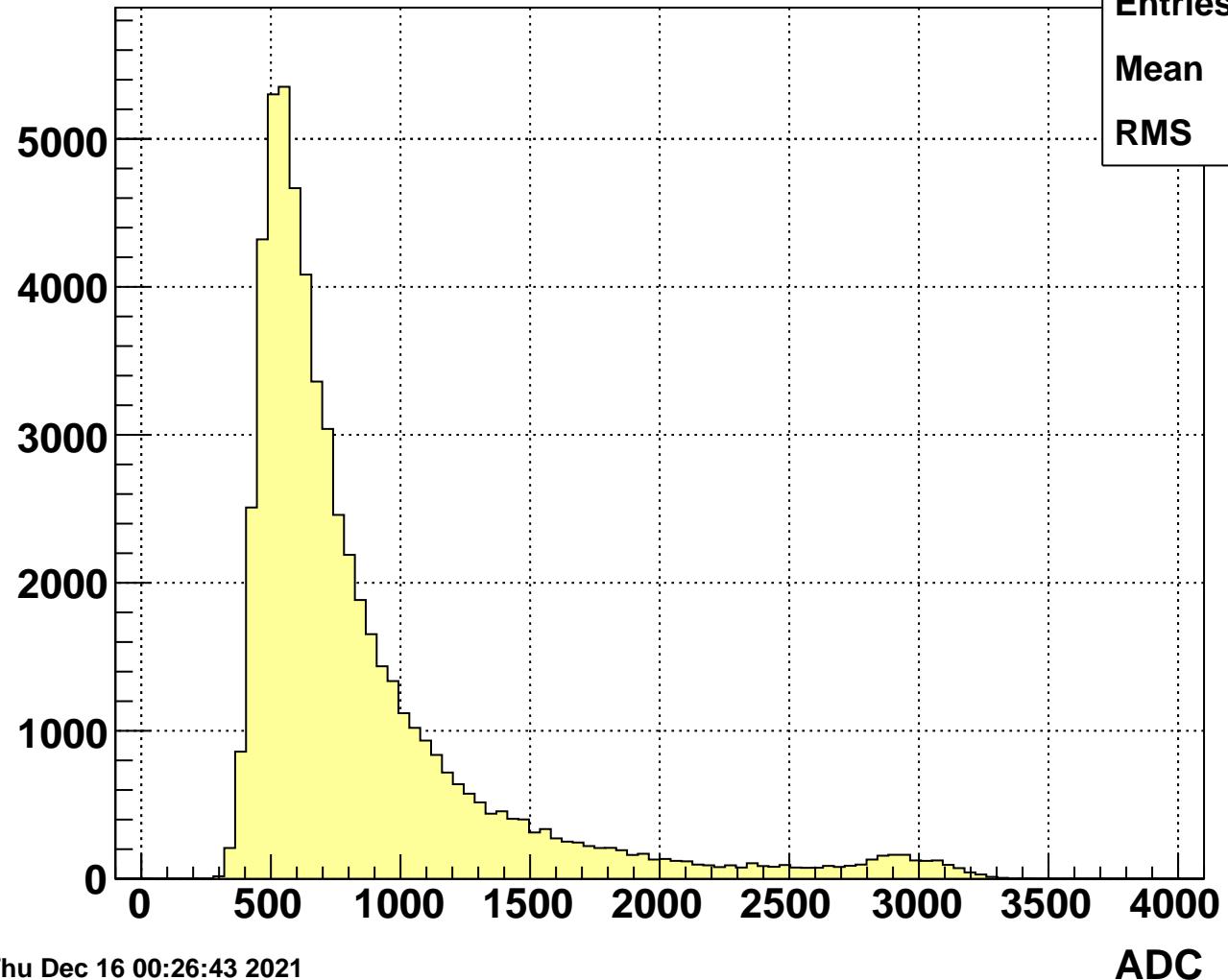


FST - maxTB fraction vs Section Id (ZS)



FST - Max ADC (non-ZS)

MaxAdc_nonZS
Entries 58428
Mean 861.7
RMS 525.2



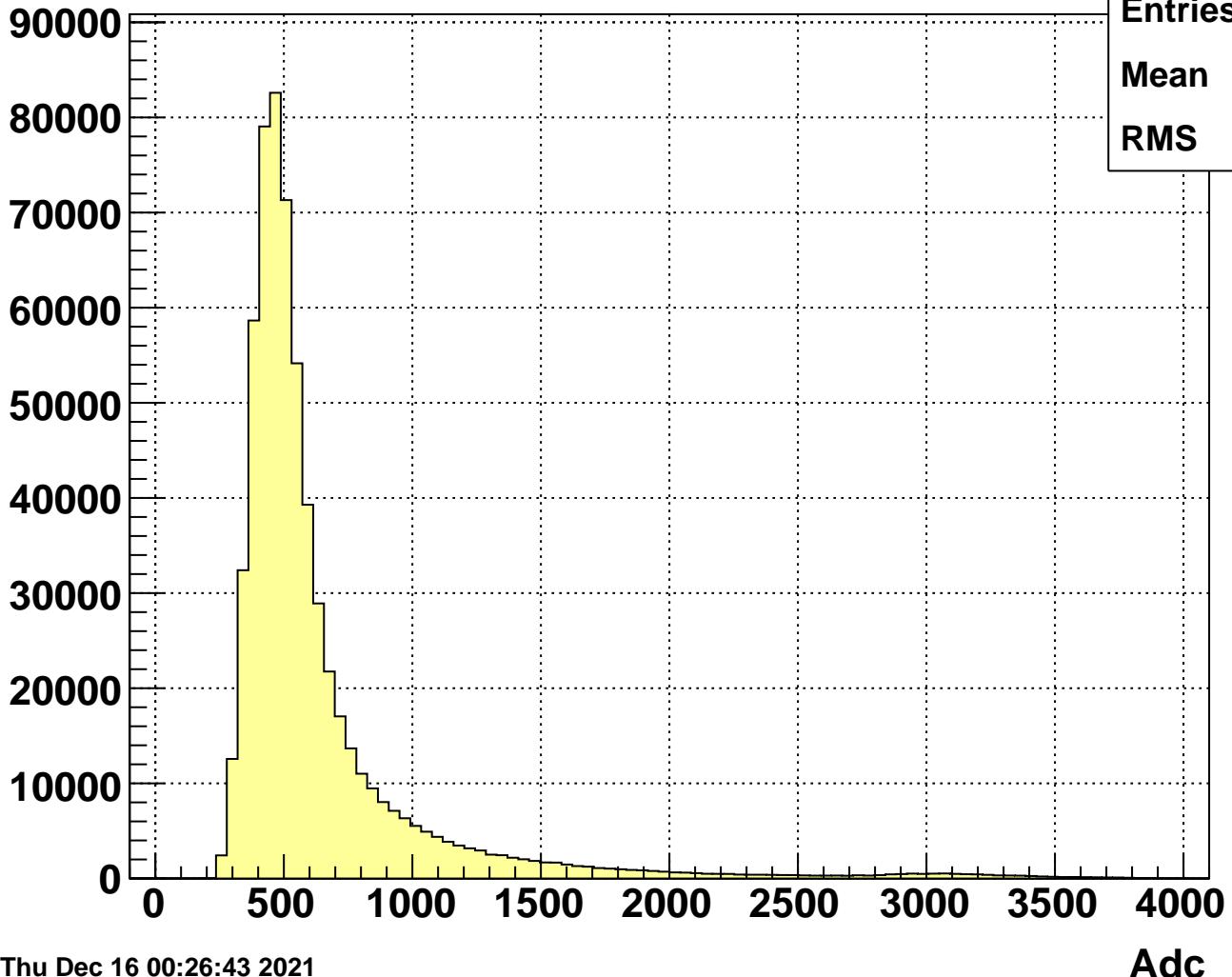
FST - Max ADC (ZS)

MaxAdc_ZS

Entries 624152

Mean 647.9

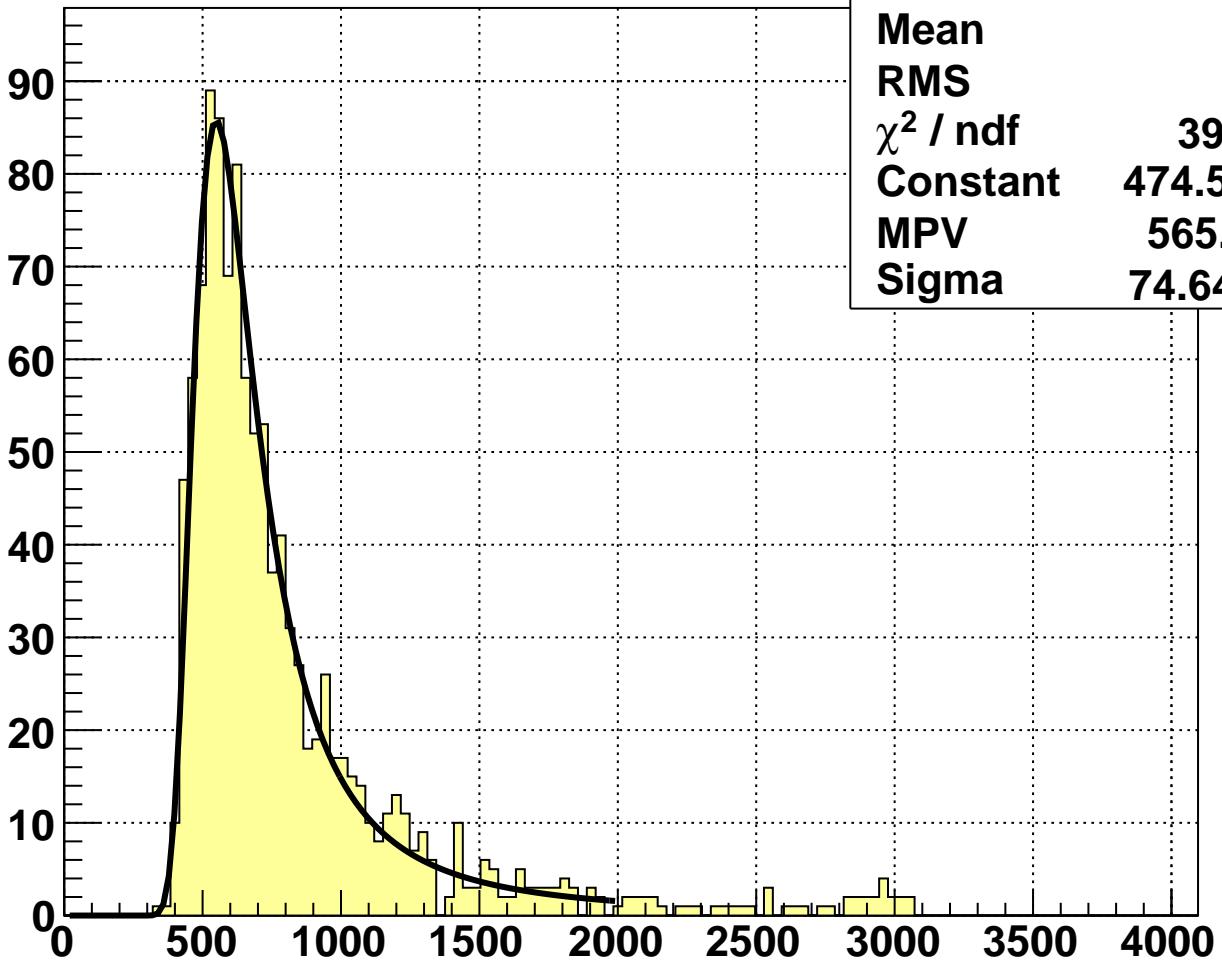
RMS 439.4



FST - MIP peak non-ZS, RDO1_ARM0_PORT0_SEC0

nonZS_Section_0

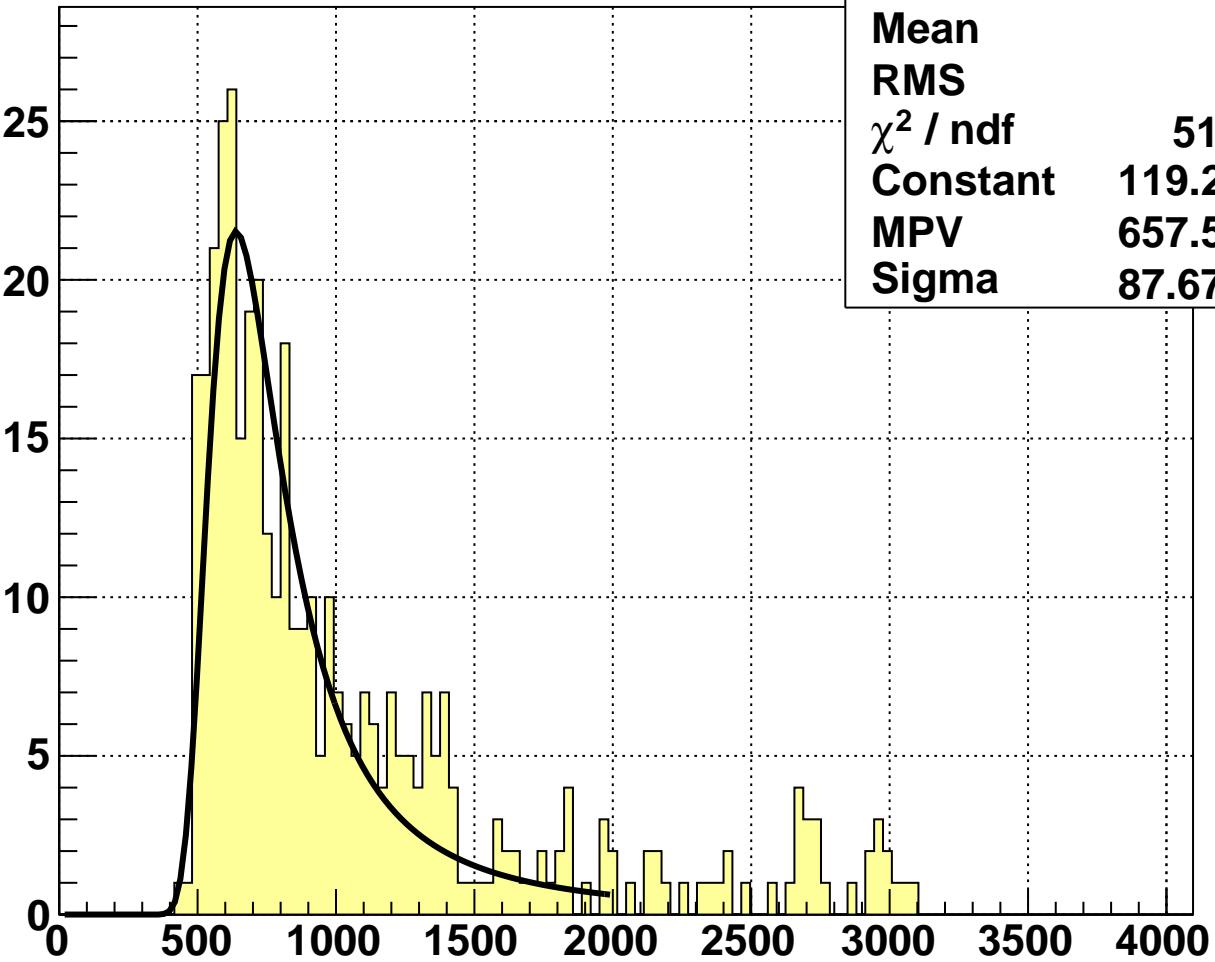
Entries	1116
Mean	823.5
RMS	468.9
χ^2 / ndf	39.28 / 47
Constant	474.5 ± 21.2
MPV	565.9 ± 5.4
Sigma	74.64 ± 2.61



FST - MIP peak non-ZS, RDO1_ARM0_PORT0_SEC1

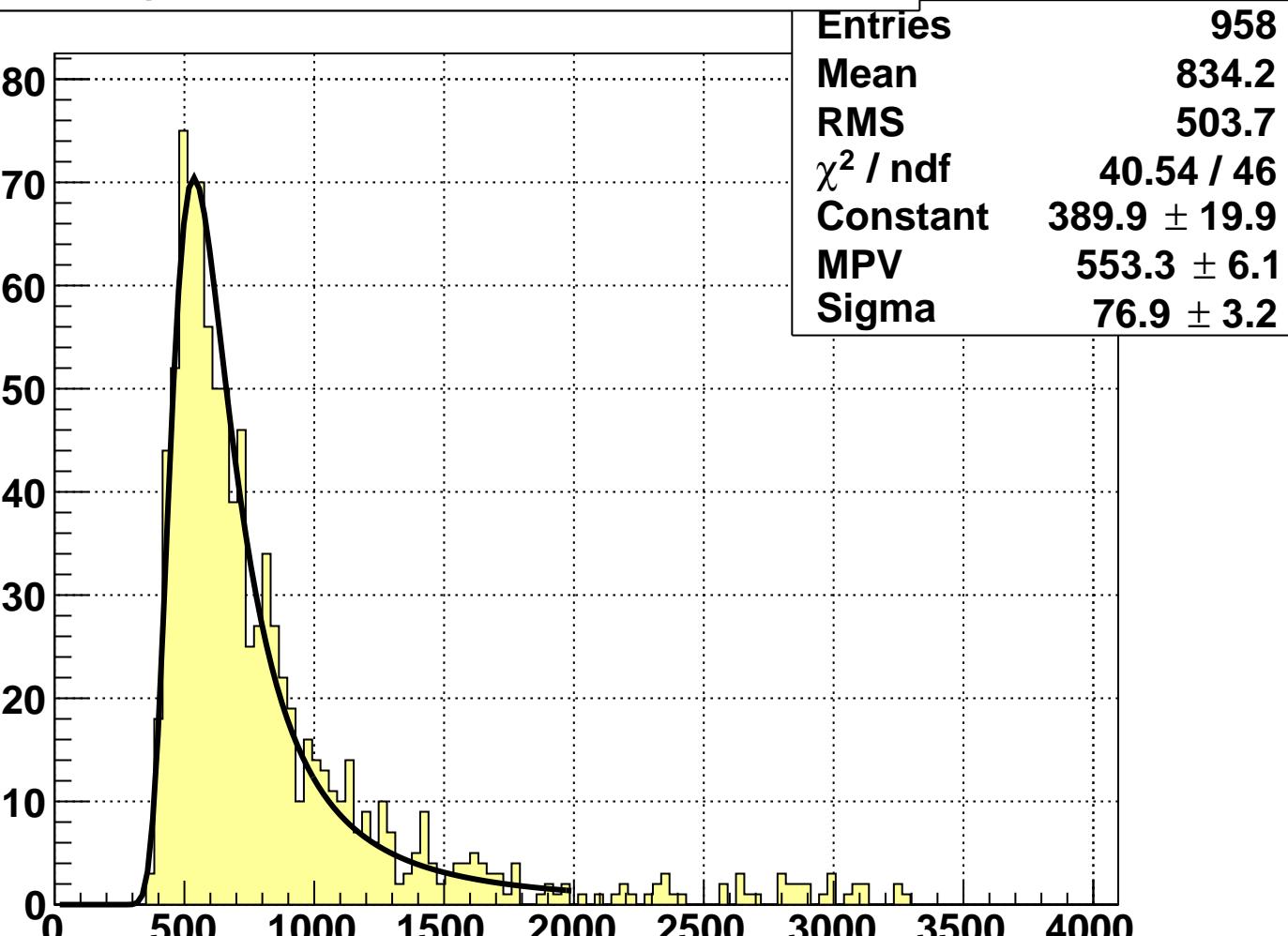
nonZS_Section_1

Entries	389
Mean	1054
RMS	618.9
χ^2 / ndf	51.29 / 45
Constant	119.2 ± 11.7
MPV	657.5 ± 14.3
Sigma	87.67 ± 7.78



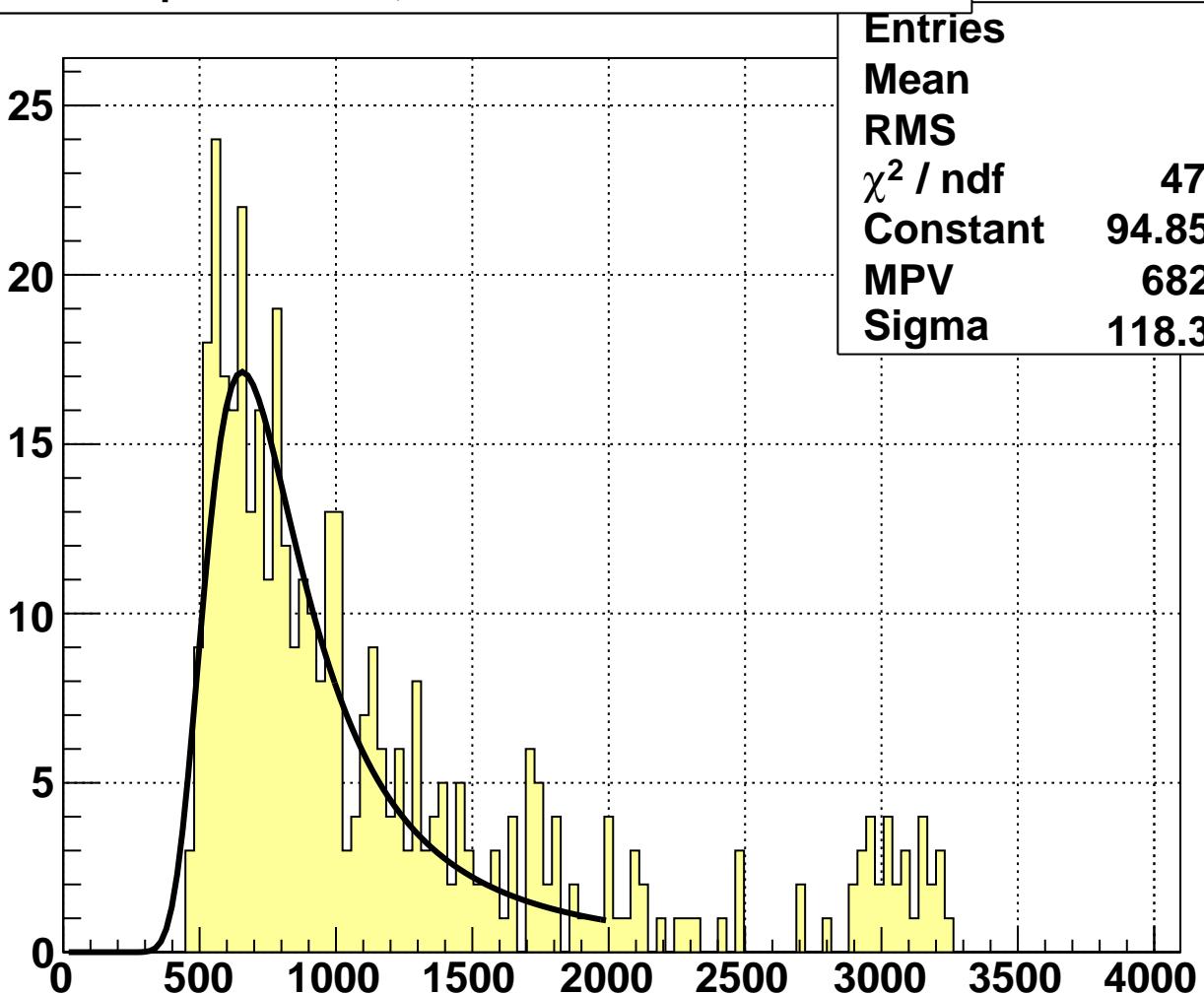
FST - MIP peak non-ZS, RDO1_ARM0_PORT1_SEC0

nonZS_Section_2



FST - MIP peak non-ZS, RDO1_ARM0_PORT1_SEC1

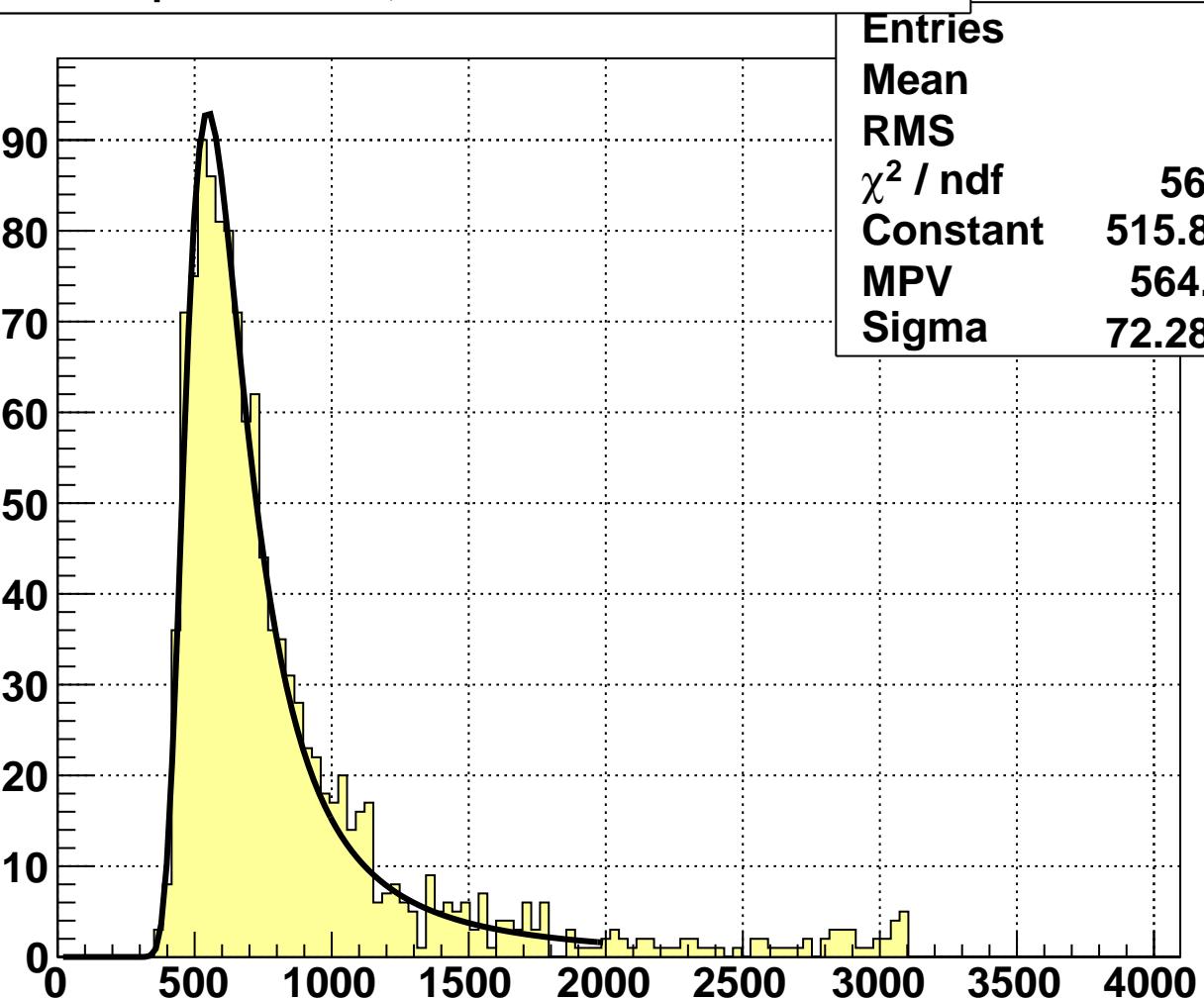
nonZS_Section_3



Entries	403
Mean	1164
RMS	713.6
χ^2 / ndf	47.45 / 44
Constant	94.85 ± 9.33
MPV	682 ± 16.6
Sigma	118.3 ± 11.8

FST - MIP peak non-ZS, RDO1_ARM1_PORT0_SEC0

nonZS_Section_4

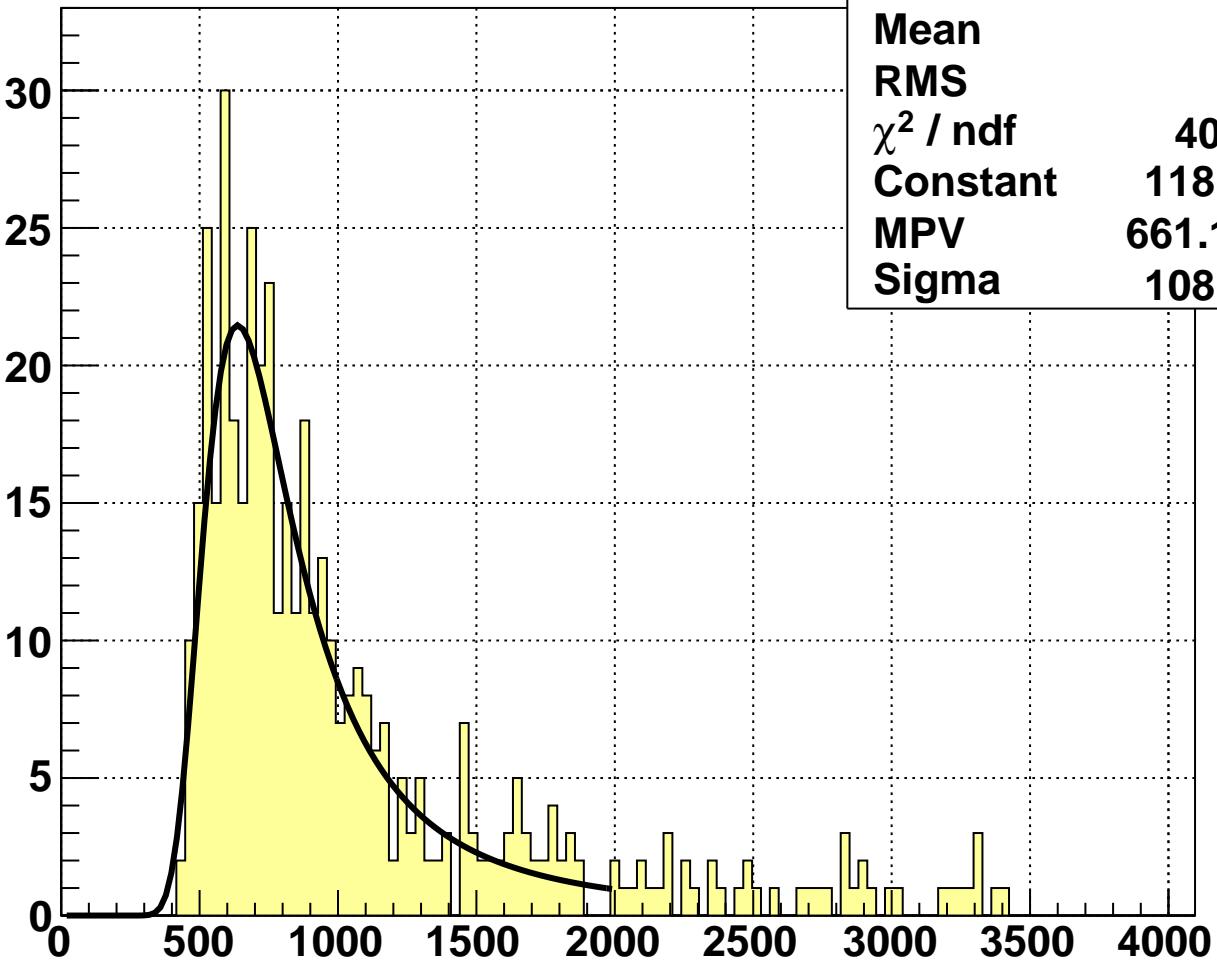


Entries	1209
Mean	840.3
RMS	498.9
χ^2 / ndf	56.88 / 47
Constant	515.8 ± 22.7
MPV	564.2 ± 4.8
Sigma	72.28 ± 2.49

FST - MIP peak non-ZS, RDO1_ARM1_PORT0_SEC1

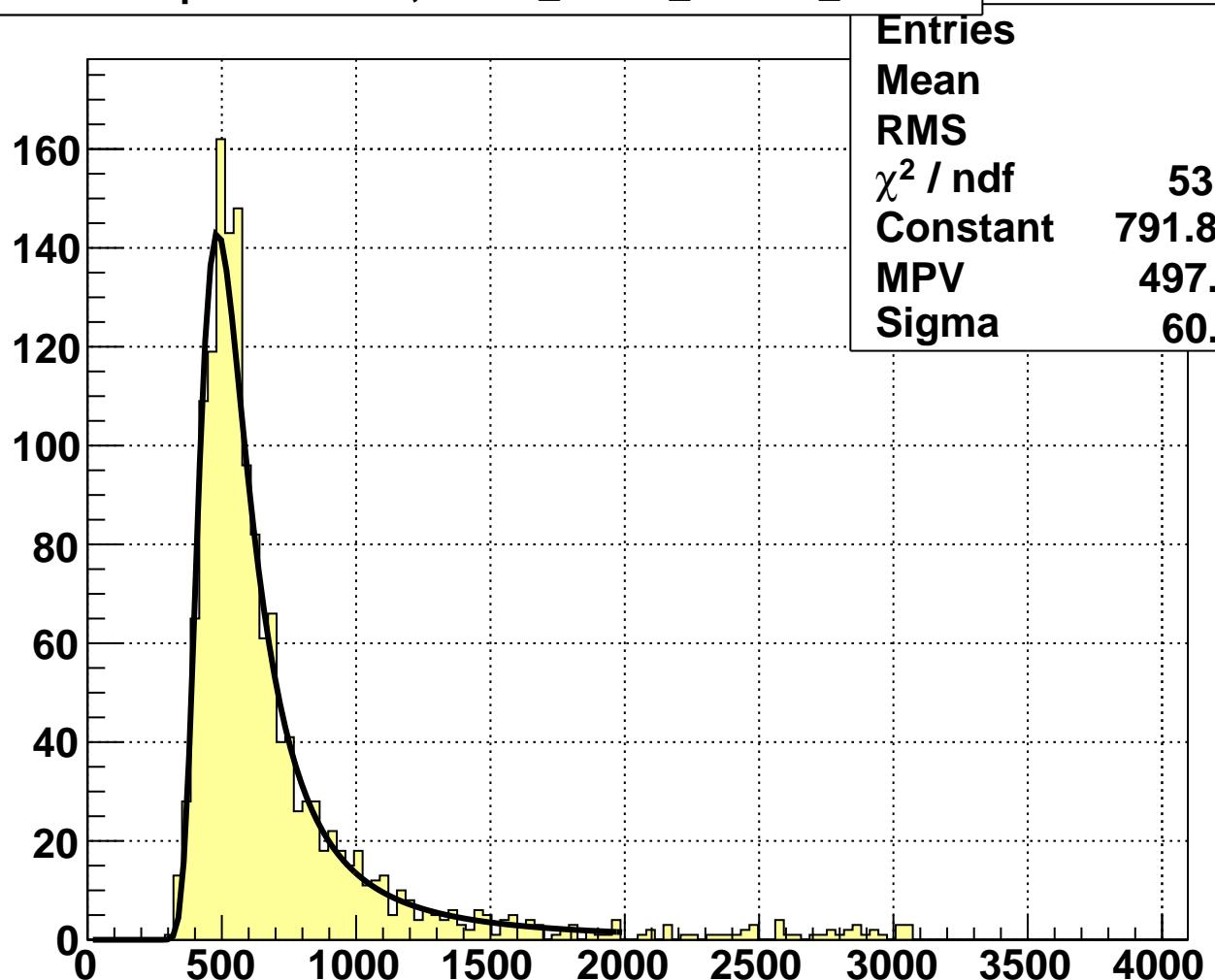
nonZS_Section_5

Entries	440
Mean	1052
RMS	636.5
χ^2 / ndf	40.29 / 43
Constant	118.8 ± 9.6
MPV	661.1 ± 13.6
Sigma	108.6 ± 7.9



FST - MIP peak non-ZS, RDO1_ARM1_PORT1_SEC0

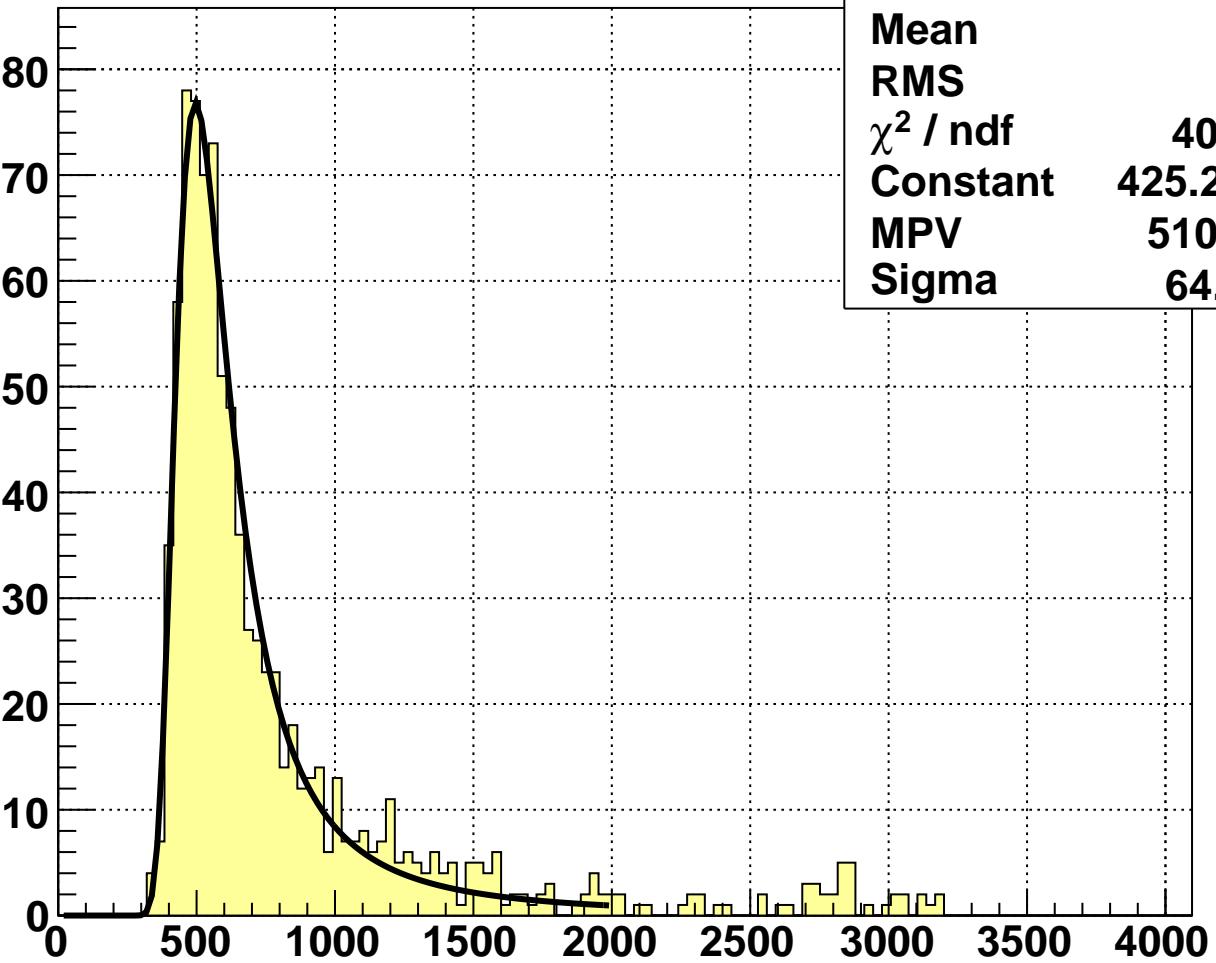
nonZS_Section_6



FST - MIP peak non-ZS, RDO1_ARM1_PORT1_SEC1

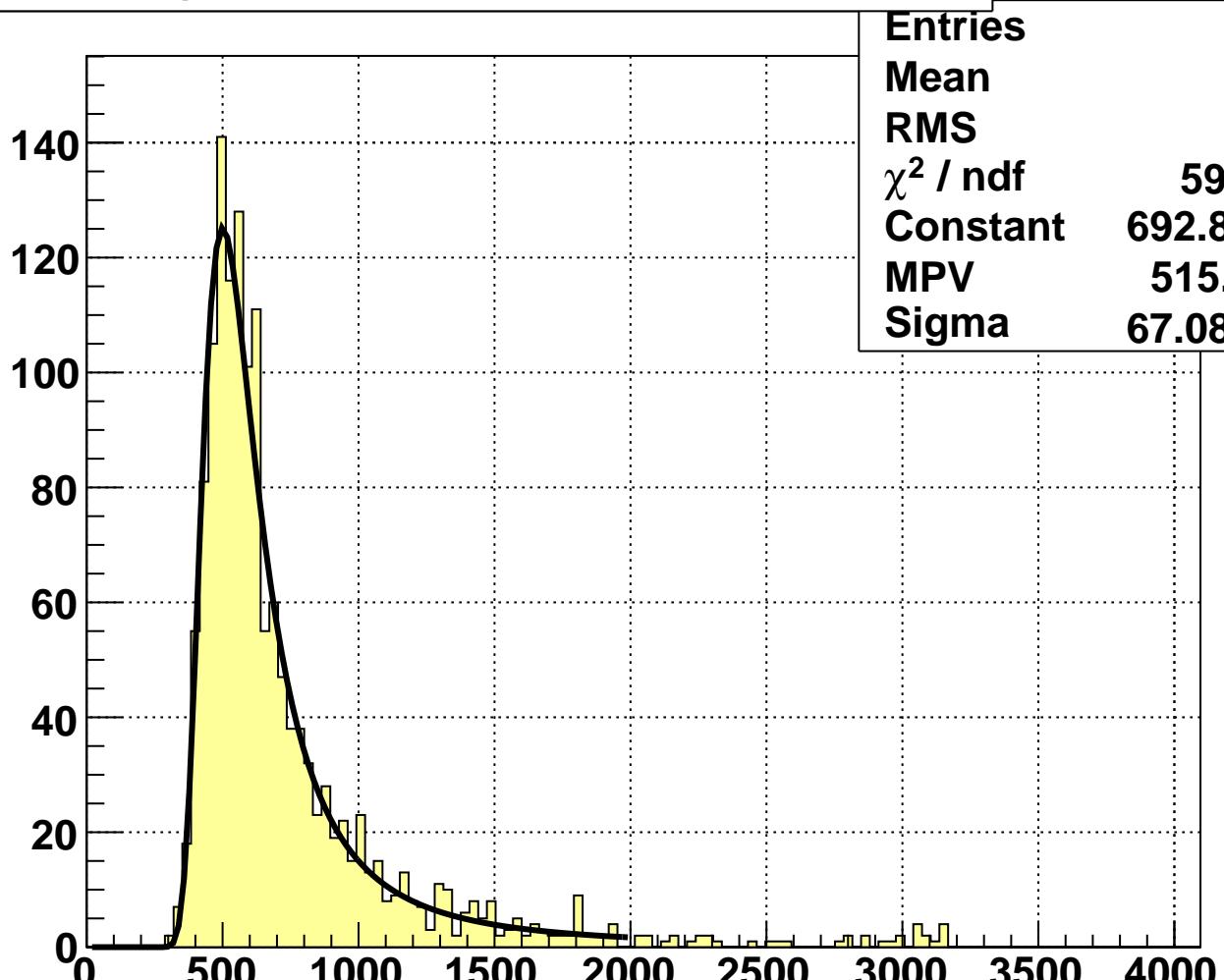
nonZS_Section_7

Entries	896
Mean	812
RMS	548.4
χ^2 / ndf	40.09 / 48
Constant	425.2 ± 23.8
MPV	510.2 ± 5.1
Sigma	64.2 ± 3.0



FST - MIP peak non-ZS, RDO1_ARM2_PORT0_SEC0

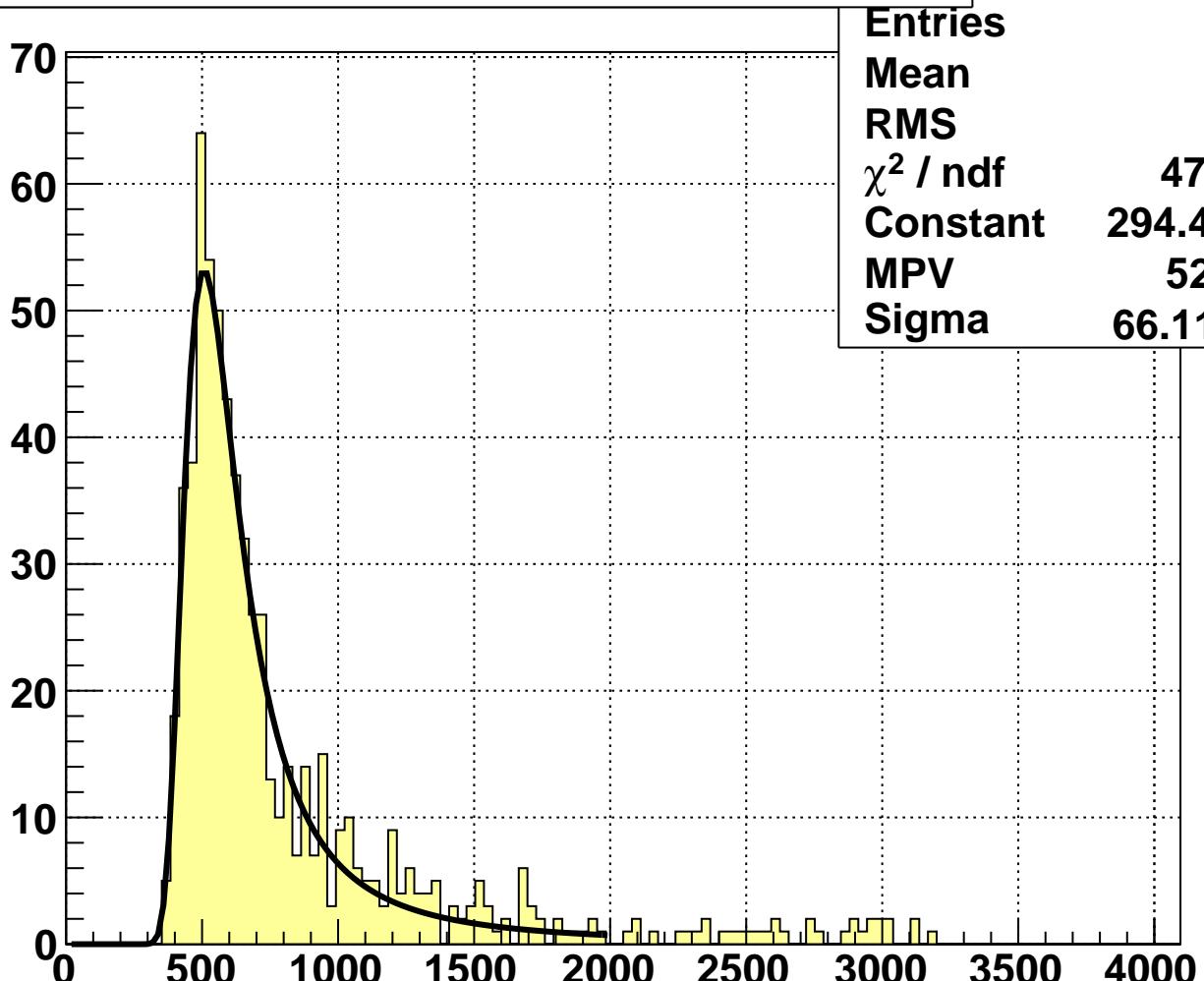
nonZS_Section_8



Entries	1472
Mean	741.7
RMS	430.3
χ^2 / ndf	59.19 / 49
Constant	692.8 ± 28.6
MPV	515.2 ± 3.8
Sigma	67.08 ± 2.23

FST - MIP peak non-ZS, RDO1_ARM2_PORT0_SEC1

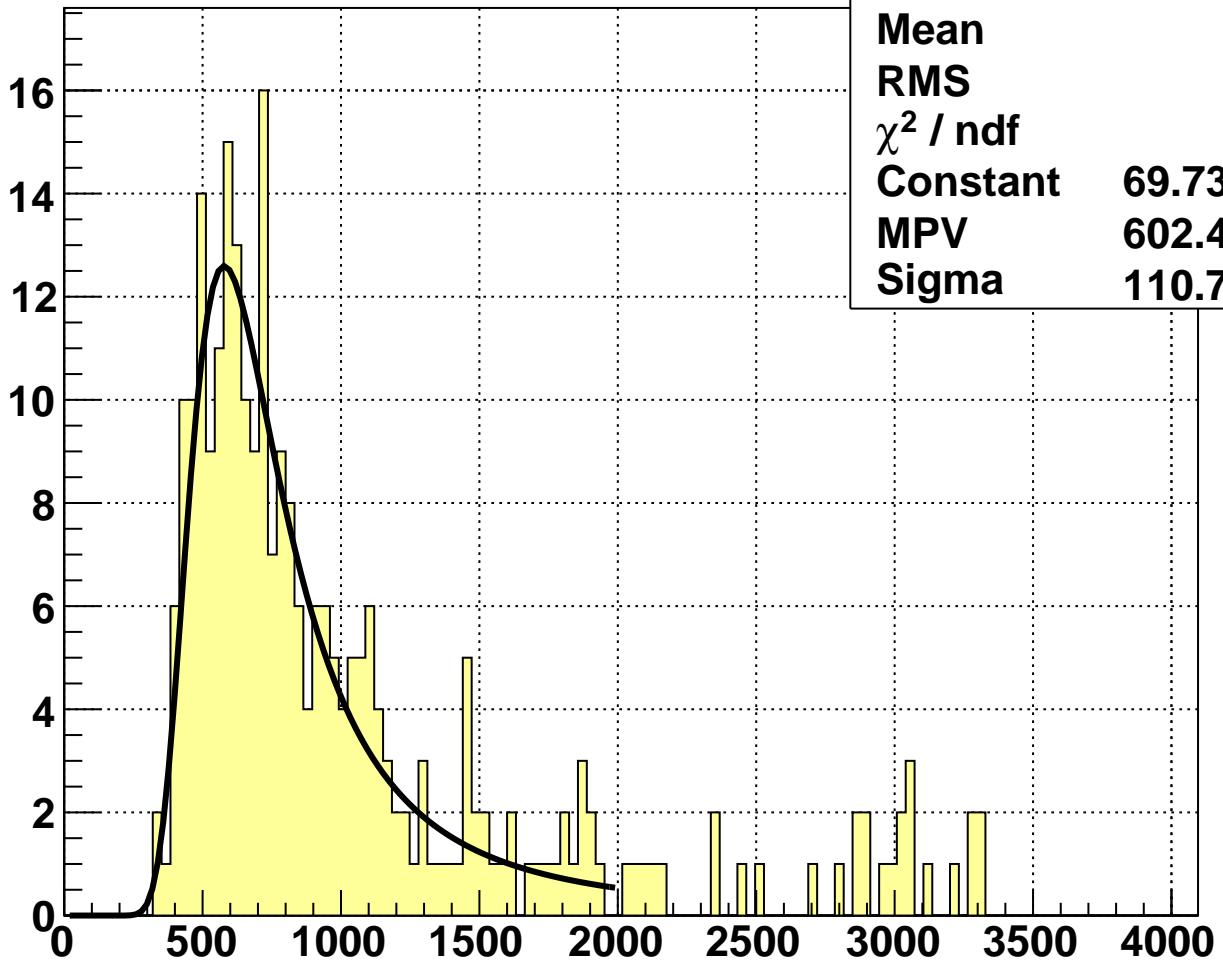
nonZS_Section_9



FST - MIP peak non-ZS, RDO1_ARM2_PORT1_SEC0

nonZS_Section_10

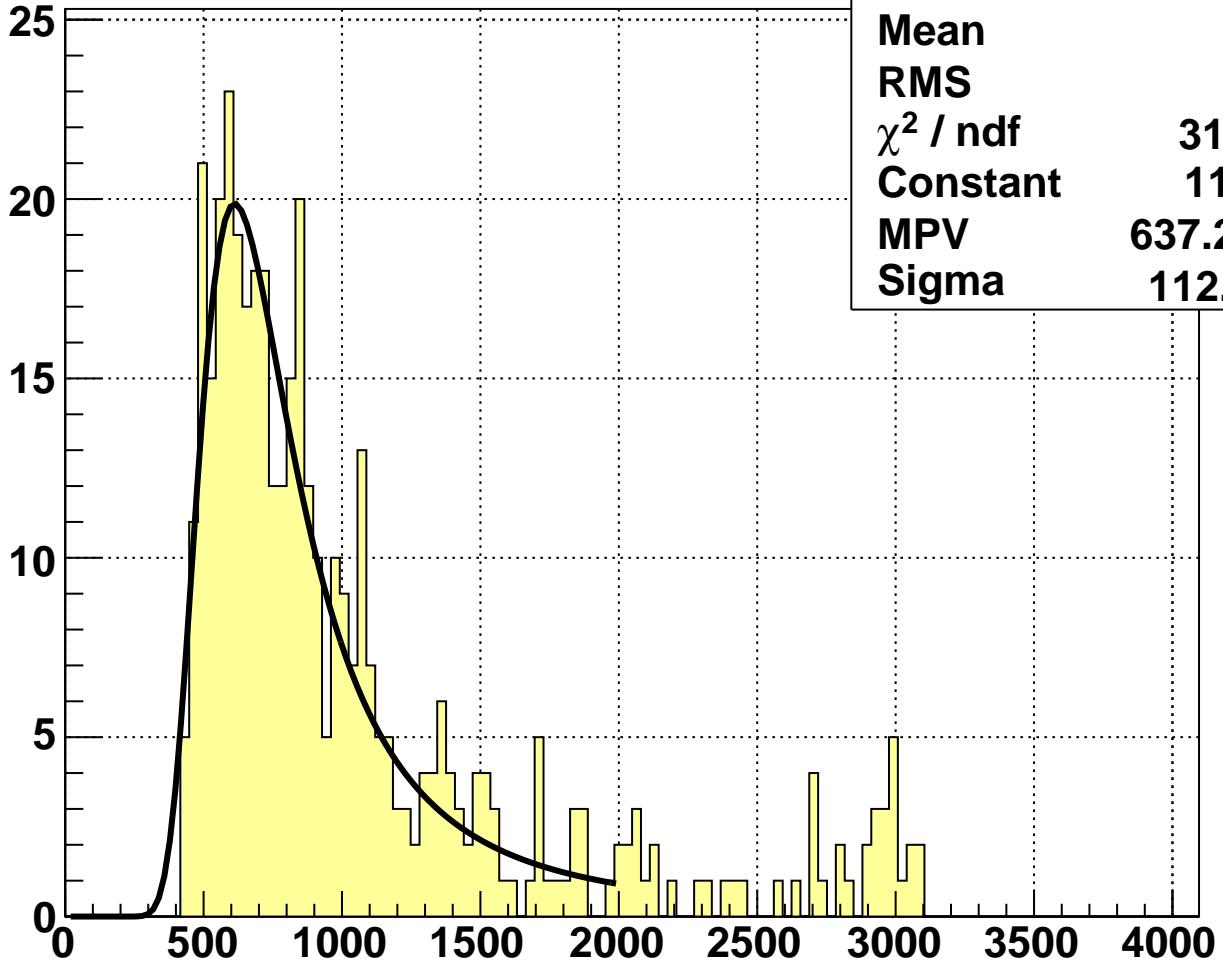
Entries	270
Mean	1040
RMS	702.6
χ^2 / ndf	25 / 47
Constant	69.73 ± 7.17
MPV	602.4 ± 17.3
Sigma	110.7 ± 10.0



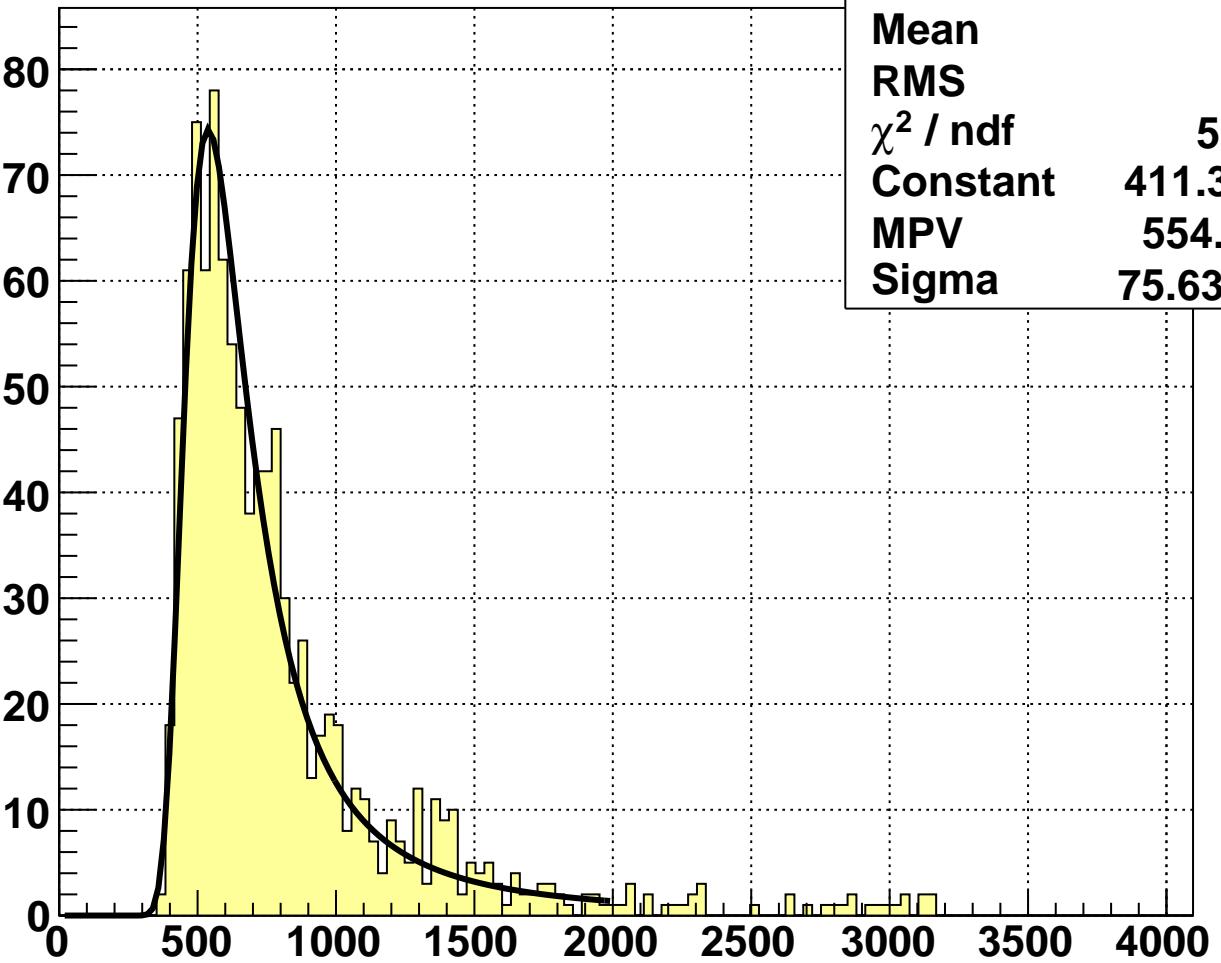
FST - MIP peak non-ZS, RDO1_ARM2_PORT1_SEC1

nonZS_Section_11

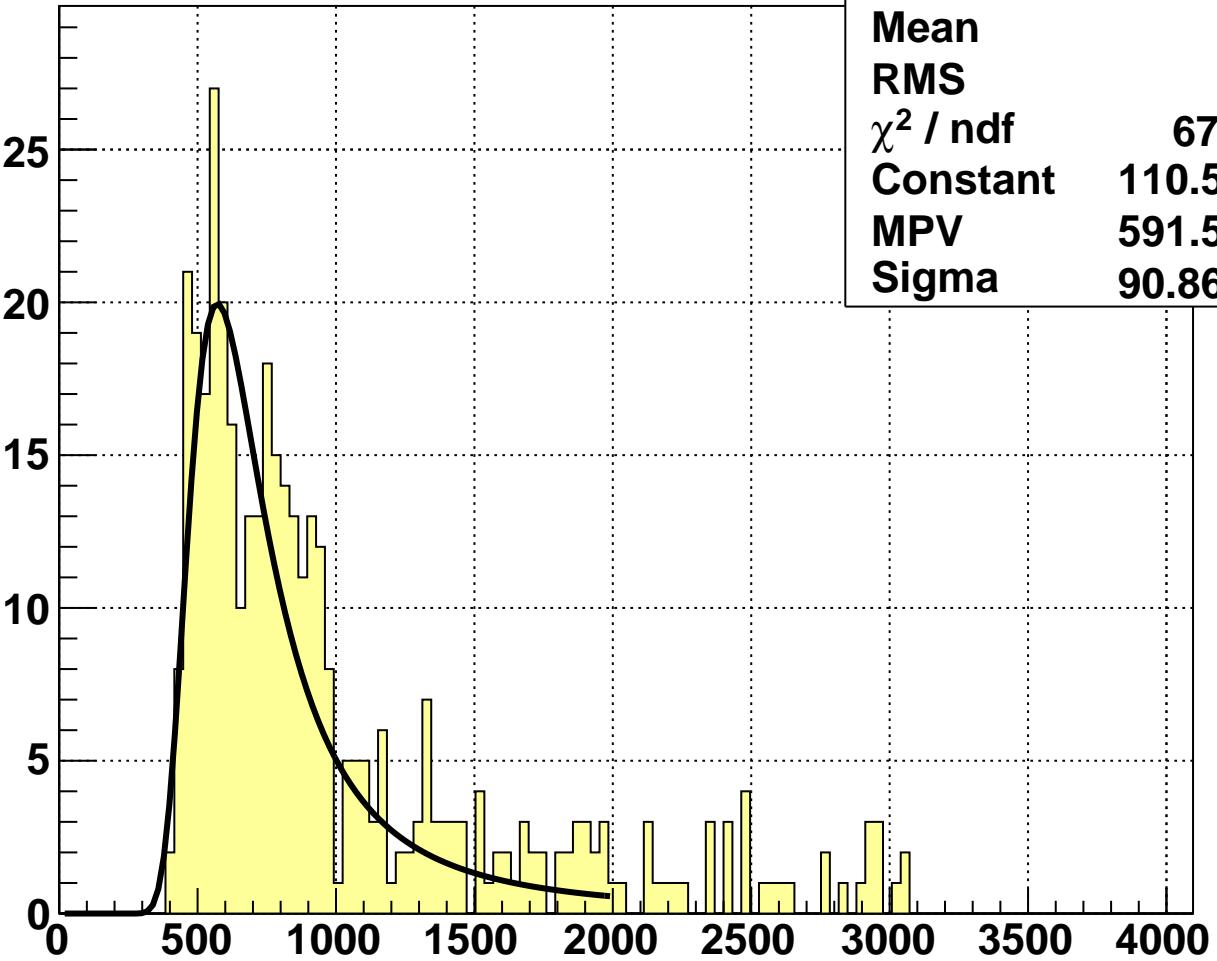
Entries	413
Mean	1054
RMS	643.8
χ^2 / ndf	31.18 / 44
Constant	110 ± 9.4
MPV	637.2 ± 14.1
Sigma	112.3 ± 9.2



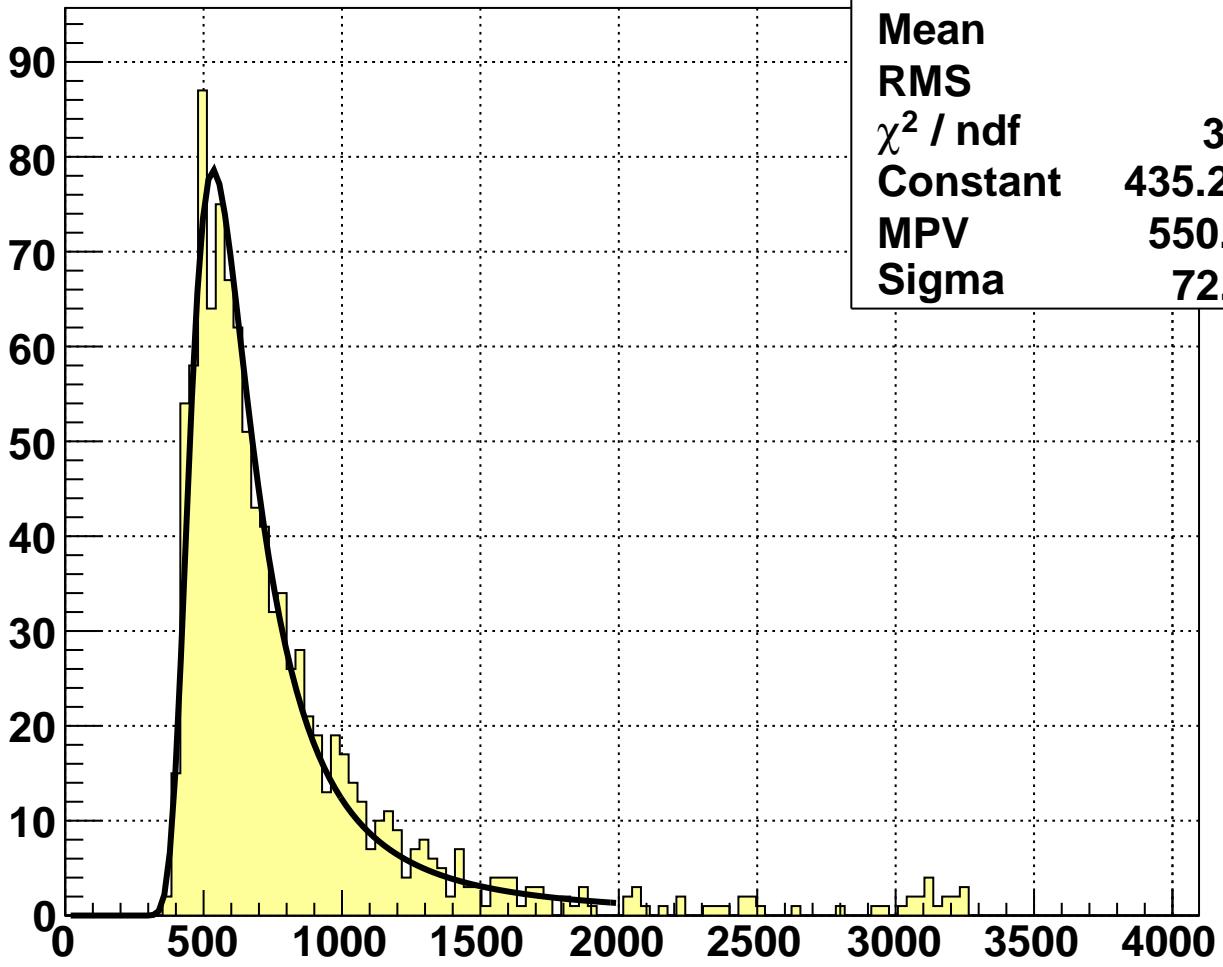
Entries	1003
Mean	813.3
RMS	454.5
χ^2 / ndf	57.1 / 48
Constant	411.3 ± 20.1
MPV	554.8 ± 5.9
Sigma	75.63 ± 2.94



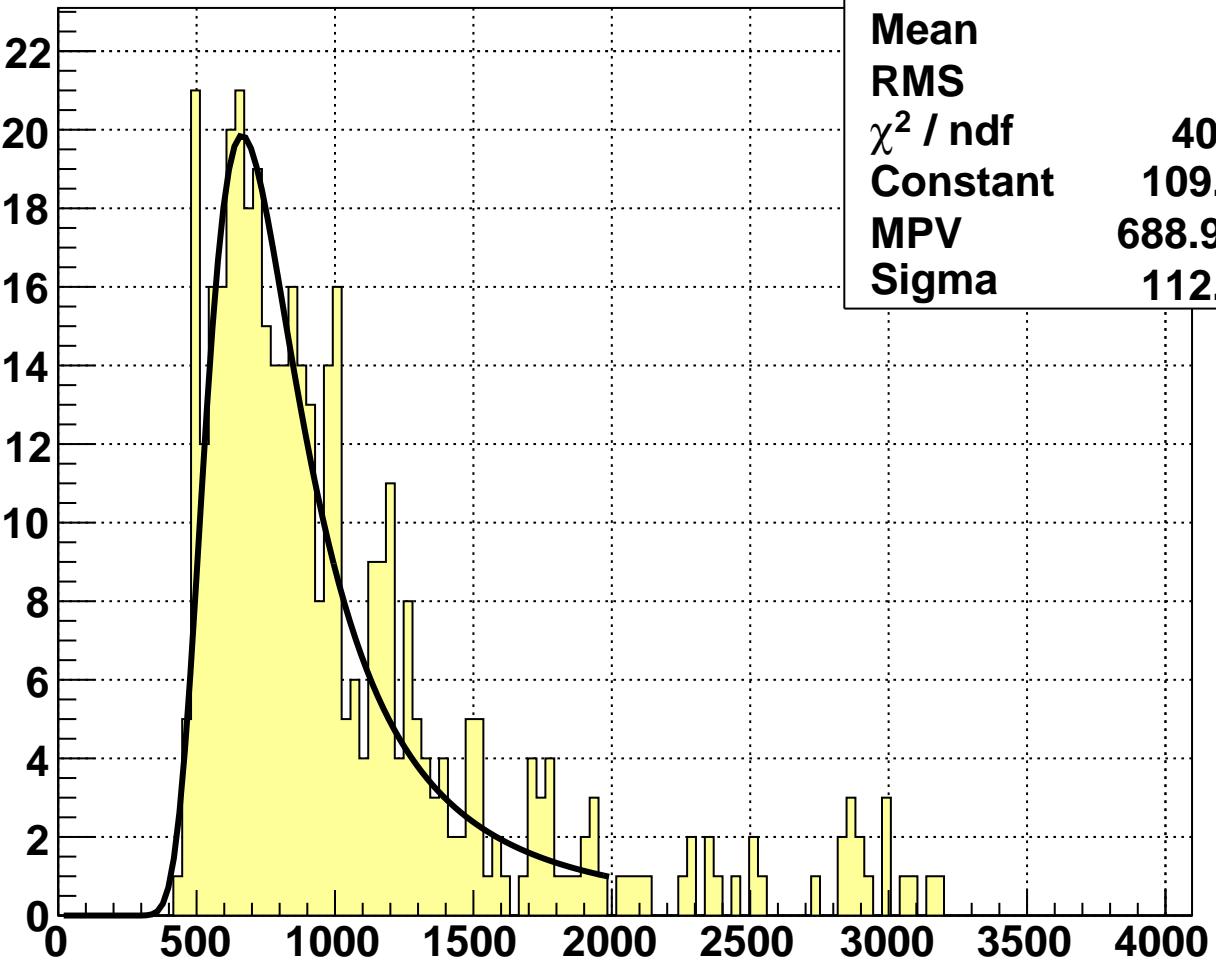
Entries	390
Mean	1010
RMS	615
χ^2 / ndf	67.88 / 46
Constant	110.5 ± 10.4
MPV	591.5 ± 12.9
Sigma	90.86 ± 7.59



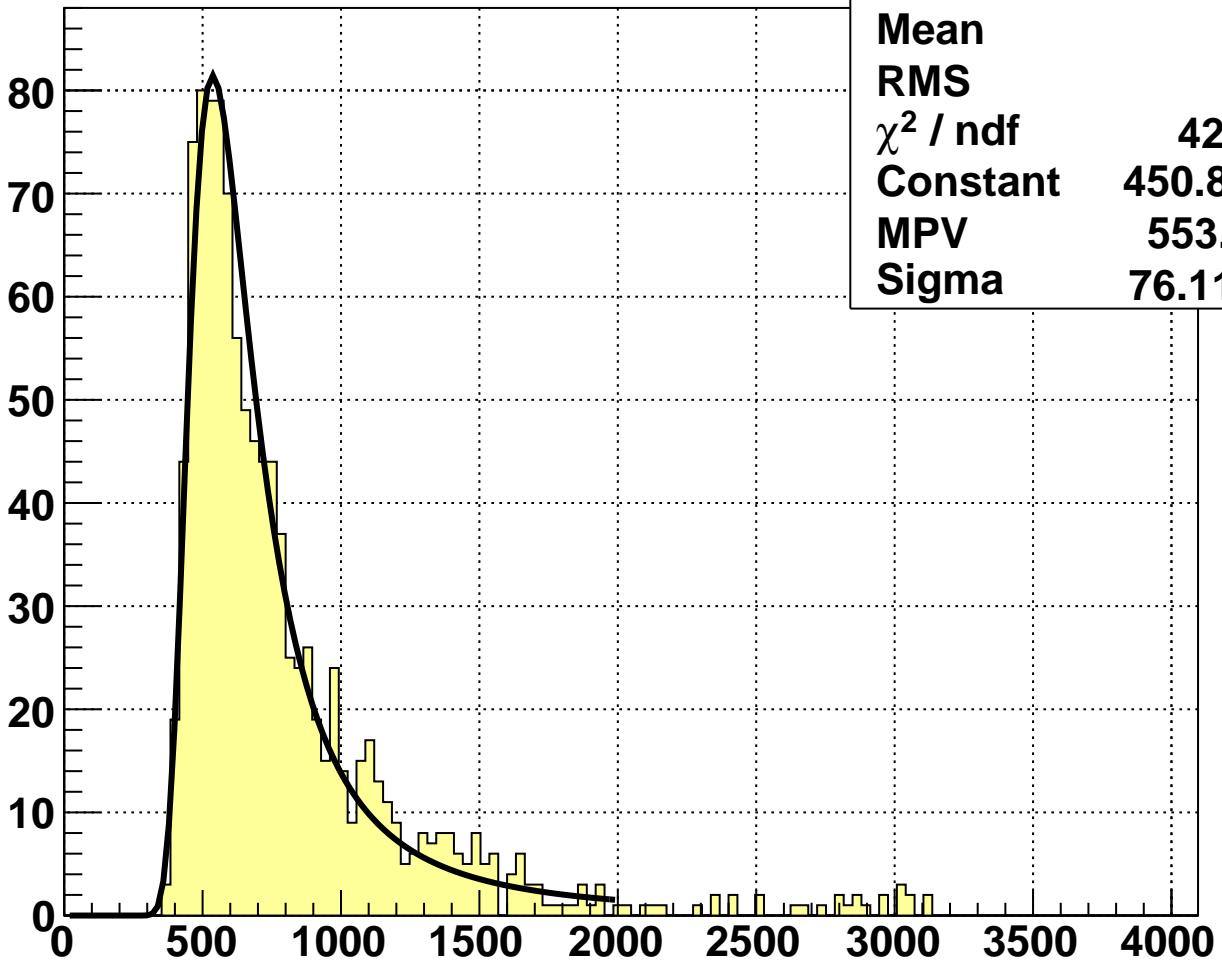
Entries	1003
Mean	806
RMS	481.2
χ^2 / ndf	39.3 / 45
Constant	435.2 ± 21.0
MPV	550.6 ± 5.6
Sigma	72.6 ± 2.8



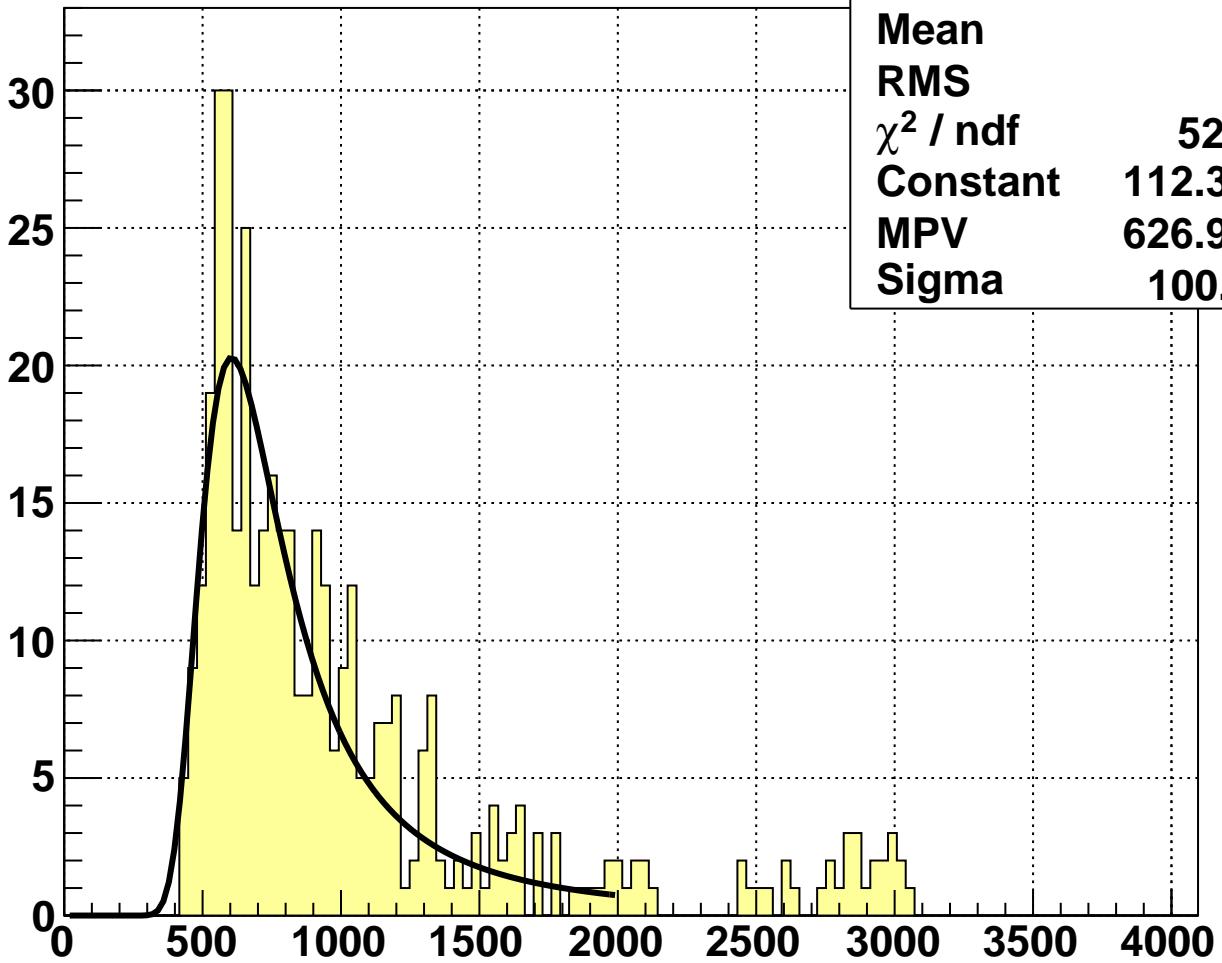
Entries	414
Mean	1038
RMS	567.8
χ^2 / ndf	40.41 / 45
Constant	109.9 ± 8.7
MPV	688.9 ± 14.2
Sigma	112.2 ± 7.6



Entries	1075
Mean	802.9
RMS	441.6
χ^2 / ndf	42.52 / 47
Constant	450.8 ± 21.7
MPV	553.4 ± 5.7
Sigma	76.11 ± 3.02



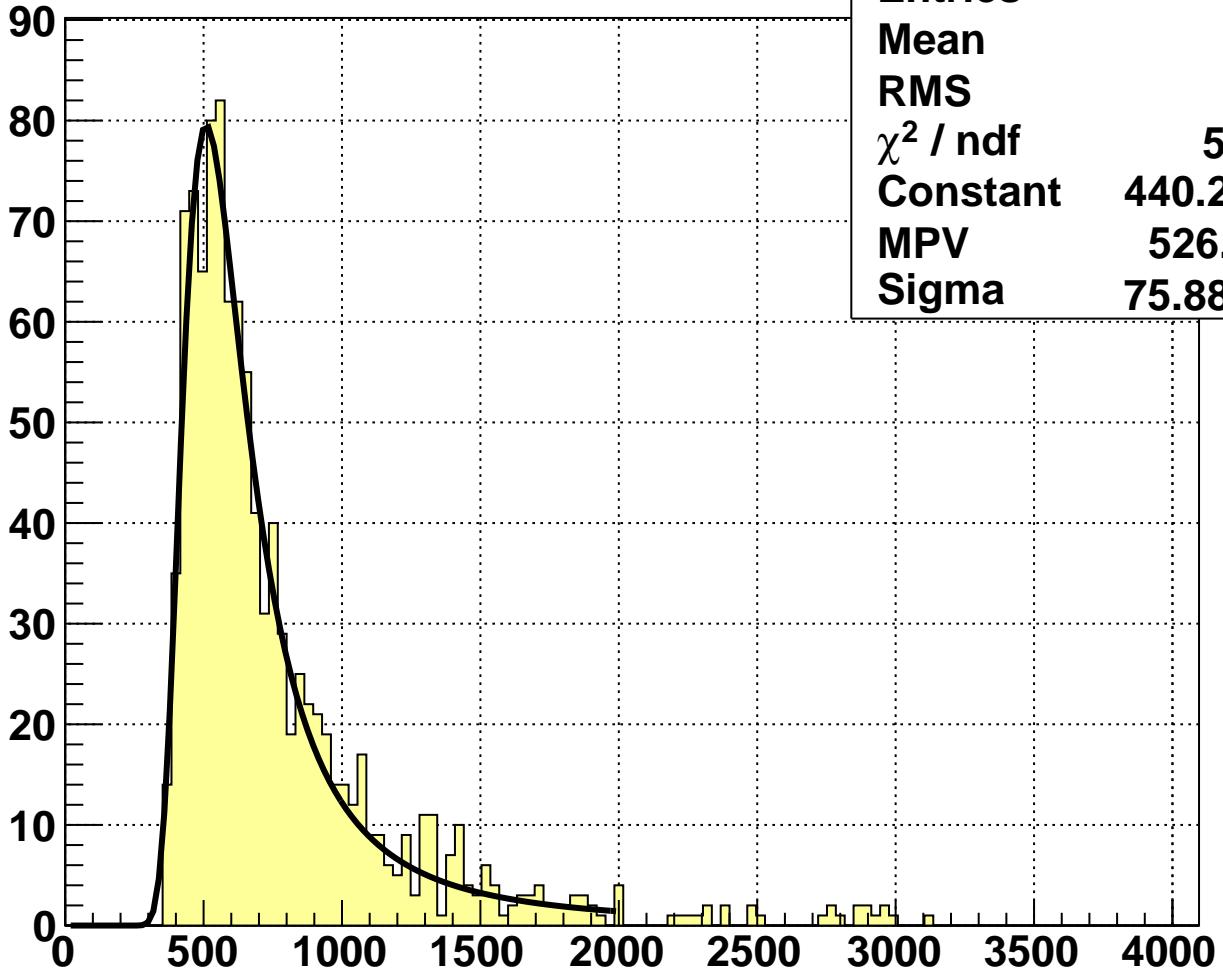
Entries	404
Mean	1024
RMS	616.2
χ^2 / ndf	52.22 / 44
Constant	112.3 ± 10.2
MPV	626.9 ± 12.9
Sigma	100.7 ± 8.7



FST - MIP peak non-ZS, RDO2_ARM1_PORT1_SEC0

nonZS_Section_18

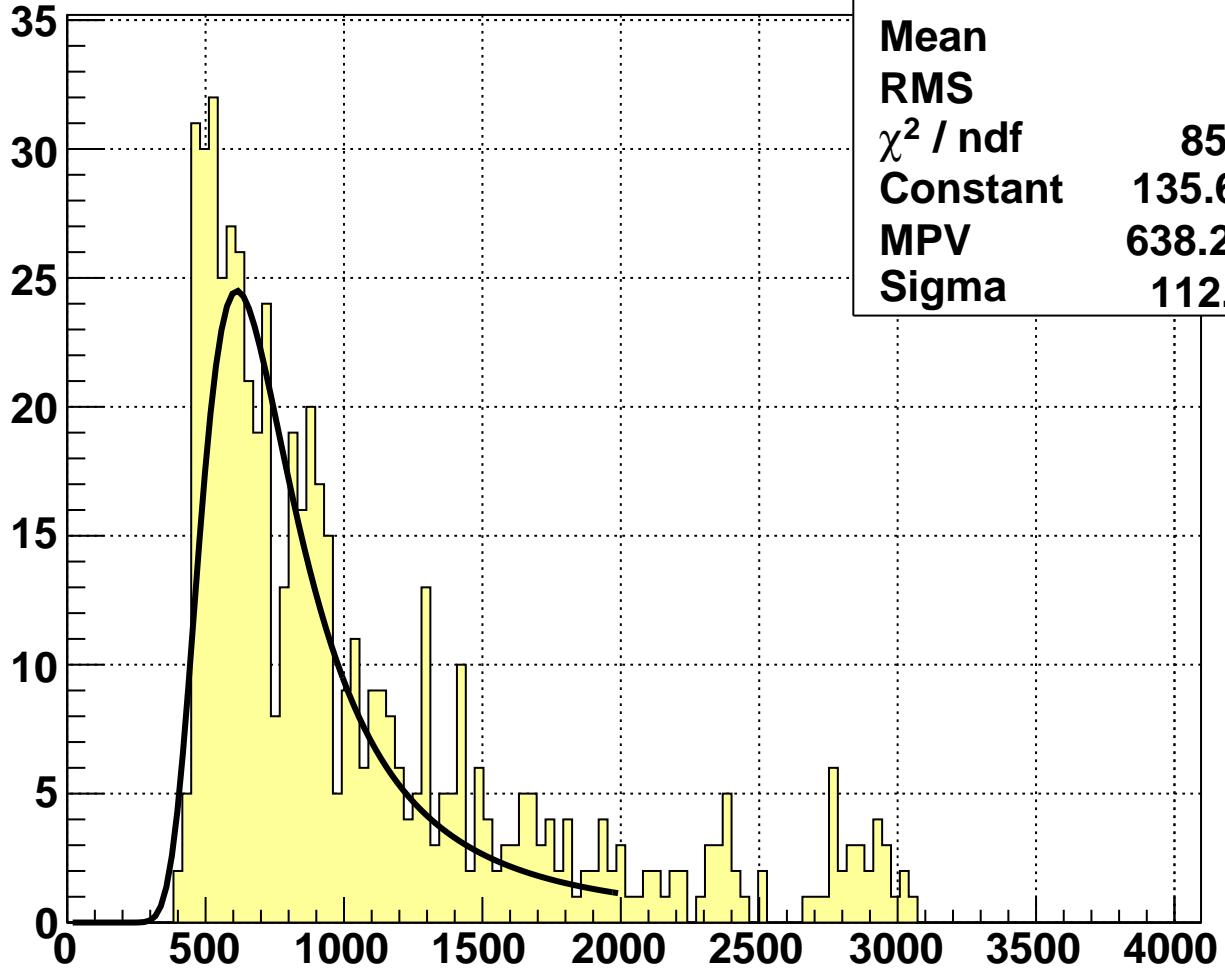
Entries	1057
Mean	774.7
RMS	428.5
χ^2 / ndf	55.5 / 48
Constant	440.2 ± 21.5
MPV	526.3 ± 5.4
Sigma	75.88 ± 3.09



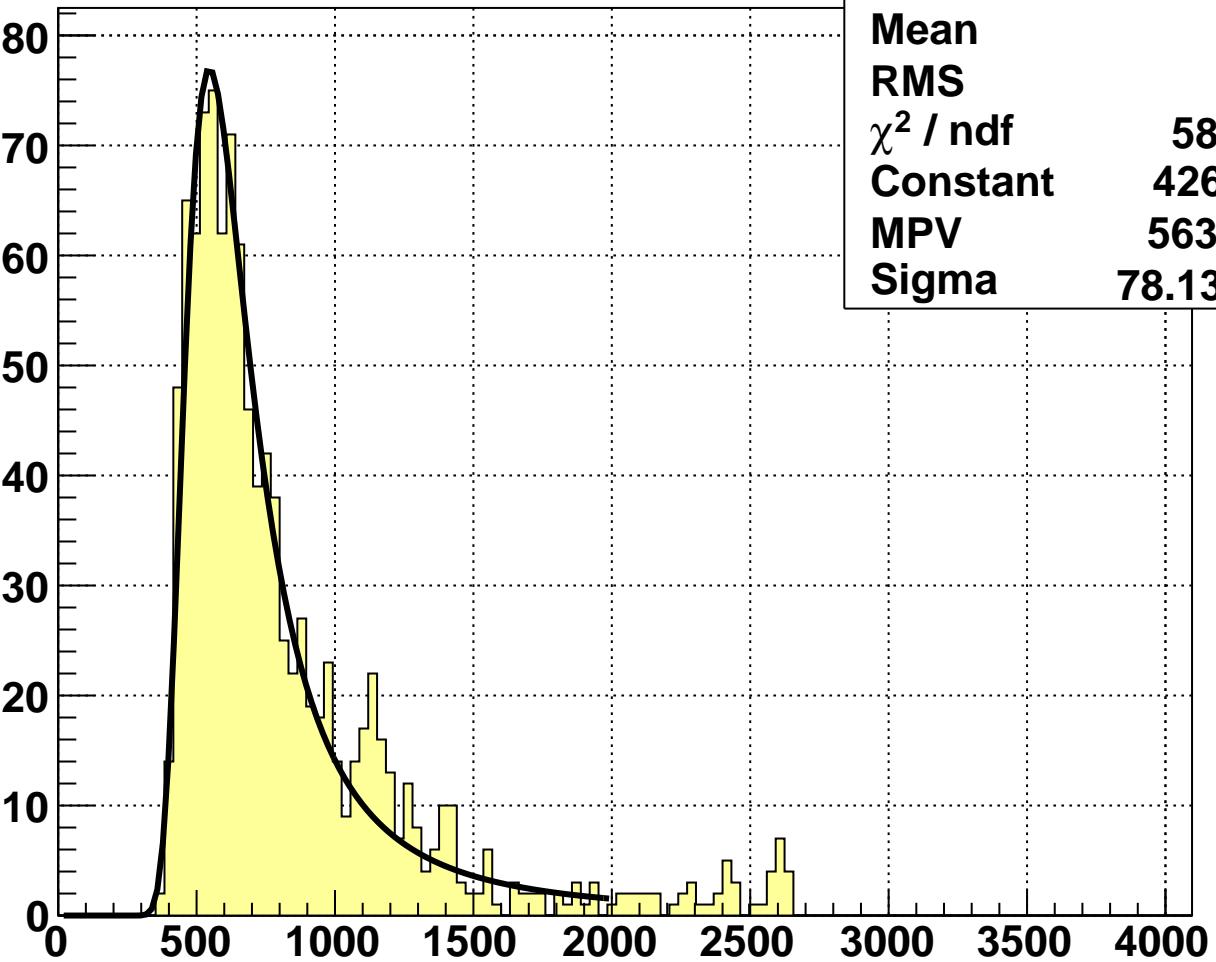
FST - MIP peak non-ZS, RDO2_ARM1_PORT1_SEC1

nonZS_Section_19

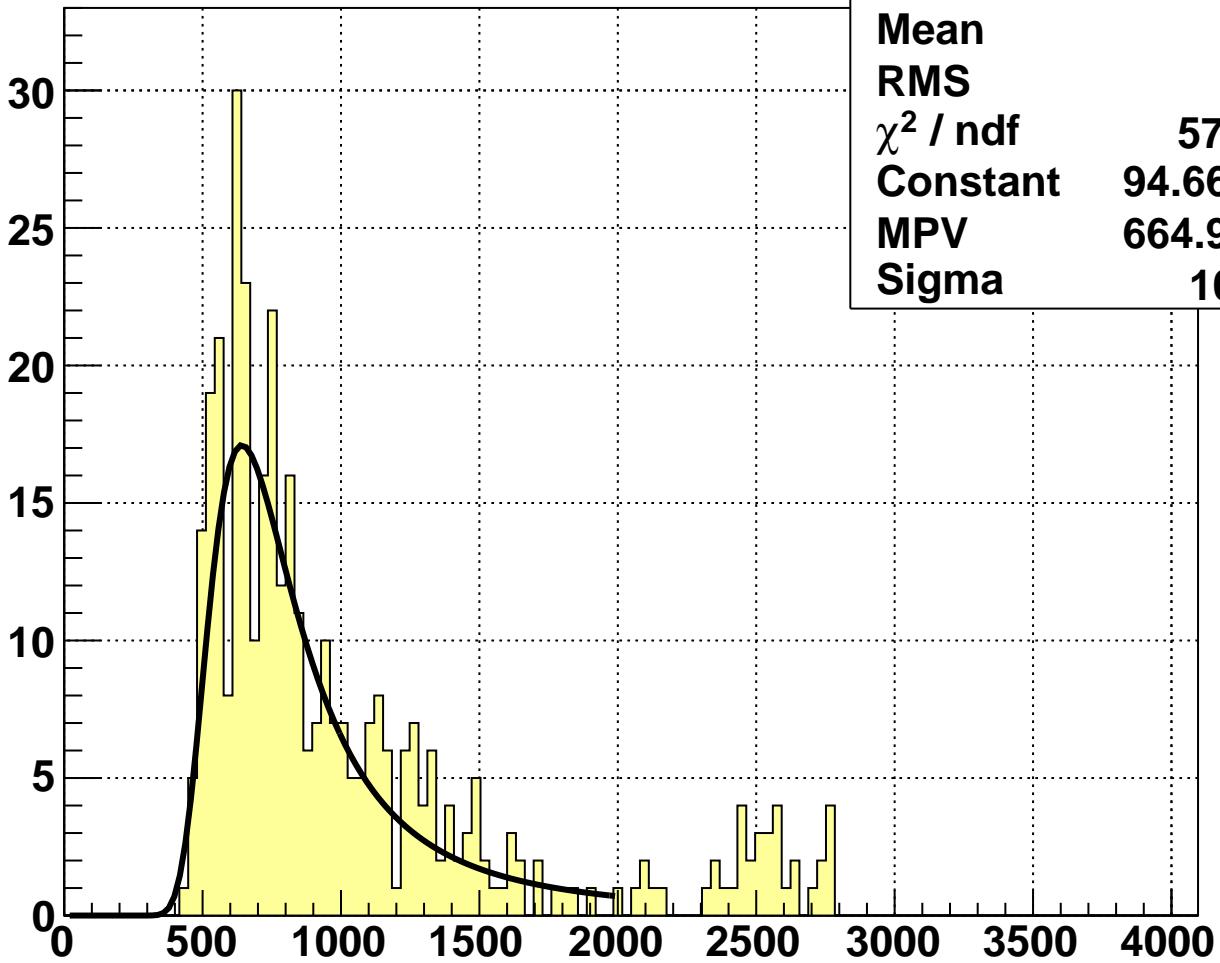
Entries	573
Mean	1060
RMS	637.7
χ^2 / ndf	85.94 / 48
Constant	135.6 ± 12.1
MPV	638.2 ± 15.9
Sigma	112.5 ± 9.9



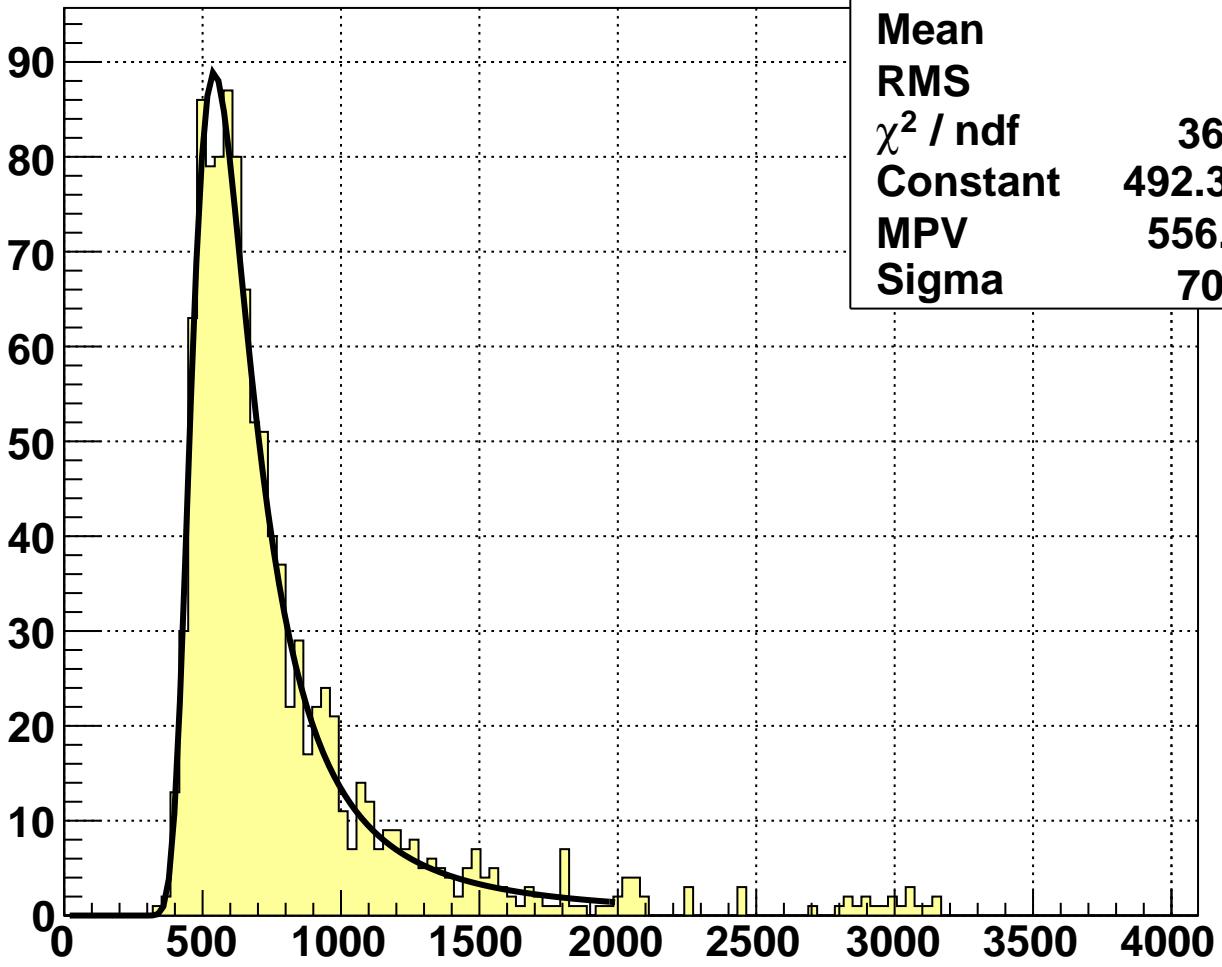
Entries	1073
Mean	826.2
RMS	442.5
χ^2 / ndf	58.56 / 46
Constant	426 ± 20.5
MPV	563.6 ± 6.1
Sigma	78.13 ± 3.00



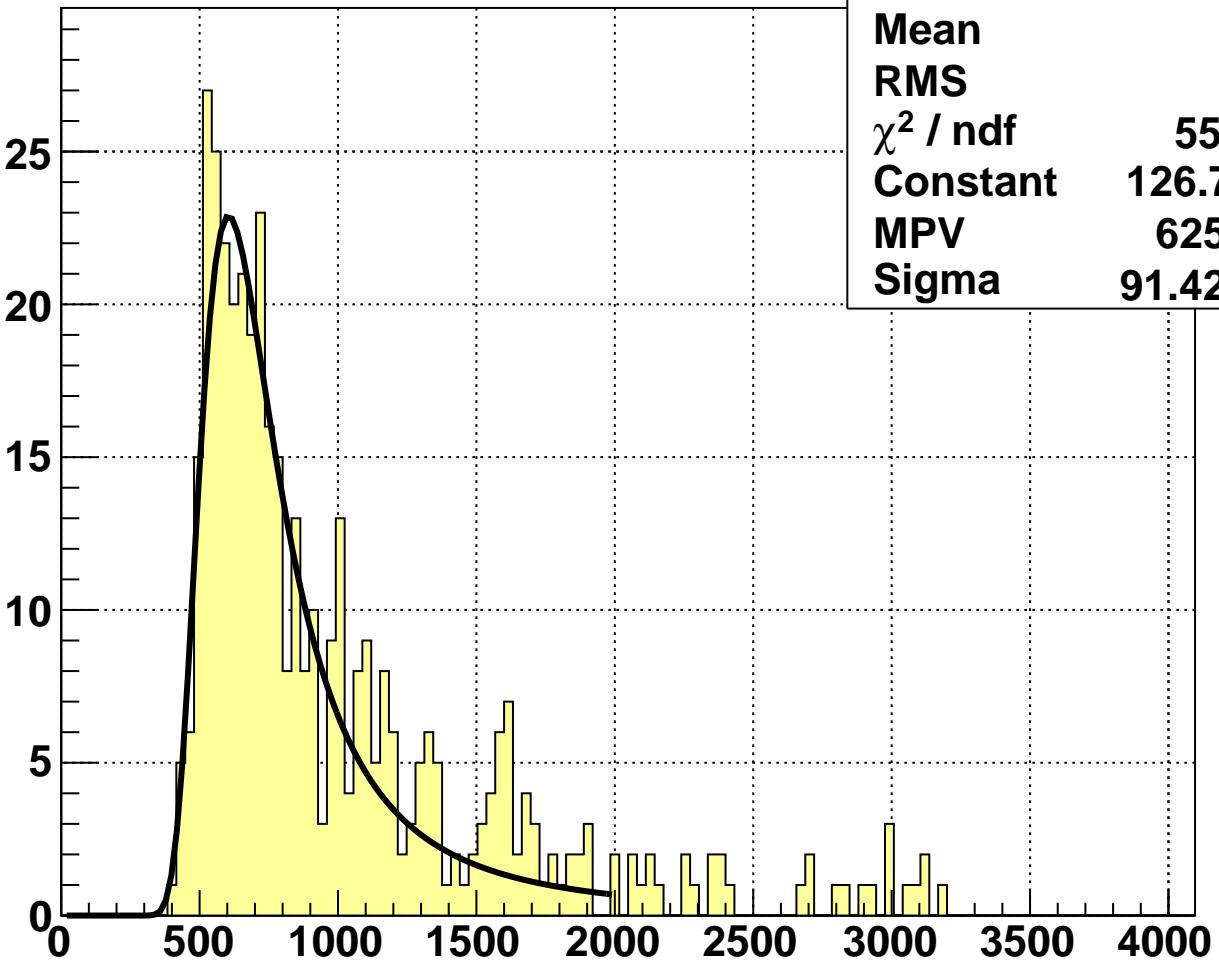
Entries	368
Mean	1023
RMS	576.1
χ^2 / ndf	57.29 / 42
Constant	94.66 ± 8.49
MPV	664.9 ± 15.0
Sigma	104 ± 8.1



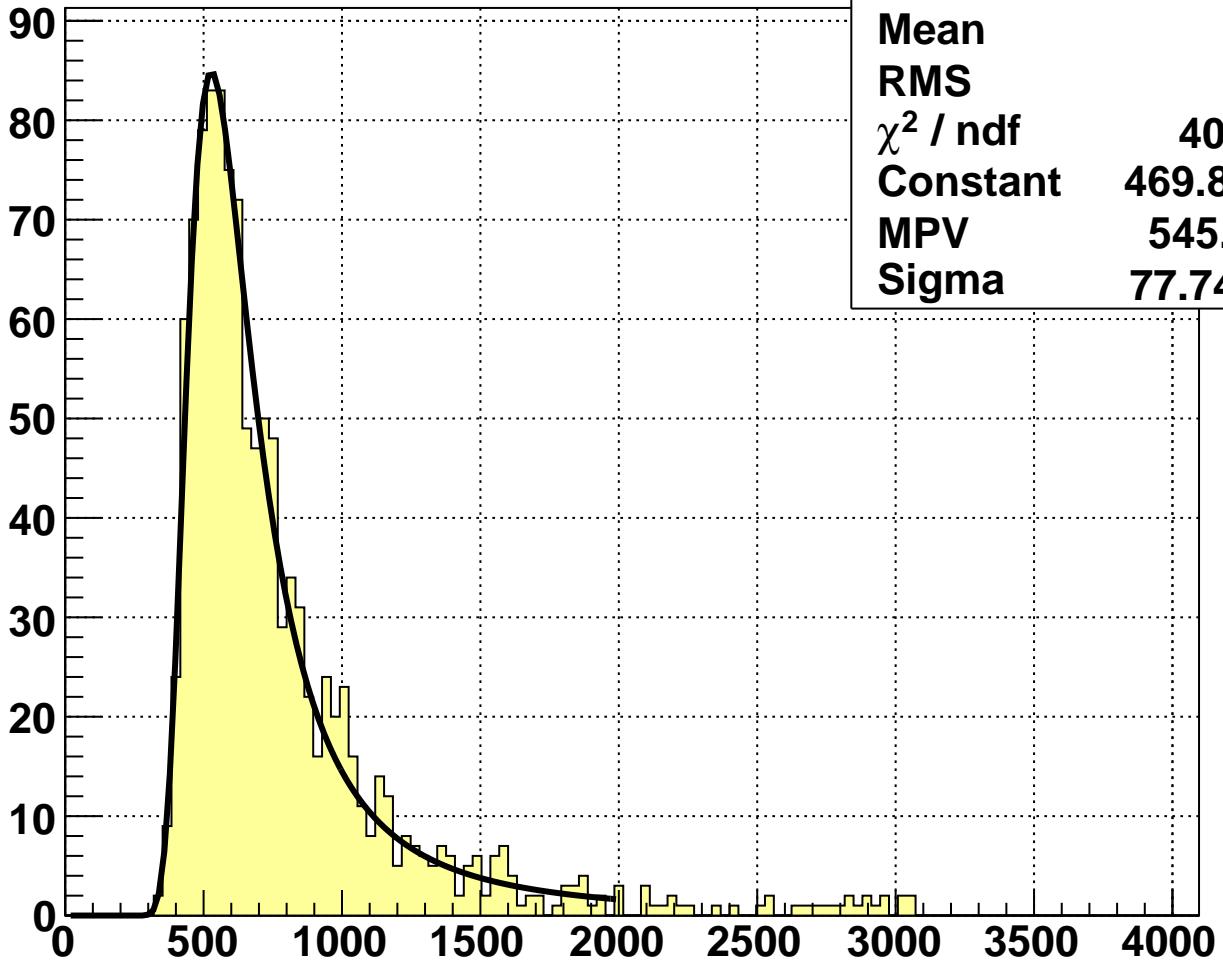
Entries	1090
Mean	795.6
RMS	442.5
χ^2 / ndf	36.58 / 49
Constant	492.3 ± 22.7
MPV	556.9 ± 4.8
Sigma	70.1 ± 2.5

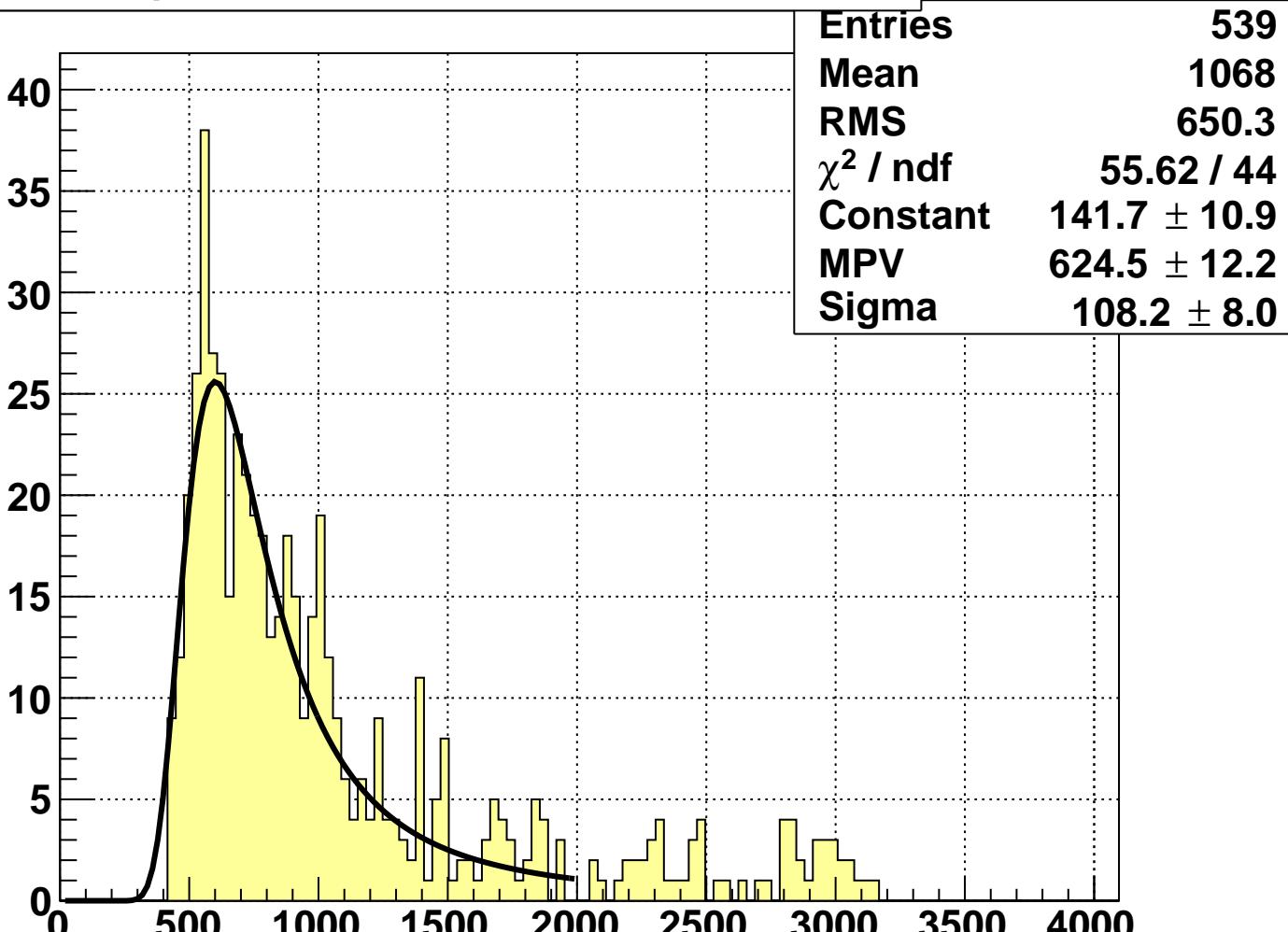


Entries	417
Mean	1006
RMS	572
χ^2 / ndf	55.13 / 46
Constant	126.7 ± 11.1
MPV	625 ± 11.7
Sigma	91.42 ± 6.99



Entries	1141
Mean	788.3
RMS	434.6
χ^2 / ndf	40.41 / 48
Constant	469.8 ± 21.2
MPV	545.4 ± 5.3
Sigma	77.74 ± 2.81

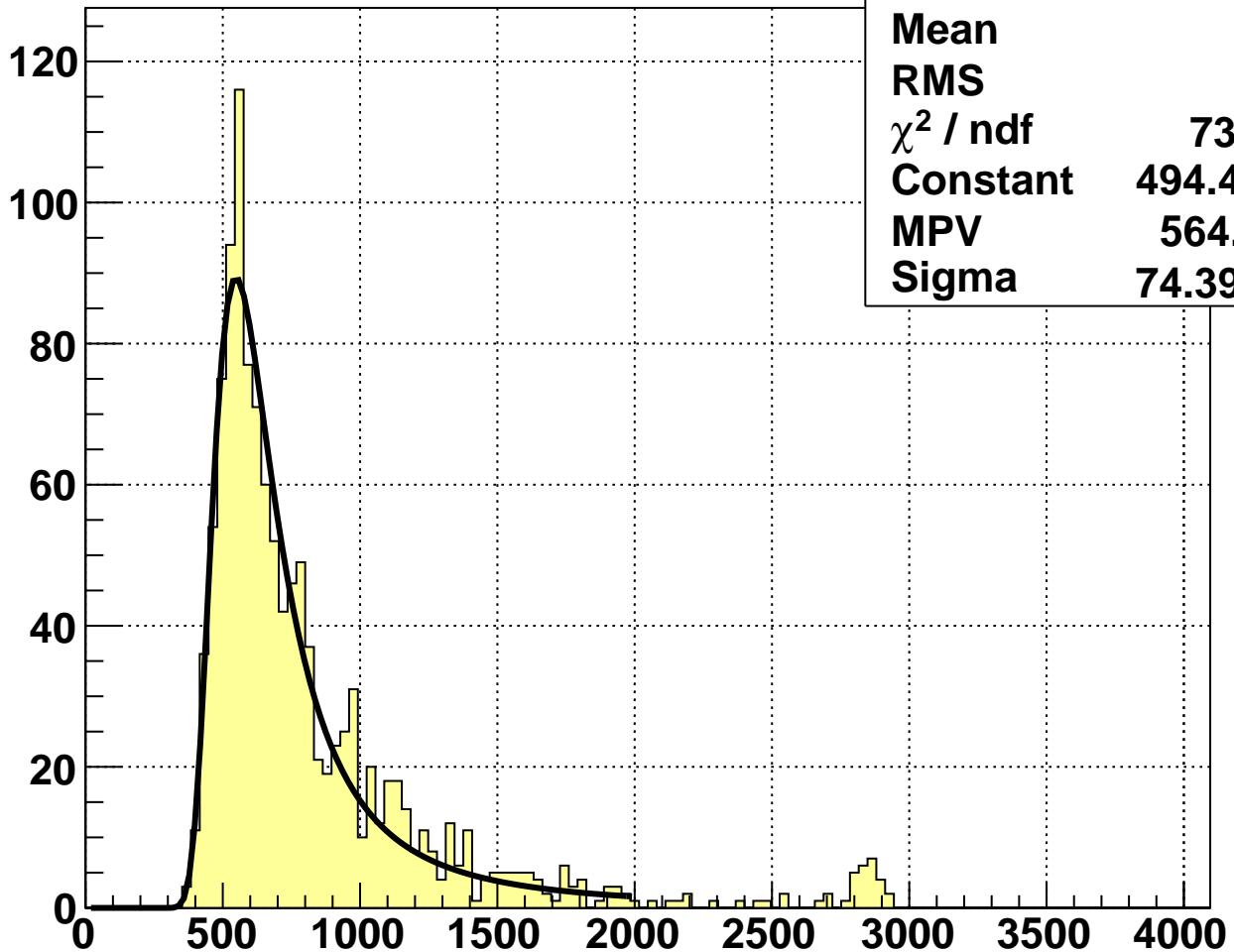




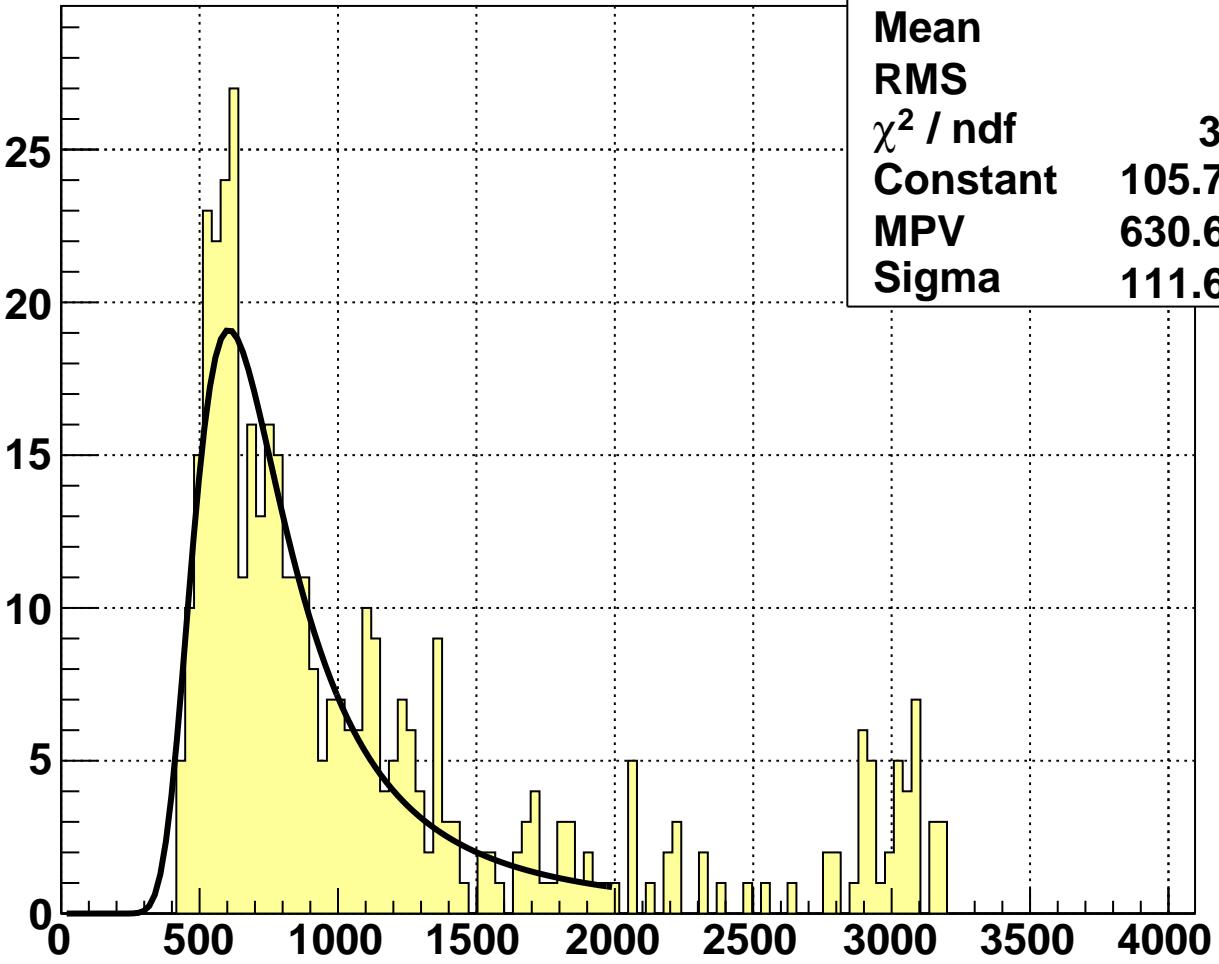
FST - MIP peak non-ZS, RDO3_ARM0_PORT1_SEC0

nonZS_Section_26

Entries	1193
Mean	828.2
RMS	461.1
χ^2 / ndf	73.73 / 48
Constant	494.4 ± 22.8
MPV	564.5 ± 5.0
Sigma	74.39 ± 2.79

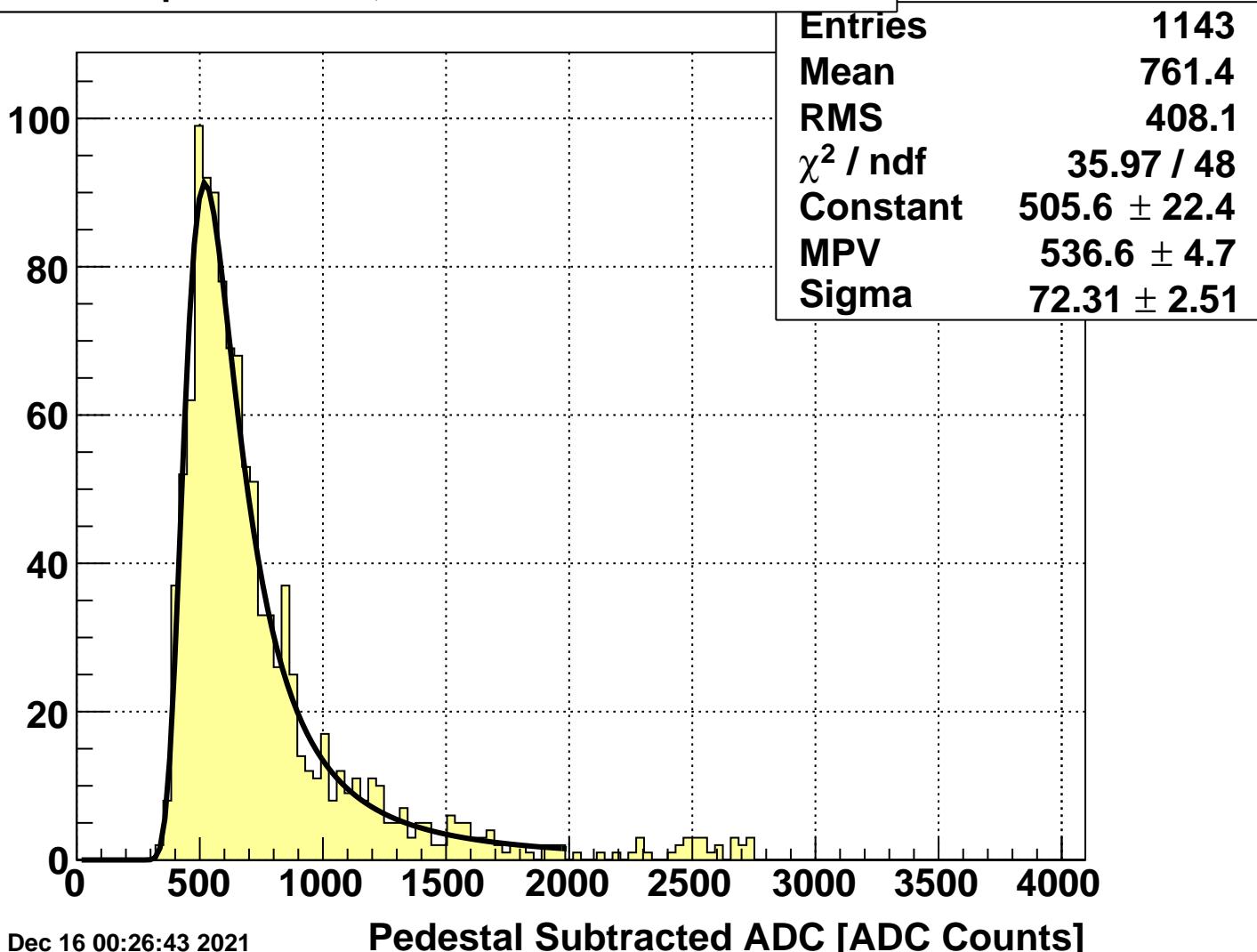


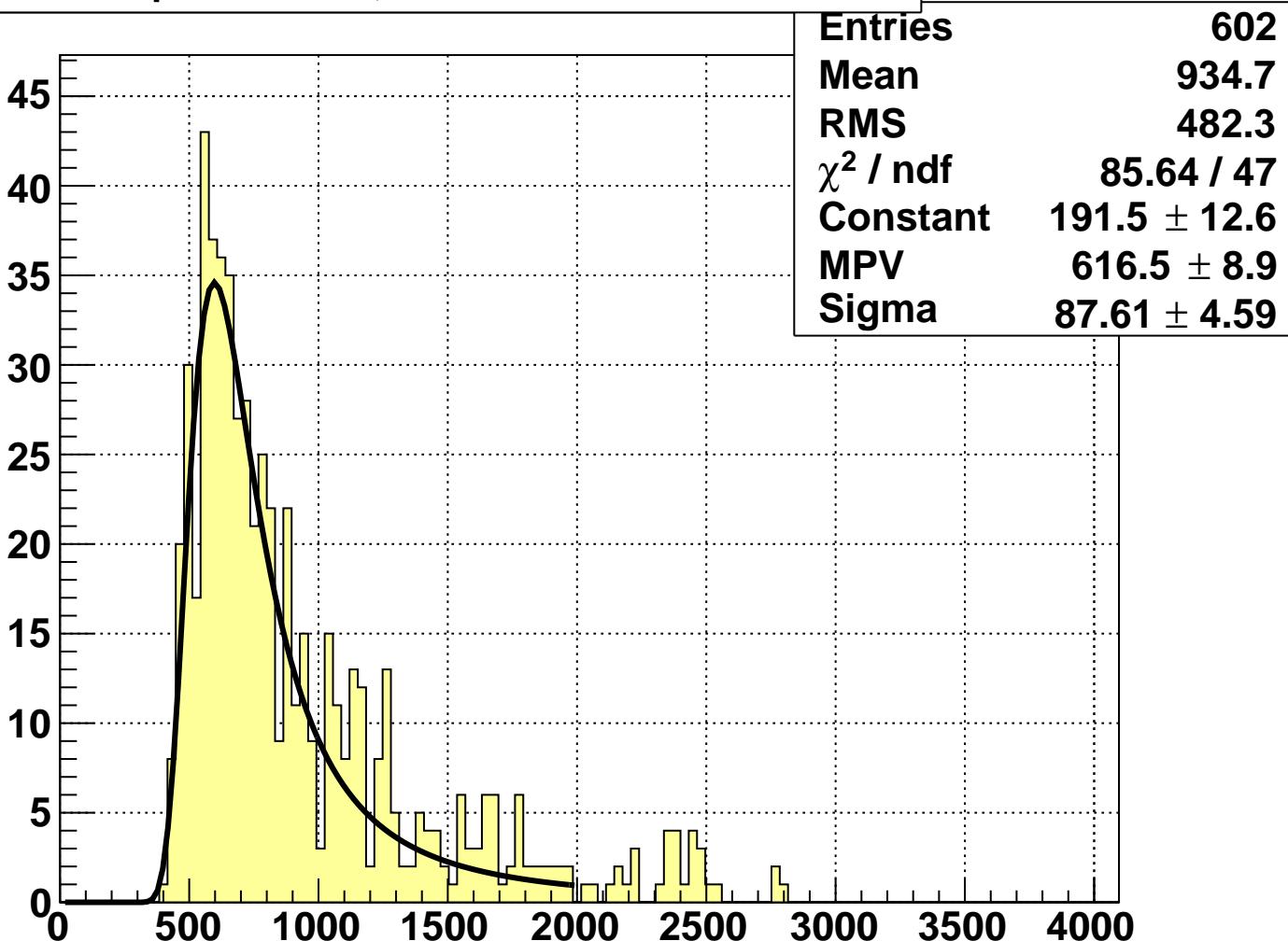
Entries	418
Mean	1138
RMS	749.6
χ^2 / ndf	35.8 / 45
Constant	105.7 ± 10.0
MPV	630.6 ± 14.6
Sigma	111.6 ± 10.7



FST - MIP peak non-ZS, RDO3_ARM1_PORT0_SEC0

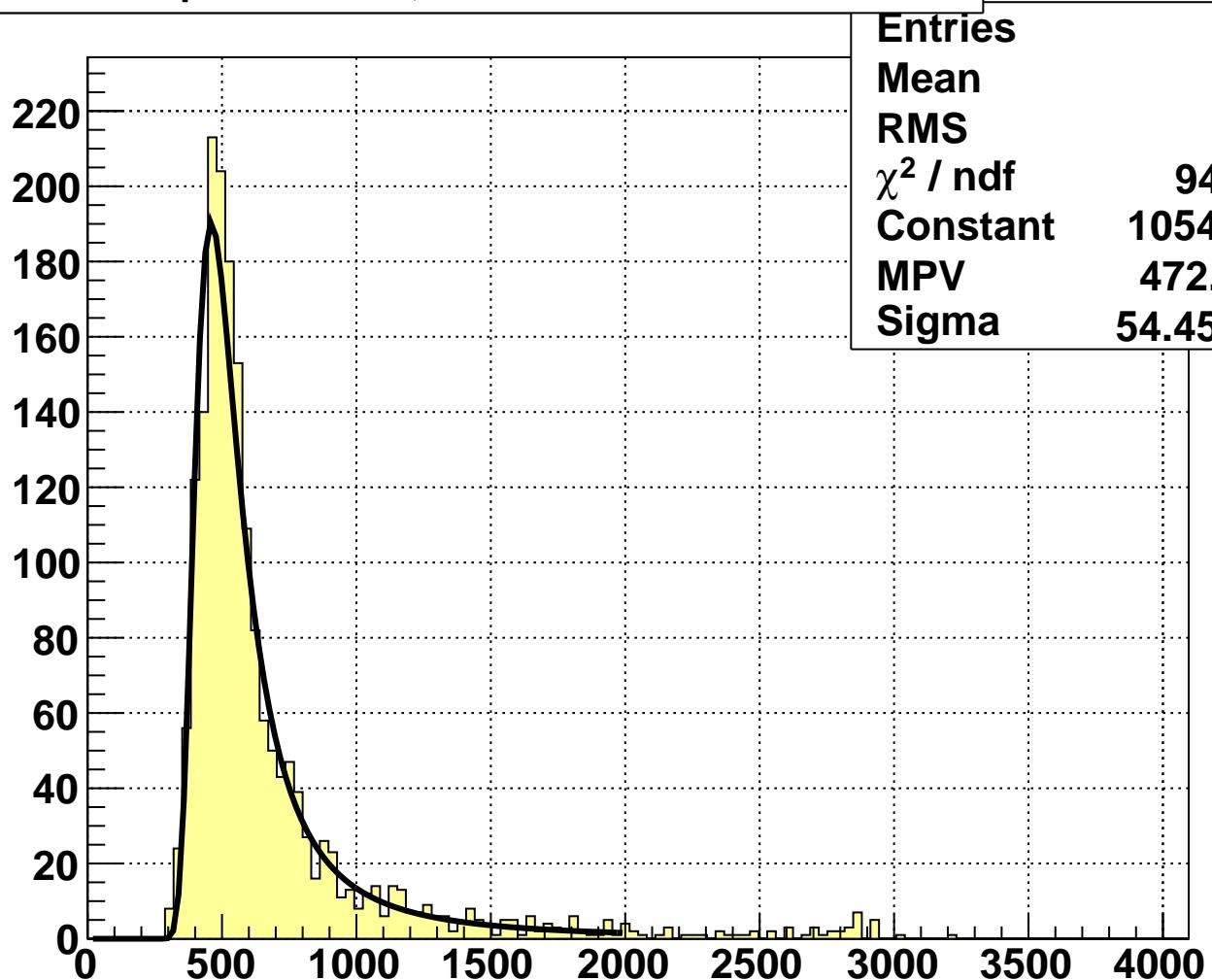
nonZS_Section_28





FST - MIP peak non-ZS, RDO3_ARM1_PORT1_SEC0

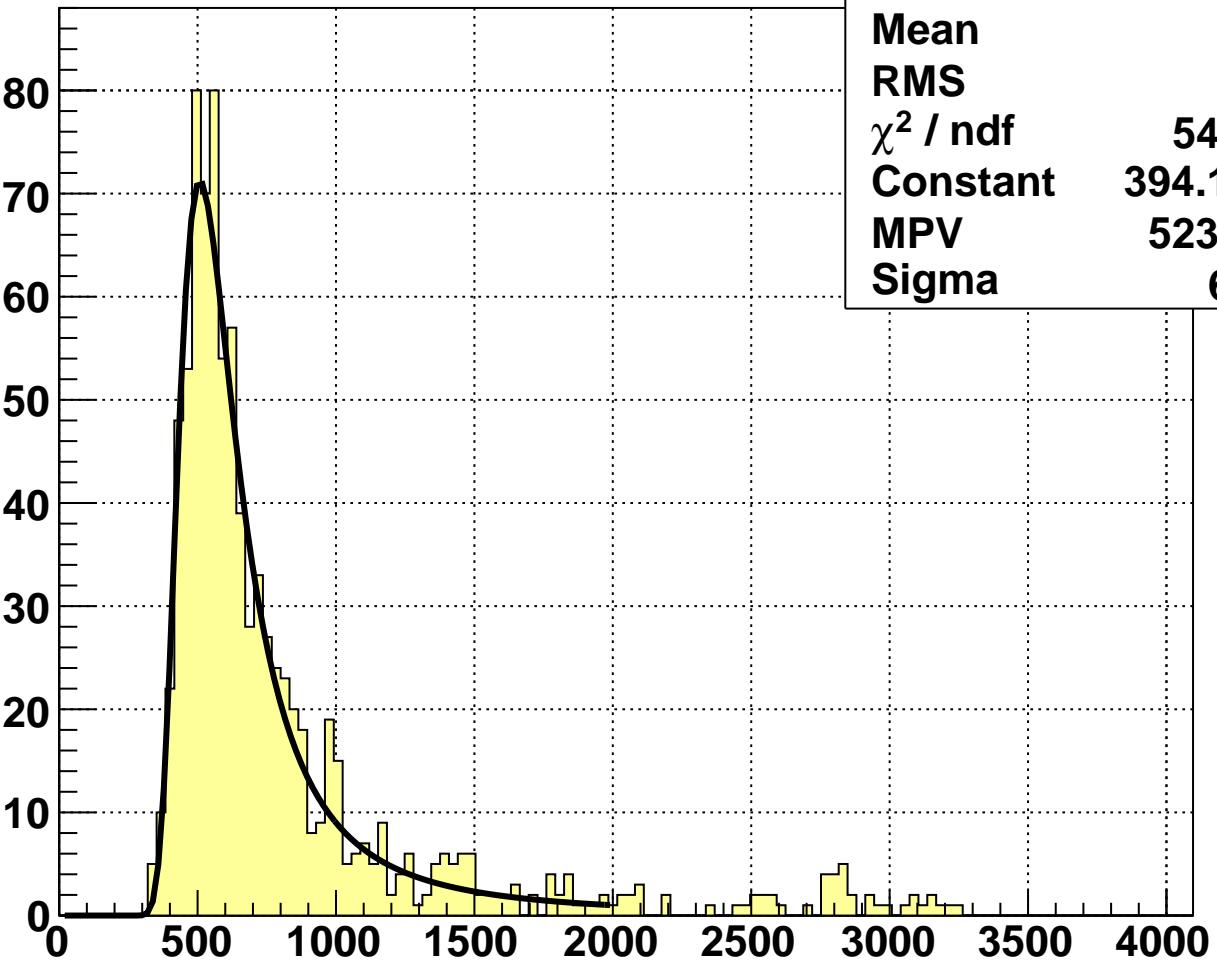
nonZS_Section_30

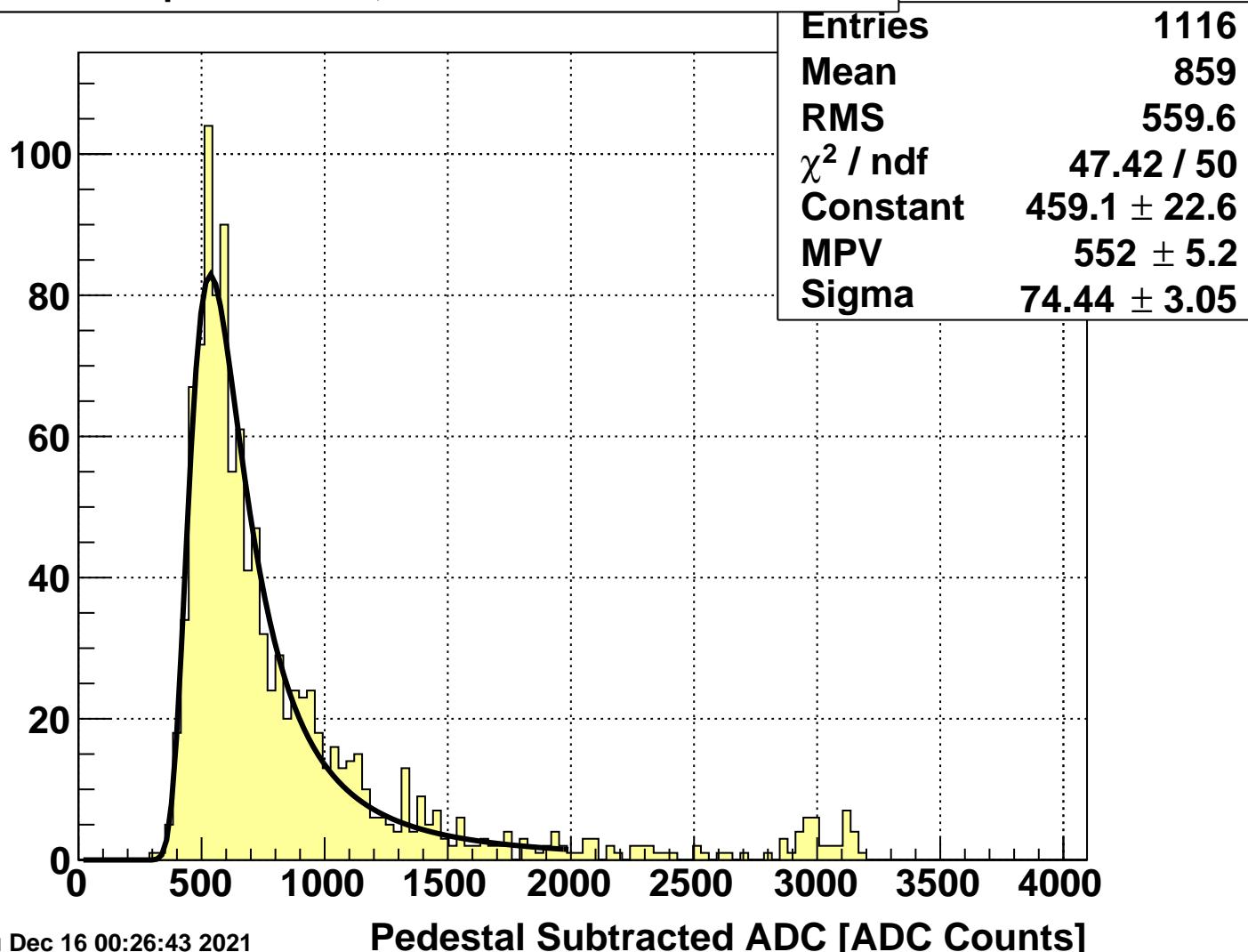


FST - MIP peak non-ZS, RDO3_ARM1_PORT1_SEC1

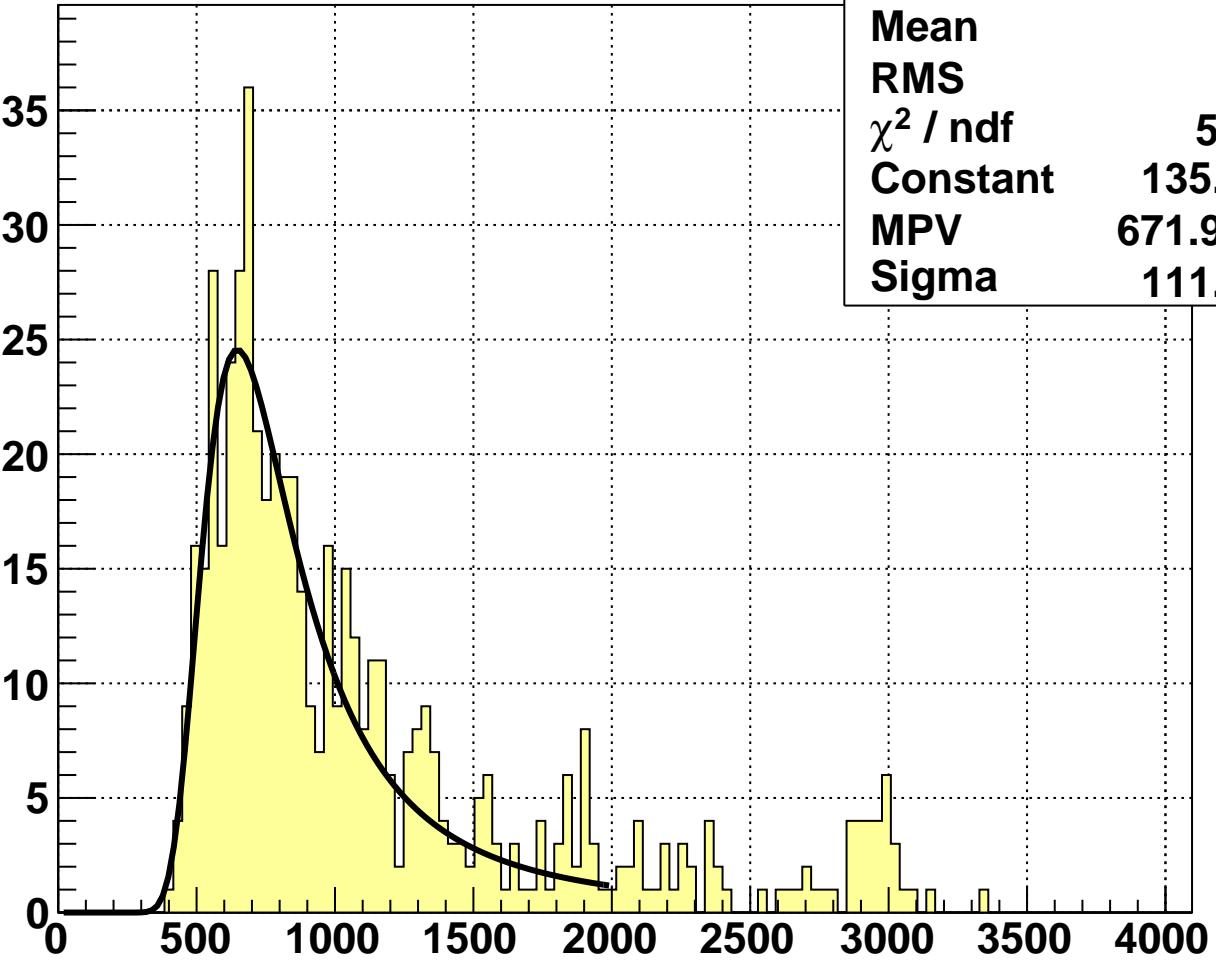
nonZS_Section_31

Entries	894
Mean	817.8
RMS	543.2
χ^2 / ndf	54.69 / 48
Constant	394.1 ± 21.8
MPV	523.5 ± 5.1
Sigma	68 ± 3.1





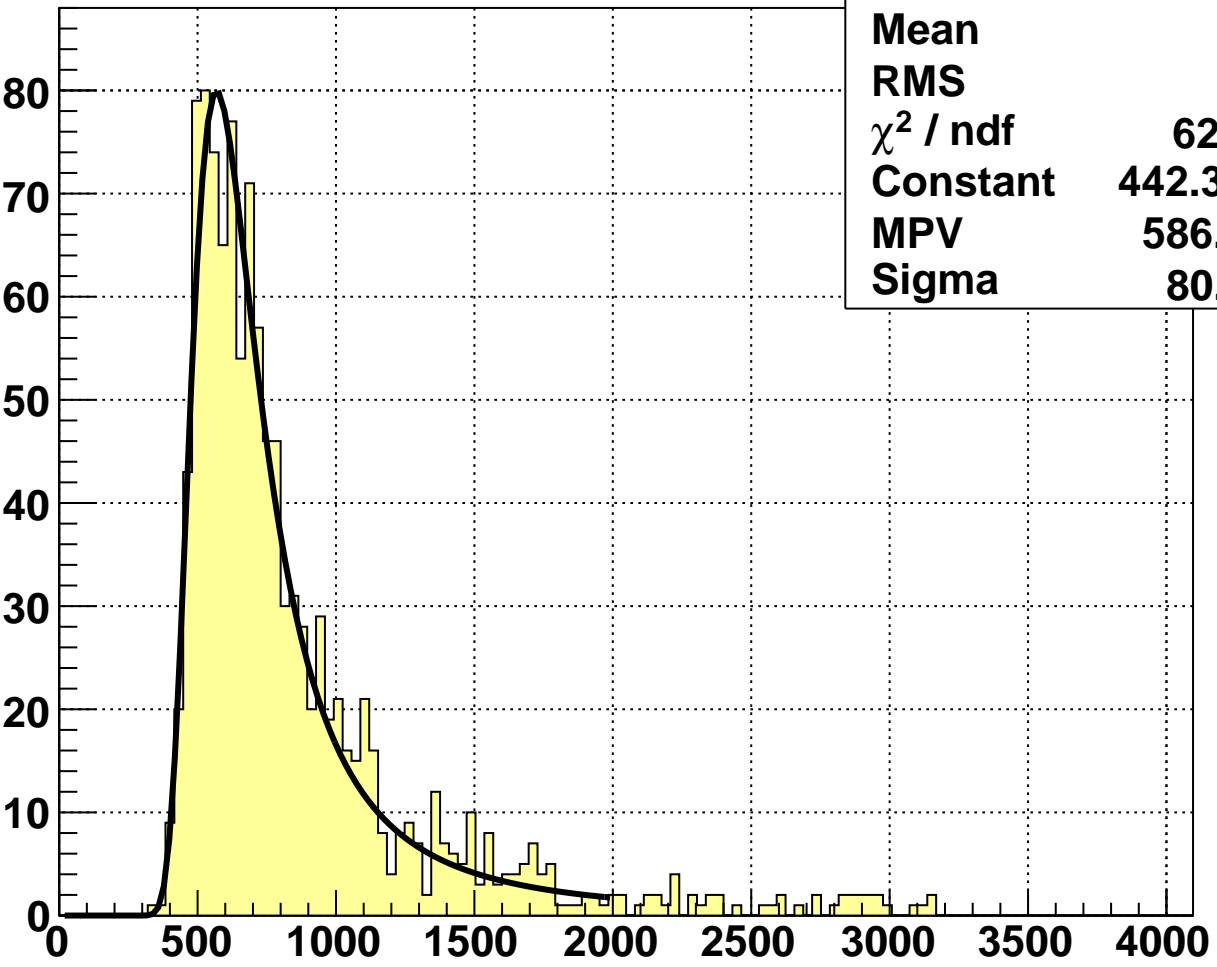
Entries	550
Mean	1122
RMS	659.3
χ^2 / ndf	58.6 / 48
Constant	135.9 ± 9.6
MPV	671.9 ± 12.2
Sigma	111.5 ± 6.7



FST - MIP peak non-ZS, RDO3_ARM2_PORT1_SEC0

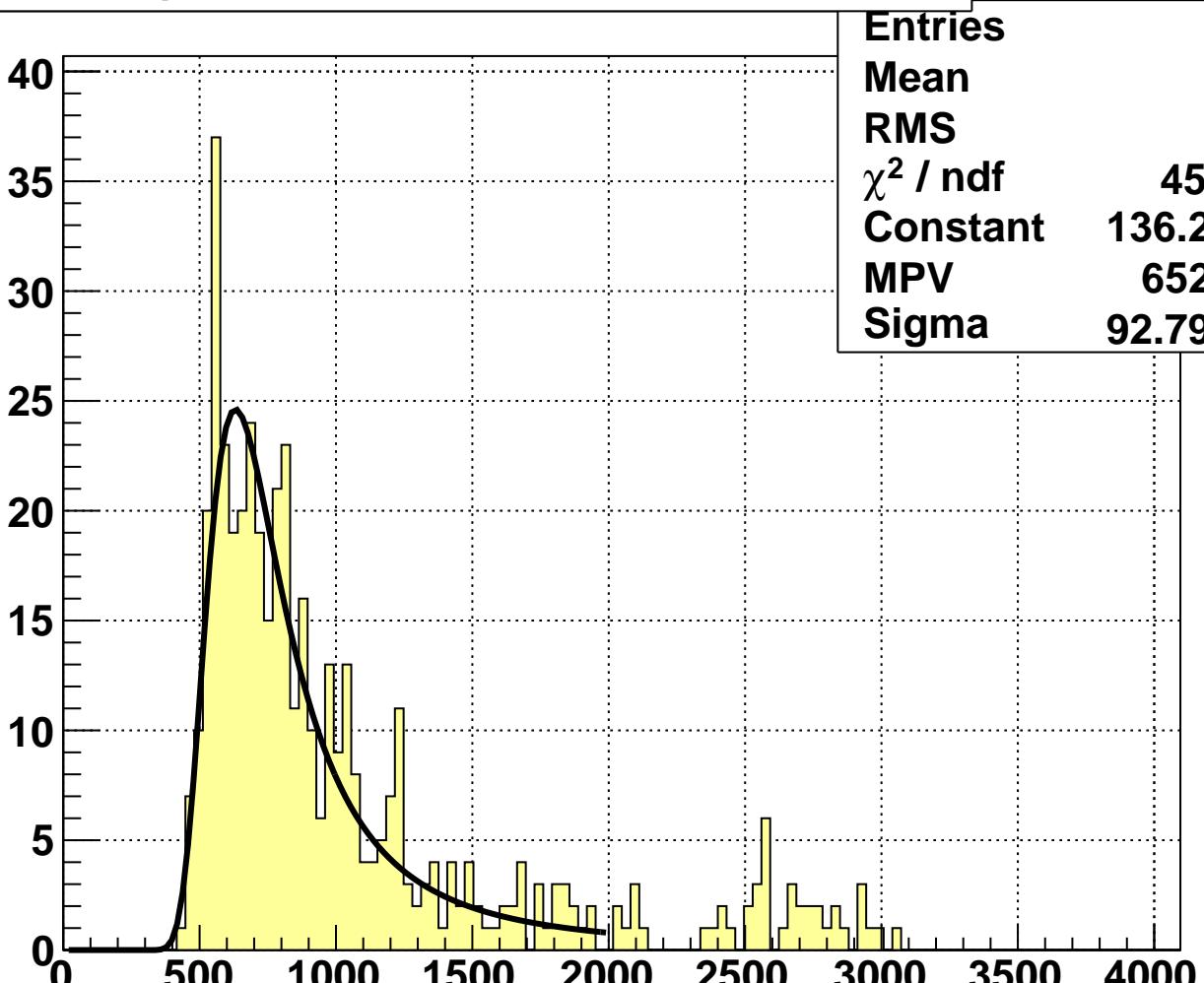
nonZS_Section_34

Entries	1143
Mean	854.8
RMS	463
χ^2 / ndf	62.23 / 50
Constant	442.3 ± 20.0
MPV	586.3 ± 5.6
Sigma	80.2 ± 2.9



FST - MIP peak non-ZS, RDO3_ARM2_PORT1_SEC1

nonZS_Section_35

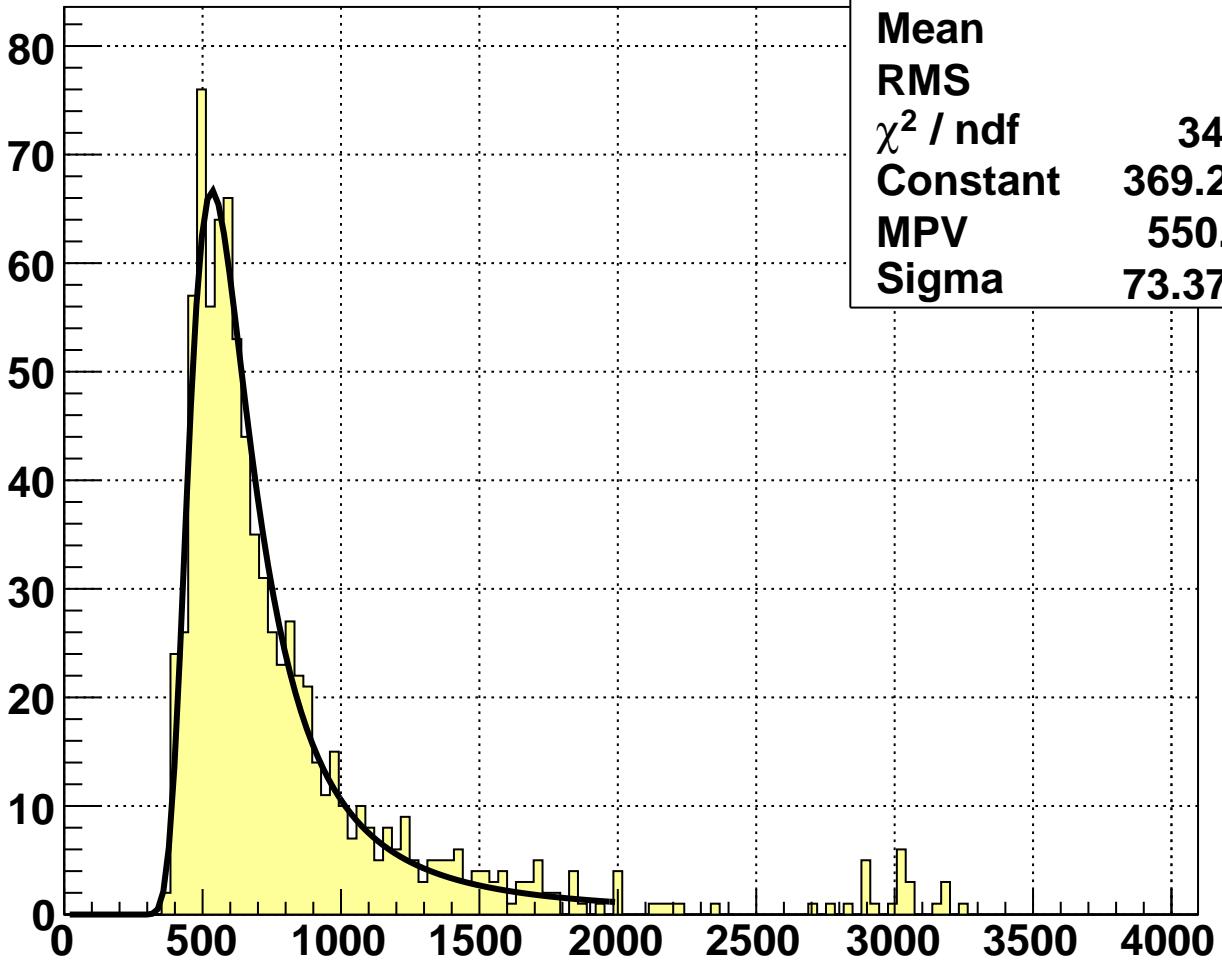


Entries	449
Mean	1032
RMS	601.7
χ^2 / ndf	45.34 / 44
Constant	136.2 ± 10.7
MPV	652 ± 11.7
Sigma	92.79 ± 6.16

FST - MIP peak non-ZS, RDO4_ARM0_PORT0_SEC0

nonZS_Section_36

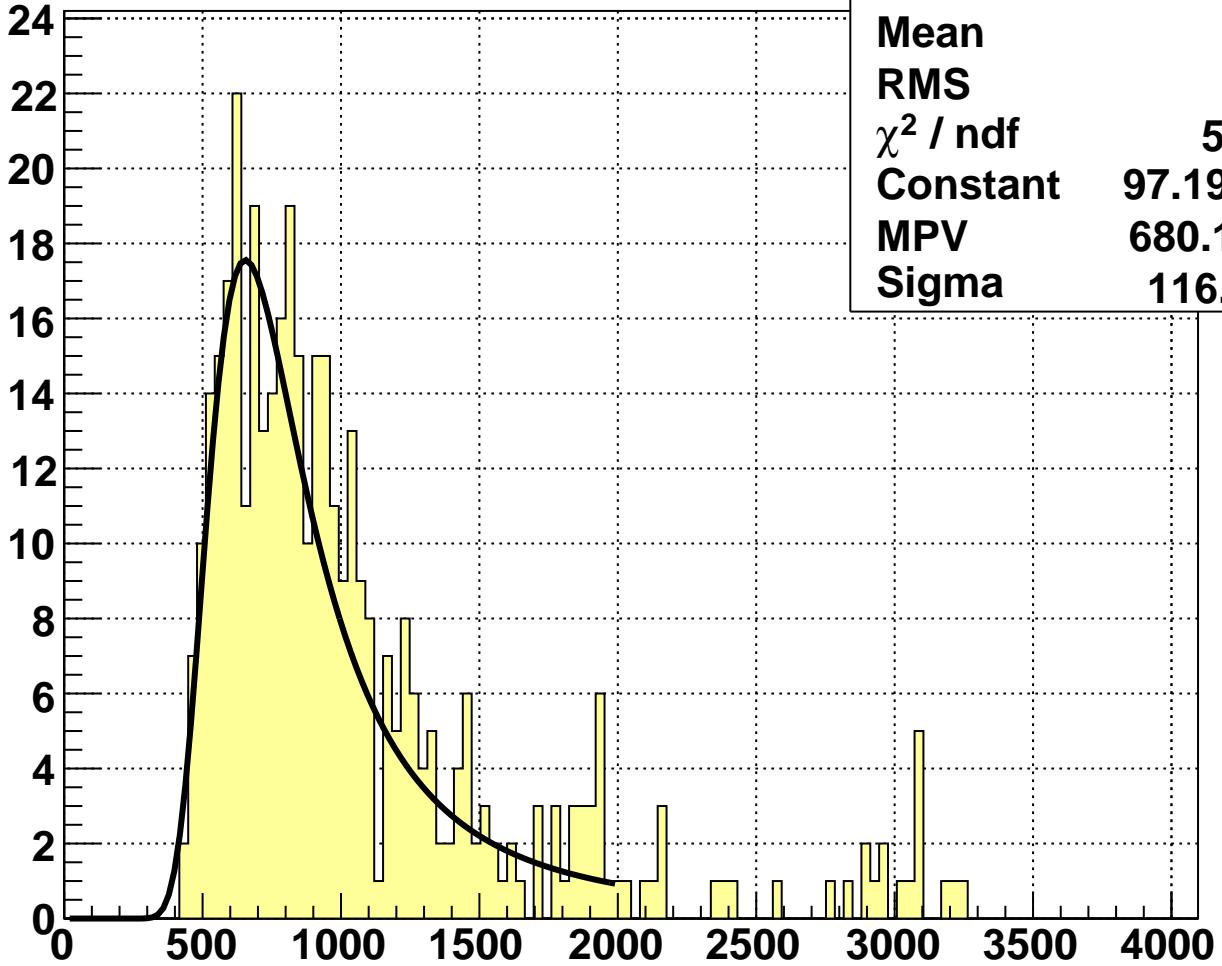
Entries	858
Mean	814.5
RMS	497.7
χ^2 / ndf	34.99 / 46
Constant	369.2 ± 19.5
MPV	550.5 ± 5.9
Sigma	73.37 ± 3.12



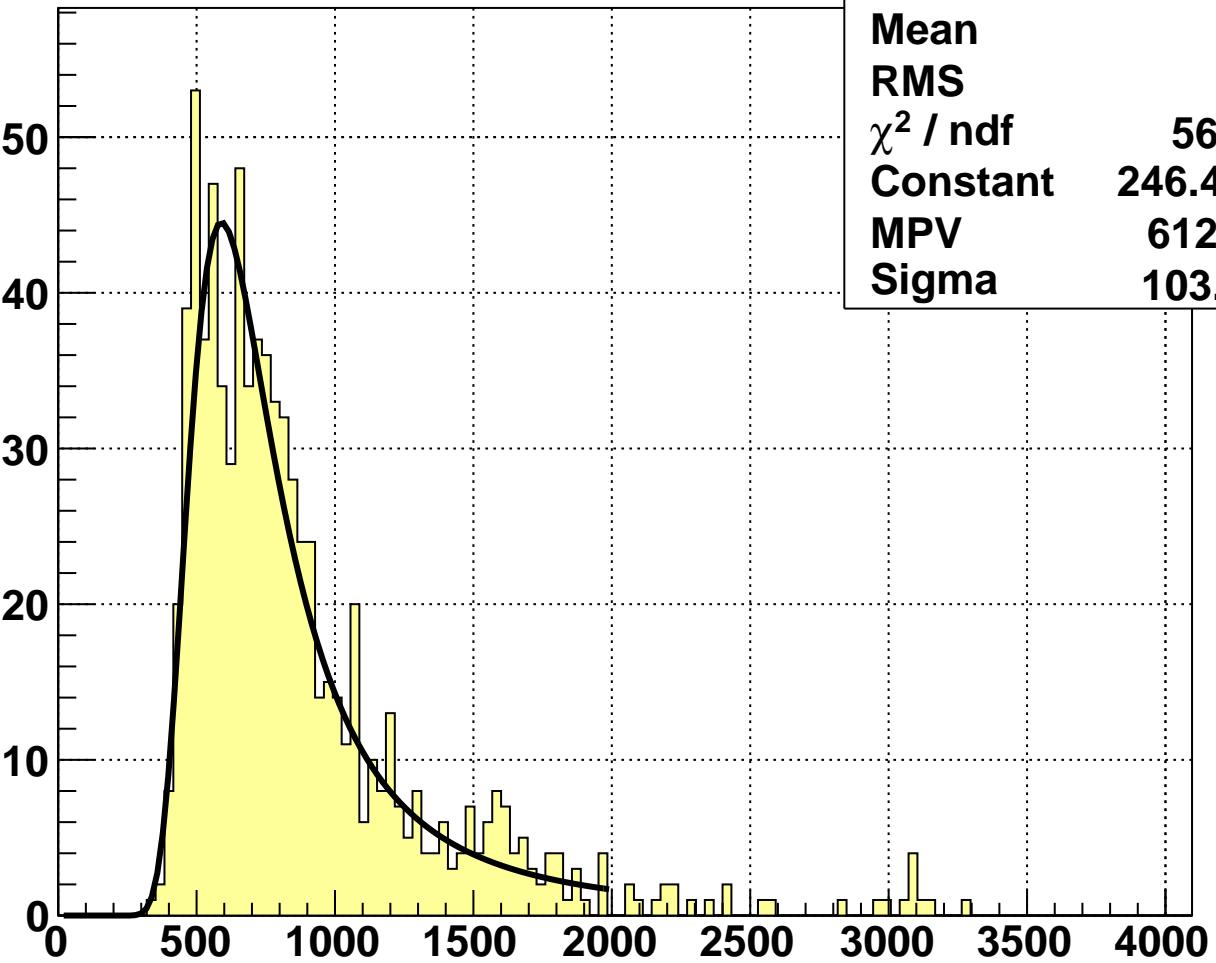
FST - MIP peak non-ZS, RDO4_ARM0_PORT0_SEC1

nonZS_Section_37

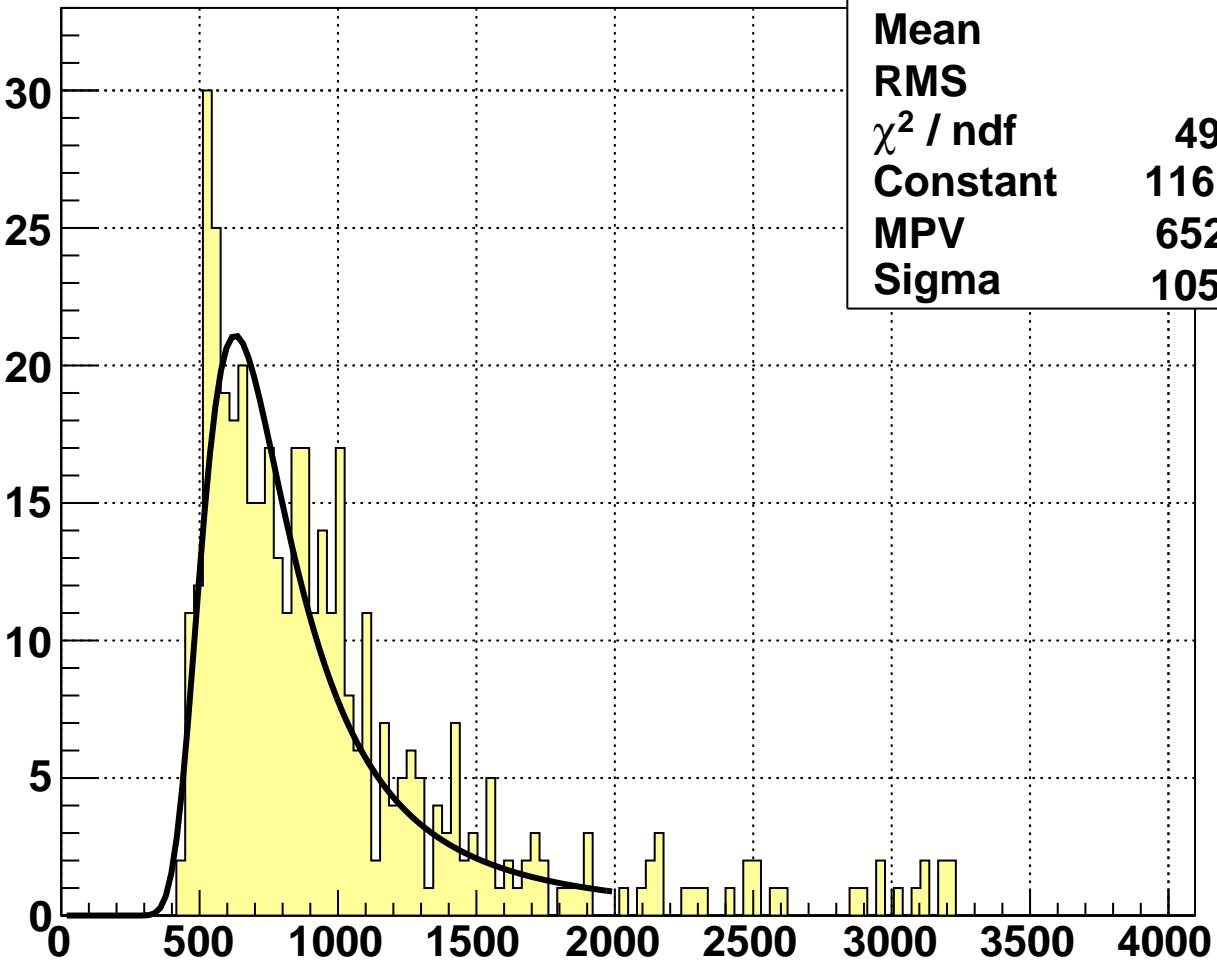
Entries	396
Mean	1055
RMS	584
χ^2 / ndf	55.8 / 45
Constant	97.19 ± 8.09
MPV	680.1 ± 14.8
Sigma	116.6 ± 8.6



Entries	806
Mean	882.2
RMS	465.1
χ^2 / ndf	56.44 / 48
Constant	246.4 ± 13.2
MPV	612.9 ± 9.1
Sigma	103.4 ± 4.5



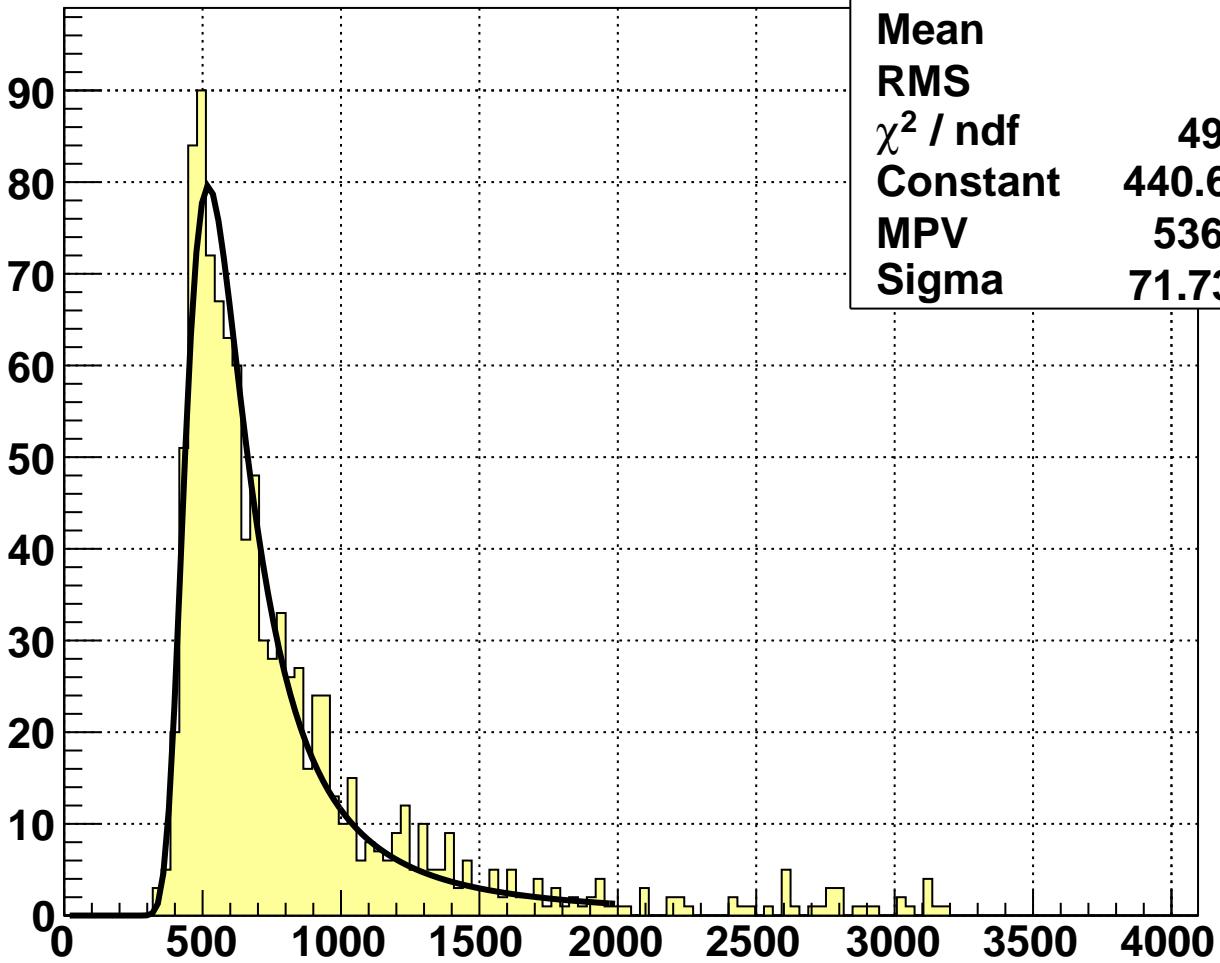
Entries	422
Mean	990.5
RMS	555.1
χ^2 / ndf	49.98 / 43
Constant	116.8 ± 9.7
MPV	652 ± 13.7
Sigma	105.1 ± 7.8



FST - MIP peak non-ZS, RDO4_ARM1_PORT0_SEC0

nonZS_Section_40

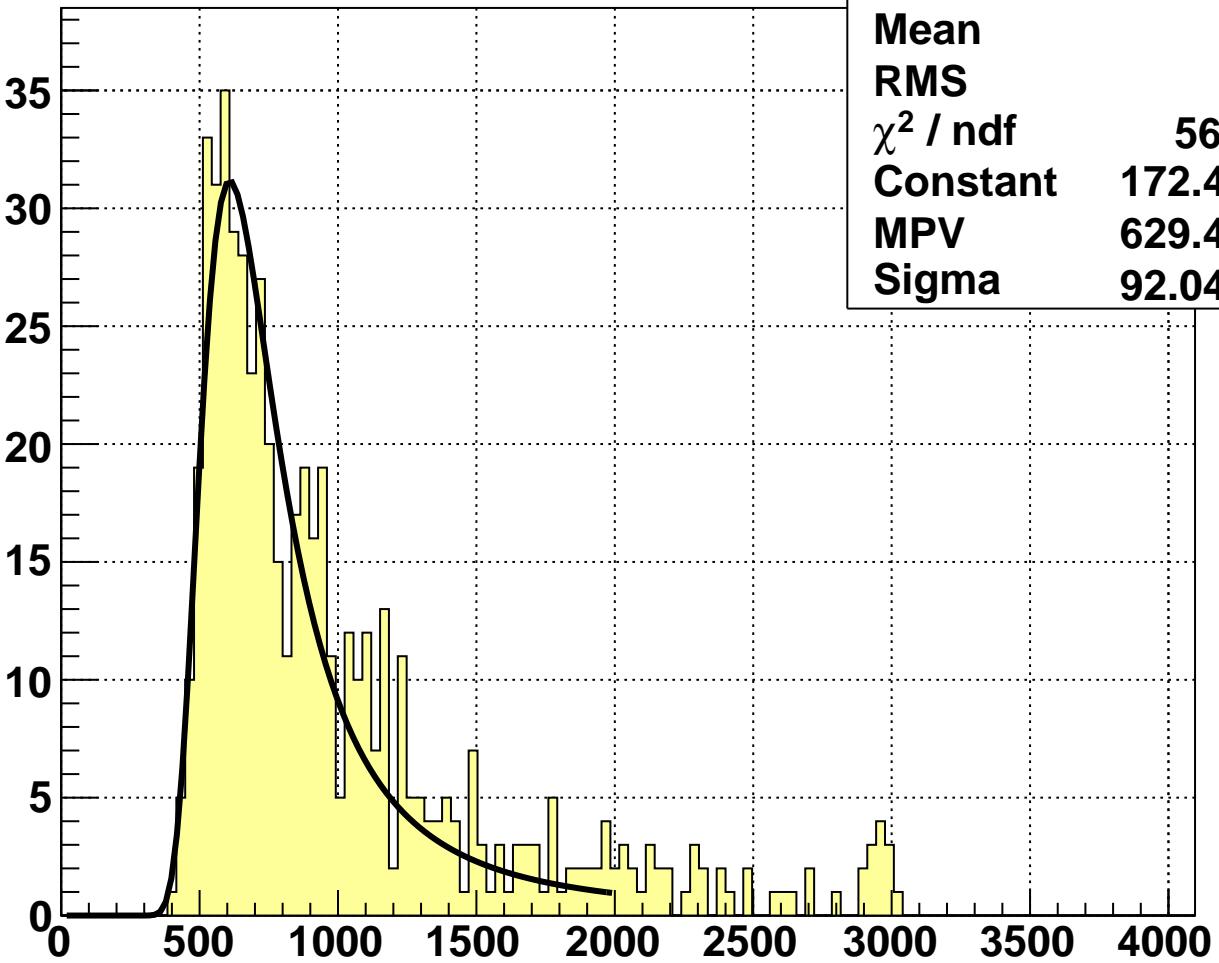
Entries	1023
Mean	808.7
RMS	488.6
χ^2 / ndf	49.37 / 50
Constant	440.6 ± 23.0
MPV	536.1 ± 5.5
Sigma	71.73 ± 3.11



FST - MIP peak non-ZS, RDO4_ARM1_PORT0_SEC1

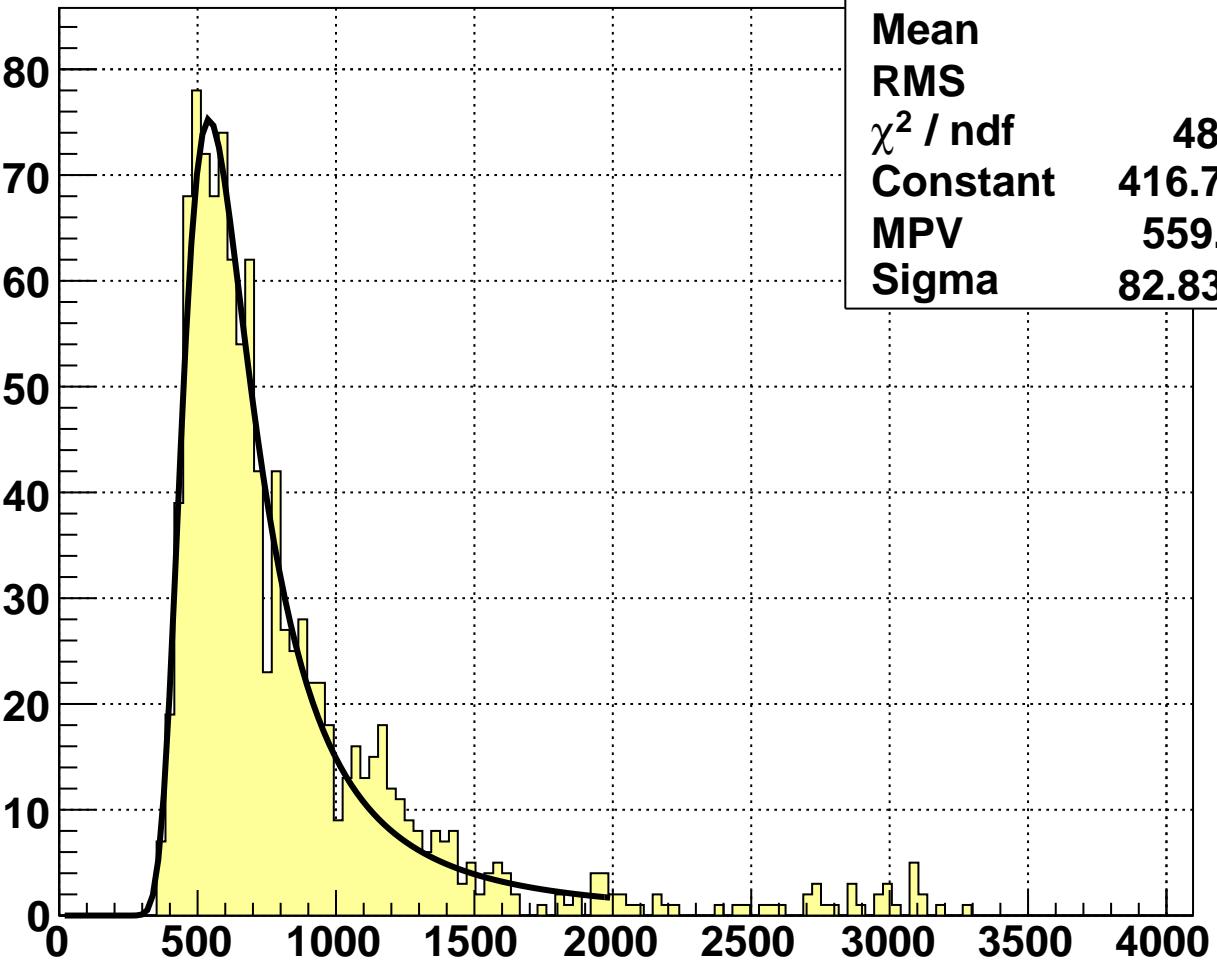
nonZS_Section_41

Entries	557
Mean	1000
RMS	562.5
χ^2 / ndf	56.23 / 48
Constant	172.4 ± 12.5
MPV	629.4 ± 10.3
Sigma	92.04 ± 5.66

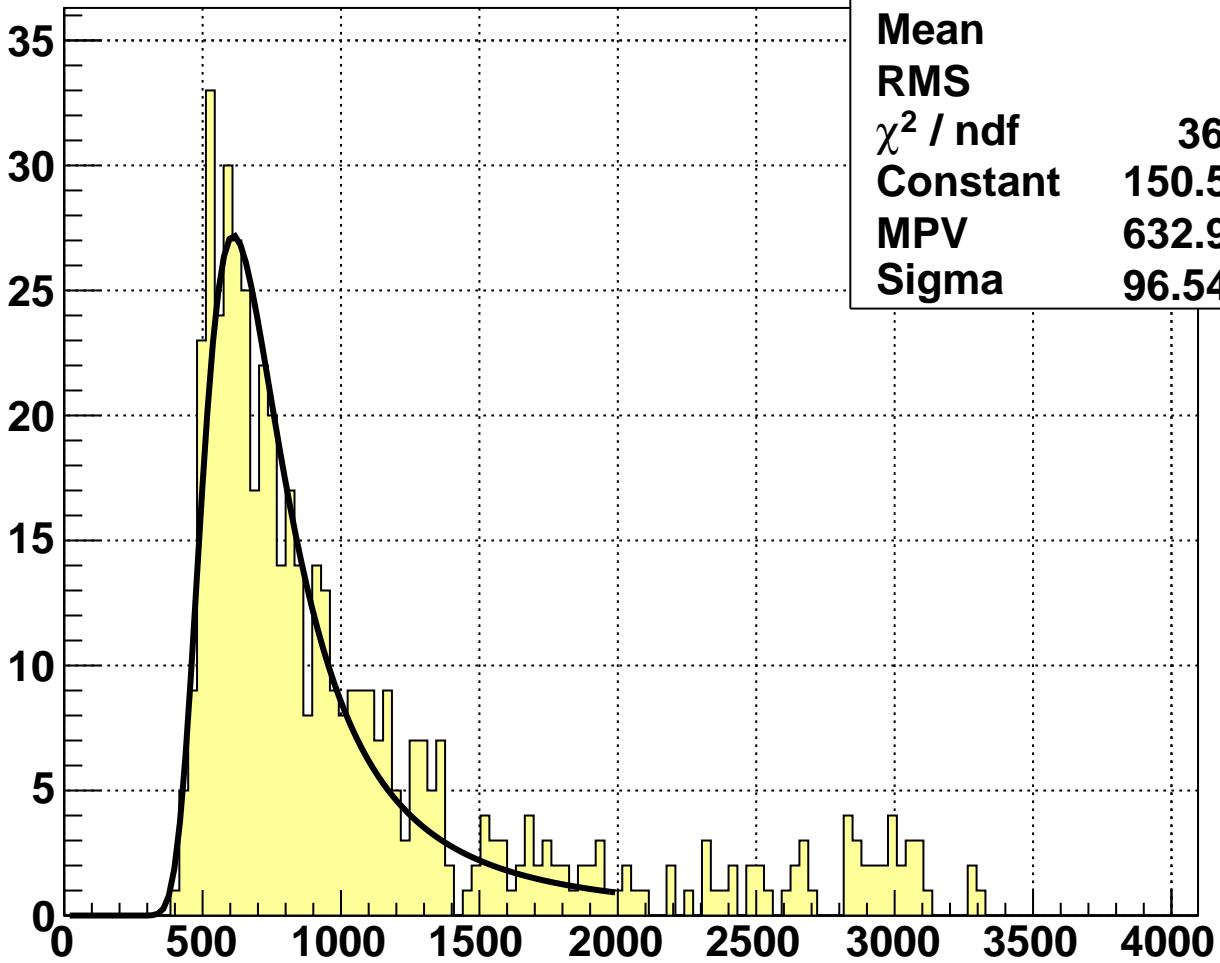


FST - MIP peak non-ZS, RDO4_ARM1_PORT1_SEC0 nonZS_Section_42

Entries	1086
Mean	828.3
RMS	482.9
χ^2 / ndf	48.82 / 45
Constant	416.7 ± 20.5
MPV	559.2 ± 5.9
Sigma	82.83 ± 3.48



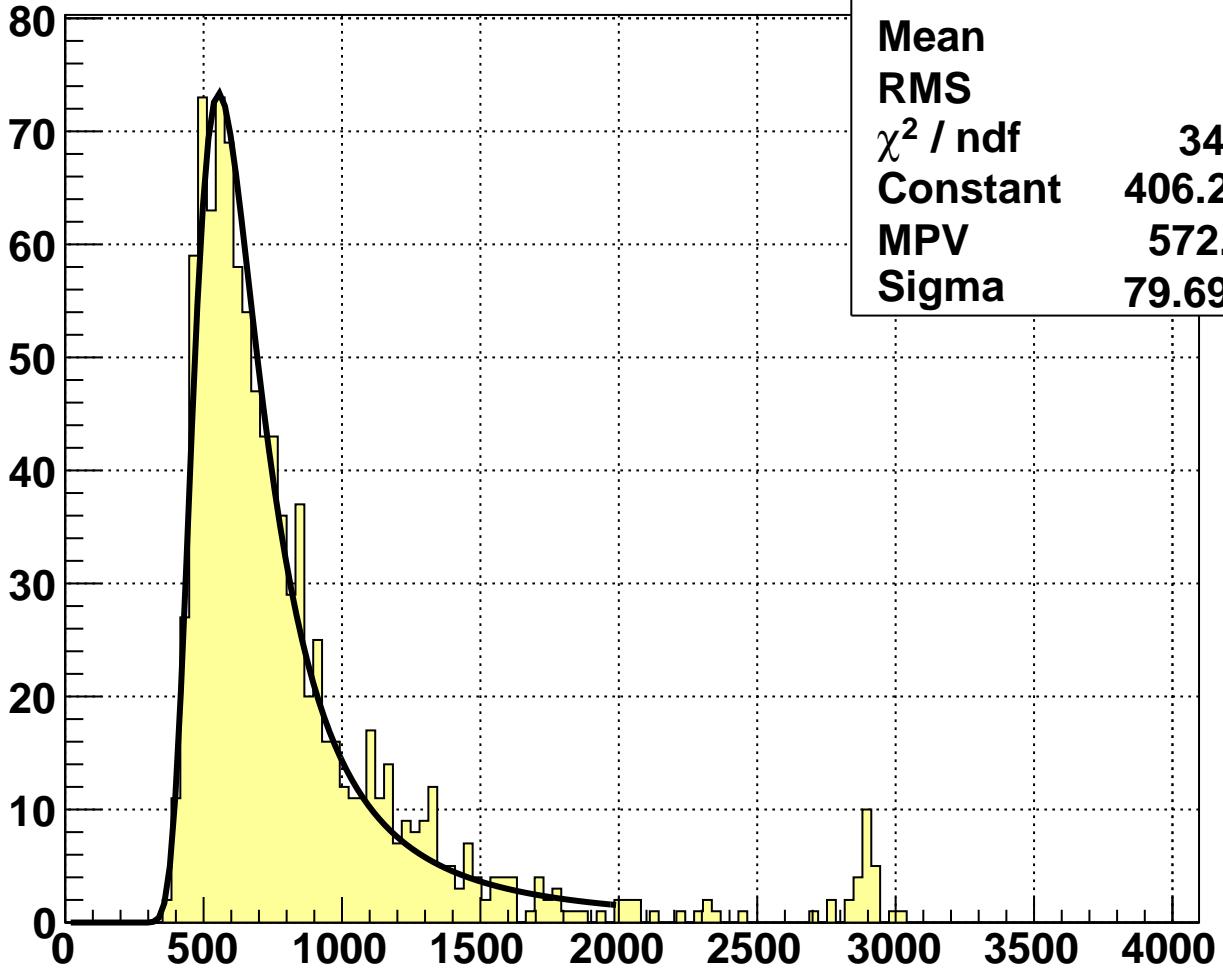
Entries	506
Mean	1063
RMS	675.9
χ^2 / ndf	36.52 / 47
Constant	150.5 ± 11.7
MPV	632.9 ± 12.0
Sigma	96.54 ± 6.57



FST - MIP peak non-ZS, RDO4_ARM2_PORT0_SEC0

nonZS_Section_44

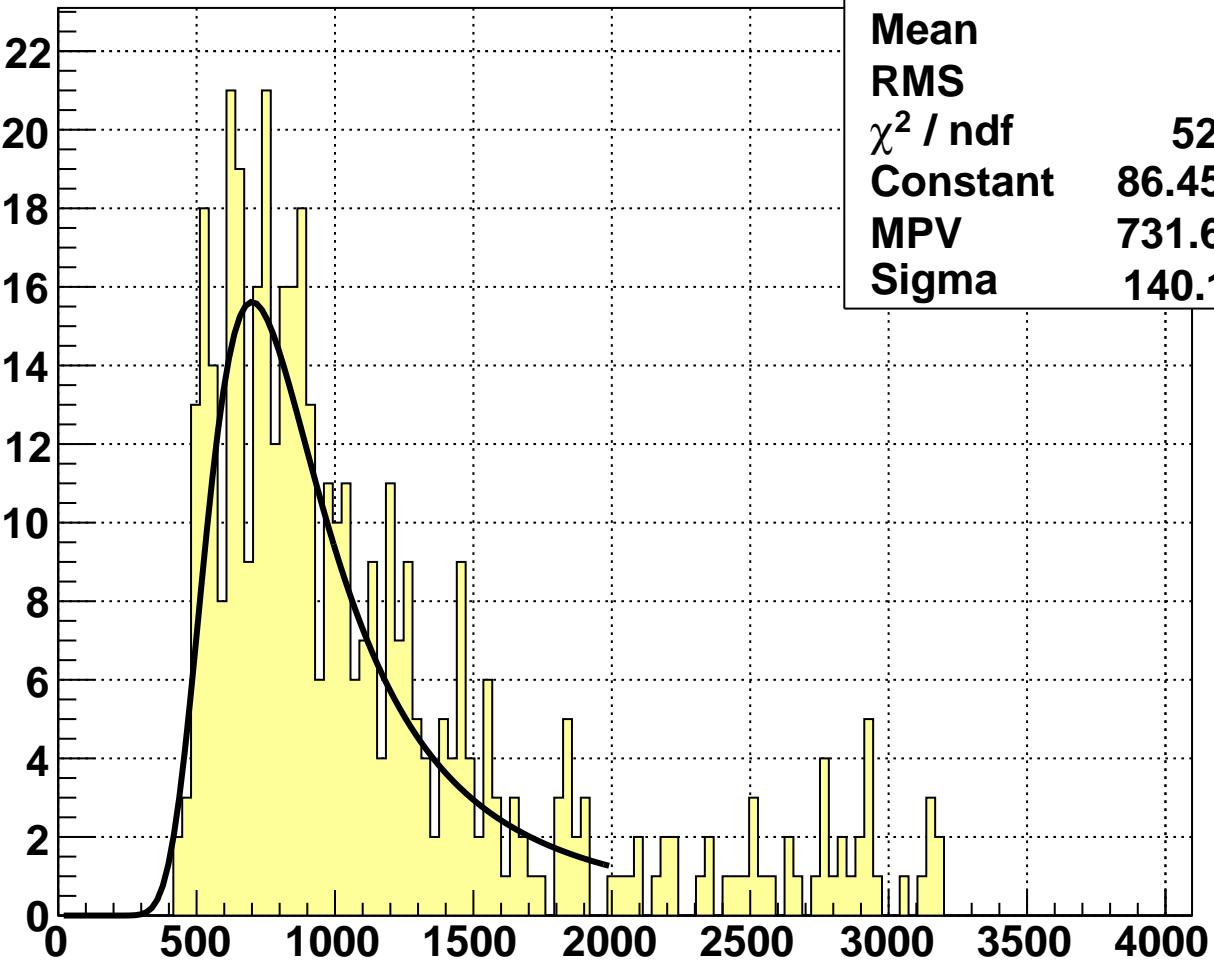
Entries	1013
Mean	830.6
RMS	466.8
χ^2 / ndf	34.42 / 46
Constant	406.2 ± 19.5
MPV	572.4 ± 5.9
Sigma	79.69 ± 3.08



FST - MIP peak non-ZS, RDO4_ARM2_PORT0_SEC1

nonZS_Section_45

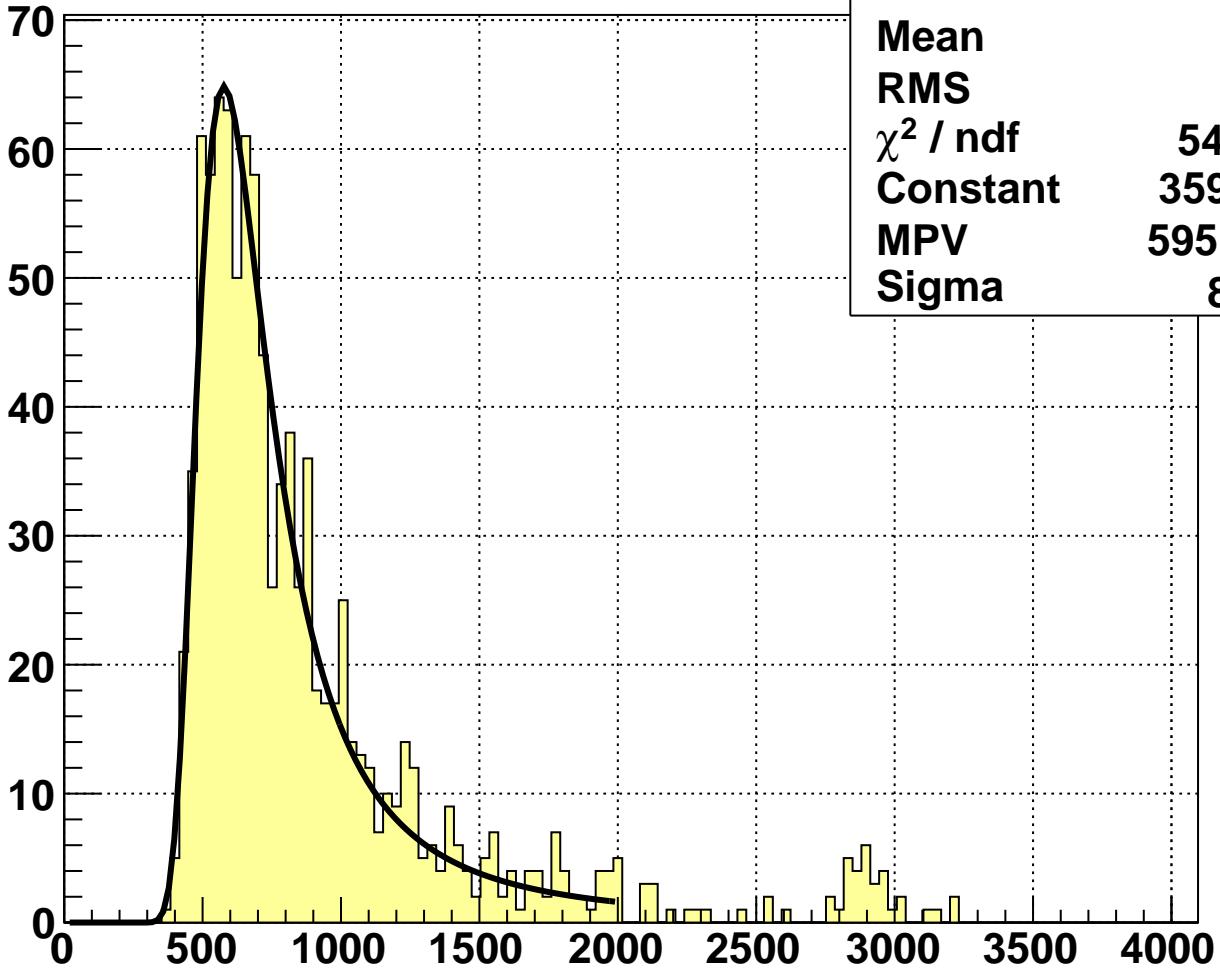
Entries	423
Mean	1137
RMS	641.1
χ^2 / ndf	52.53 / 44
Constant	86.45 ± 6.99
MPV	731.6 ± 17.8
Sigma	140.1 ± 10.5



FST - MIP peak non-ZS, RDO4_ARM2_PORT1_SEC0

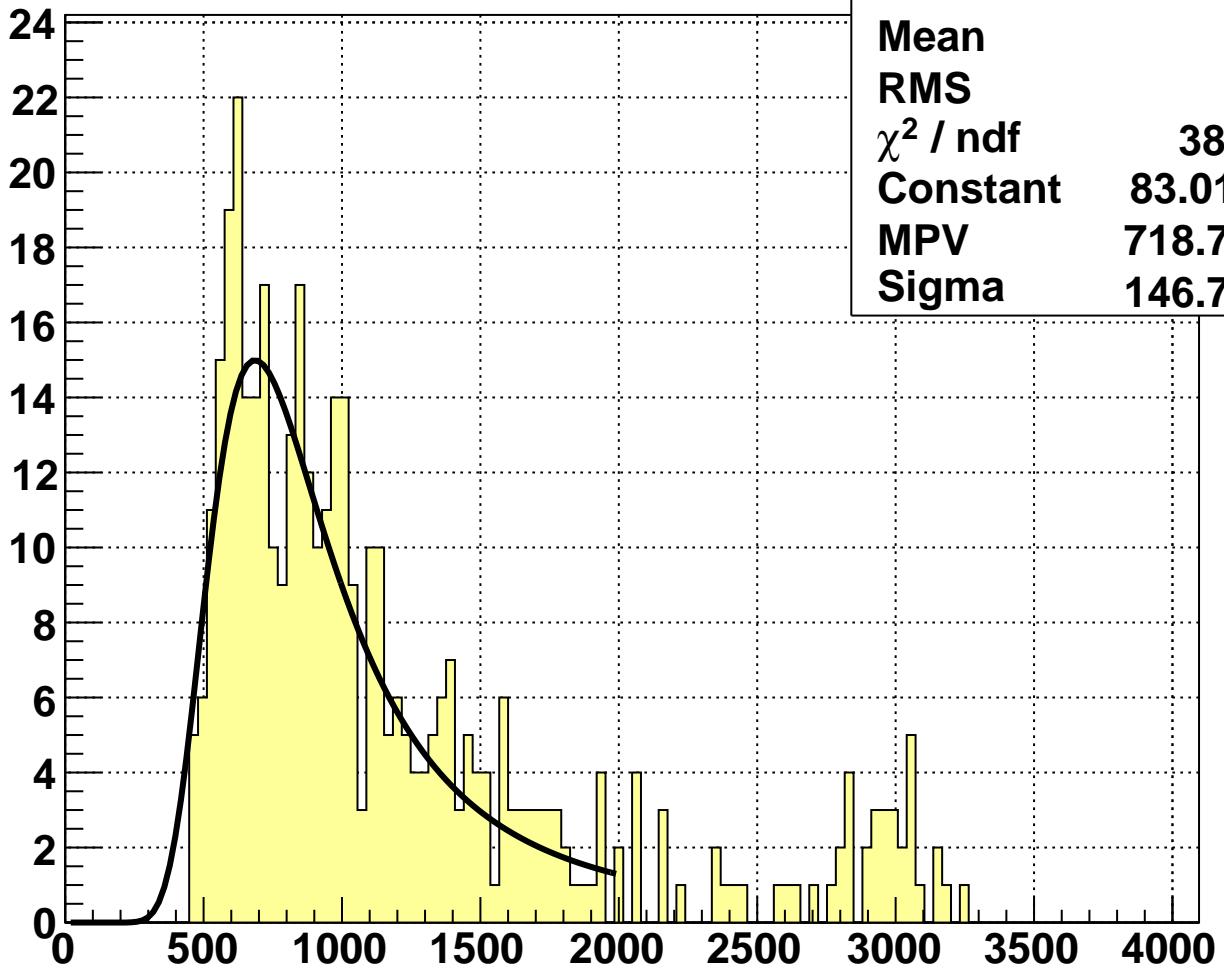
nonZS_Section_46

Entries	989
Mean	900.7
RMS	526.3
χ^2 / ndf	54.88 / 49
Constant	359 ± 17.7
MPV	595.7 ± 6.6
Sigma	85 ± 3.4



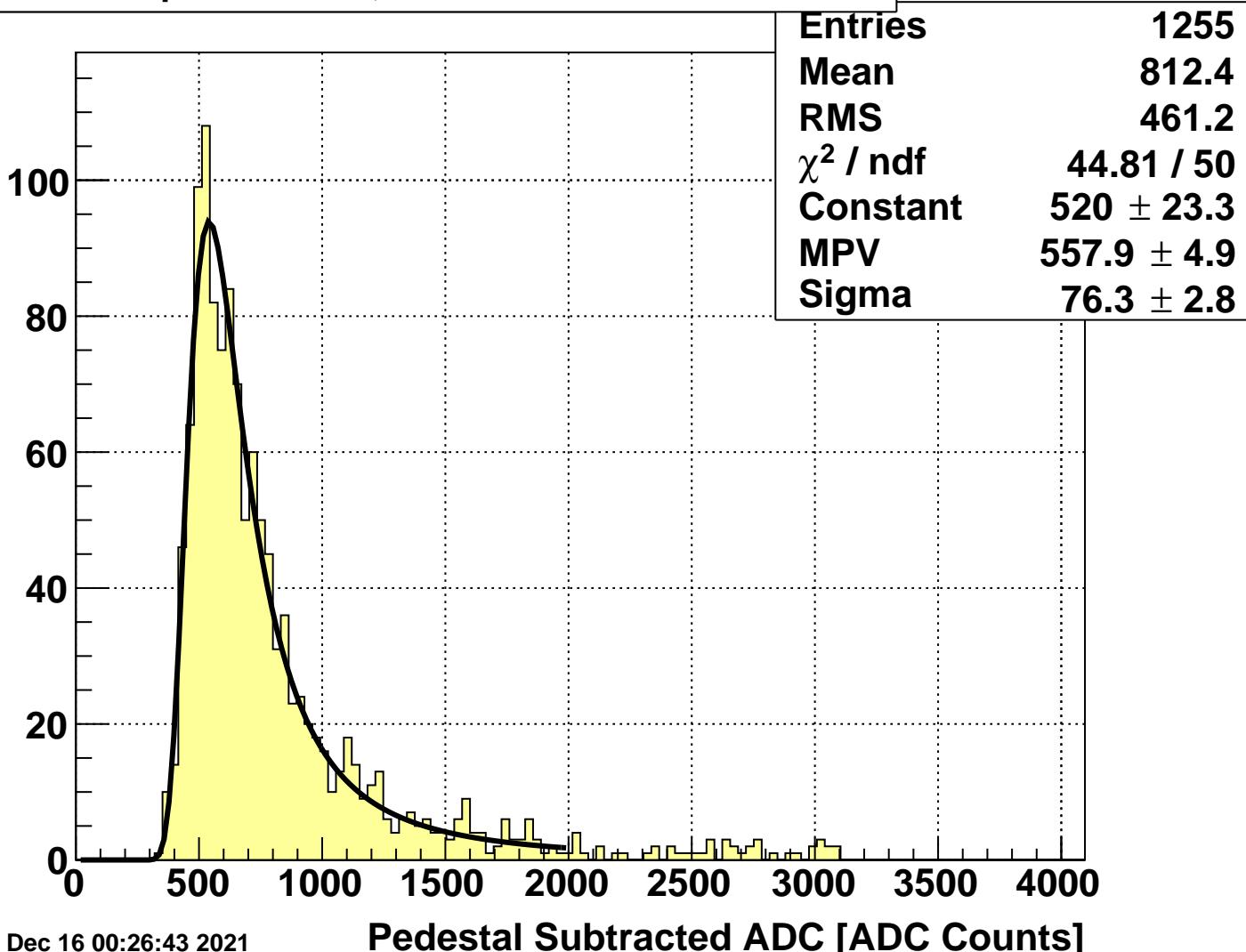
FST - MIP peak non-ZS, RDO4_ARM2_PORT1_SEC1 nonZS_Section_47

Entries	406
Mean	1175
RMS	674.1
χ^2 / ndf	38.58 / 45
Constant	83.01 ± 7.48
MPV	718.7 ± 19.5
Sigma	146.7 ± 14.0

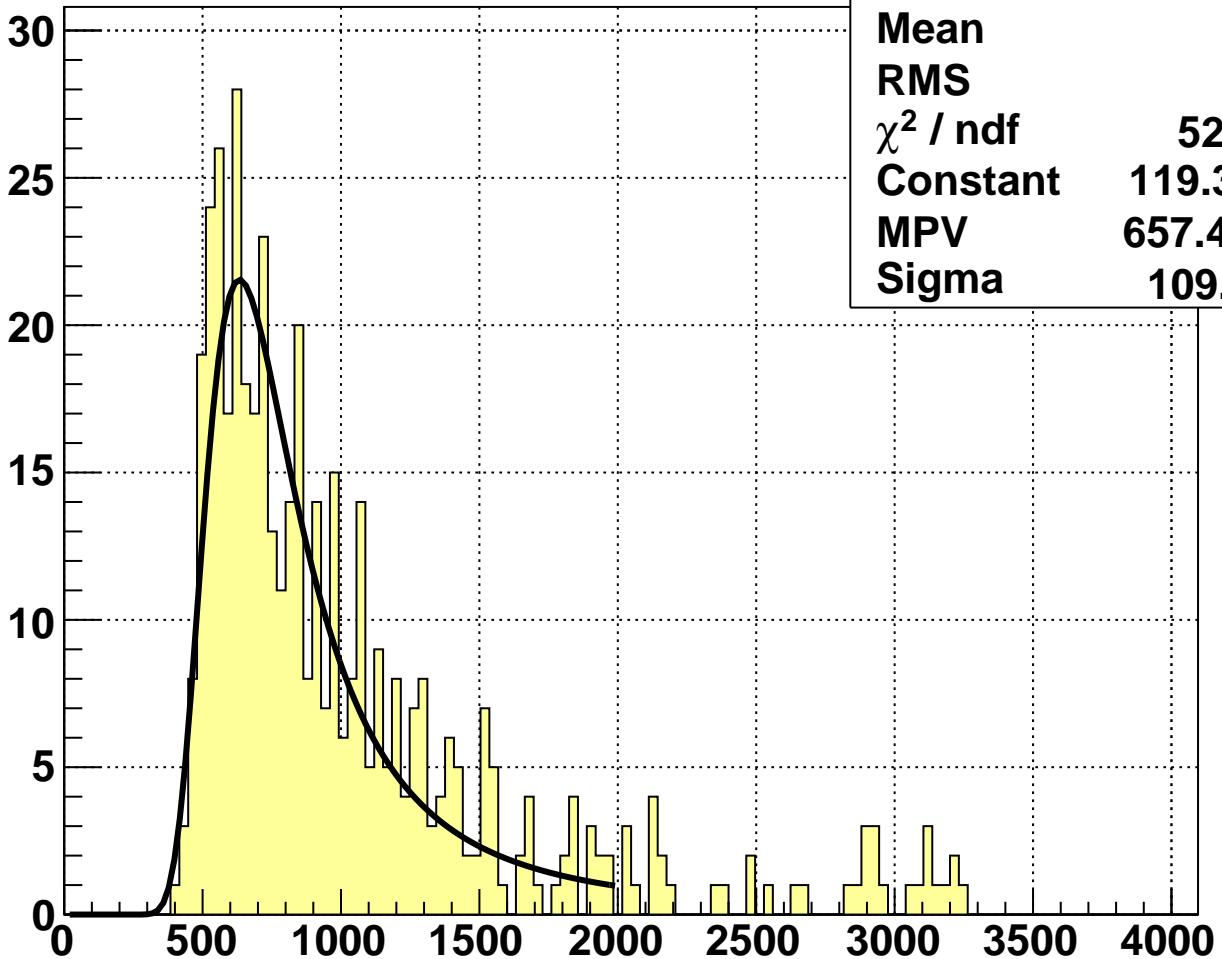


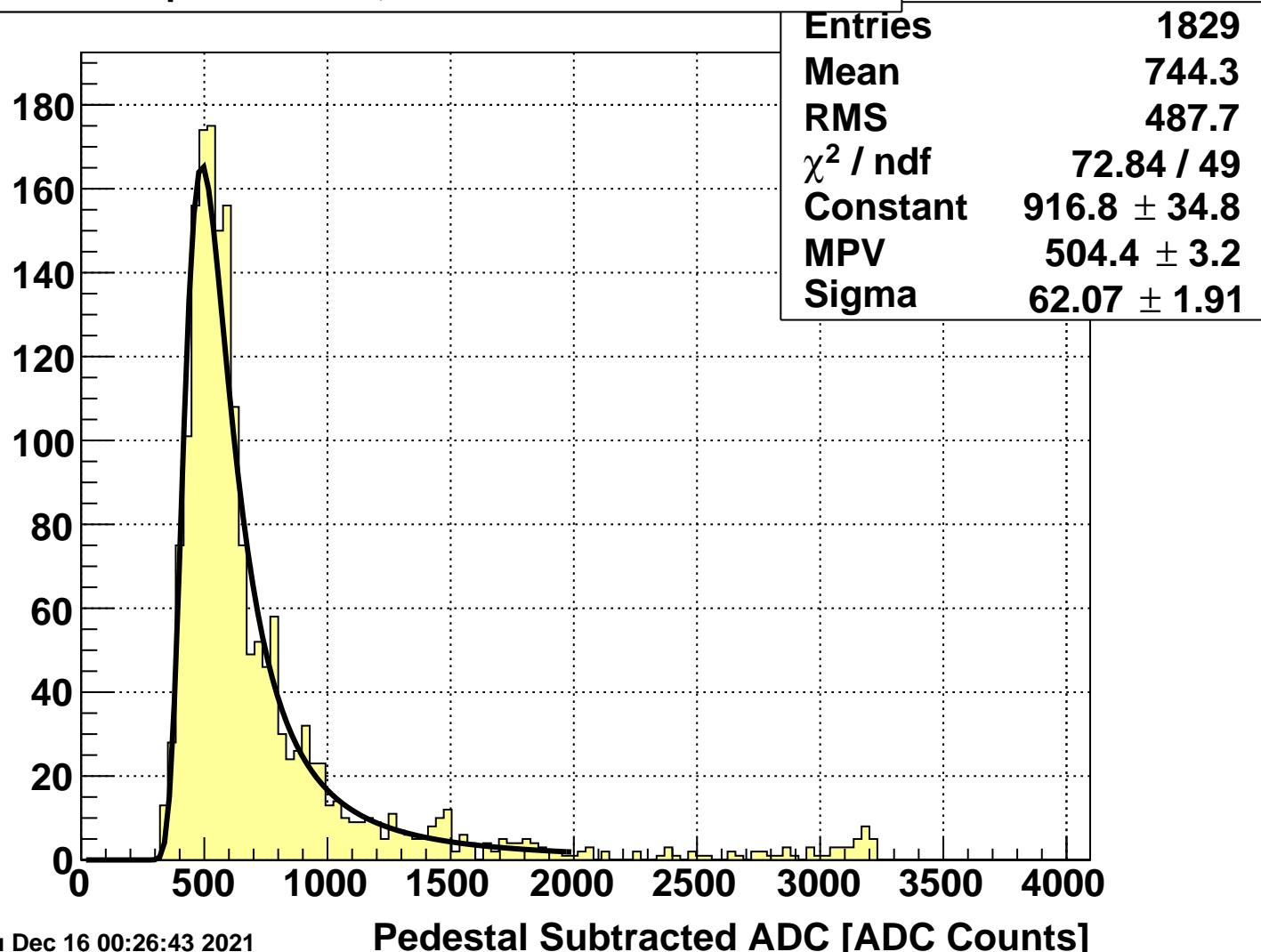
FST - MIP peak non-ZS, RDO5_ARM0_PORT0_SEC0

nonZS_Section_48

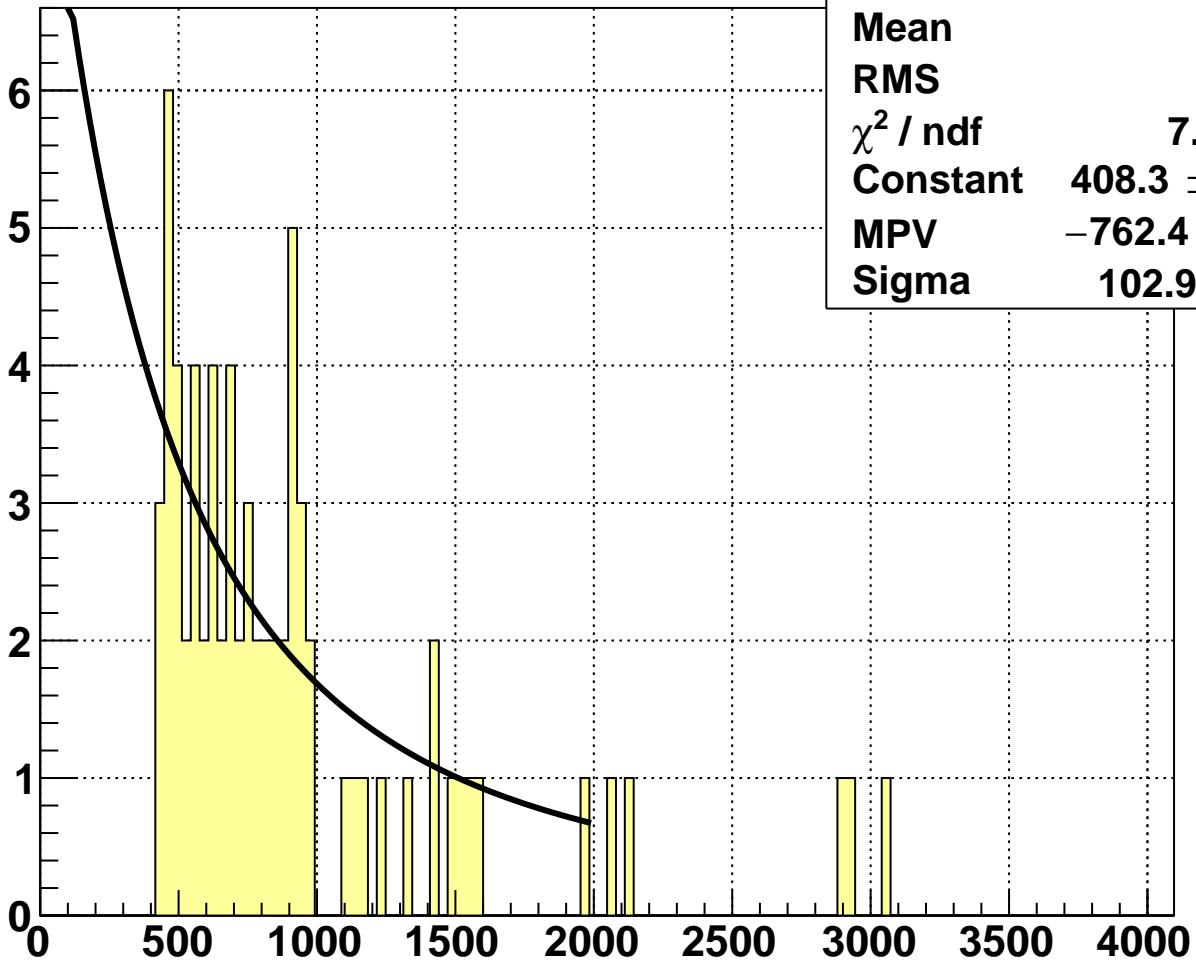


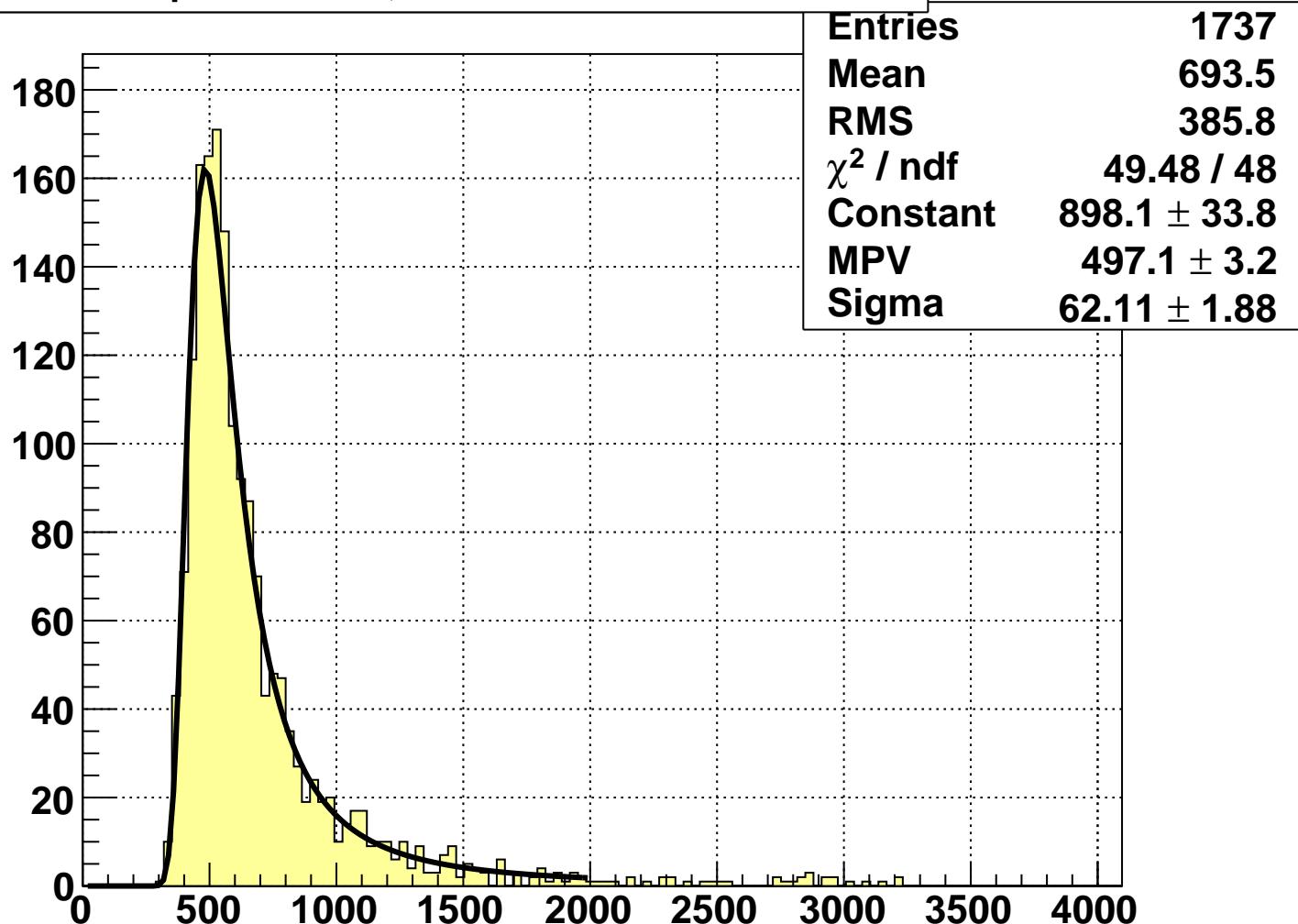
Entries	453
Mean	1036
RMS	603.9
χ^2 / ndf	52.47 / 44
Constant	119.3 ± 10.1
MPV	657.4 ± 15.3
Sigma	109.4 ± 8.6



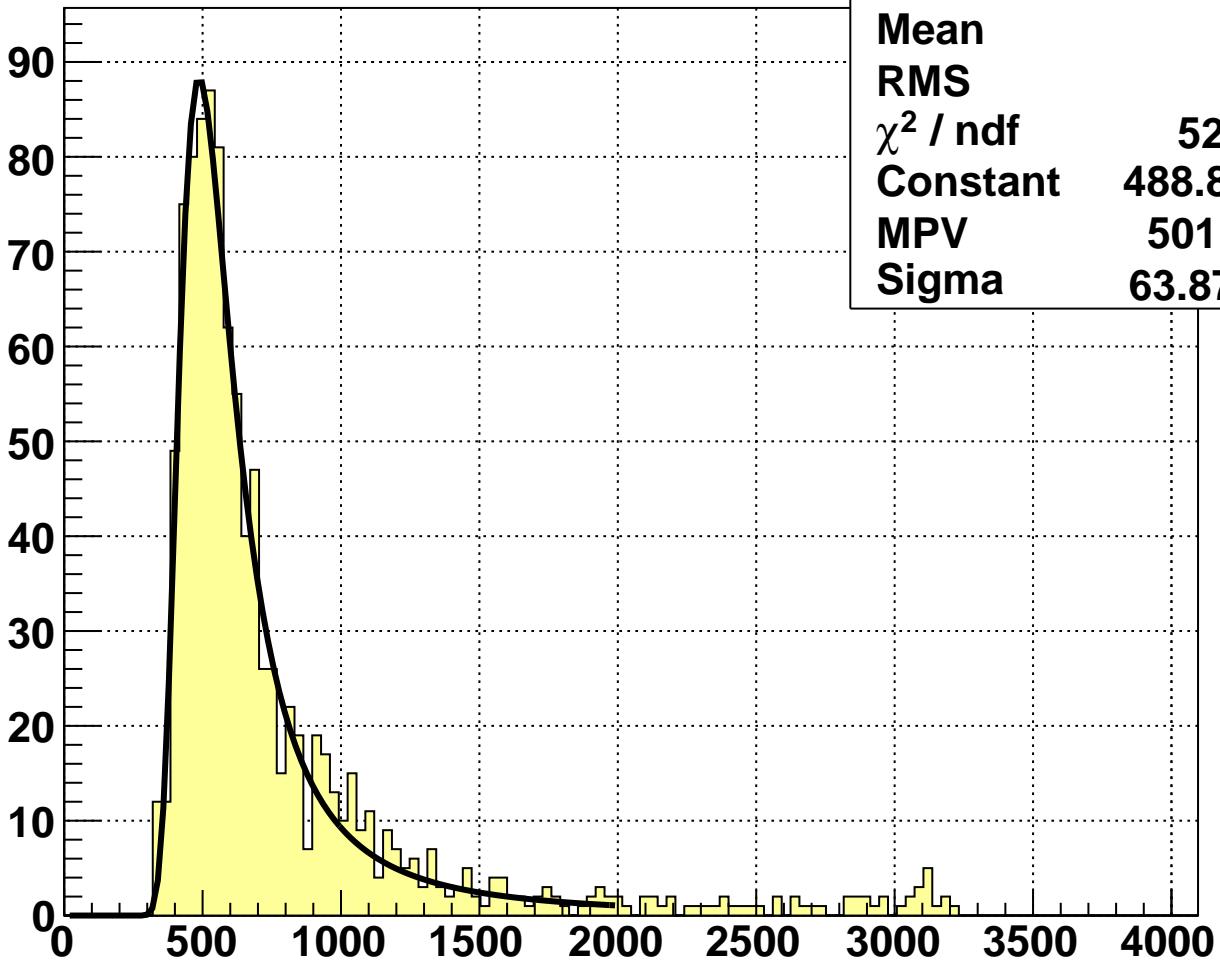


Entries	71
Mean	940.8
RMS	573.2
χ^2 / ndf	7.772 / 26
Constant	408.3 ± 3198.8
MPV	-762.4 ± 801.6
Sigma	102.9 ± 344.1





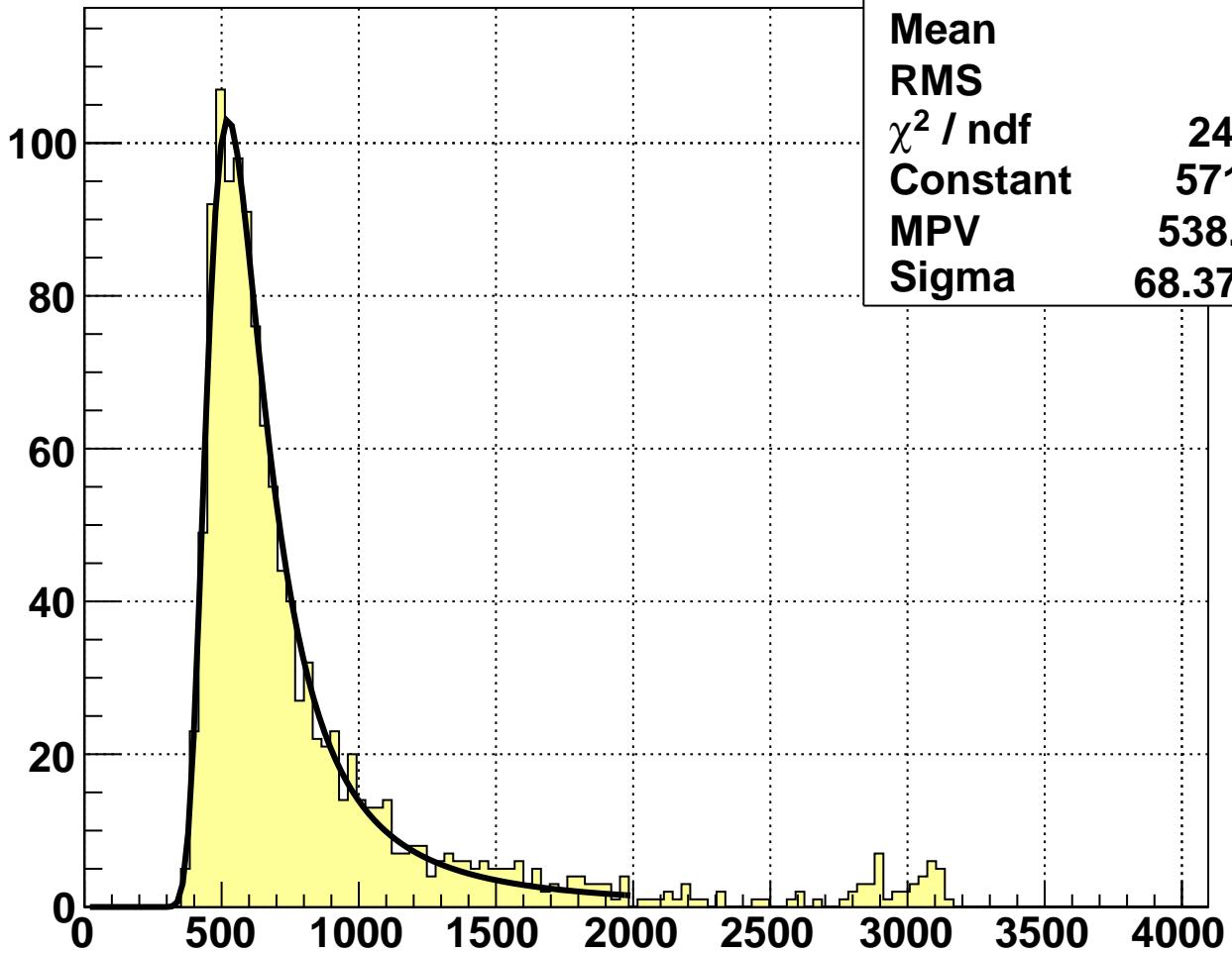
Entries	1030
Mean	779.4
RMS	527
χ^2 / ndf	52.95 / 49
Constant	488.8 ± 25.3
MPV	501.8 ± 4.5
Sigma	63.87 ± 2.71



FST - MIP peak non-ZS, RDO5_ARM1_PORT1_SEC0

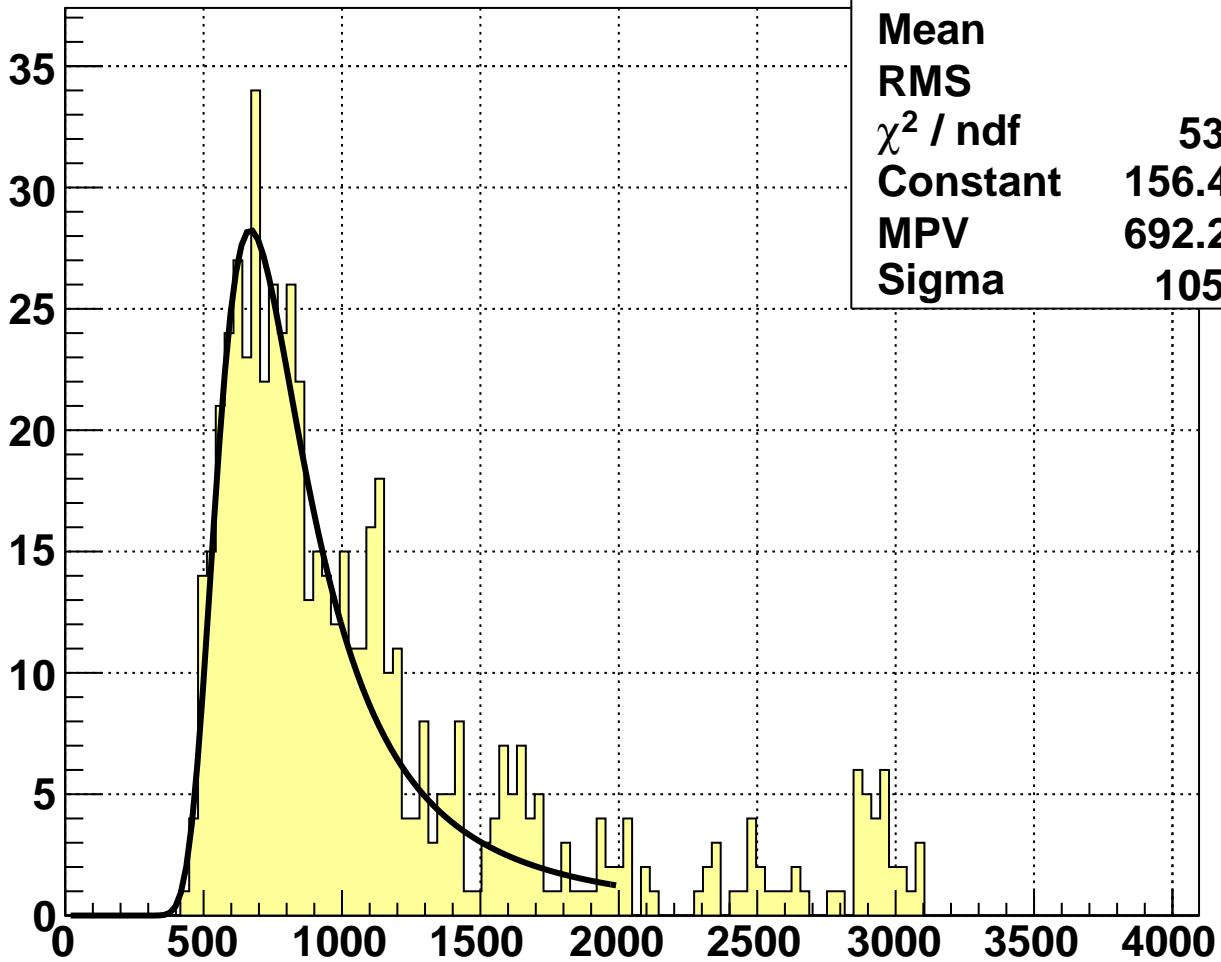
nonZS_Section_54

Entries	1238
Mean	825.3
RMS	536.3
χ^2 / ndf	24.54 / 48
Constant	571 ± 25.7
MPV	538.5 ± 4.4
Sigma	68.37 ± 2.50

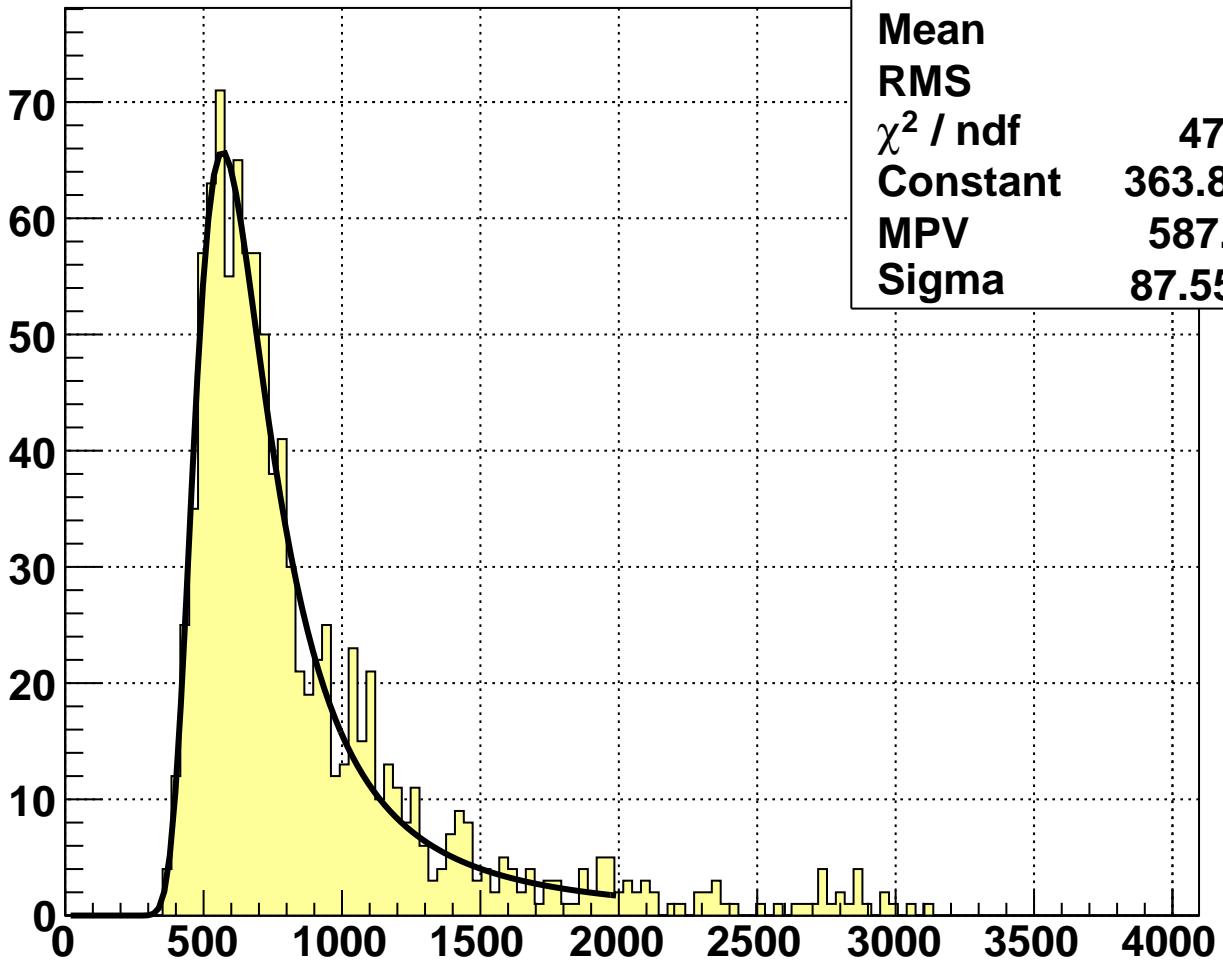


FST - MIP peak non-ZS, RDO5_ARM1_PORT1_SEC1 nonZS_Section_55

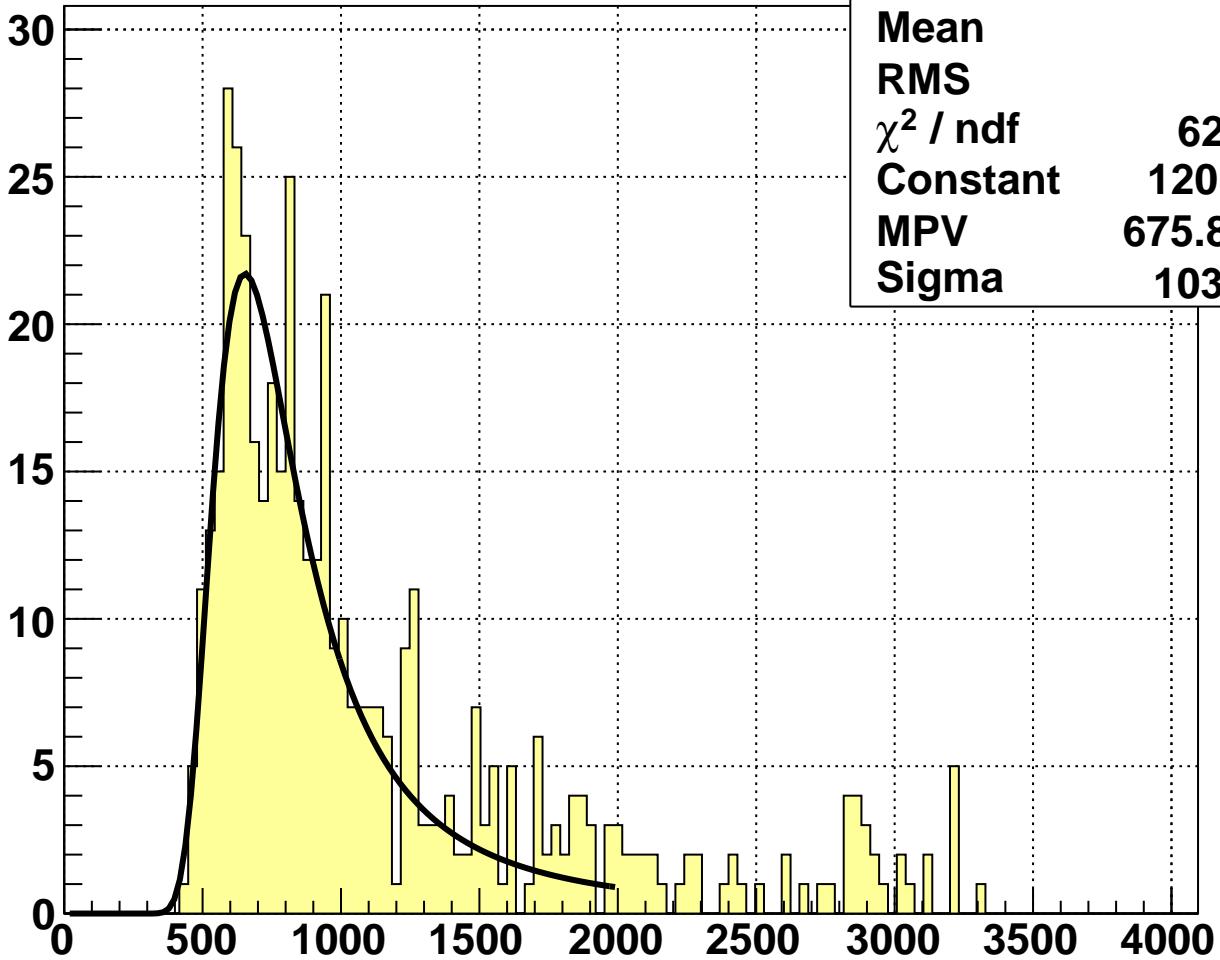
Entries	577
Mean	1106
RMS	626.6
χ^2 / ndf	53.32 / 47
Constant	156.4 ± 10.3
MPV	692.2 ± 10.9
Sigma	105.1 ± 5.6



Entries	1016
Mean	872
RMS	480.8
χ^2 / ndf	47.03 / 49
Constant	363.8 ± 17.9
MPV	587.8 ± 6.2
Sigma	87.55 ± 3.51

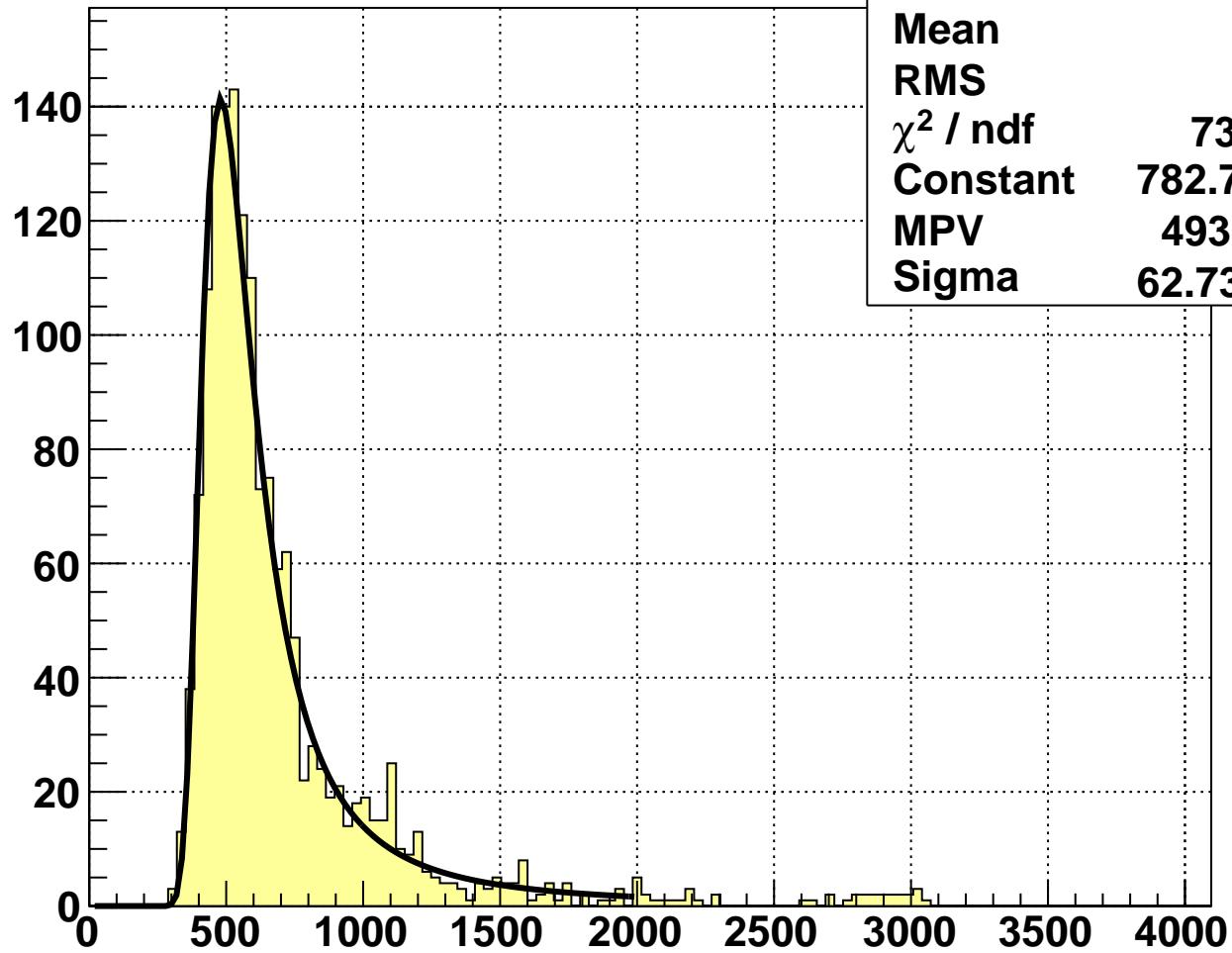


Entries	461
Mean	1121
RMS	652.7
χ^2 / ndf	62.51 / 45
Constant	120.2 ± 9.6
MPV	675.8 ± 12.8
Sigma	103.1 ± 7.0



FST - MIP peak non-ZS, RDO5_ARM2_PORT1_SEC0 nonZS_Section_58

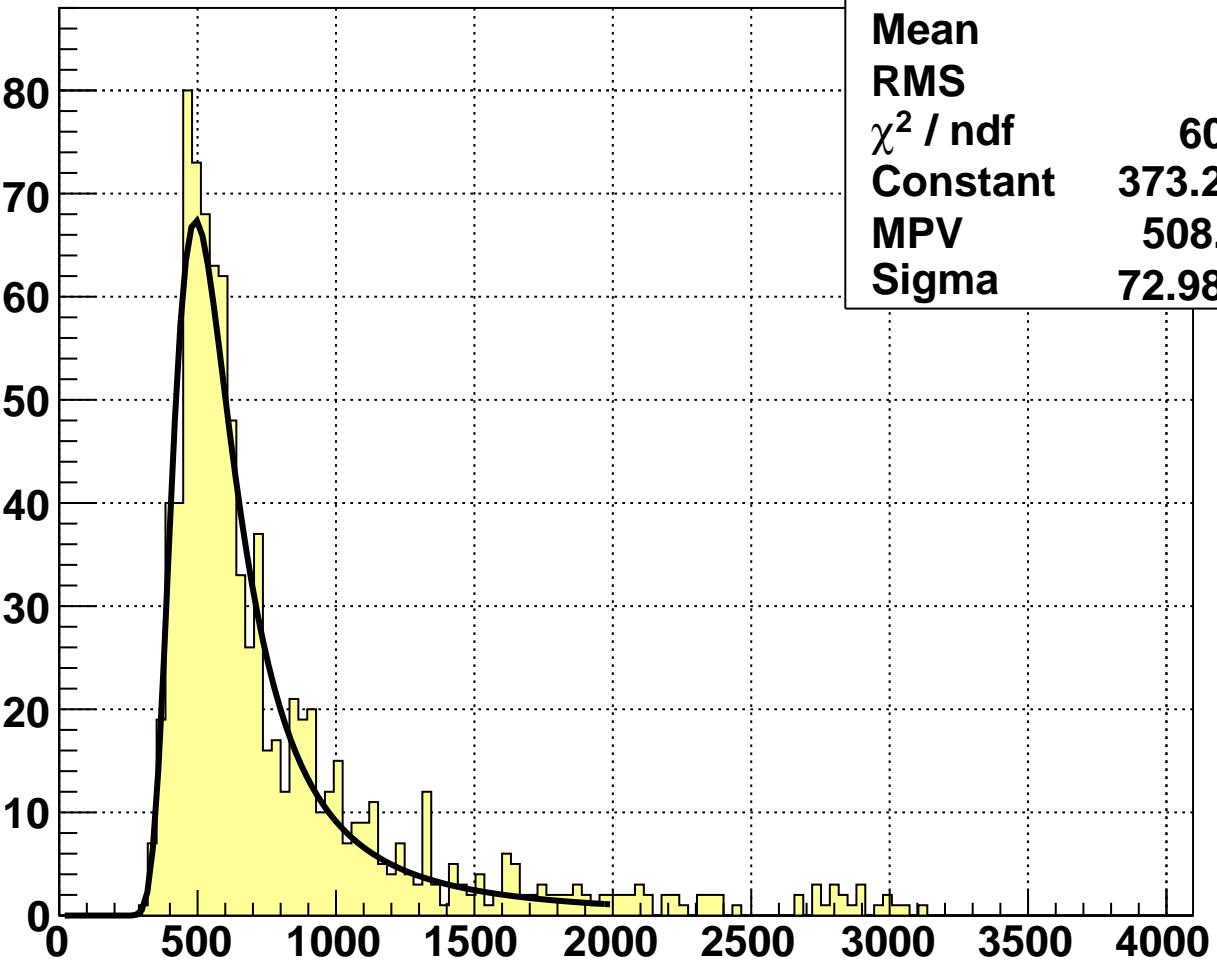
Entries	1566
Mean	704.3
RMS	404.1
χ^2 / ndf	73.34 / 48
Constant	782.7 ± 31.2
MPV	493.7 ± 3.5
Sigma	62.73 ± 2.00



FST - MIP peak non-ZS, RDO5_ARM2_PORT1_SEC1

nonZS_Section_59

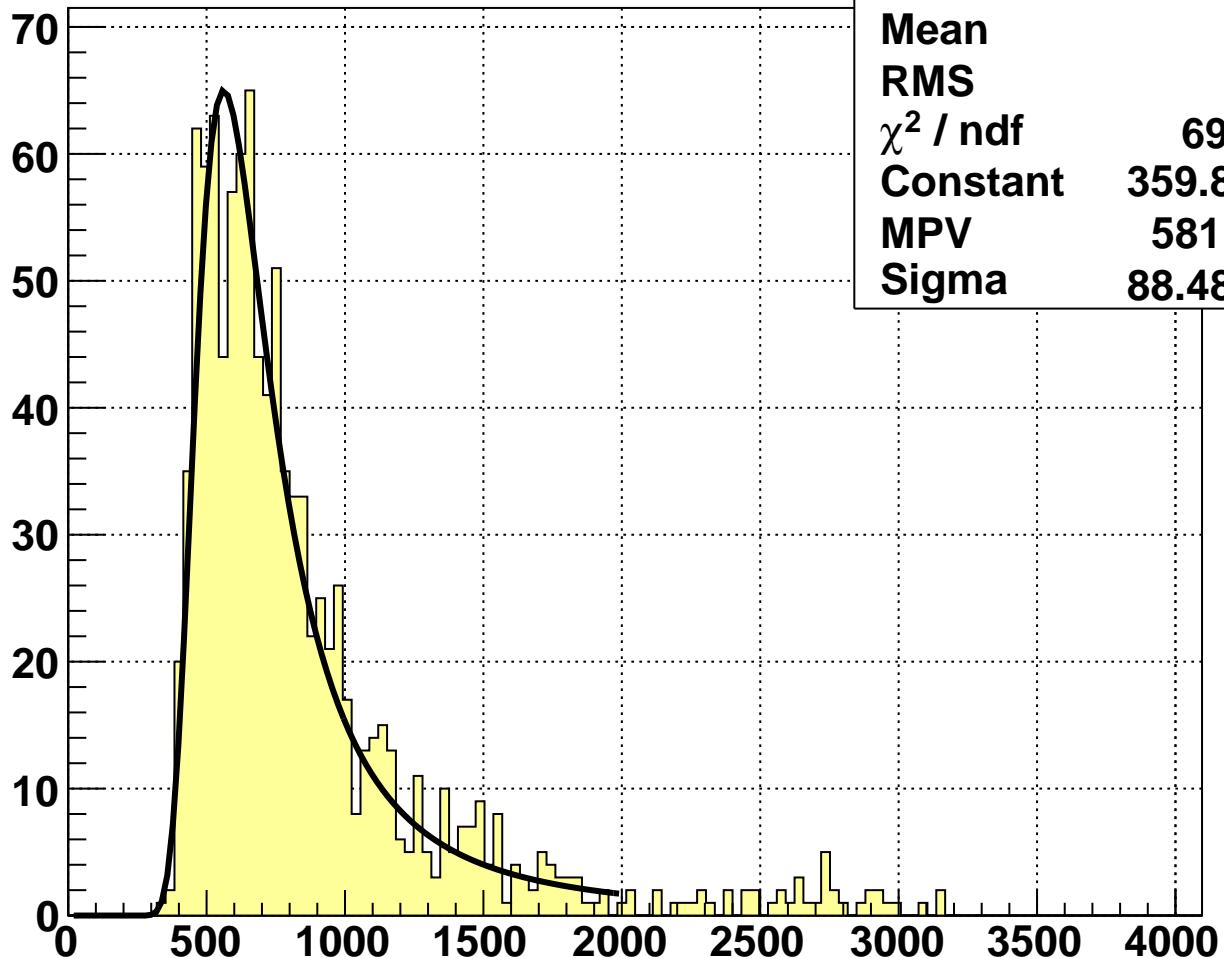
Entries	907
Mean	798.7
RMS	506.2
χ^2 / ndf	60.51 / 51
Constant	373.2 ± 19.9
MPV	508.9 ± 5.5
Sigma	72.98 ± 3.13



FST - MIP peak non-ZS, RDO6_ARM0_PORT0_SEC0

nonZS_Section_60

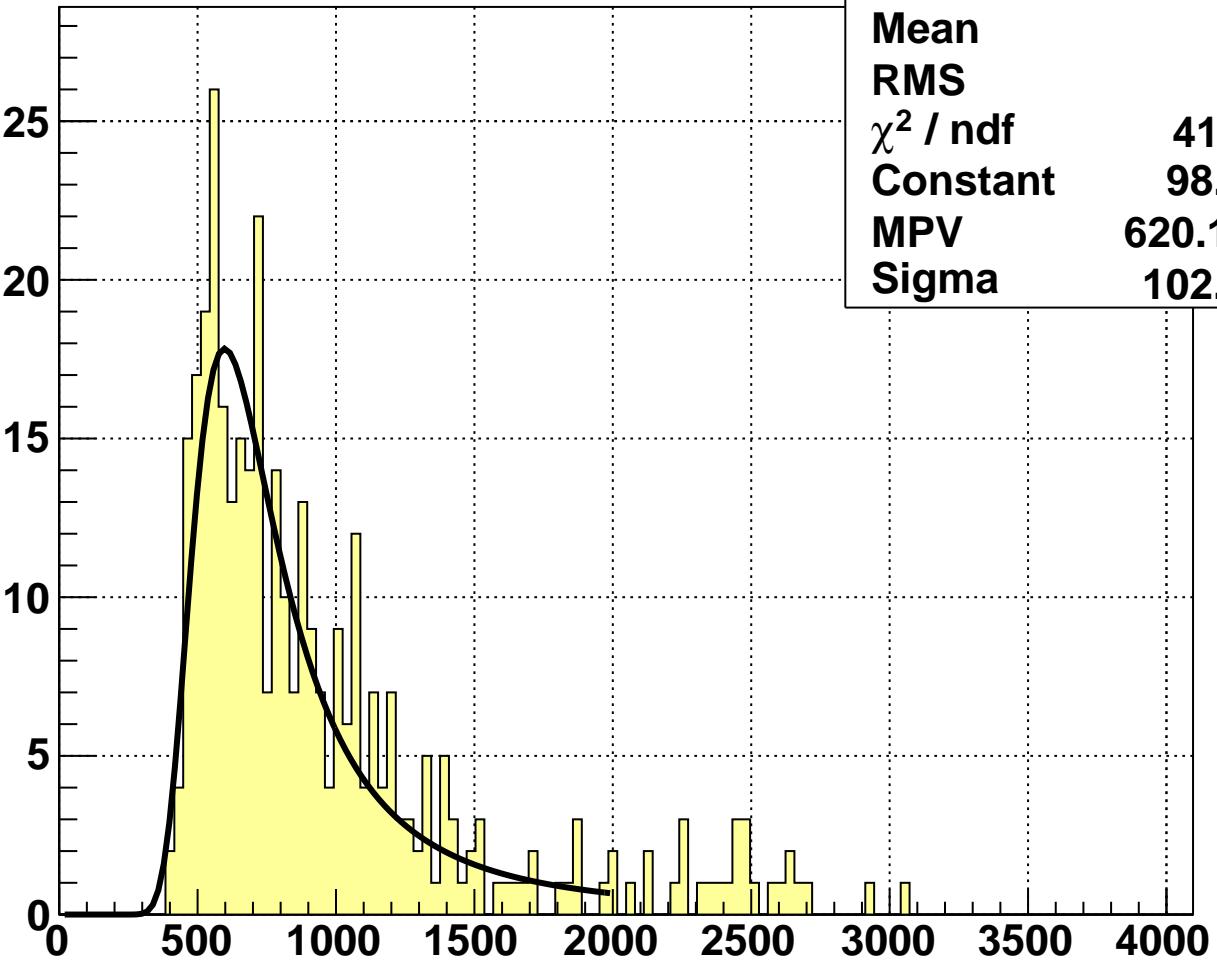
Entries	1035
Mean	858.7
RMS	482.9
χ^2 / ndf	69.31 / 49
Constant	359.8 ± 16.8
MPV	581.3 ± 6.8
Sigma	88.48 ± 3.23



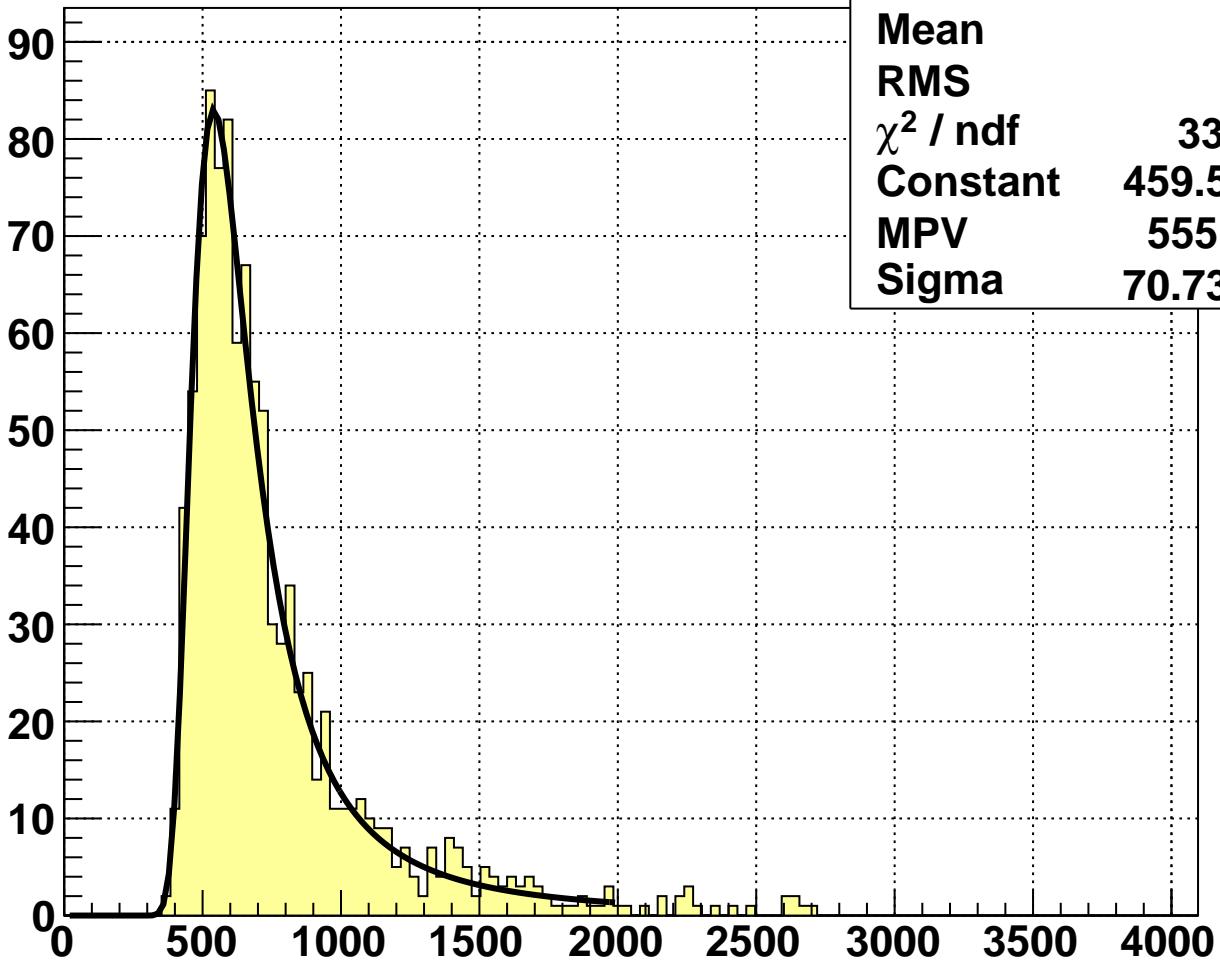
FST - MIP peak non-ZS, RDO6_ARM0_PORT0_SEC1

nonZS_Section_61

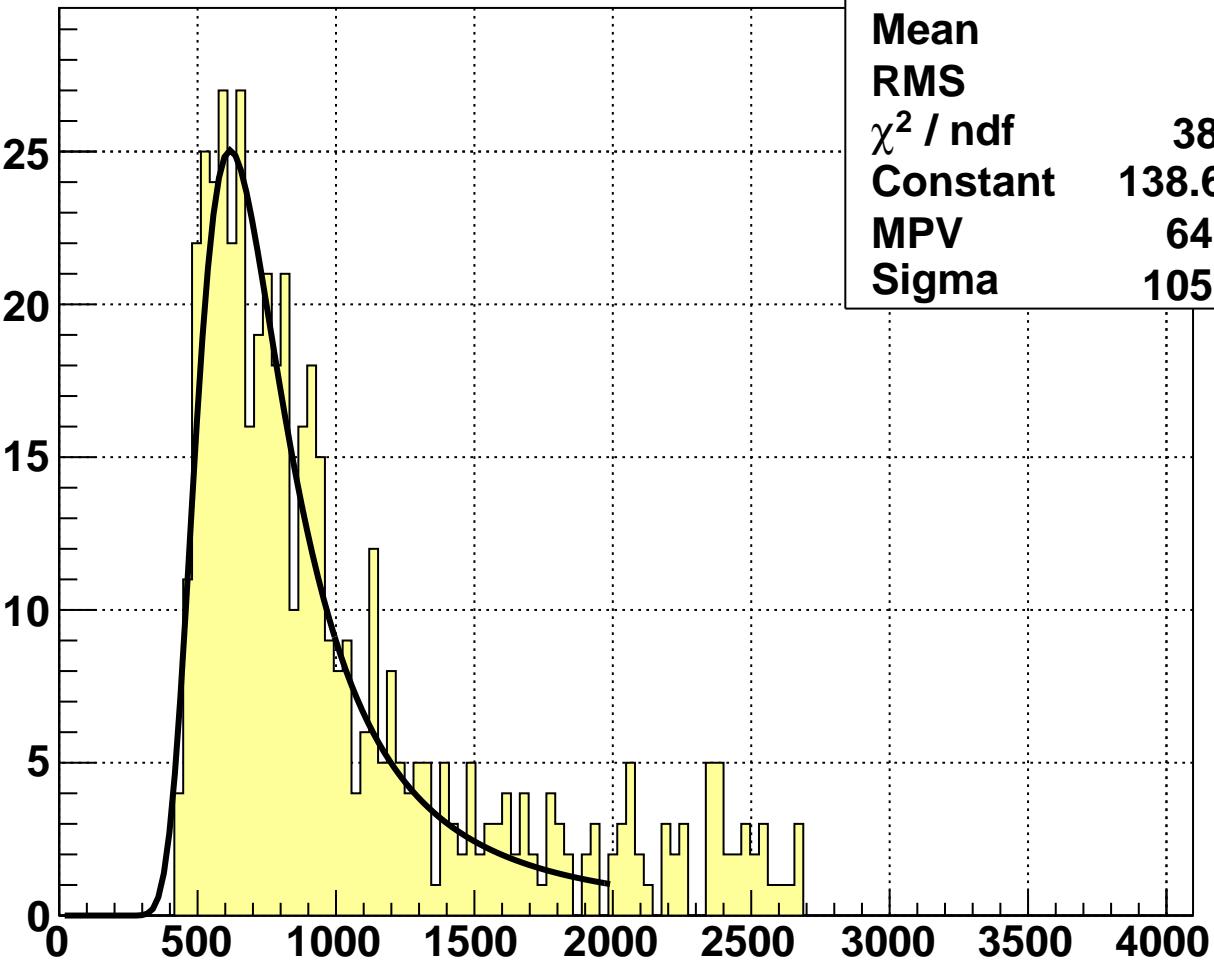
Entries	351
Mean	960.4
RMS	536.5
χ^2 / ndf	41.71 / 43
Constant	98.7 ± 9.6
MPV	620.1 ± 15.2
Sigma	102.6 ± 9.3



Entries	1013
Mean	768.8
RMS	371.2
χ^2 / ndf	33.98 / 49
Constant	459.5 ± 21.5
MPV	555.5 ± 5.0
Sigma	70.73 ± 2.56



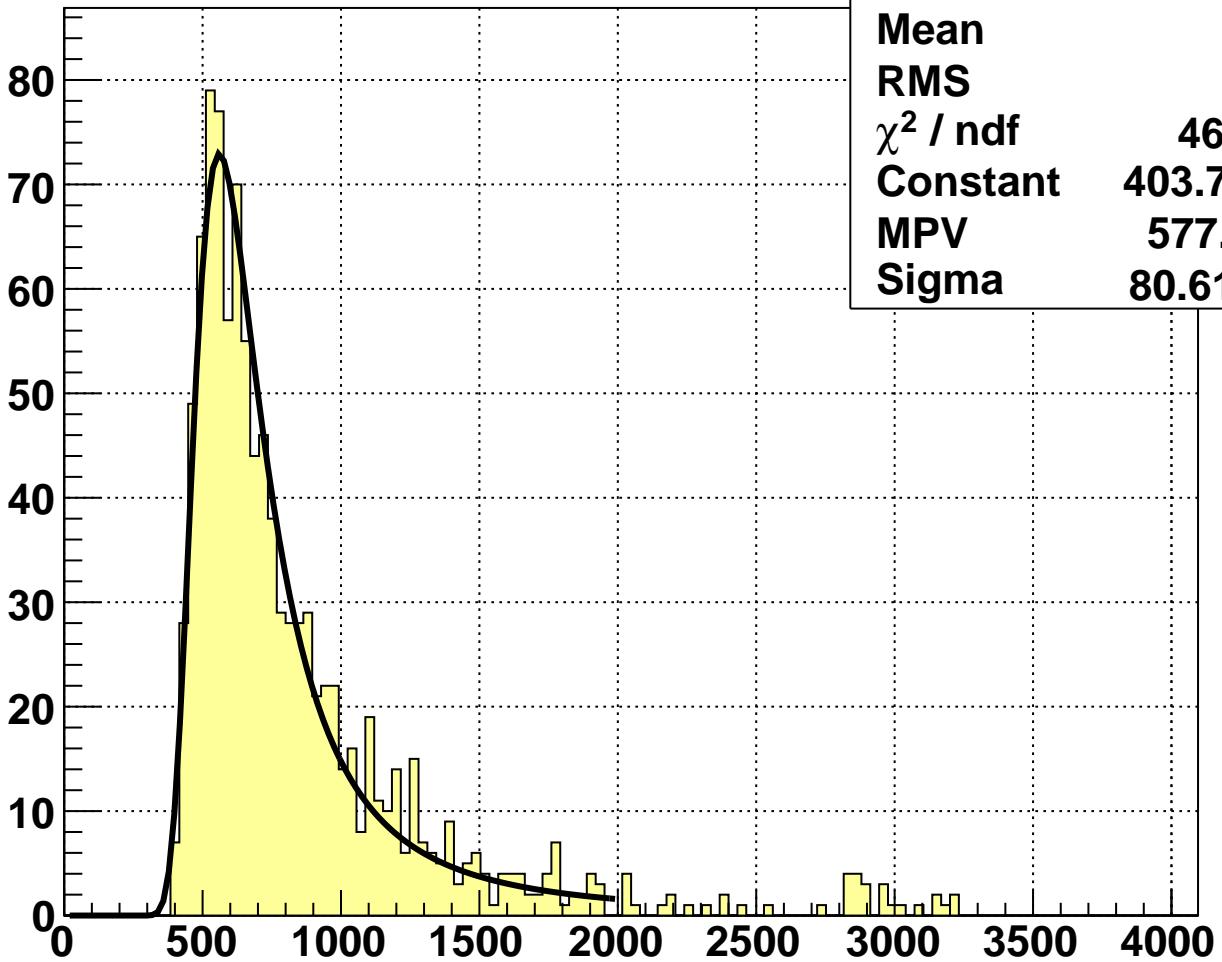
Entries	496
Mean	1016
RMS	547.5
χ^2 / ndf	38.98 / 45
Constant	138.6 ± 10.8
MPV	641 ± 12.1
Sigma	105.5 ± 7.6



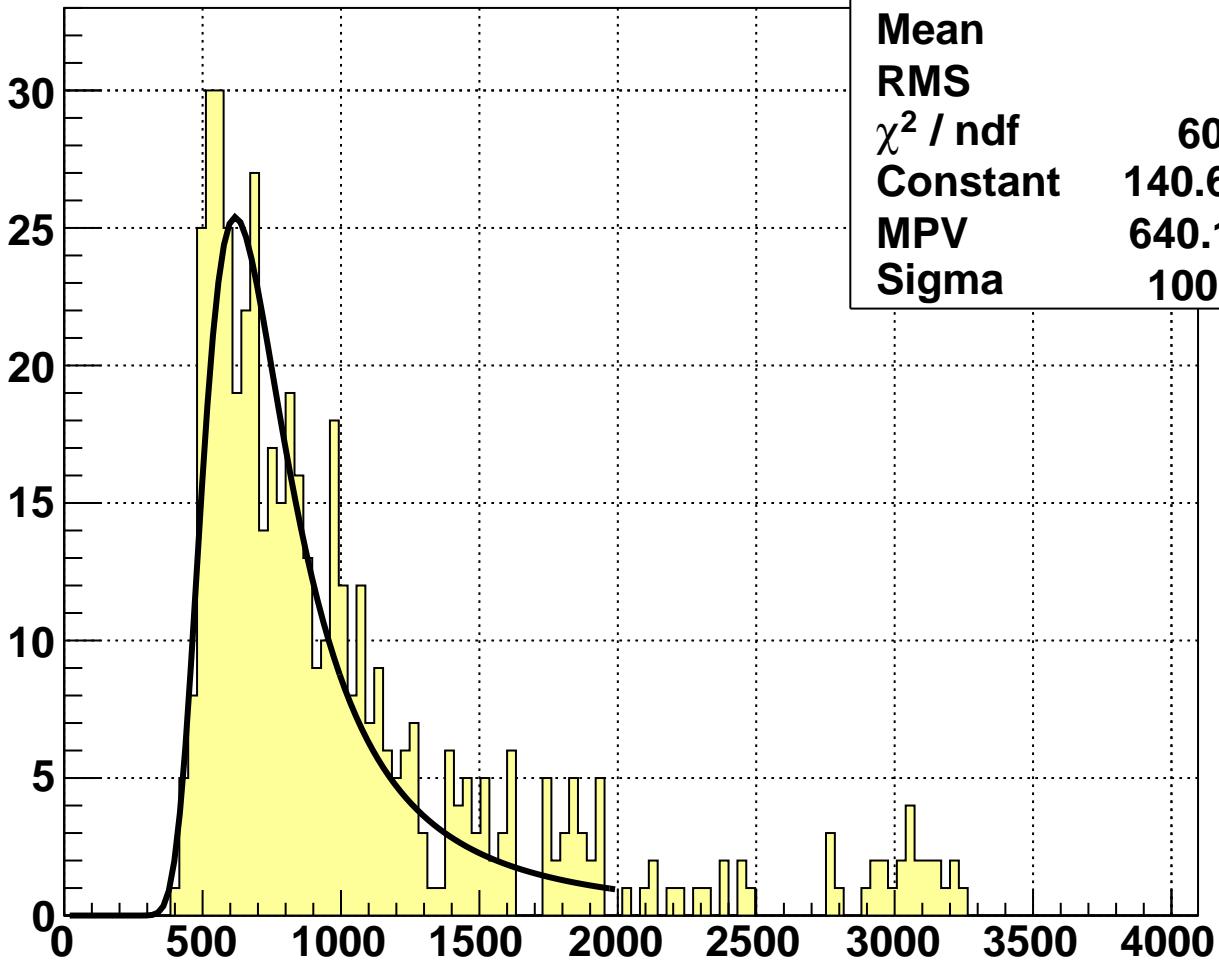
FST - MIP peak non-ZS, RDO6_ARM1_PORT0_SEC0

nonZS_Section_64

Entries	1029
Mean	851.3
RMS	477.5
χ^2 / ndf	46.03 / 46
Constant	403.7 ± 20.5
MPV	577.9 ± 6.0
Sigma	80.61 ± 3.48



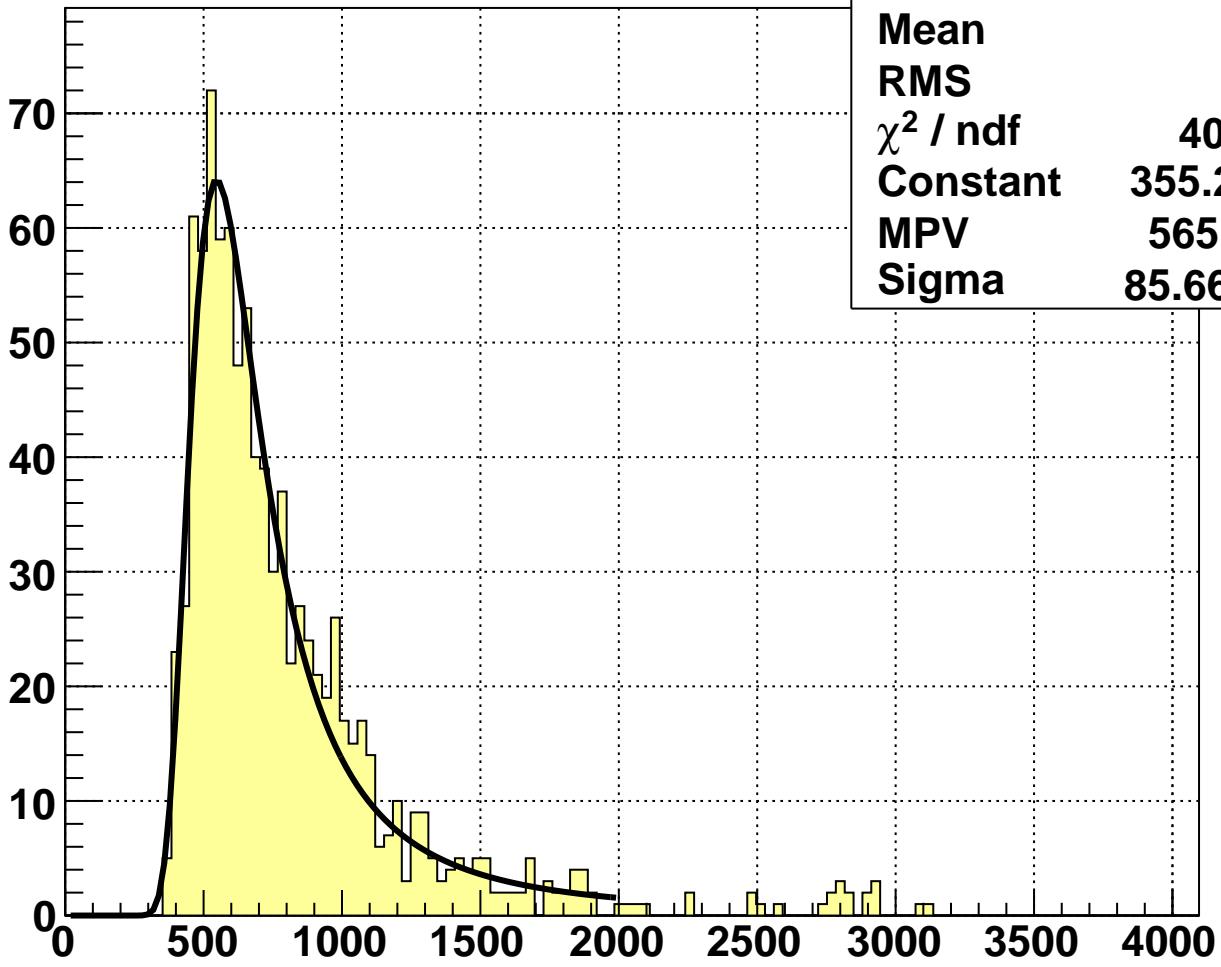
Entries	498
Mean	1030
RMS	626.5
χ^2 / ndf	60.66 / 43
Constant	140.6 ± 10.9
MPV	640.1 ± 12.9
Sigma	100.9 ± 7.0



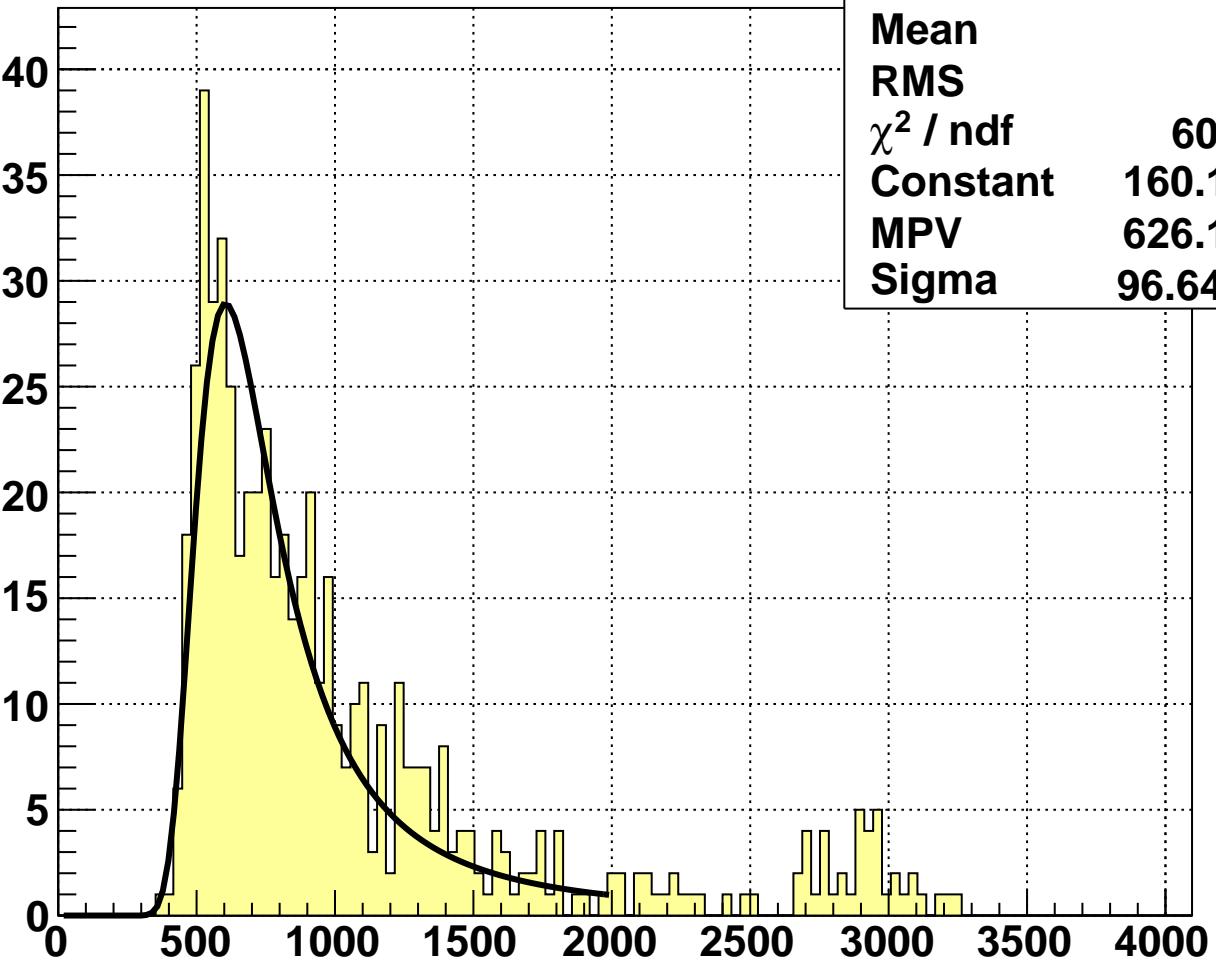
FST - MIP peak non-ZS, RDO6_ARM1_PORT1_SEC0

nonZS_Section_66

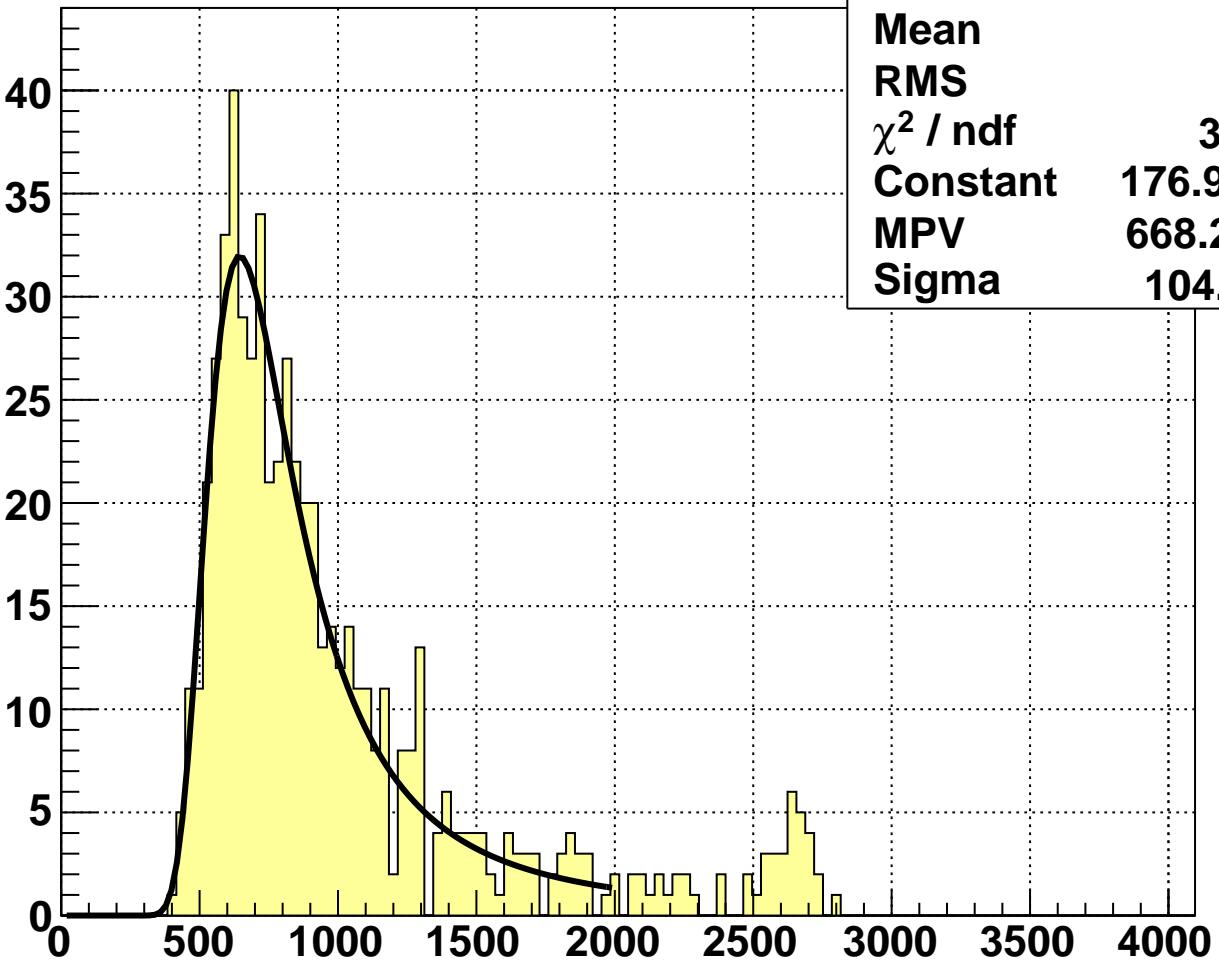
Entries	944
Mean	810.4
RMS	430.9
χ^2 / ndf	40.89 / 46
Constant	355.2 ± 18.1
MPV	565.7 ± 6.5
Sigma	85.66 ± 3.66



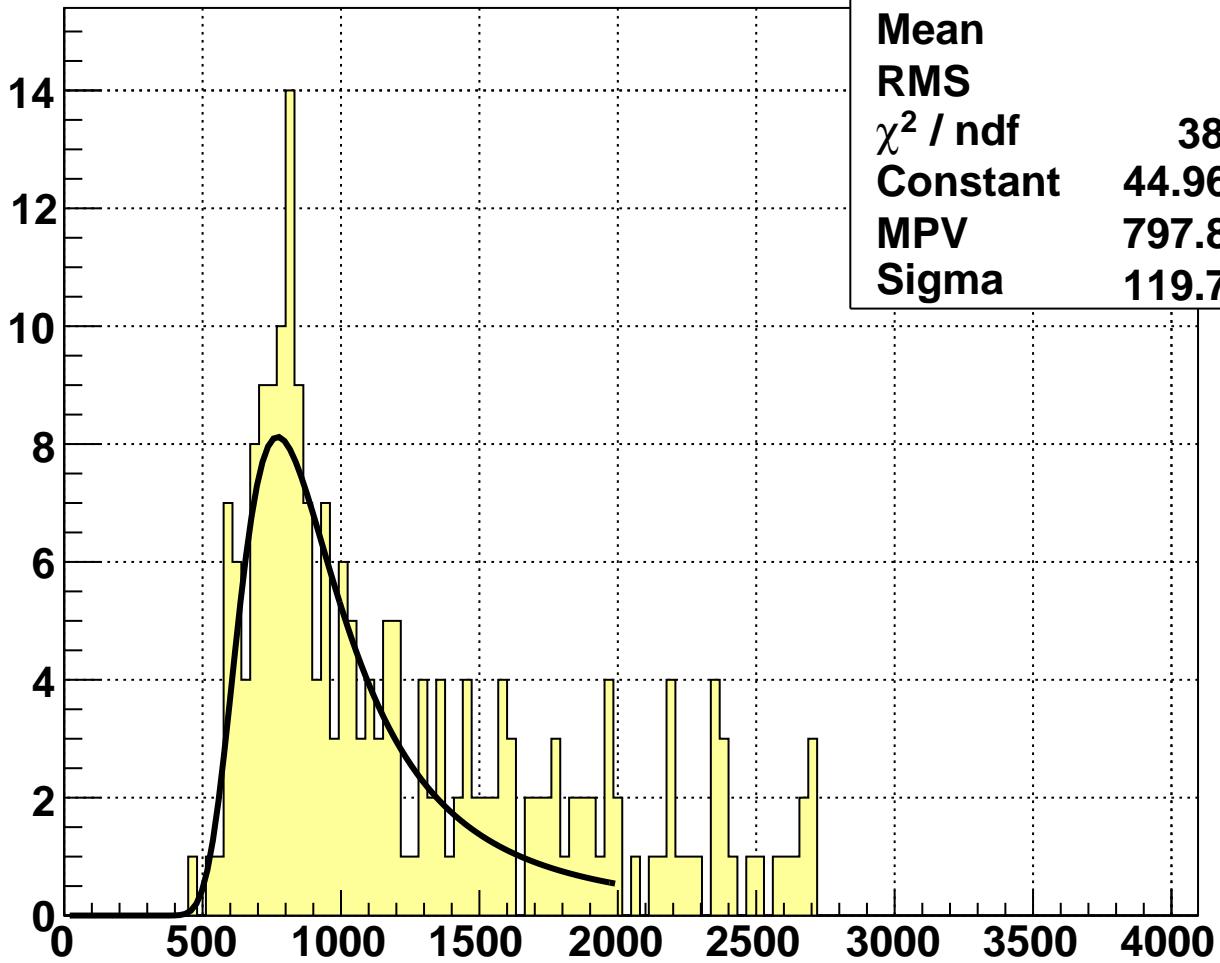
Entries	558
Mean	1035
RMS	649.9
χ^2 / ndf	60.75 / 47
Constant	160.1 ± 12.0
MPV	626.1 ± 12.3
Sigma	96.64 ± 6.32



Entries	601
Mean	1001
RMS	534.4
χ^2 / ndf	38.1 / 45
Constant	176.9 ± 11.4
MPV	668.2 ± 10.1
Sigma	104.7 ± 5.7

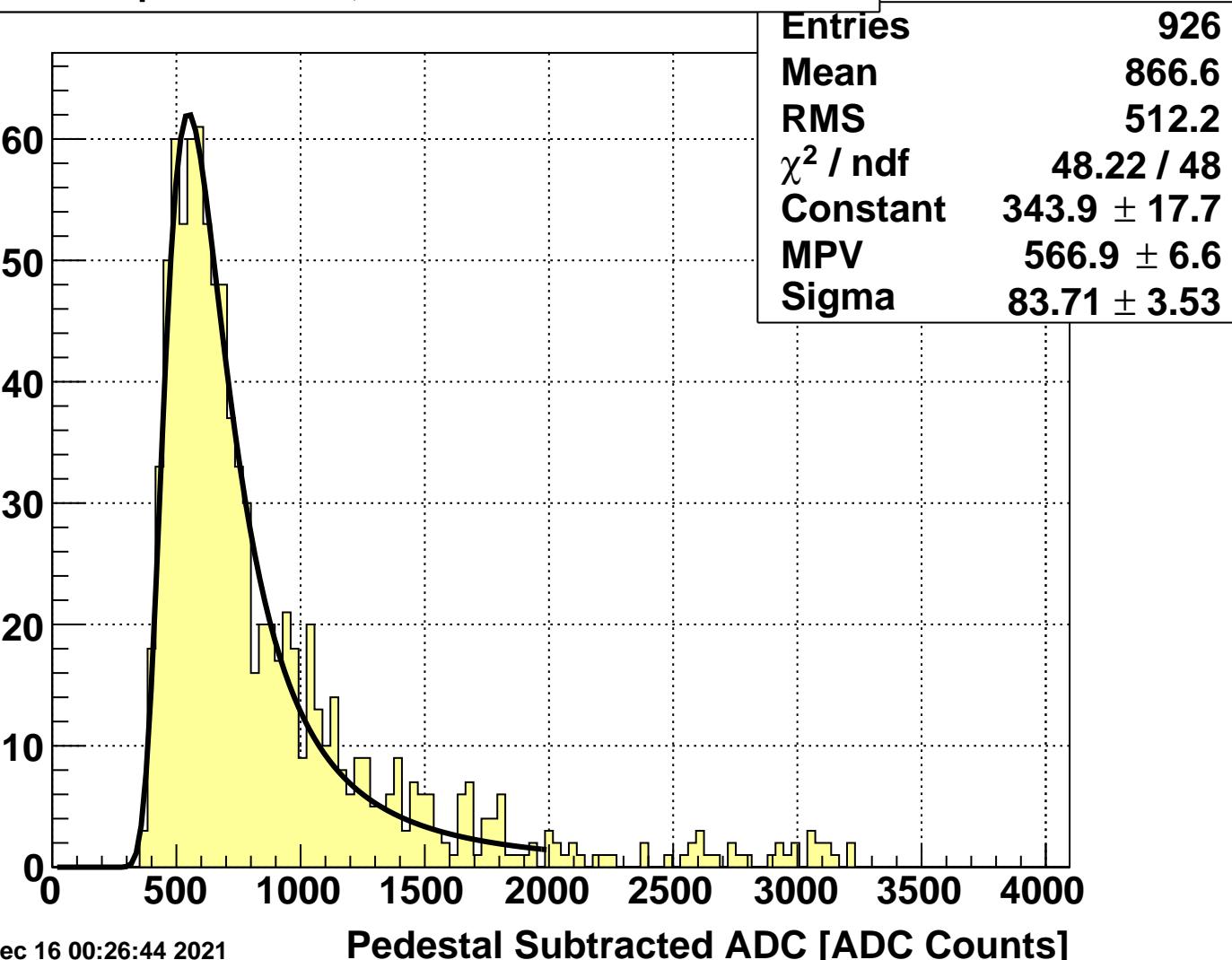


Entries	214
Mean	1245
RMS	583.4
χ^2 / ndf	38.59 / 44
Constant	44.96 ± 6.52
MPV	797.8 ± 24.0
Sigma	119.7 ± 17.2



FST - MIP peak non-ZS, RDO6_ARM2_PORT1_SEC0

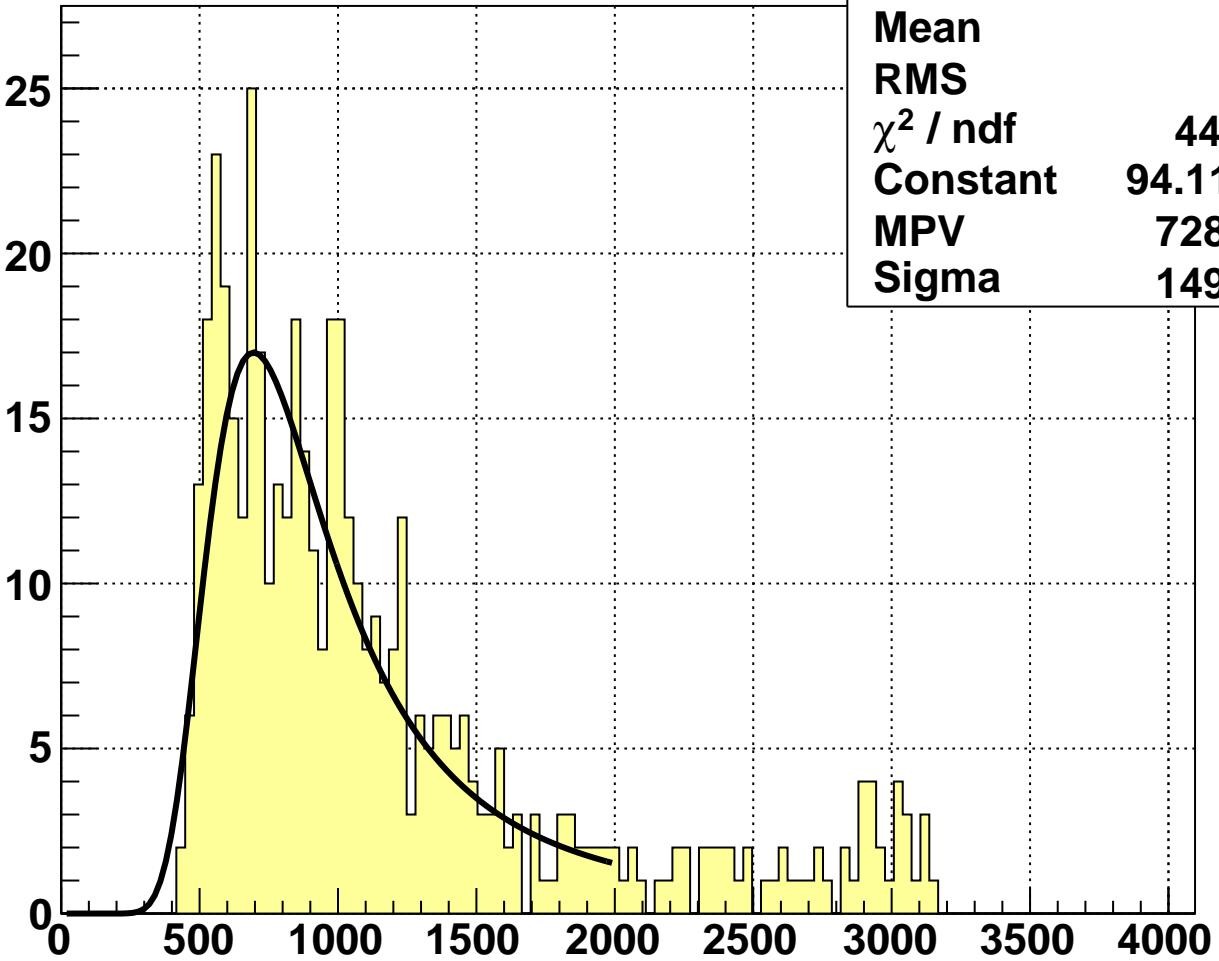
nonZS_Section_70



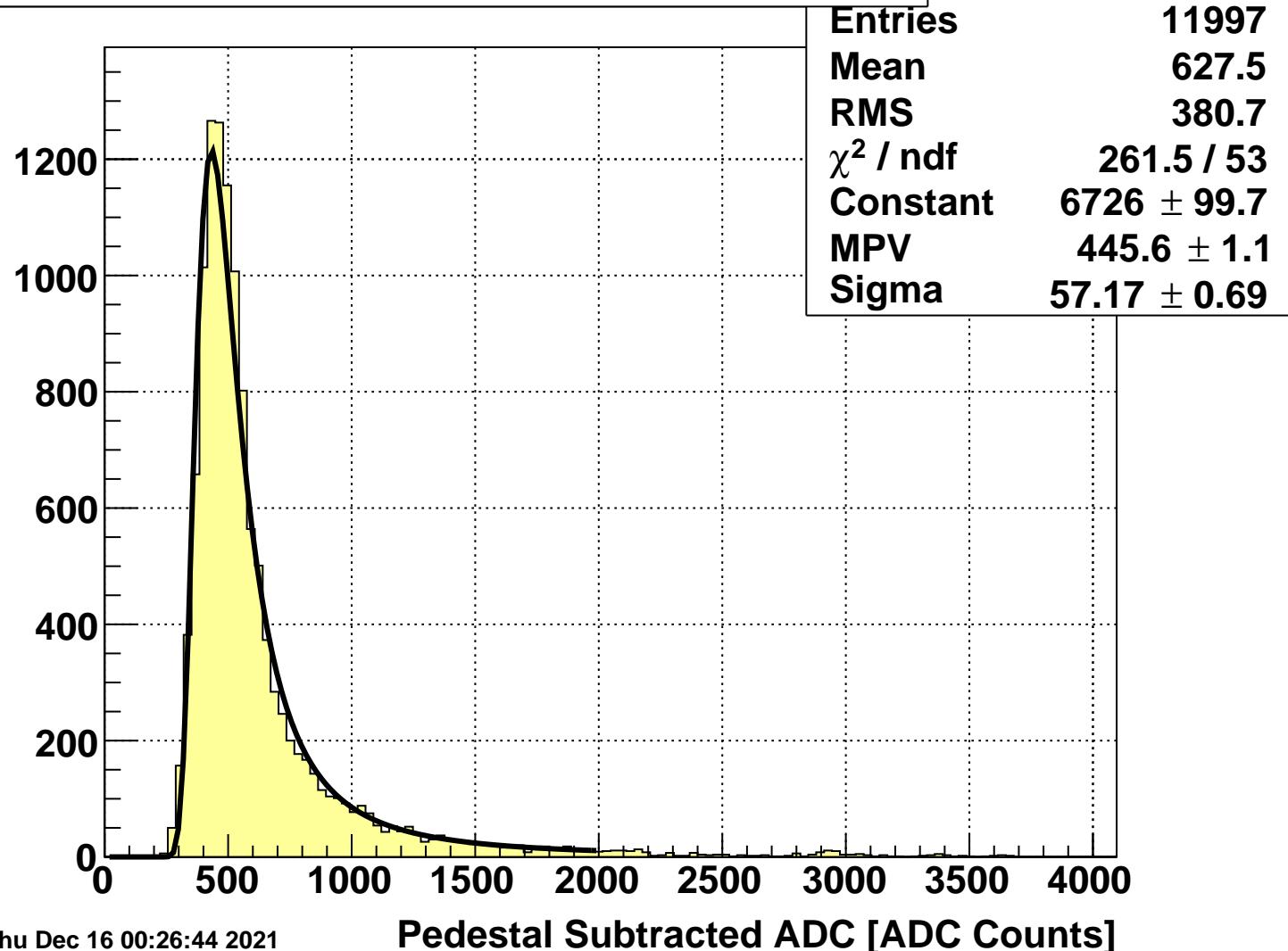
FST - MIP peak non-ZS, RDO6_ARM2_PORT1_SEC1

nonZS_Section_71

Entries	473
Mean	1155
RMS	665.1
χ^2 / ndf	44.24 / 46
Constant	94.11 ± 7.39
MPV	728 ± 18.8
Sigma	149 ± 11.3

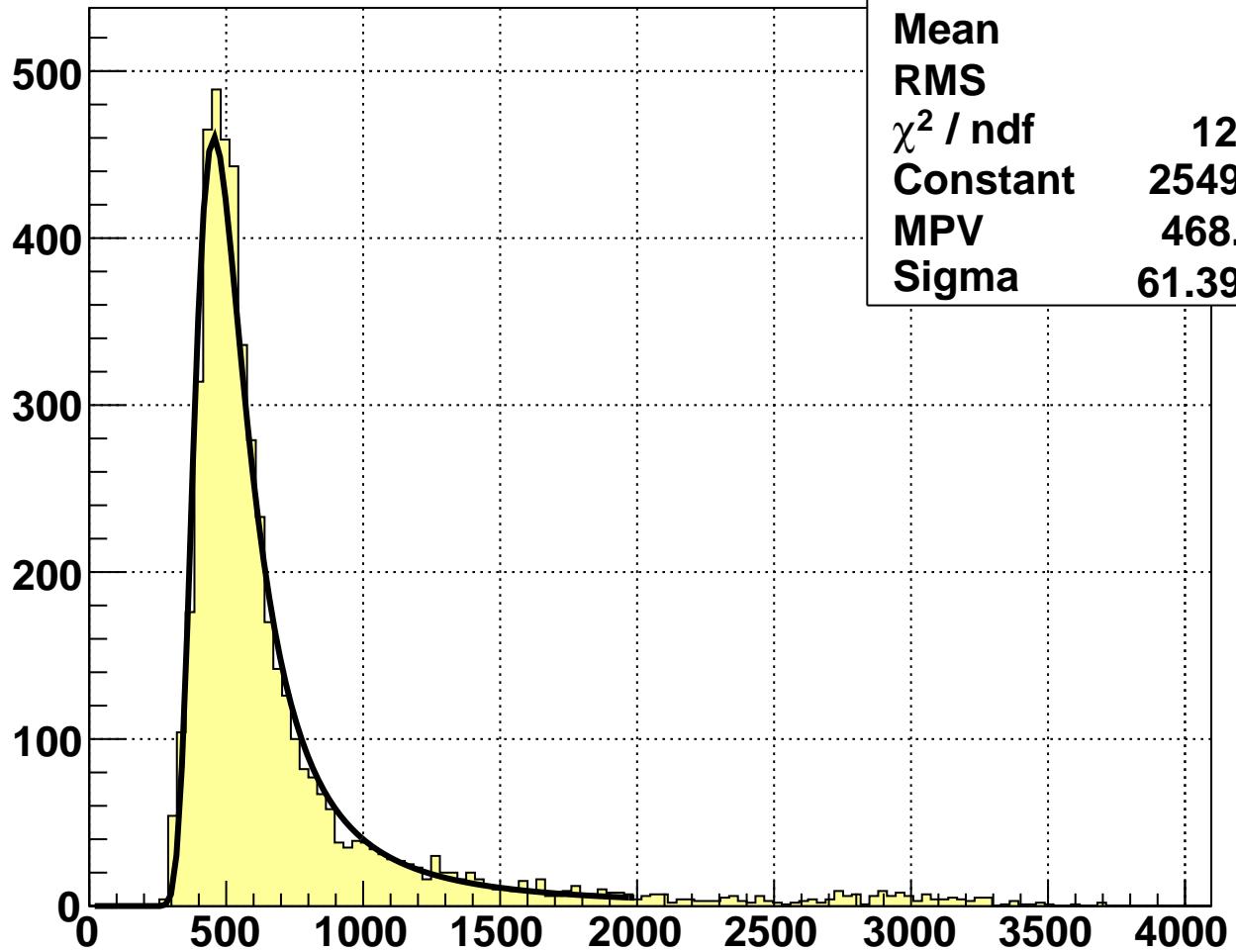


FST - MIP peak ZS, RDO1_ARM0_PORT0_SEC0 P_ZS_Section_0

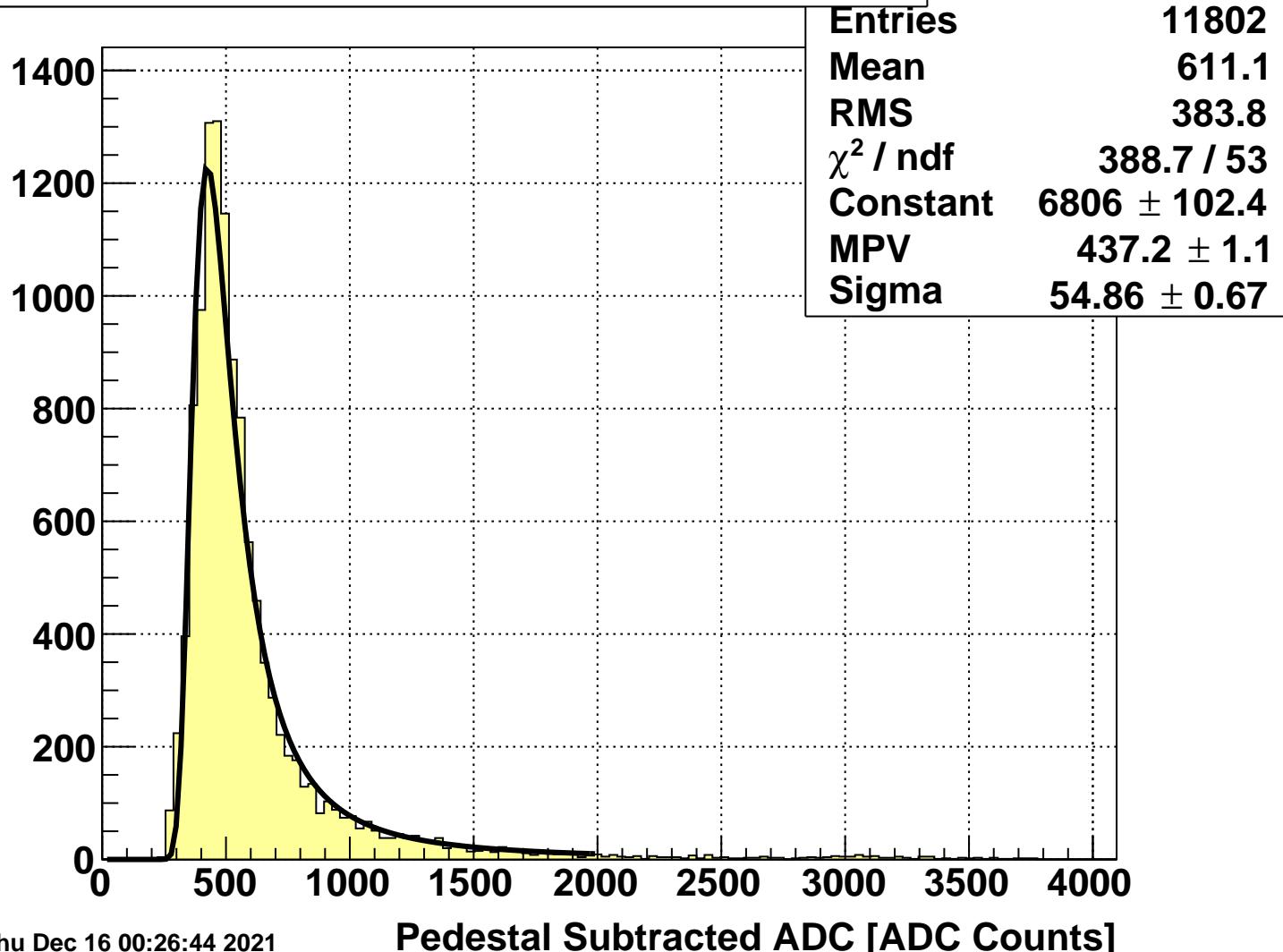


FST - MIP peak ZS, RDO1_ARM0_PORT0_SEC1 P_ZS_Section_1

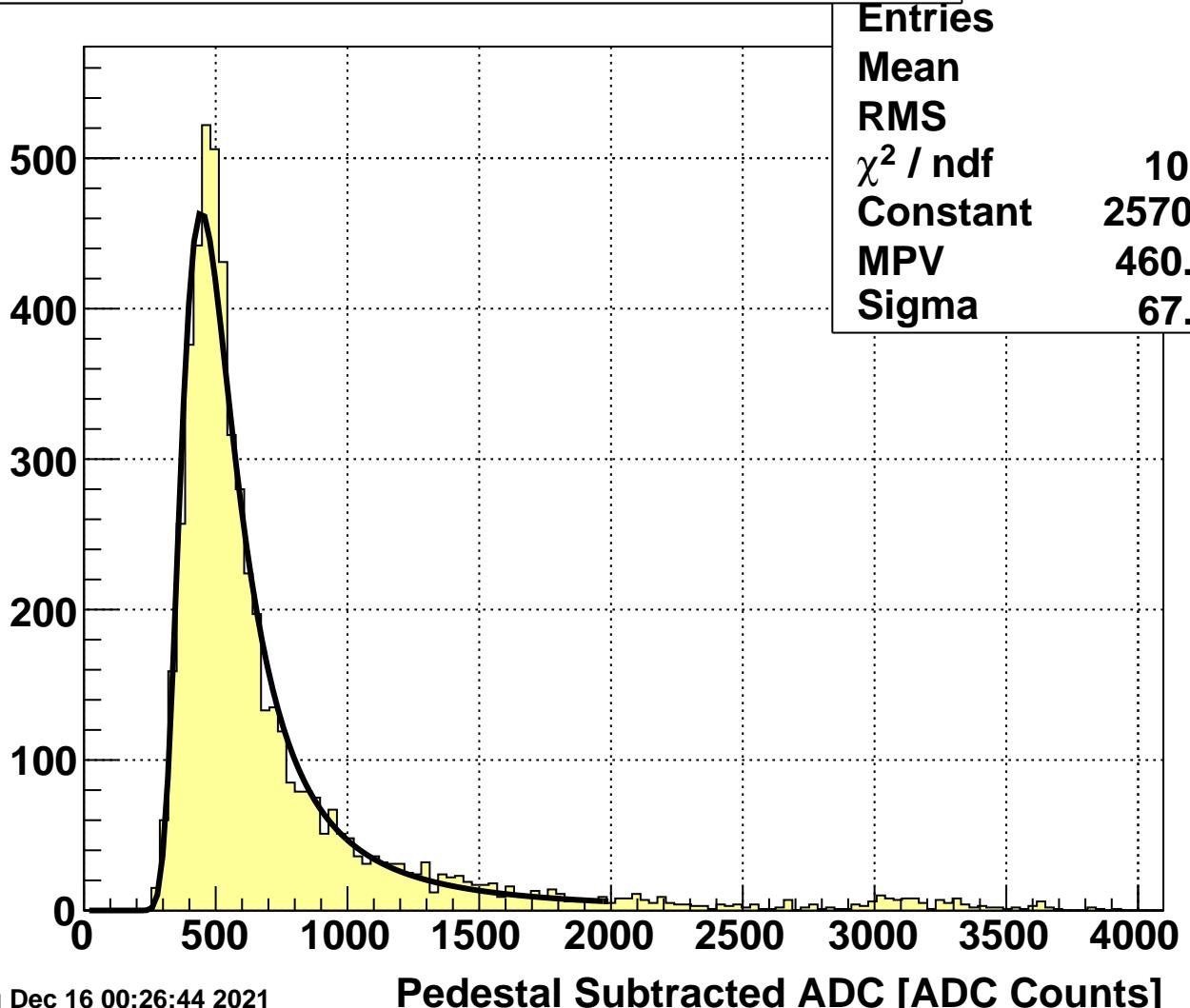
Entries	4990
Mean	712.2
RMS	503.6
χ^2 / ndf	124.3 / 52
Constant	2549 ± 62.2
MPV	468.5 ± 1.9
Sigma	61.39 ± 1.26



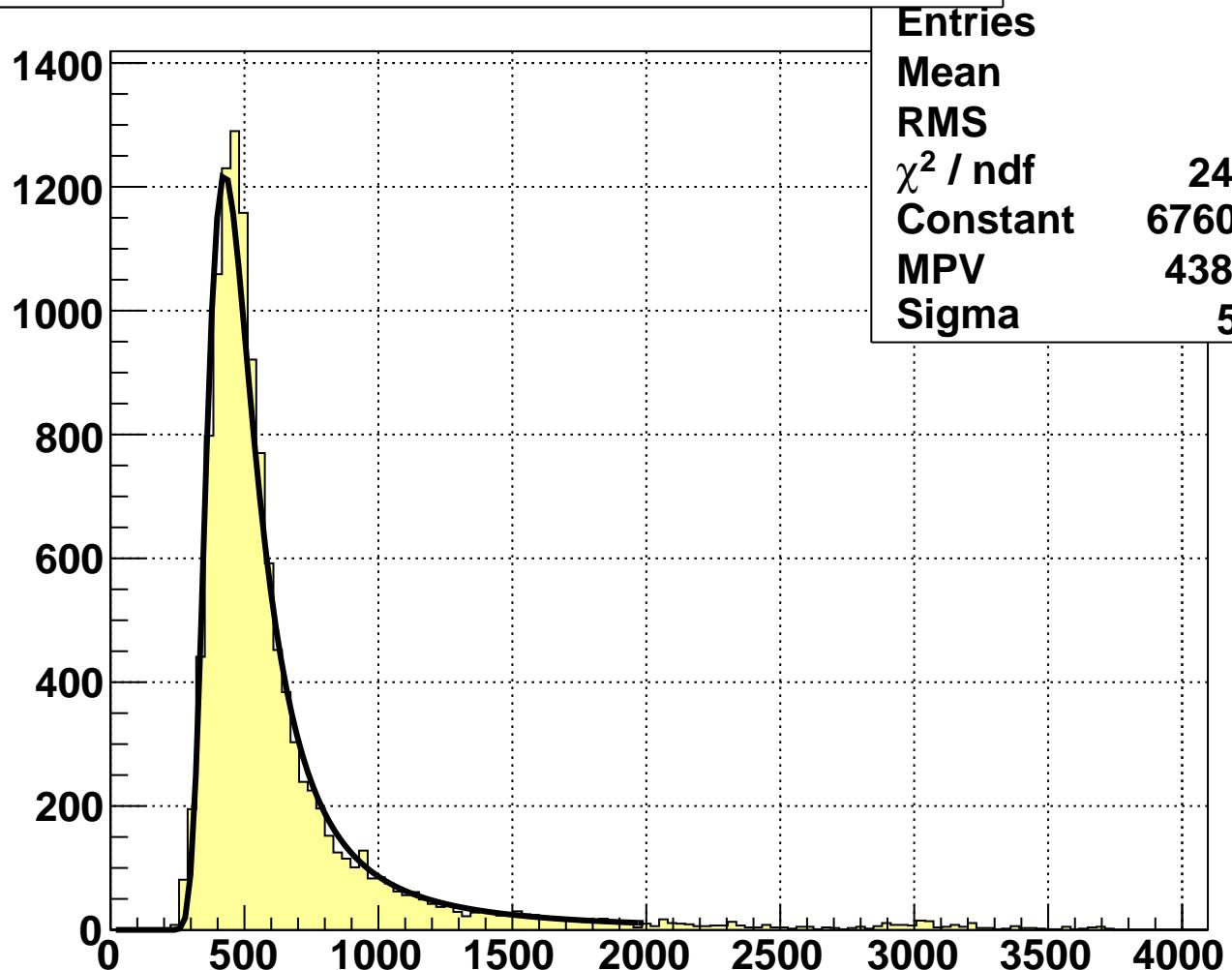
FST - MIP peak ZS, RDO1_ARM0_PORT1_SEC0 P_ZS_Section_2



FST - MIP peak ZS, RDO1_ARM0_PORT1_SEC1 P_ZS_Section_3

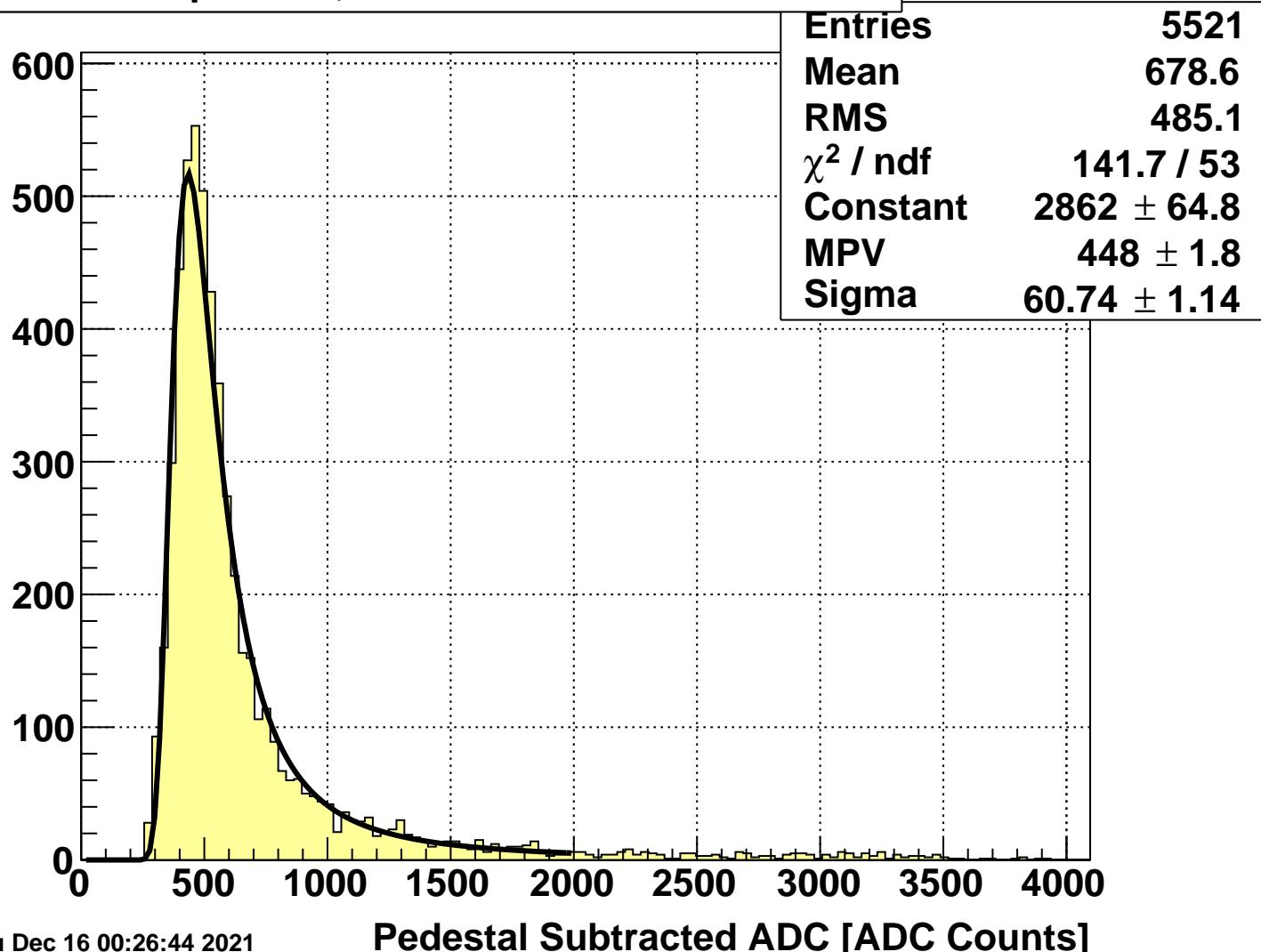


FST - MIP peak ZS, RDO1_ARM1_PORT0_SEC0 P_ZS_Section_4

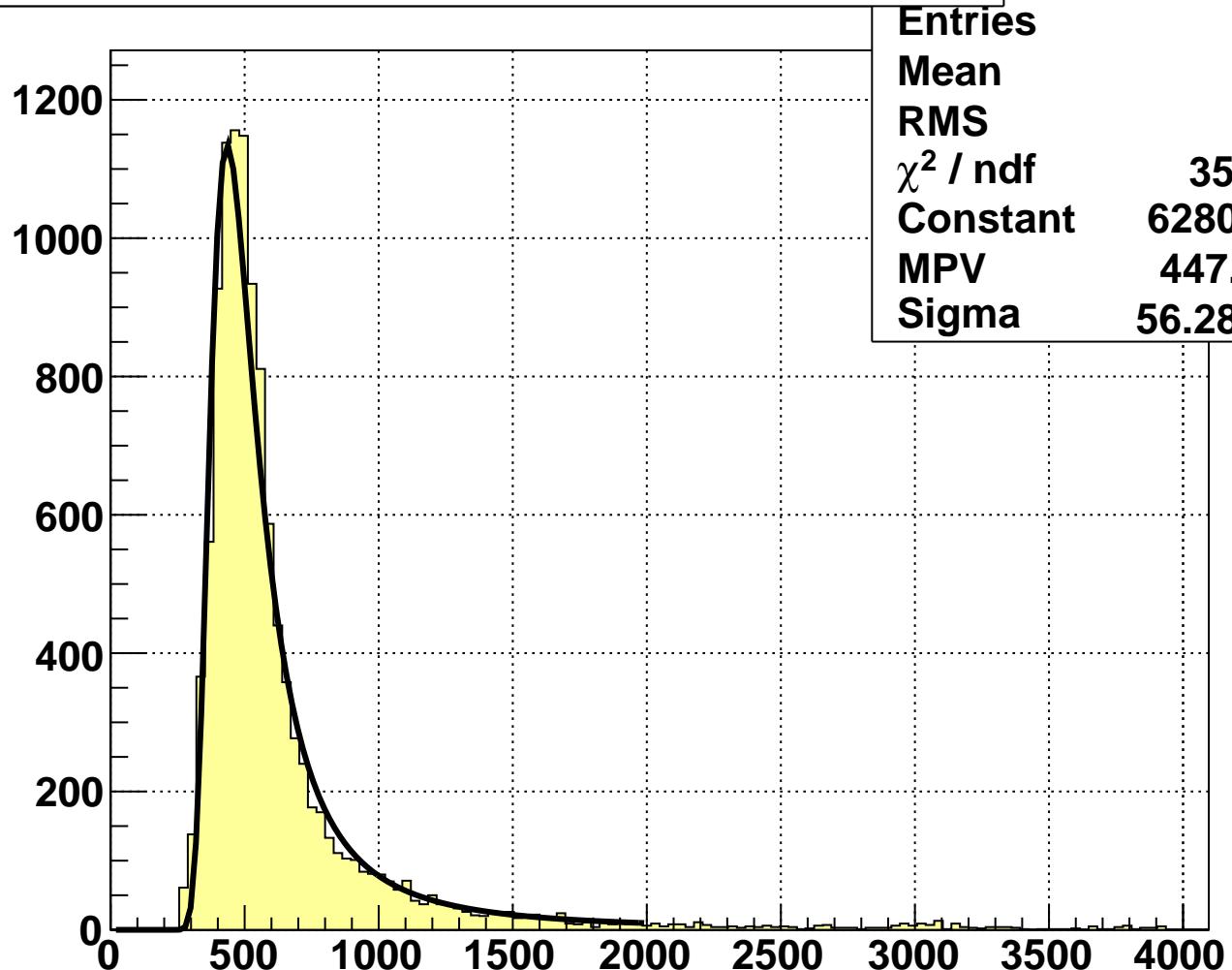


FST - MIP peak ZS, RDO1_ARM1_PORT0_SEC1

P_ZS_Section_5

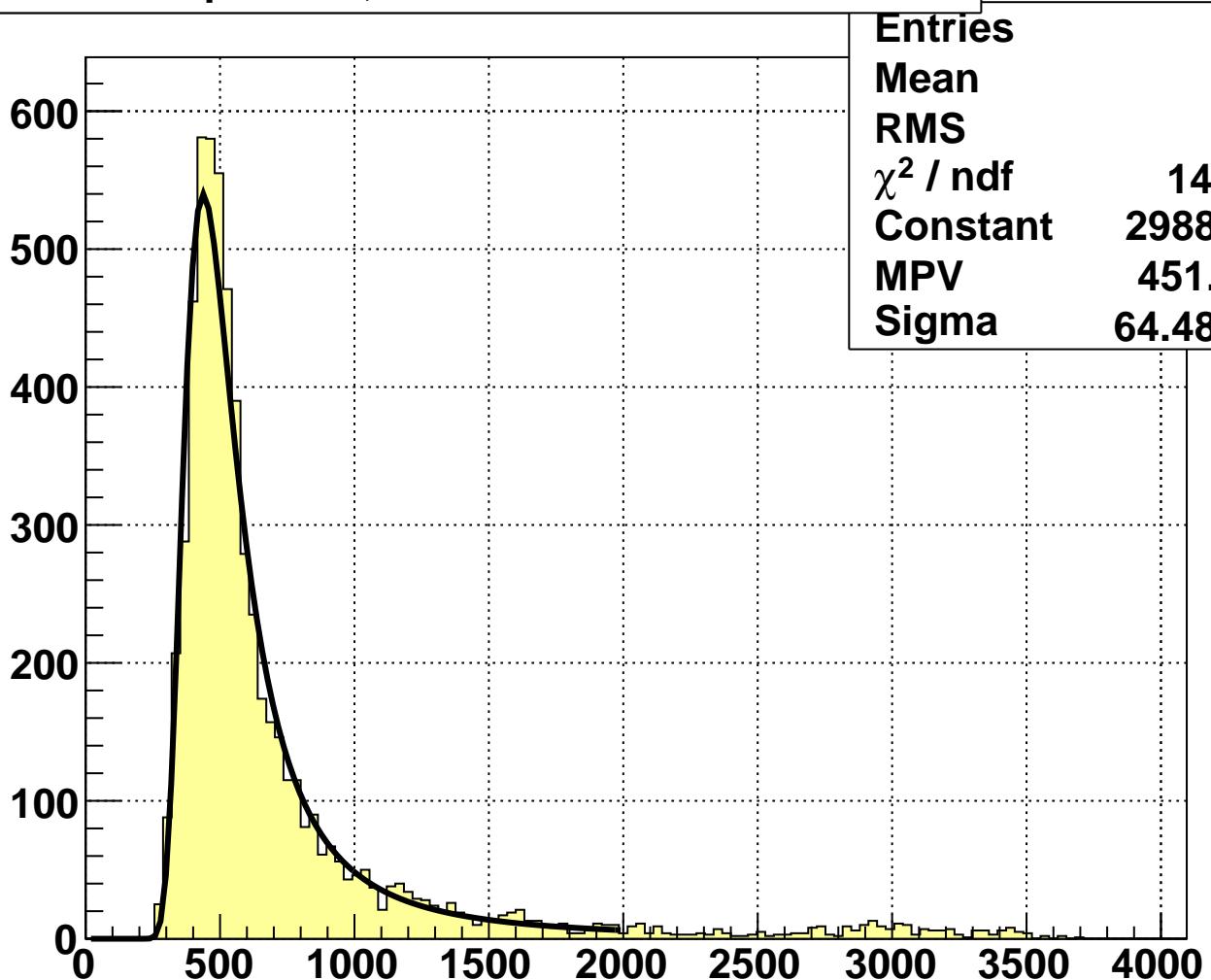


FST - MIP peak ZS, RDO1_ARM1_PORT1_SEC0 P_ZS_Section_6



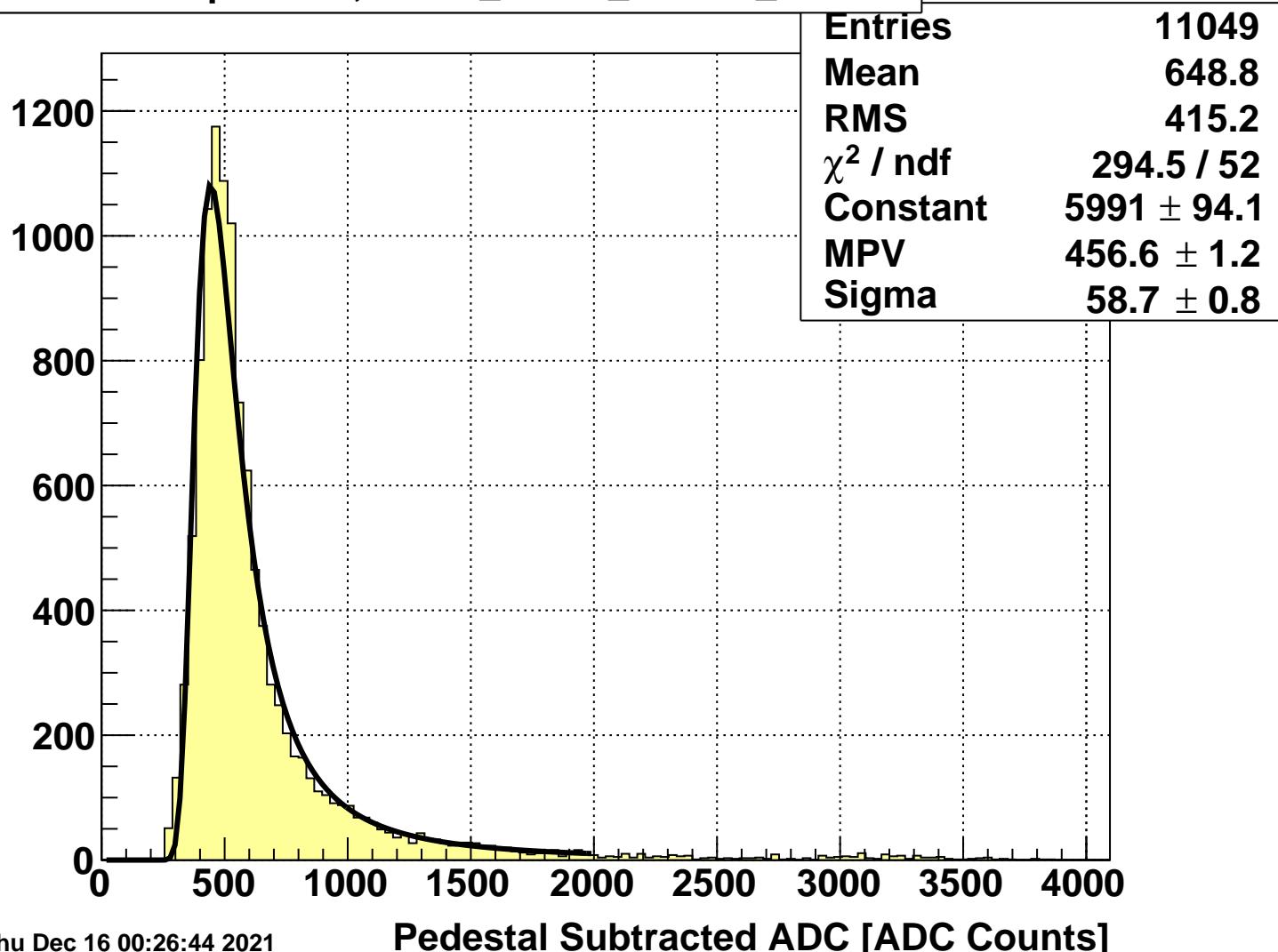
FST - MIP peak ZS, RDO1_ARM1_PORT1_SEC1

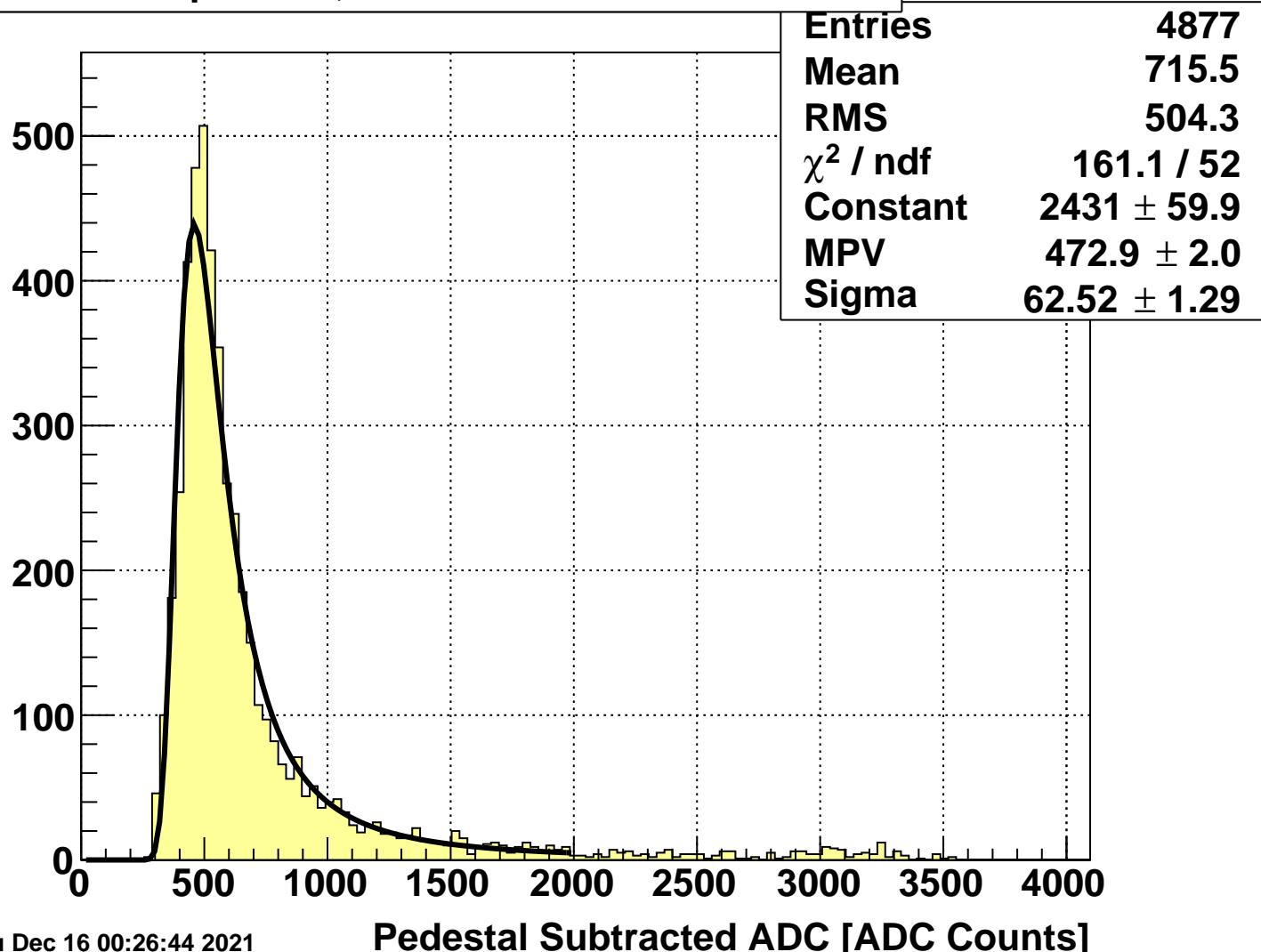
P_ZS_Section_7



FST - MIP peak ZS, RDO1_ARM2_PORT0_SEC0

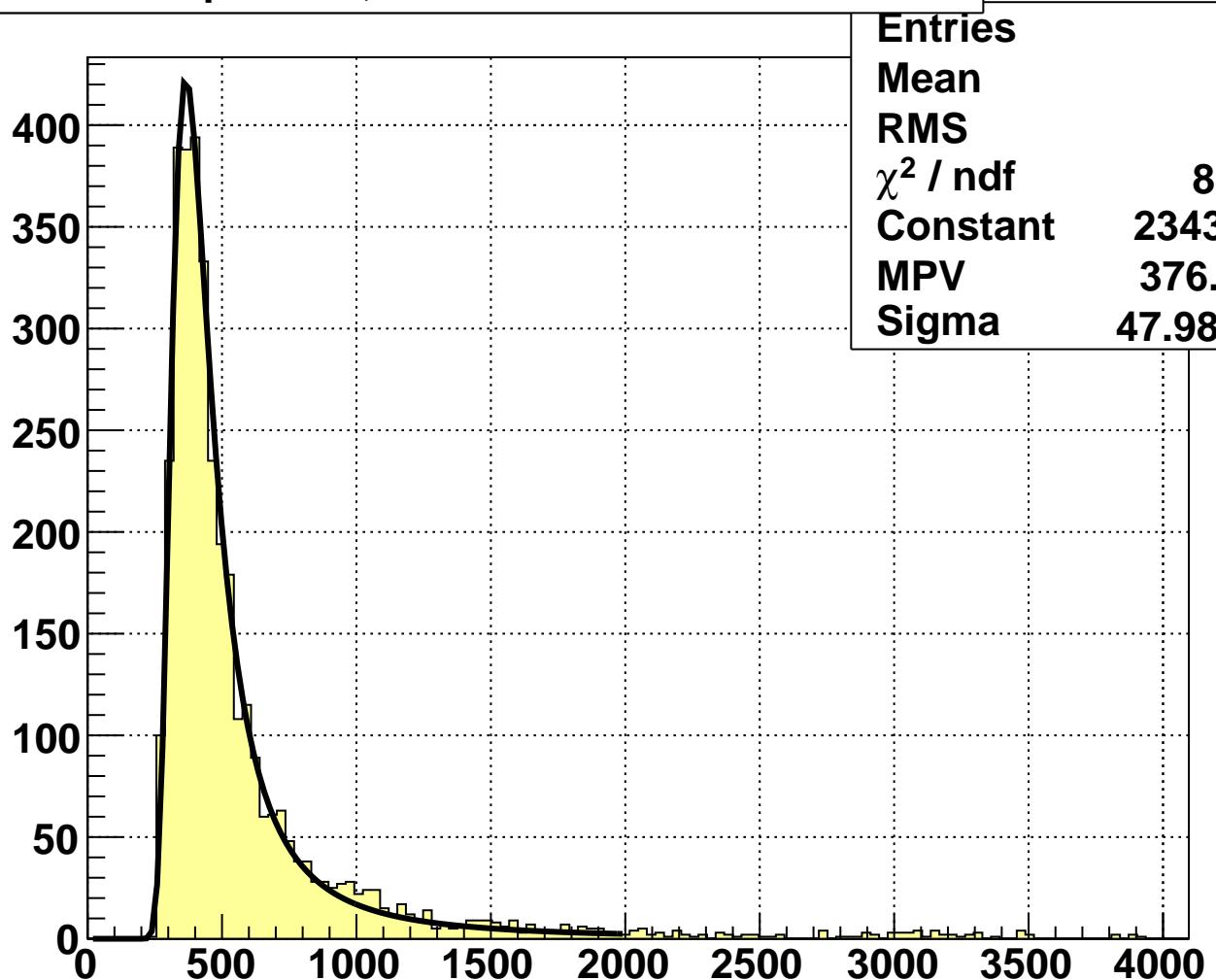
P_ZS_Section_8



FST - MIP peak ZS, RDO1_ARM2_PORT0_SEC1 P_ZS_Section_9

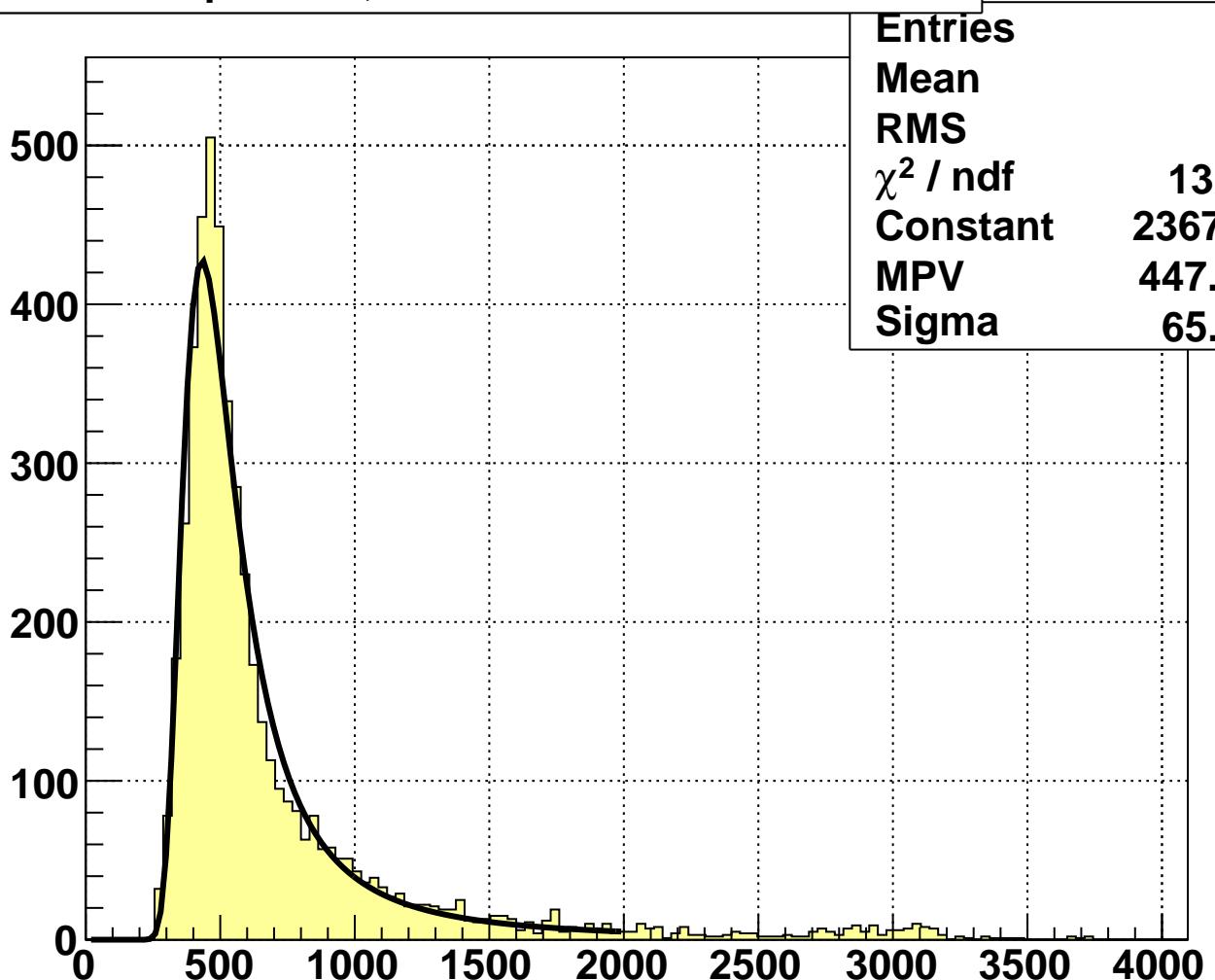
FST - MIP peak ZS, RDO1_ARM2_PORT1_SEC0

ZS_Section_10



FST - MIP peak ZS, RDO1_ARM2_PORT1_SEC1

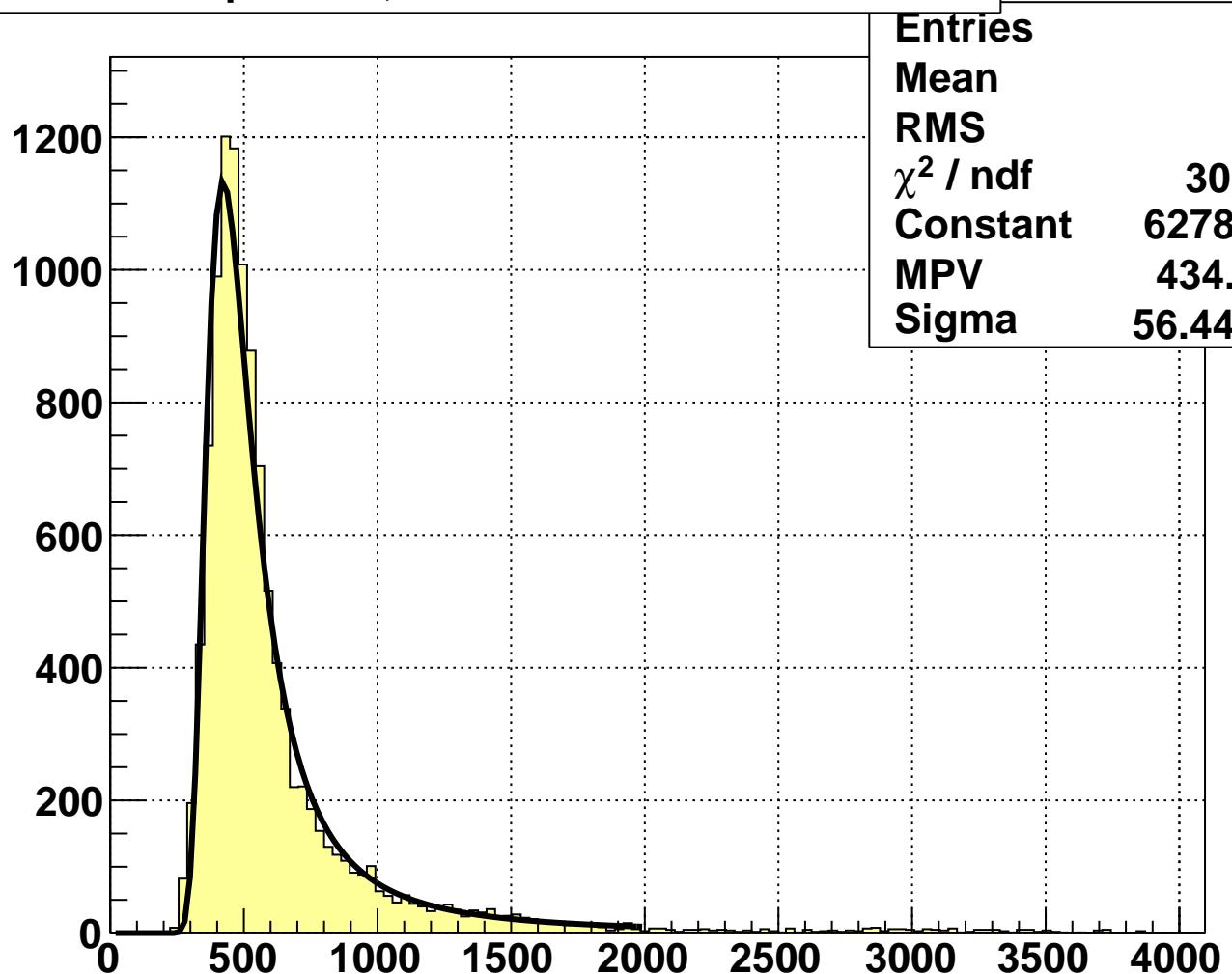
ZS_Section_11

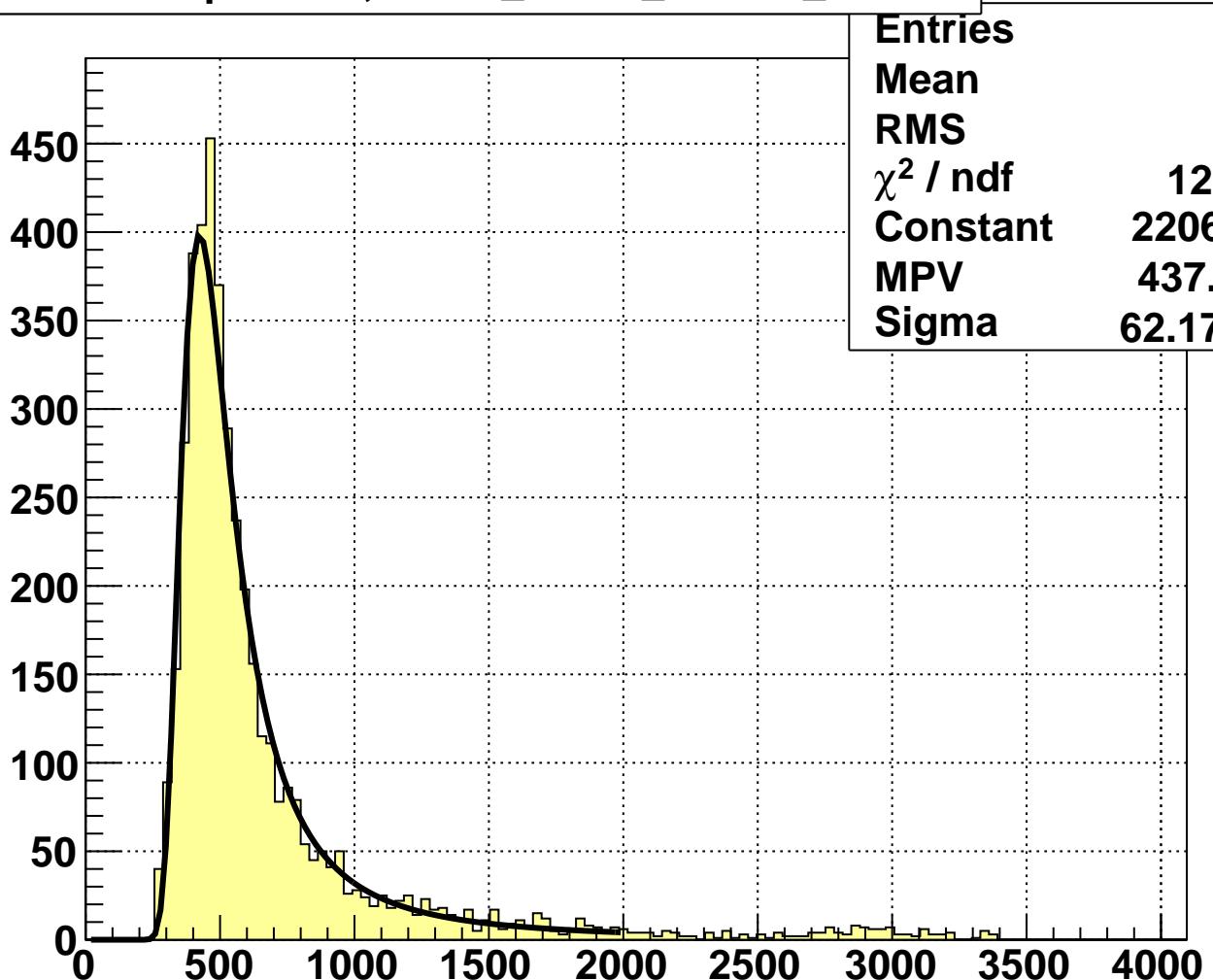


Entries	4967
Mean	707.2
RMS	513.1
χ^2 / ndf	132.6 / 52
Constant	2367 ± 55.1
MPV	447.3 ± 2.0
Sigma	65.8 ± 1.2

FST - MIP peak ZS, RDO2_ARM0_PORT0_SEC0

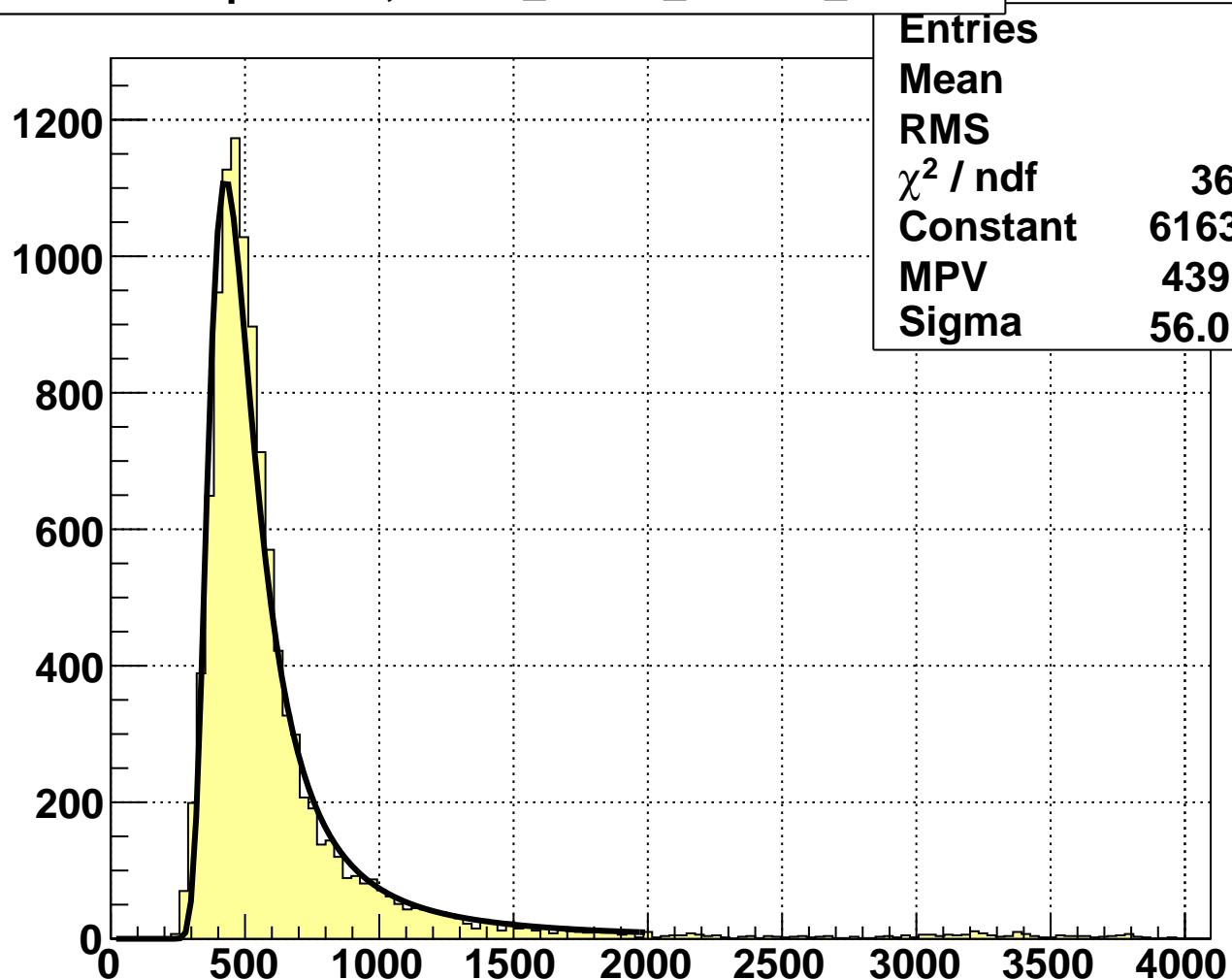
ZS_Section_12

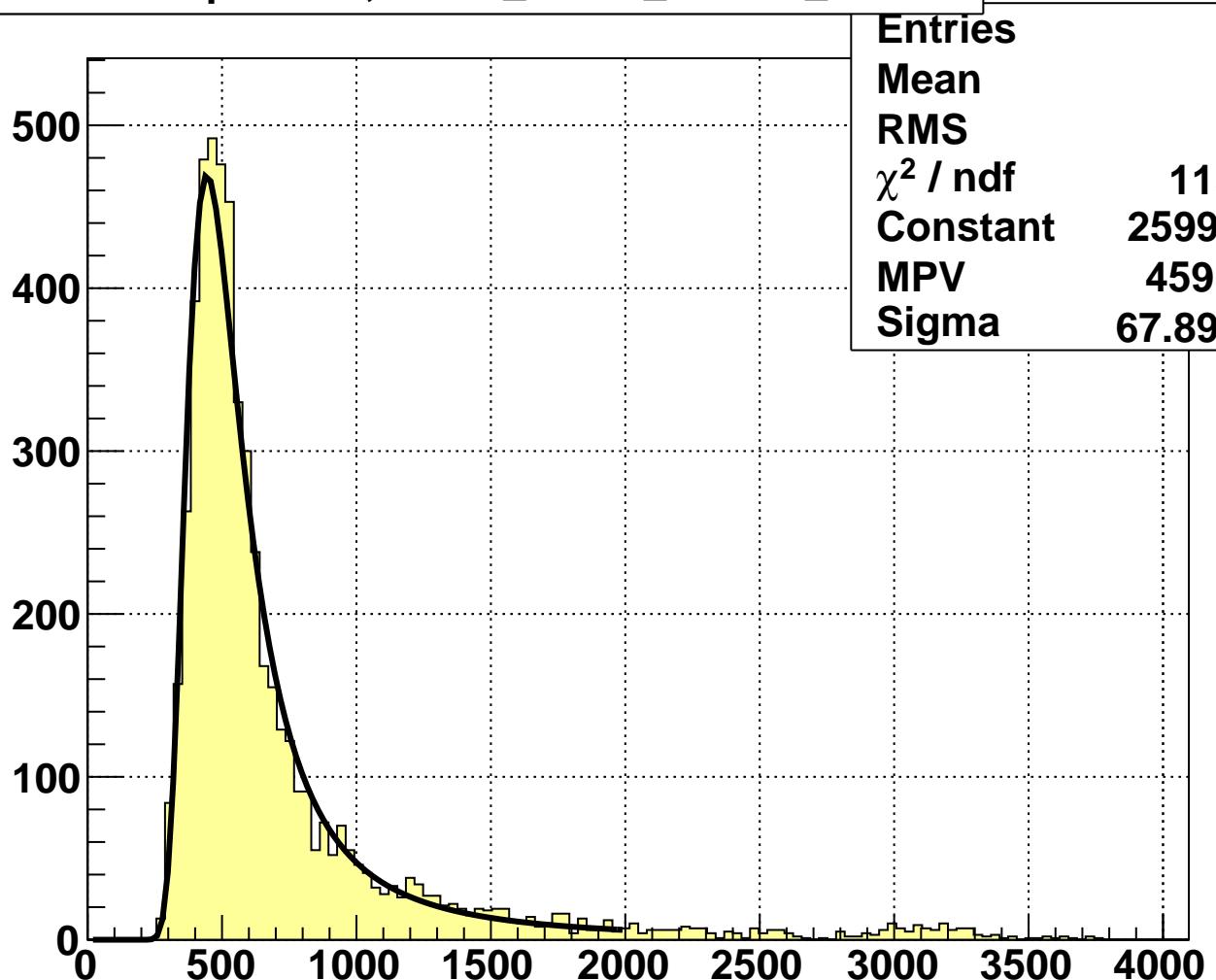




FST - MIP peak ZS, RDO2_ARM0_PORT1_SEC0

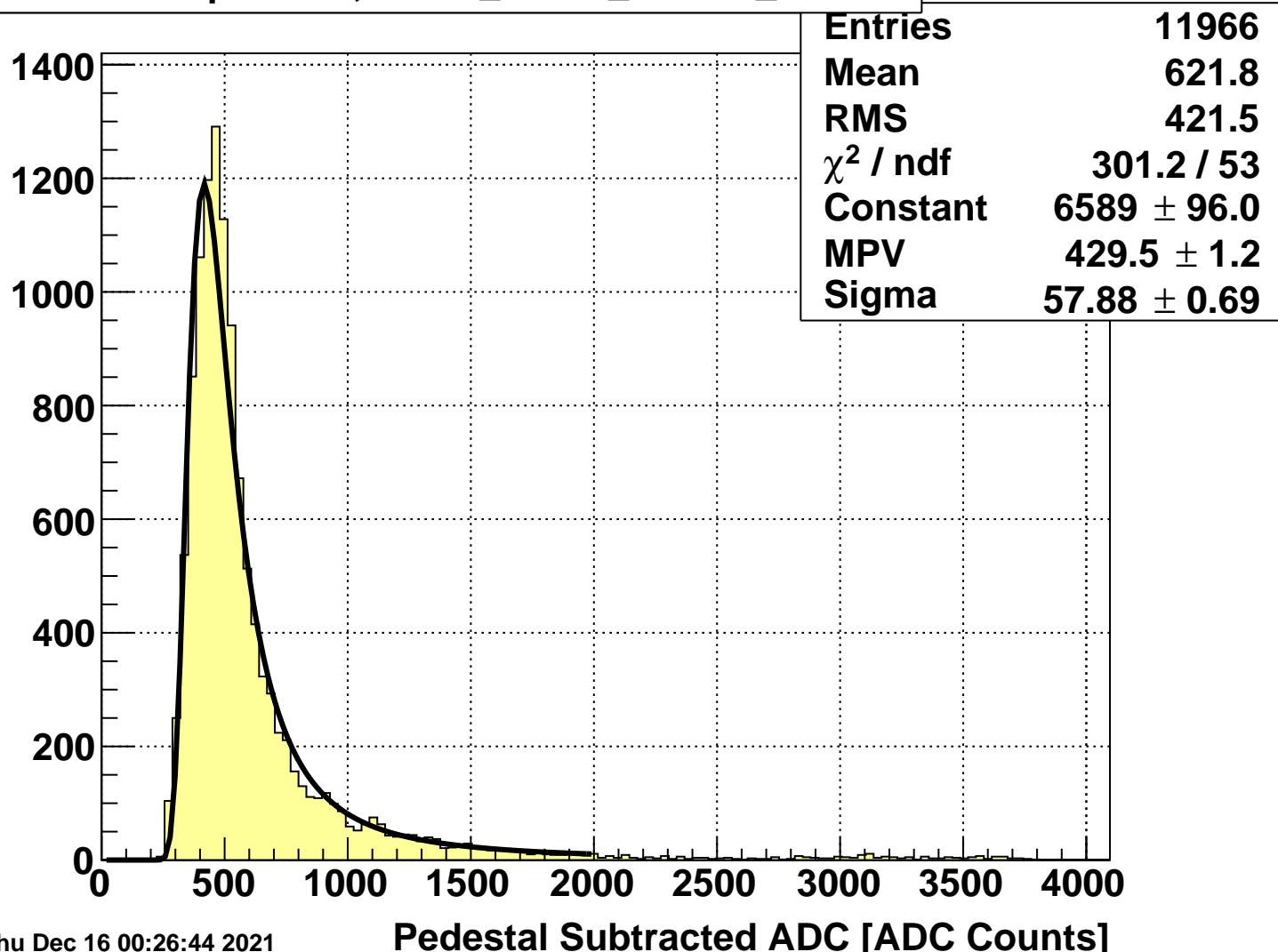
ZS_Section_14

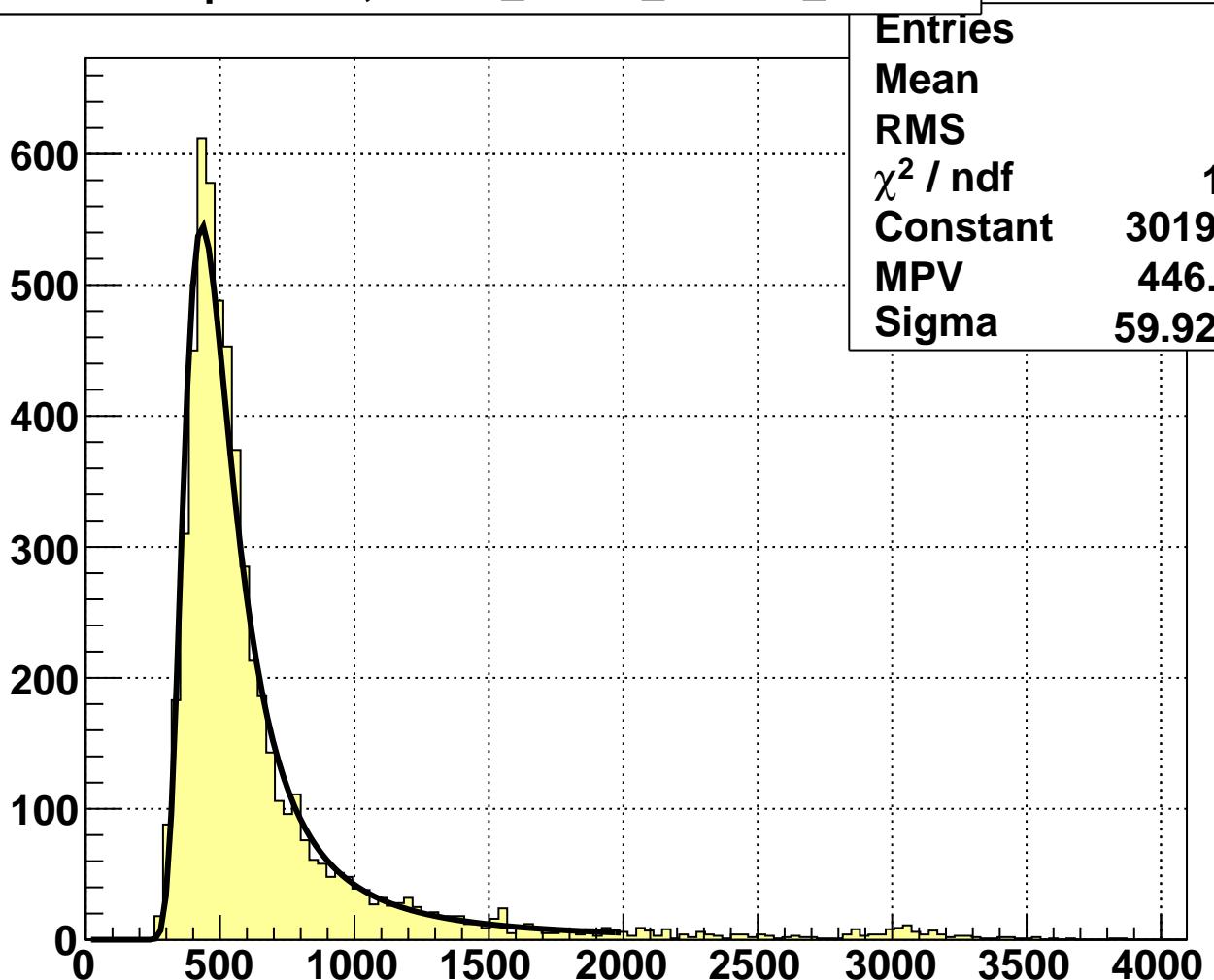




FST - MIP peak ZS, RDO2_ARM1_PORT0_SEC0

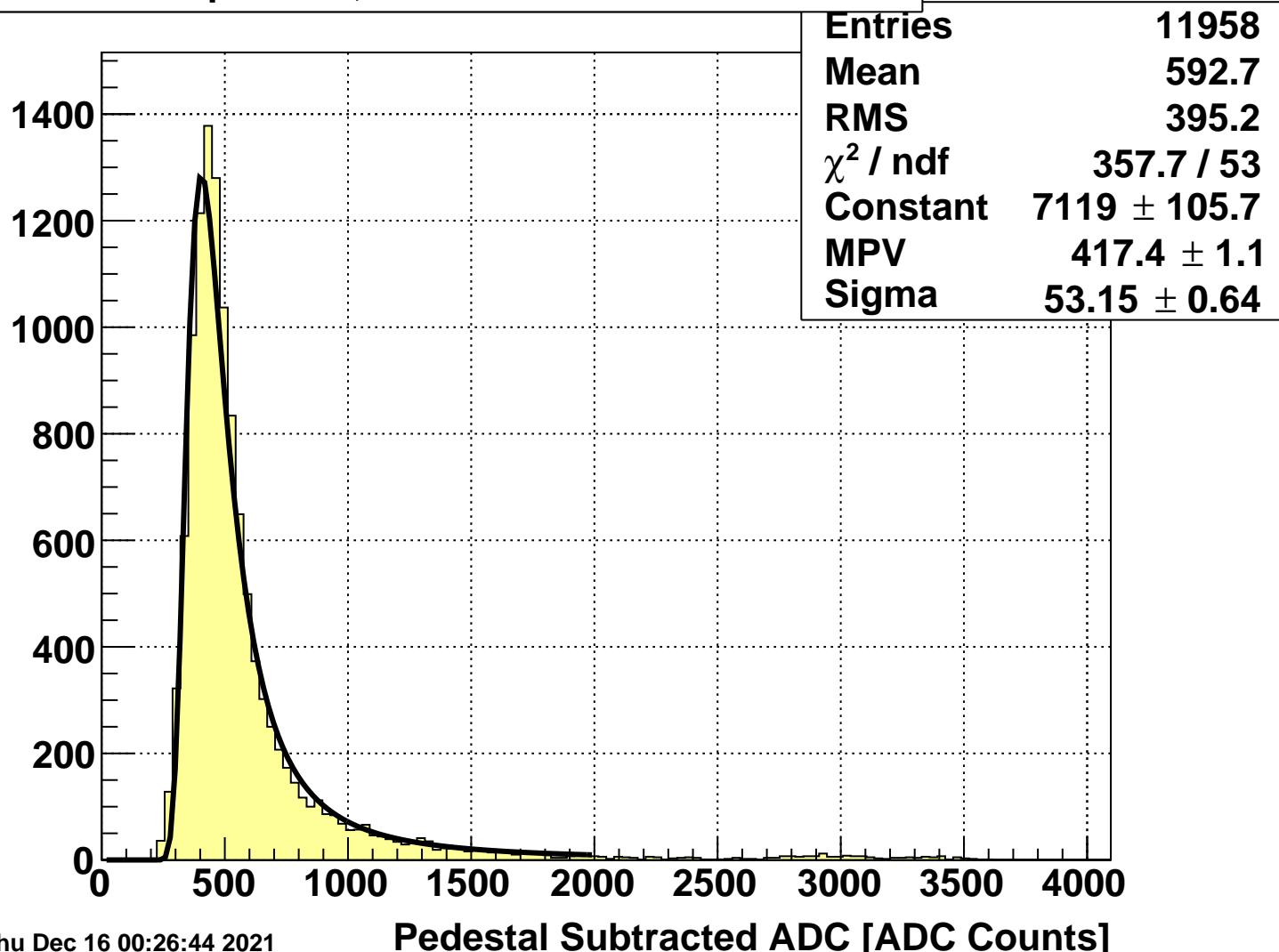
ZS_Section_16

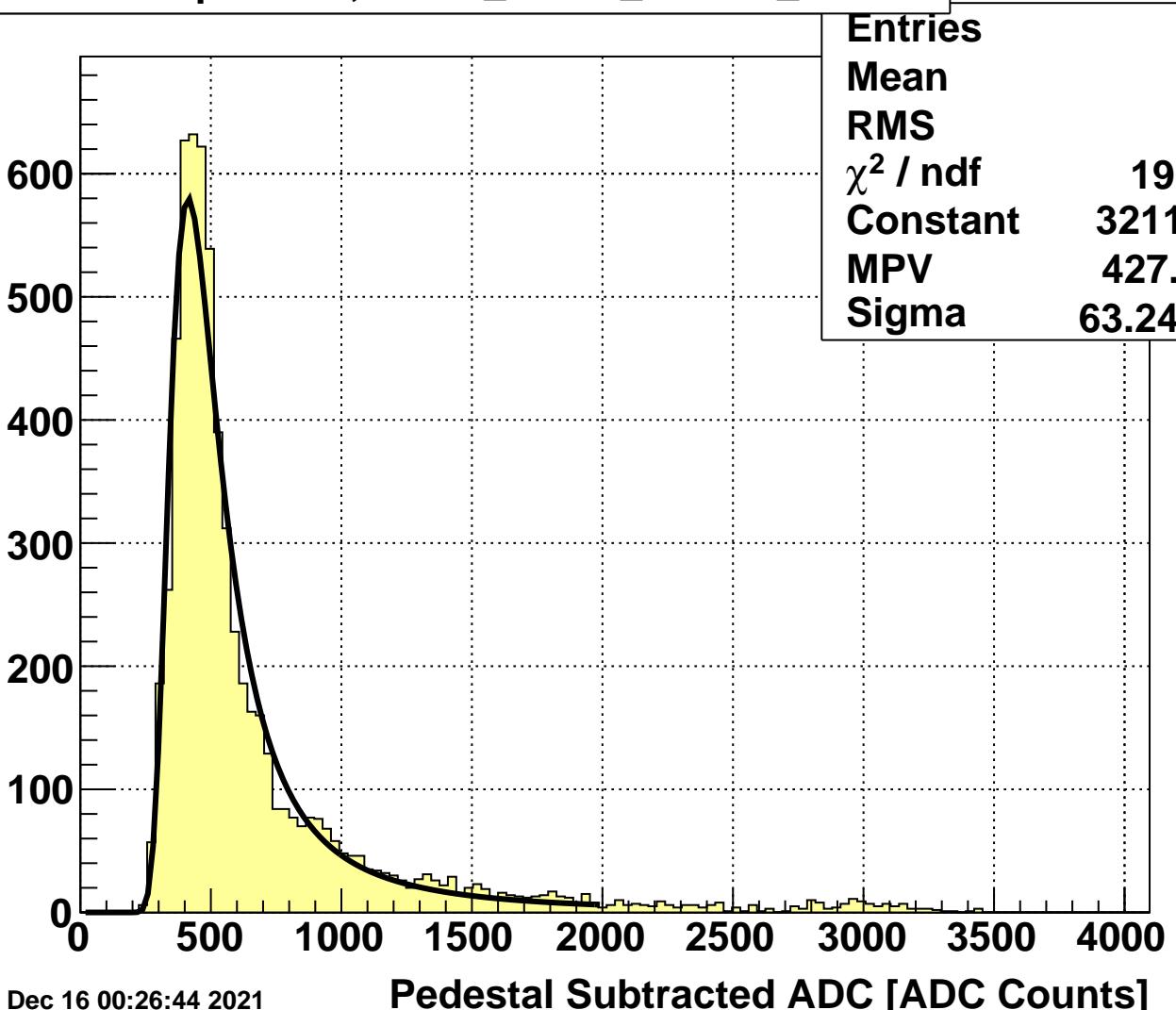


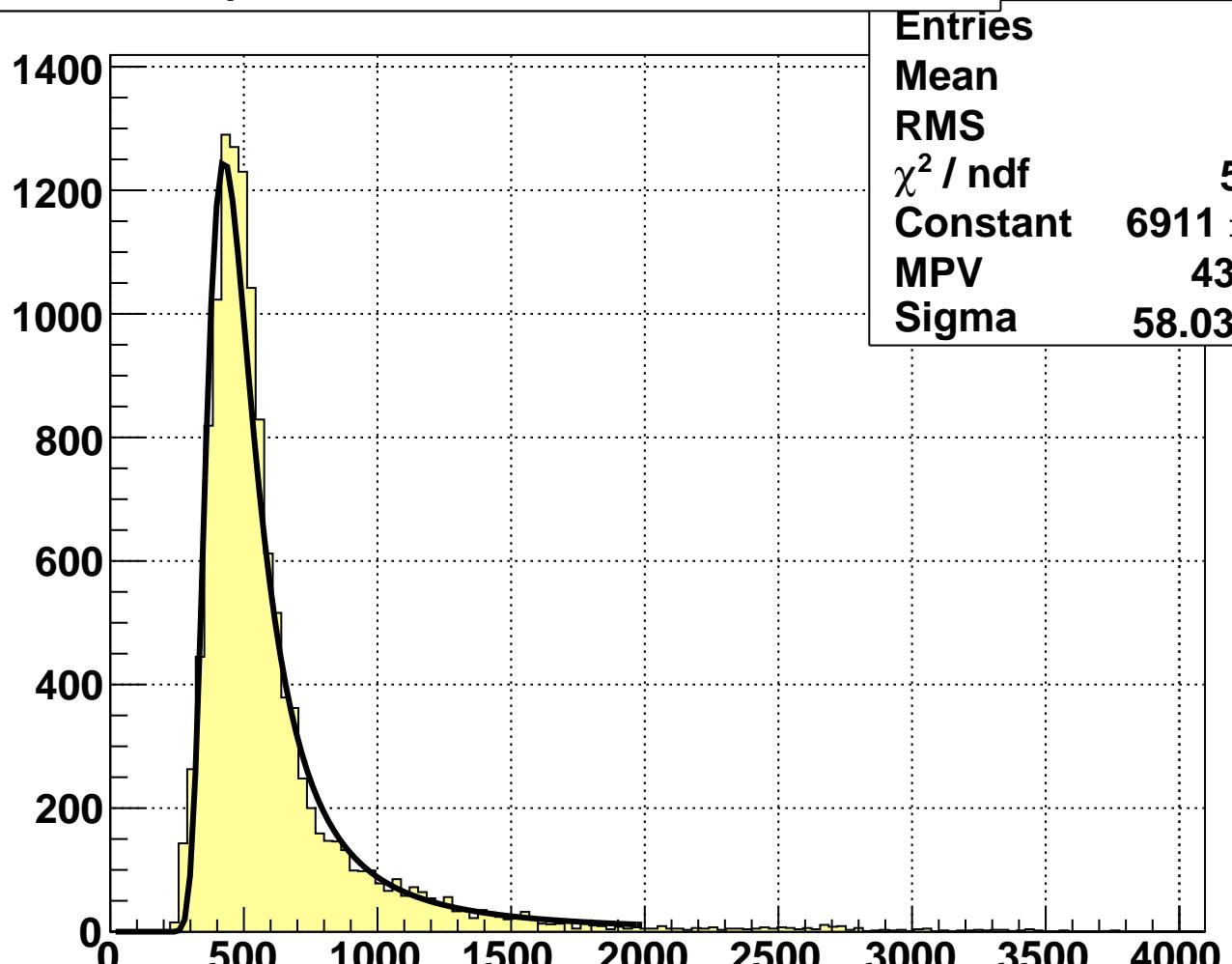


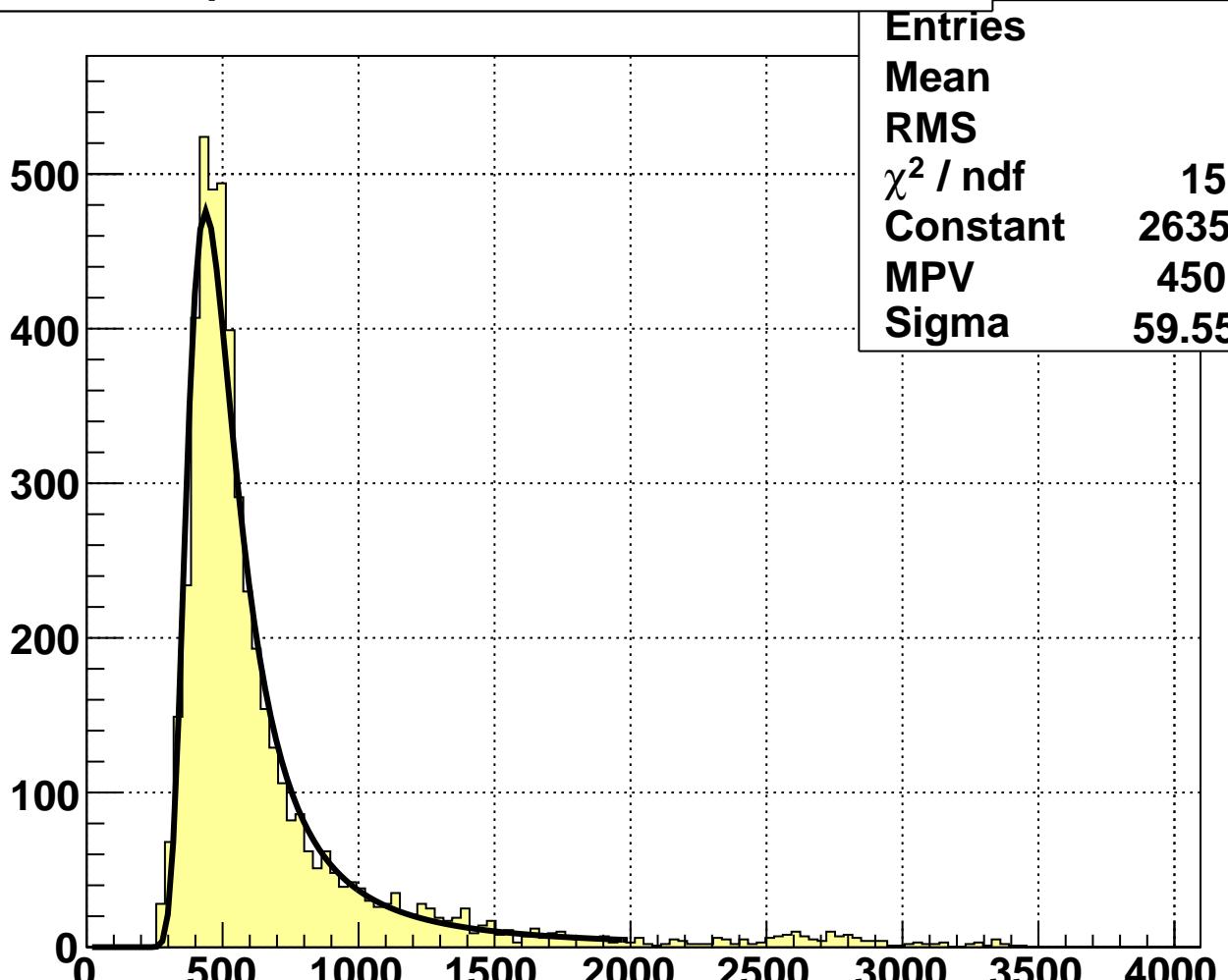
FST - MIP peak ZS, RDO2_ARM1_PORT1_SEC0

ZS_Section_18



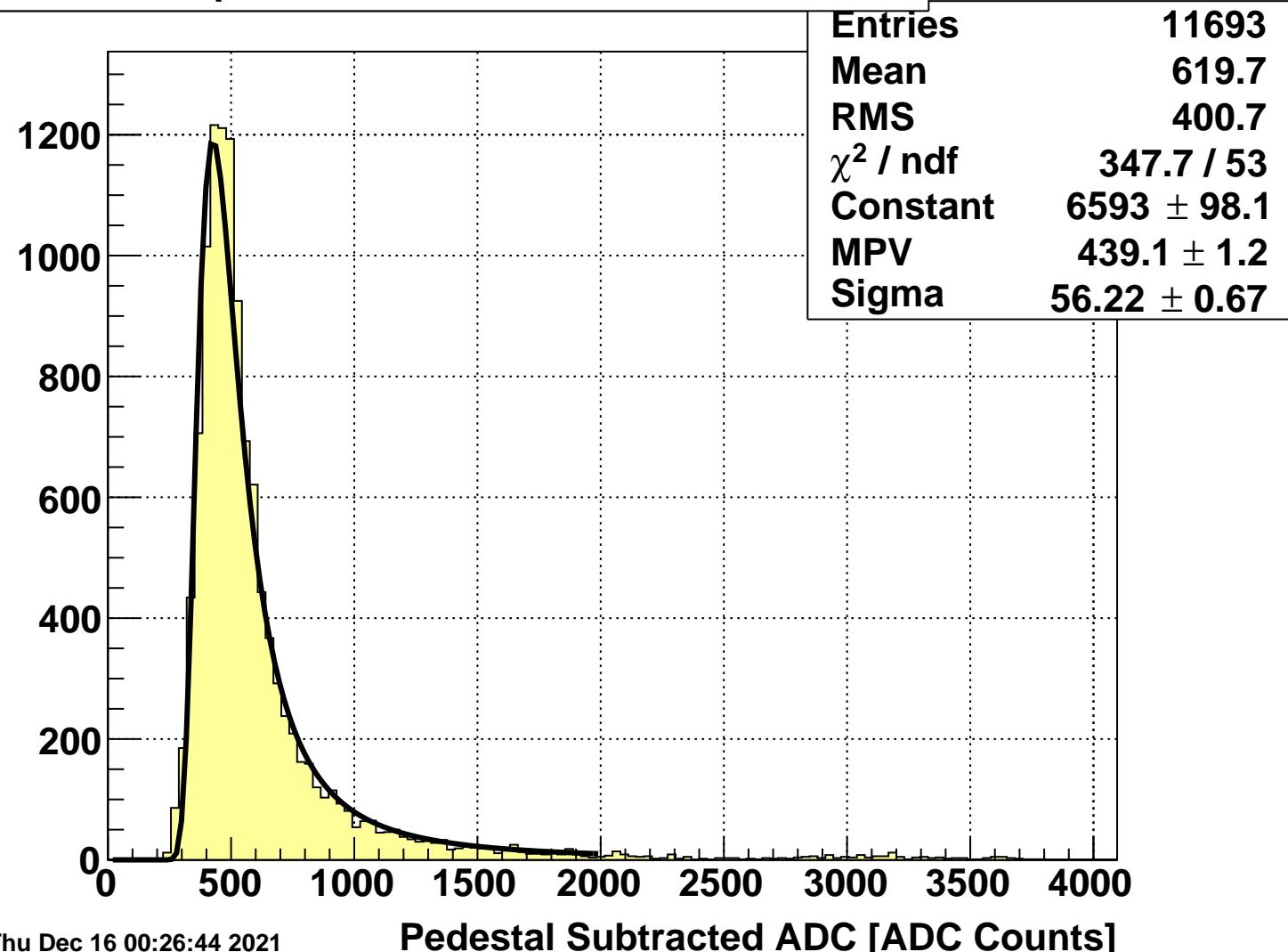


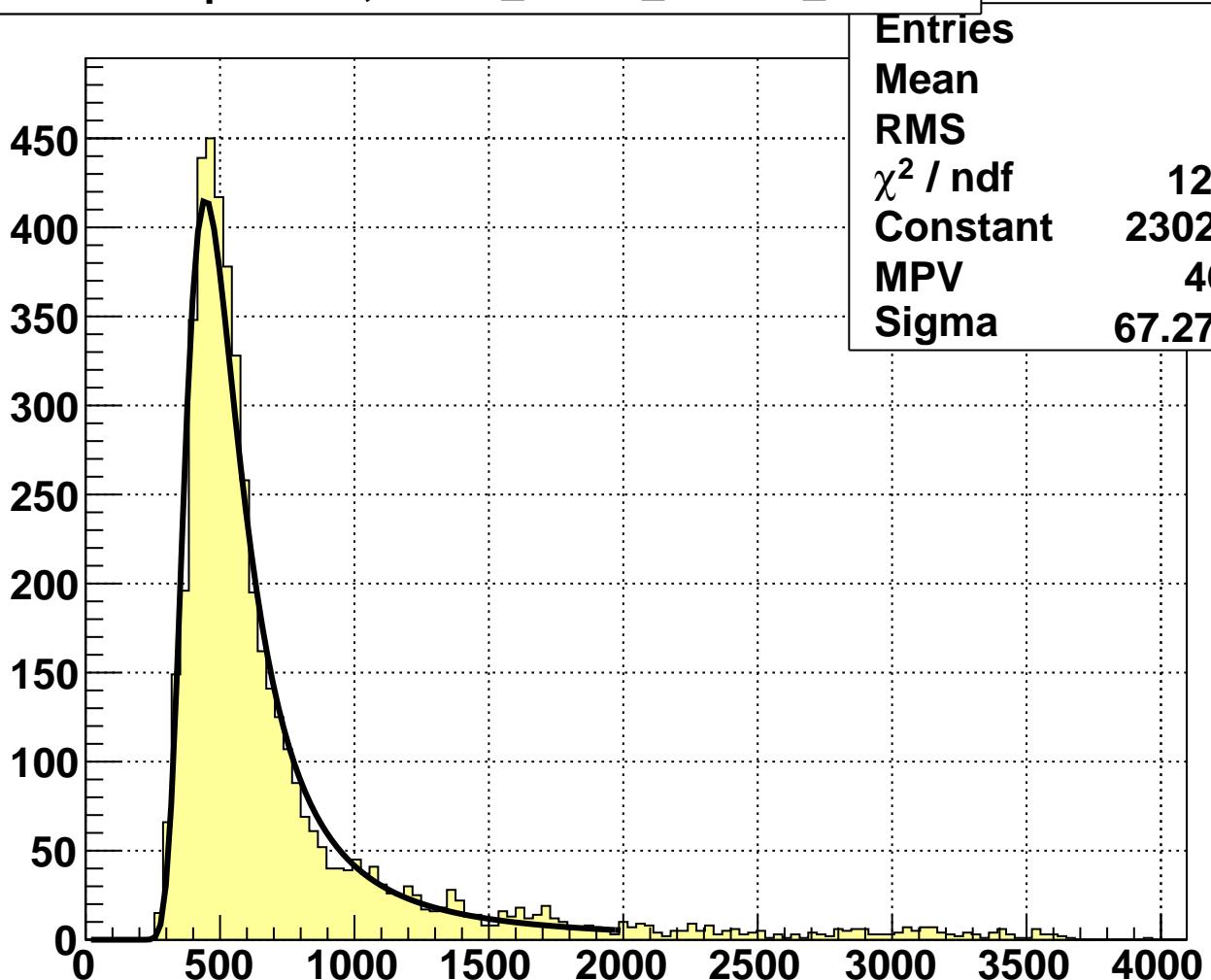




FST - MIP peak ZS, RDO2_ARM2_PORT1_SEC0

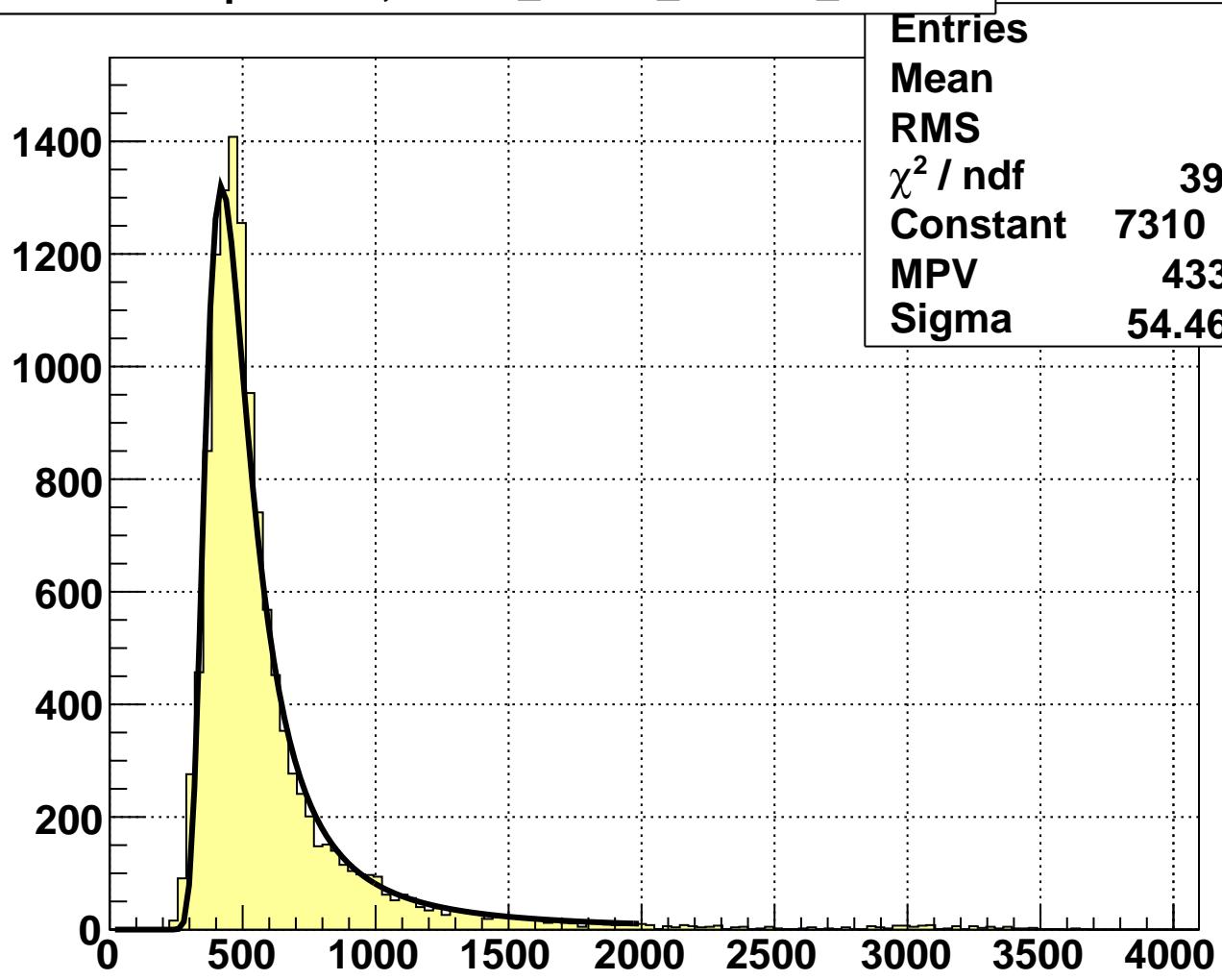
ZS_Section_22

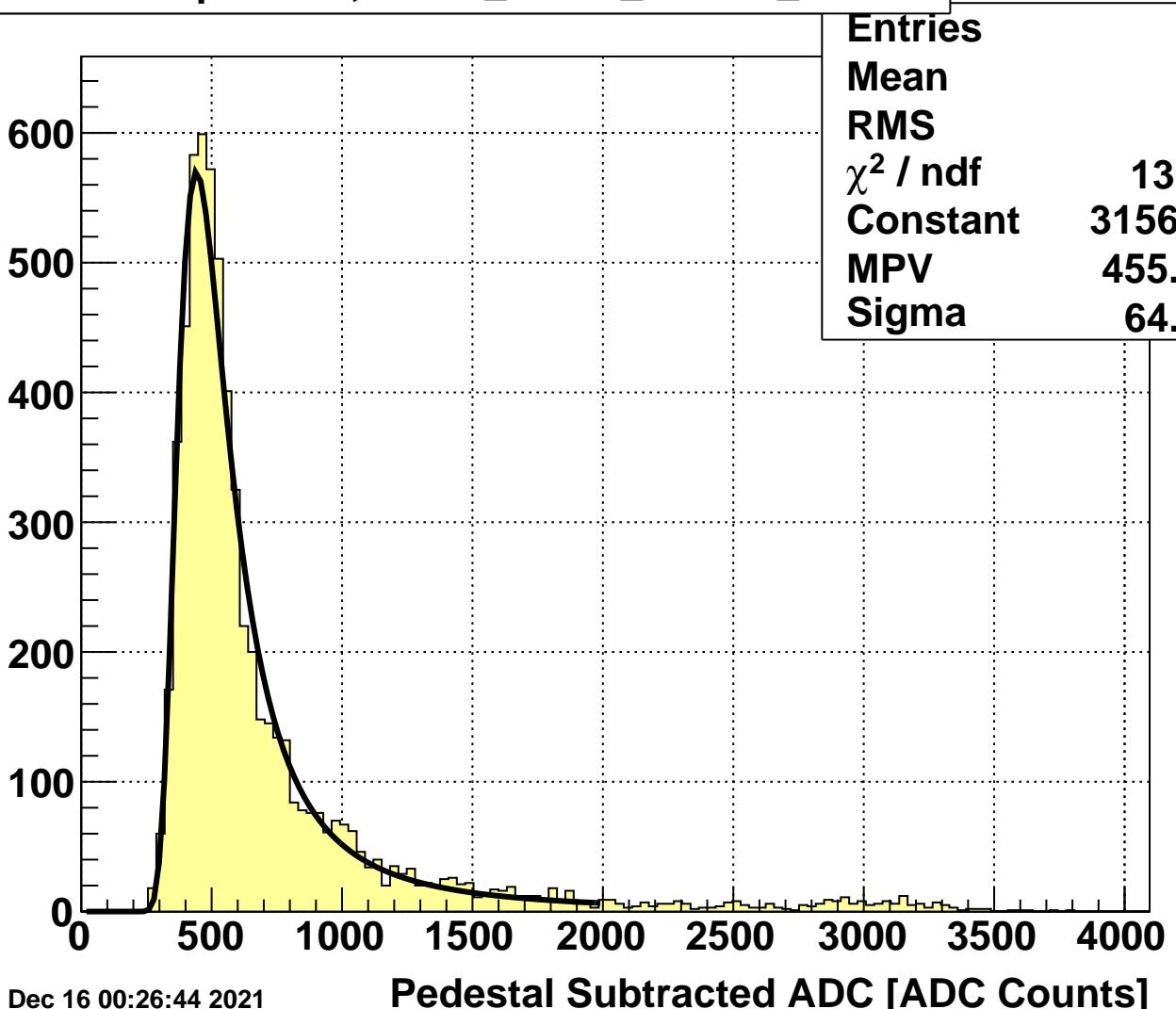




FST - MIP peak ZS, RDO3_ARM0_PORT0_SEC0

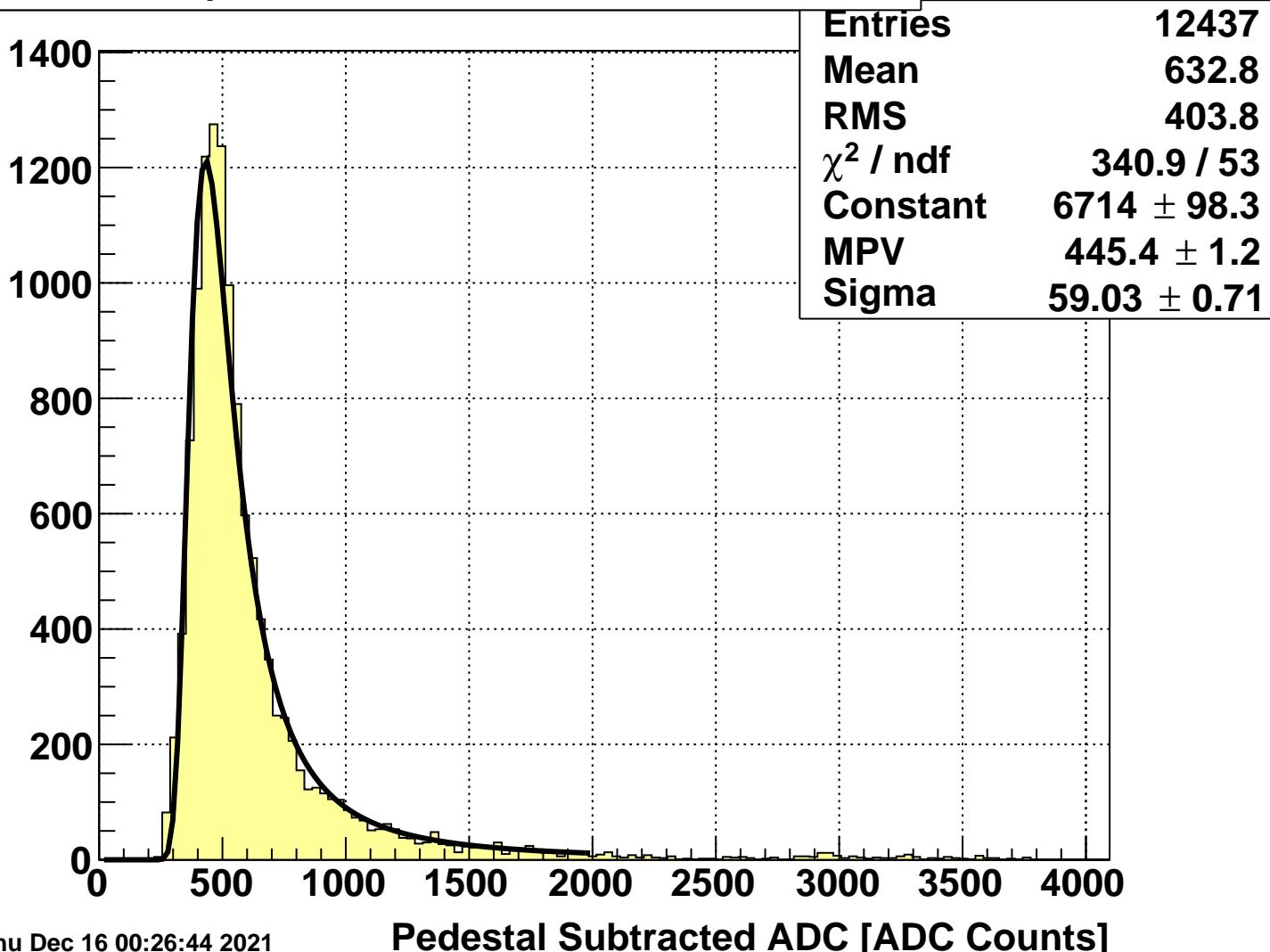
ZS_Section_24

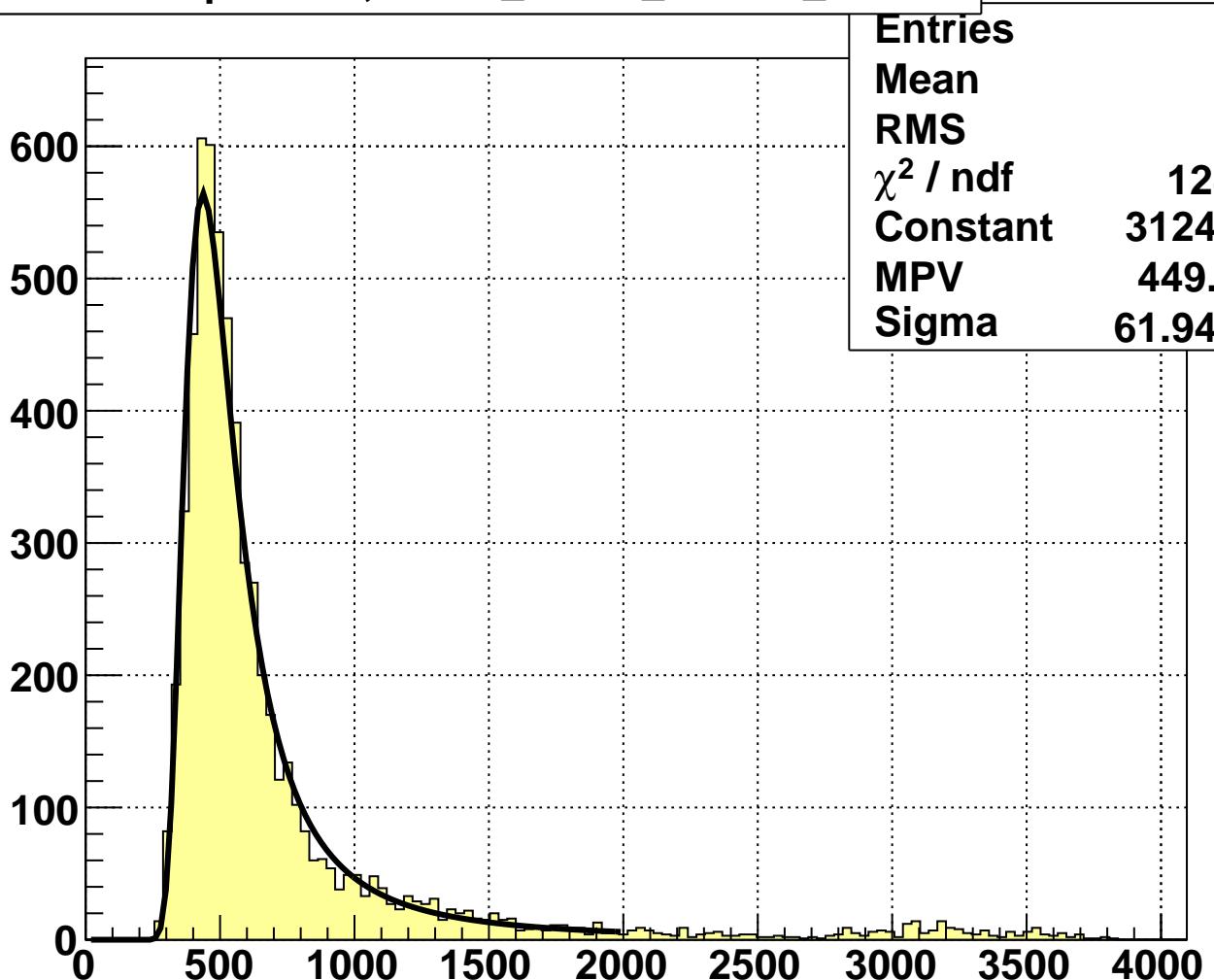




FST - MIP peak ZS, RDO3_ARM0_PORT1_SEC0

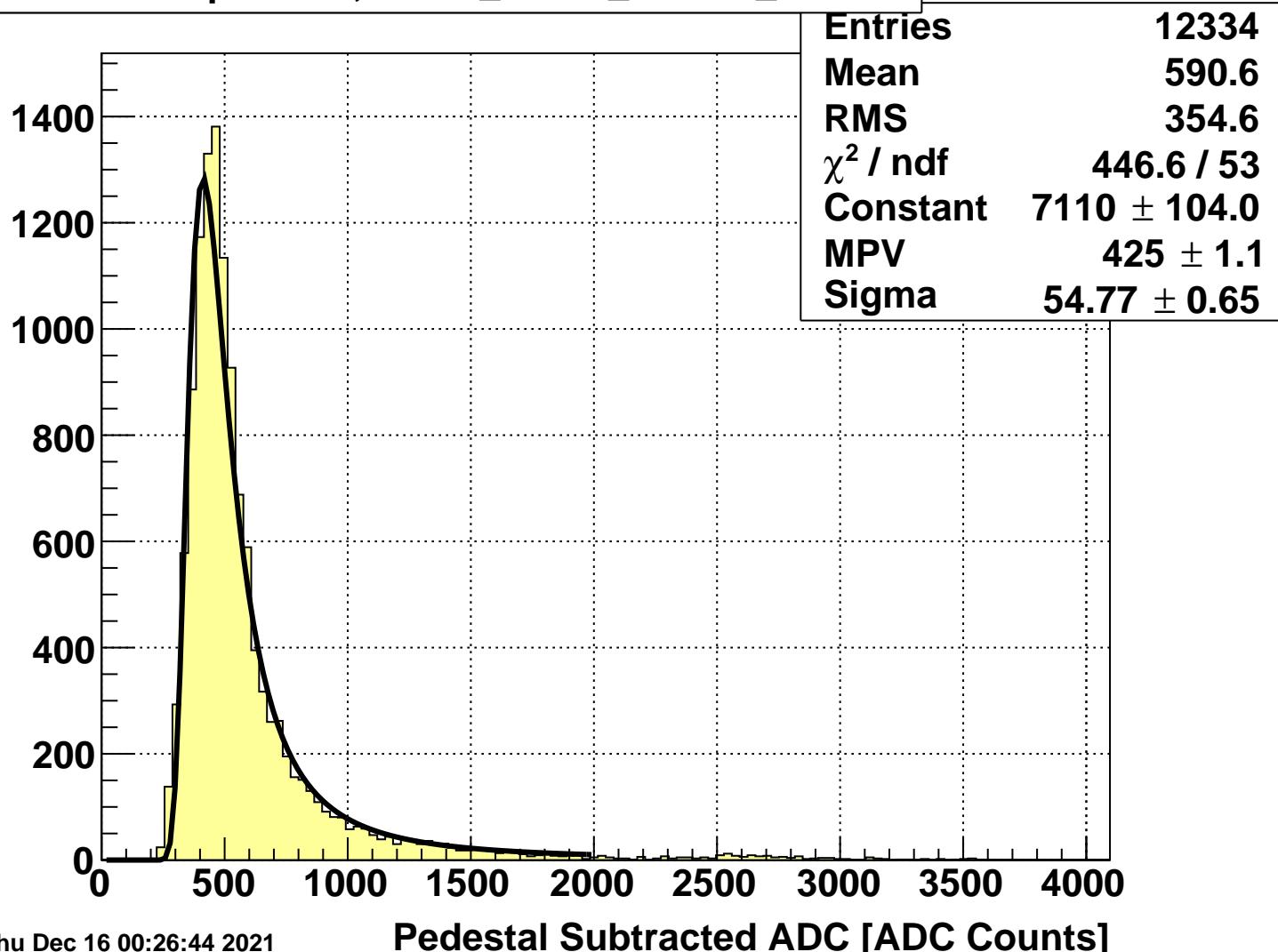
_ZS_Section_26

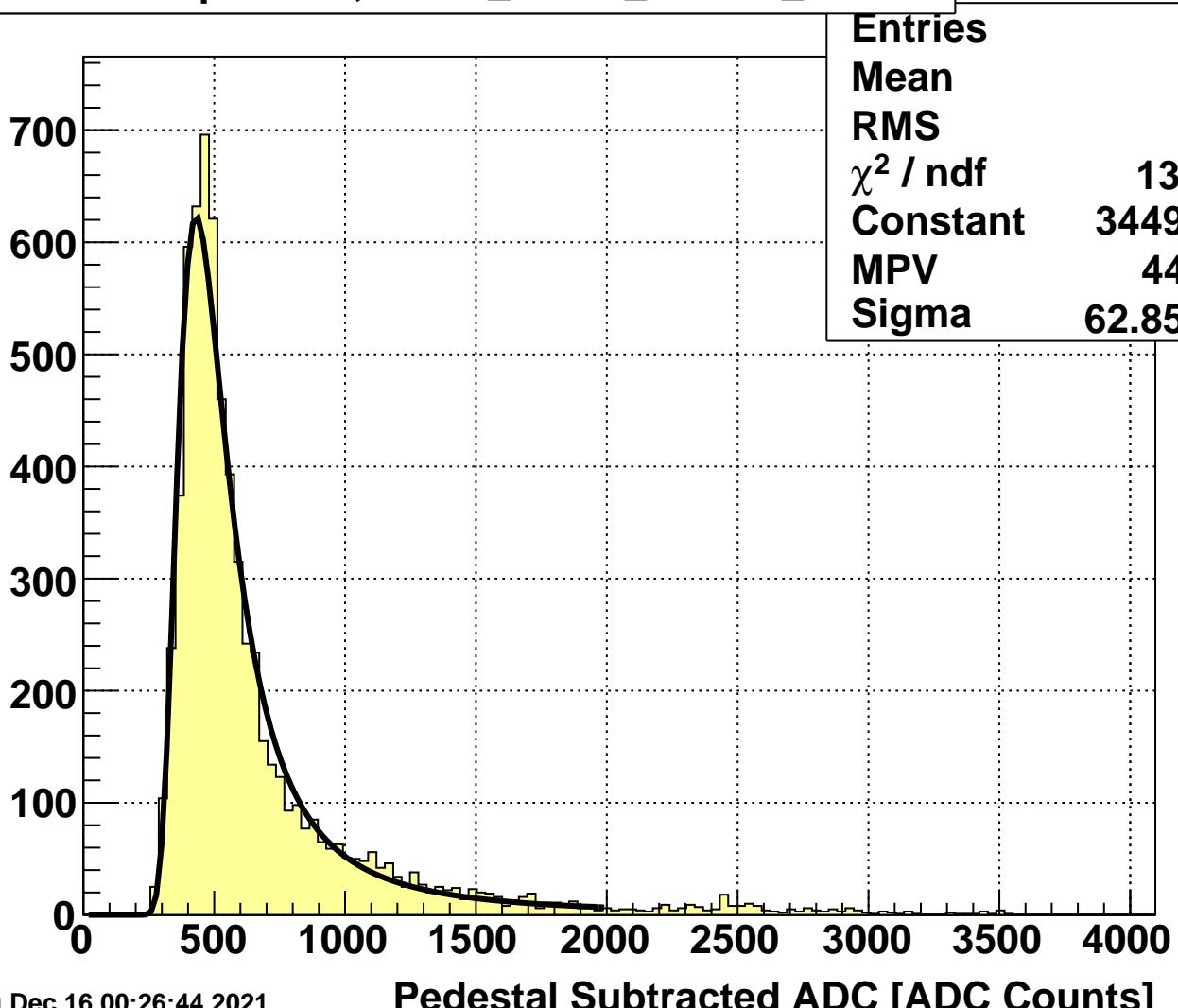




FST - MIP peak ZS, RDO3_ARM1_PORT0_SEC0

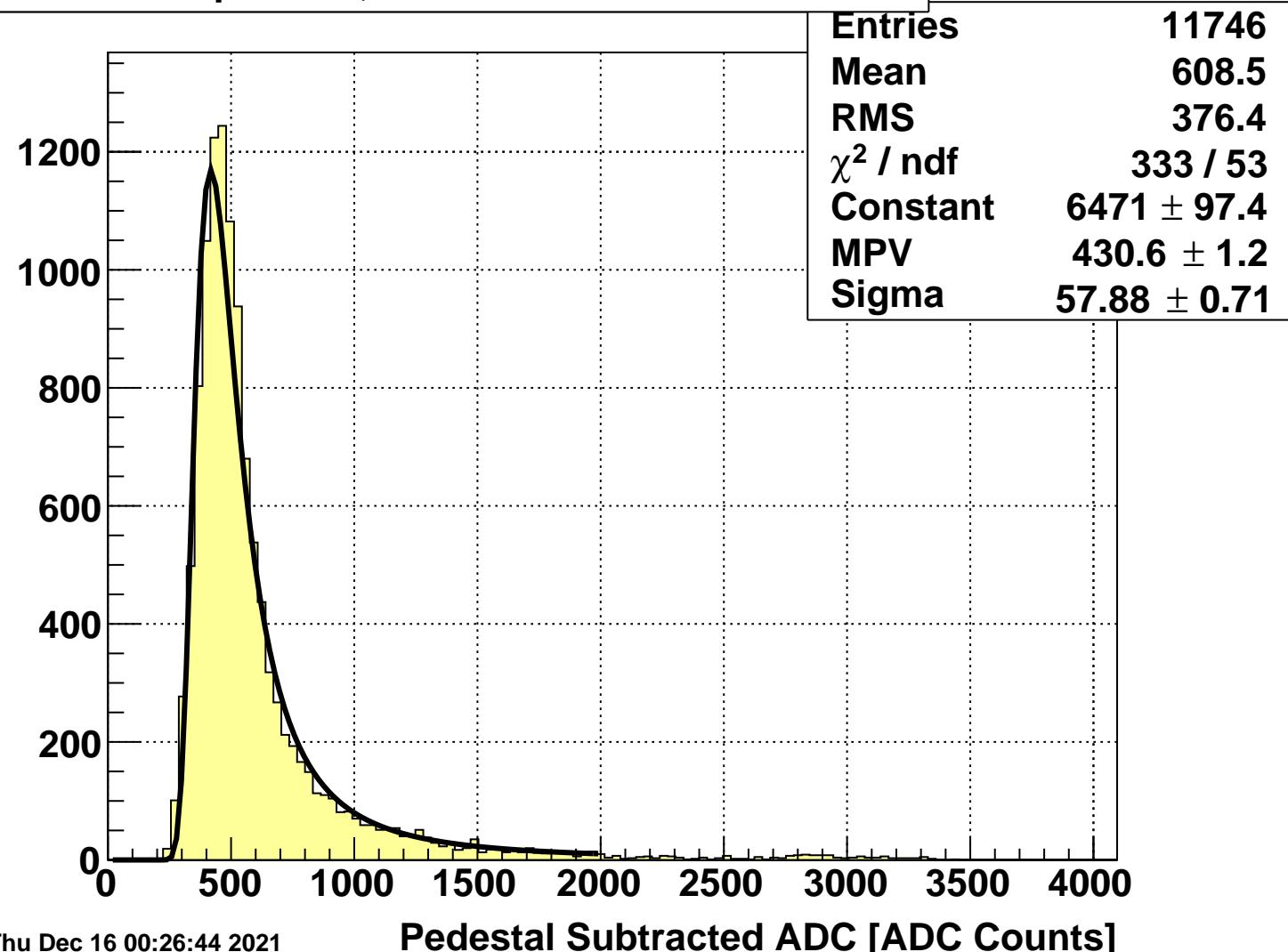
ZS_Section_28





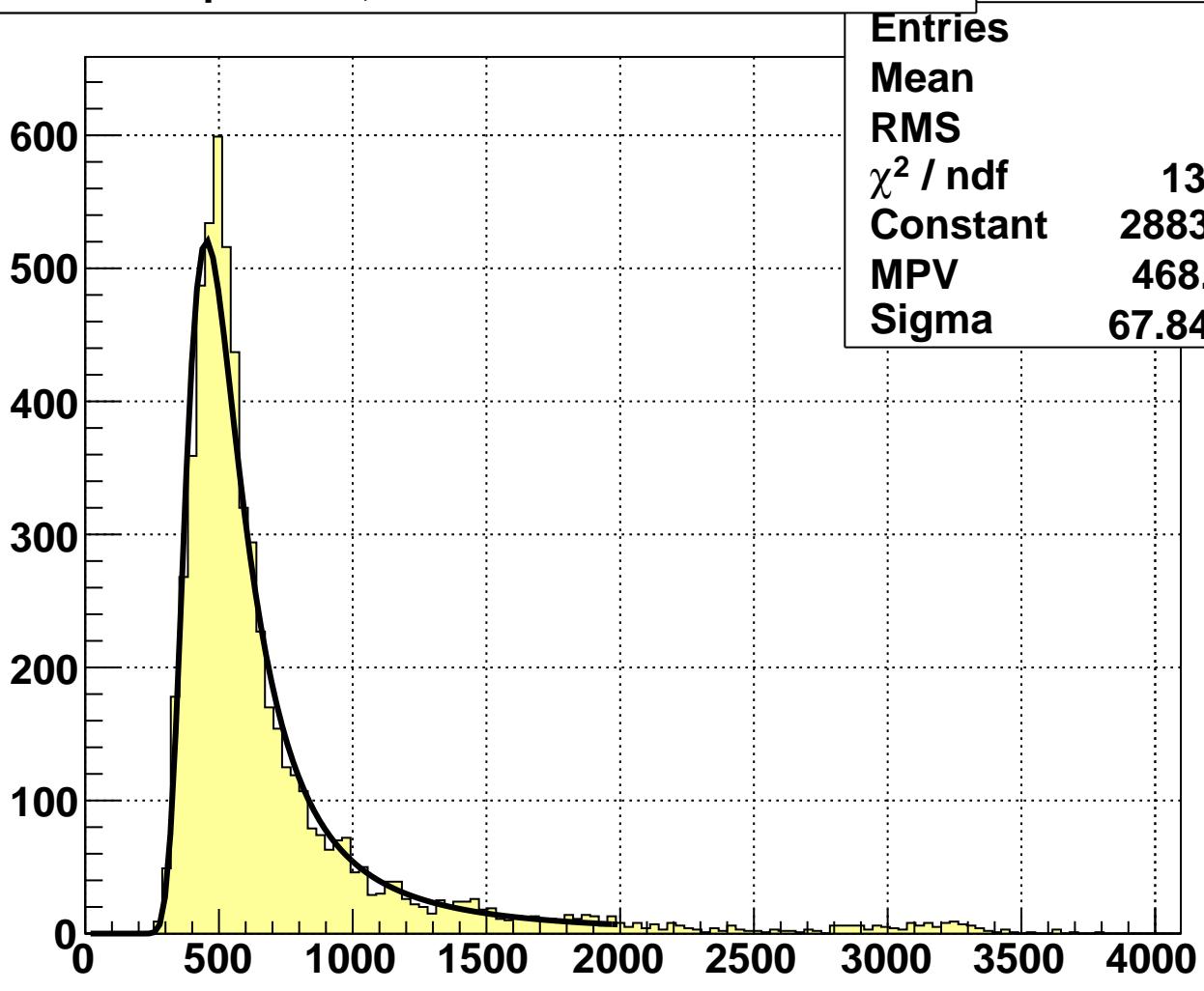
FST - MIP peak ZS, RDO3_ARM1_PORT1_SEC0

ZS_Section_30



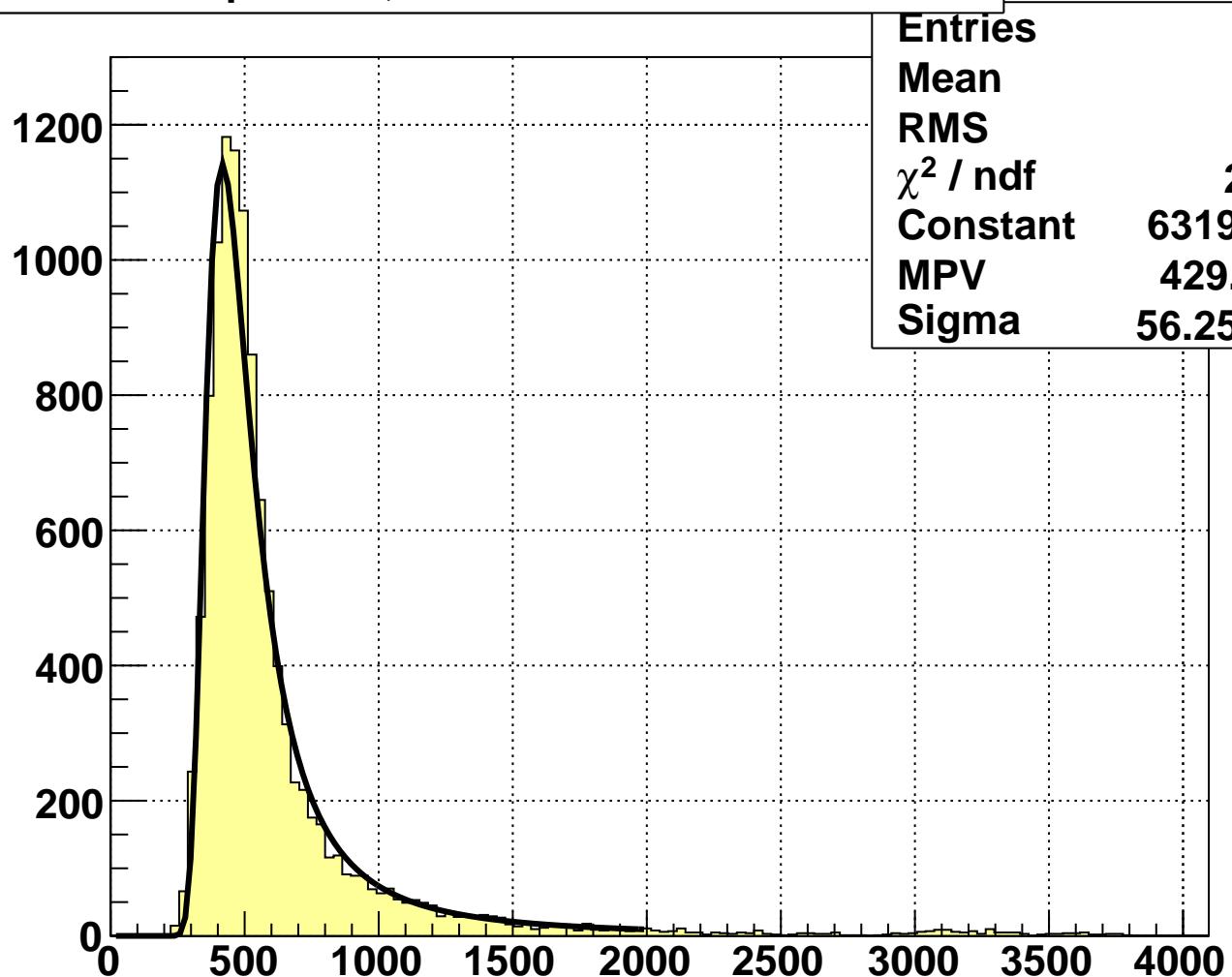
FST - MIP peak ZS, RDO3_ARM1_PORT1_SEC1

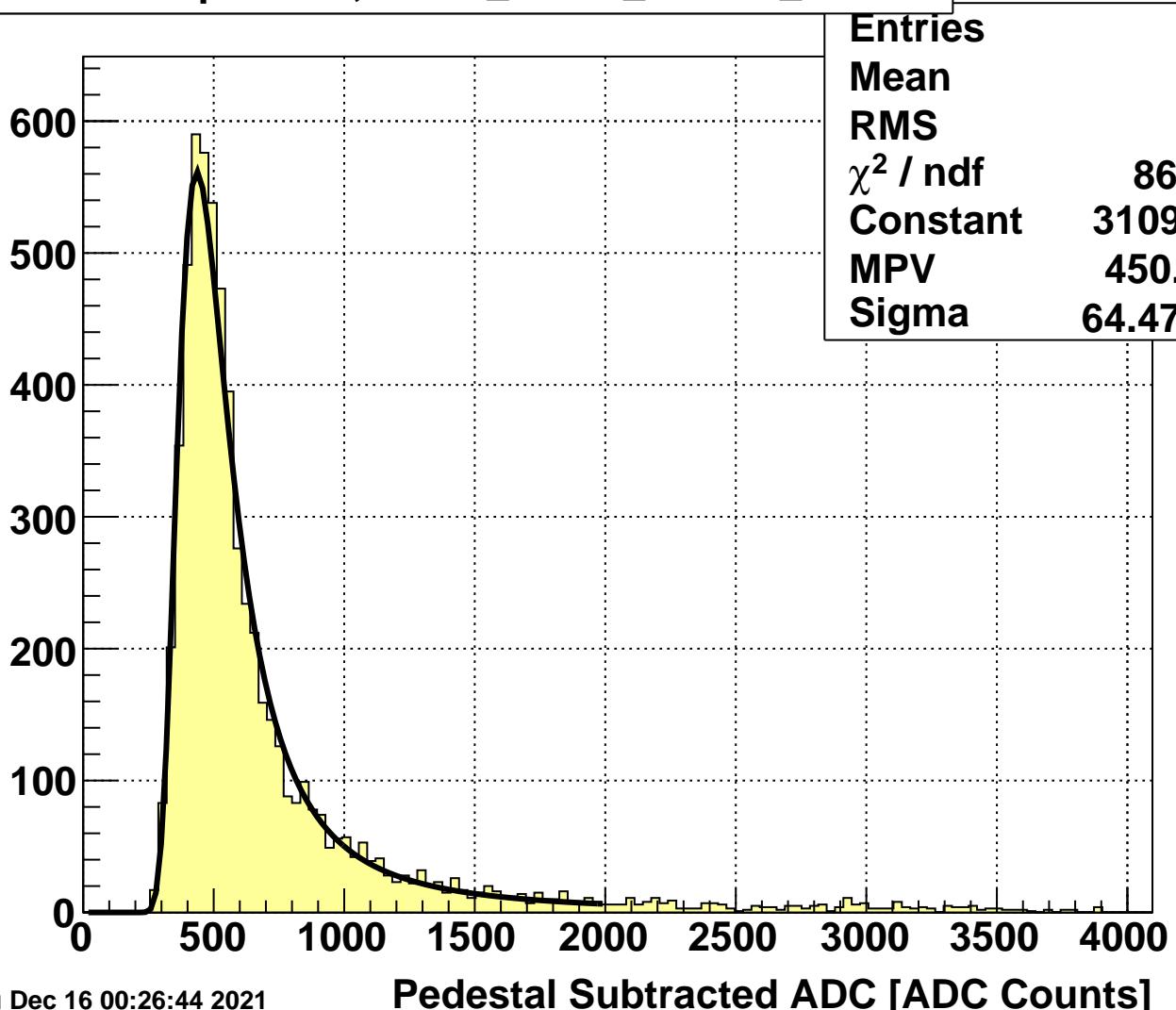
ZS_Section_31



FST - MIP peak ZS, RDO3_ARM2_PORT0_SEC0

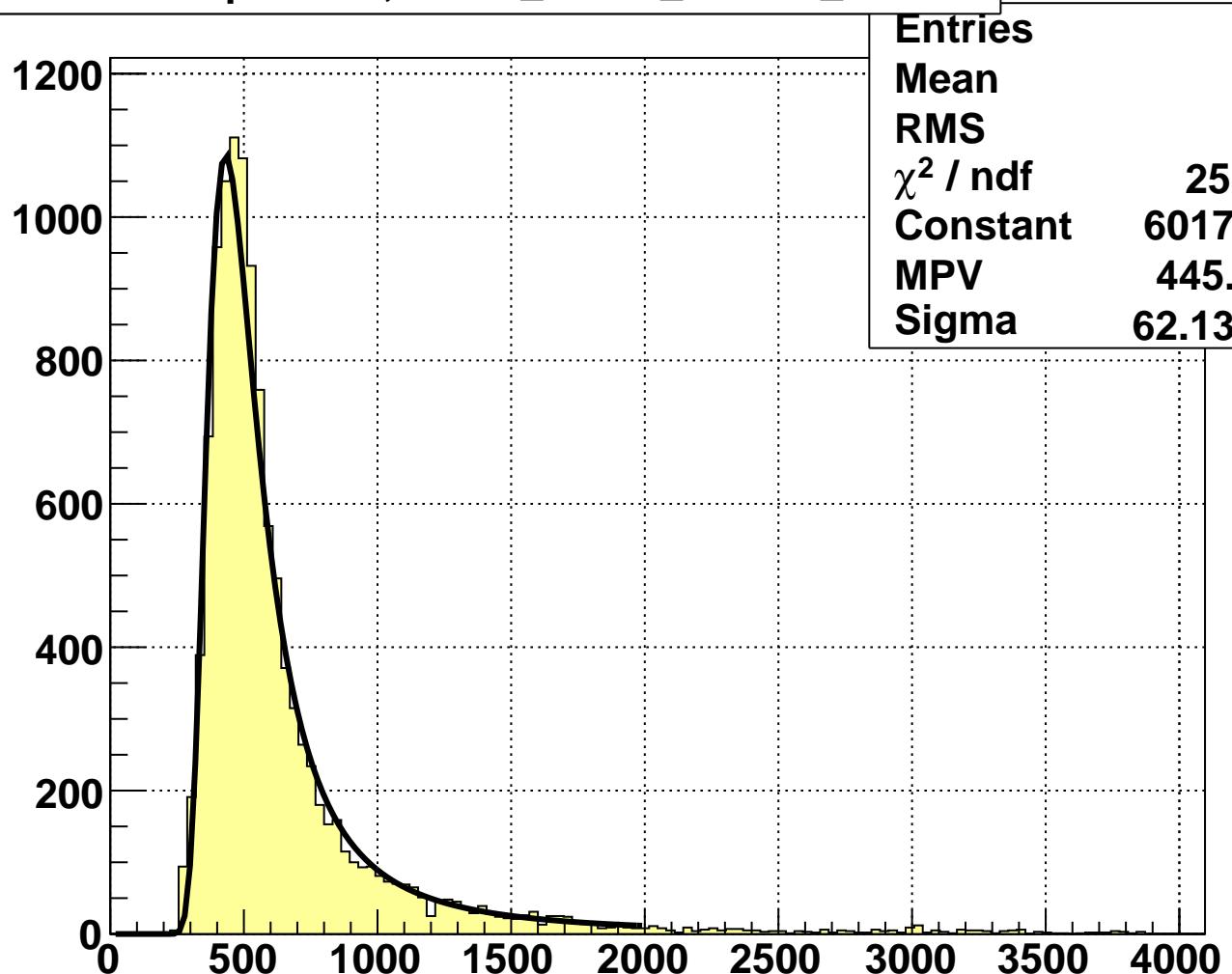
ZS_Section_32

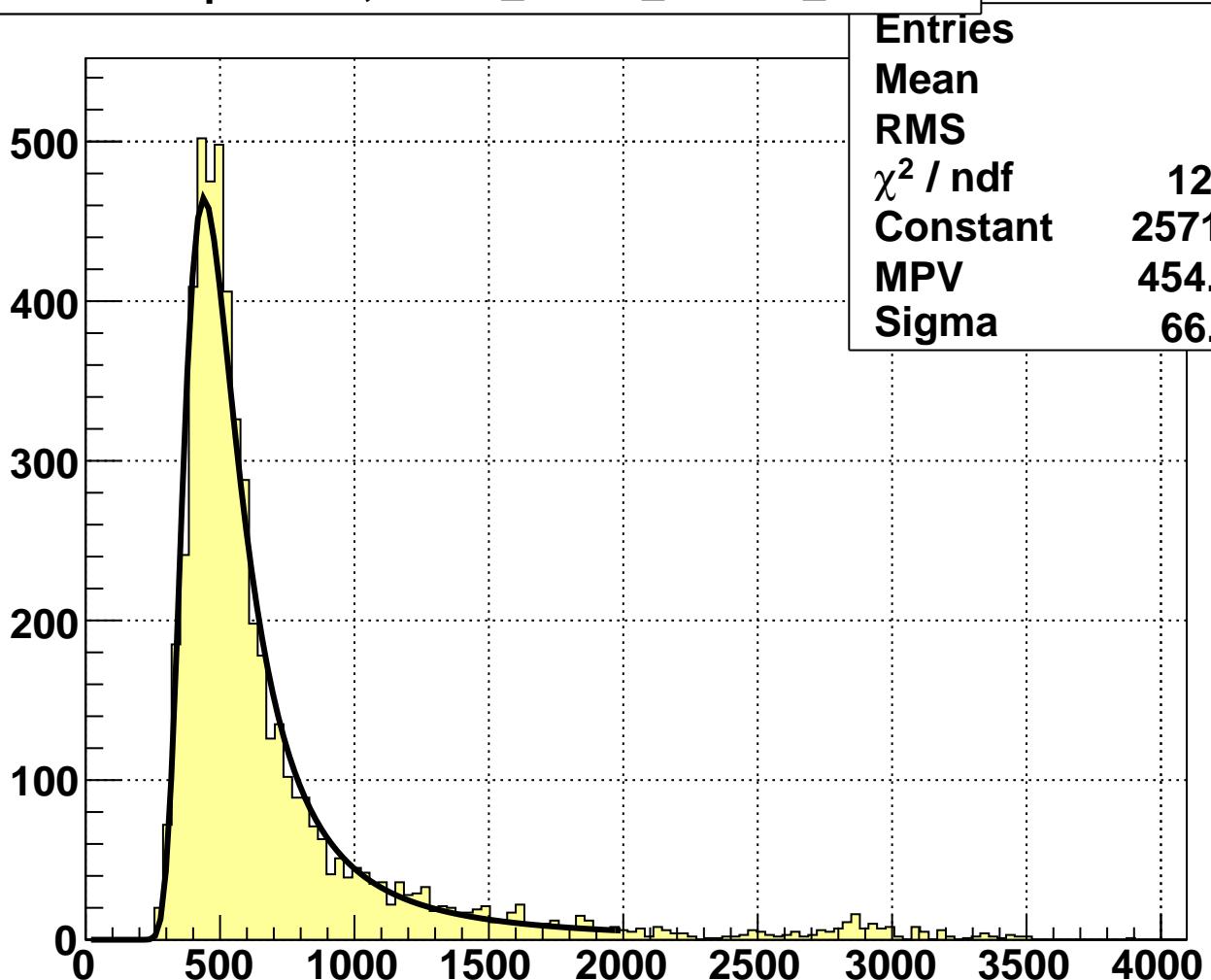




FST - MIP peak ZS, RDO3_ARM2_PORT1_SEC0

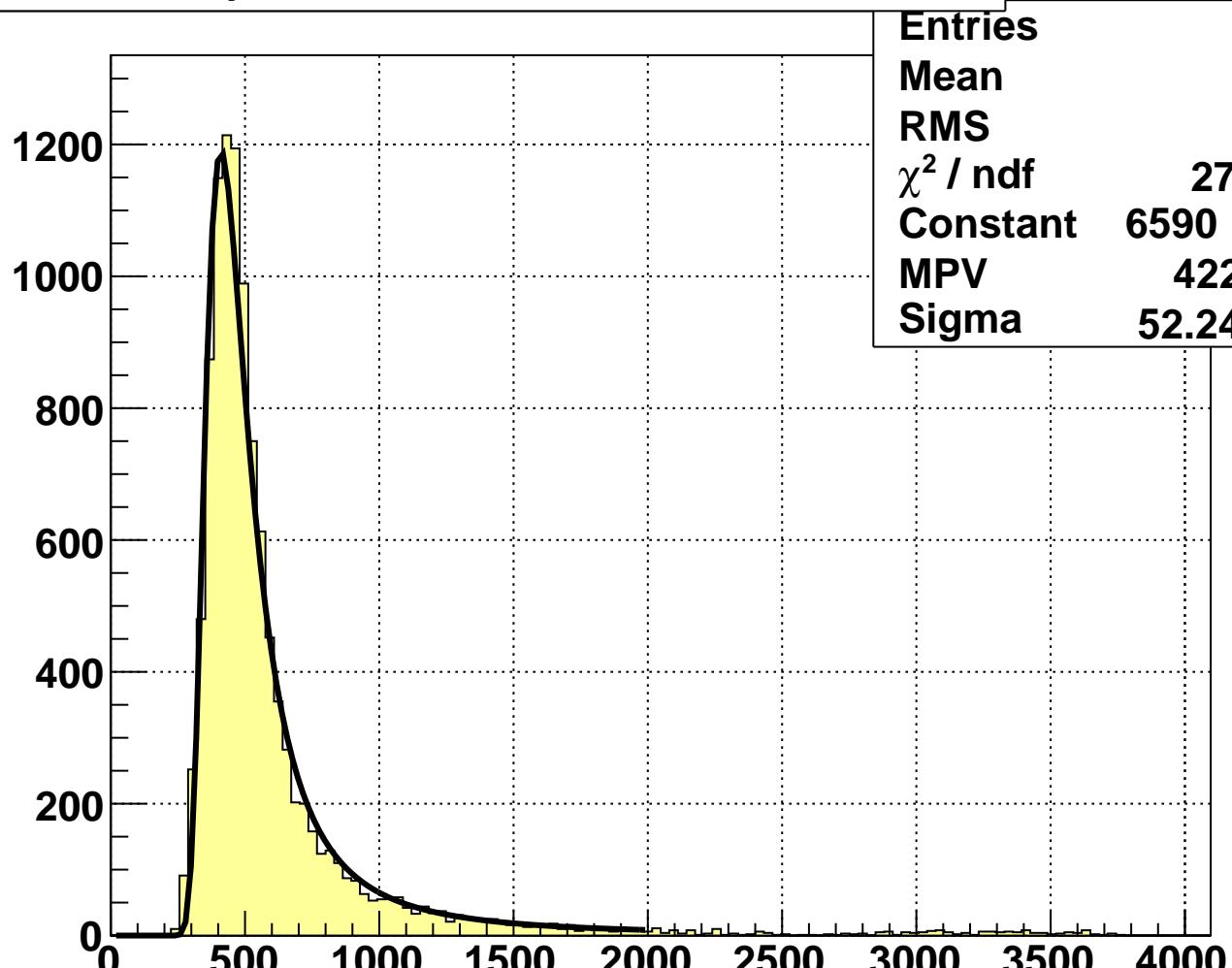
ZS_Section_34



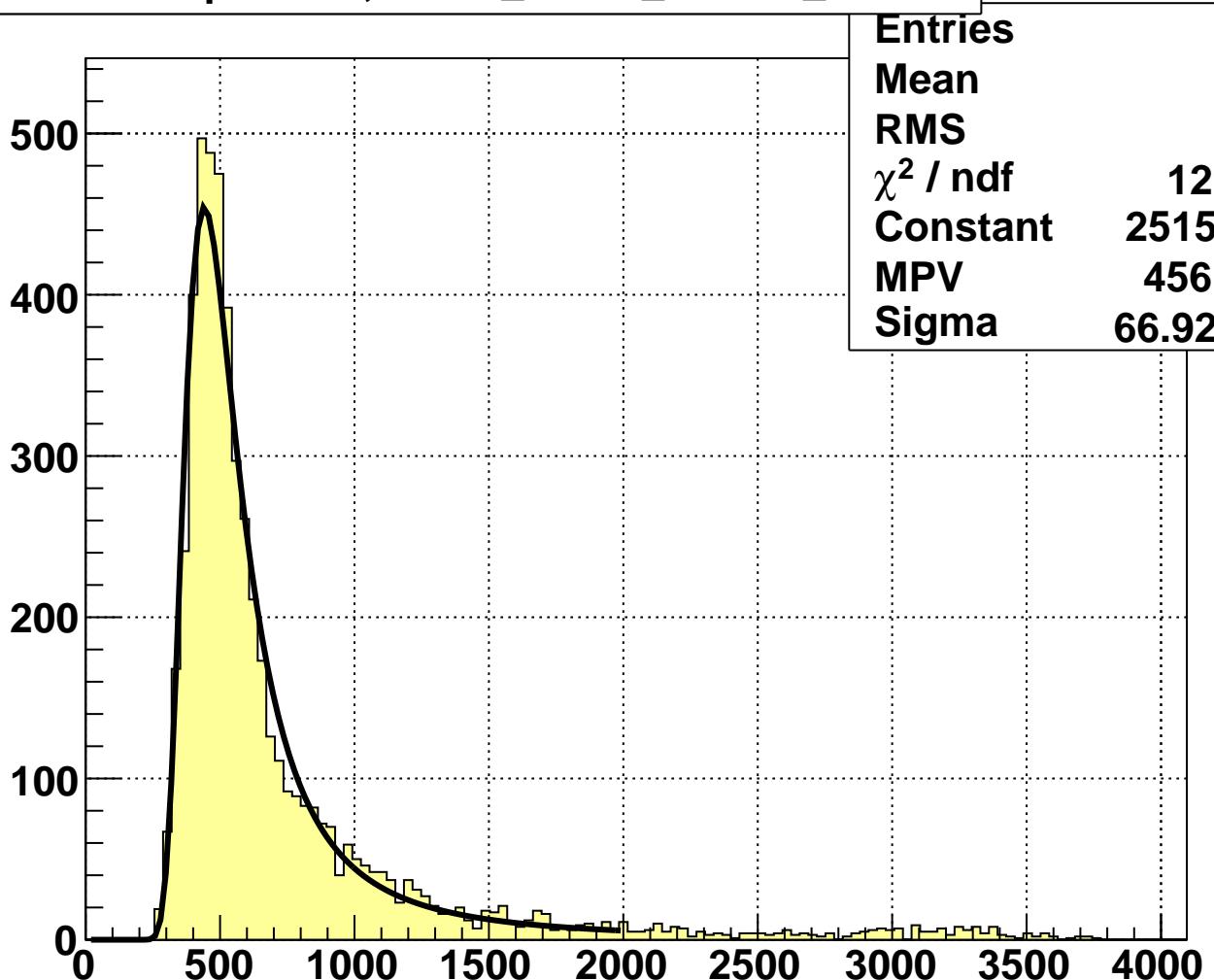


FST - MIP peak ZS, RDO4_ARM0_PORT0_SEC0

ZS_Section_36

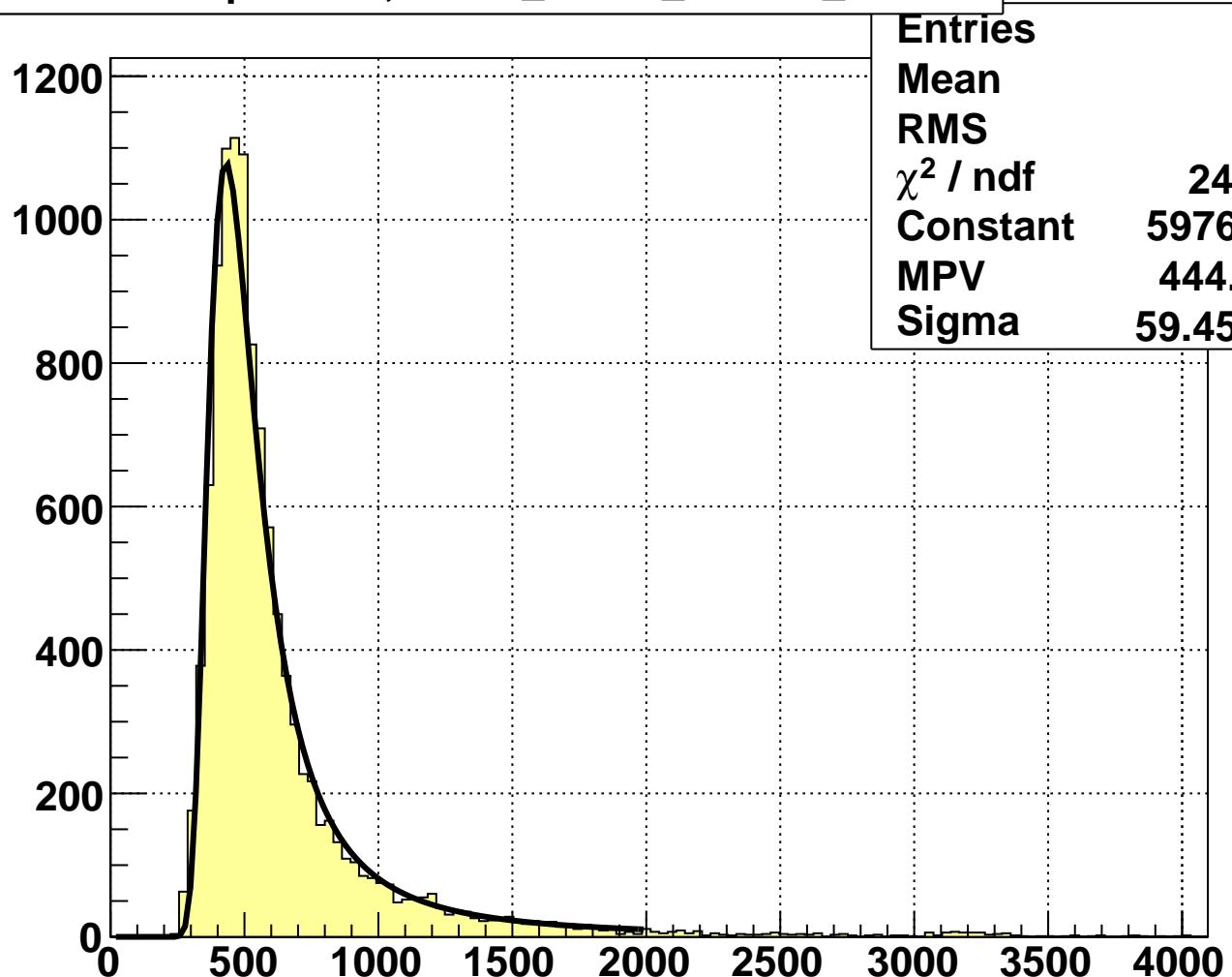


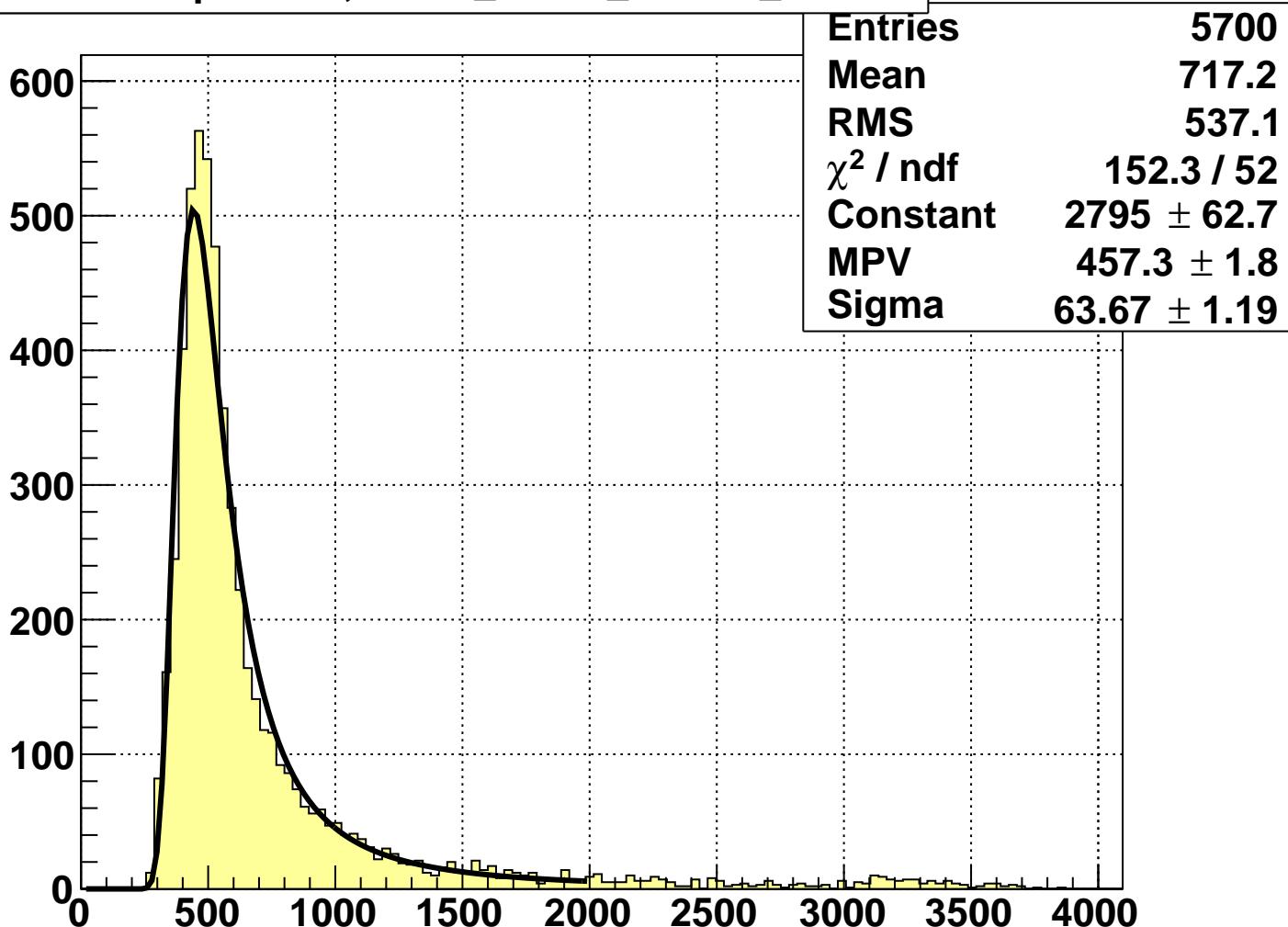
Entries	10852
Mean	604
RMS	415.6
χ^2 / ndf	276.4 / 53
Constant	6590 ± 104.2
MPV	422.1 ± 1.1
Sigma	52.24 ± 0.67



FST - MIP peak ZS, RDO4_ARM0_PORT1_SEC0

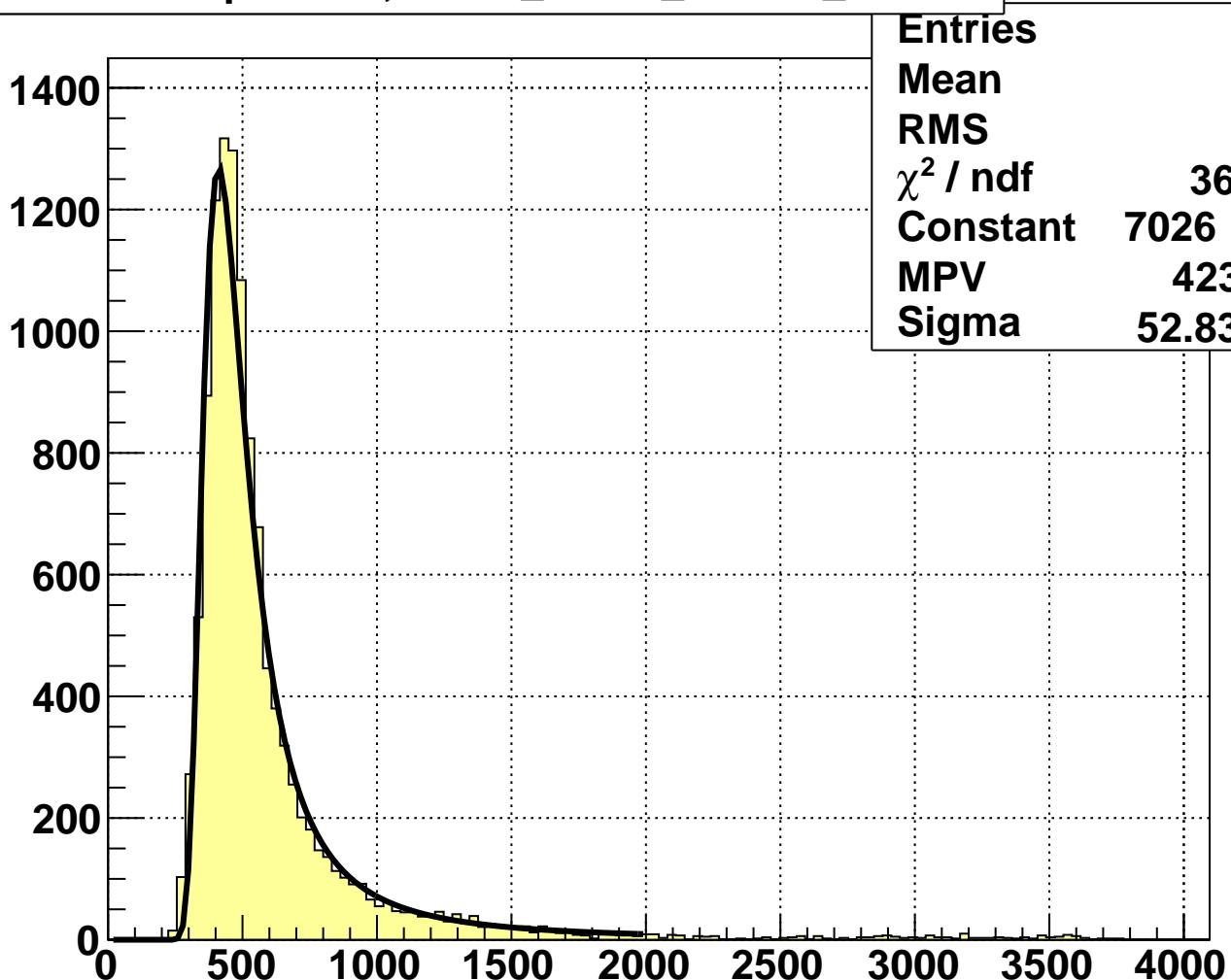
ZS_Section_38





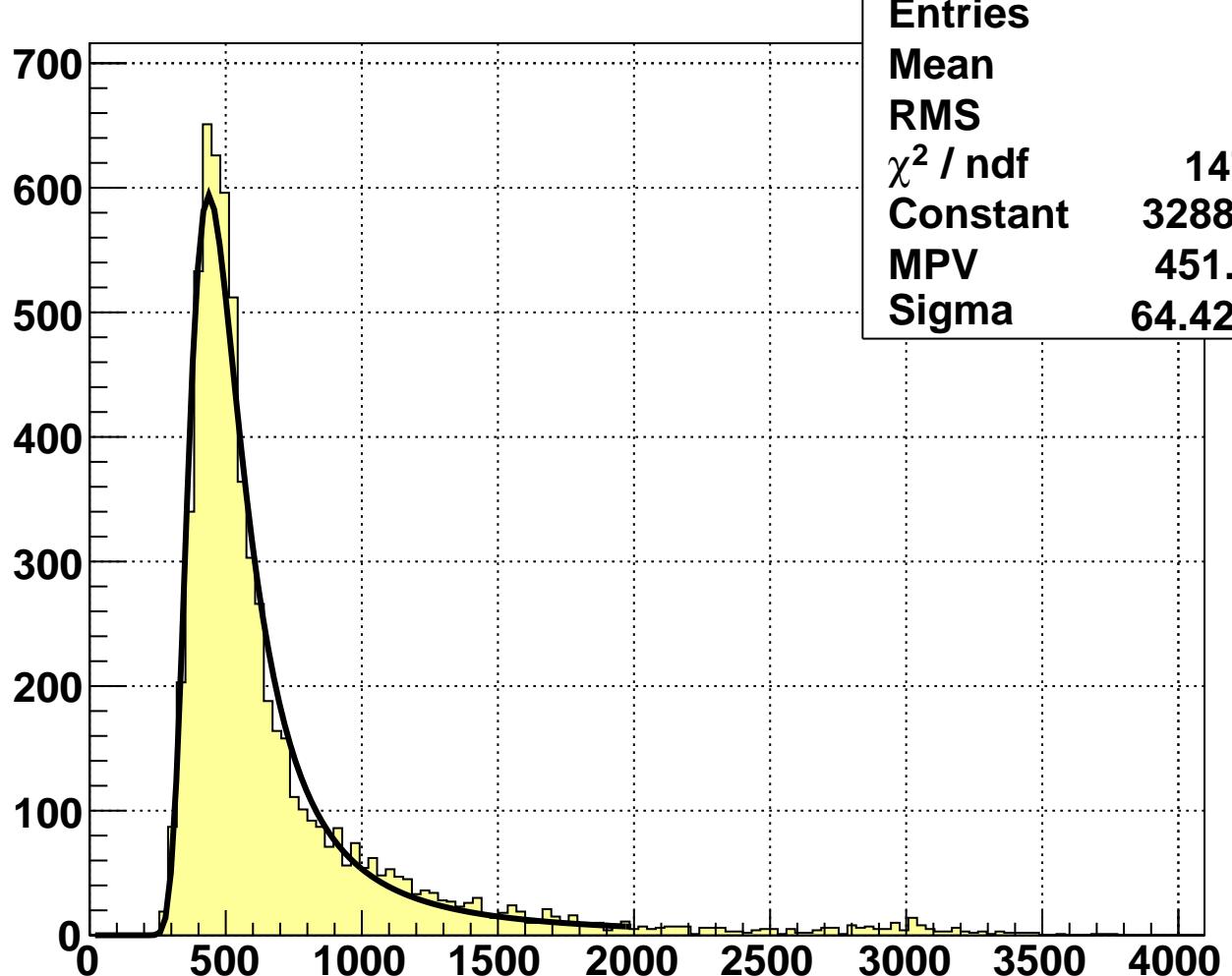
FST - MIP peak ZS, RDO4_ARM1_PORT0_SEC0

ZS_Section_40



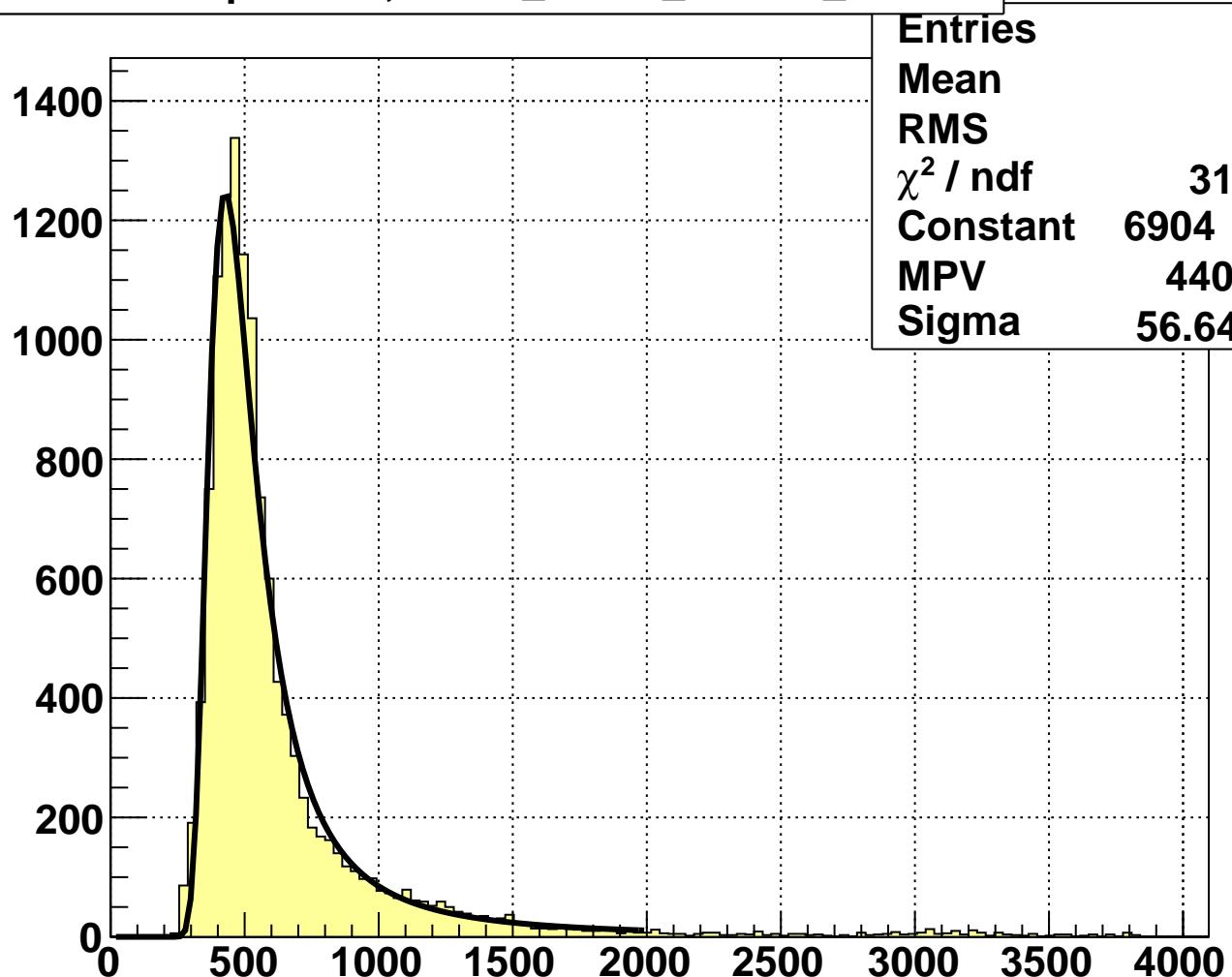
FST - MIP peak ZS, RDO4_ARM1_PORT0_SEC1

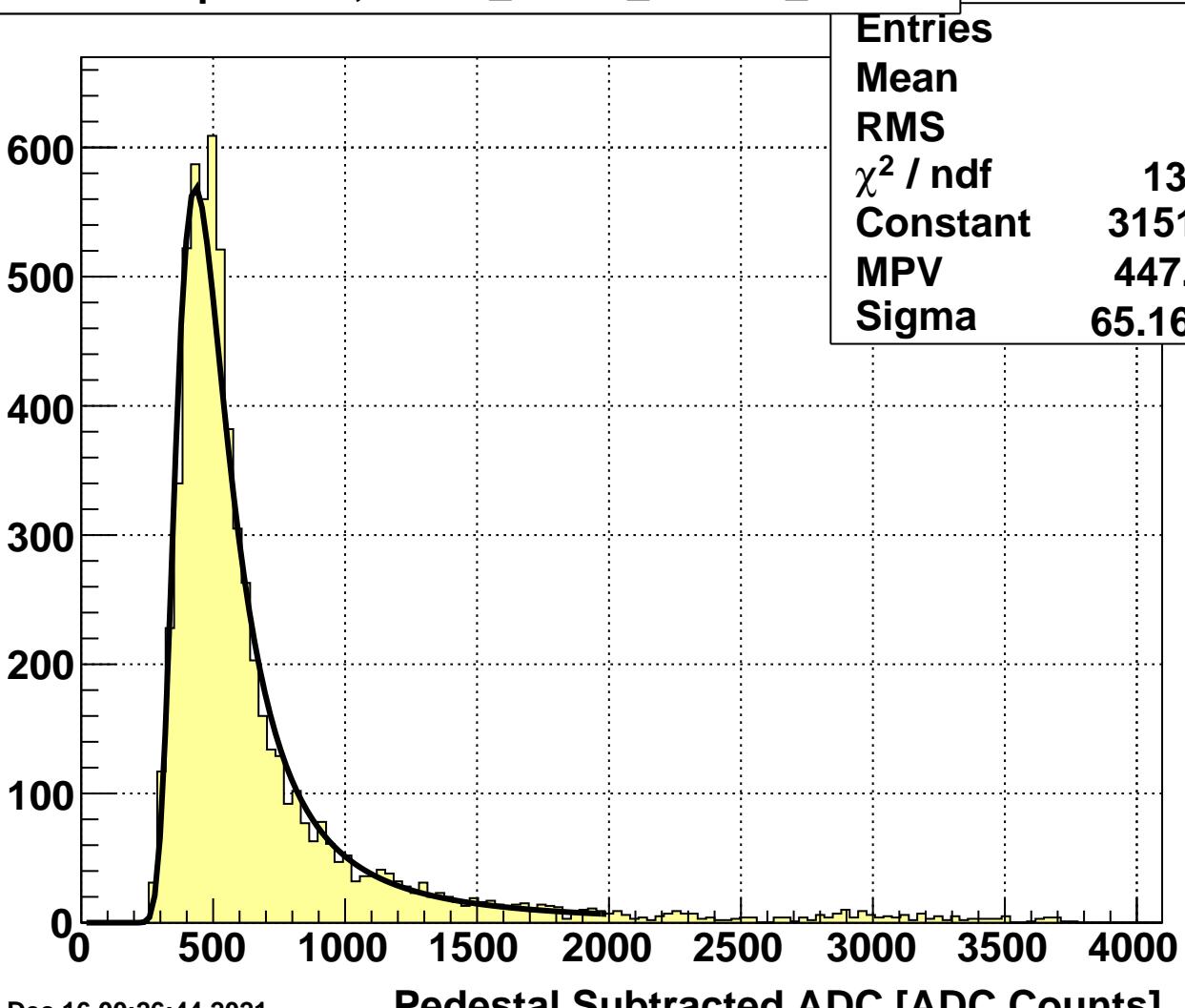
ZS_Section_41



FST - MIP peak ZS, RDO4_ARM1_PORT1_SEC0

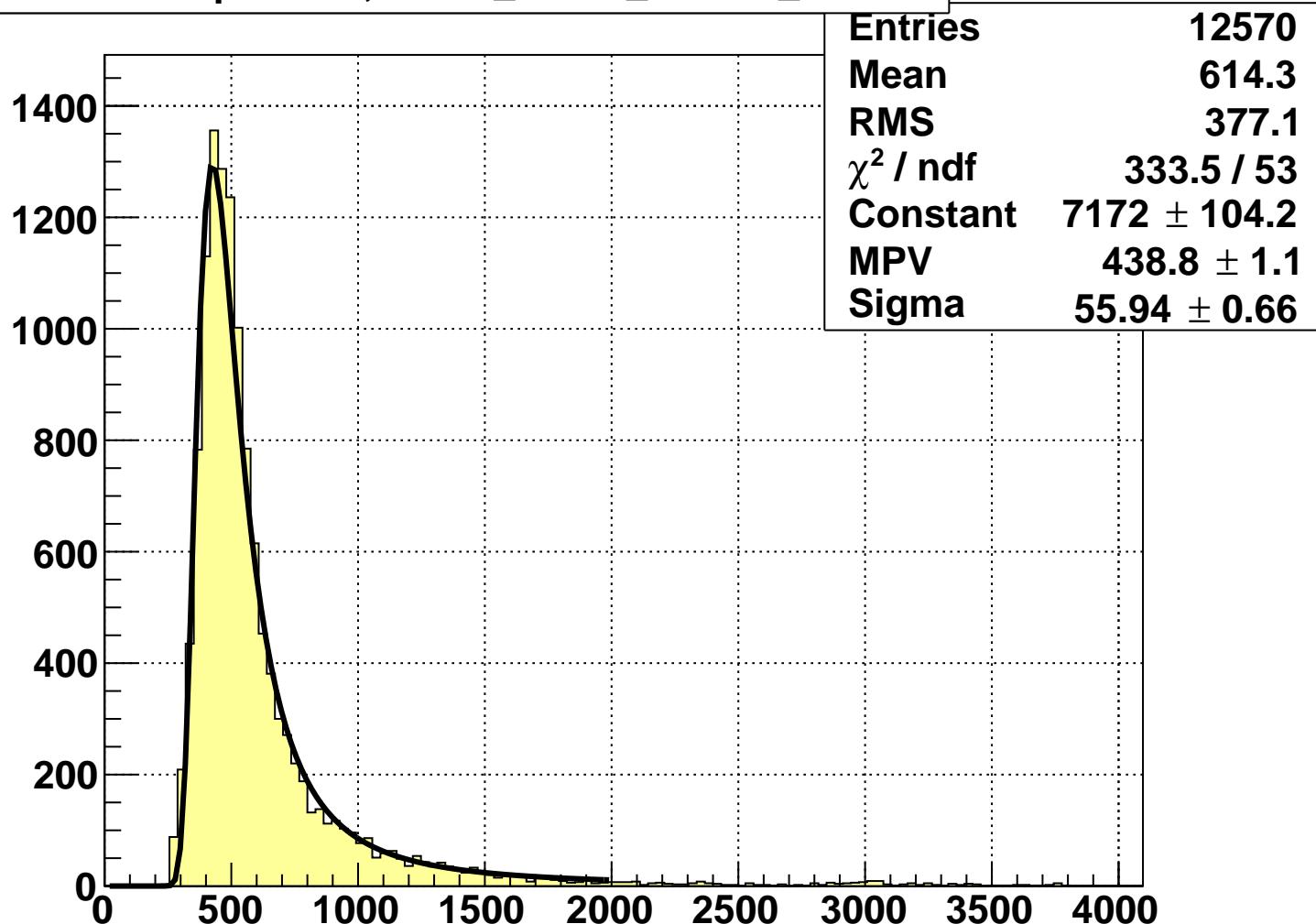
ZS_Section_42





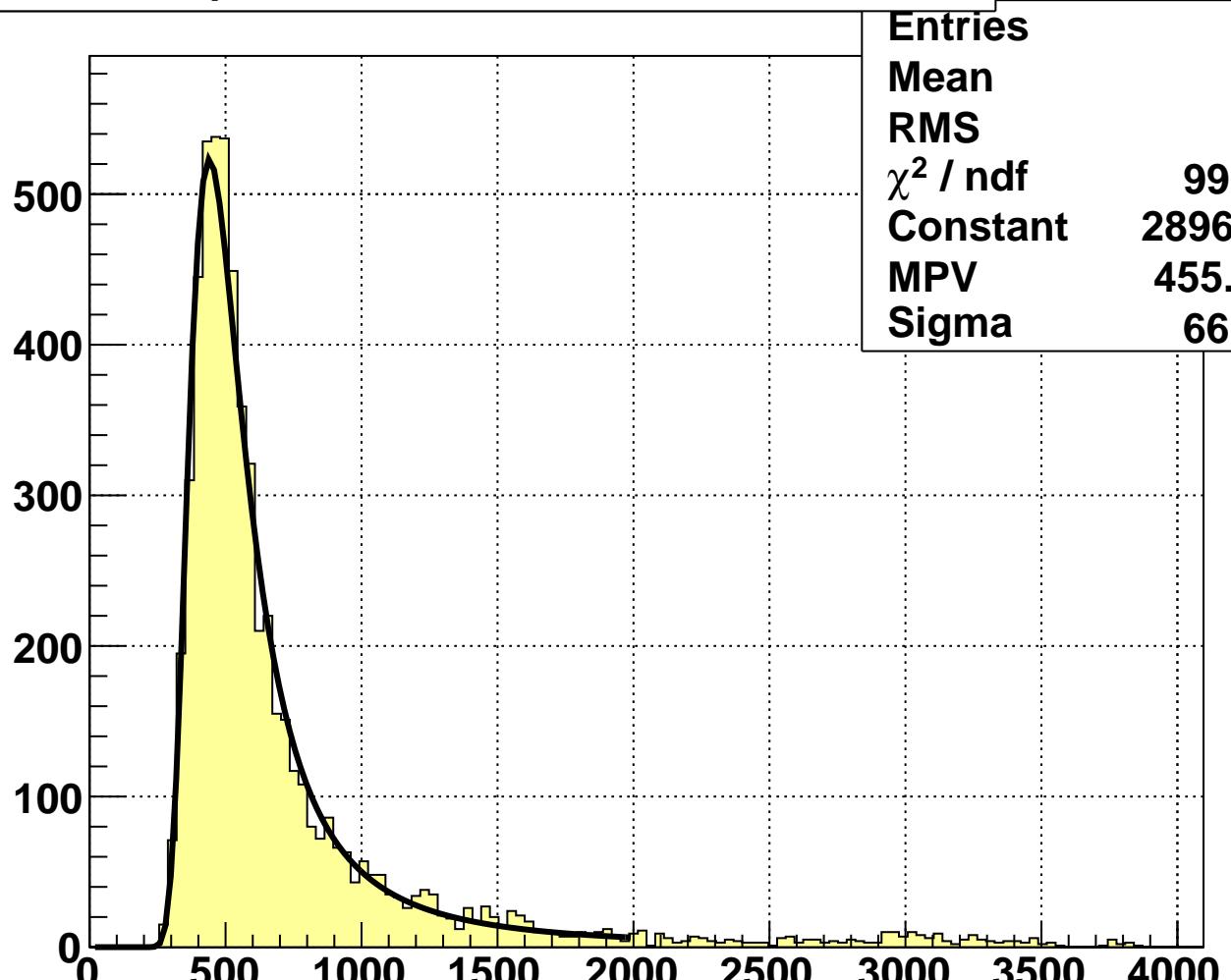
FST - MIP peak ZS, RDO4_ARM2_PORT0_SEC0

ZS_Section_44



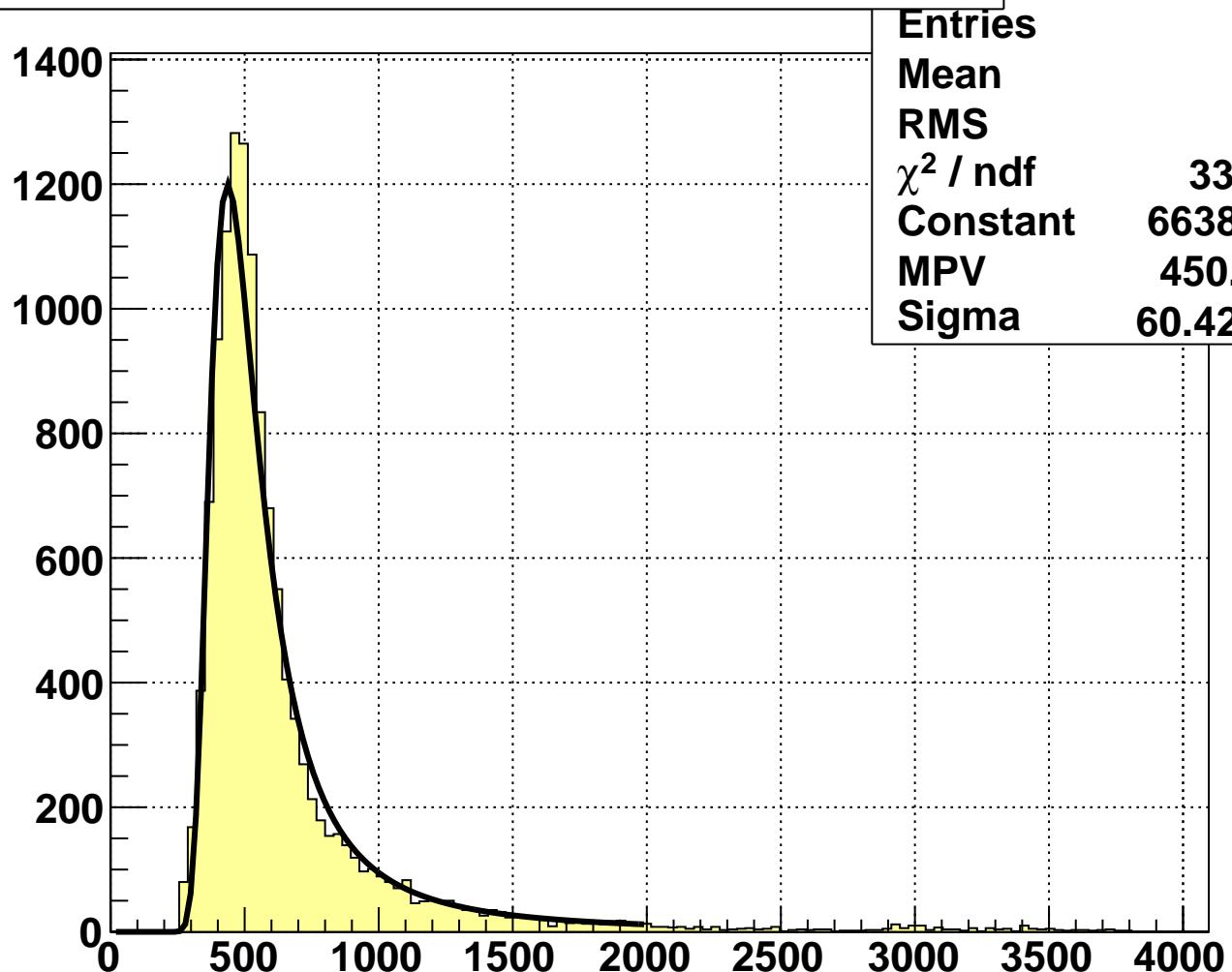
FST - MIP peak ZS, RDO4_ARM2_PORT0_SEC1

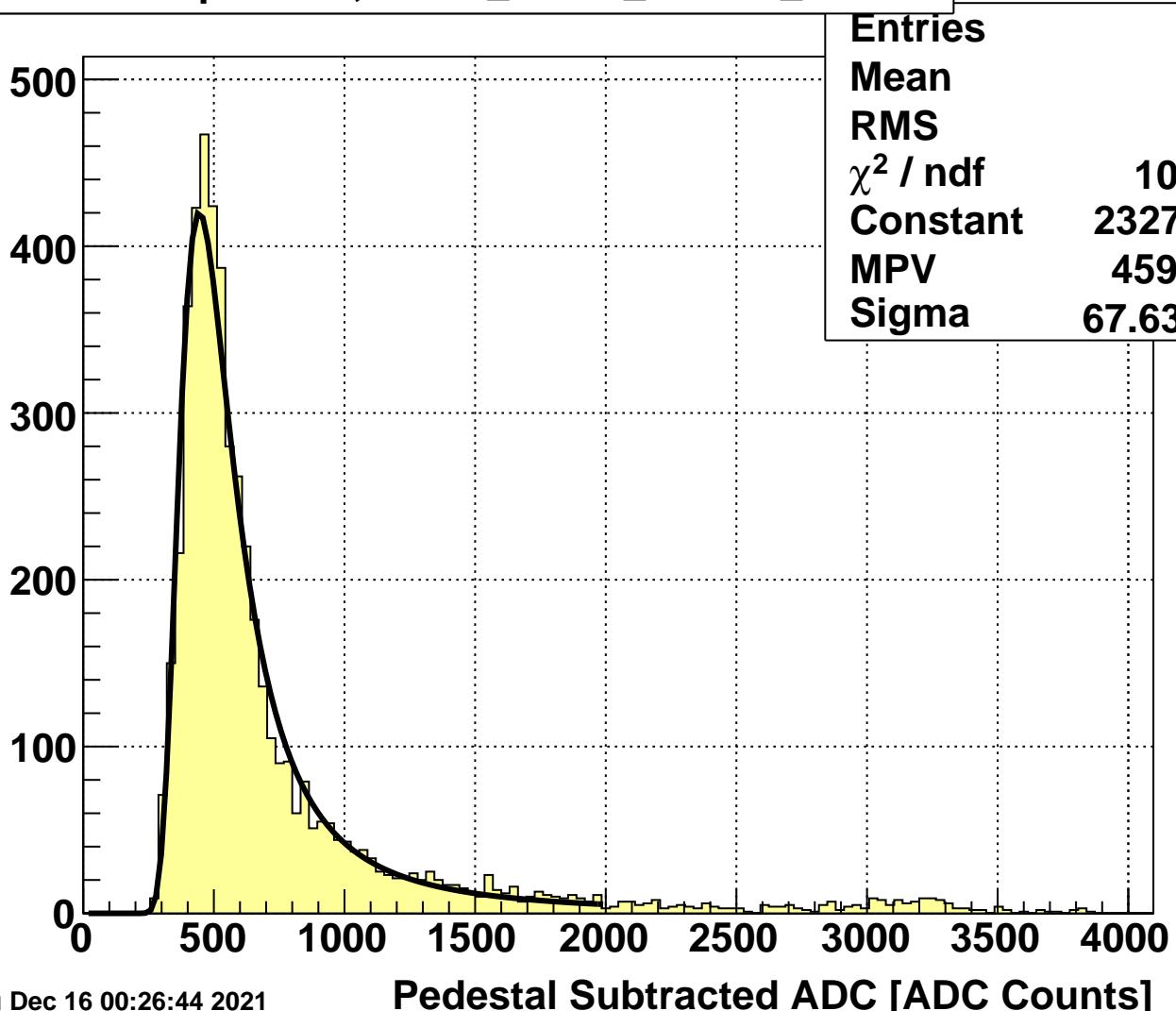
ZS_Section_45



FST - MIP peak ZS, RDO4_ARM2_PORT1_SEC0

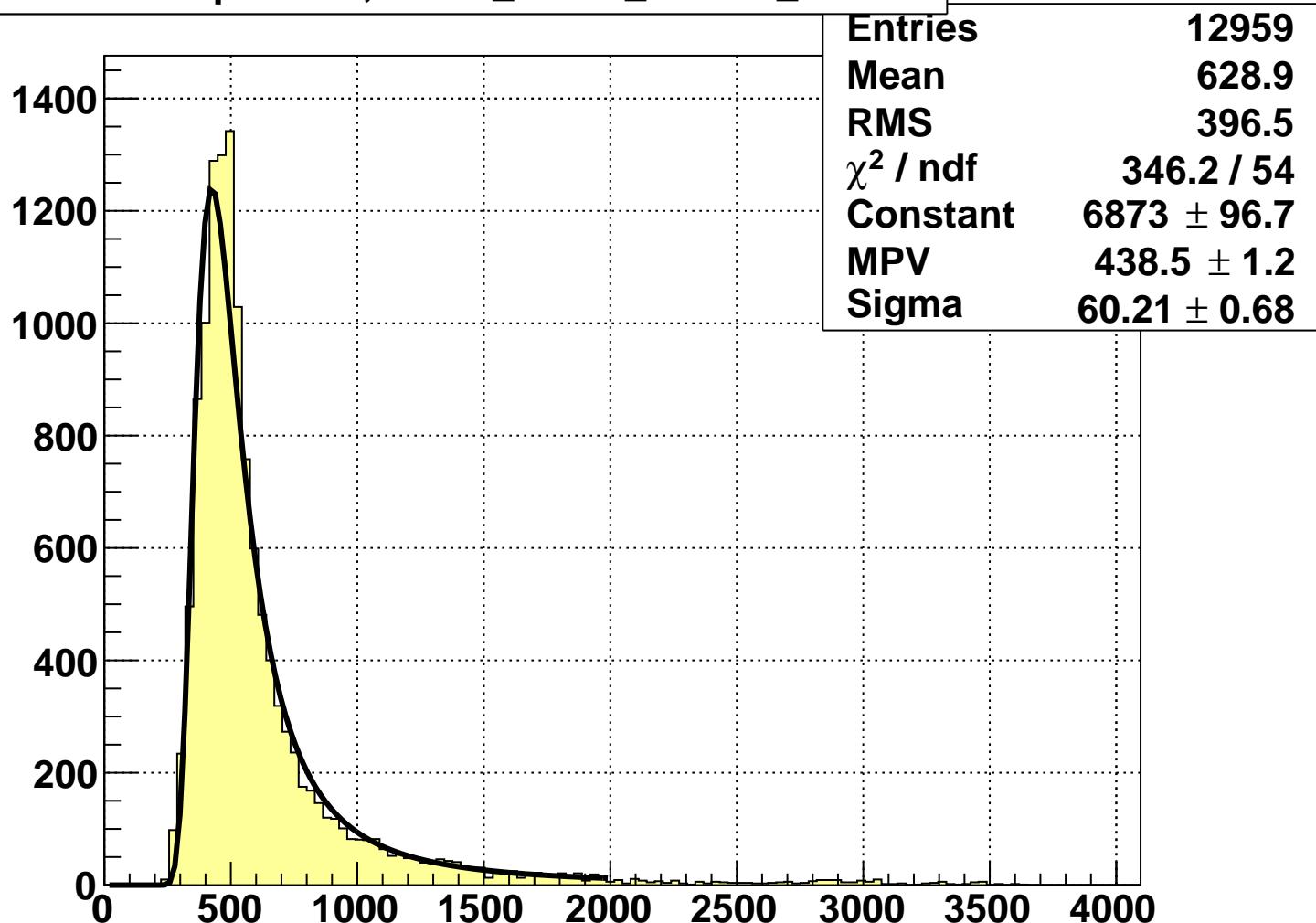
_ZS_Section_46

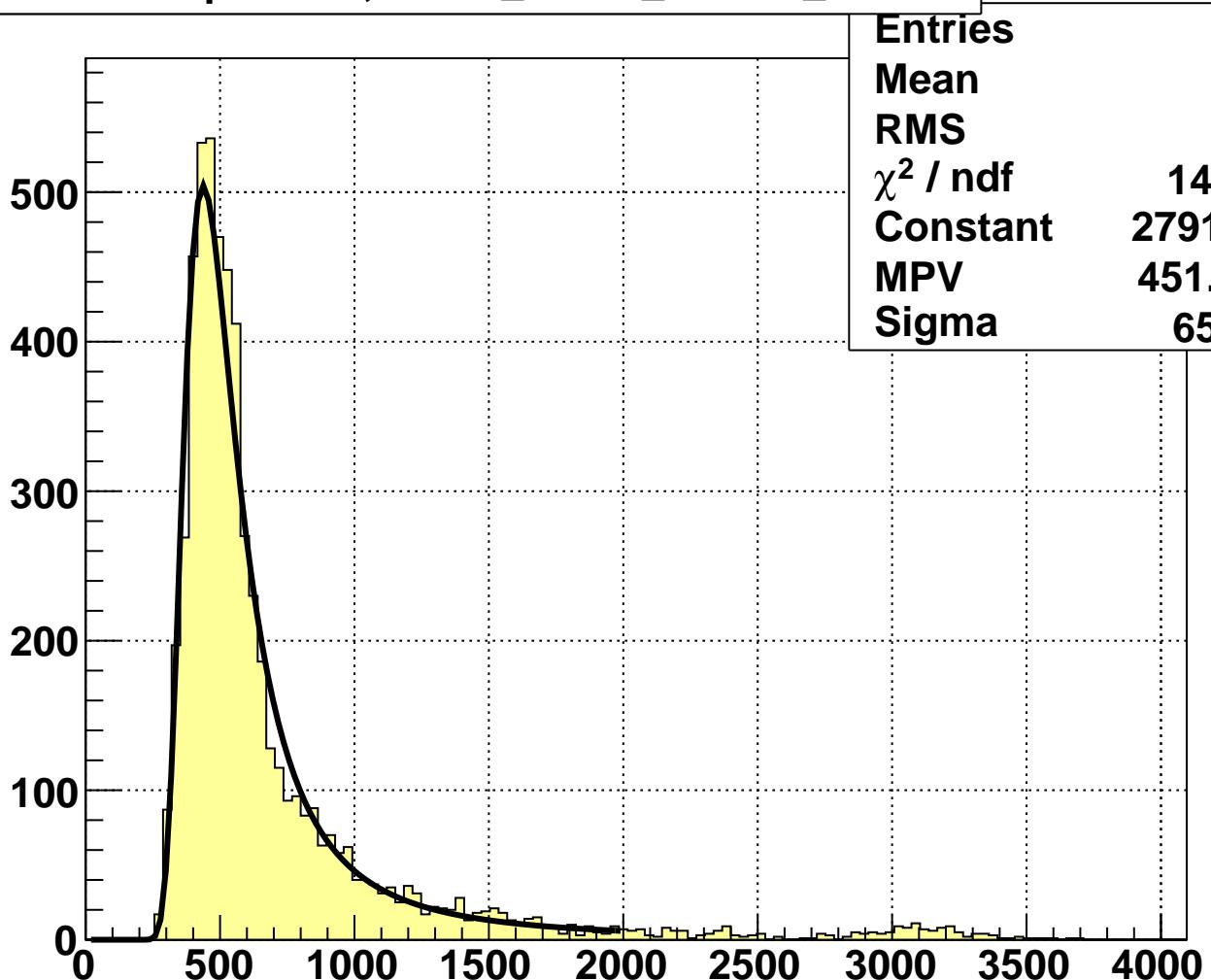




FST - MIP peak ZS, RDO5_ARM0_PORT0_SEC0

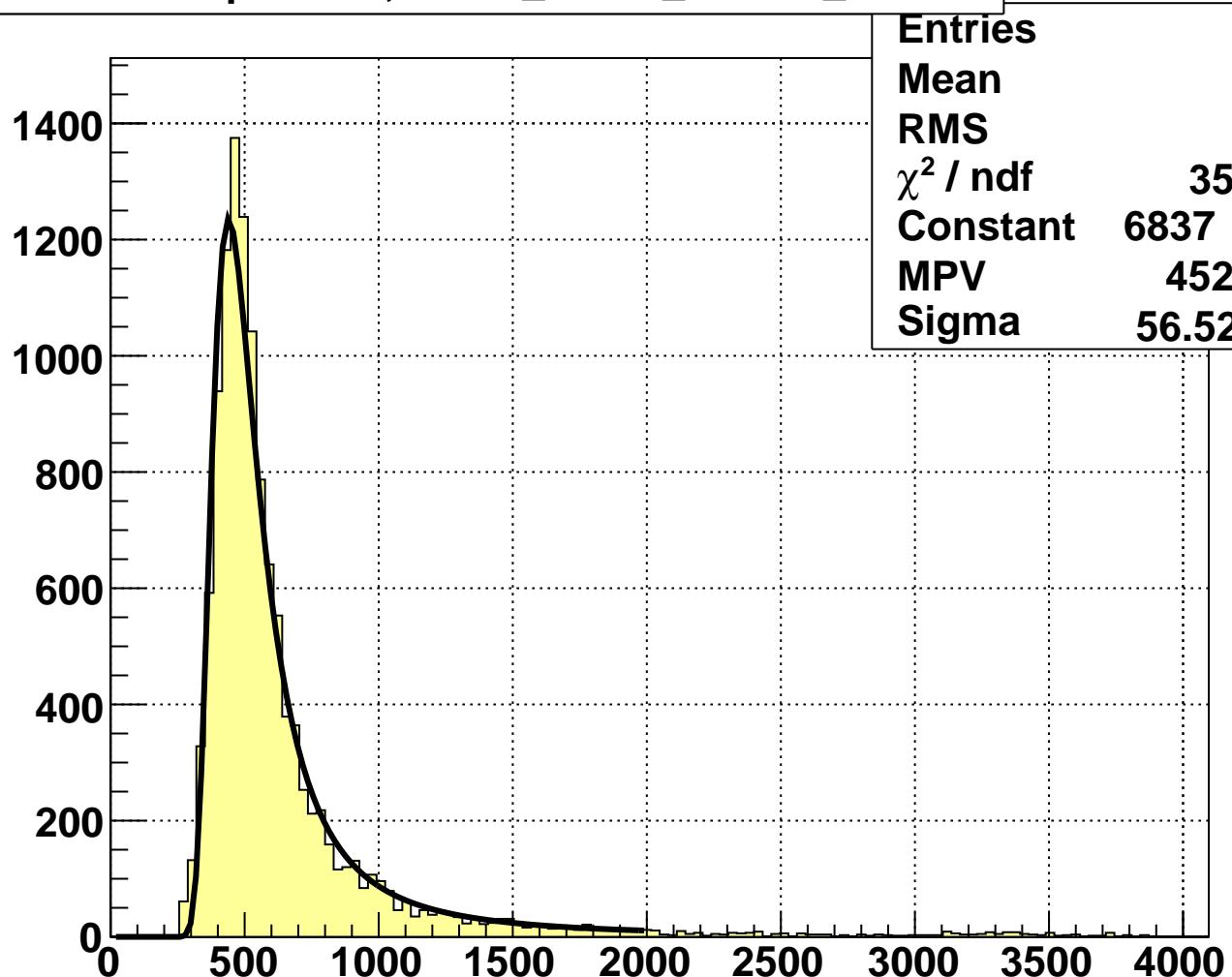
ZS_Section_48

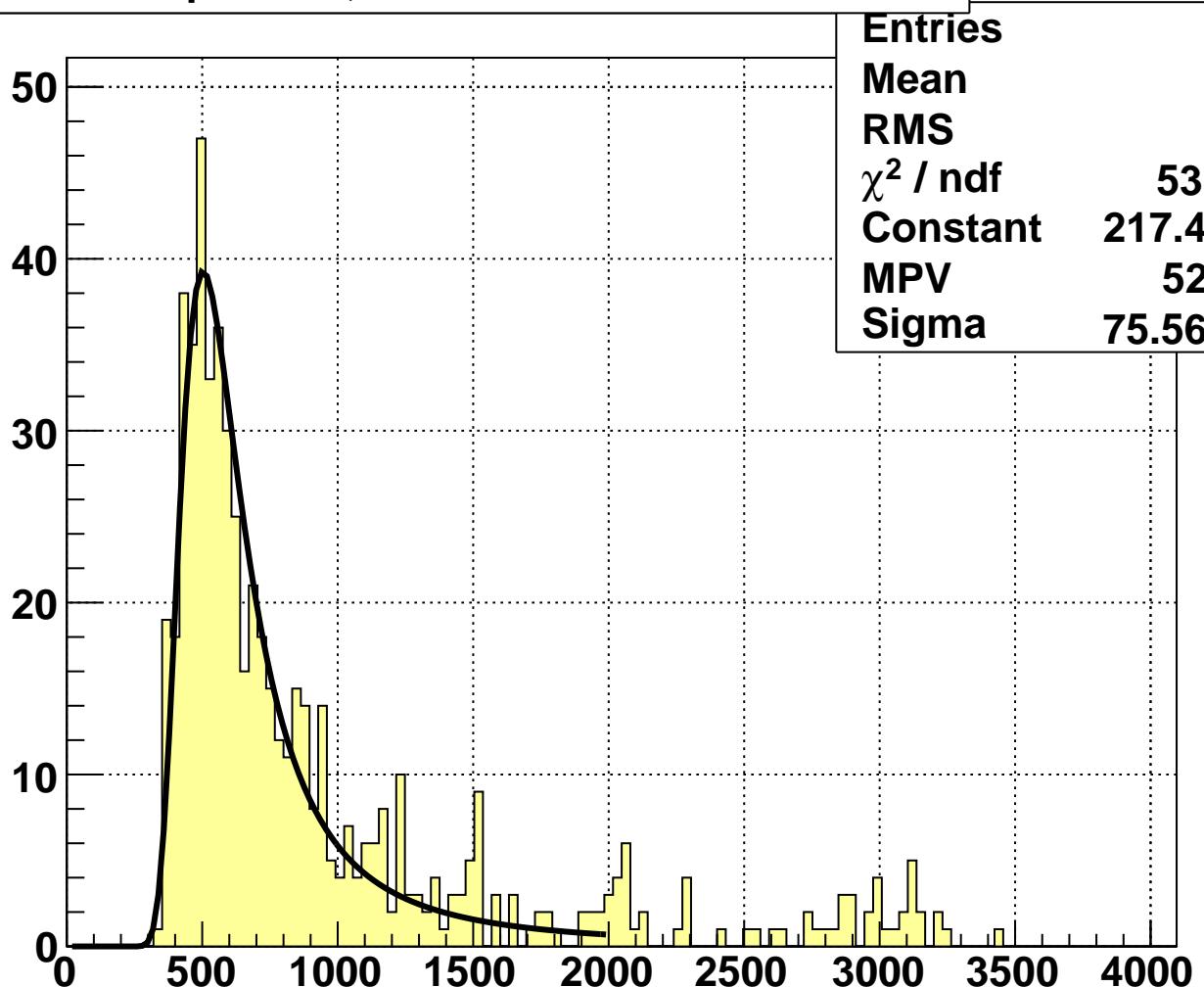




FST - MIP peak ZS, RDO5_ARM0_PORT1_SEC0

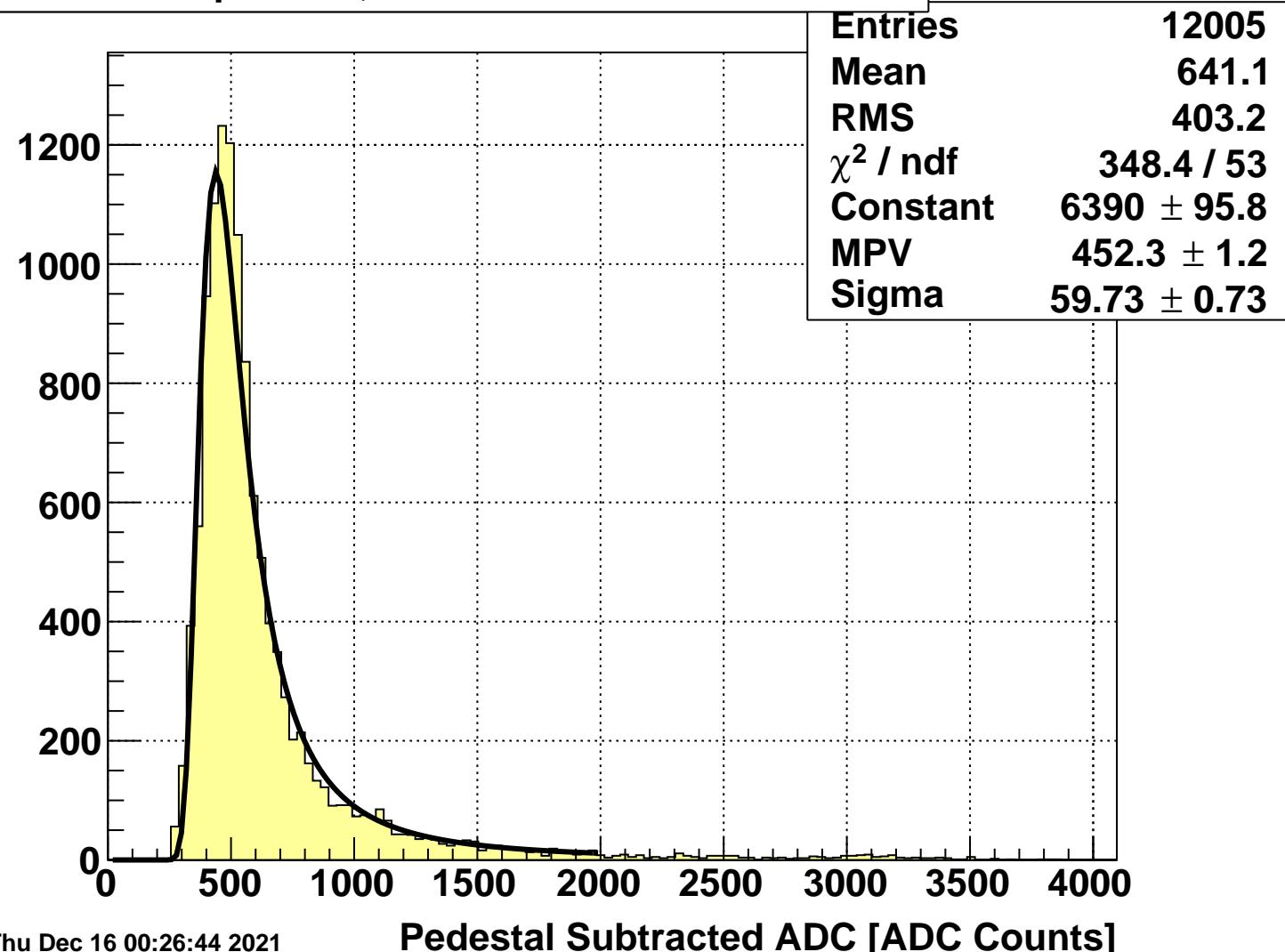
ZS_Section_50

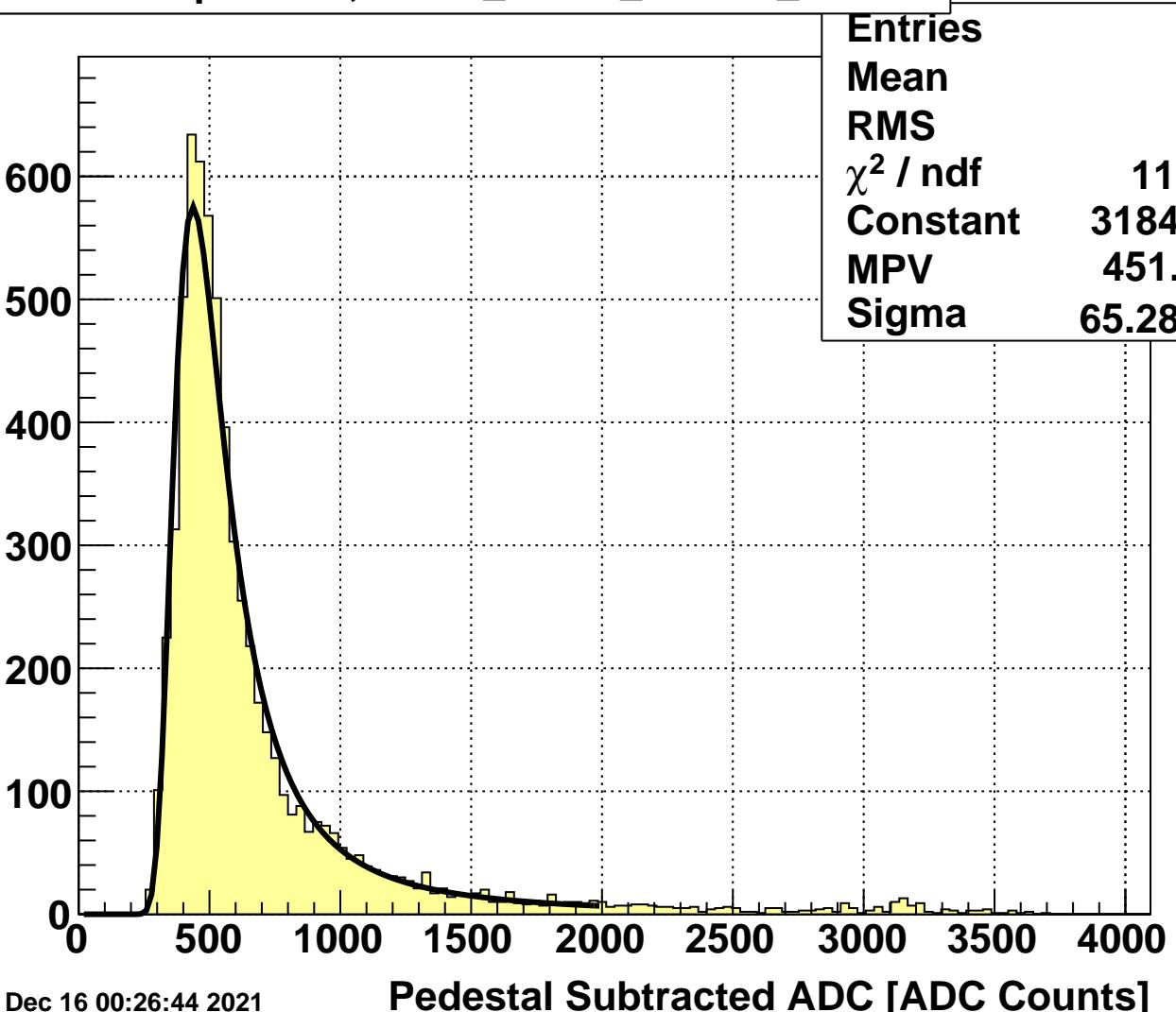




FST - MIP peak ZS, RDO5_ARM1_PORT0_SEC0

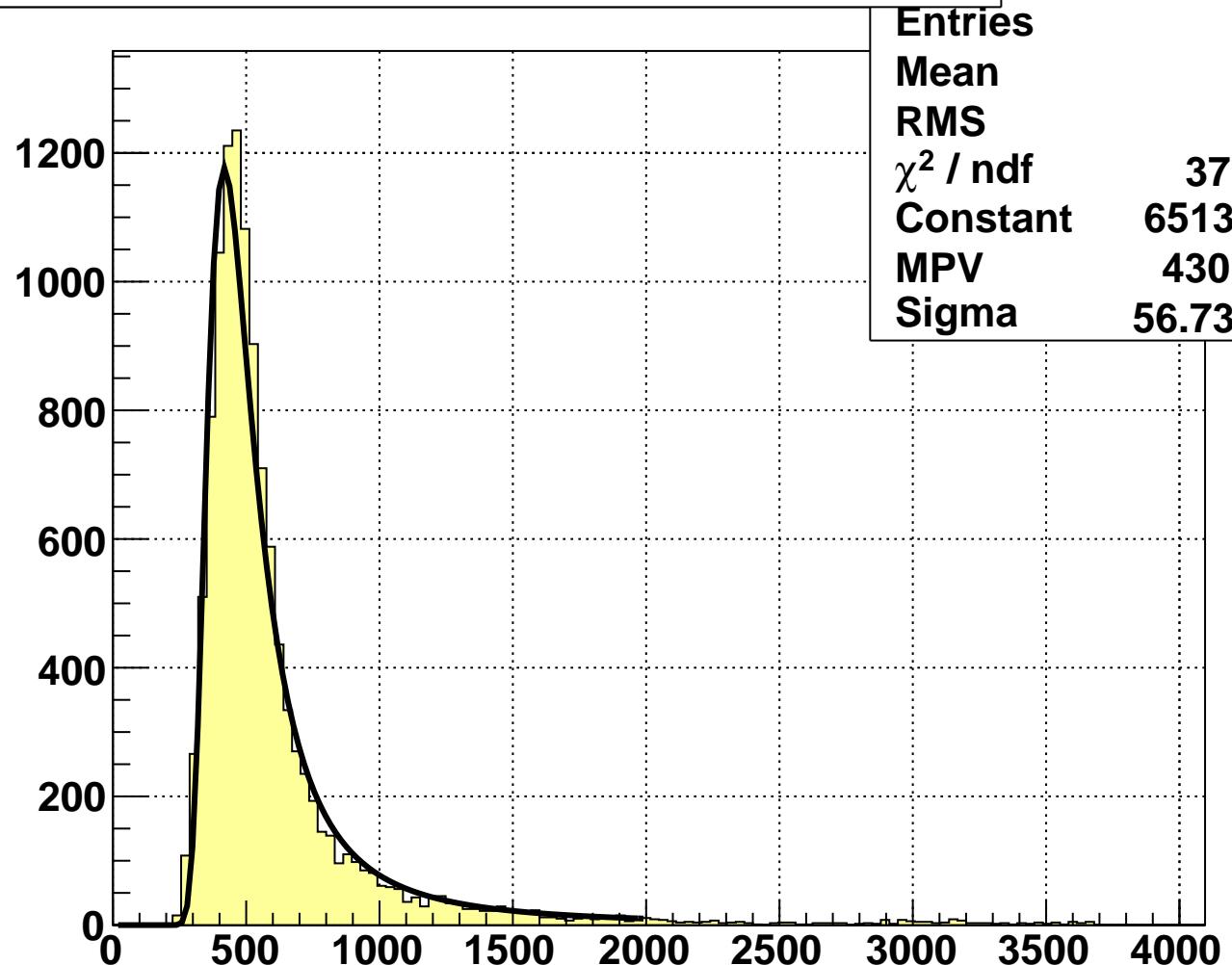
ZS_Section_52

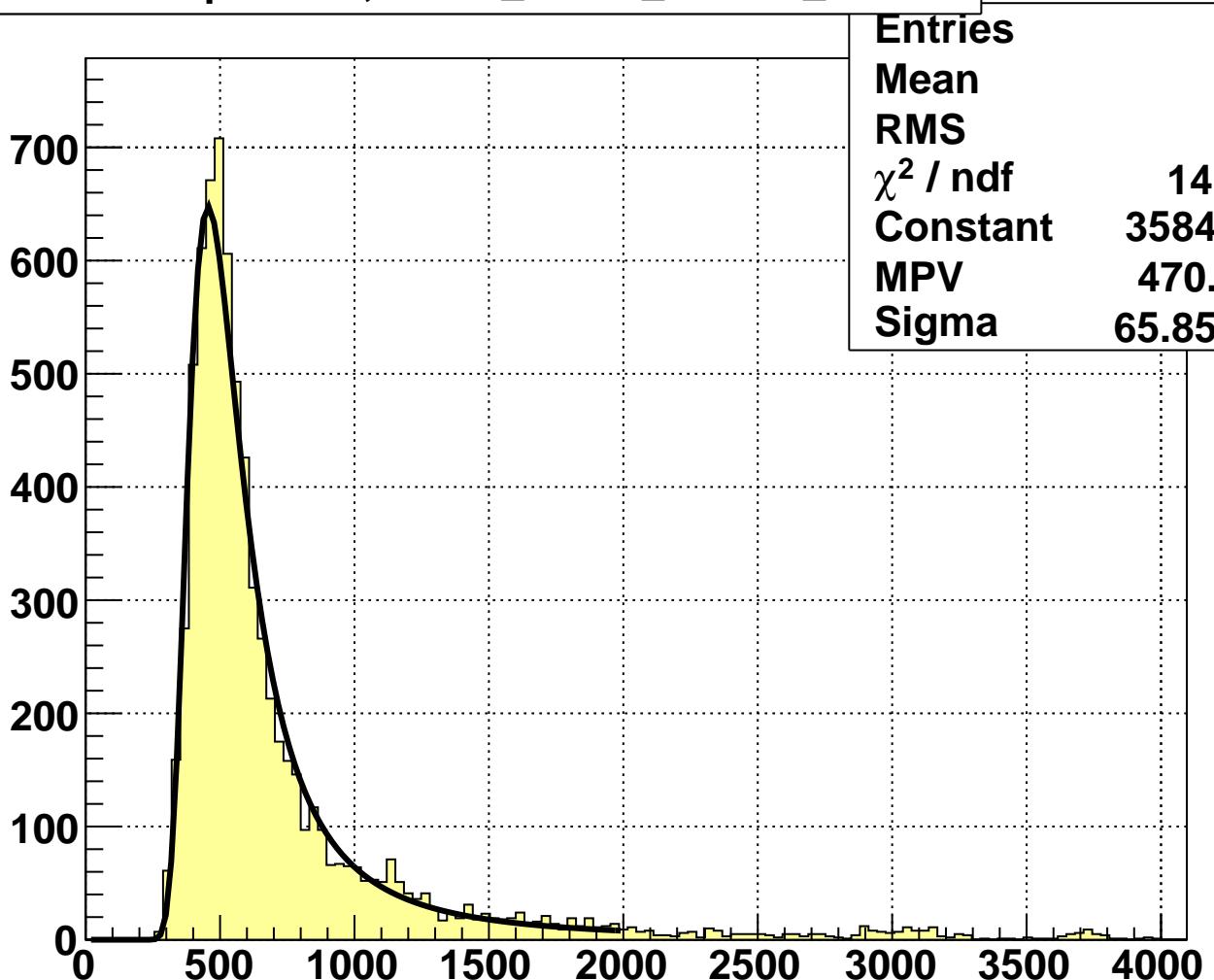




FST - MIP peak ZS, RDO5_ARM1_PORT1_SEC0

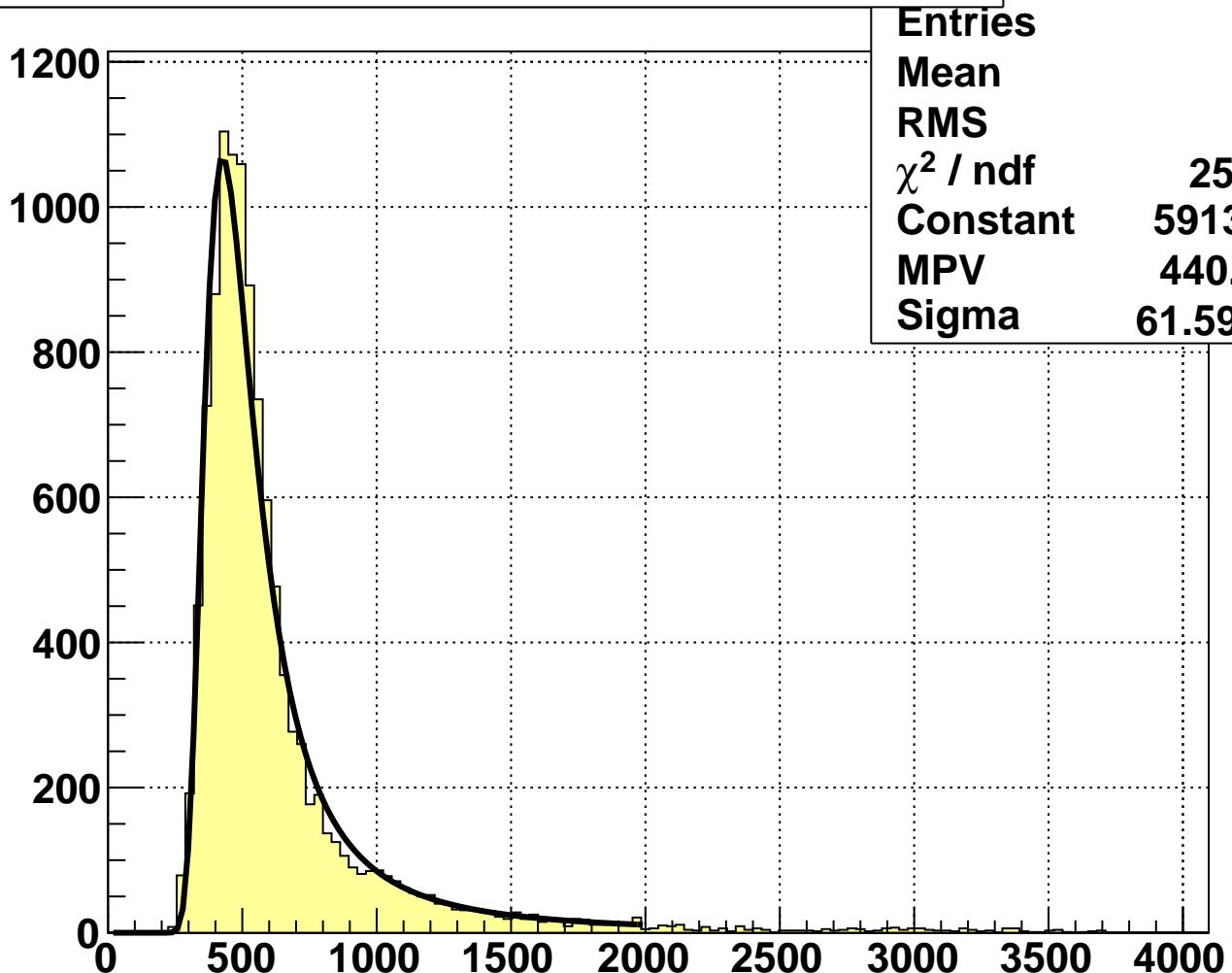
ZS_Section_54

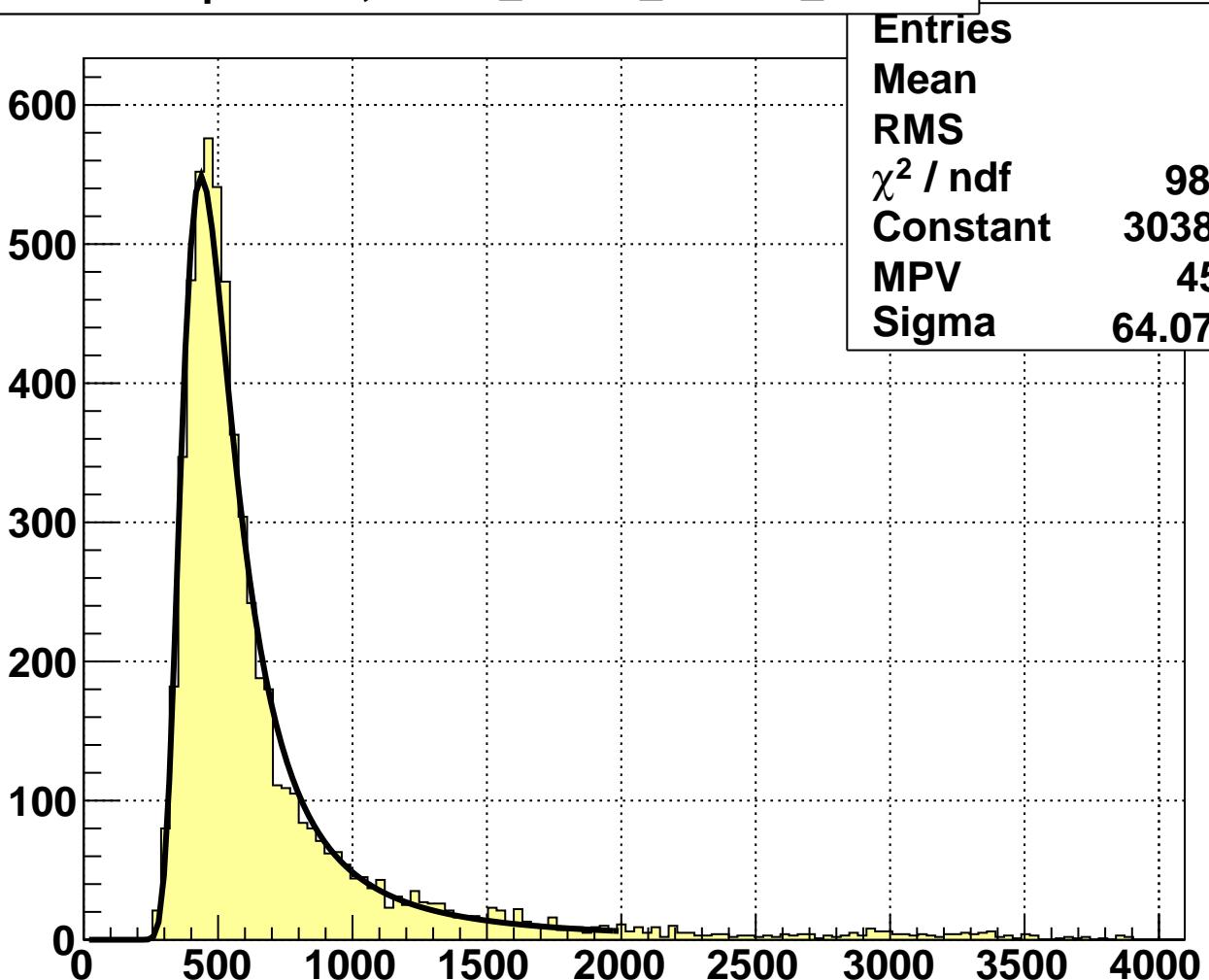




FST - MIP peak ZS, RDO5_ARM2_PORT0_SEC0

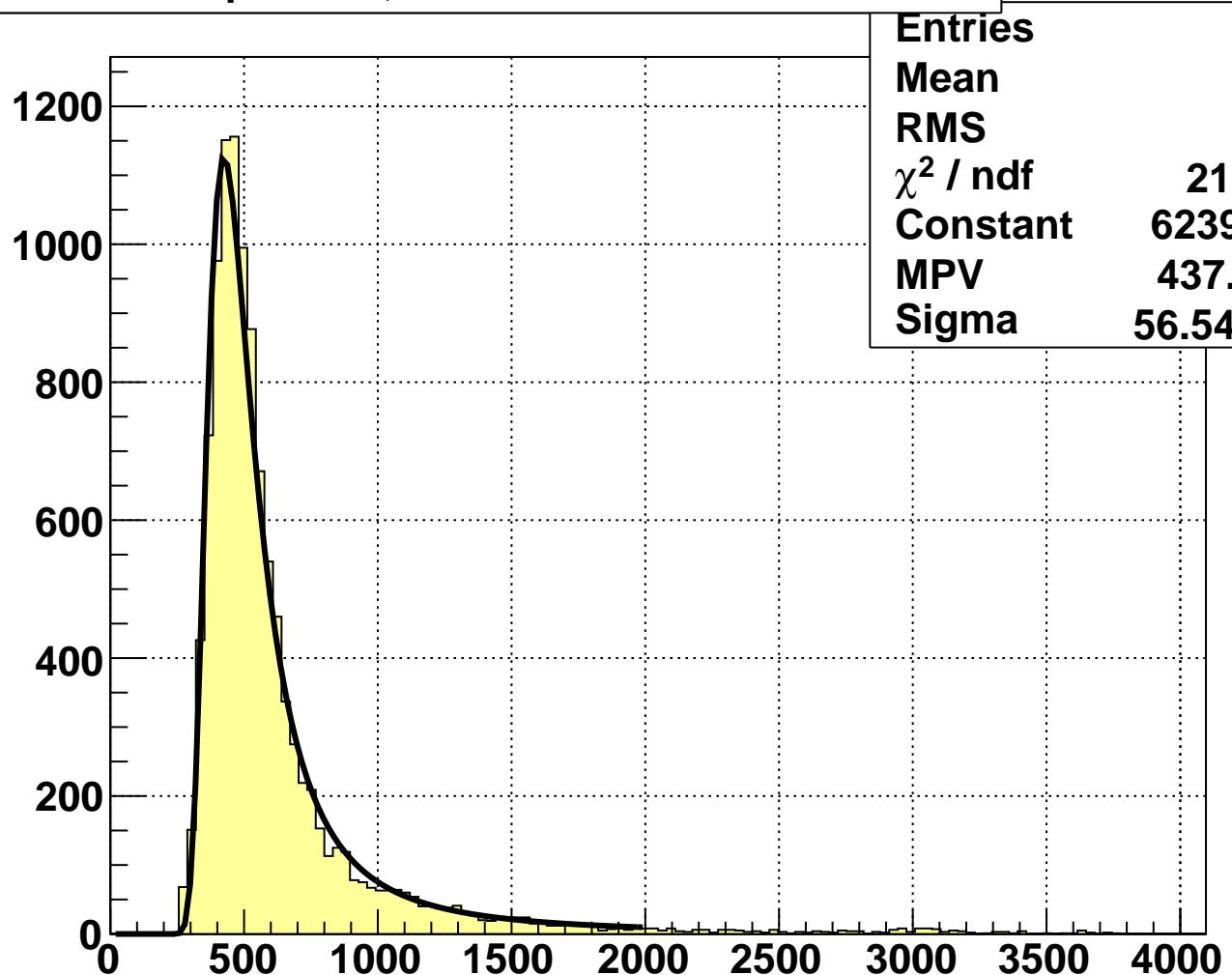
ZS_Section_56





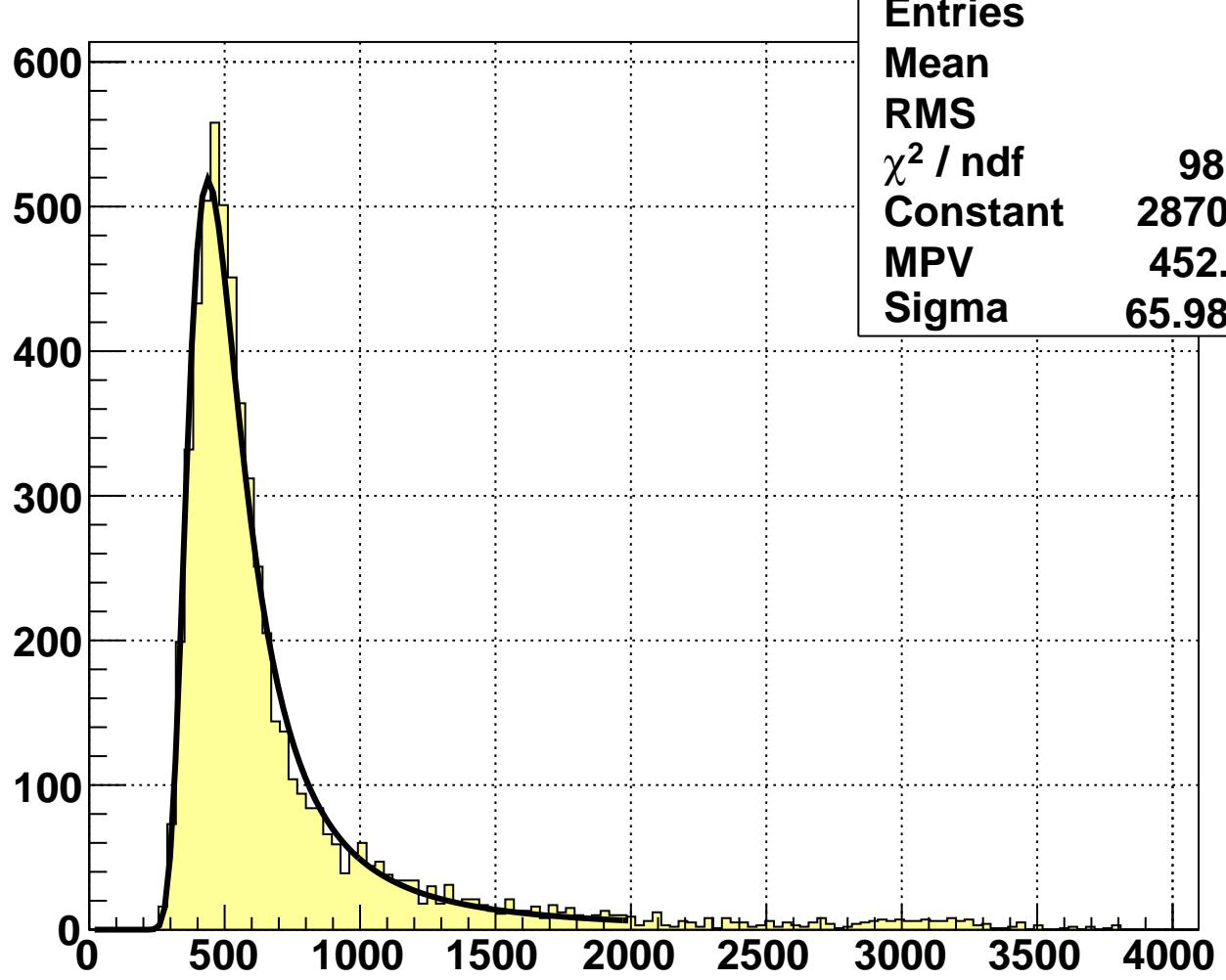
FST - MIP peak ZS, RDO5_ARM2_PORT1_SEC0

ZS_Section_58



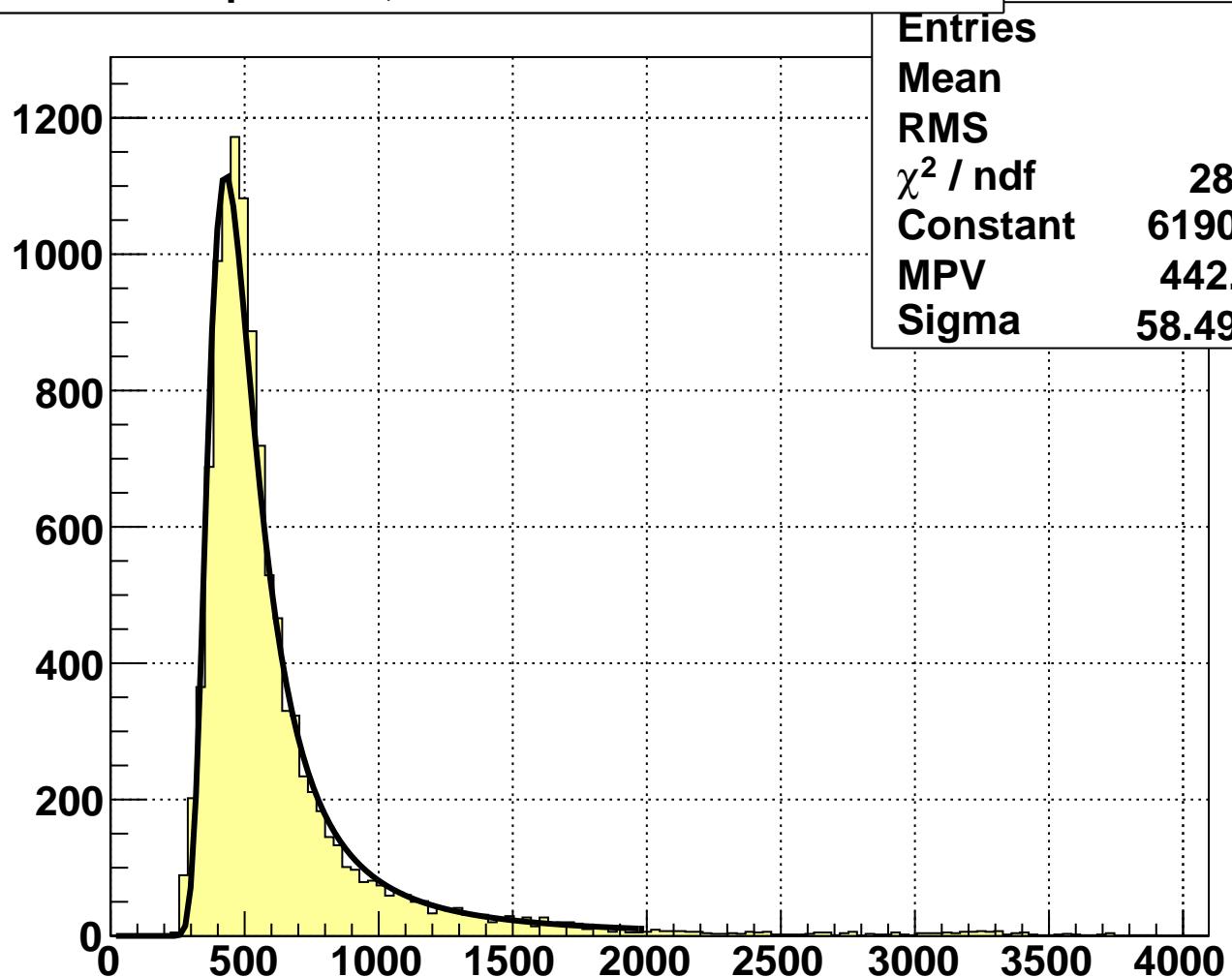
FST - MIP peak ZS, RDO5_ARM2_PORT1_SEC1

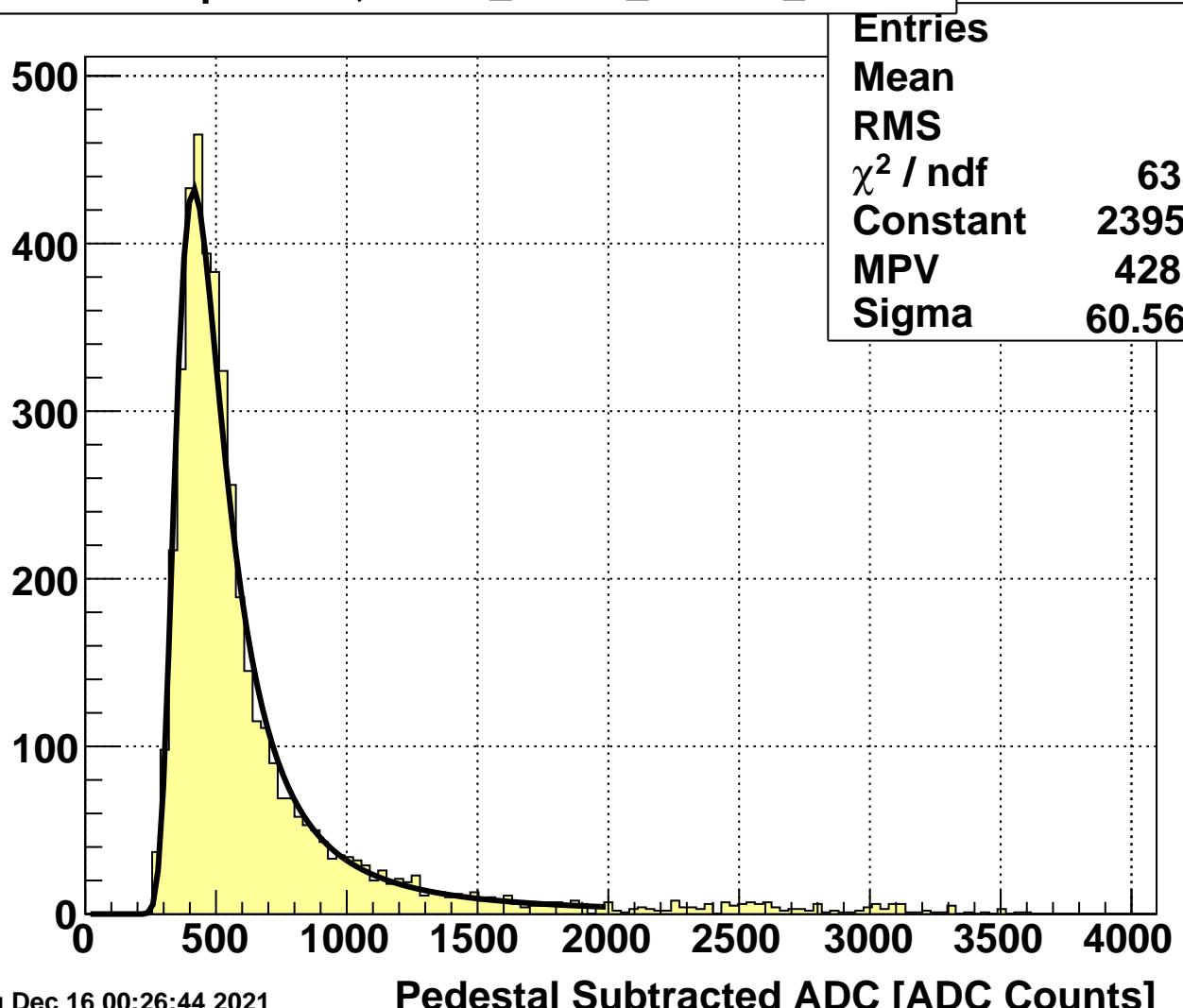
ZS_Section_59



FST - MIP peak ZS, RDO6_ARM0_PORT0_SEC0

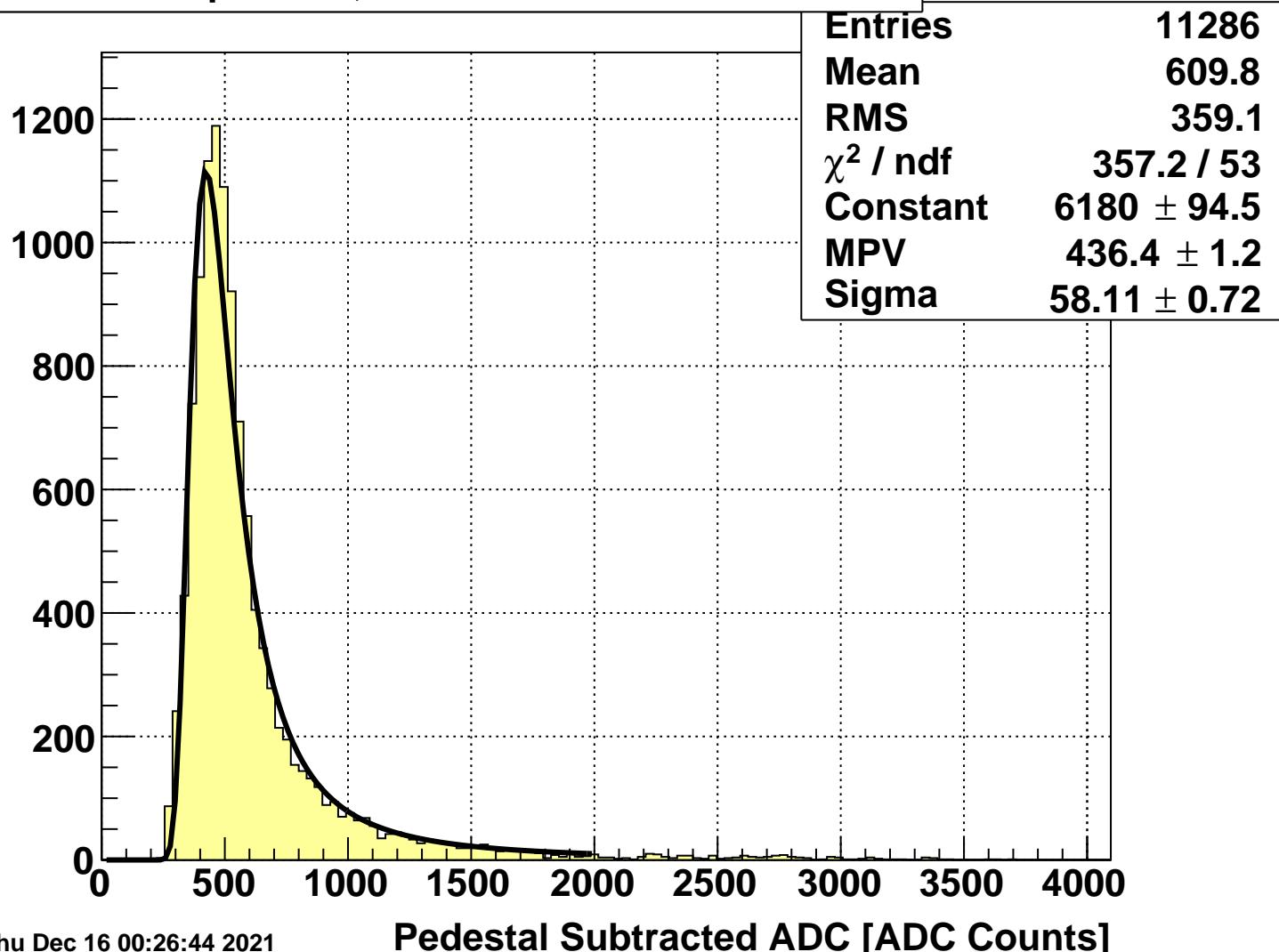
ZS_Section_60





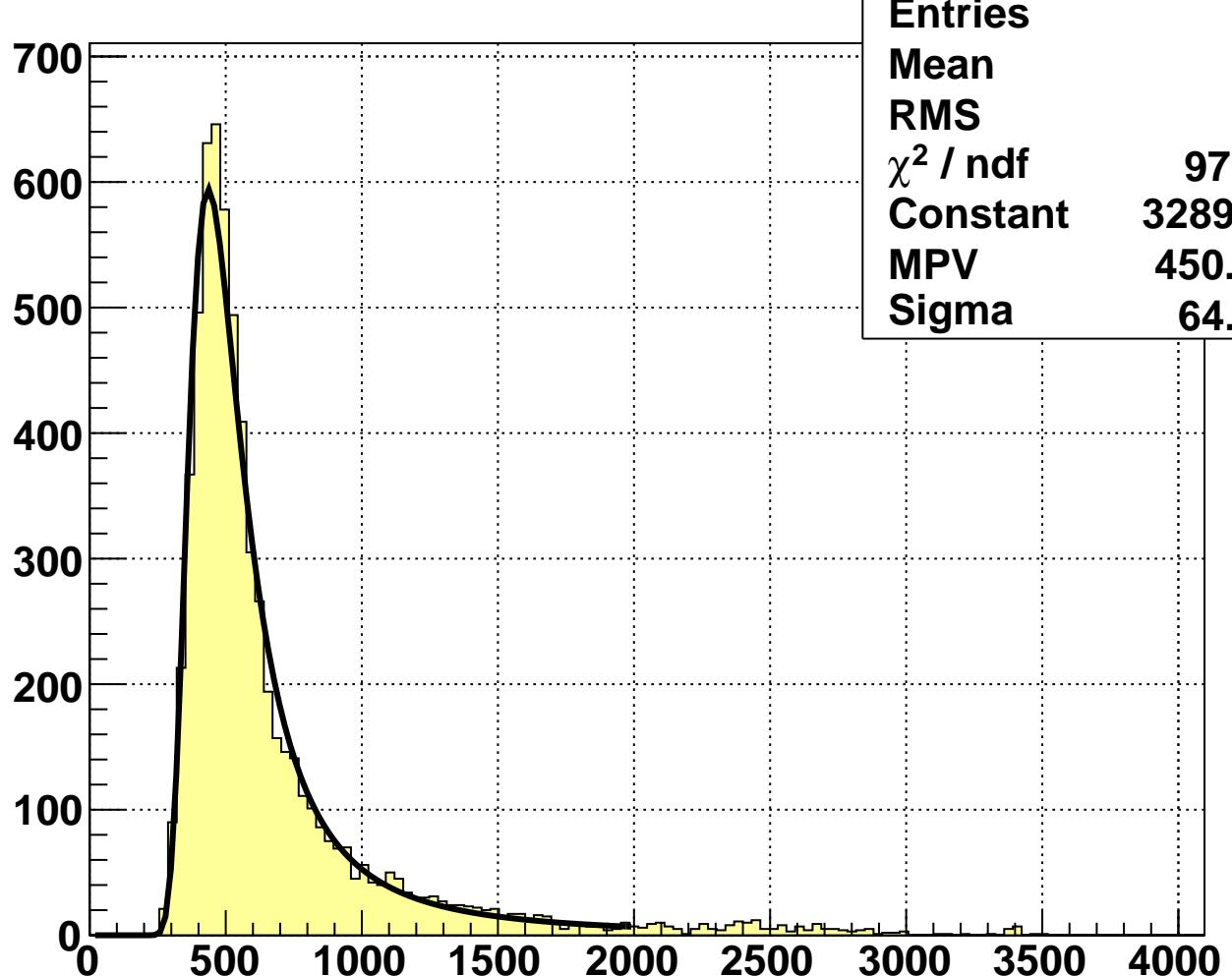
FST - MIP peak ZS, RDO6_ARM0_PORT1_SEC0

ZS_Section_62



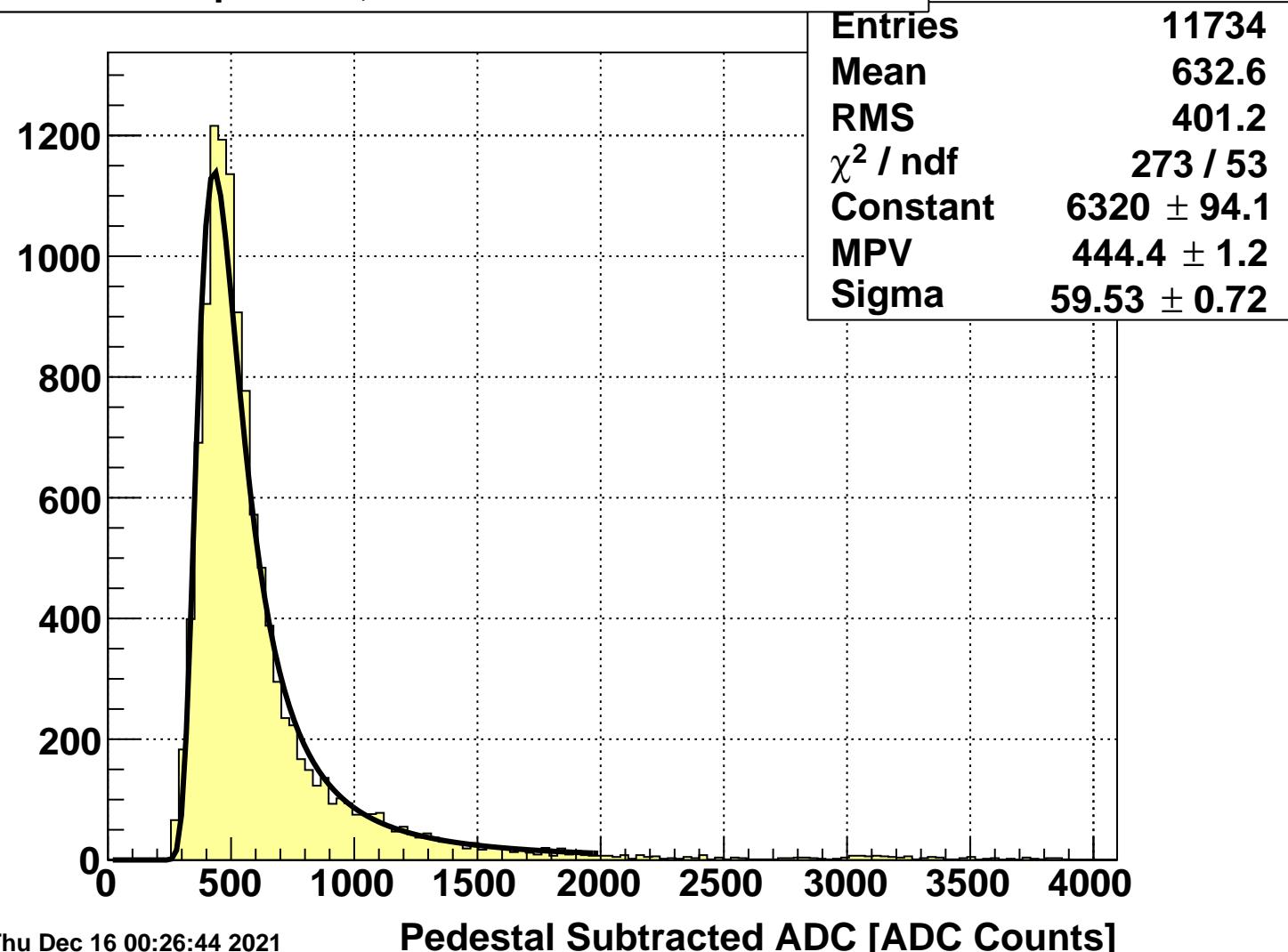
FST - MIP peak ZS, RDO6_ARM0_PORT1_SEC1

ZS_Section_63



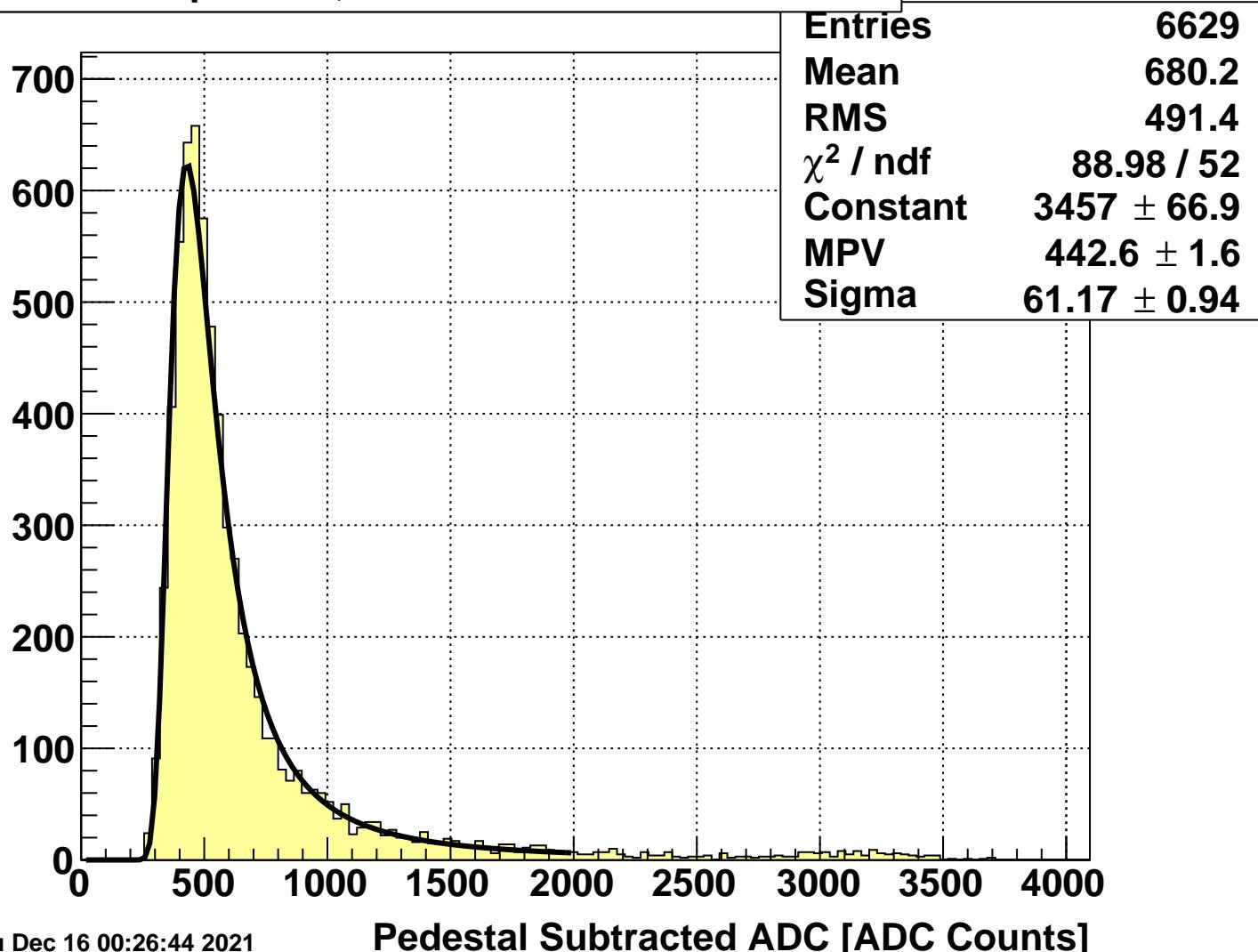
FST - MIP peak ZS, RDO6_ARM1_PORT0_SEC0

ZS_Section_64



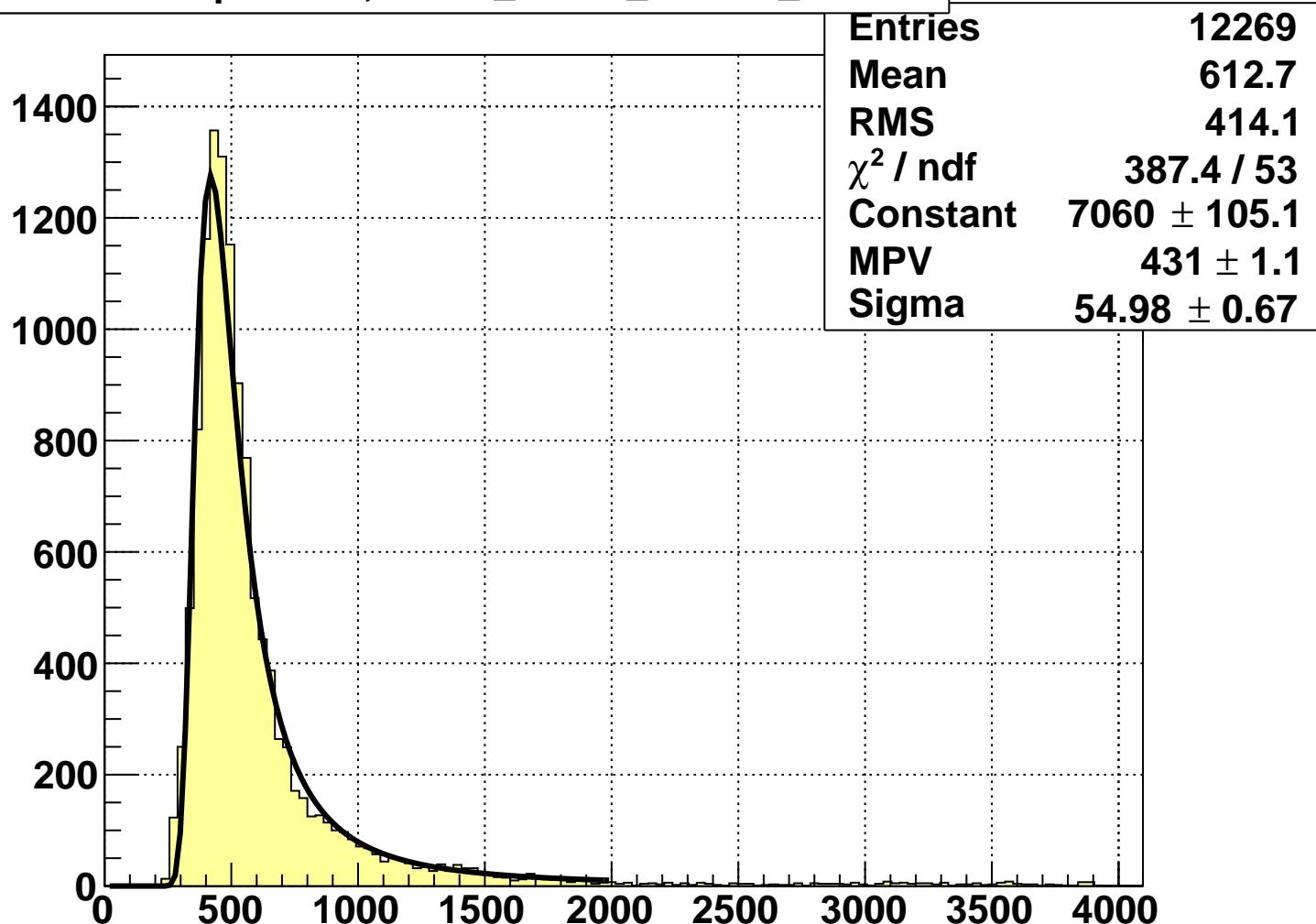
FST - MIP peak ZS, RDO6_ARM1_PORT0_SEC1

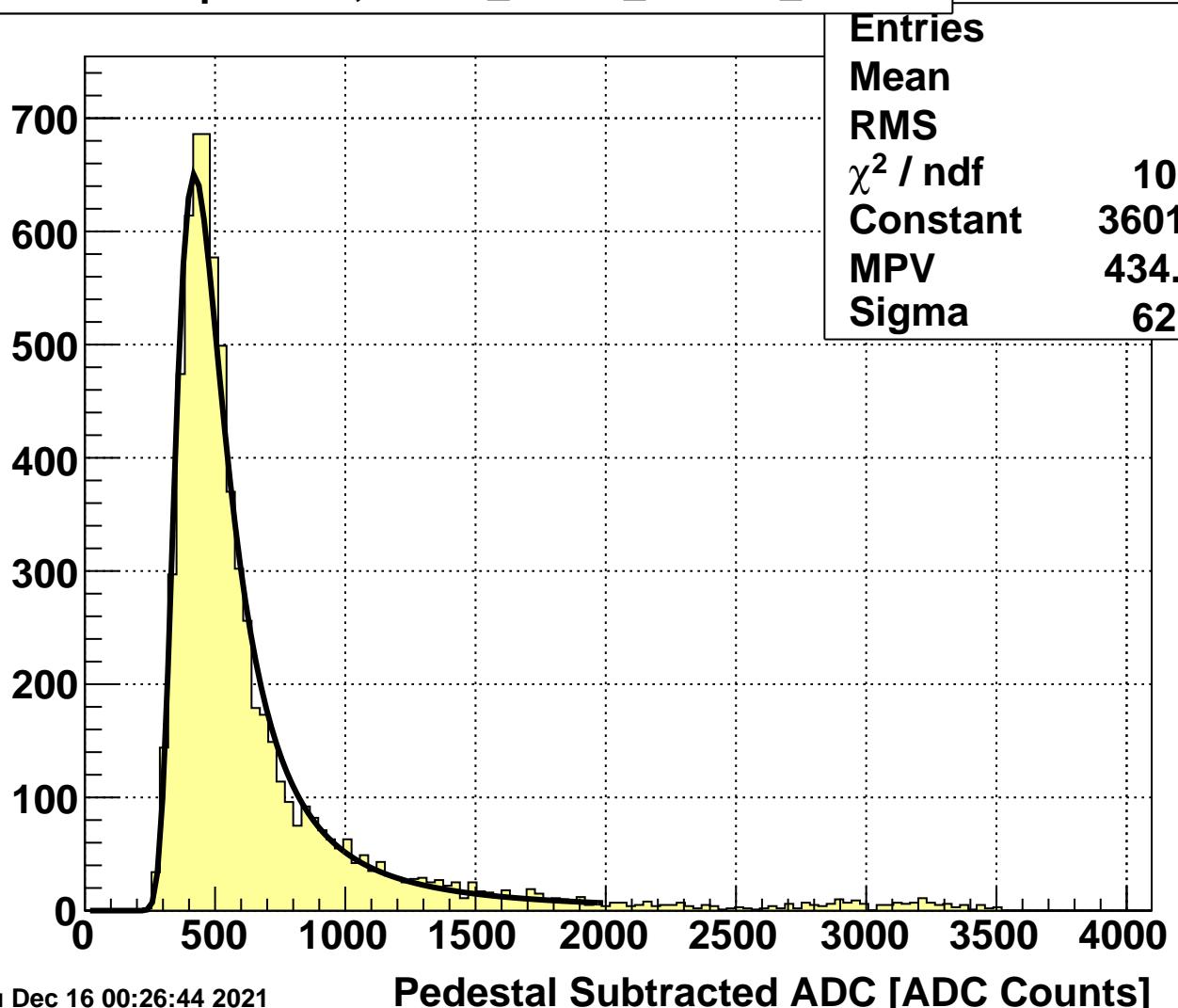
ZS_Section_65



FST - MIP peak ZS, RDO6_ARM1_PORT1_SEC0

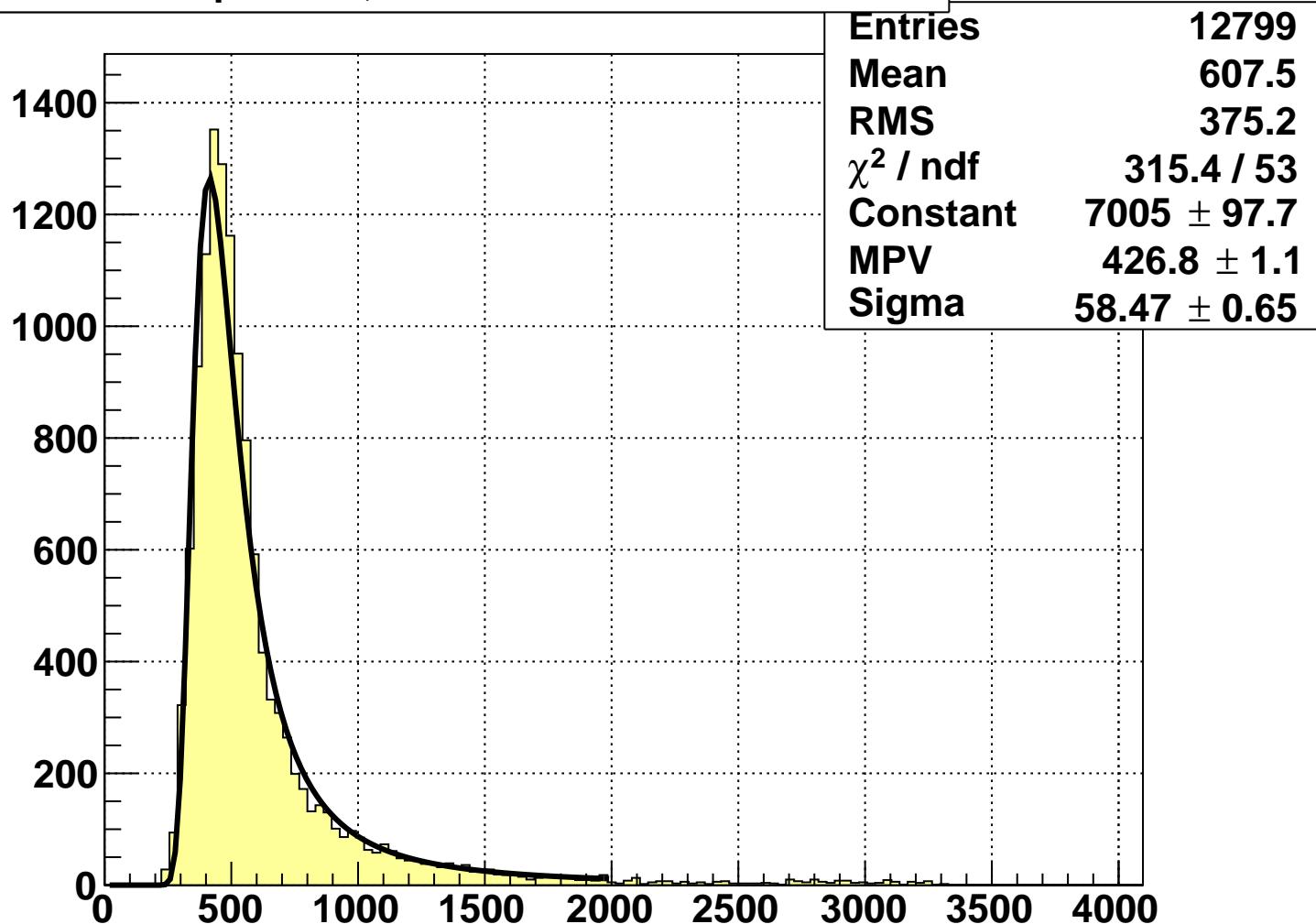
ZS_Section_66

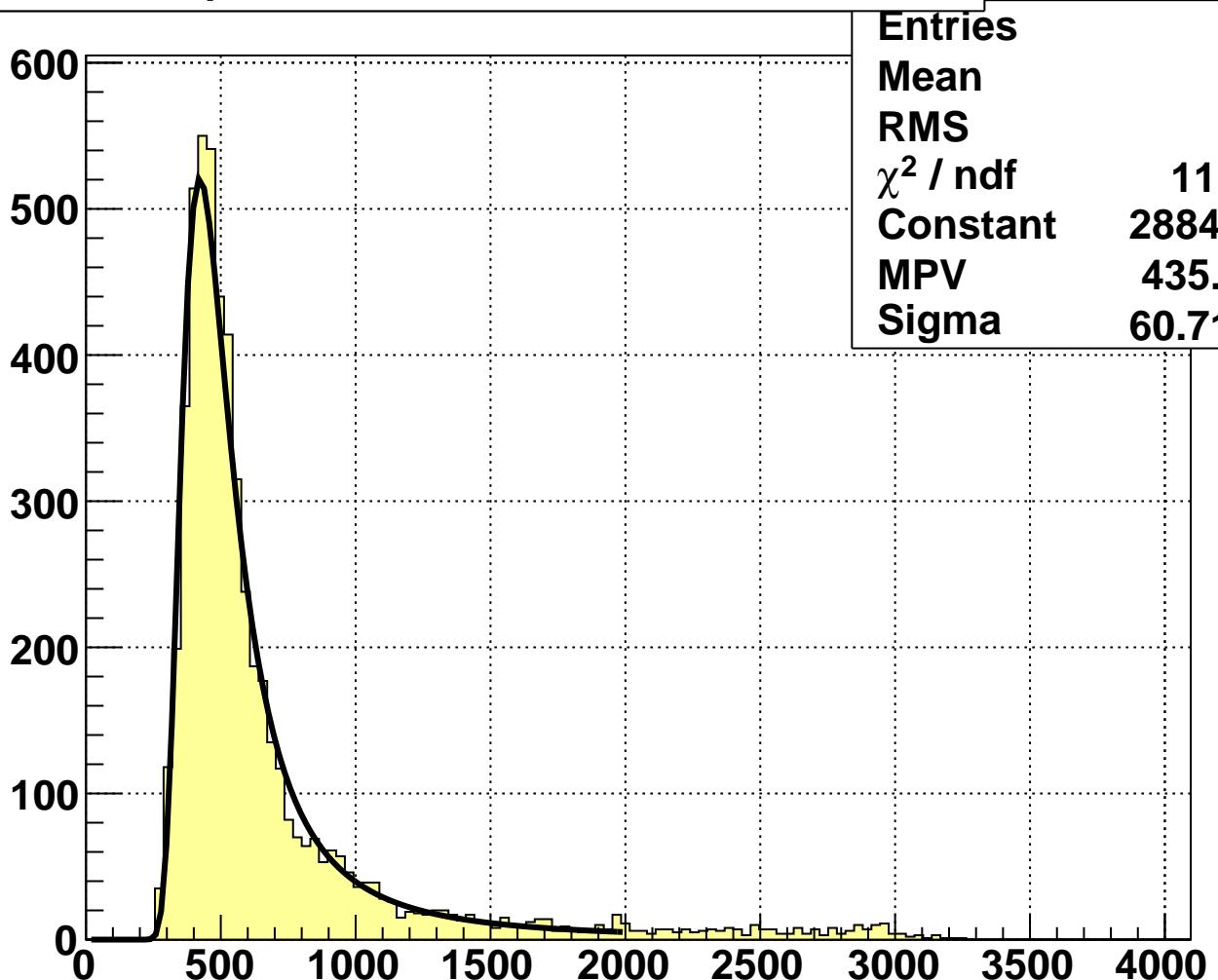




FST - MIP peak ZS, RDO6_ARM2_PORT0_SEC0

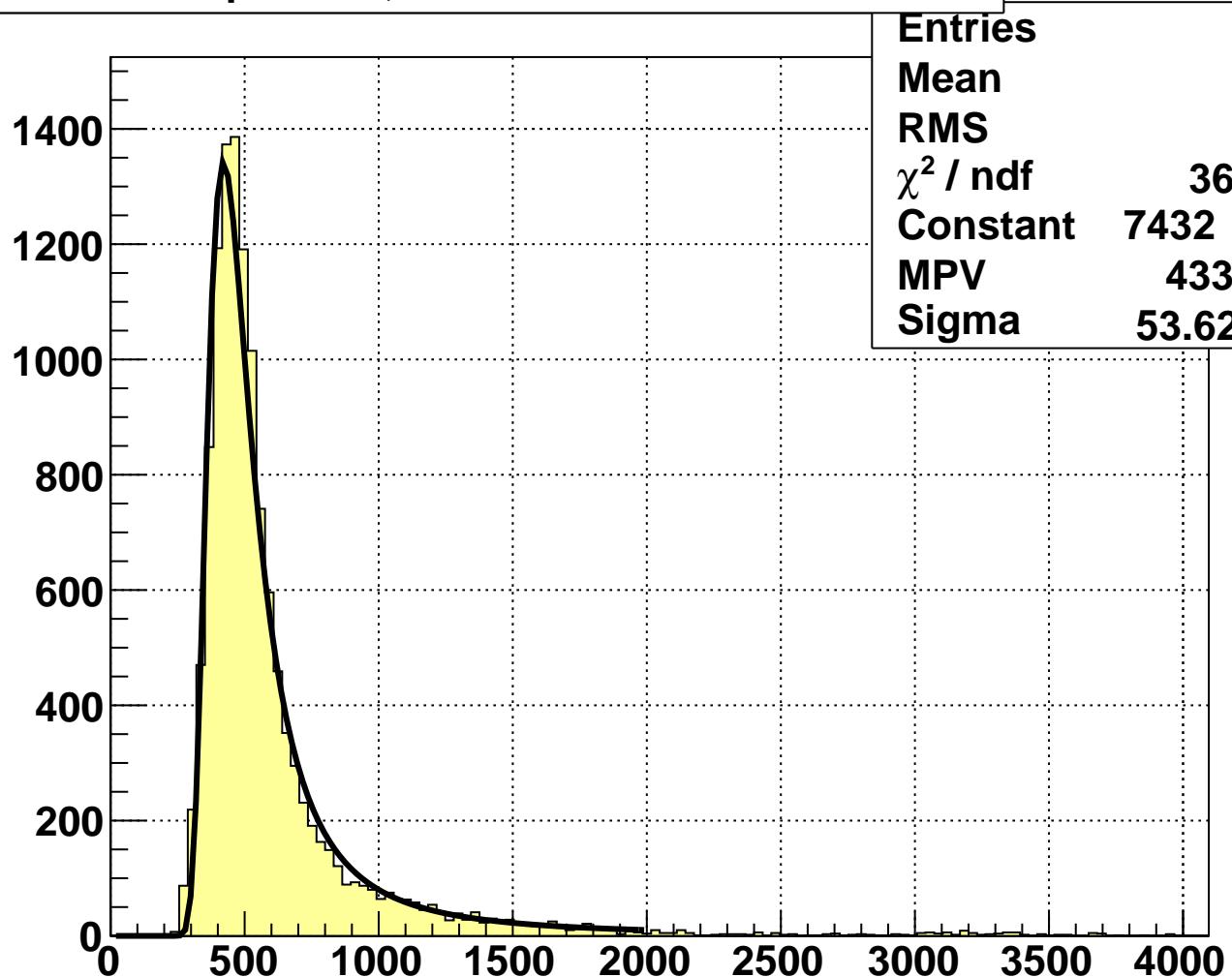
ZS_Section_68

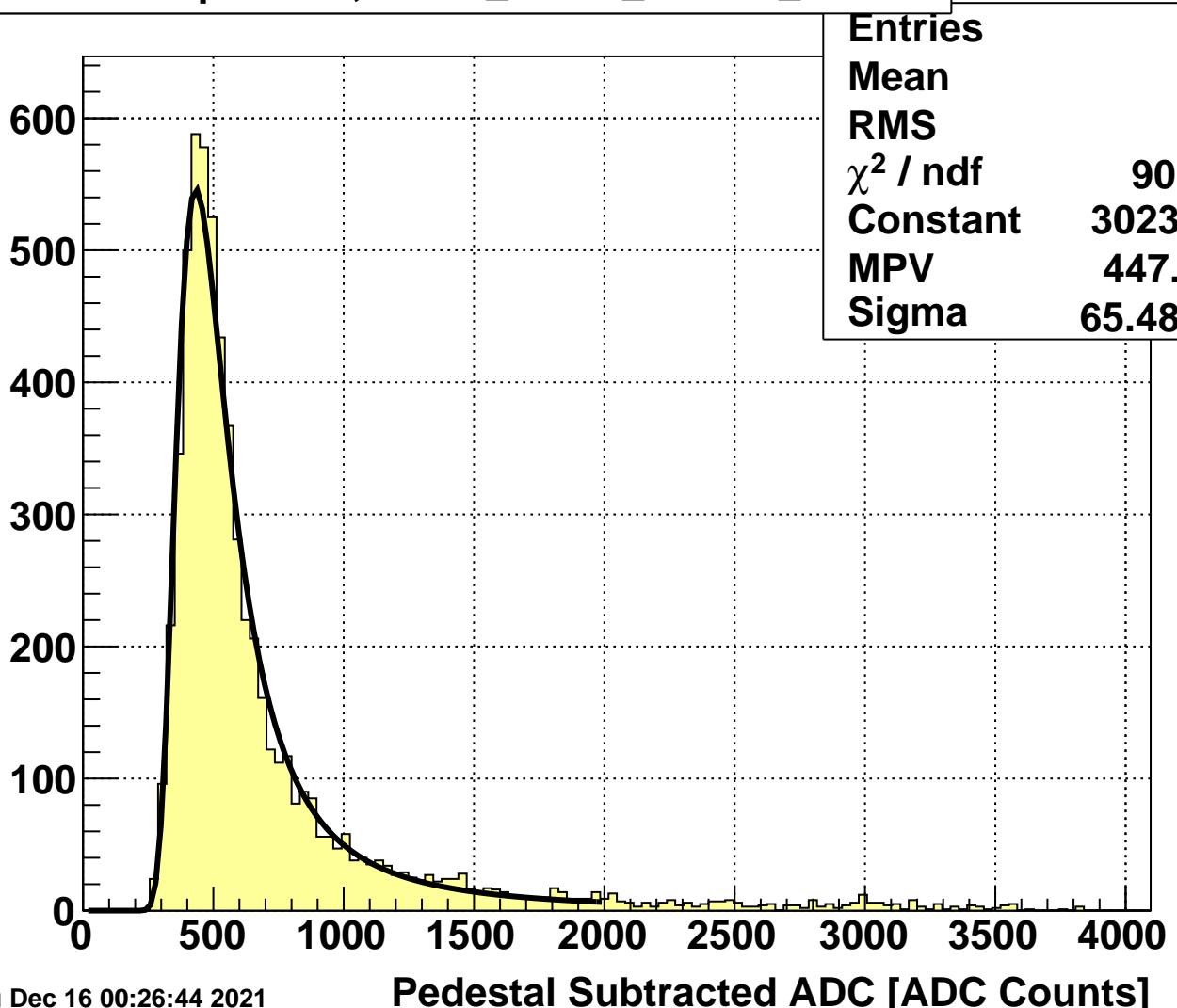




FST - MIP peak ZS, RDO6_ARM2_PORT1_SEC0

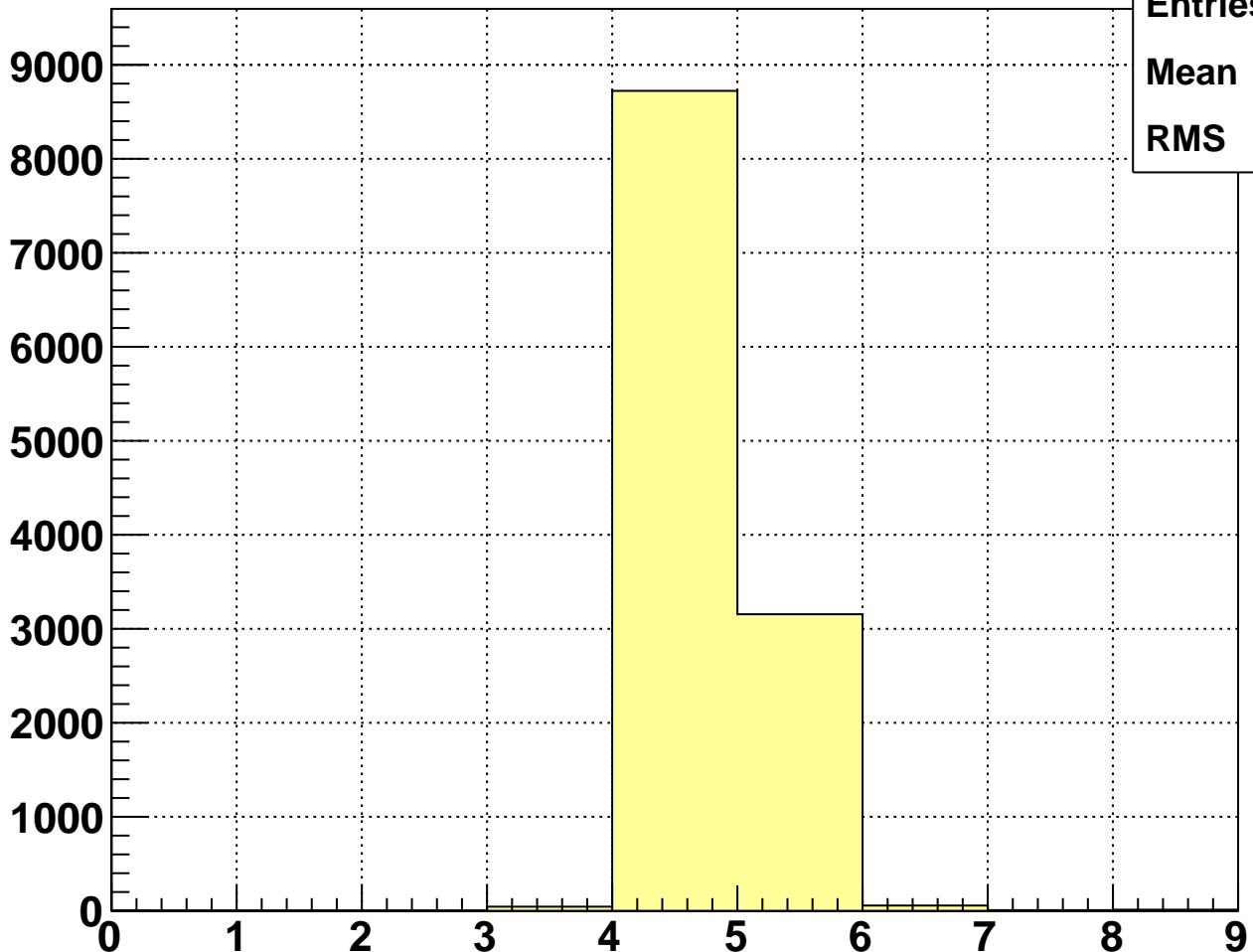
ZS_Section_70





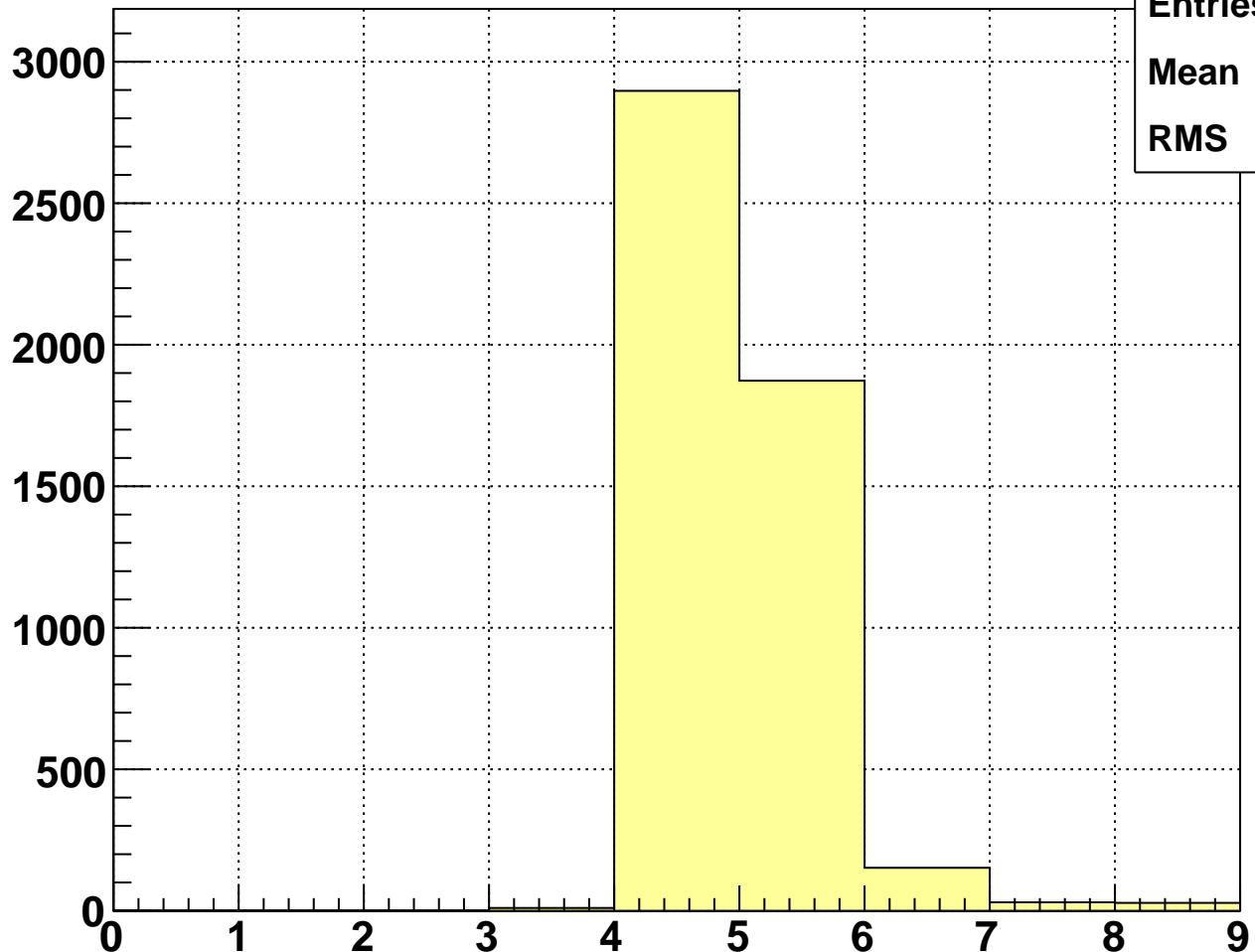
FST - Max time bin (ZS), RDO1_ARM0_PORT0_SEC0

maxTB_ZS_Section_0
Entries 11997
Mean 4.274
RMS 0.4809



FST - Max time bin (ZS), RDO1_ARM0_PORT0_SEC1

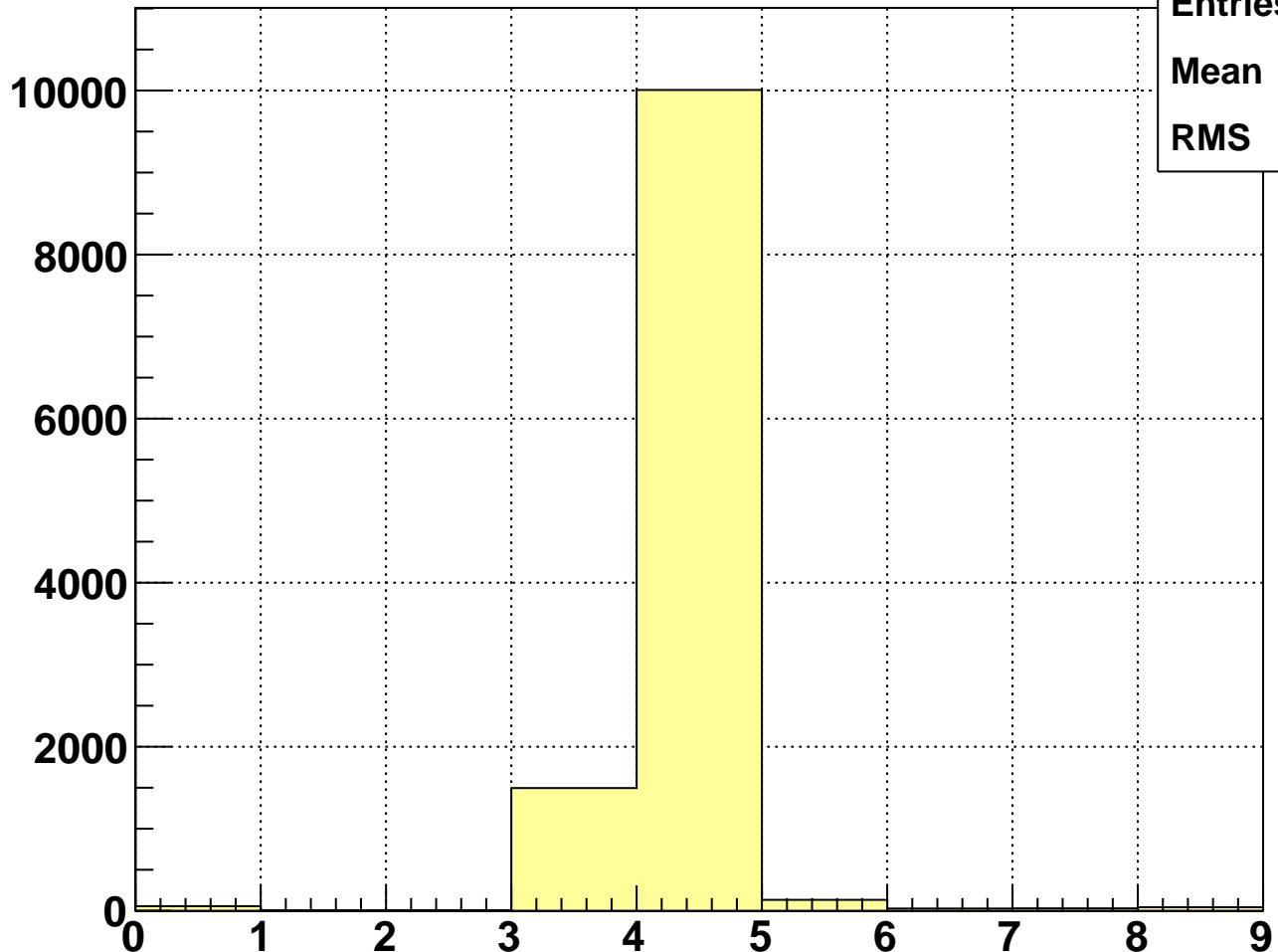
maxTB_ZS_Section_1



Entries 4990
Mean 4.475
RMS 0.6463

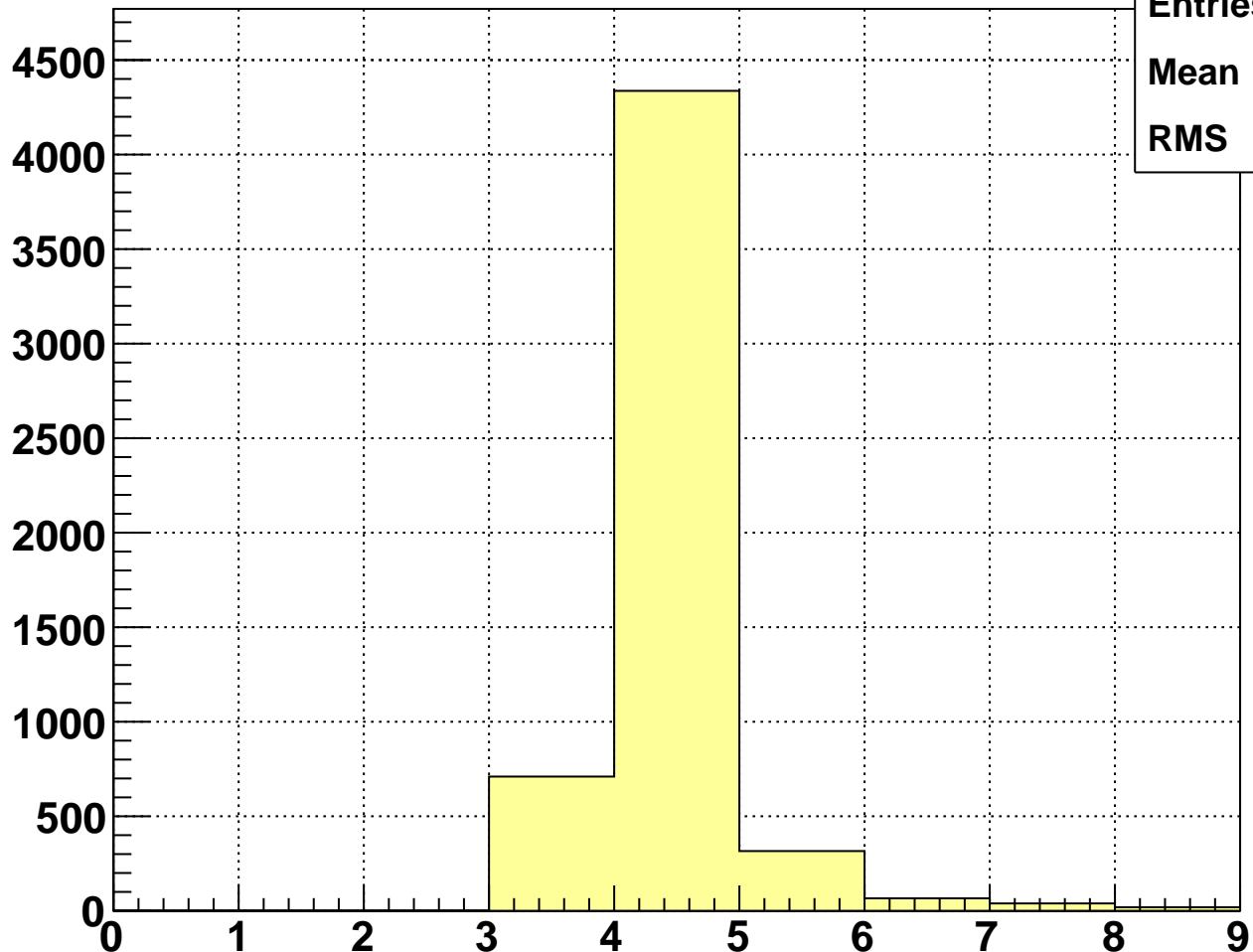
FST - Max time bin (ZS), RDO1_ARM0_PORT1_SEC0

maxTB_ZS_Section_2
Entries 11802
Mean 3.89
RMS 0.5448



FST - Max time bin (ZS), RDO1_ARM0_PORT1_SEC1

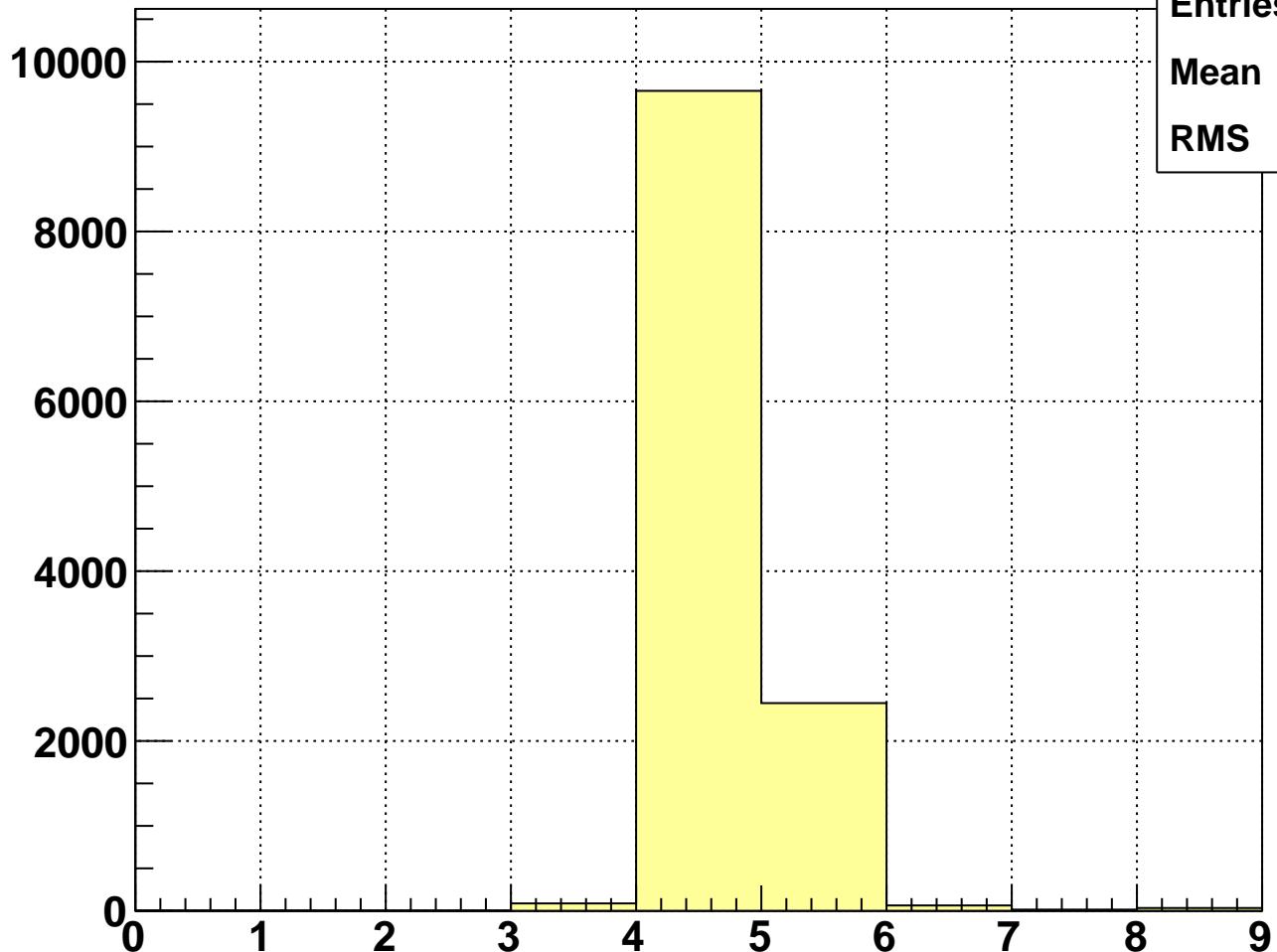
maxTB_ZS_Section_3



Entries	5487
Mean	3.987
RMS	0.5952

FST - Max time bin (ZS), RDO1_ARM1_PORT0_SEC0

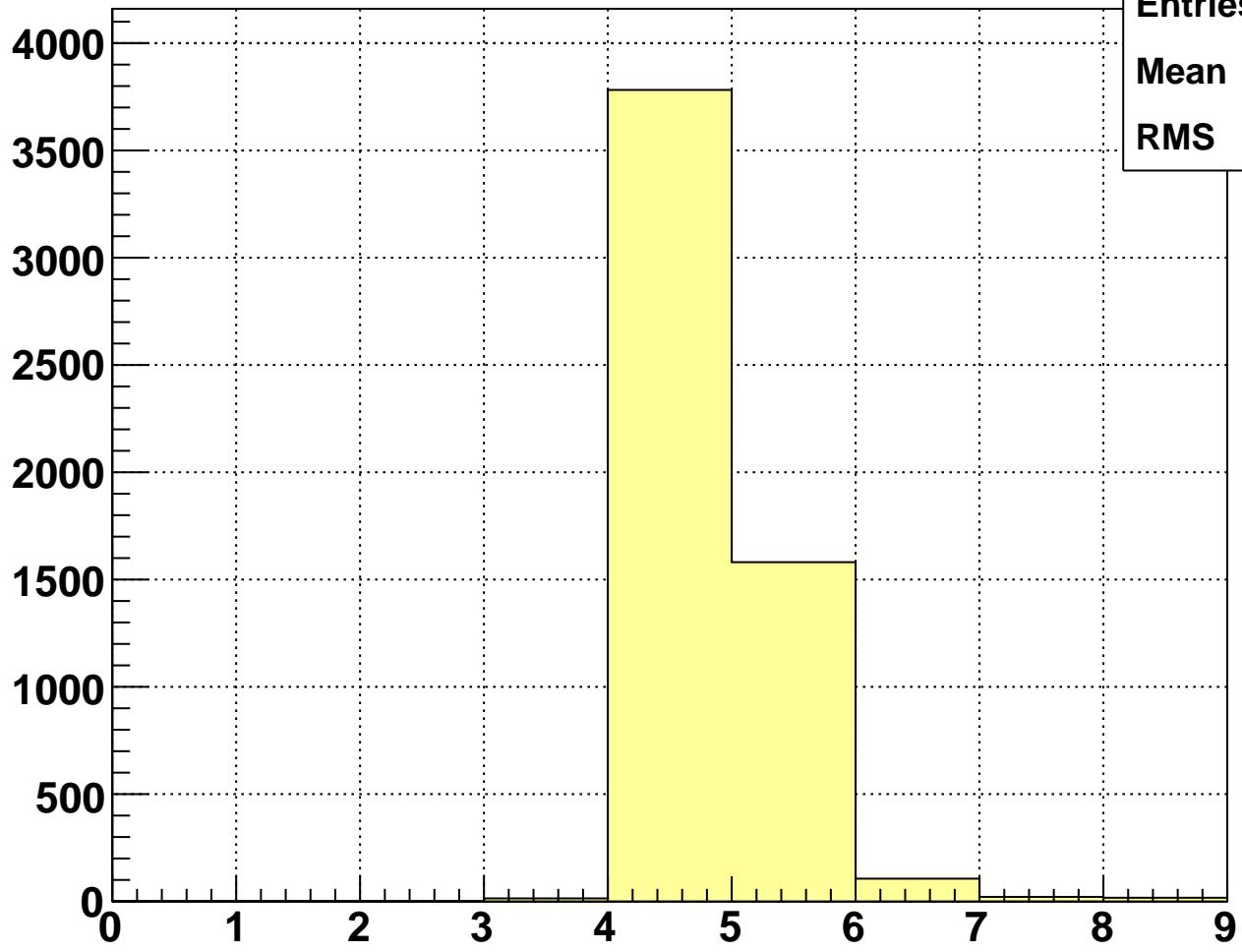
maxTB_ZS_Section_4



Entries 12300
Mean 4.216
RMS 0.484

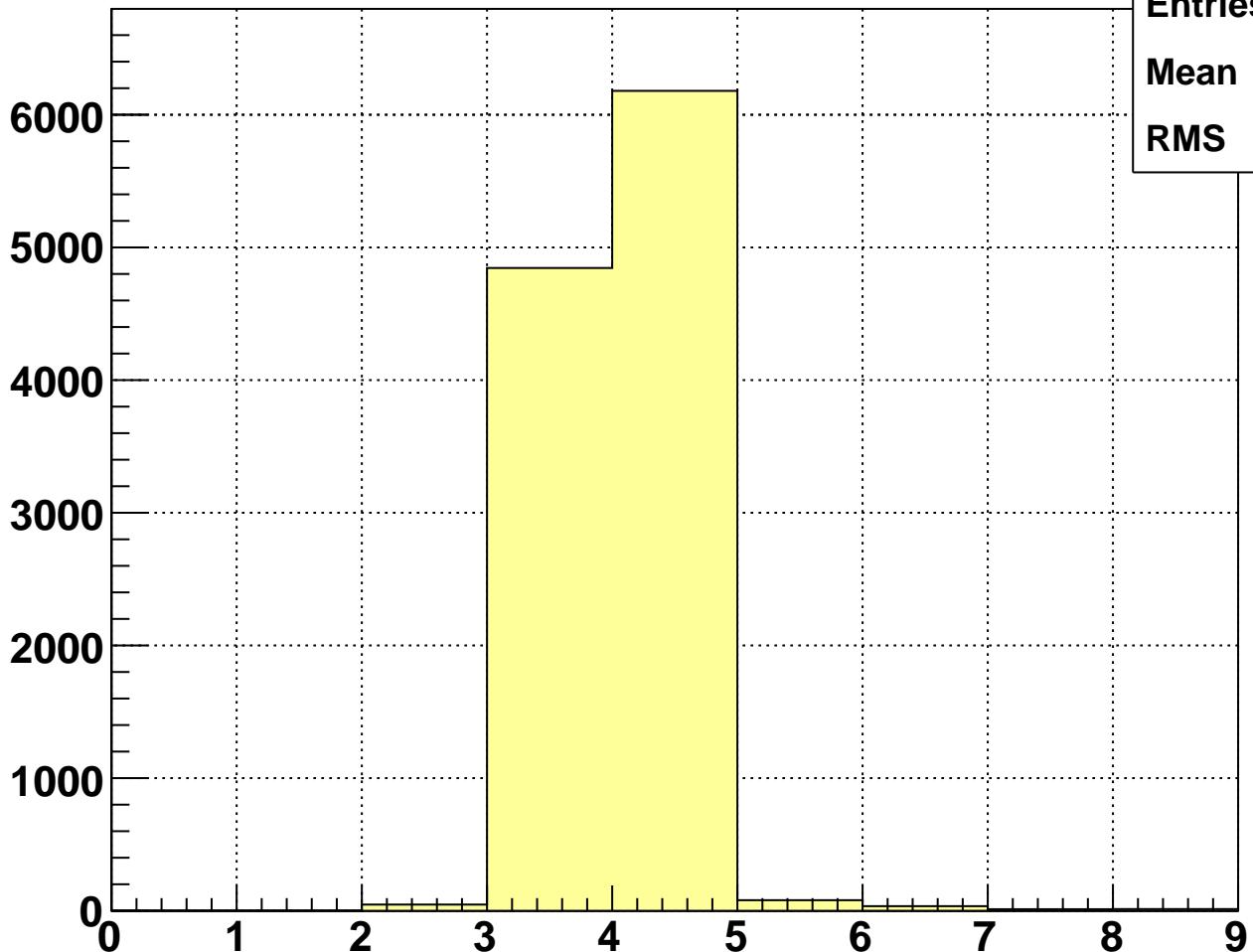
FST - Max time bin (ZS), RDO1_ARM1_PORT0_SEC1

maxTB_ZS_Section_5	
Entries	5521
Mean	4.346
RMS	0.574



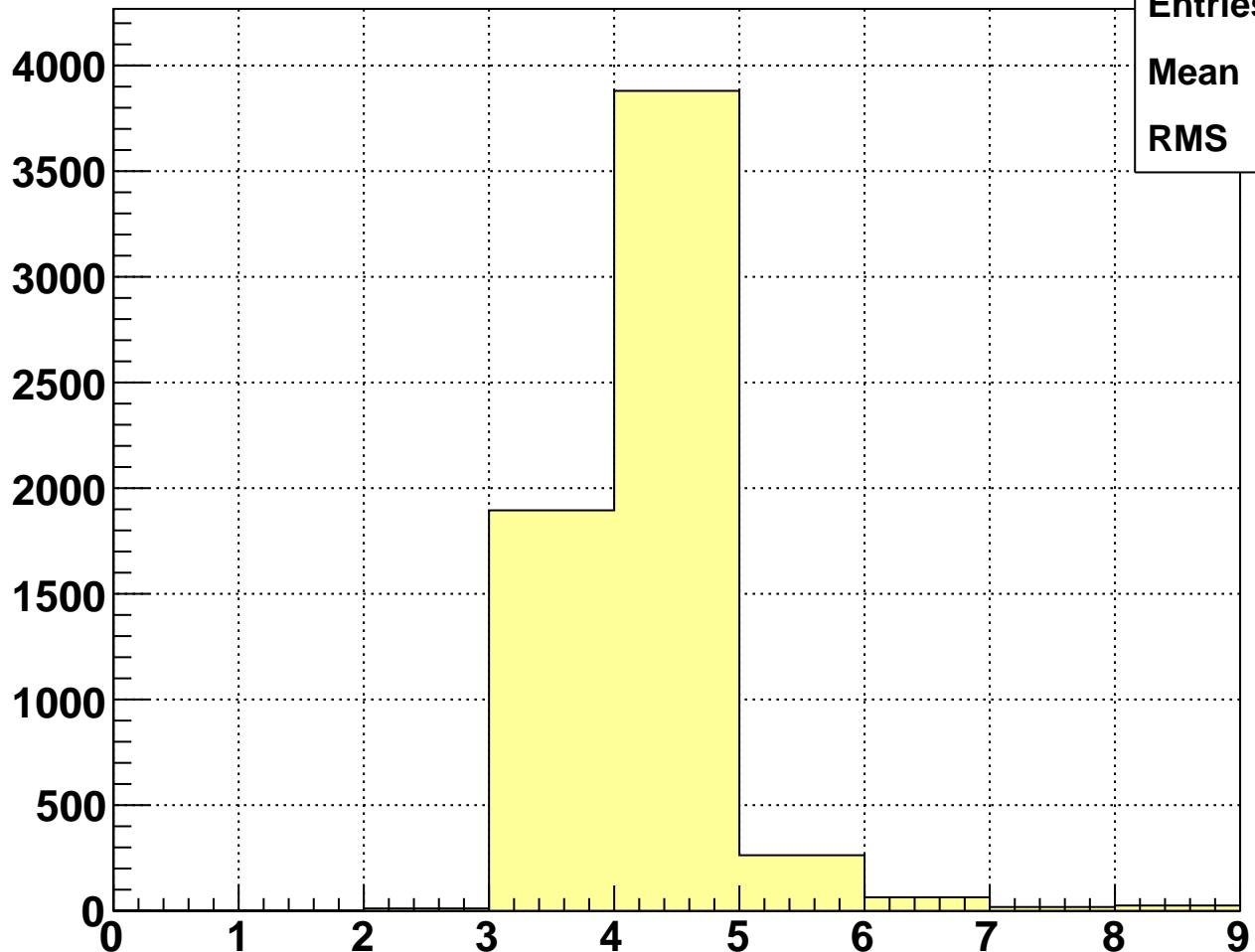
FST - Max time bin (ZS), RDO1_ARM1_PORT1_SEC0

maxTB_ZS_Section_6
Entries 11212
Mean 3.581
RMS 0.5665



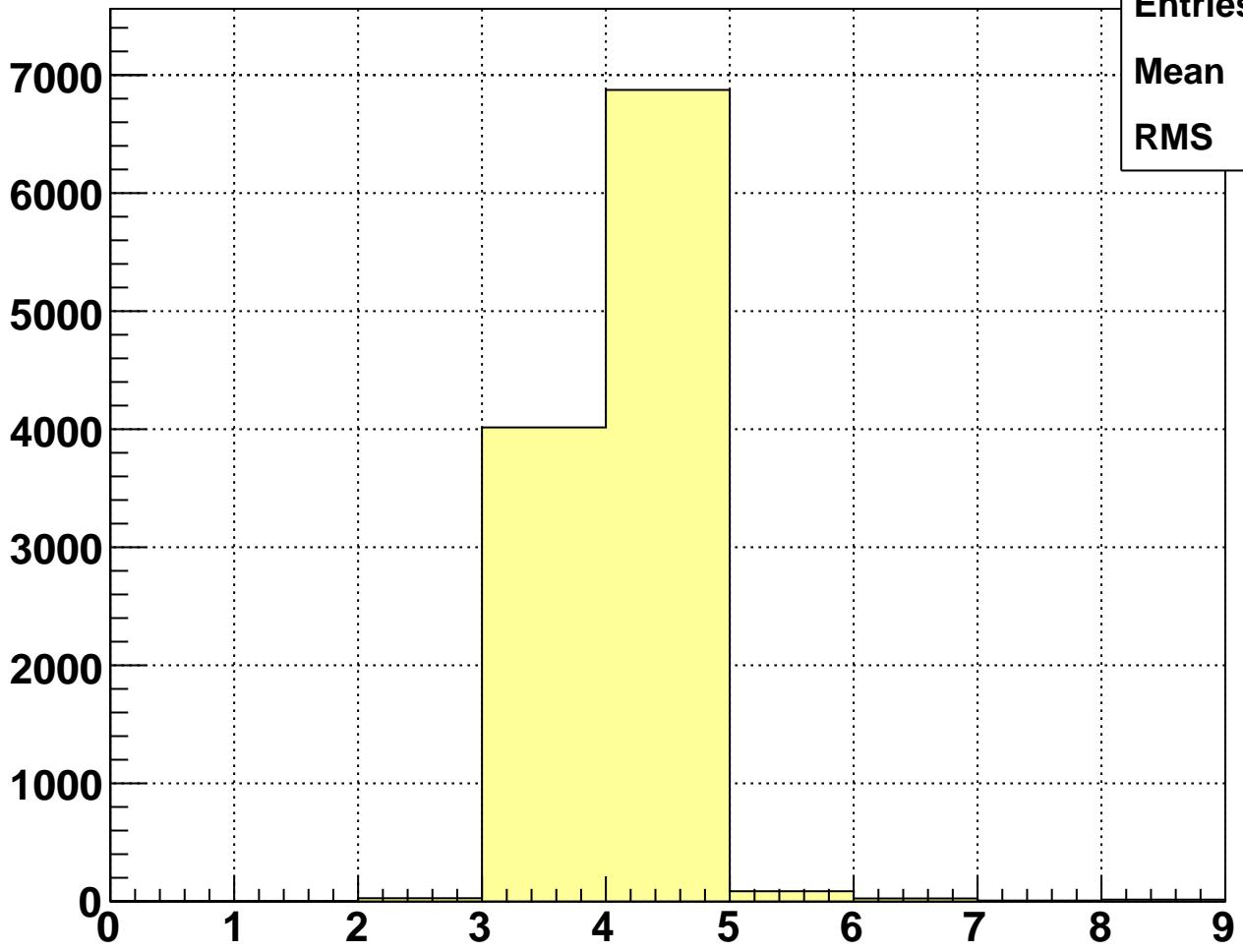
FST - Max time bin (ZS), RDO1_ARM1_PORT1_SEC1

maxTB_ZS_Section_7	
Entries	6156
Mean	3.777
RMS	0.664



FST - Max time bin (ZS), RDO1_ARM2_PORT0_SEC0

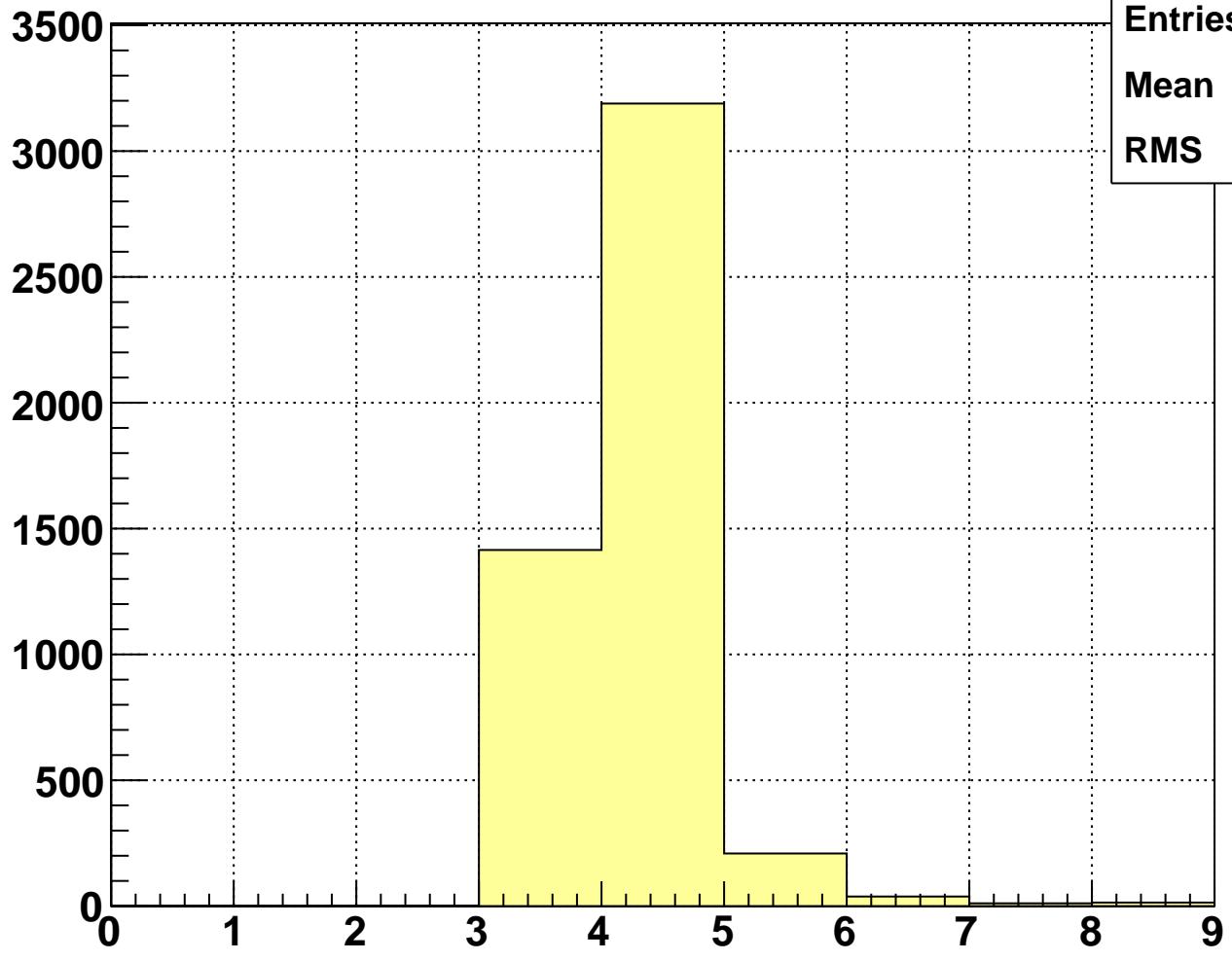
maxTB_ZS_Section_8



Entries 11049
Mean 3.651
RMS 0.5439

FST - Max time bin (ZS), RDO1_ARM2_PORT0_SEC1

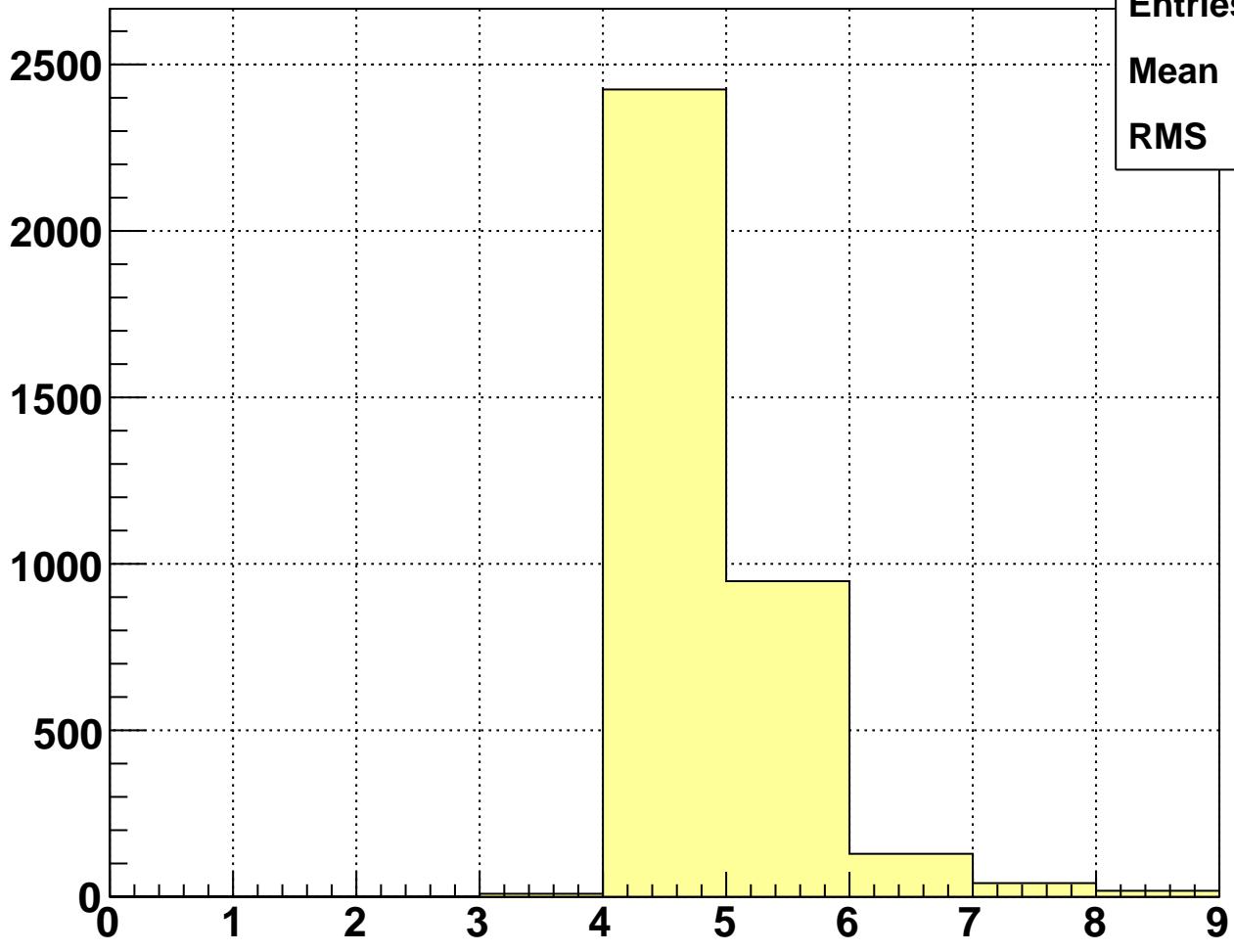
maxTB_ZS_Section_9



Entries	4877
Mean	3.786
RMS	0.6209

FST - Max time bin (ZS), RDO1_ARM2_PORT1_SEC0

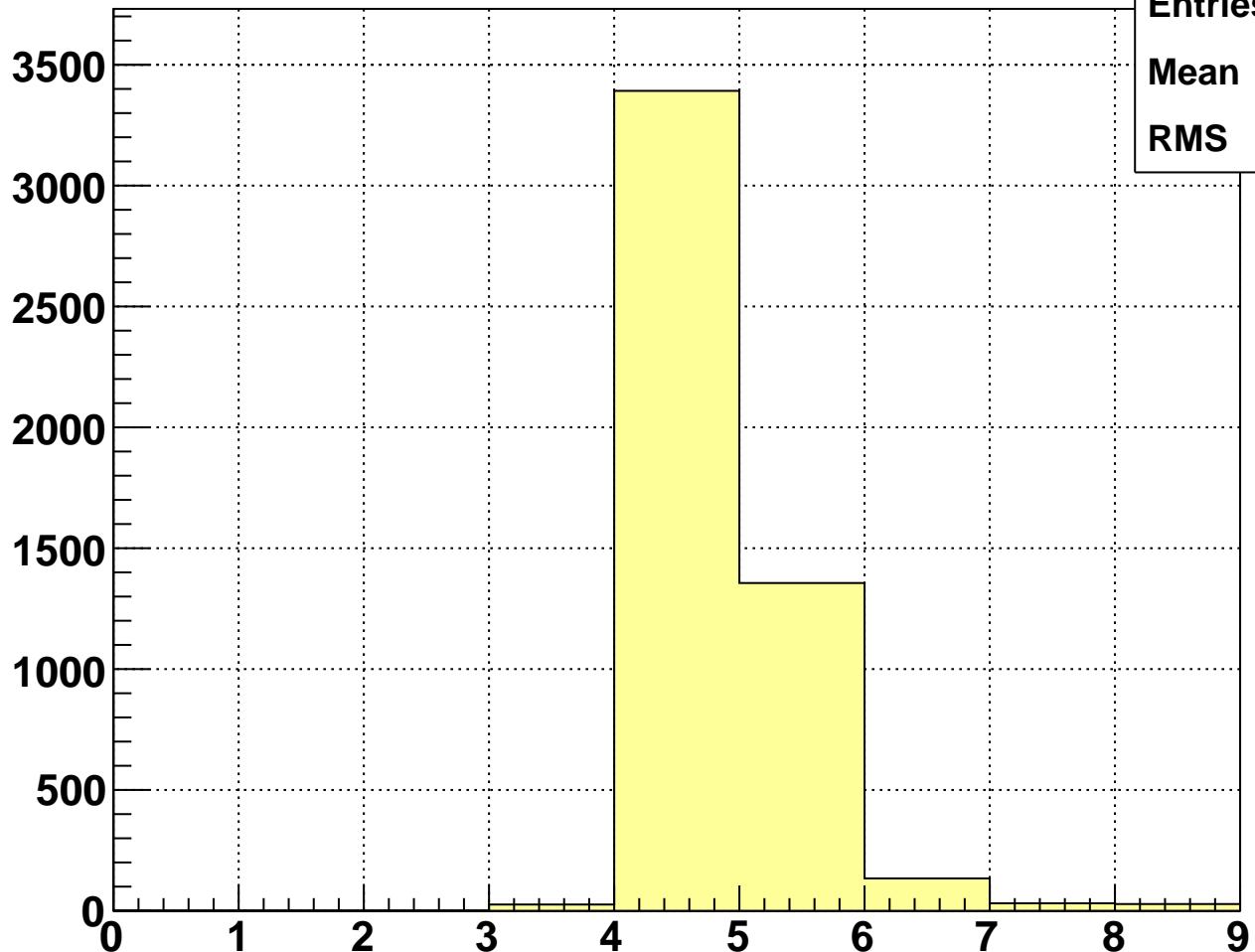
maxTB_ZS_Section_10



Entries 3571
Mean 4.389
RMS 0.6707

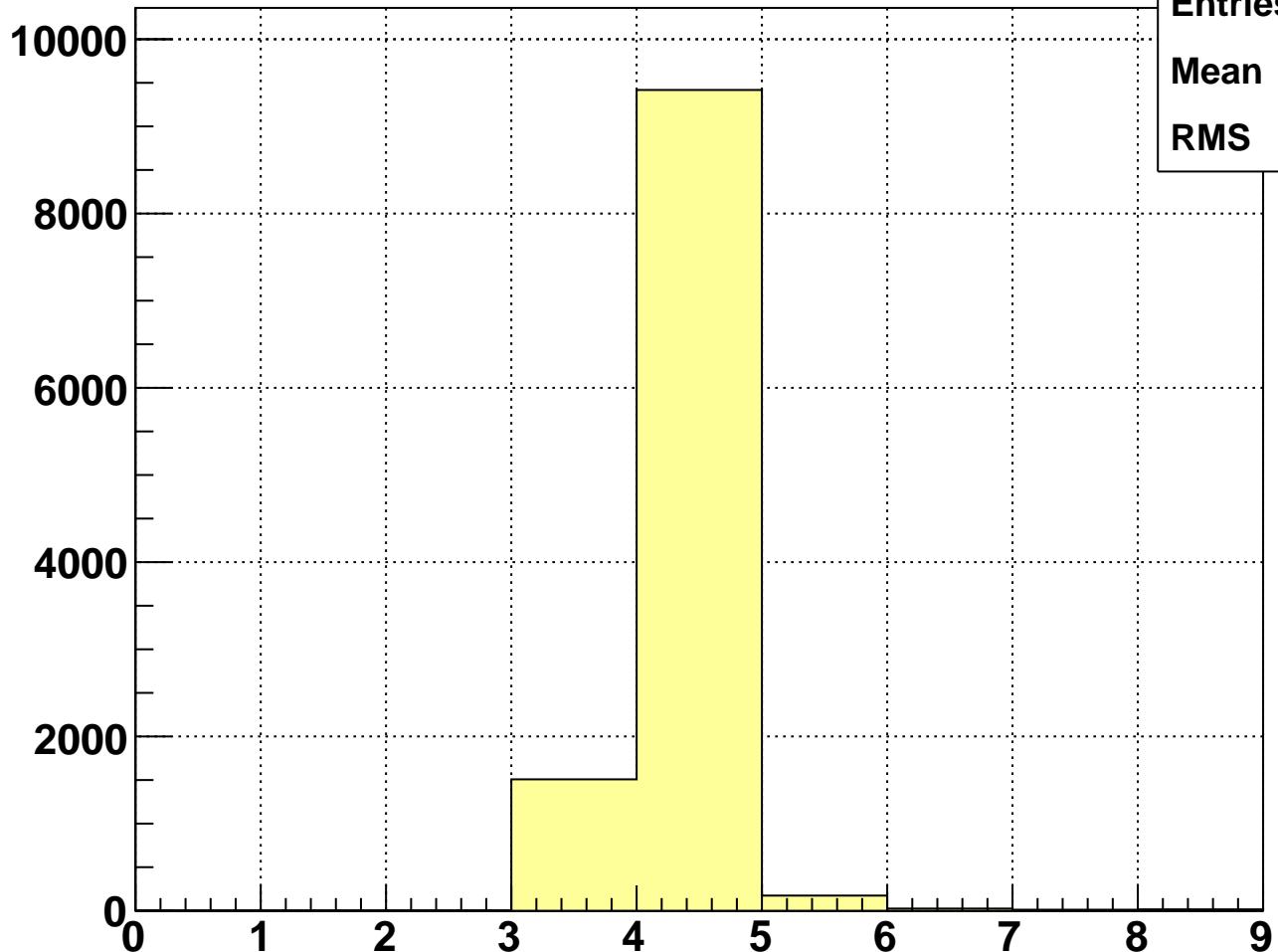
FST - Max time bin (ZS), RDO1_ARM2_PORT1_SEC1

maxTB_ZS_Section_11	
Entries	4967
Mean	4.363
RMS	0.633



FST - Max time bin (ZS), RDO2_ARM0_PORT0_SEC0

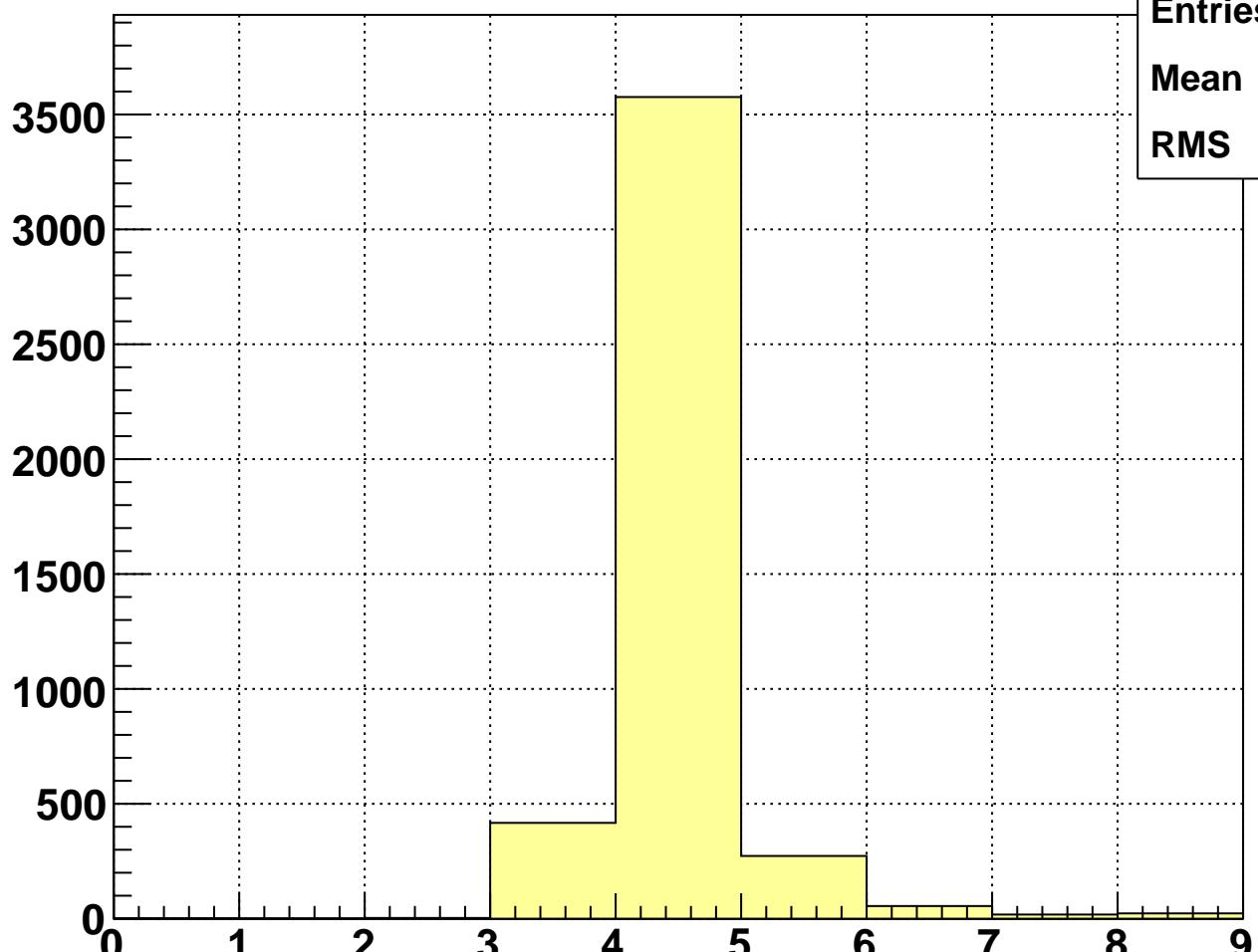
maxTB_ZS_Section_12



Entries 11154
Mean 3.894
RMS 0.426

FST - Max time bin (ZS), RDO2_ARM0_PORT0_SEC1

maxTB_ZS_Section_13

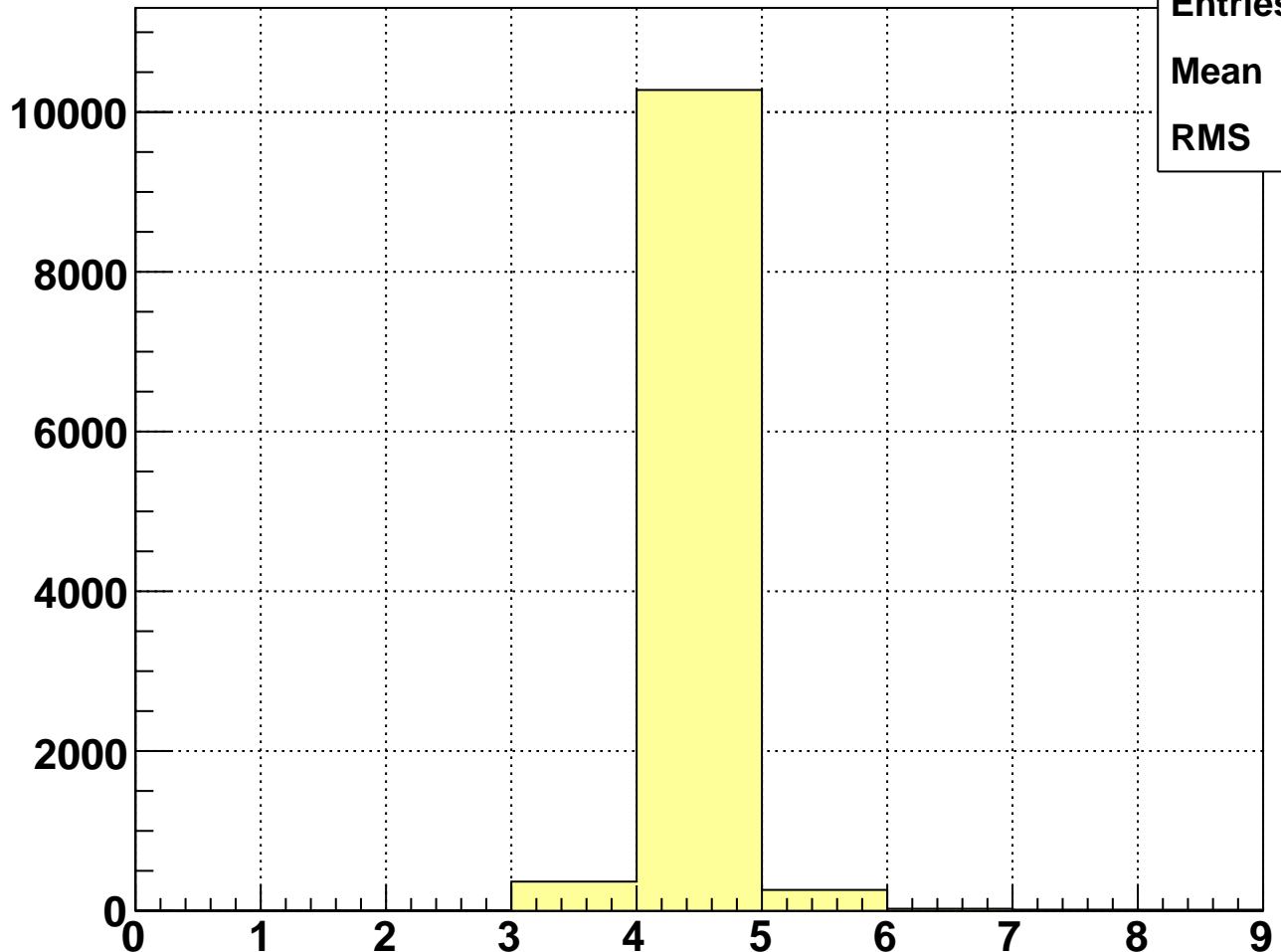


Entries	4366
Mean	4.023
RMS	0.5794

FST - Max time bin (ZS), RDO2_ARM0_PORT1_SEC0

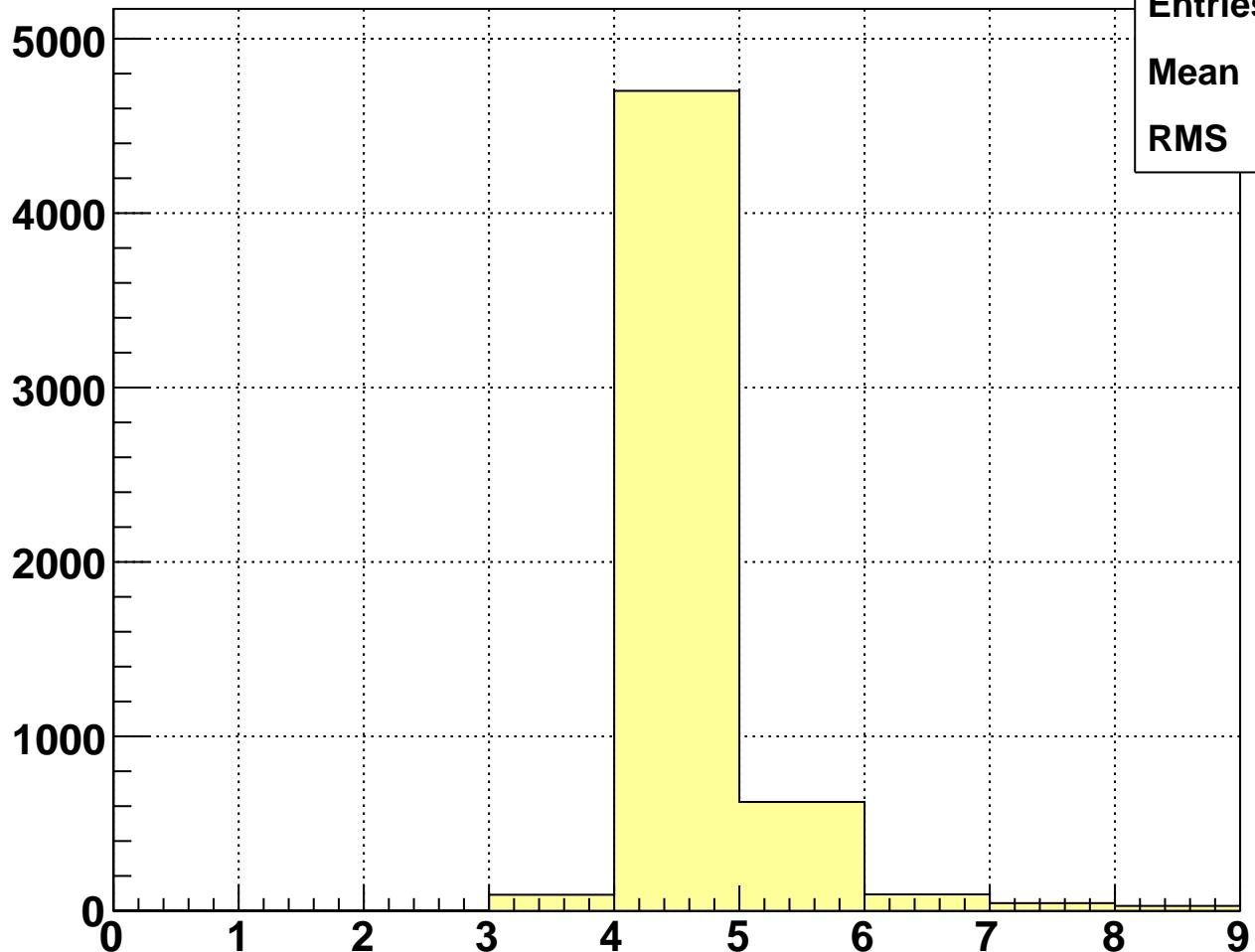
maxTB_ZS_Section_14

Entries 10959
Mean 4.003
RMS 0.3133



FST - Max time bin (ZS), RDO2_ARM0_PORT1_SEC1

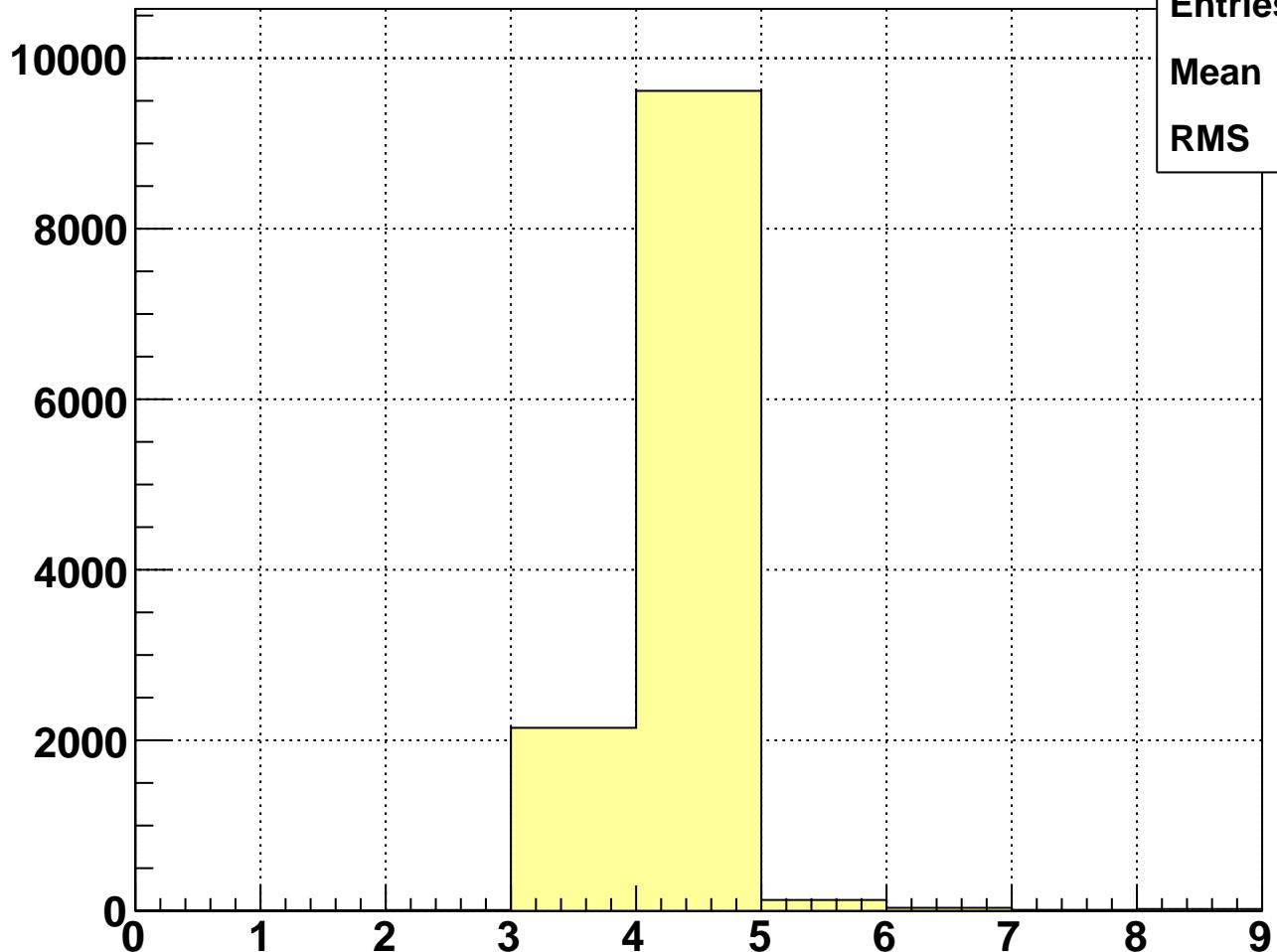
maxTB_ZS_Section_15



Entries 5584
Mean 4.172
RMS 0.5657

FST - Max time bin (ZS), RDO2_ARM1_PORT0_SEC0

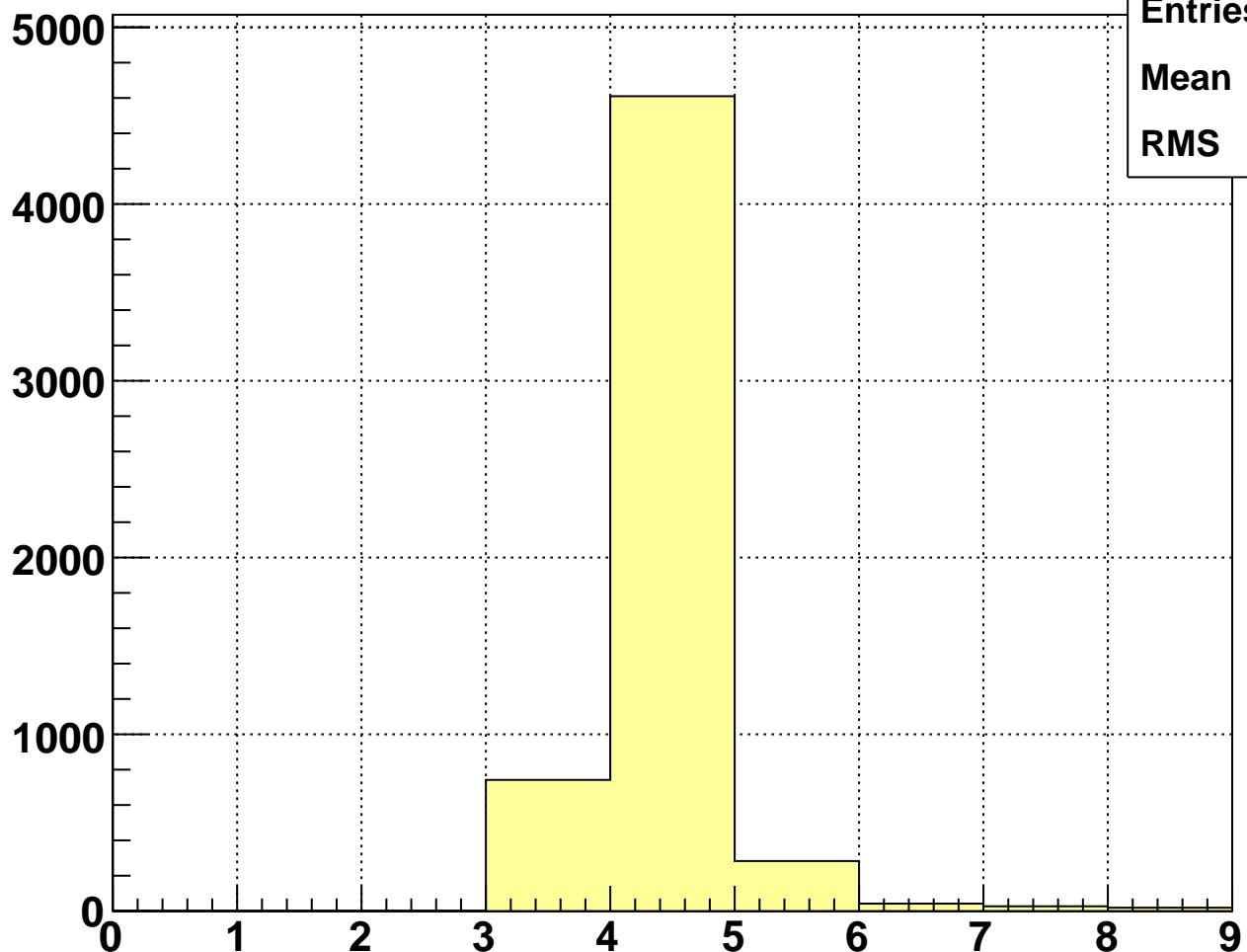
maxTB_ZS_Section_16



Entries 11966
Mean 3.845
RMS 0.466

FST - Max time bin (ZS), RDO2_ARM1_PORT0_SEC1

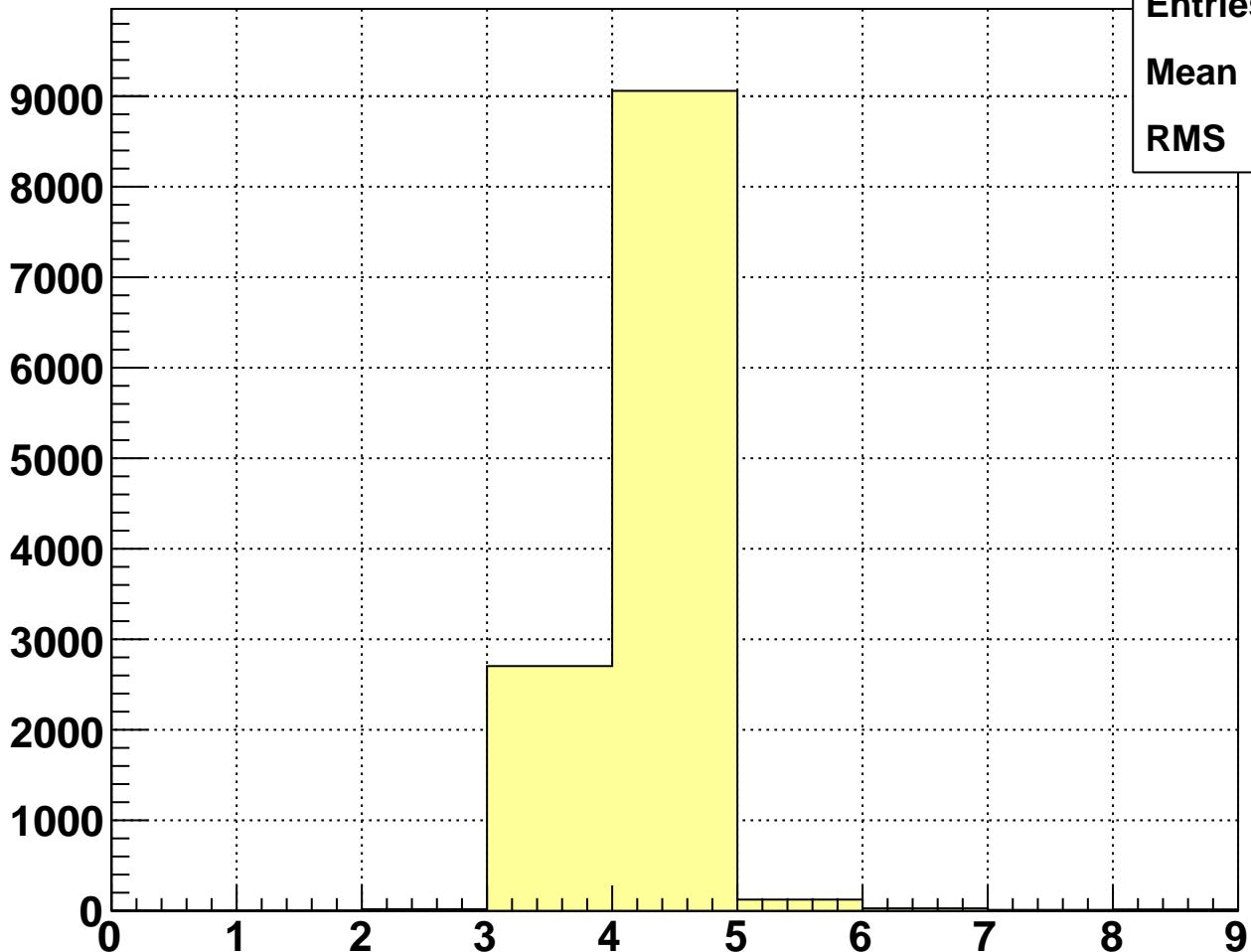
maxTB_ZS_Section_17



Entries 5723
Mean 3.962
RMS 0.5501

FST - Max time bin (ZS), RDO2_ARM1_PORT1_SEC0

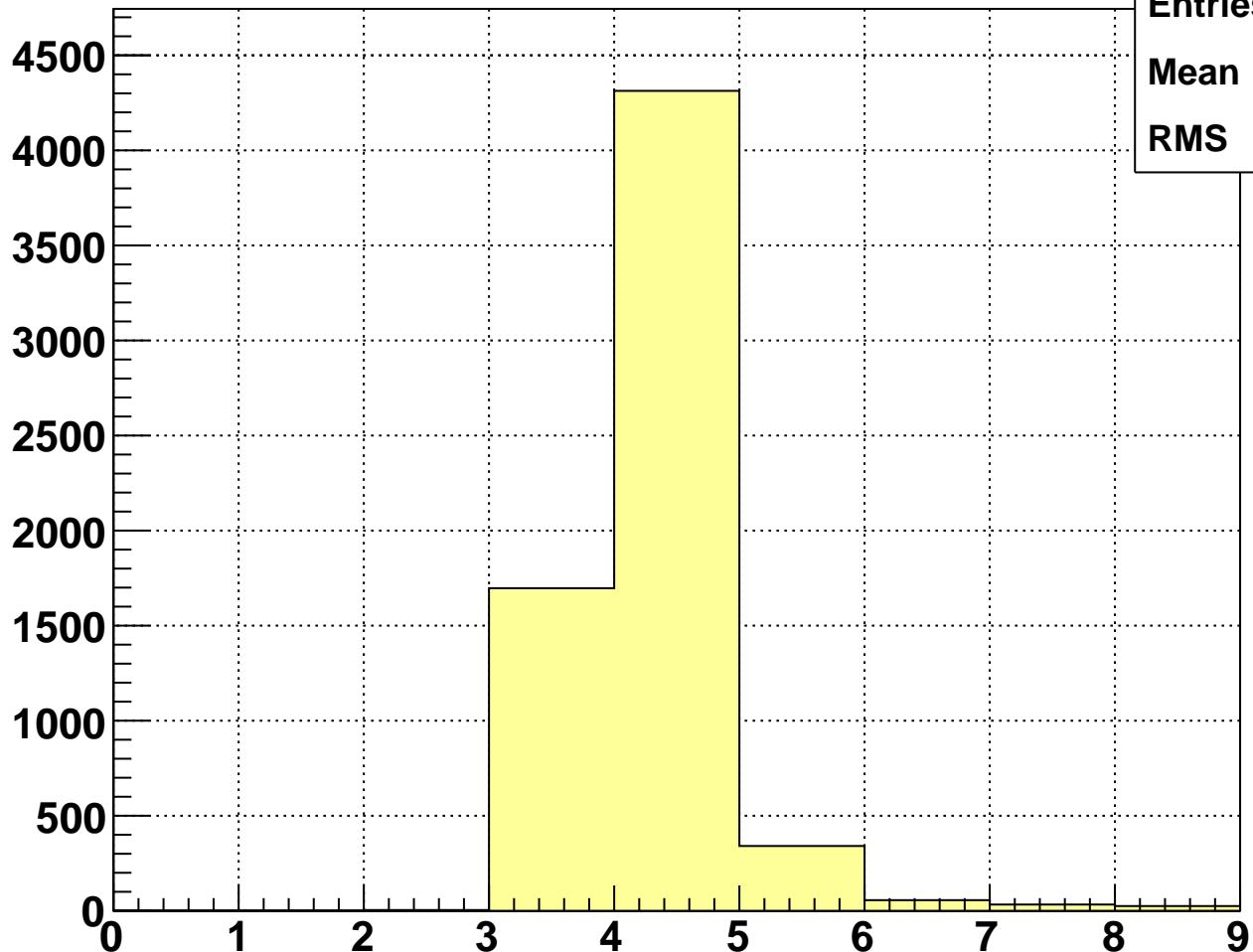
maxTB_ZS_Section_18



Entries 11958
Mean 3.793
RMS 0.4875

FST - Max time bin (ZS), RDO2_ARM1_PORT1_SEC1

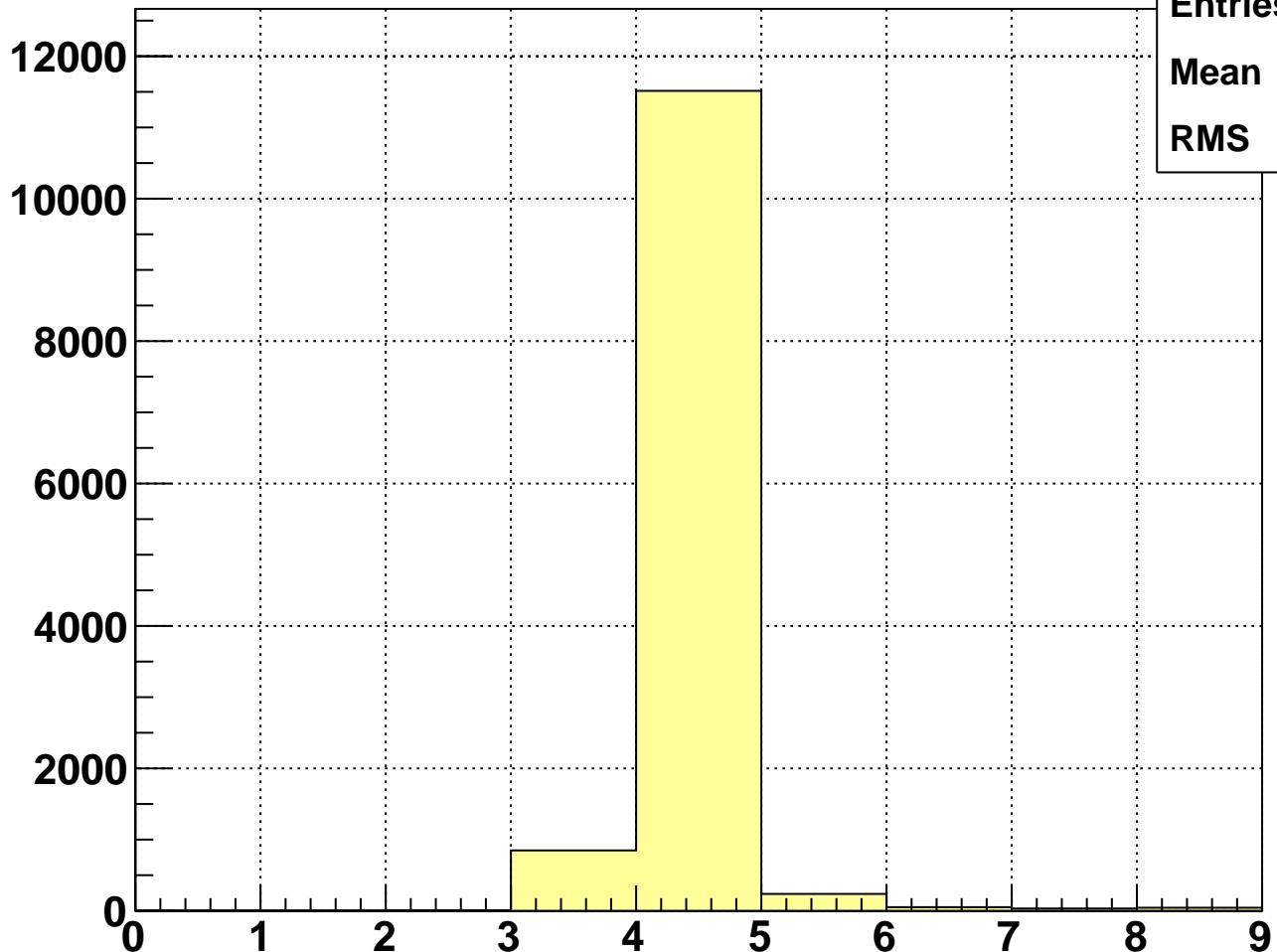
maxTB_ZS_Section_19



Entries 6469
Mean 3.837
RMS 0.6583

FST - Max time bin (ZS), RDO2_ARM2_PORT0_SEC0

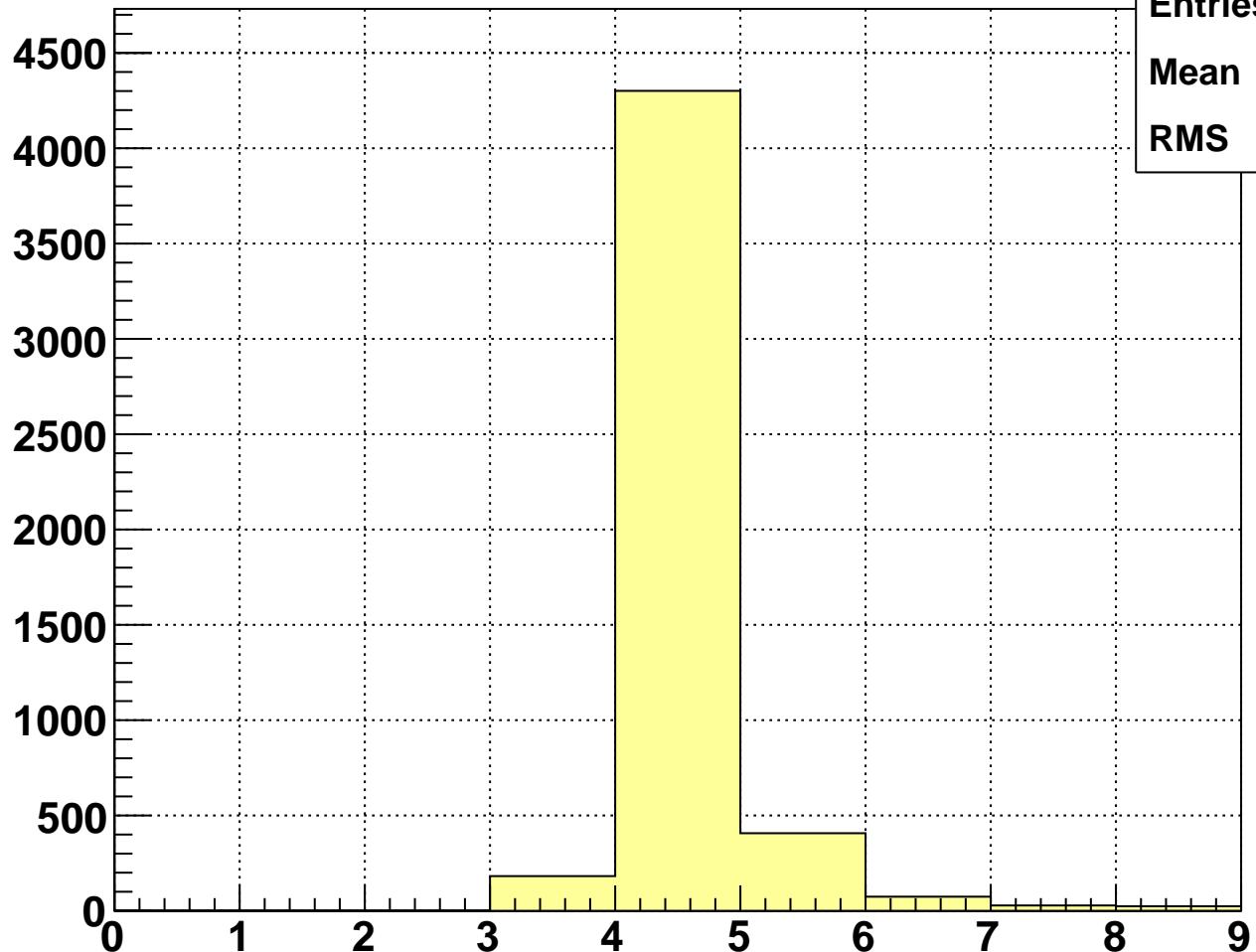
maxTB_ZS_Section_20



Entries 12733
Mean 3.98
RMS 0.4254

FST - Max time bin (ZS), RDO2_ARM2_PORT0_SEC1

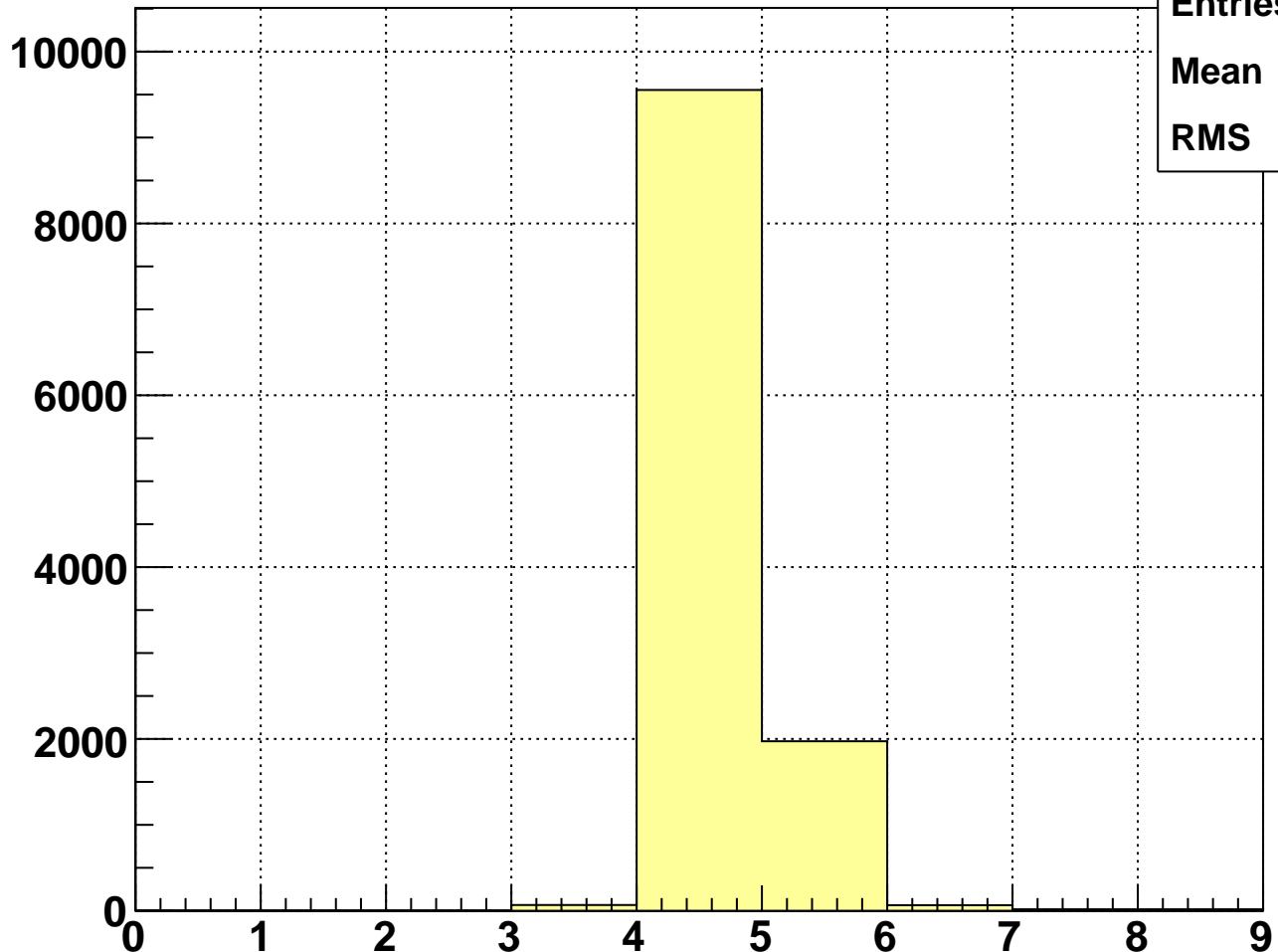
maxTB_ZS_Section_21



Entries 5016
Mean 4.11
RMS 0.5395

FST - Max time bin (ZS), RDO2_ARM2_PORT1_SEC0

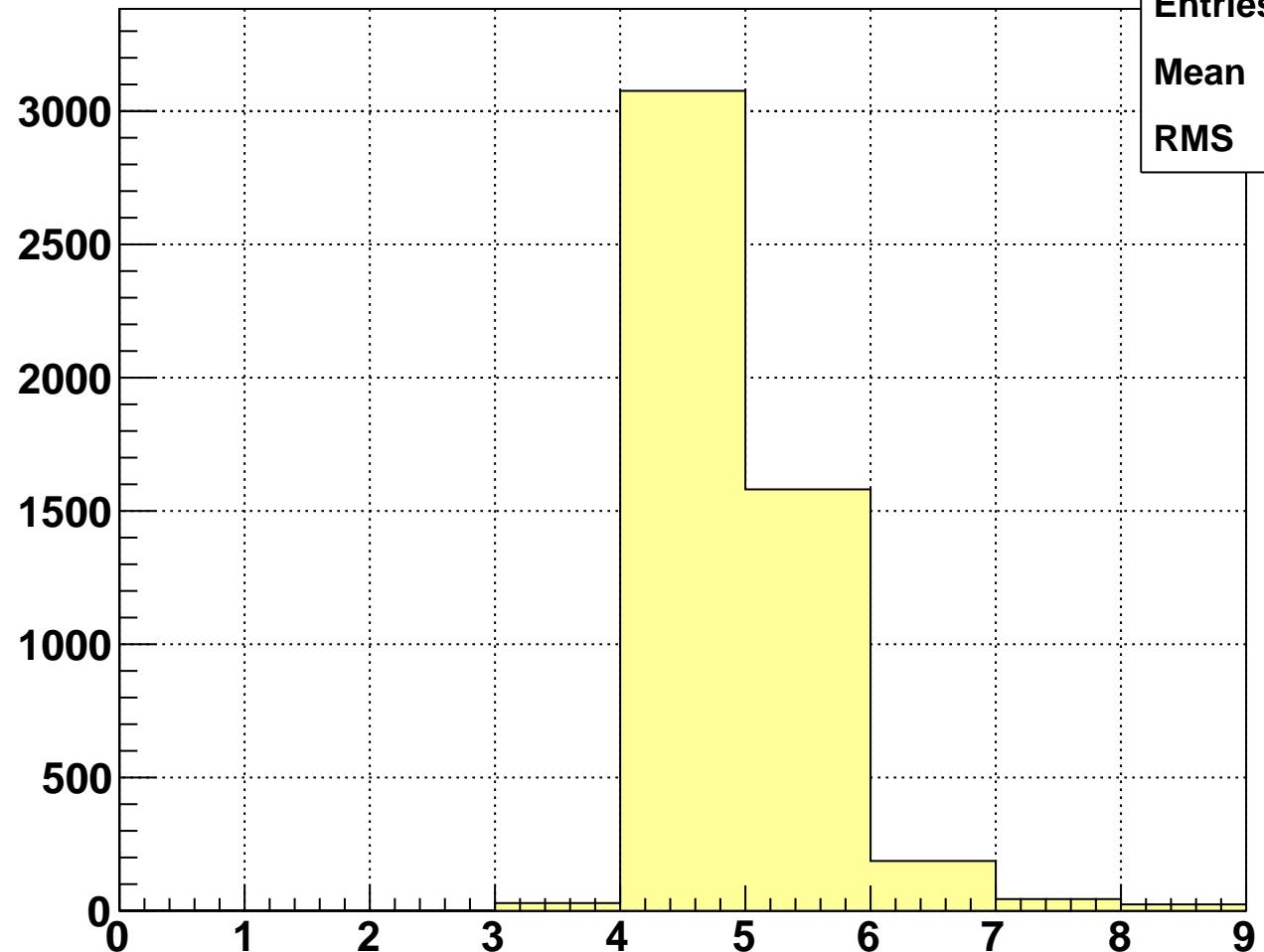
maxTB_ZS_Section_22



Entries 11693
Mean 4.184
RMS 0.4462

FST - Max time bin (ZS), RDO2_ARM2_PORT1_SEC1

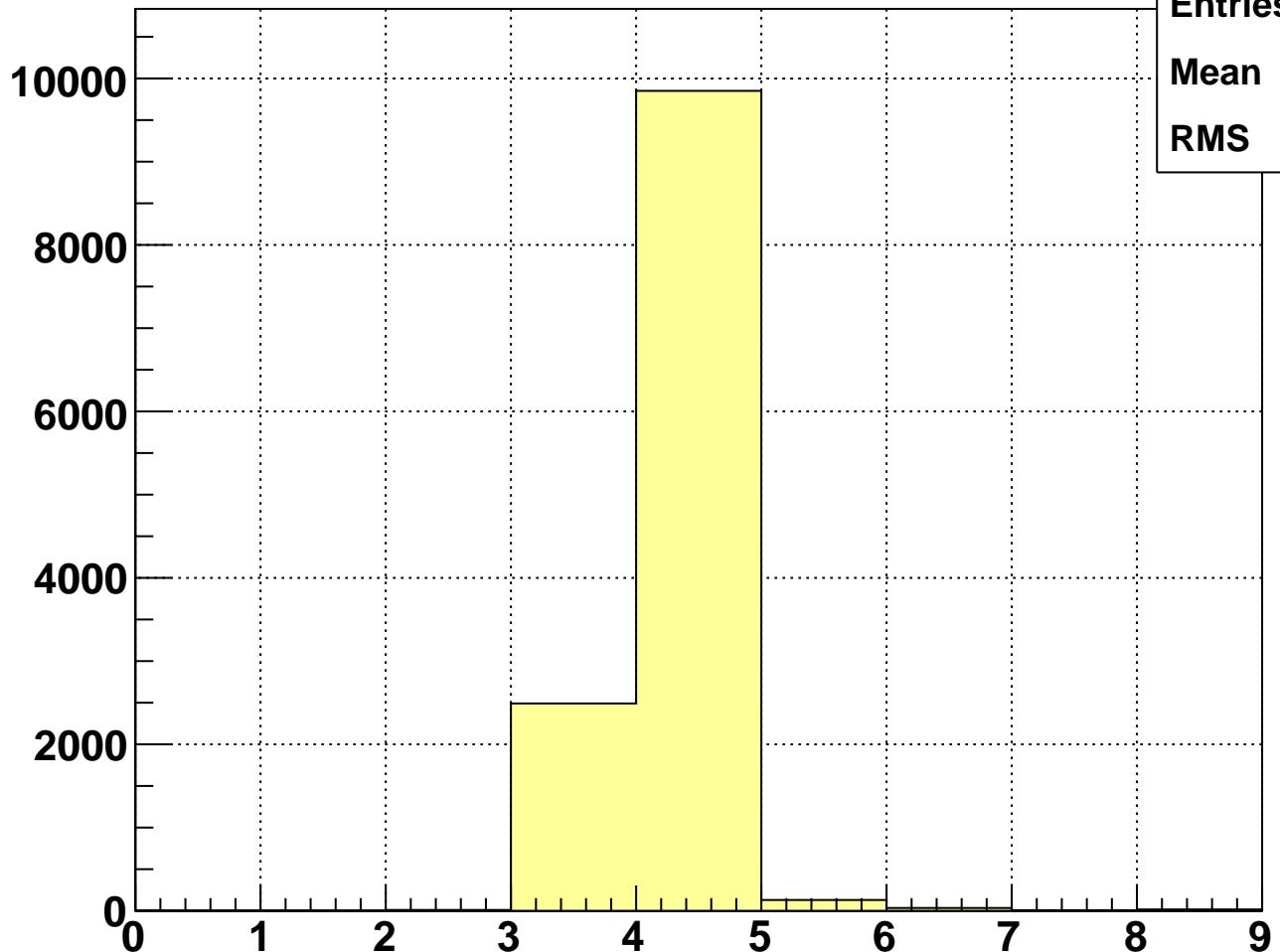
maxTB_ZS_Section_23



Entries	4943
Mean	4.434
RMS	0.6729

FST - Max time bin (ZS), RDO3_ARM0_PORT0_SEC0

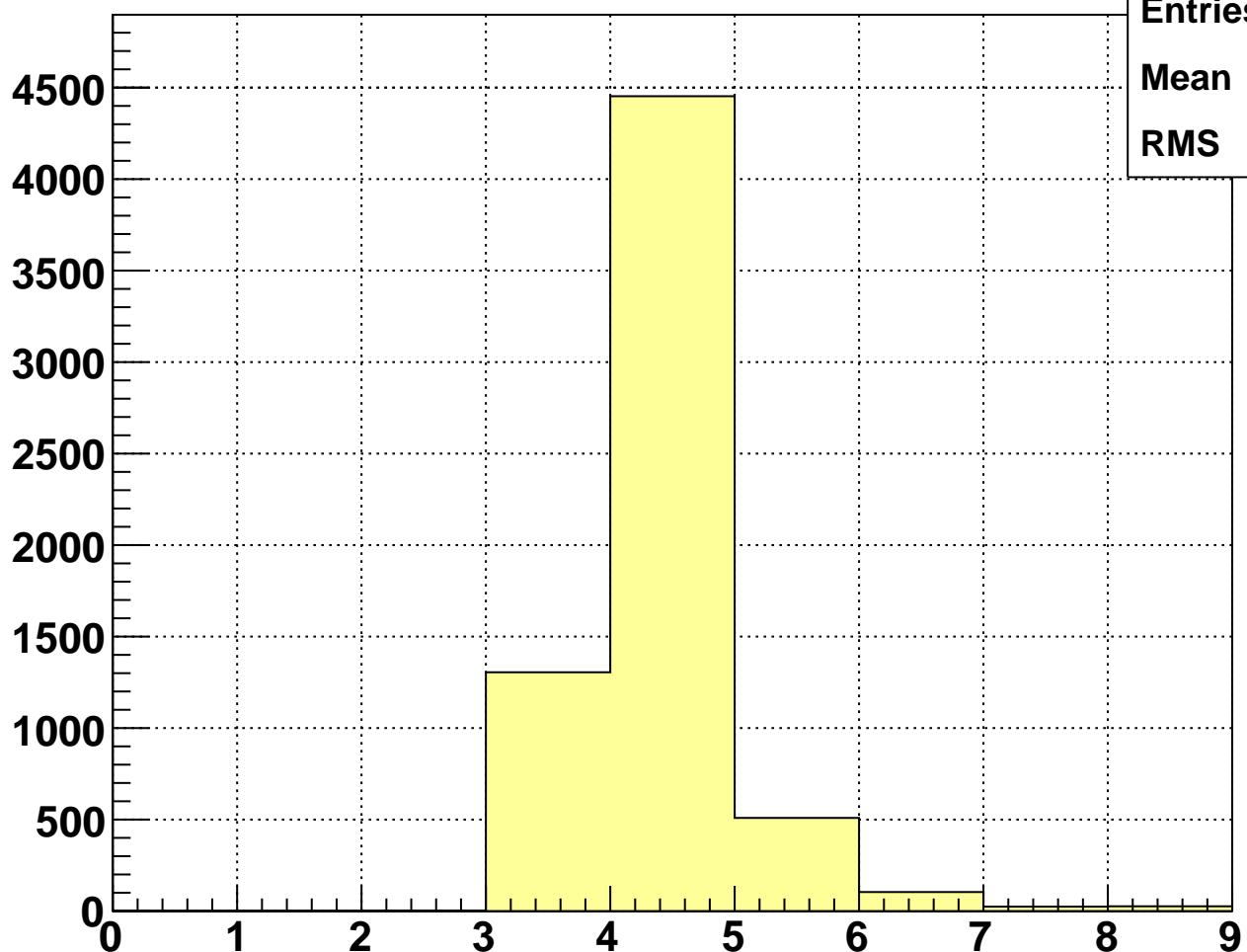
maxTB_ZS_Section_24



Entries 12539
Mean 3.822
RMS 0.4658

FST - Max time bin (ZS), RDO3_ARM0_PORT0_SEC1

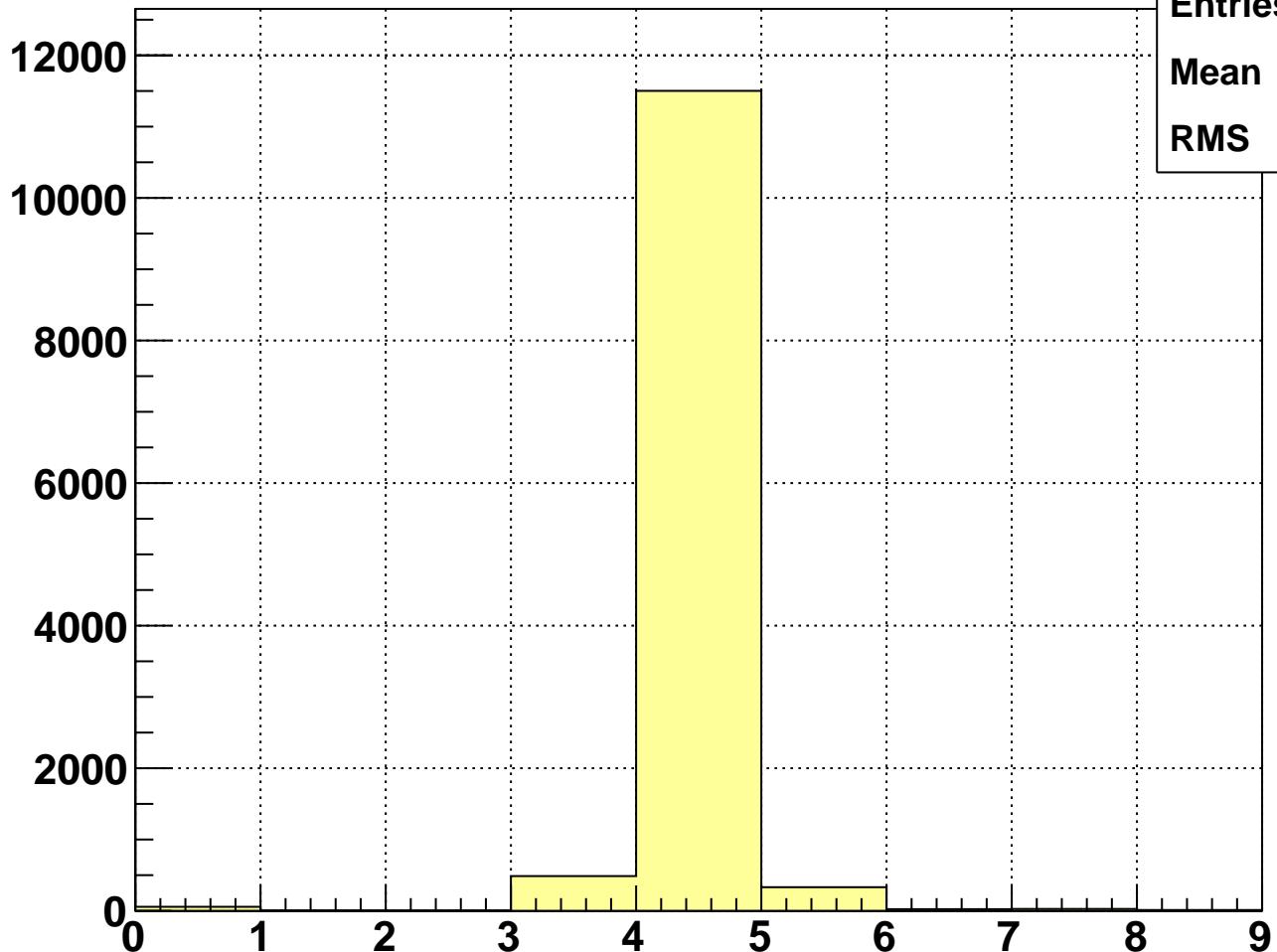
maxTB_ZS_Section_25



Entries	6423
Mean	3.935
RMS	0.6653

FST - Max time bin (ZS), RDO3_ARM0_PORT1_SEC0

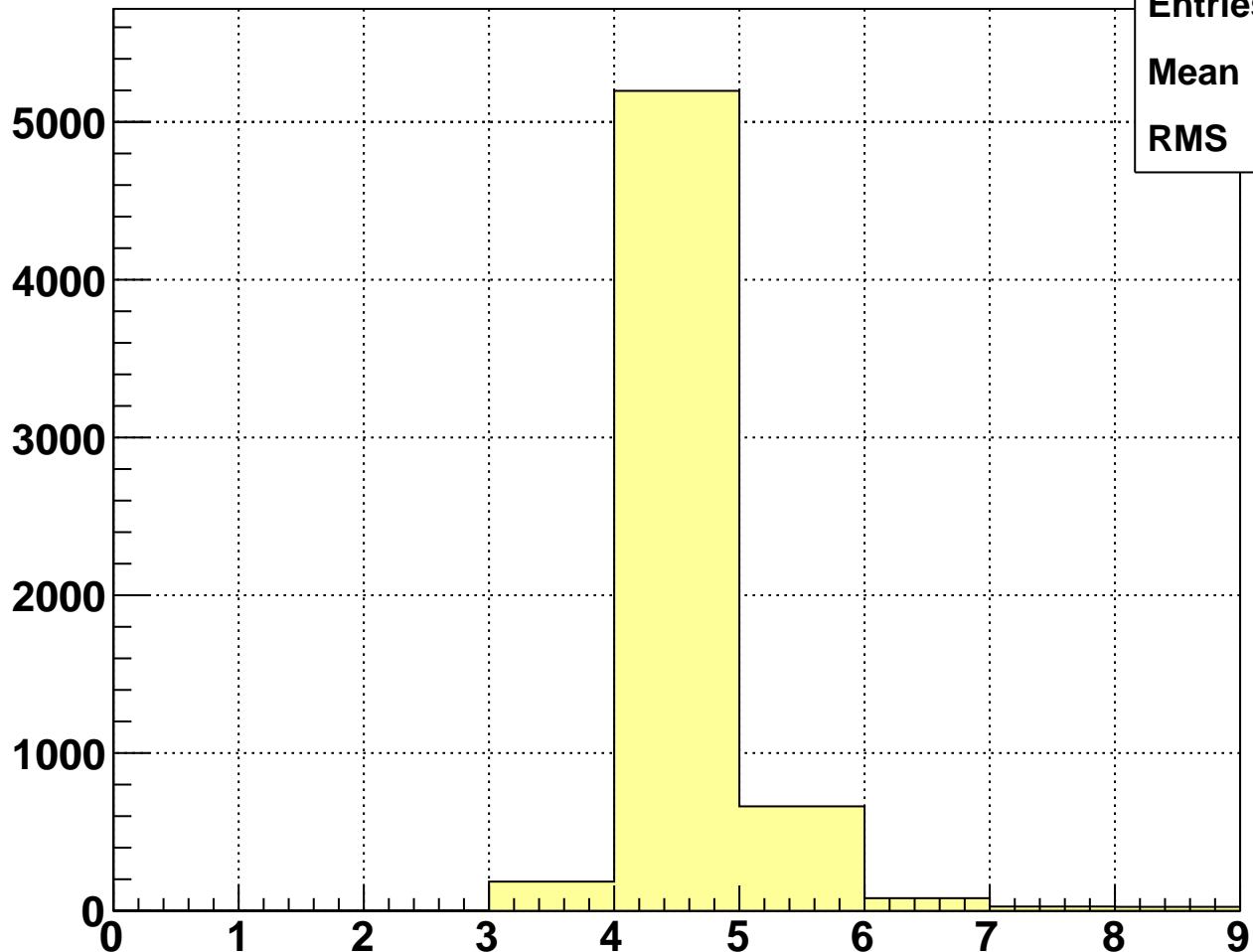
maxTB_ZS_Section_26



Entries 12437
Mean 3.983
RMS 0.4226

FST - Max time bin (ZS), RDO3_ARM0_PORT1_SEC1

maxTB_ZS_Section_27

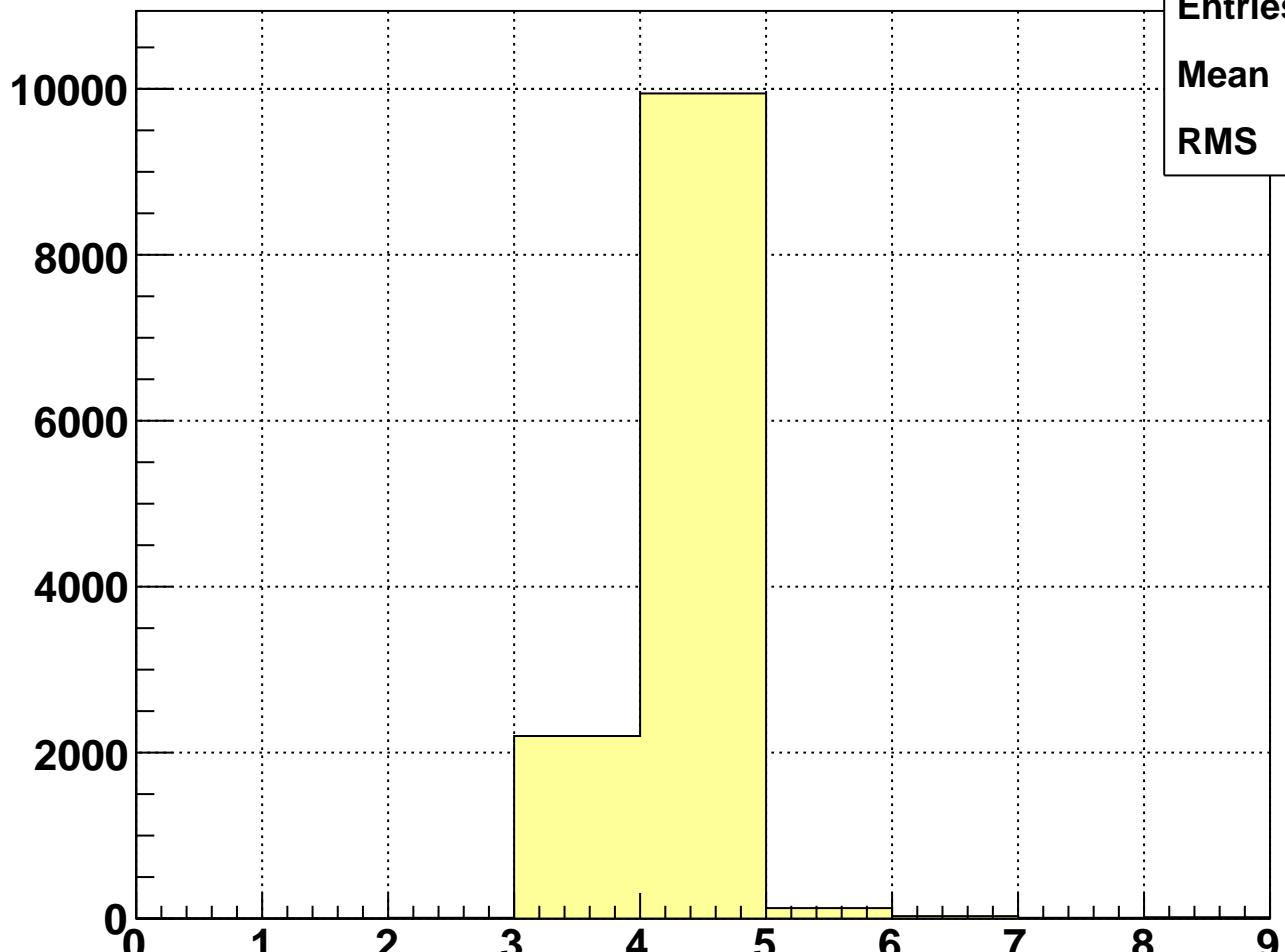


Entries 6176
Mean 4.132
RMS 0.5249

FST - Max time bin (ZS), RDO3_ARM1_PORT0_SEC0

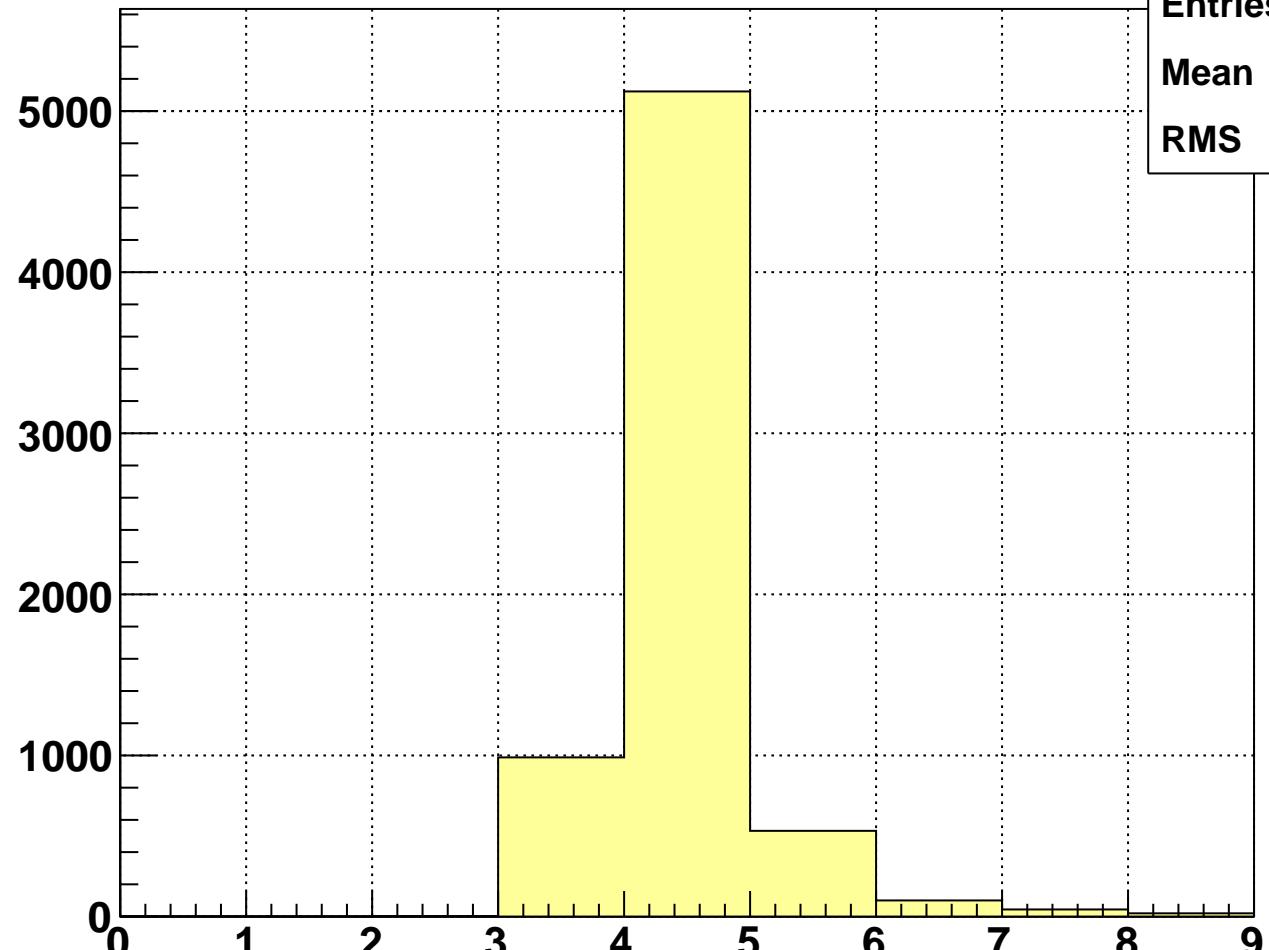
maxTB_ZS_Section_28

Entries	12334
Mean	3.842
RMS	0.451



FST - Max time bin (ZS), RDO3_ARM1_PORT0_SEC1

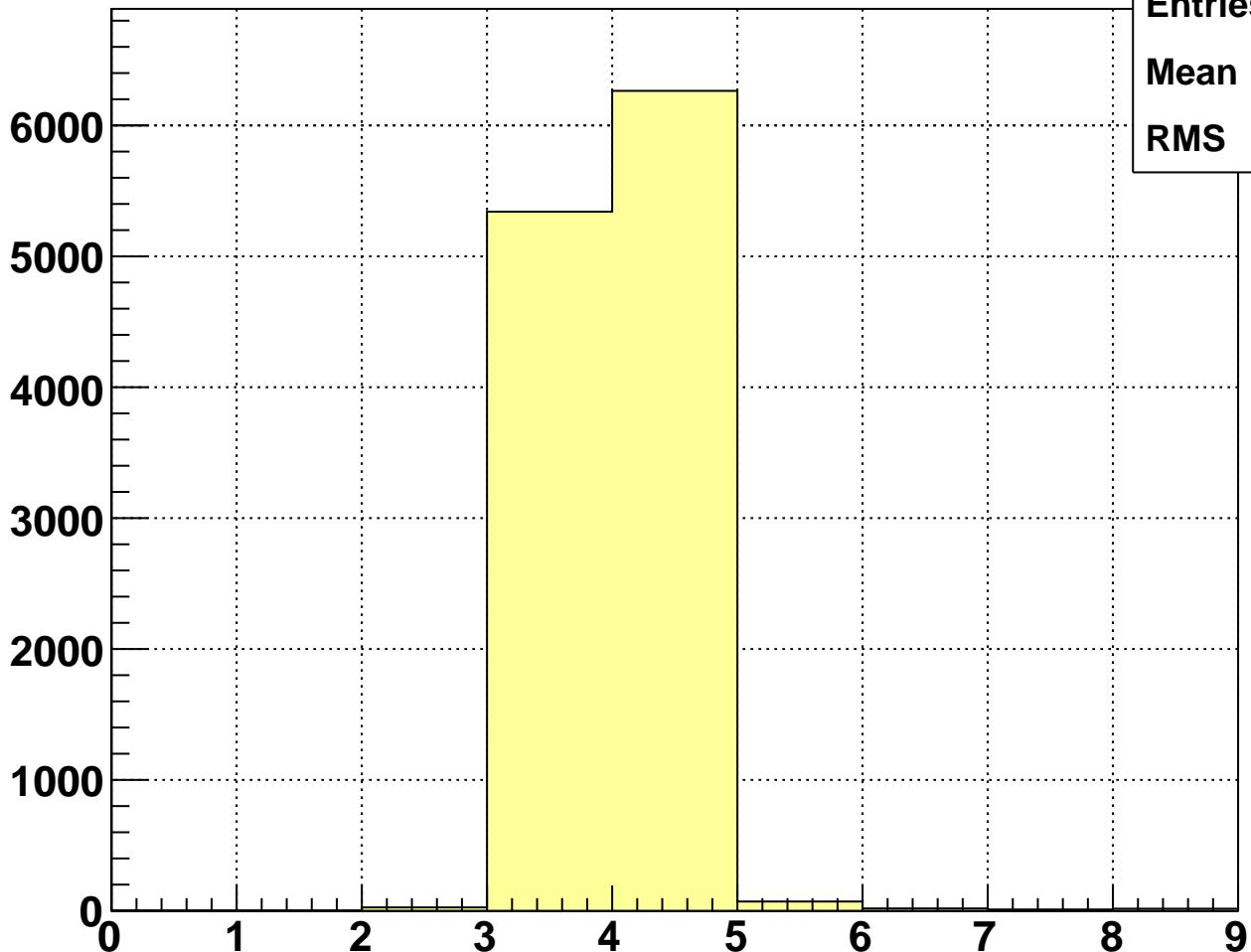
maxTB_ZS_Section_29



Entries	6809
Mean	3.992
RMS	0.625

FST - Max time bin (ZS), RDO3_ARM1_PORT1_SEC0

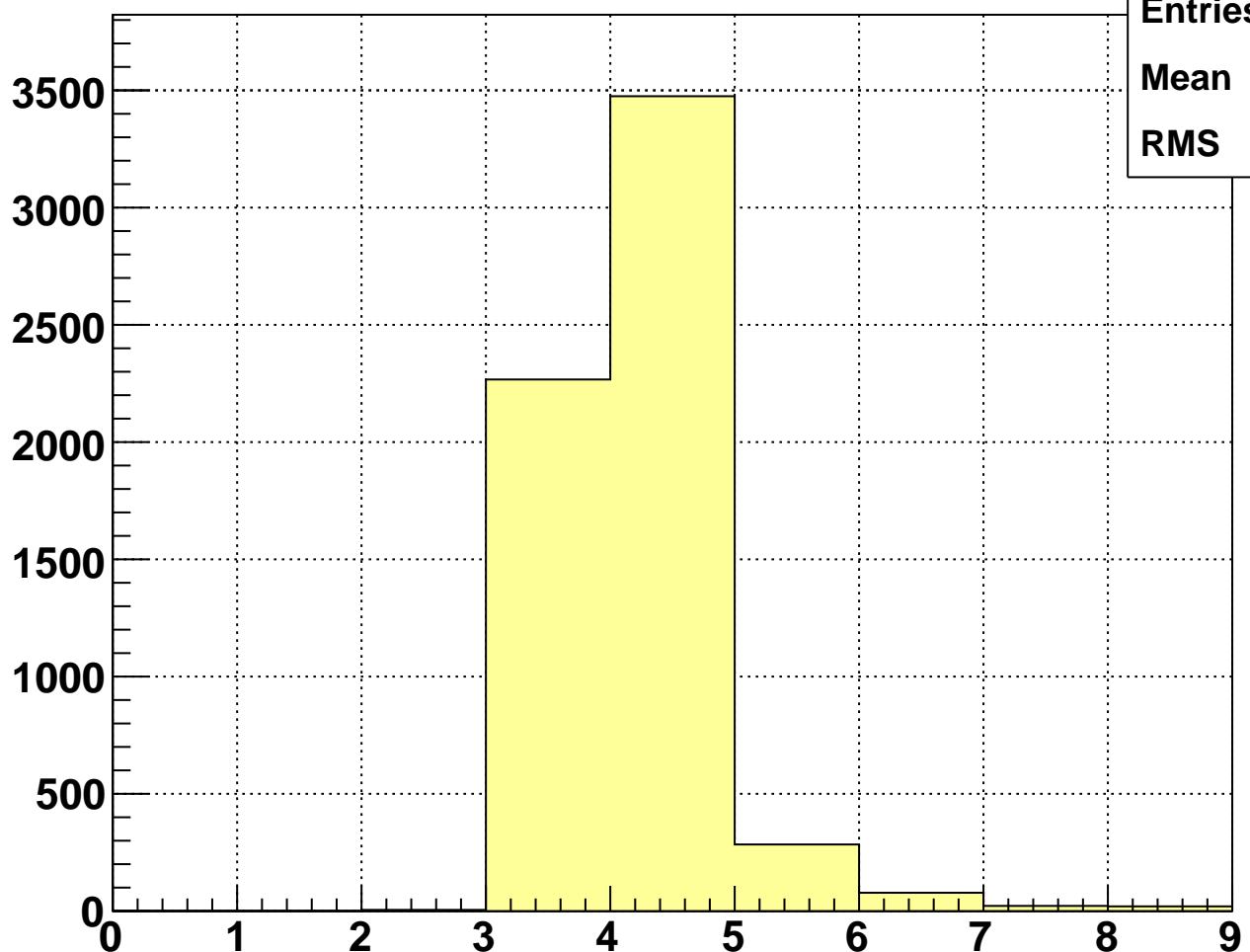
maxTB_ZS_Section_30



Entries 11746
Mean 3.558
RMS 0.5566

FST - Max time bin (ZS), RDO3_ARM1_PORT1_SEC1

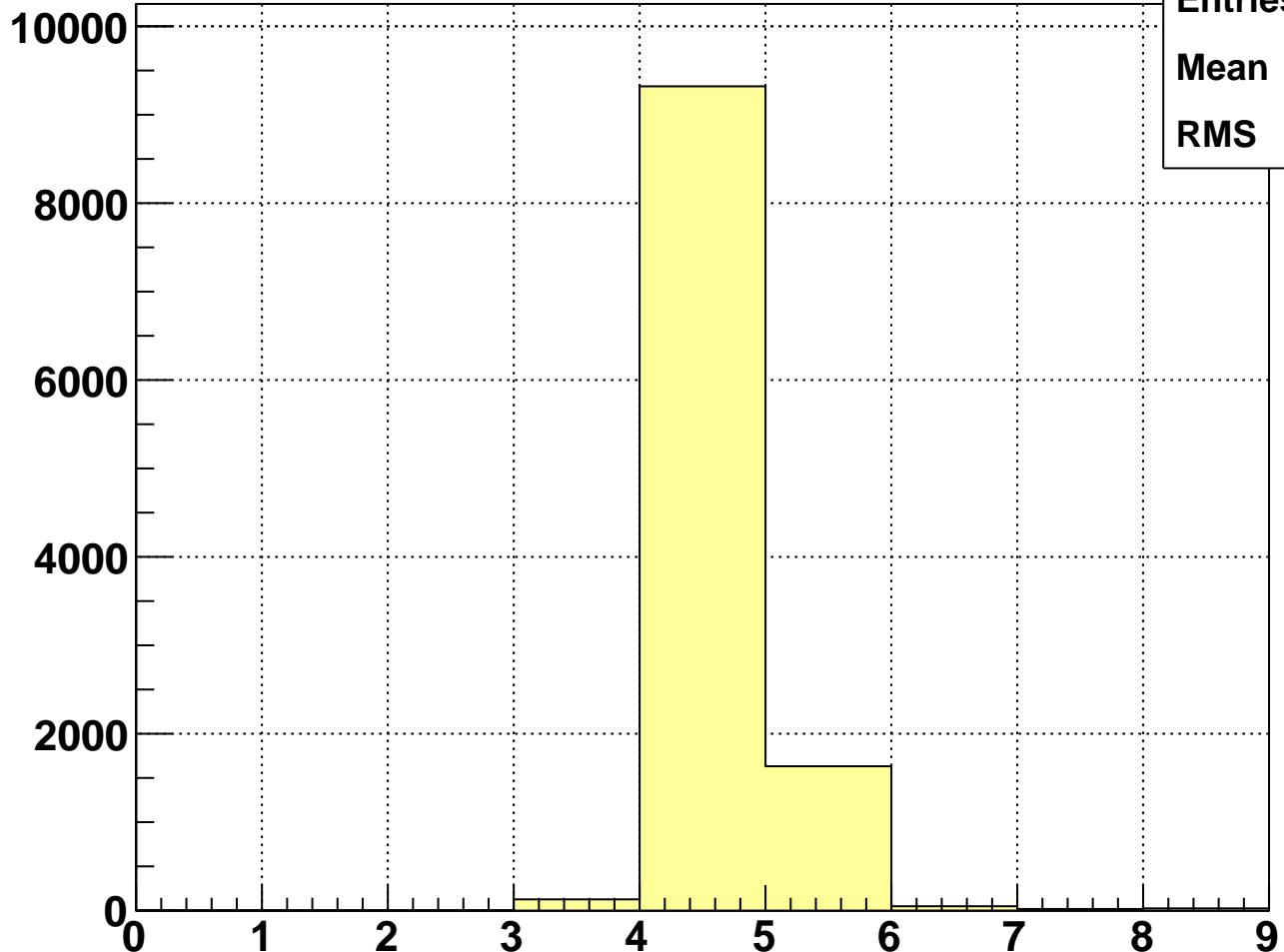
maxTB_ZS_Section_31



Entries 6151
Mean 3.725
RMS 0.6909

FST - Max time bin (ZS), RDO3_ARM2_PORT0_SEC0

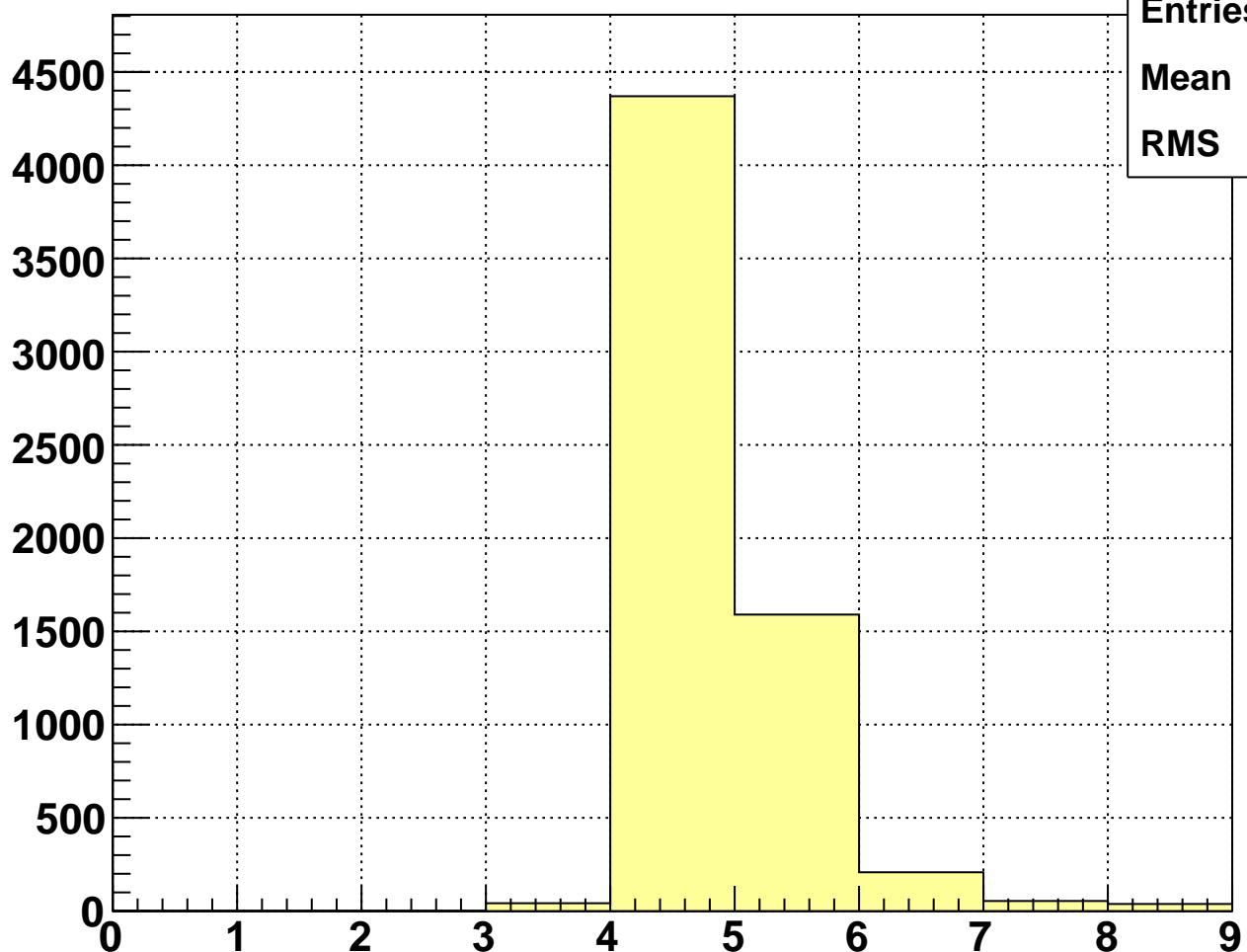
maxTB_ZS_Section_32



Entries 11173
Mean 4.157
RMS 0.4495

FST - Max time bin (ZS), RDO3_ARM2_PORT0_SEC1

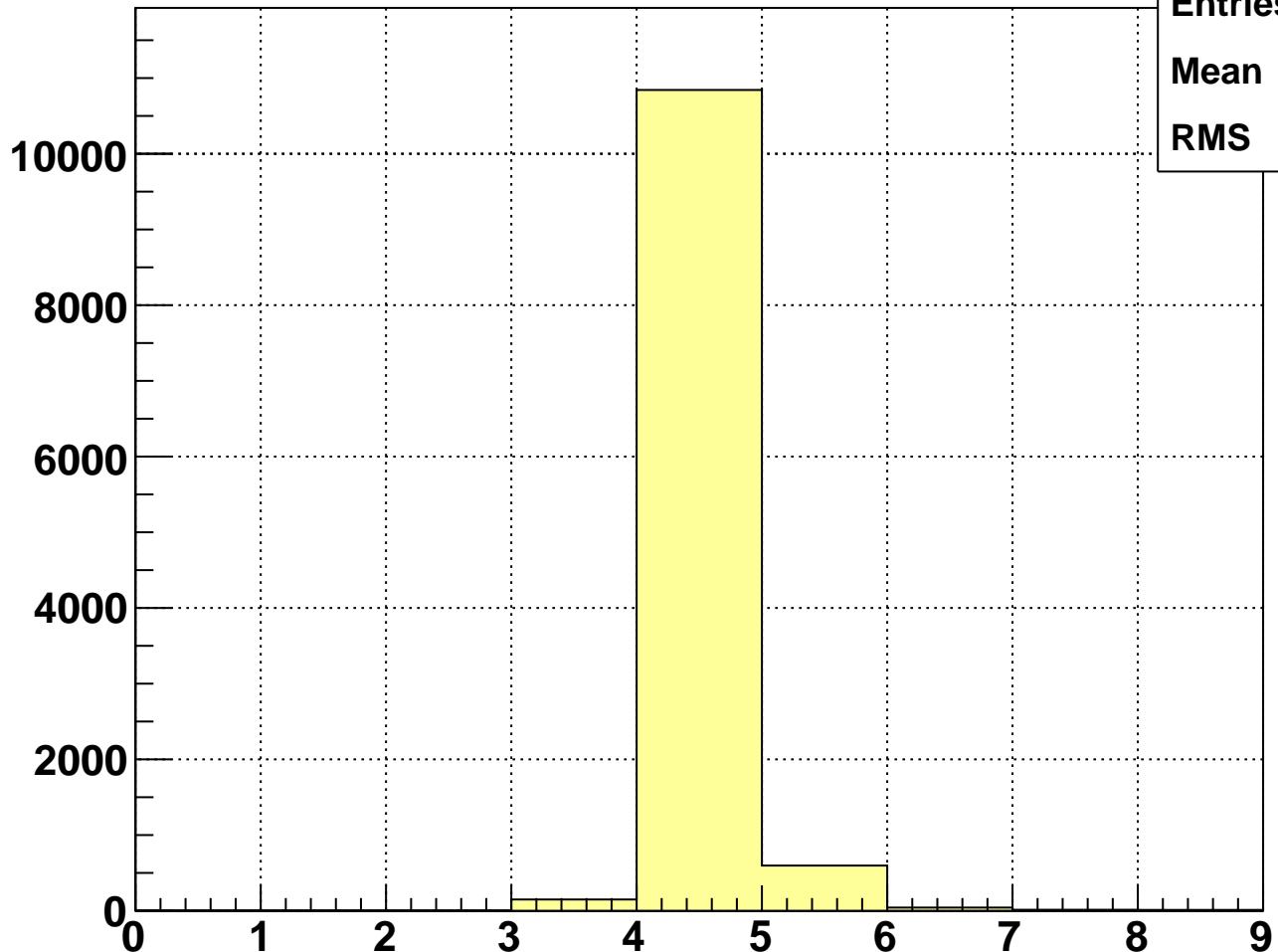
maxTB_ZS_Section_33



Entries 6302
Mean 4.361
RMS 0.6587

FST - Max time bin (ZS), RDO3_ARM2_PORT1_SEC0

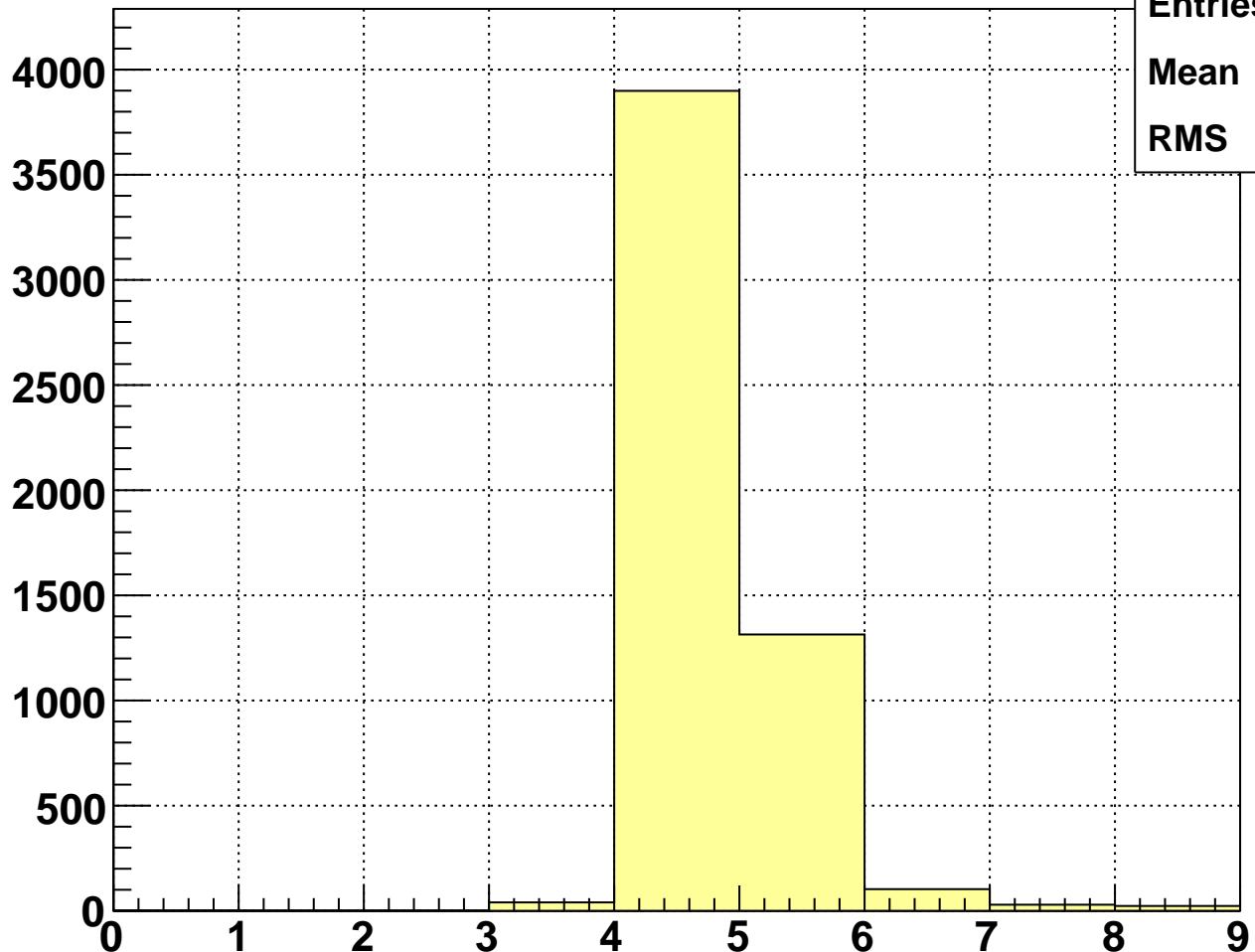
maxTB_ZS_Section_34



Entries 11655
Mean 4.053
RMS 0.3175

FST - Max time bin (ZS), RDO3_ARM2_PORT1_SEC1

maxTB_ZS_Section_35

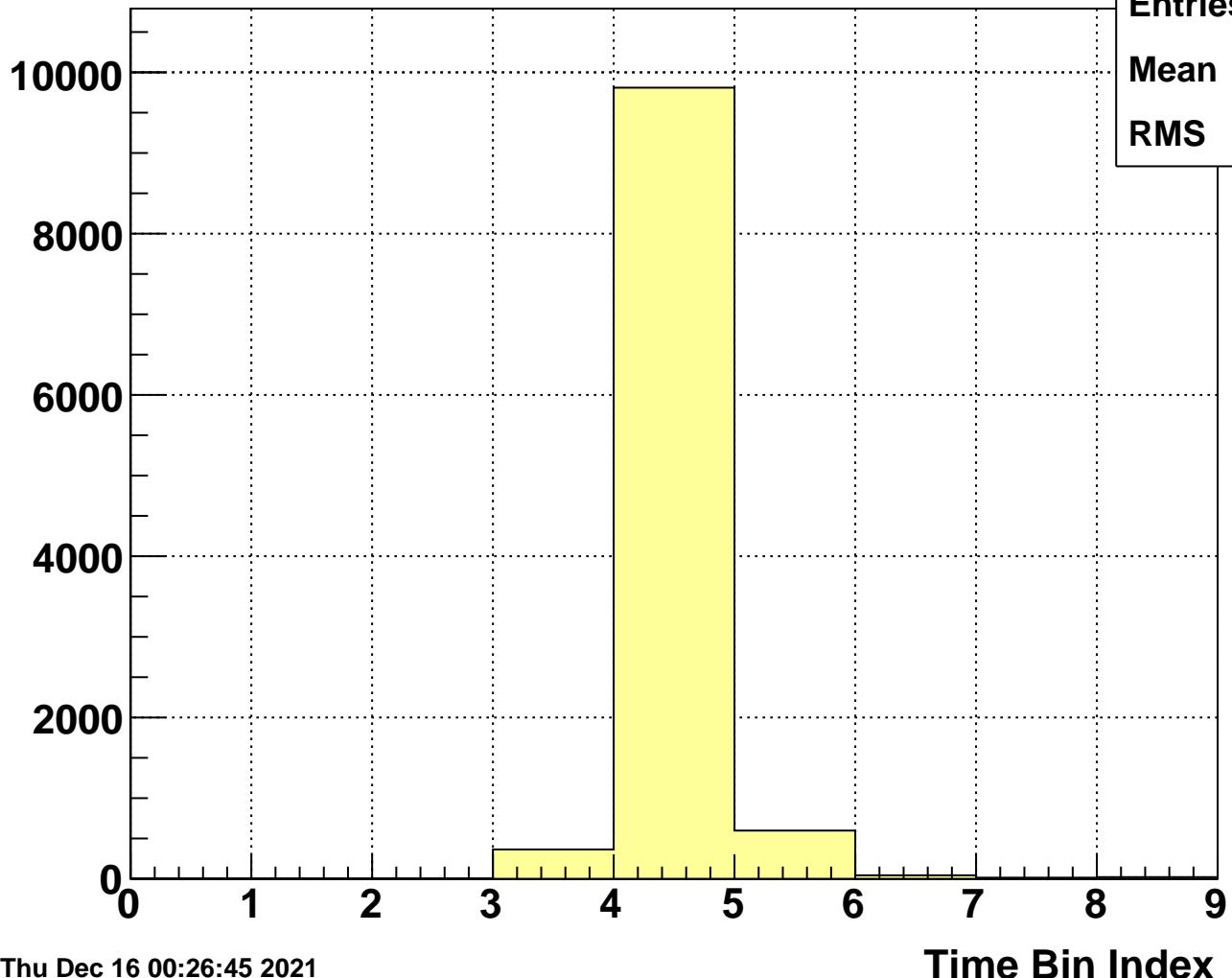


Entries	5409
Mean	4.306
RMS	0.5934

FST - Max time bin (ZS), RDO4_ARM0_PORT0_SECO

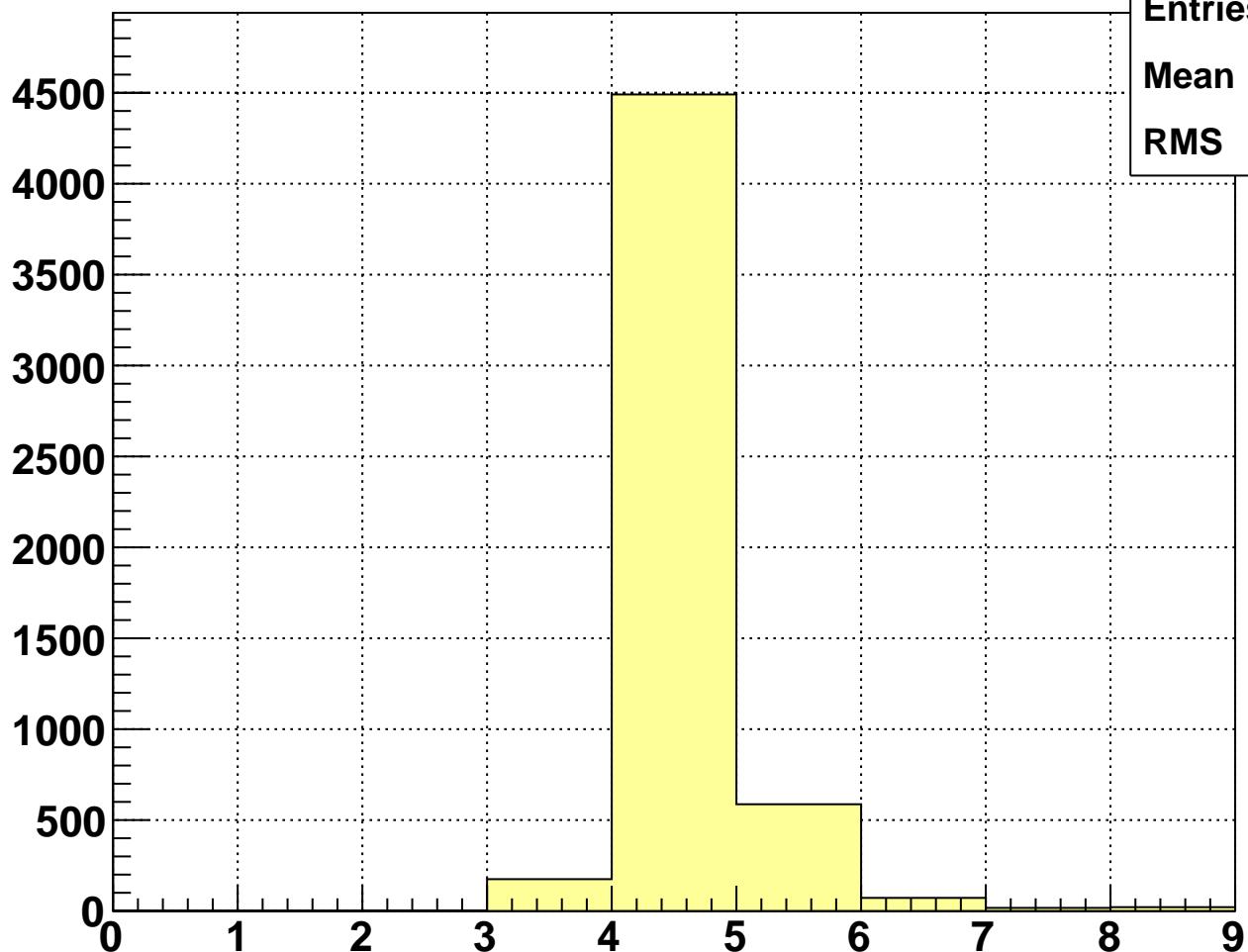
maxTB_ZS_Section_36

Entries	10852
Mean	4.041
RMS	0.3838



FST - Max time bin (ZS), RDO4_ARM0_PORT0_SEC1

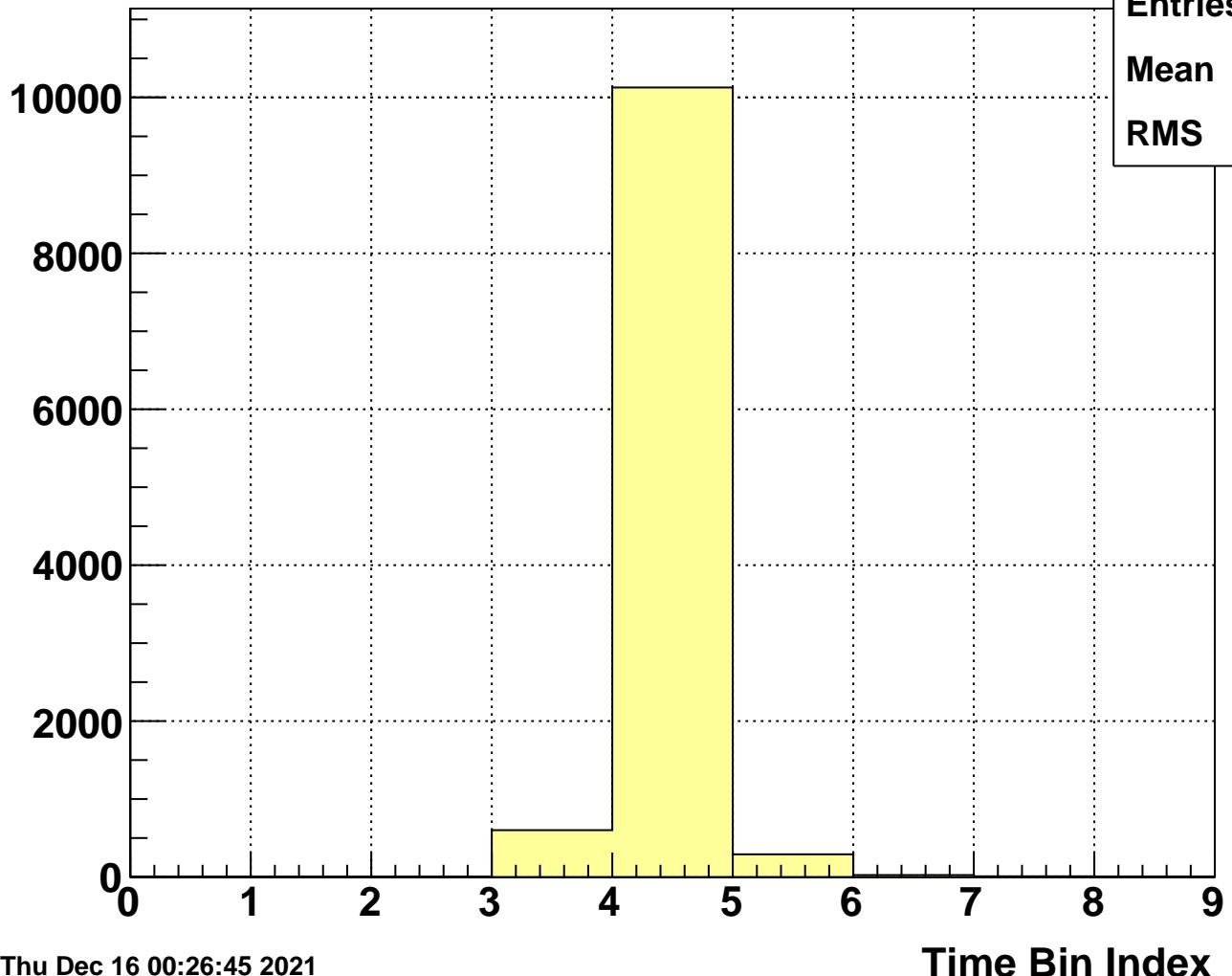
maxTB_ZS_Section_37	
Entries	5365
Mean	4.128
RMS	0.5215



FST - Max time bin (ZS), RDO4_ARM0_PORT1_SEC0

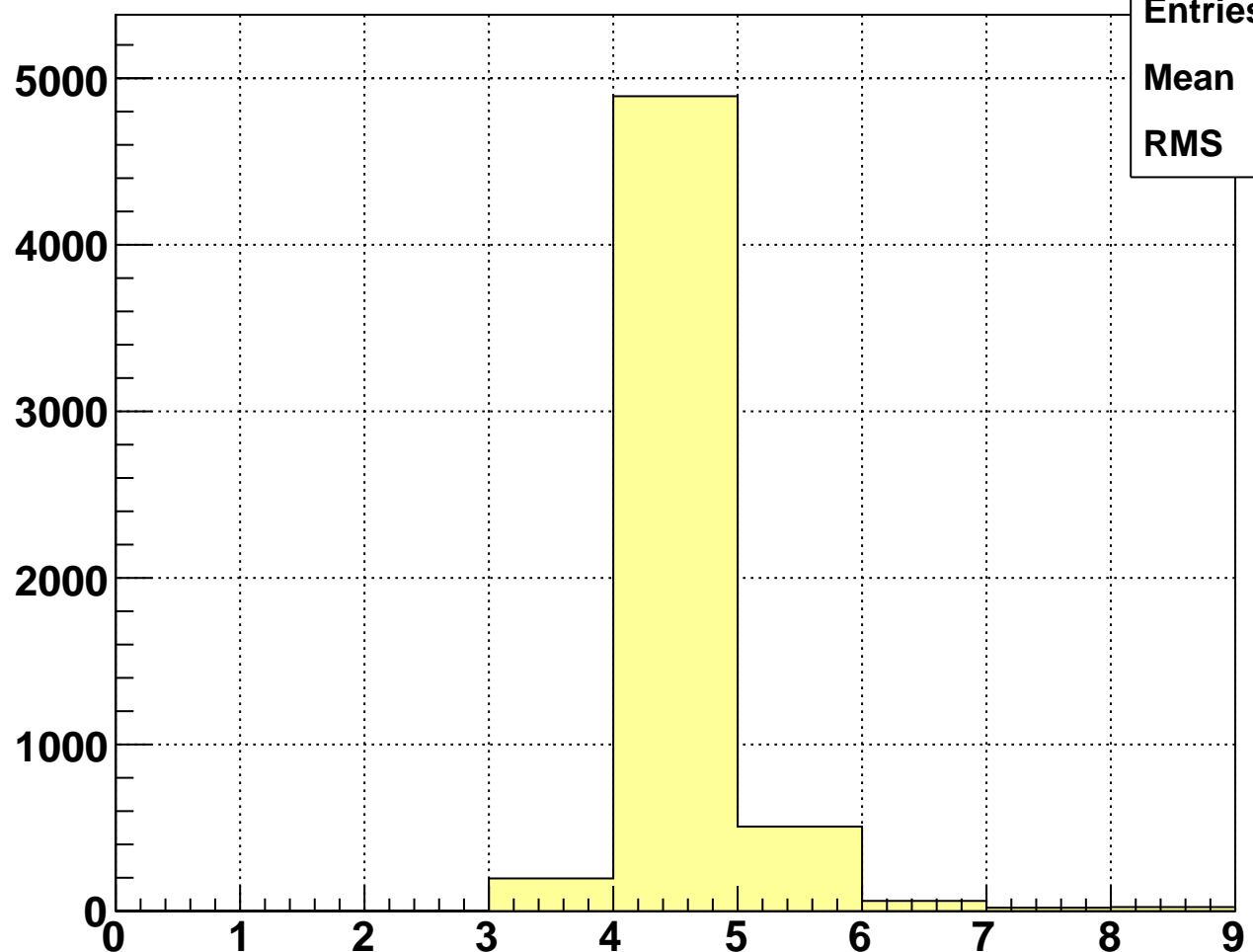
maxTB_ZS_Section_38

Entries	11061
Mean	3.981
RMS	0.3273



FST - Max time bin (ZS), RDO4_ARM0_PORT1_SEC1

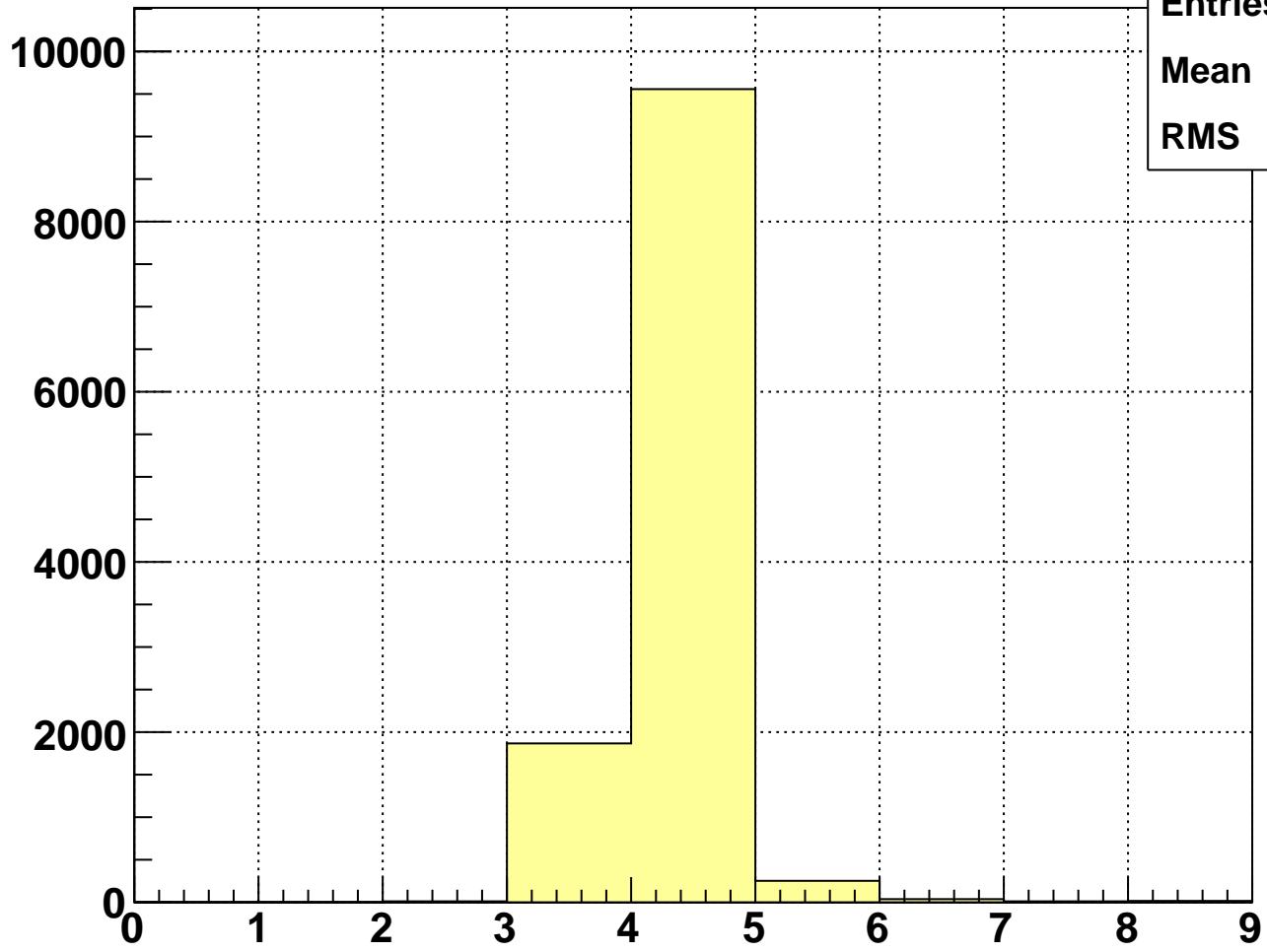
maxTB_ZS_Section_39



Entries 5700
Mean 4.103
RMS 0.5044

FST - Max time bin (ZS), RDO4_ARM1_PORT0_SEC0

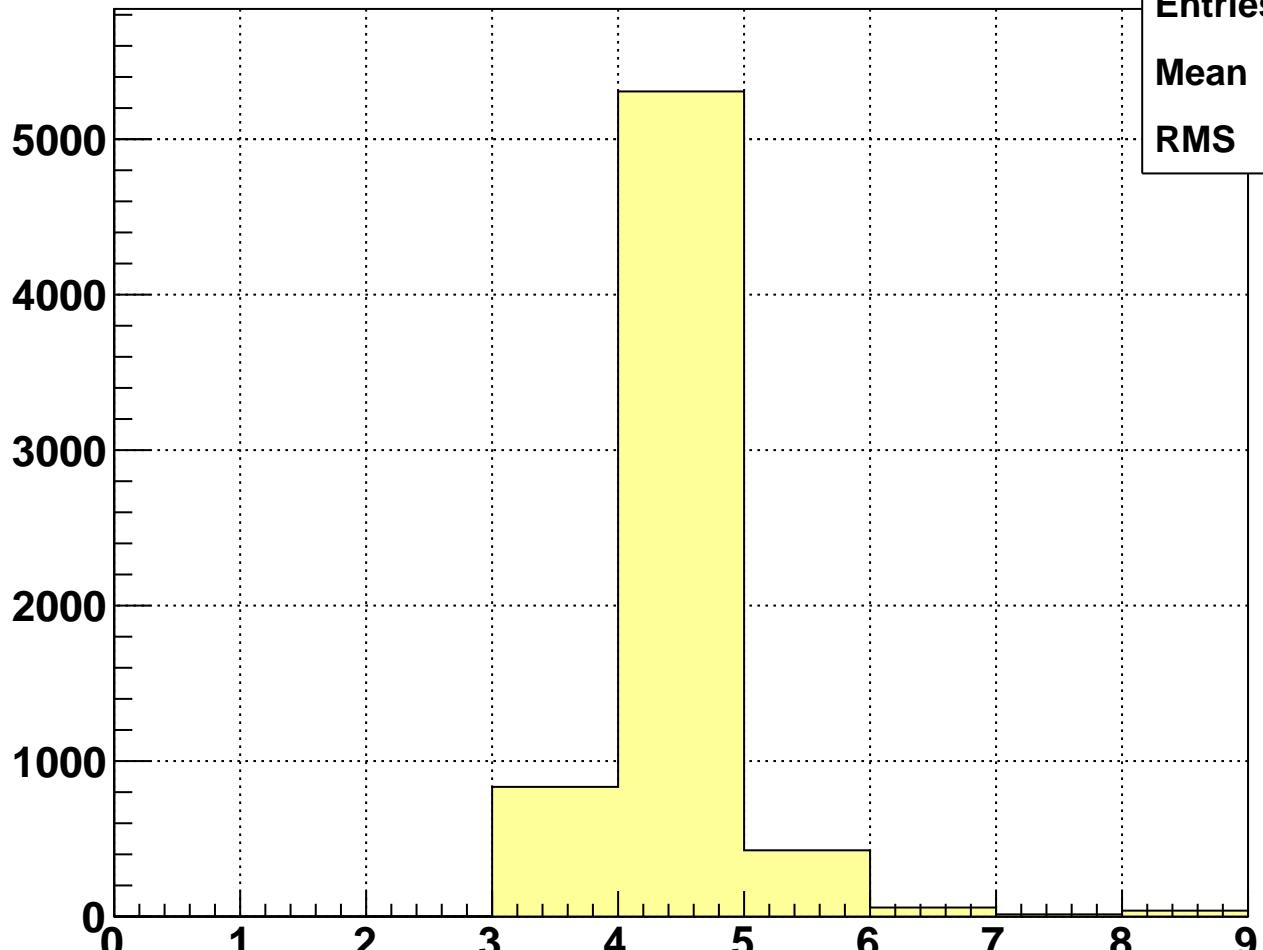
maxTB_ZS_Section_40



Entries 11751
Mean 3.875
RMS 0.4597

FST - Max time bin (ZS), RDO4_ARM1_PORT0_SEC1

maxTB_ZS_Section_41

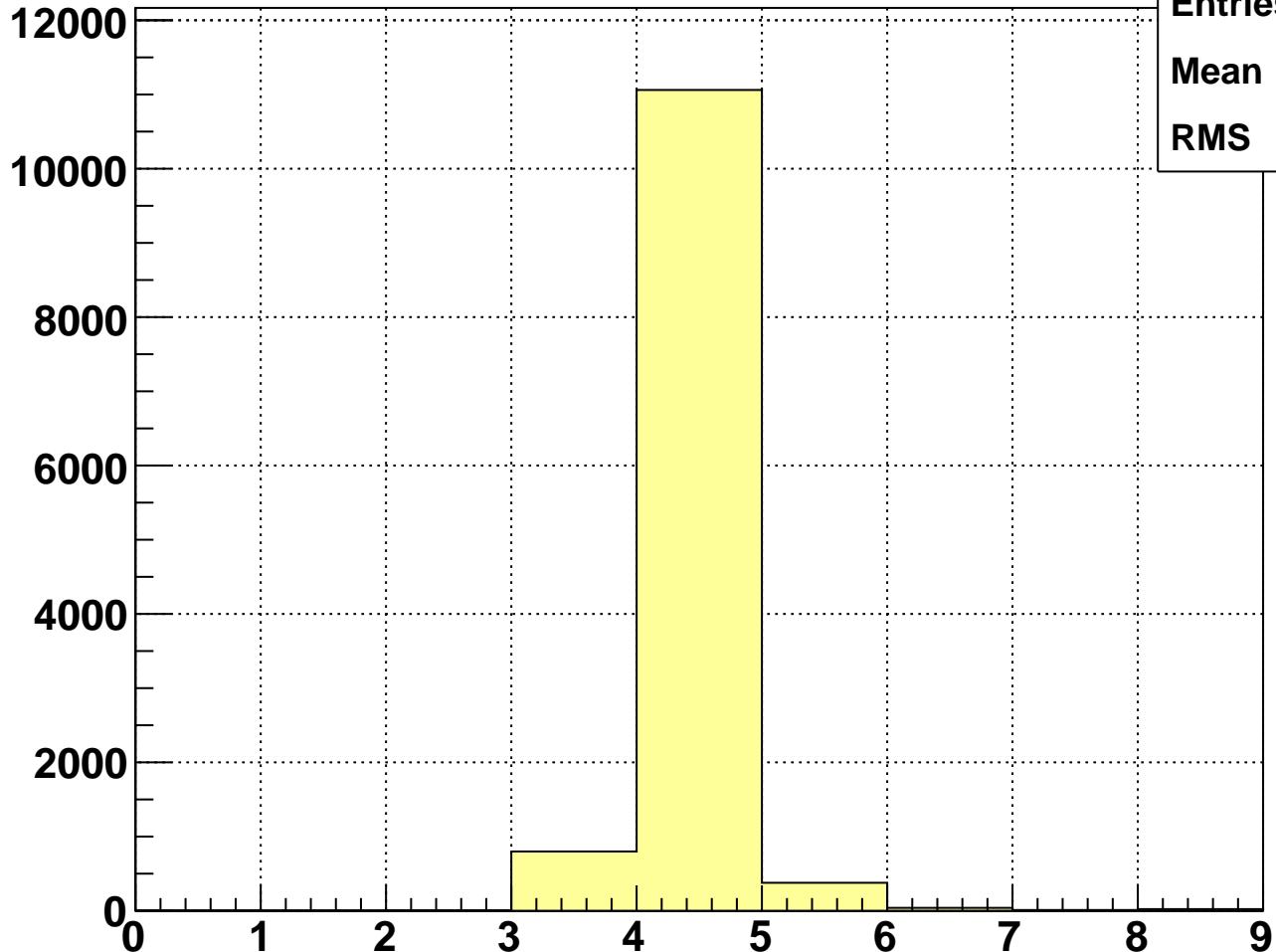


Entries	6678
Mean	3.985
RMS	0.5777

FST - Max time bin (ZS), RDO4_ARM1_PORT1_SEC0

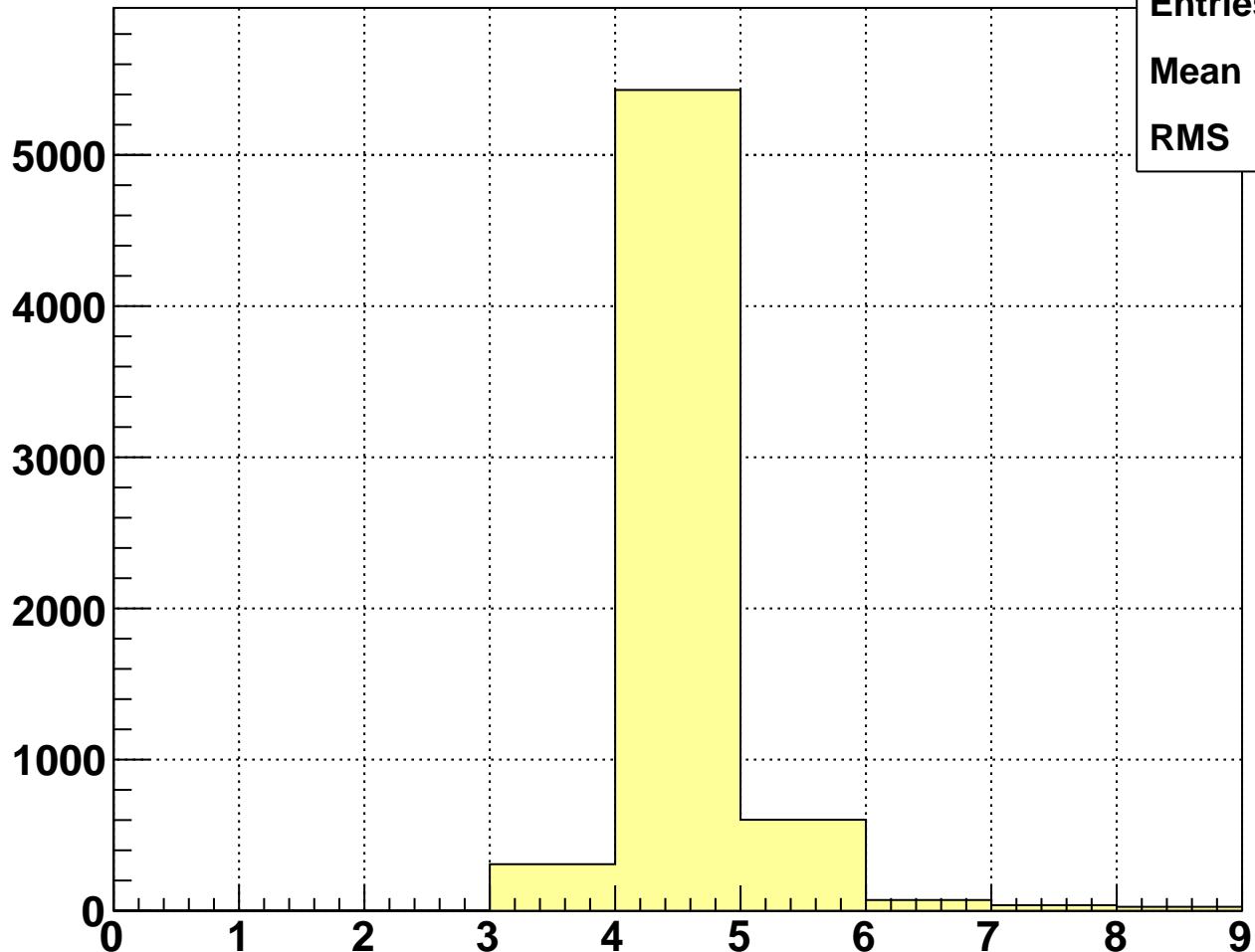
maxTB_ZS_Section_42

Entries 12312
Mean 3.981
RMS 0.3821



FST - Max time bin (ZS), RDO4_ARM1_PORT1_SEC1

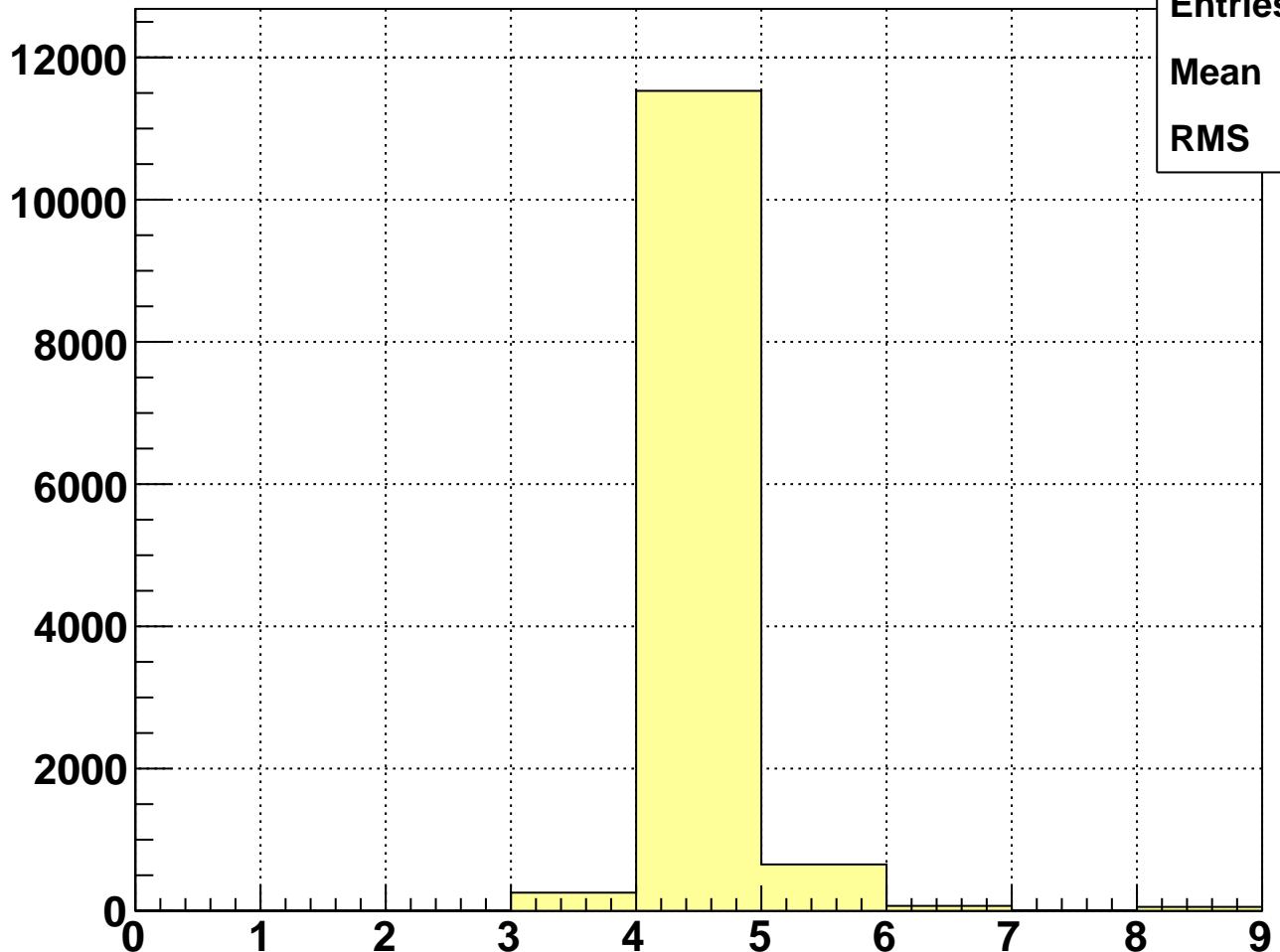
maxTB_ZS_Section_43



Entries 6474
Mean 4.101
RMS 0.5385

FST - Max time bin (ZS), RDO4_ARM2_PORT0_SEC0

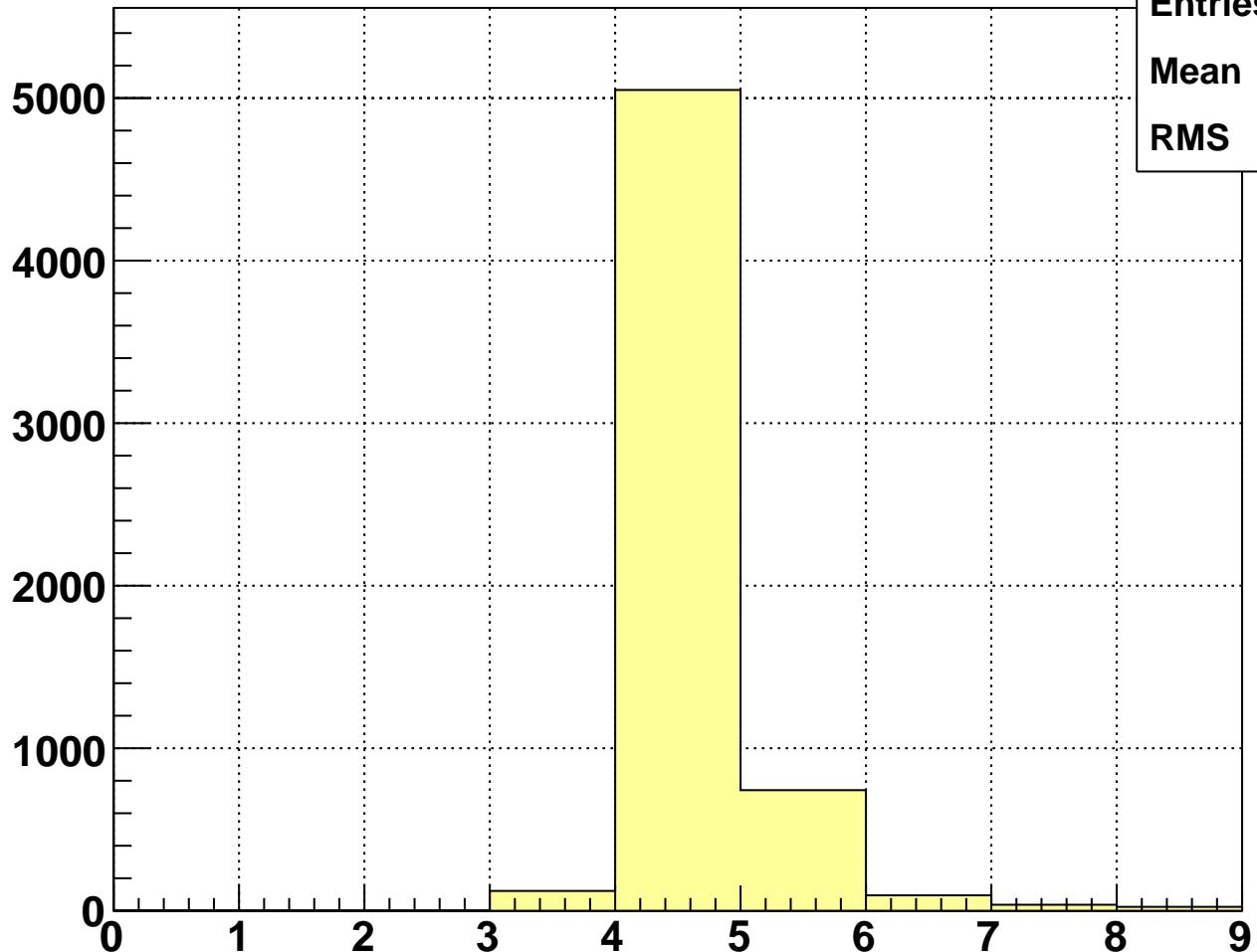
maxTB_ZS_Section_44



Entries 12570
Mean 4.062
RMS 0.409

FST - Max time bin (ZS), RDO4_ARM2_PORT0_SEC1

maxTB_ZS_Section_45

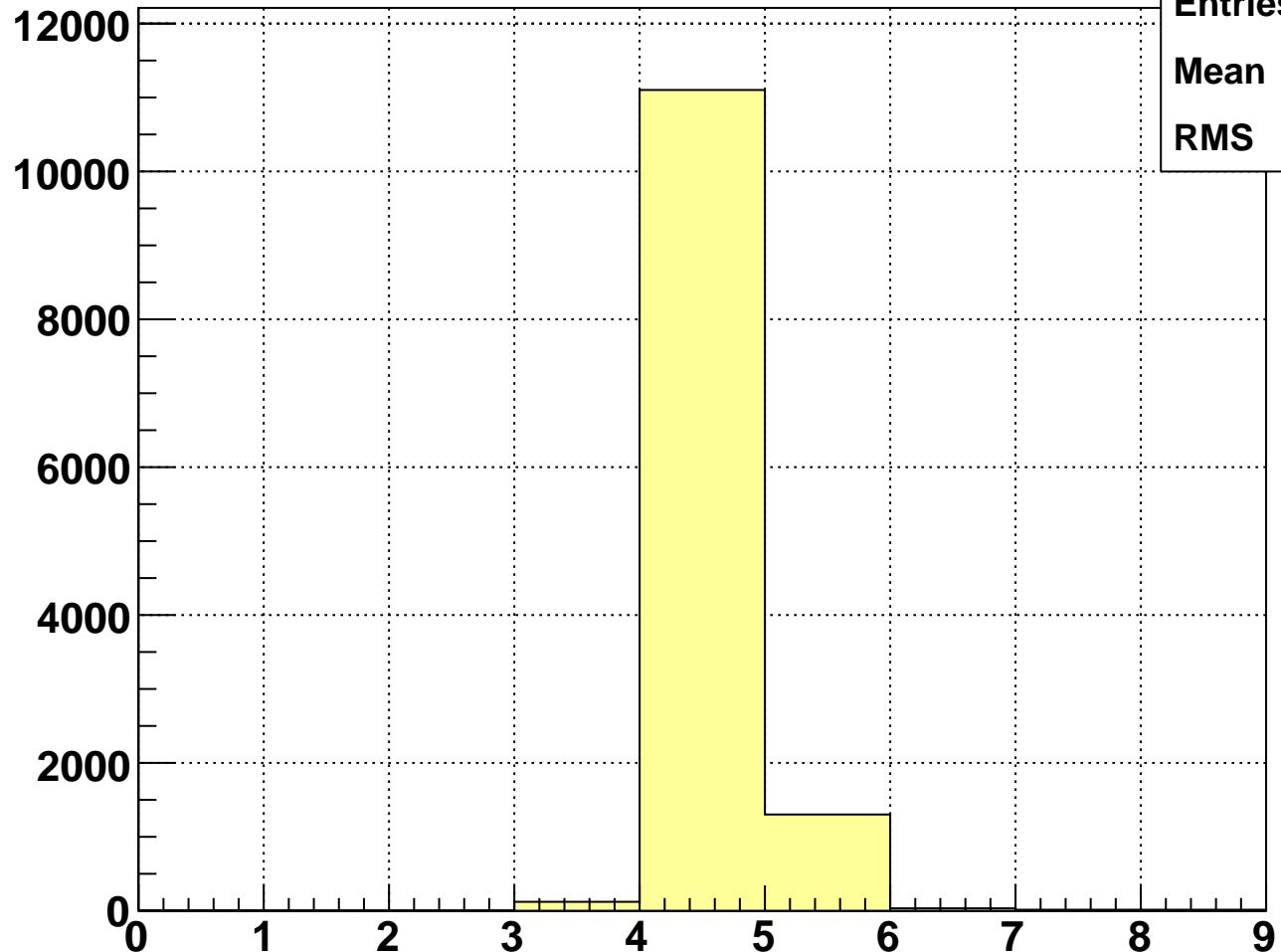


Entries	6072
Mean	4.166
RMS	0.5483

FST - Max time bin (ZS), RDO4_ARM2_PORT1_SEC0

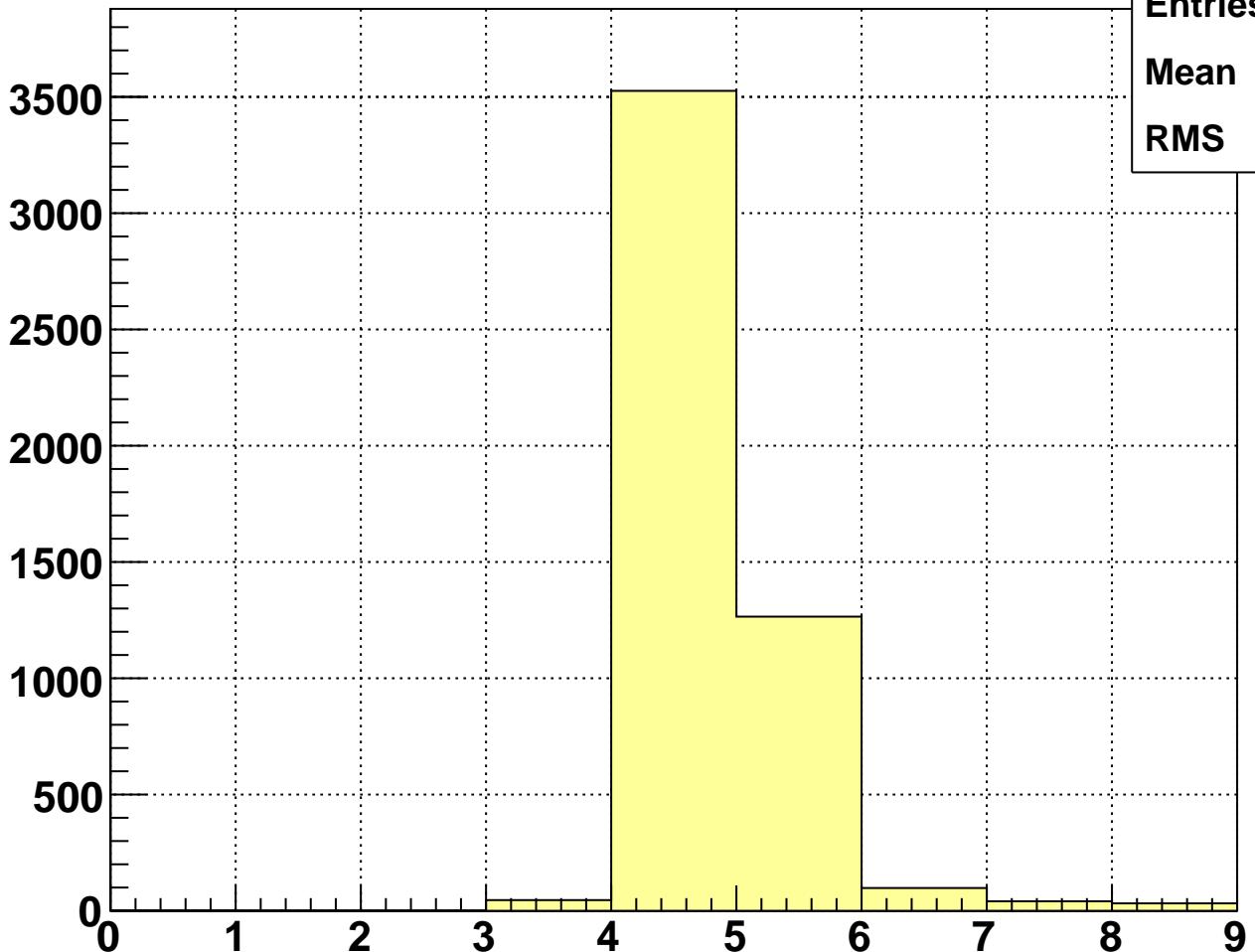
maxTB_ZS_Section_46

Entries 12588
Mean 4.106
RMS 0.3776



FST - Max time bin (ZS), RDO4_ARM2_PORT1_SEC1

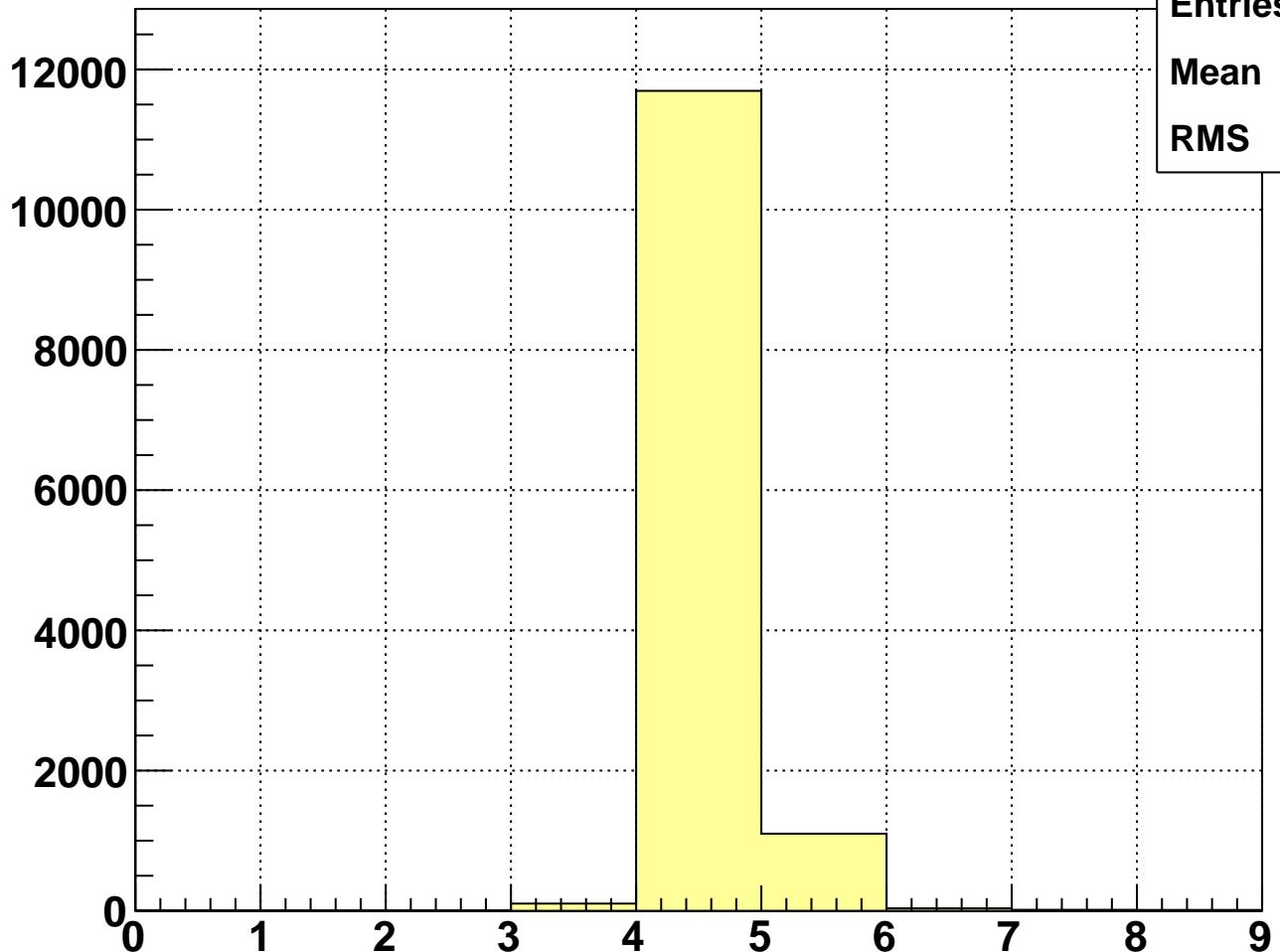
maxTB_ZS_Section_47



Entries	5009
Mean	4.332
RMS	0.6395

FST - Max time bin (ZS), RDO5_ARM0_PORT0_SEC0

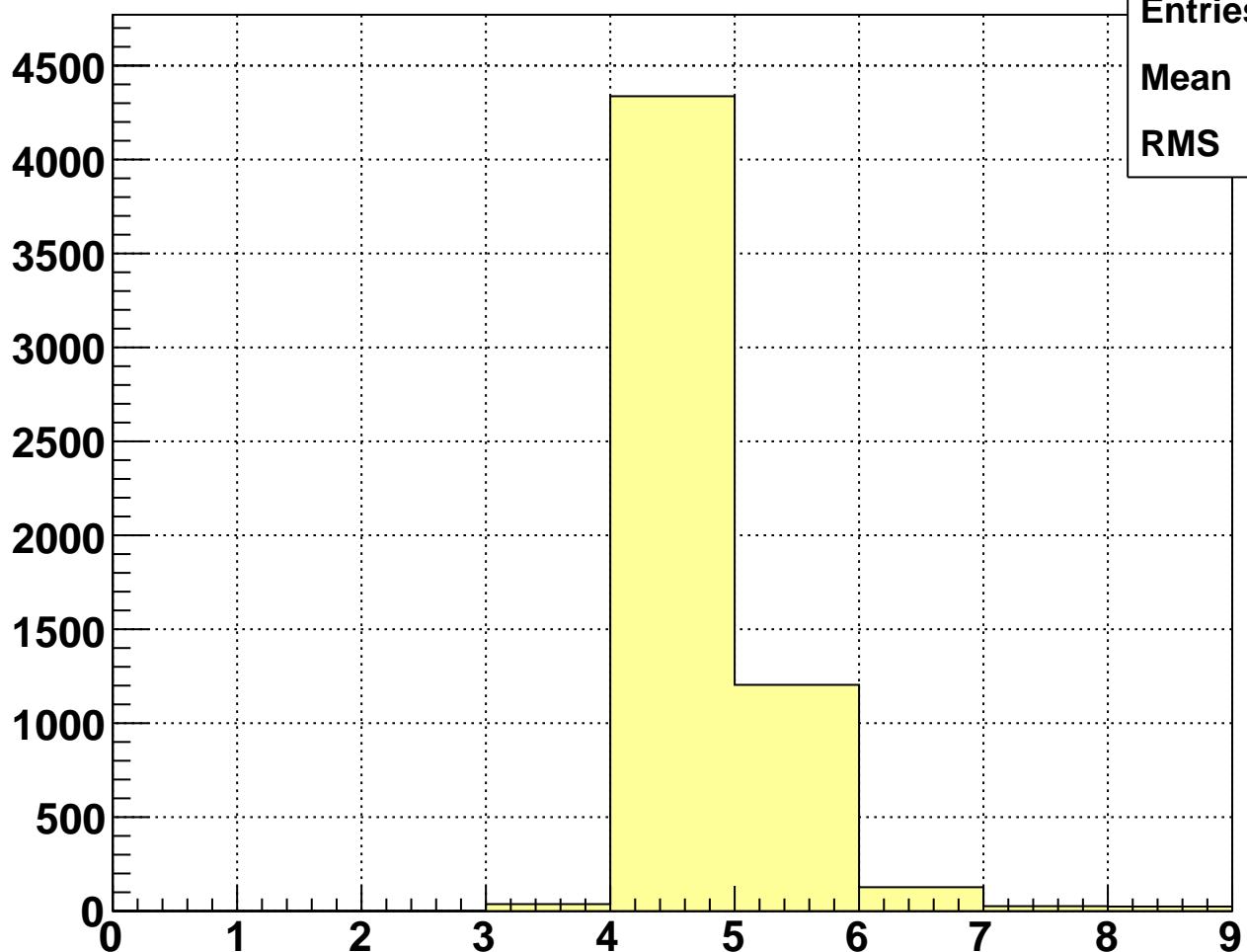
maxTB_ZS_Section_48



Entries 12959
Mean 4.089
RMS 0.3467

FST - Max time bin (ZS), RDO5_ARM0_PORT0_SEC1

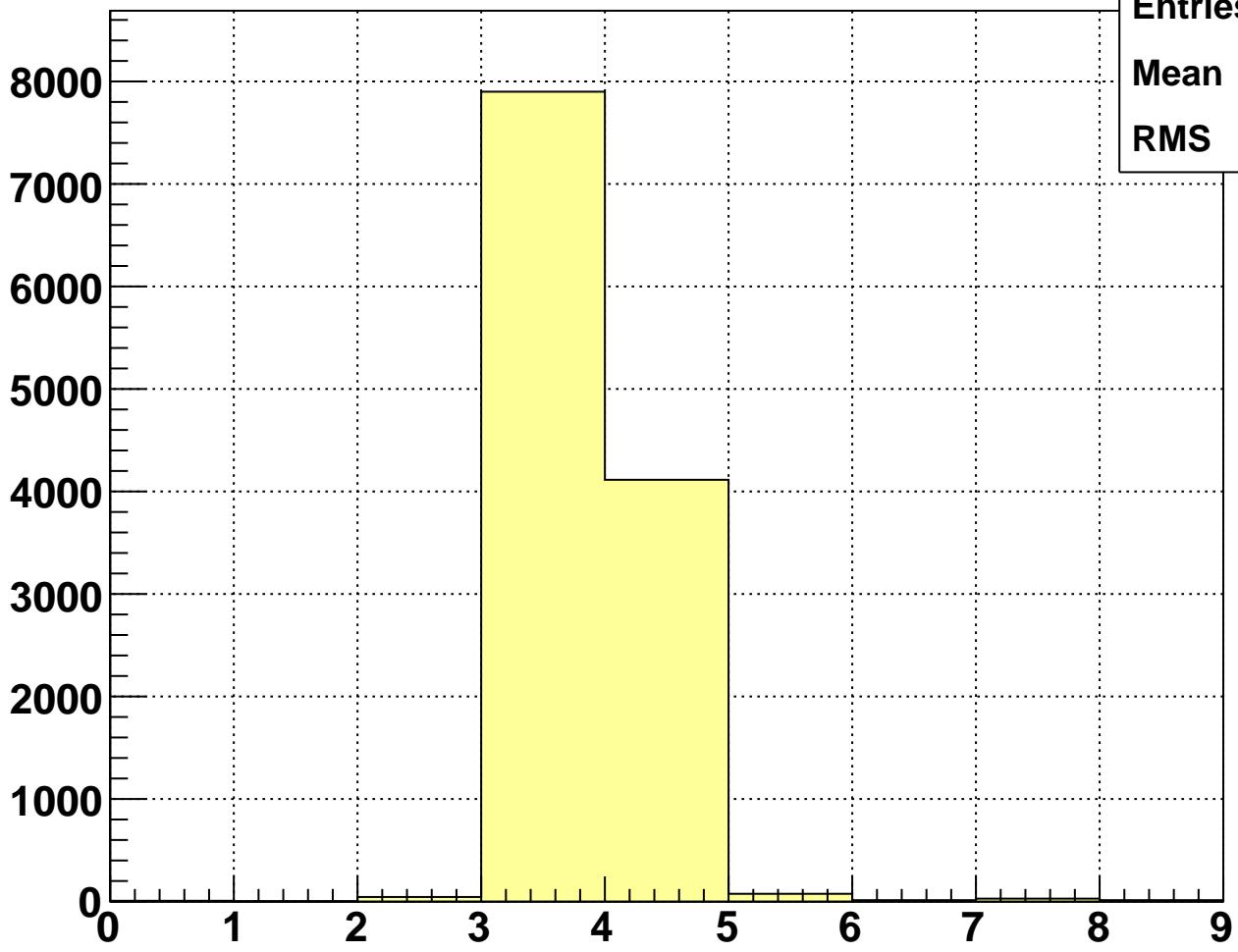
maxTB_ZS_Section_49



Entries	5755
Mean	4.277
RMS	0.5783

FST - Max time bin (ZS), RDO5_ARM0_PORT1_SEC0

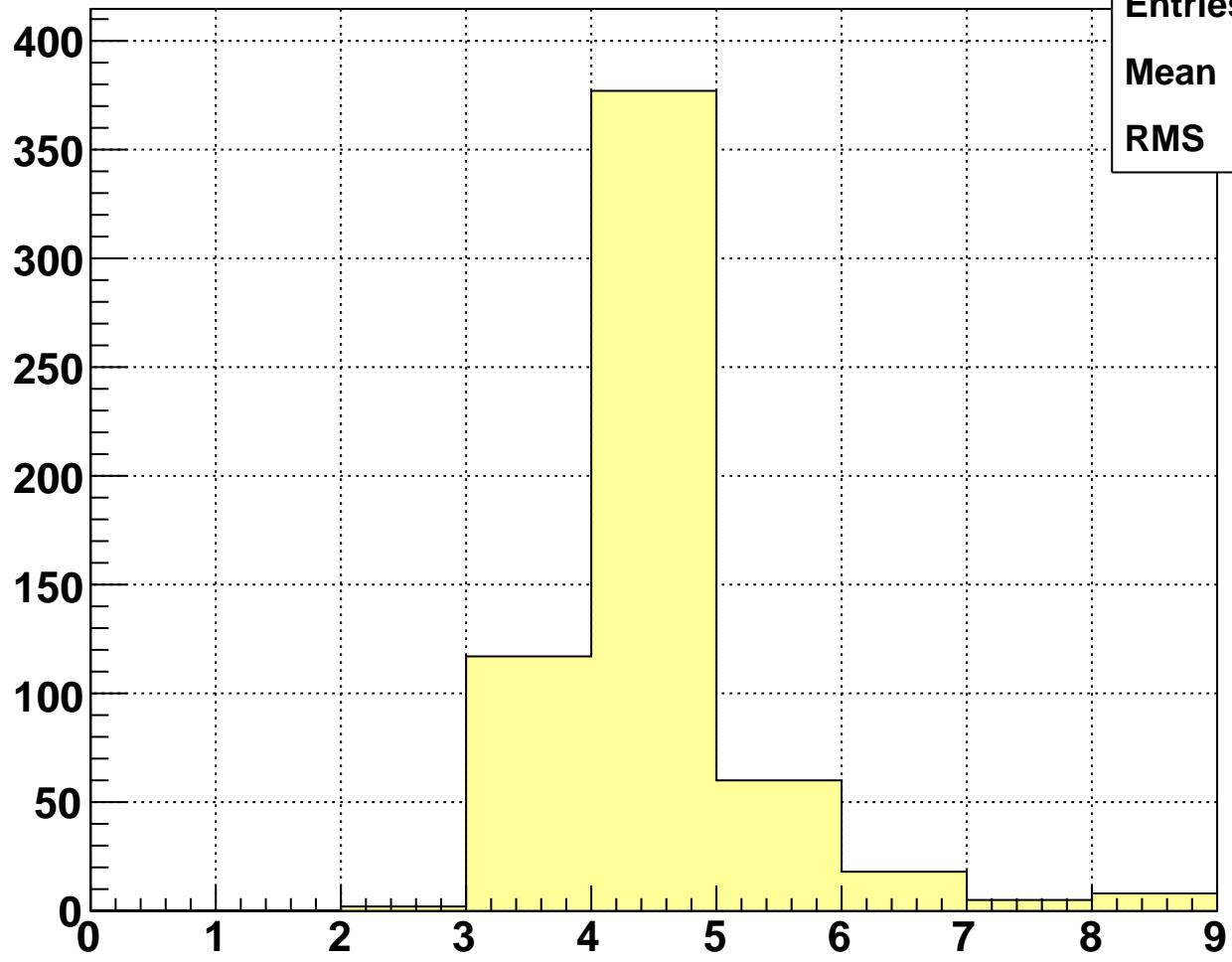
maxTB_ZS_Section_50



Entries 12194
Mean 3.362
RMS 0.5592

FST - Max time bin (ZS), RDO5_ARM0_PORT1_SEC1

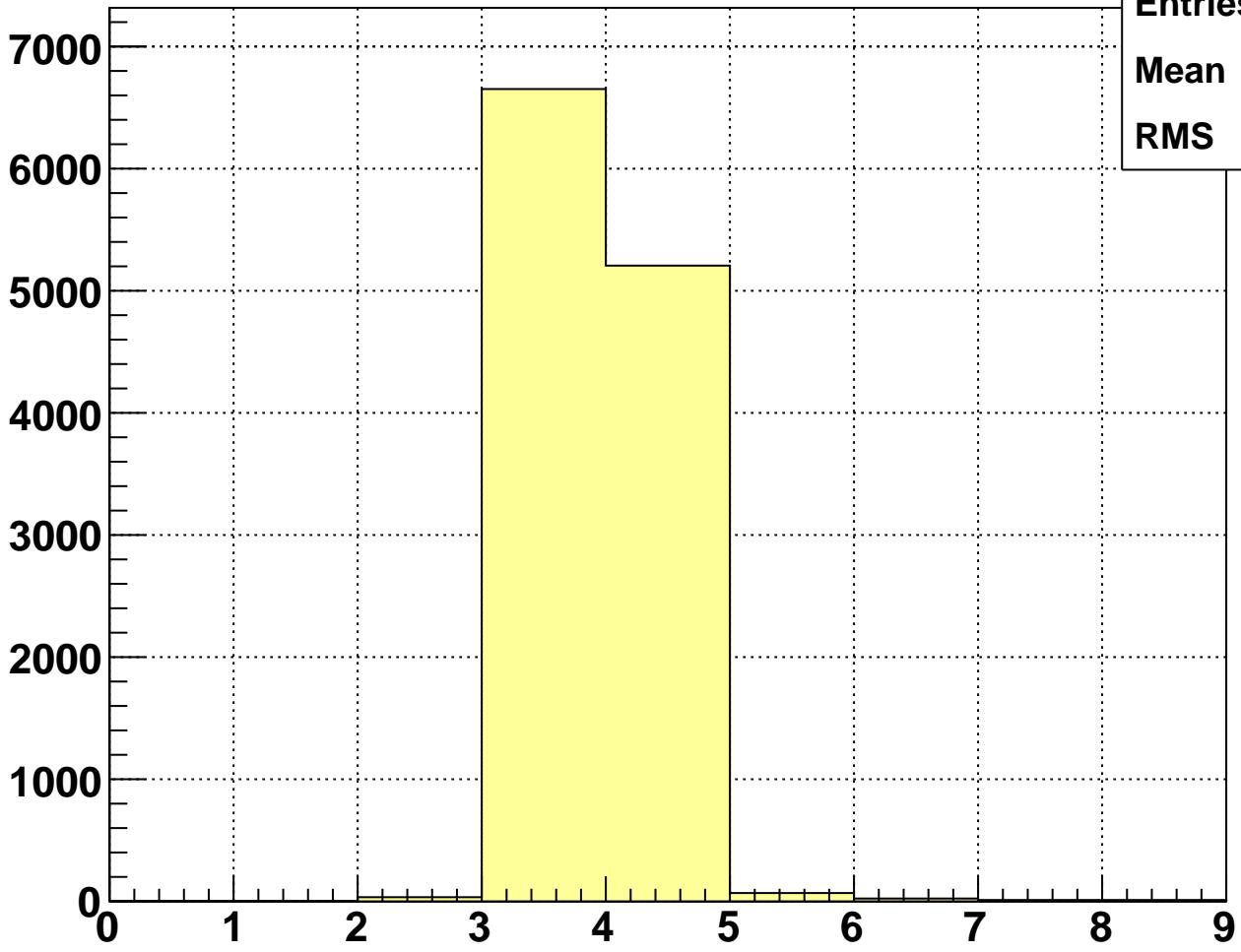
maxTB_ZS_Section_51



Entries	587
Mean	4.037
RMS	0.8551

FST - Max time bin (ZS), RDO5_ARM1_PORT0_SEC0

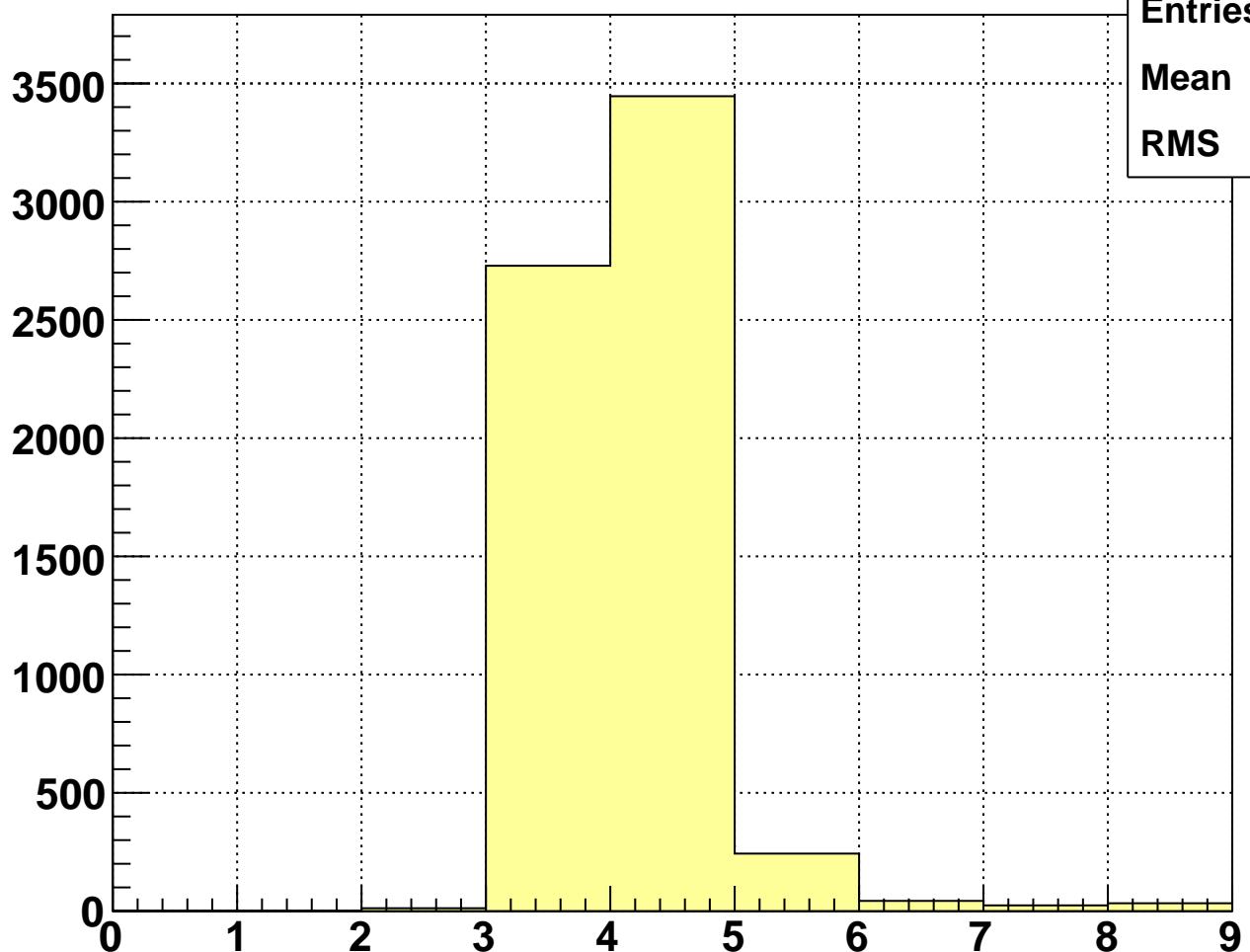
maxTB_ZS_Section_52



Entries	12005
Mean	3.456
RMS	0.5531

FST - Max time bin (ZS), RDO5_ARM1_PORT0_SEC1

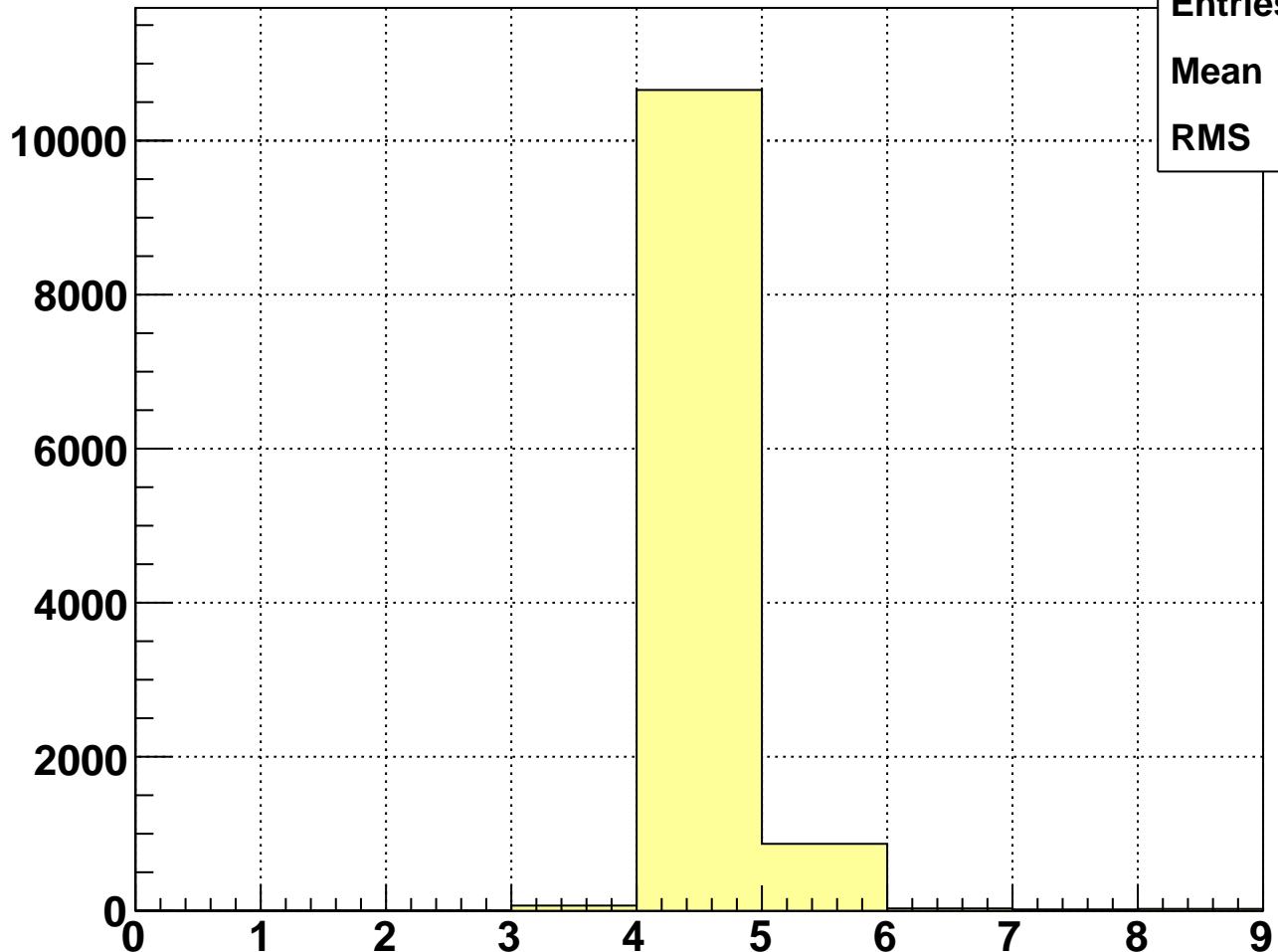
maxTB_ZS_Section_53



Entries	6530
Mean	3.66
RMS	0.698

FST - Max time bin (ZS), RDO5_ARM1_PORT1_SEC0

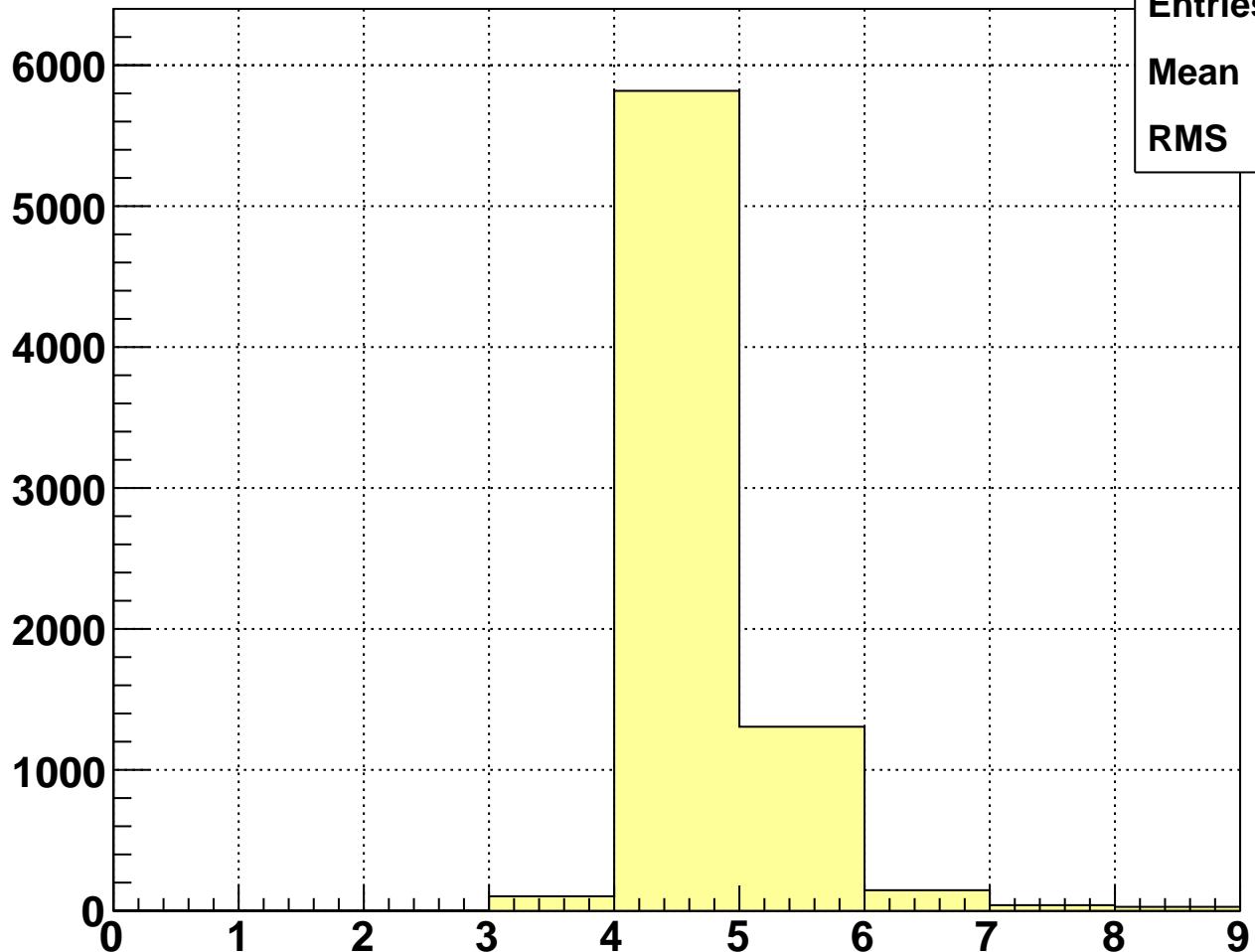
maxTB_ZS_Section_54



Entries 11665
Mean 4.086
RMS 0.3593

FST - Max time bin (ZS), RDO5_ARM1_PORT1_SEC1

maxTB_ZS_Section_55

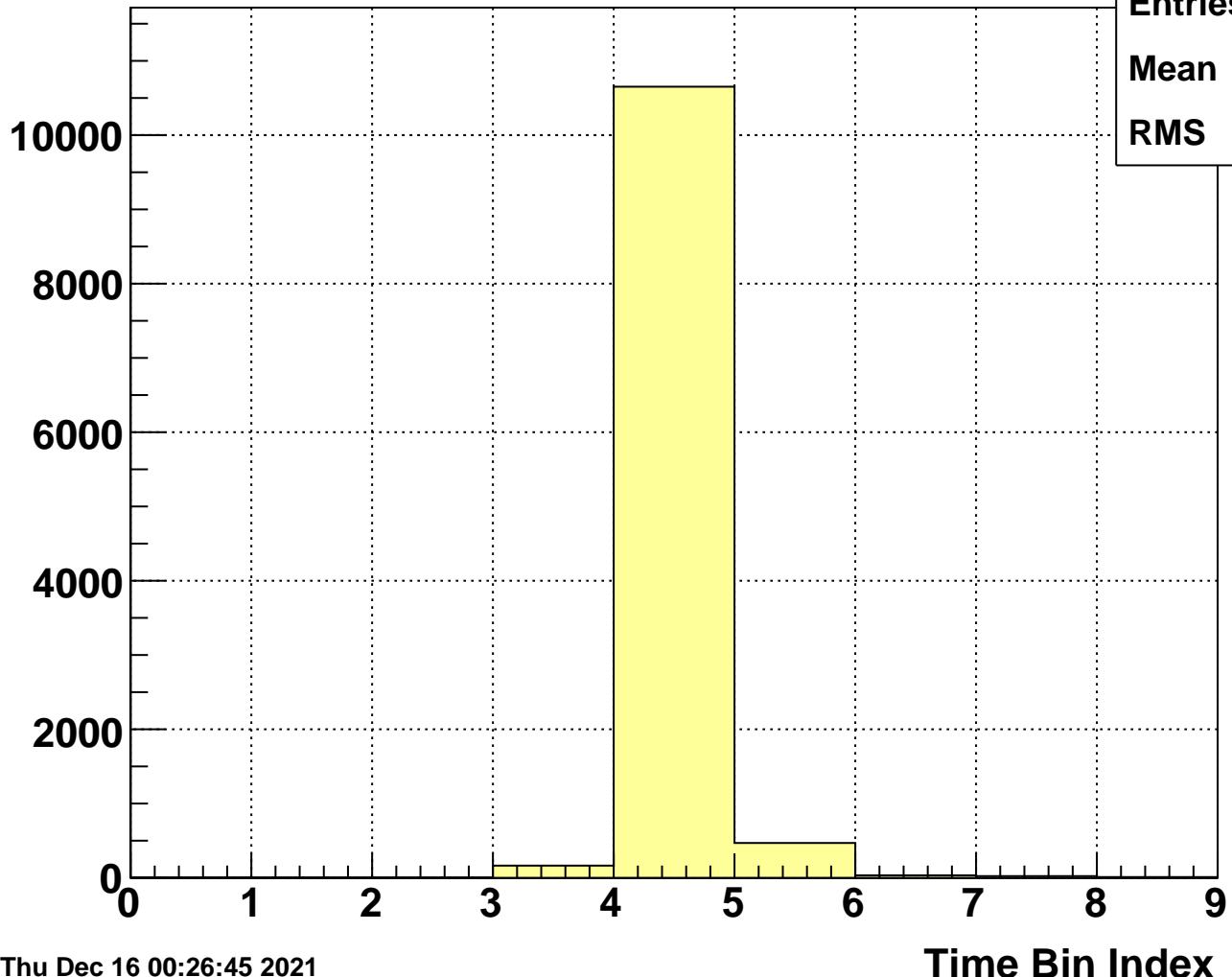


Entries	7442
Mean	4.232
RMS	0.57

FST - Max time bin (ZS), RDO5_ARM2_PORT0_SEC0

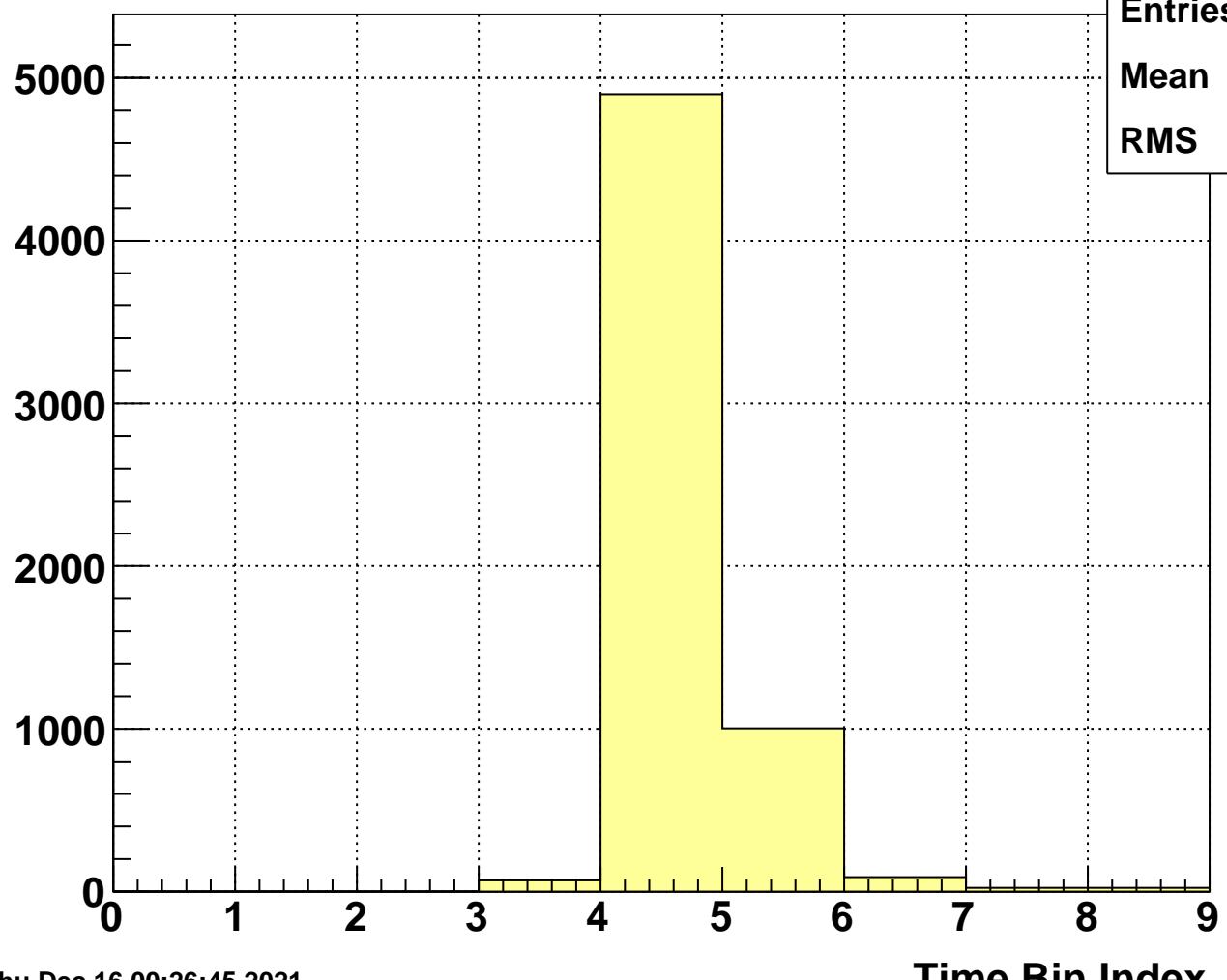
maxTB_ZS_Section_56

Entries 11352
Mean 4.042
RMS 0.3152



FST - Max time bin (ZS), RDO5_ARM2_PORT0_SEC1

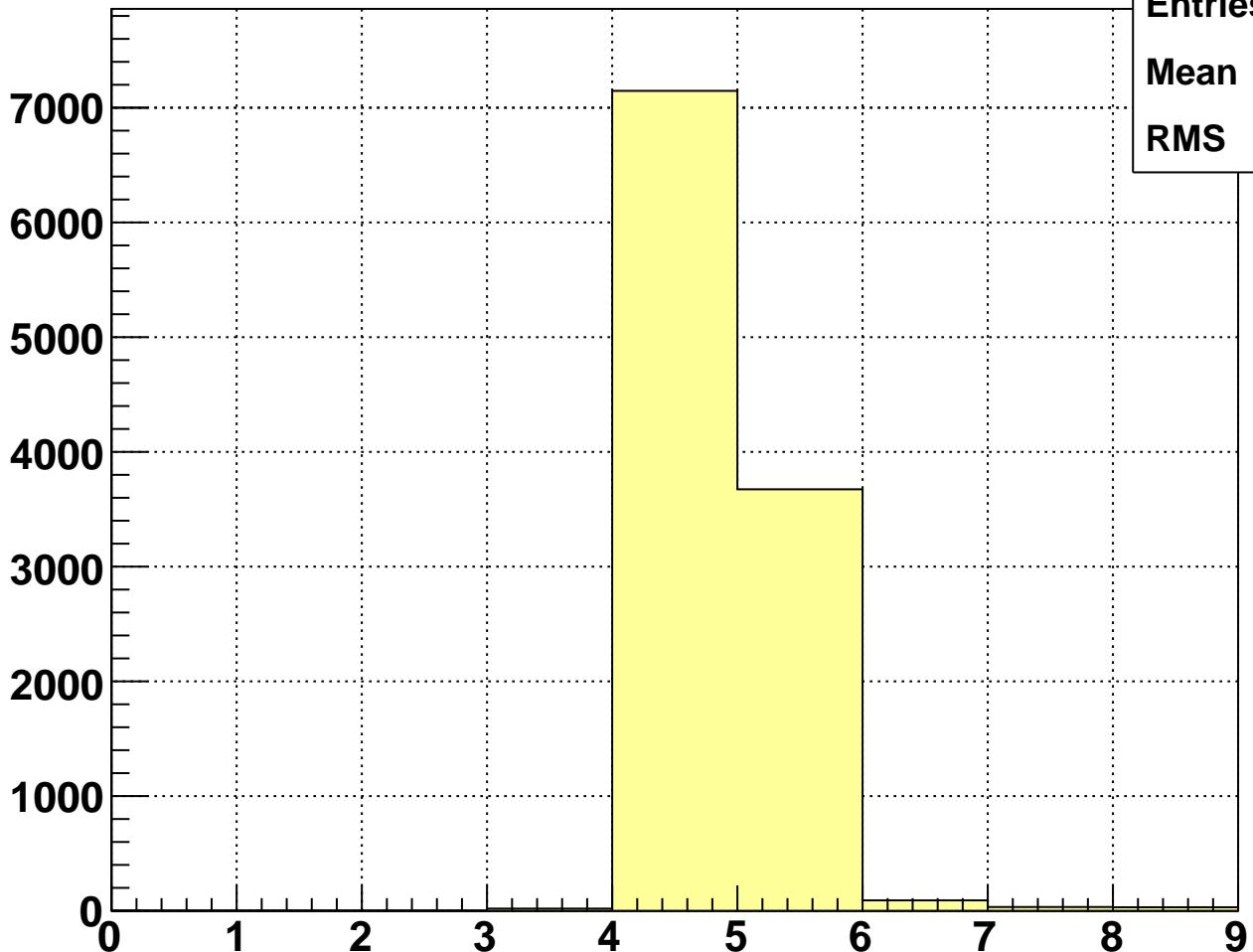
maxTB_ZS_Section_57



Entries	6107
Mean	4.208
RMS	0.5334

FST - Max time bin (ZS), RDO5_ARM2_PORT1_SEC0

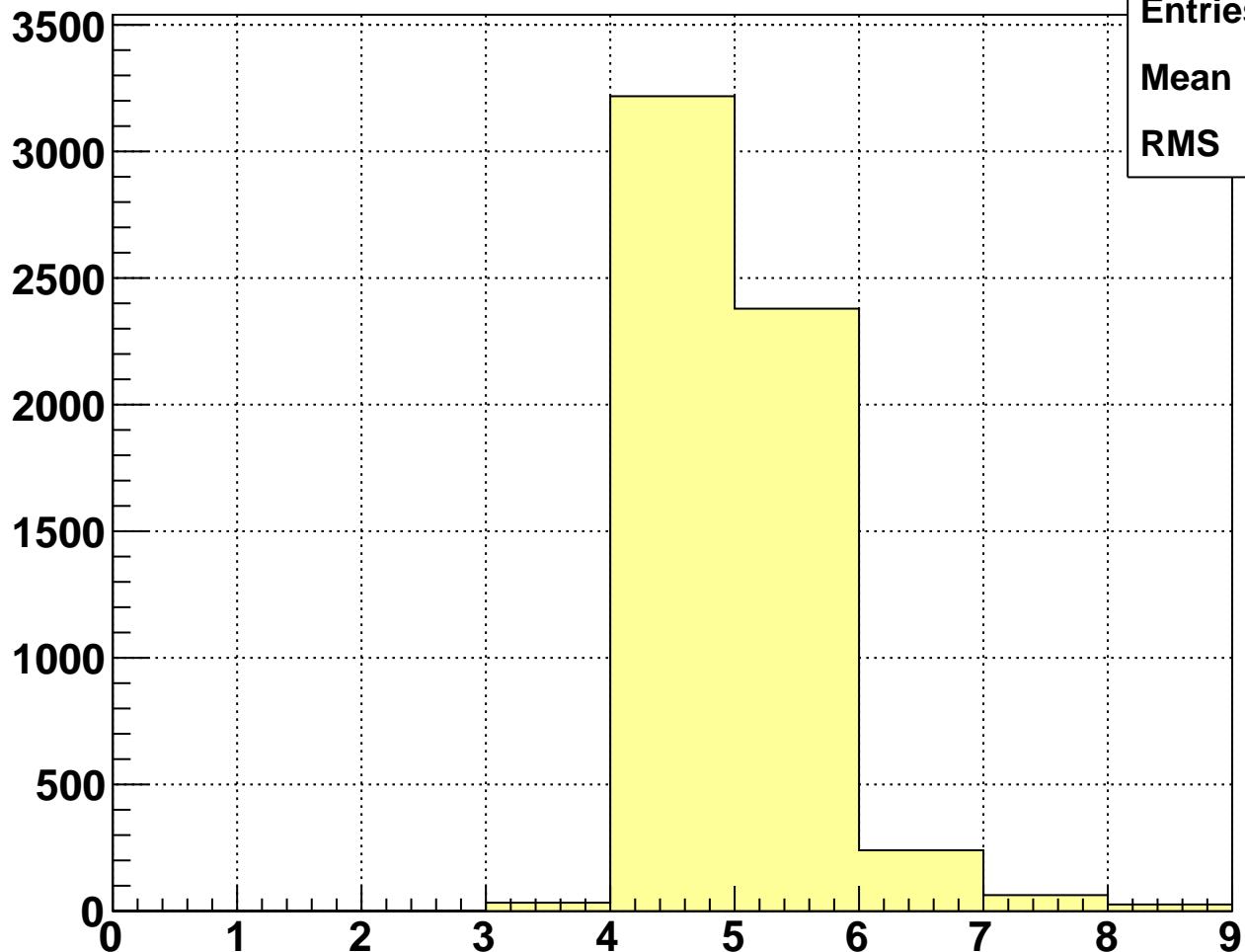
maxTB_ZS_Section_58



Entries 10995
Mean 4.369
RMS 0.552

FST - Max time bin (ZS), RDO5_ARM2_PORT1_SEC1

maxTB_ZS_Section_59

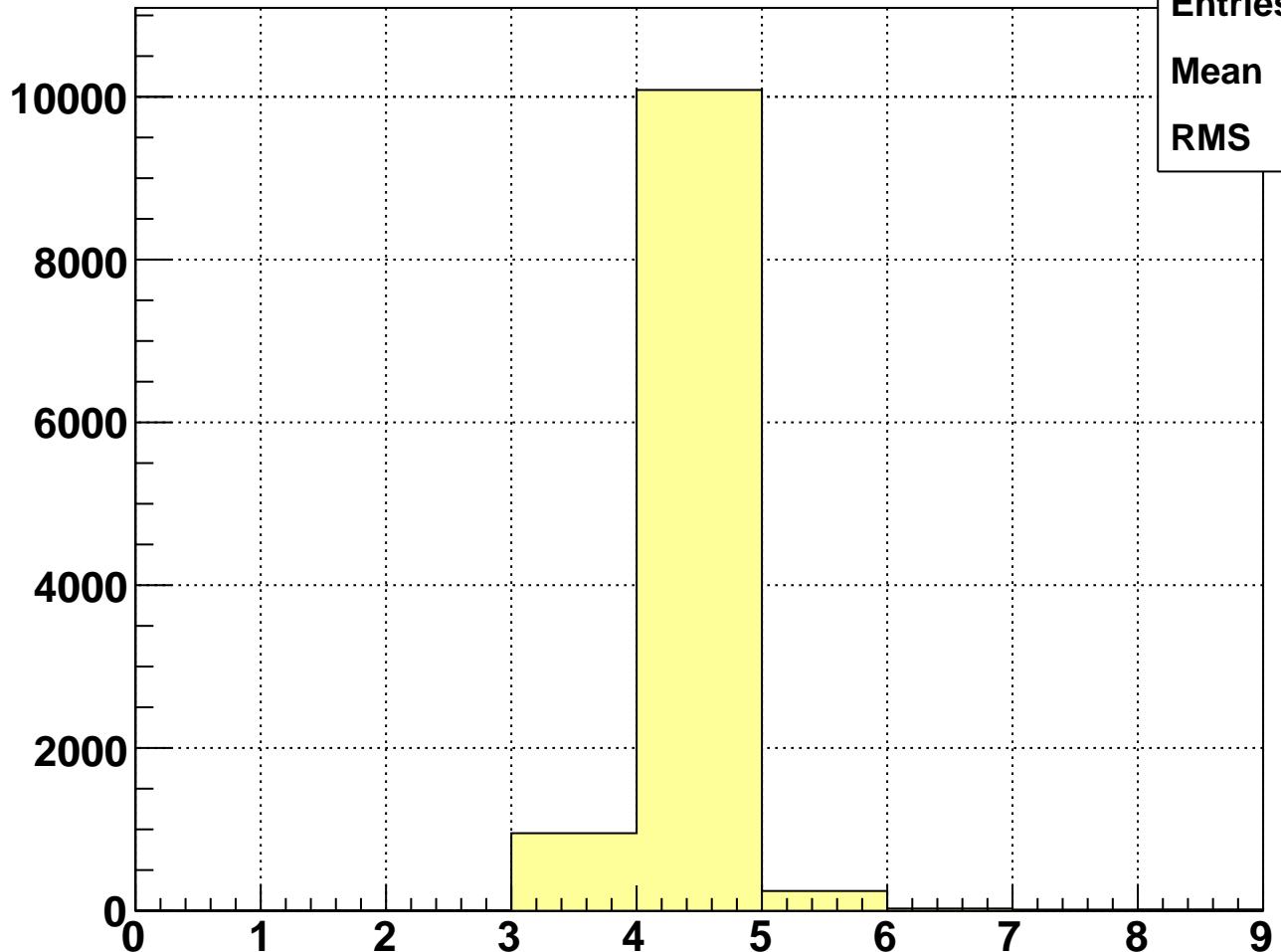


Entries 5960
Mean 4.523
RMS 0.6784

FST - Max time bin (ZS), RDO6_ARM0_PORT0_SEC0

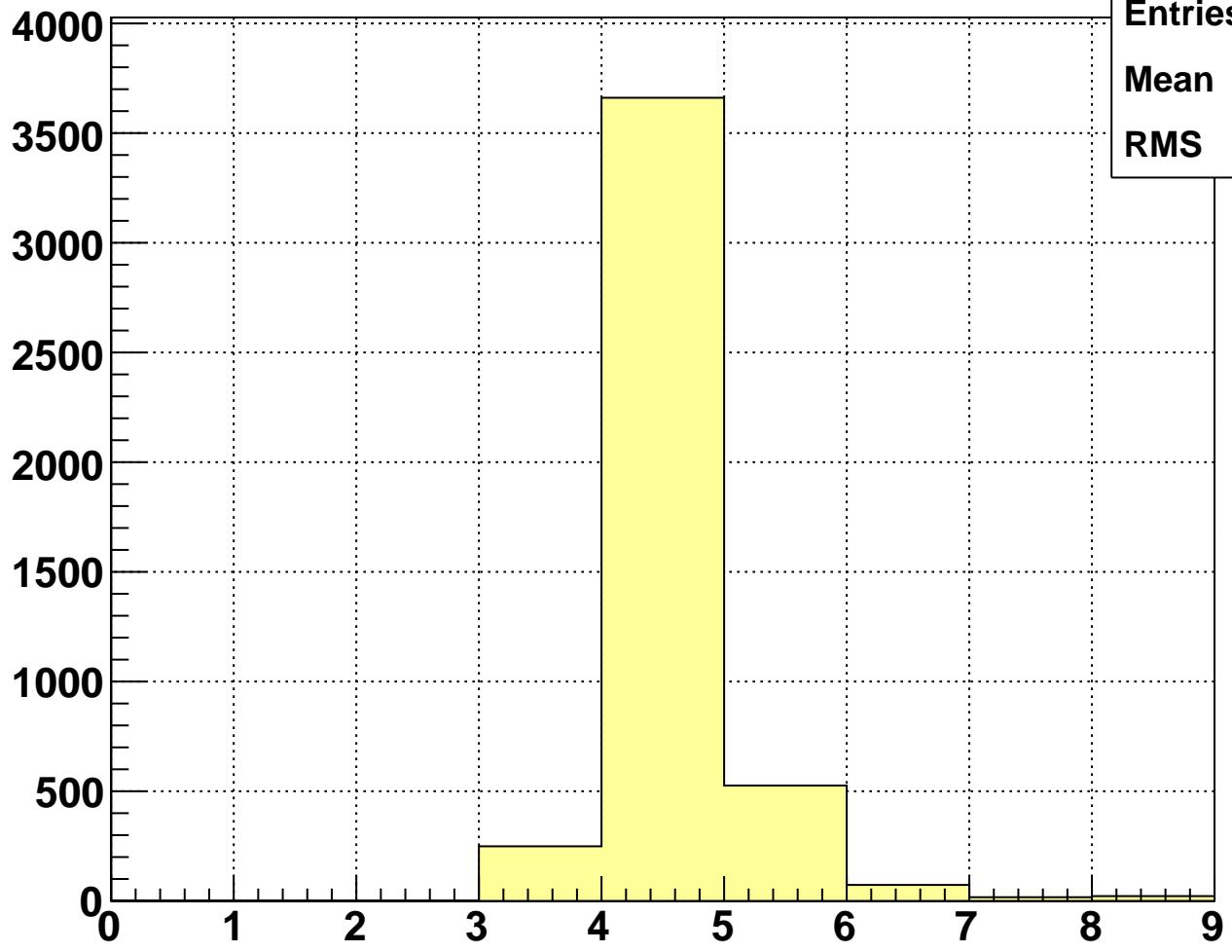
maxTB_ZS_Section_60

Entries 11340
Mean 3.951
RMS 0.3852



FST - Max time bin (ZS), RDO6_ARM0_PORT0_SEC1

maxTB_ZS_Section_61

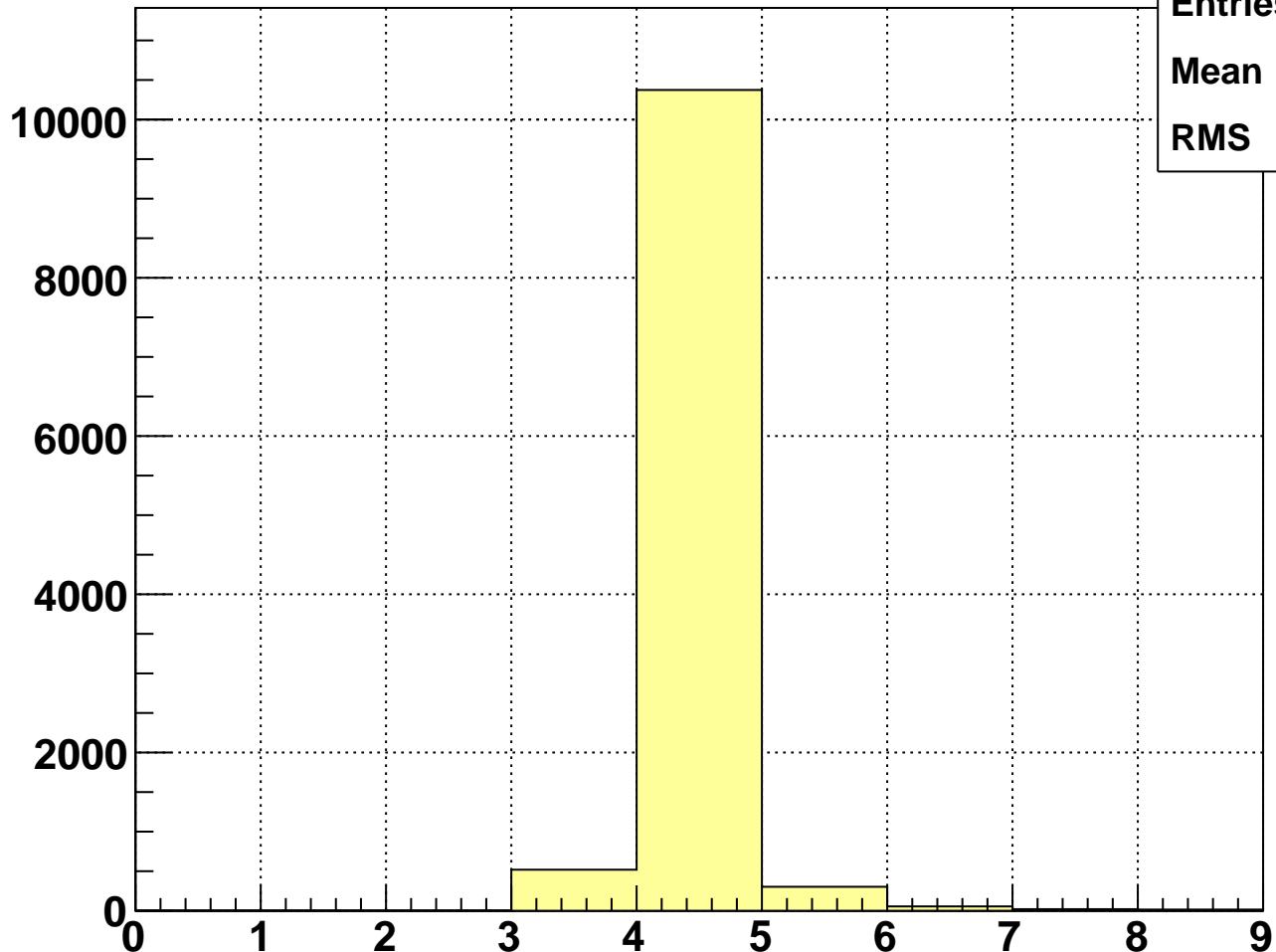


Entries 4548
Mean 4.124
RMS 0.5748

FST - Max time bin (ZS), RDO6_ARM0_PORT1_SEC0

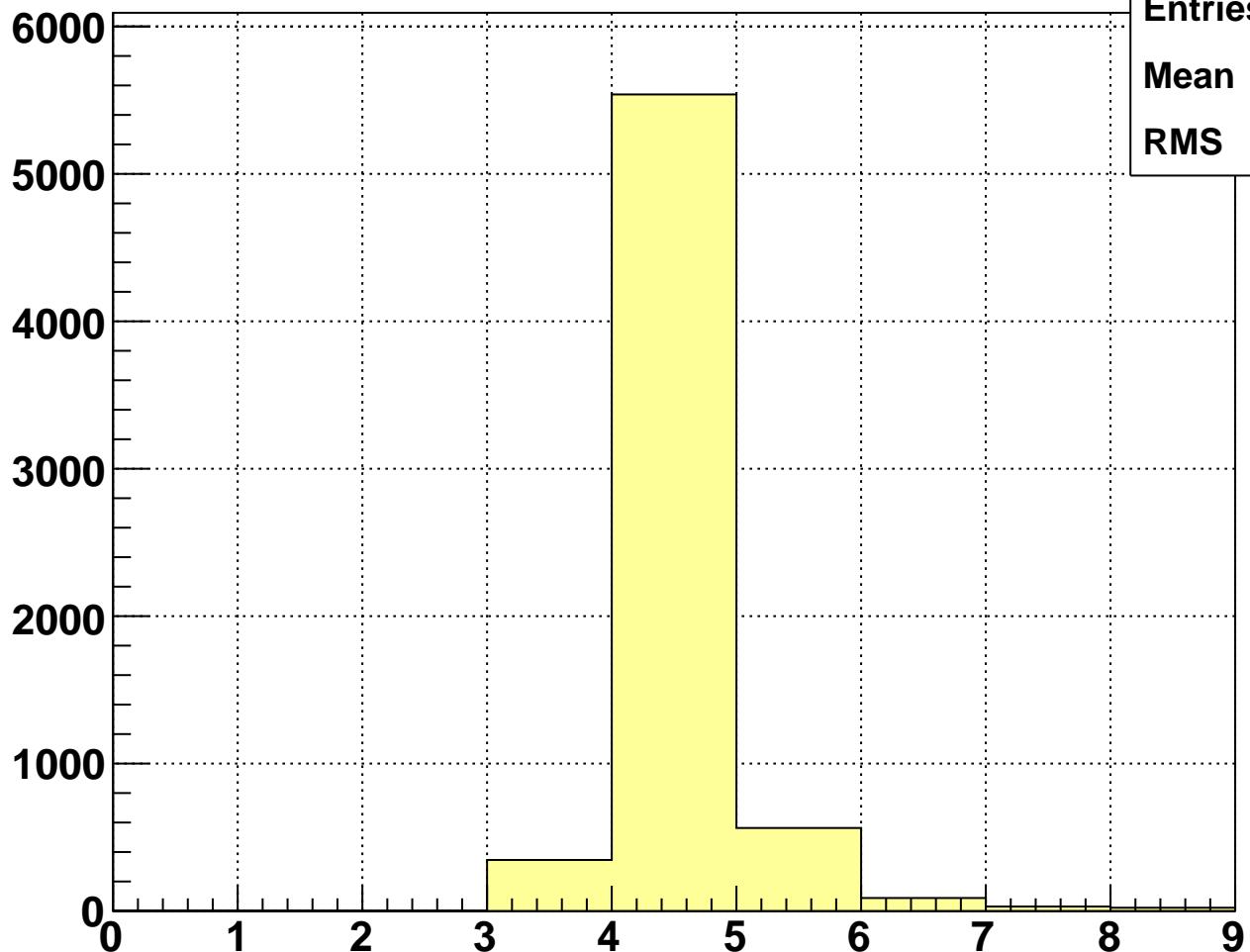
maxTB_ZS_Section_62

Entries 11286
Mean 4.001
RMS 0.3599



FST - Max time bin (ZS), RDO6_ARM0_PORT1_SEC1

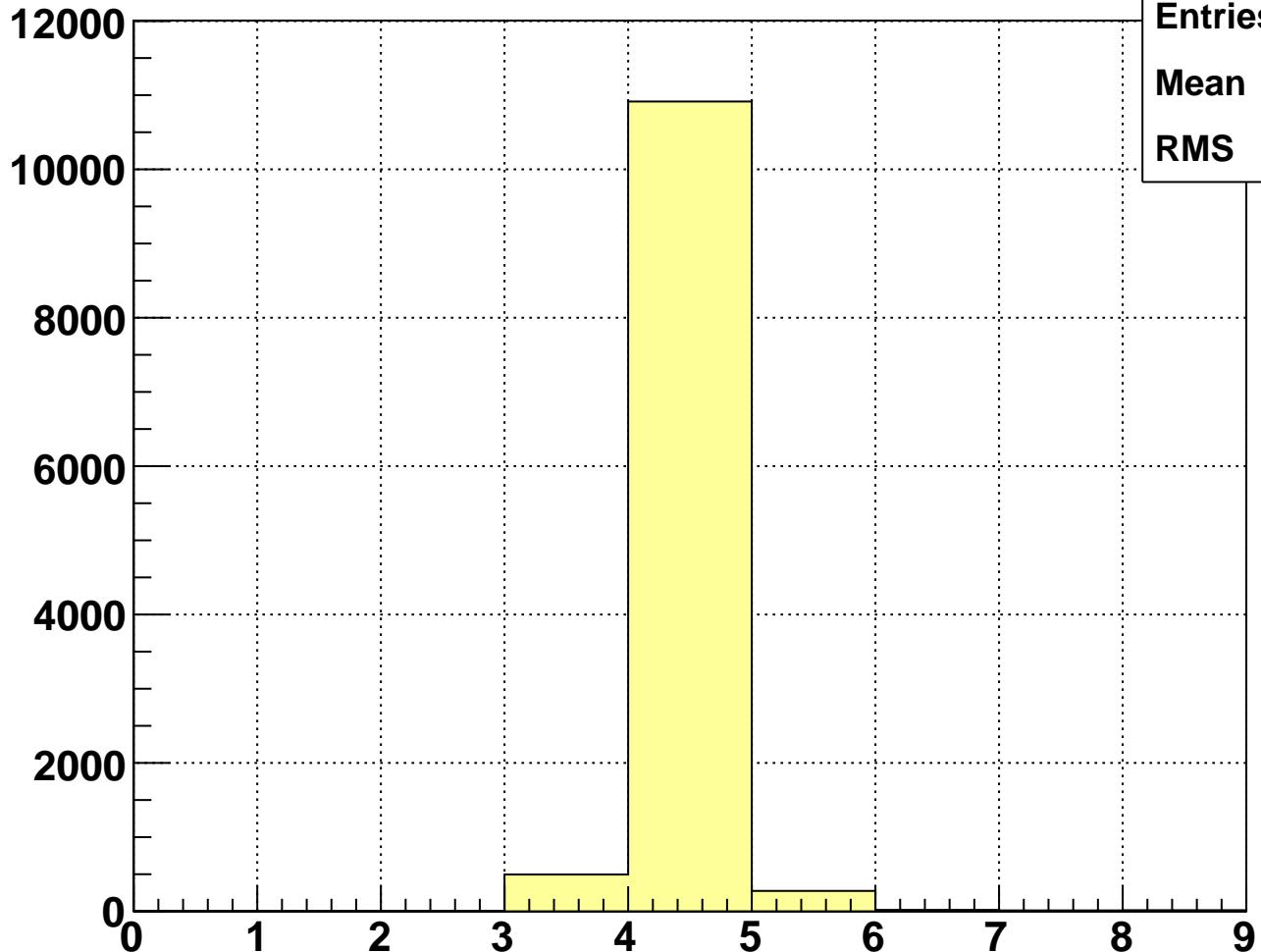
maxTB_ZS_Section_63



Entries 6589
Mean 4.086
RMS 0.5299

FST - Max time bin (ZS), RDO6_ARM1_PORT0_SEC0

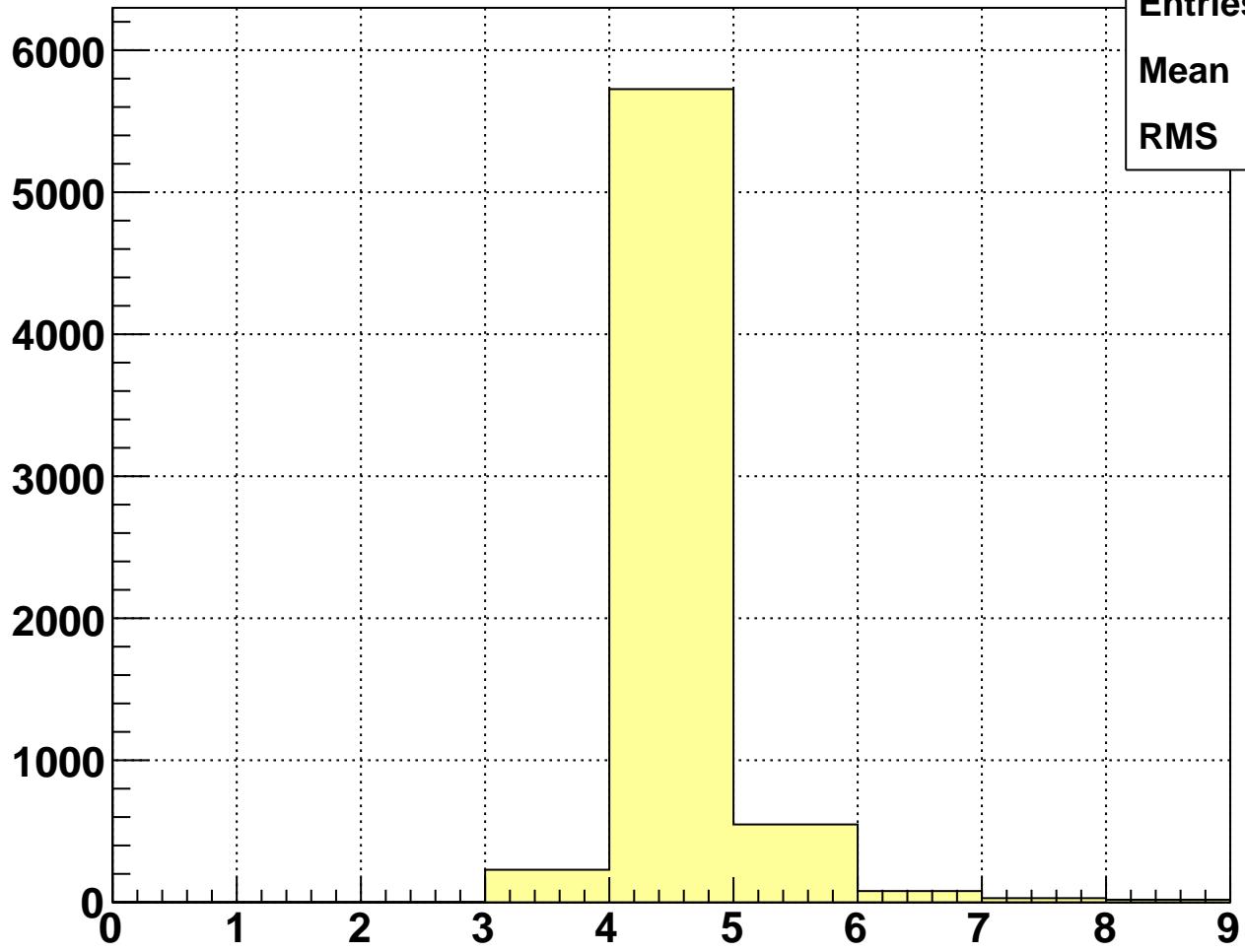
maxTB_ZS_Section_64



Entries 11734
Mean 3.992
RMS 0.3222

FST - Max time bin (ZS), RDO6_ARM1_PORT0_SEC1

maxTB_ZS_Section_65

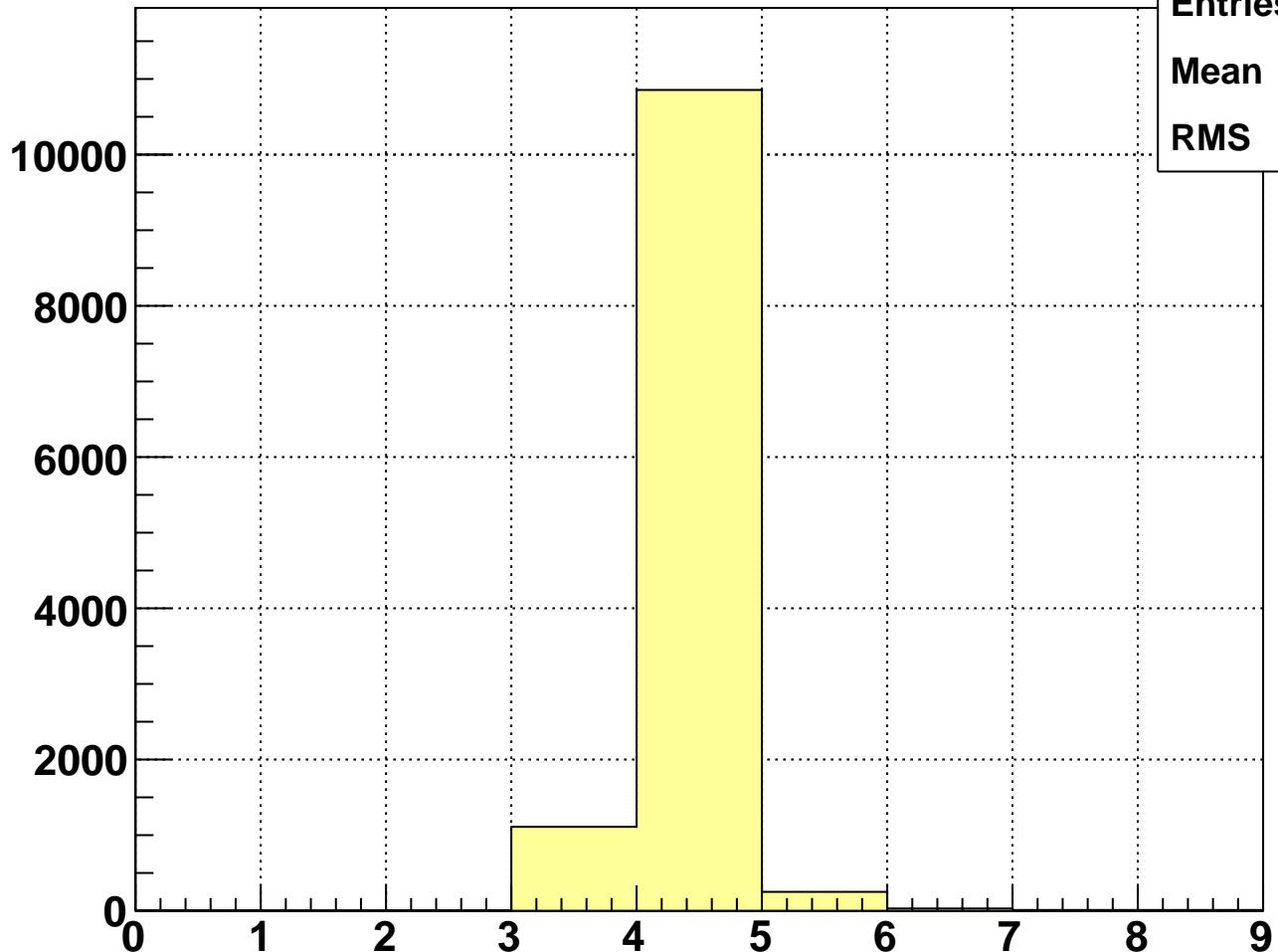


Entries	6629
Mean	4.096
RMS	0.4884

FST - Max time bin (ZS), RDO6_ARM1_PORT1_SEC0

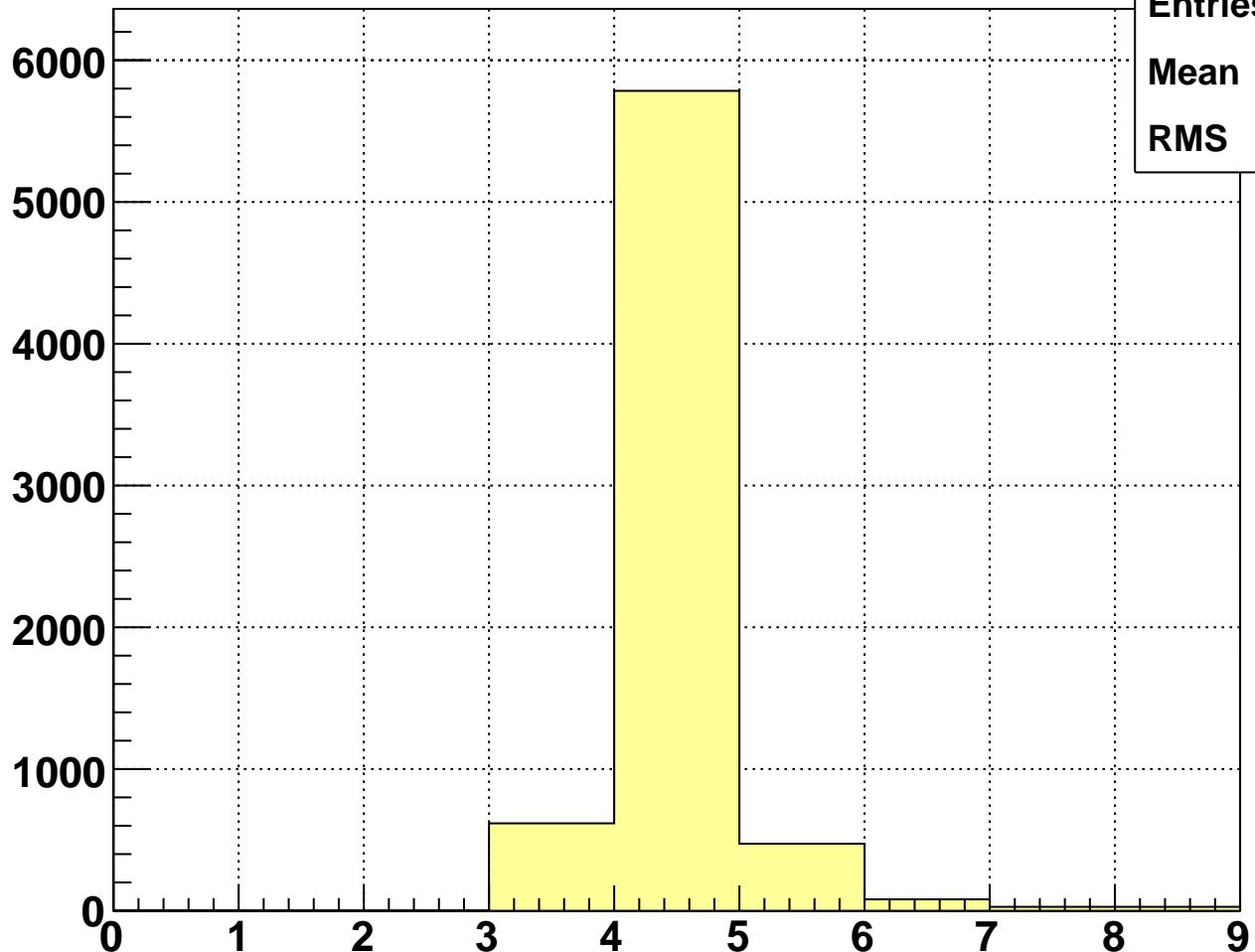
maxTB_ZS_Section_66

Entries 12269
Mean 3.94
RMS 0.375



FST - Max time bin (ZS), RDO6_ARM1_PORT1_SEC1

maxTB_ZS_Section_67

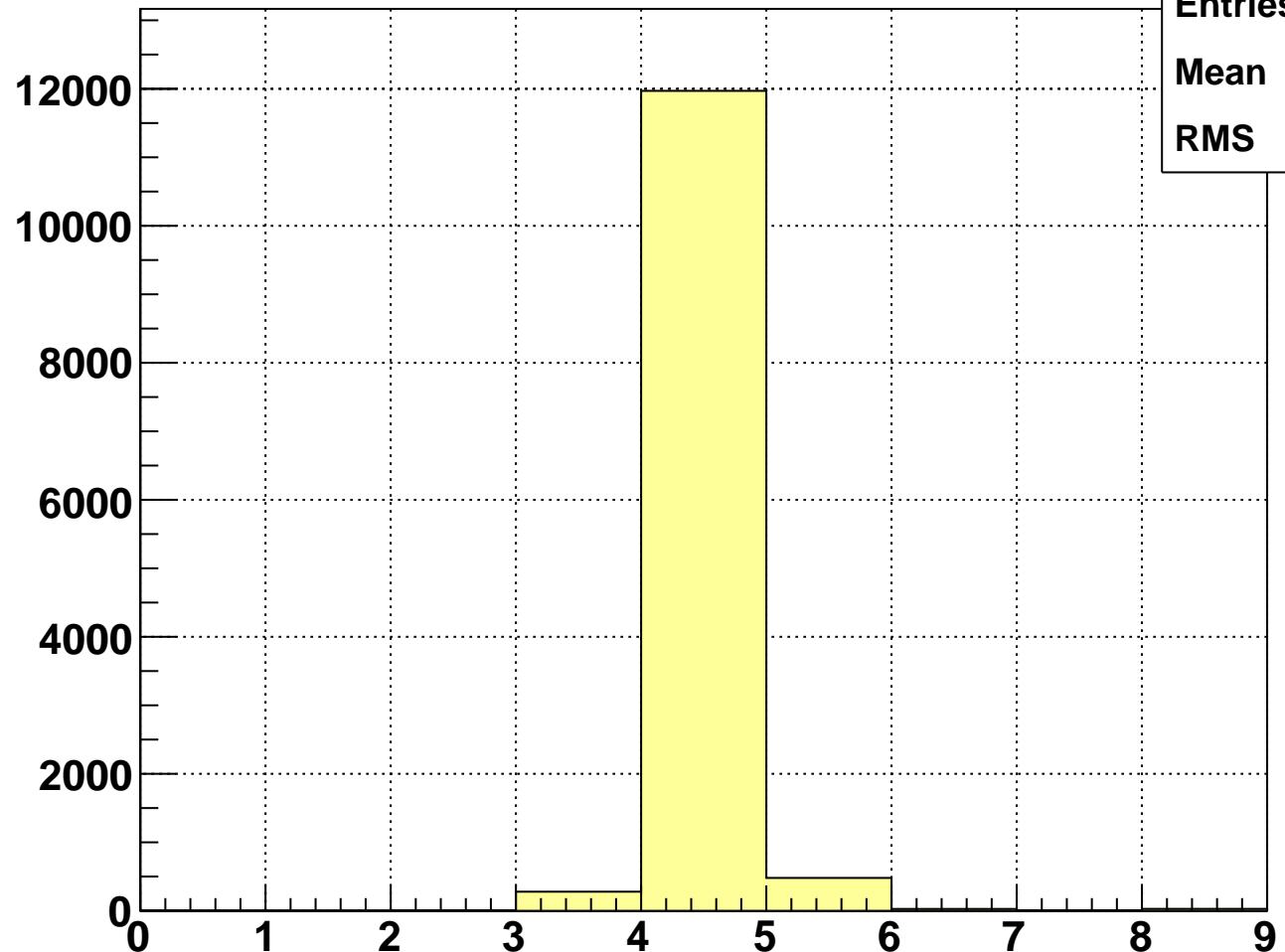


Entries 7013
Mean 4.029
RMS 0.5524

FST - Max time bin (ZS), RDO6_ARM2_PORT0_SEC0

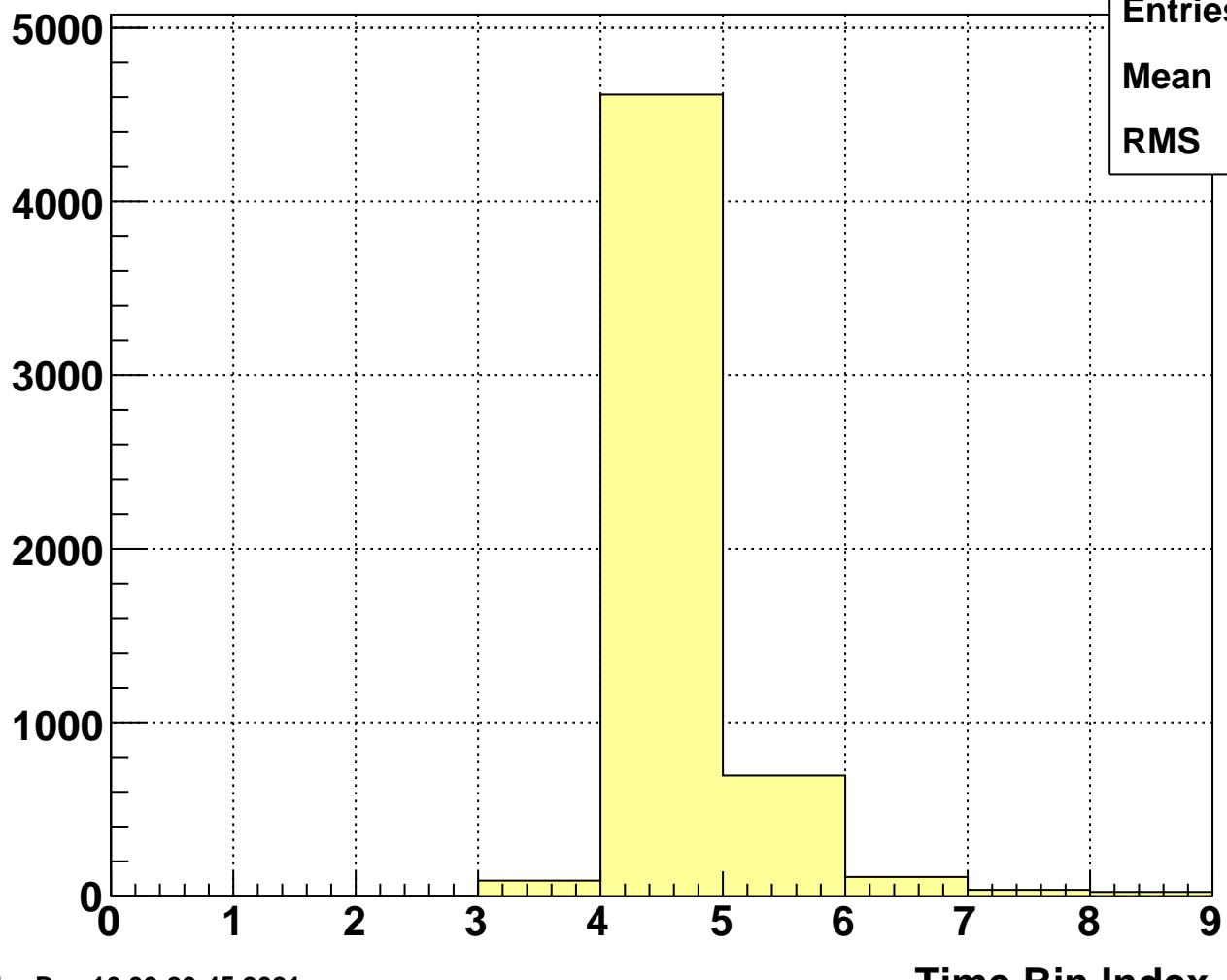
maxTB_ZS_Section_68

Entries	12799
Mean	4.029
RMS	0.3326



FST - Max time bin (ZS), RDO6_ARM2_PORT0_SEC1

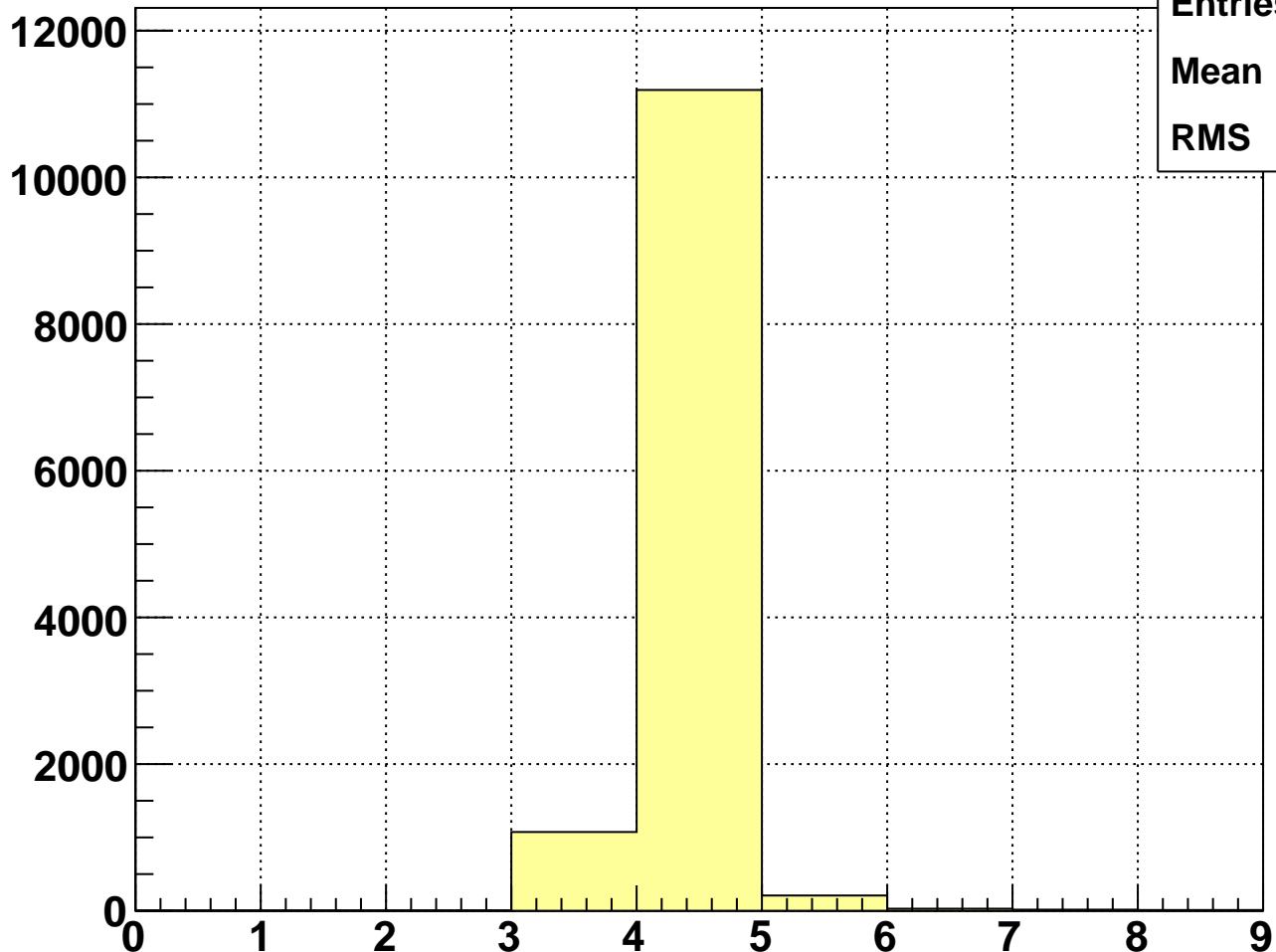
maxTB_ZS_Section_69



Entries 5569
Mean 4.184
RMS 0.5619

FST - Max time bin (ZS), RDO6_ARM2_PORT1_SEC0

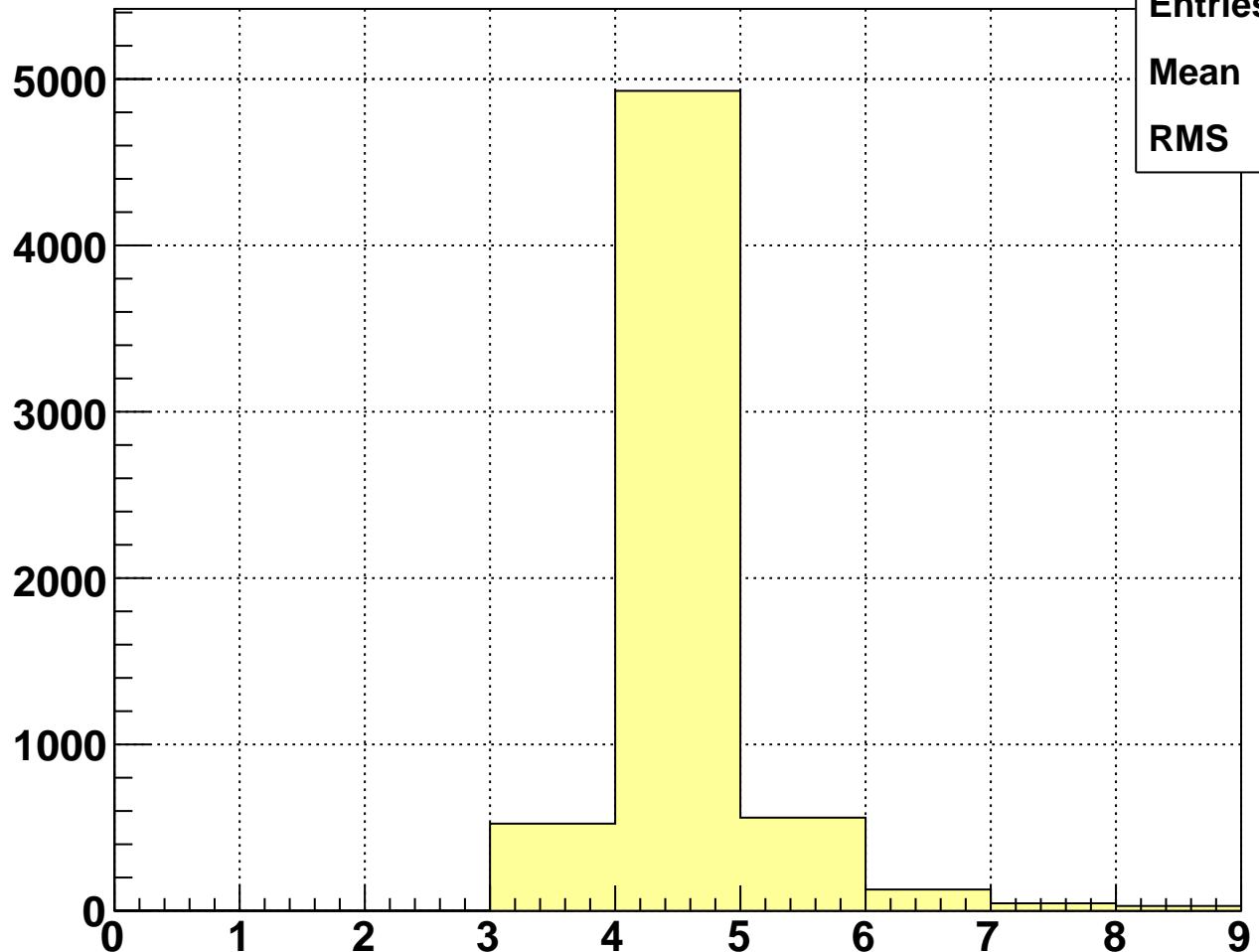
maxTB_ZS_Section_70



Entries 12528
Mean 3.942
RMS 0.363

FST - Max time bin (ZS), RDO6_ARM2_PORT1_SEC1

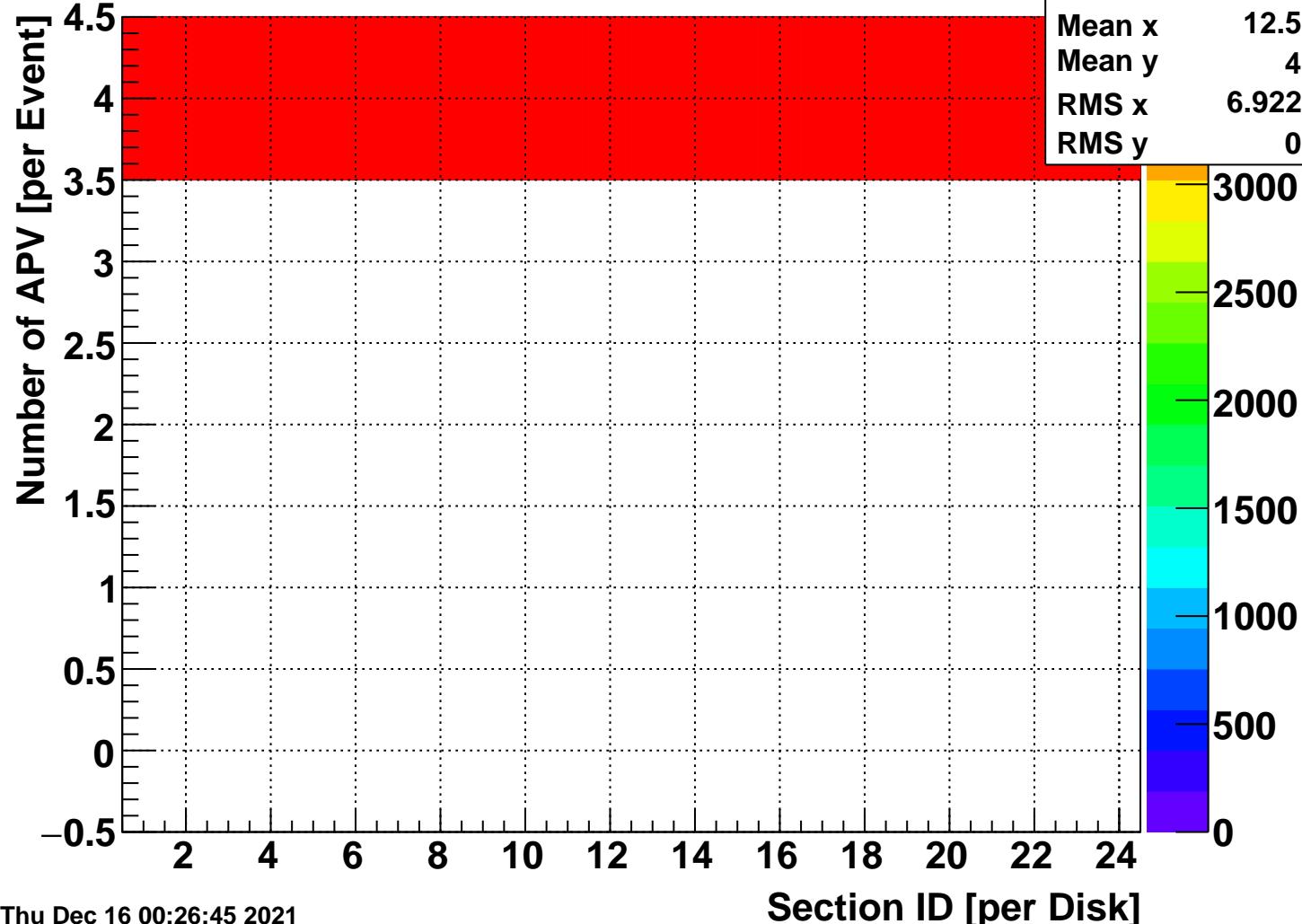
maxTB_ZS_Section_71



Entries 6218
Mean 4.085
RMS 0.63

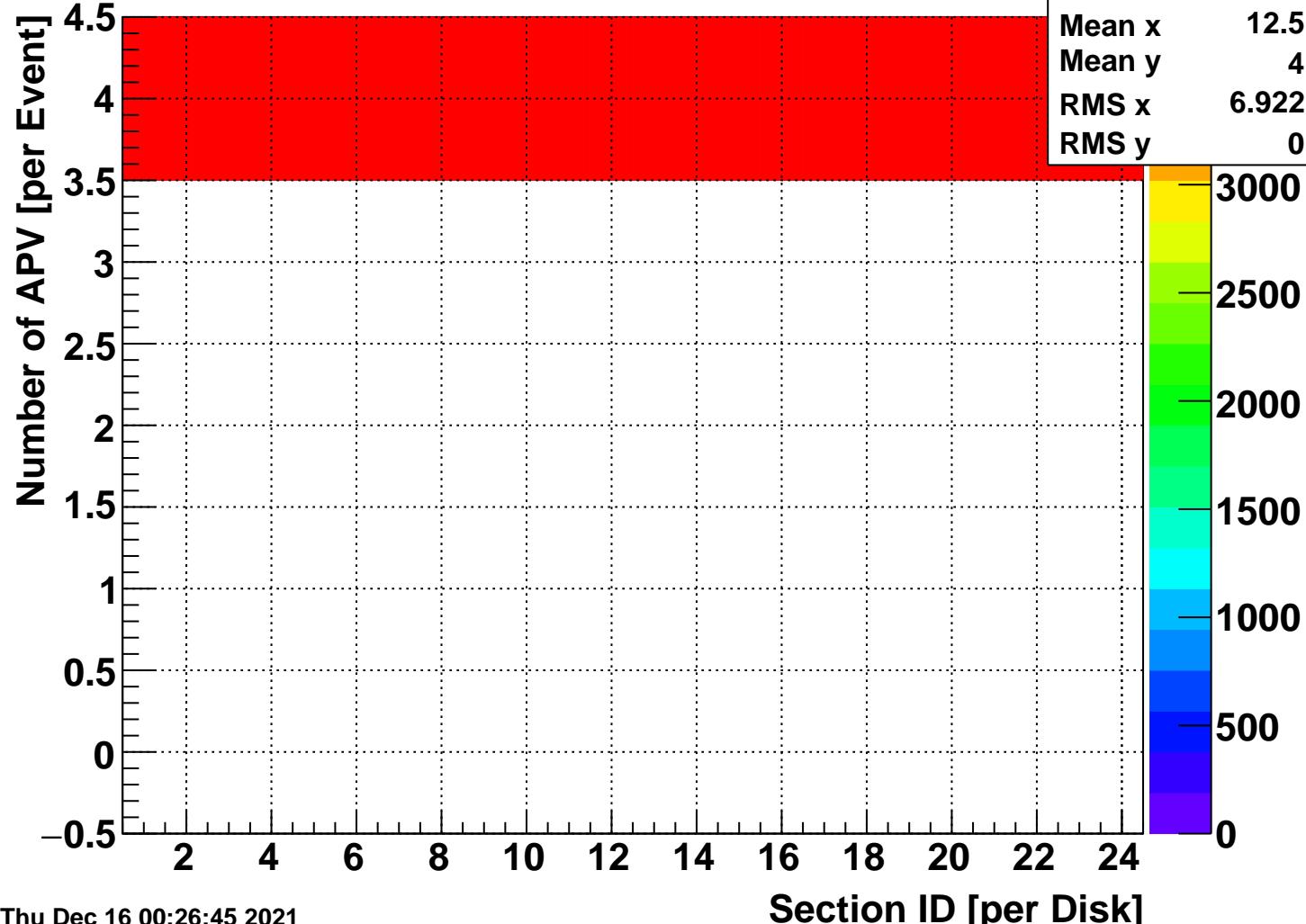
FST - Visible APVs per Module for Disk1

VisibleAPVperModuleDisk1	
Entries	90600
Mean x	12.5
Mean y	4
RMS x	6.922
RMS y	0



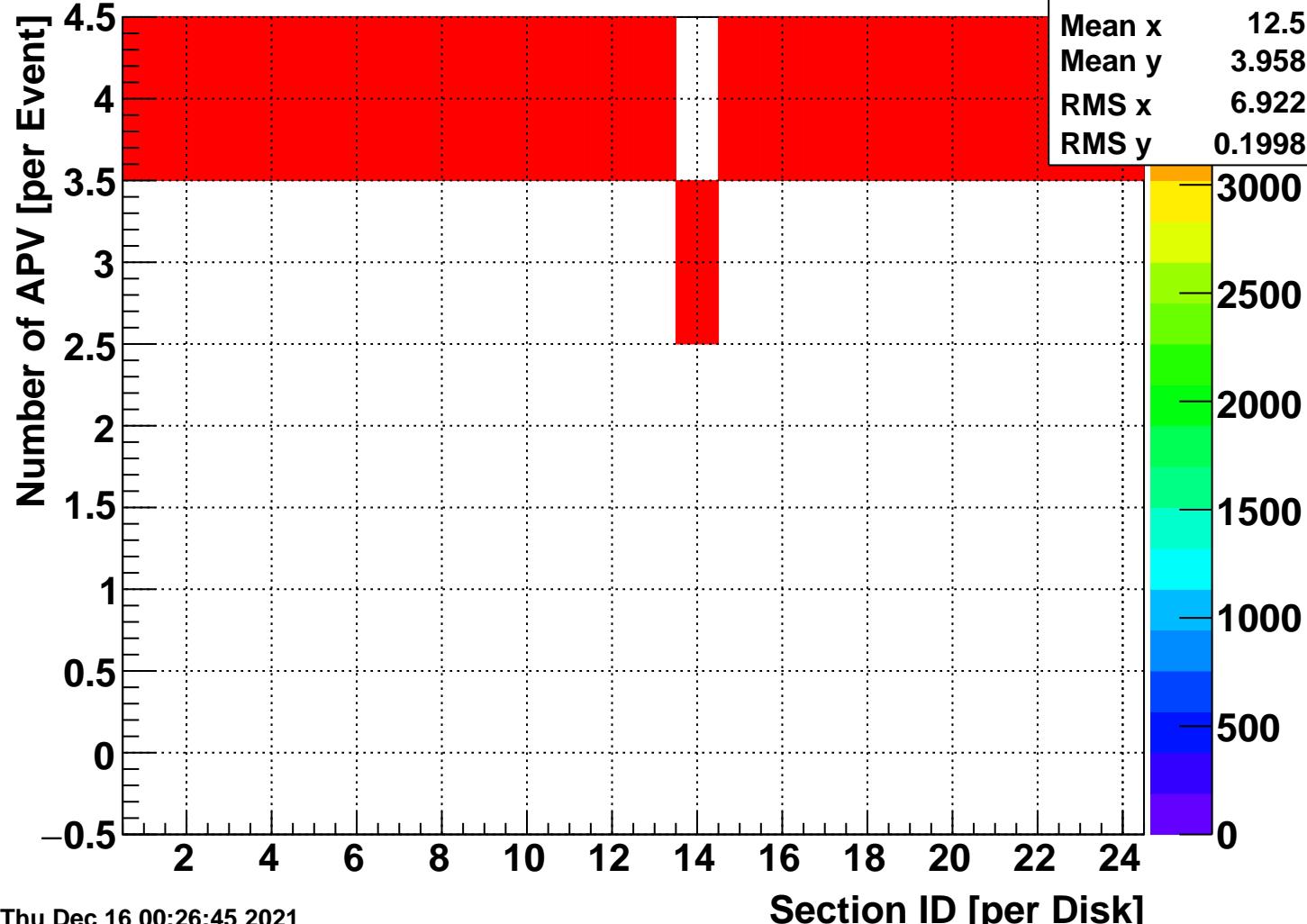
FST - Visible APVs per Module for Disk2

VisibleAPVperModuleDisk2	
Entries	90600
Mean x	12.5
Mean y	4
RMS x	6.922
RMS y	0

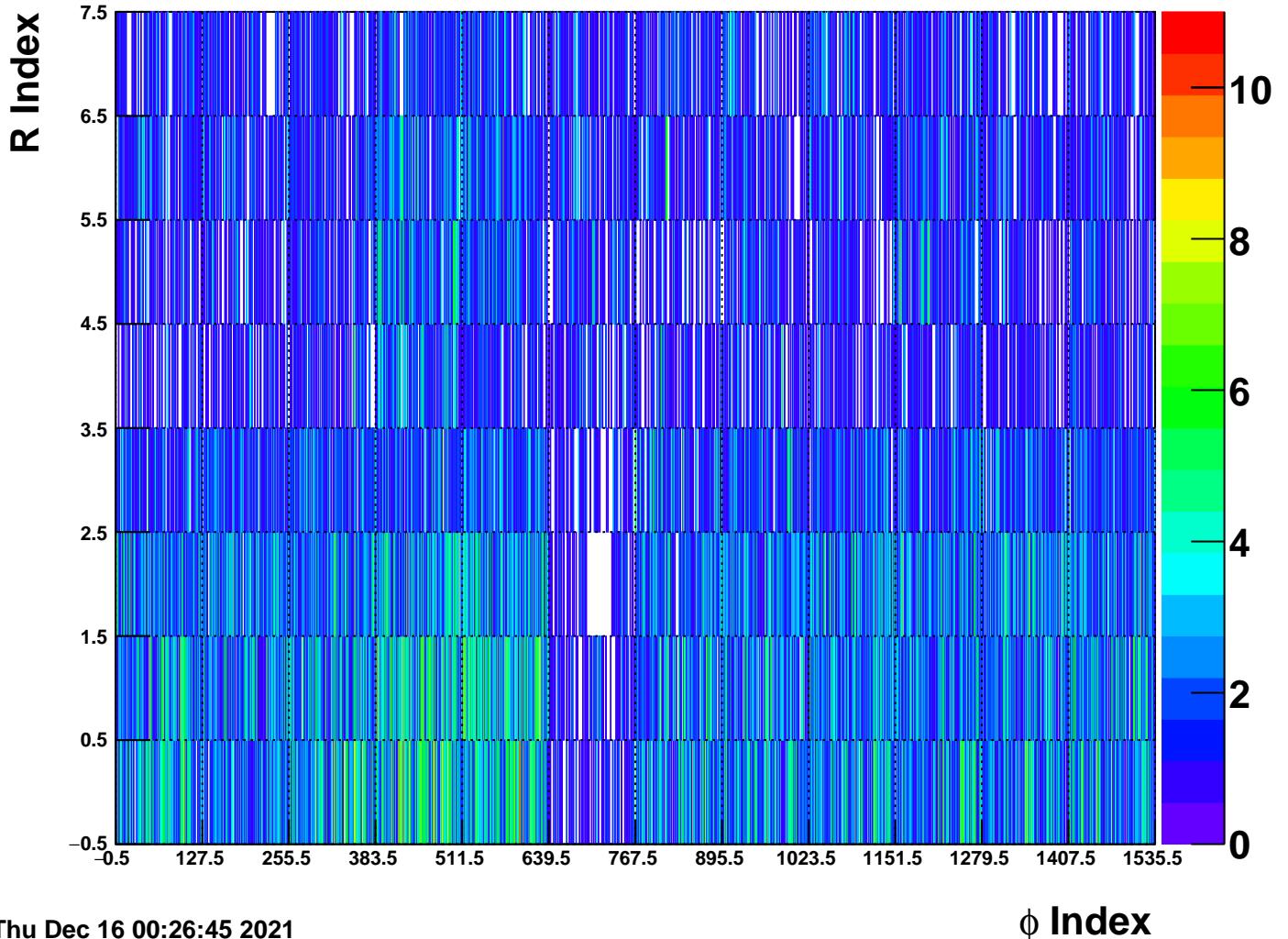


FST - Visible APVs per Module for Disk3

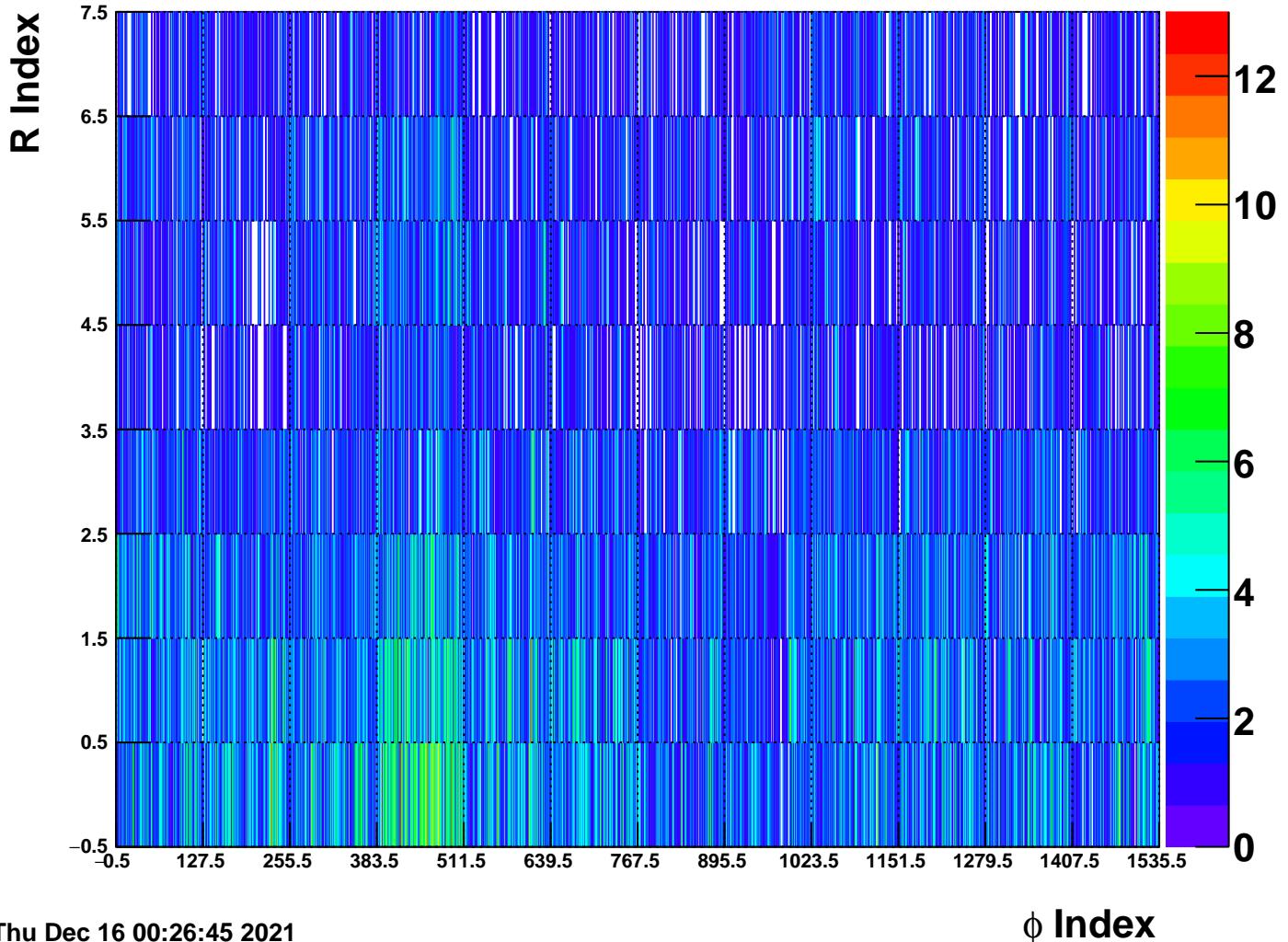
VisibleAPVperModuleDisk3	
Entries	90600
Mean x	12.5
Mean y	3.958
RMS x	6.922
RMS y	0.1998



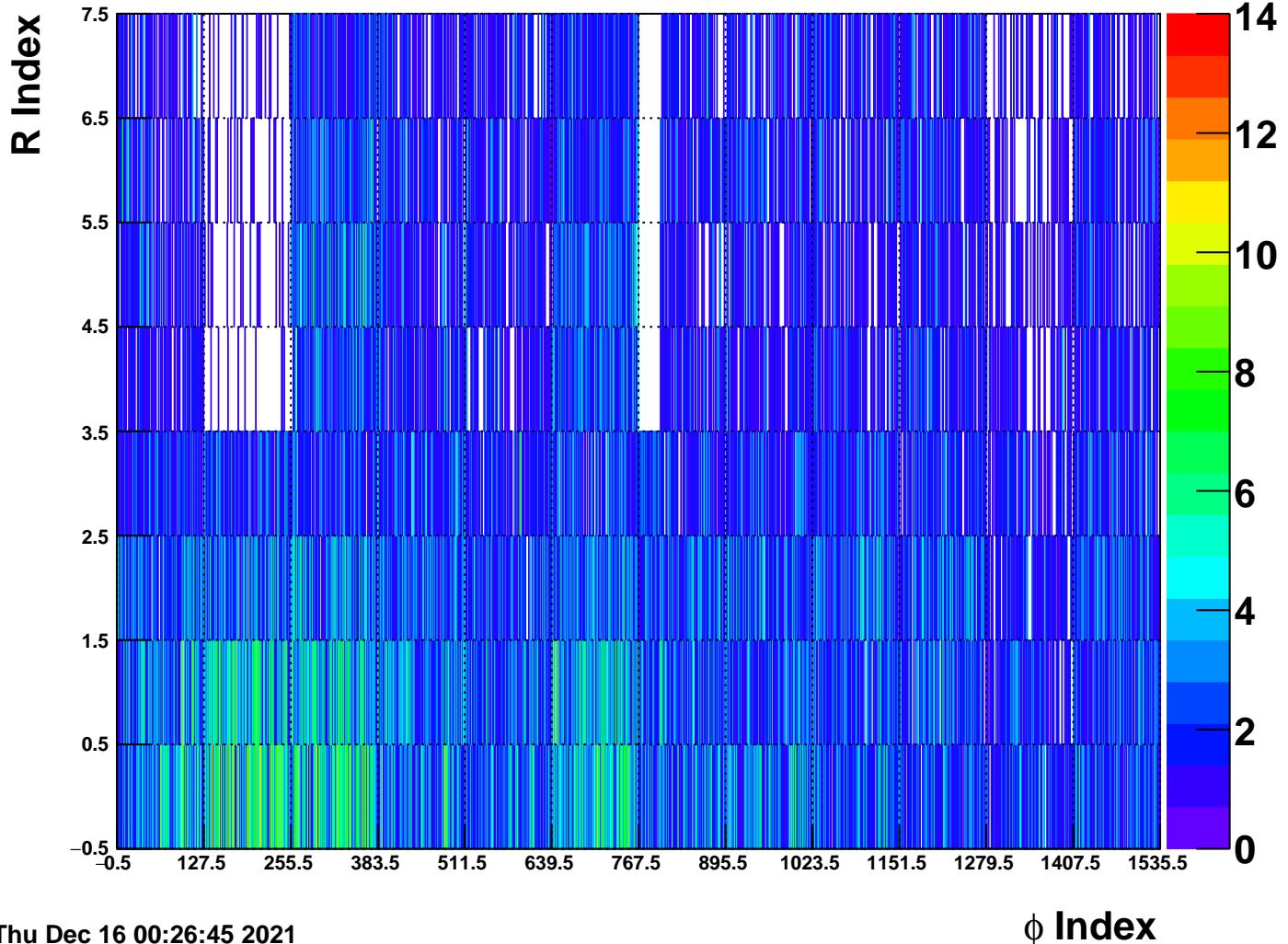
FST - Hit map (non-ZS) for Disk1



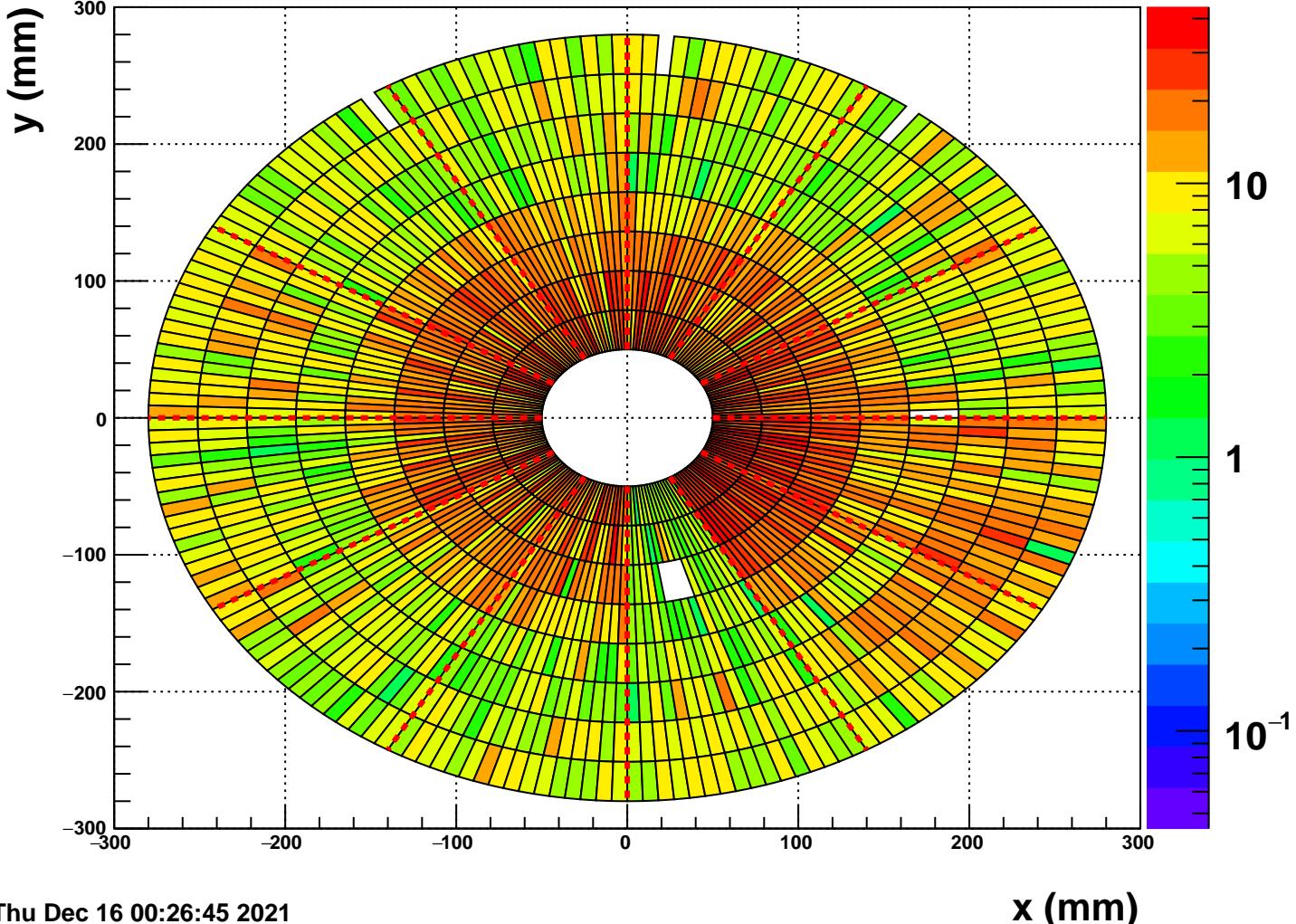
FST - Hit map (non-ZS) for Disk2



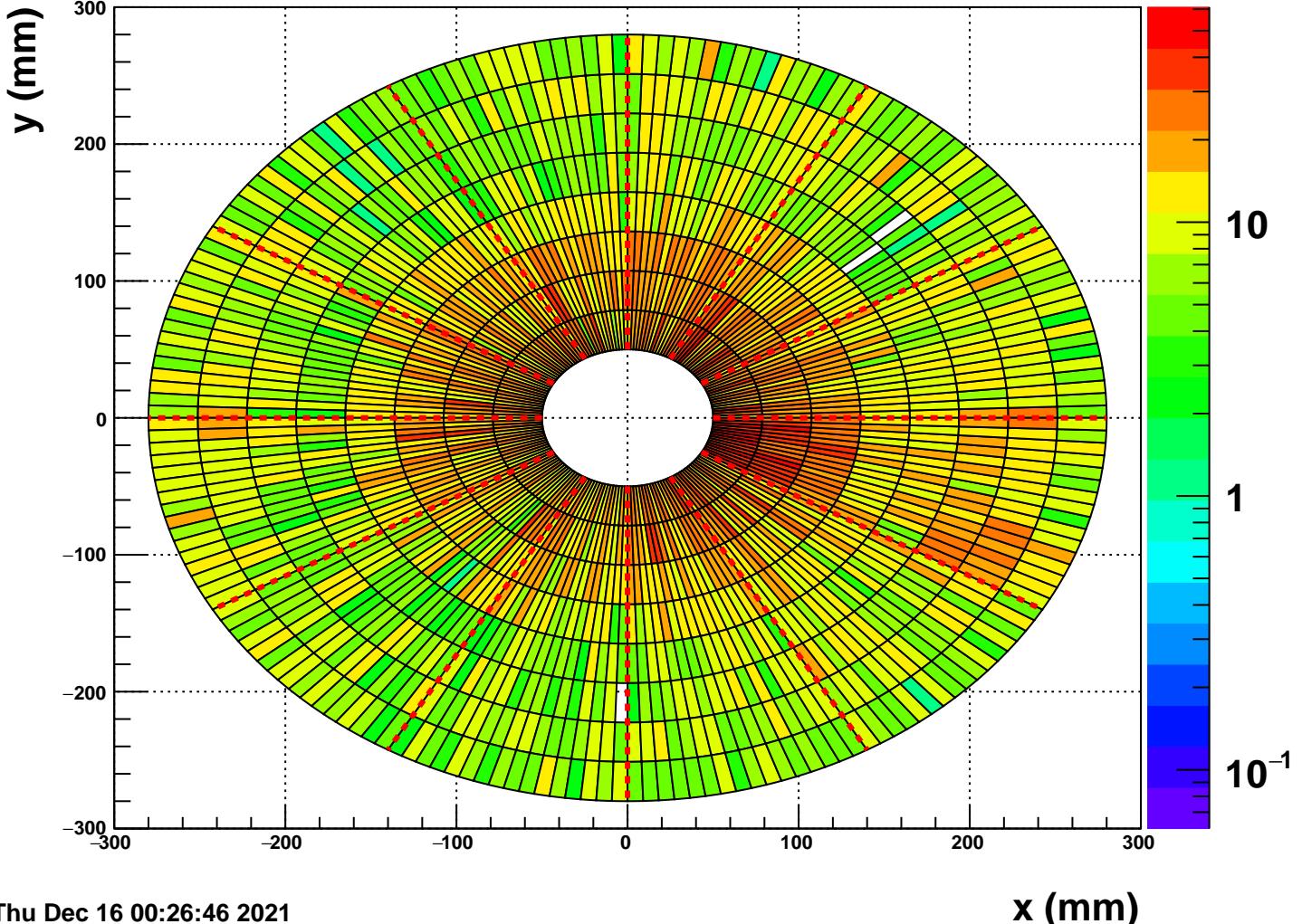
FST - Hit map (non-ZS) for Disk3



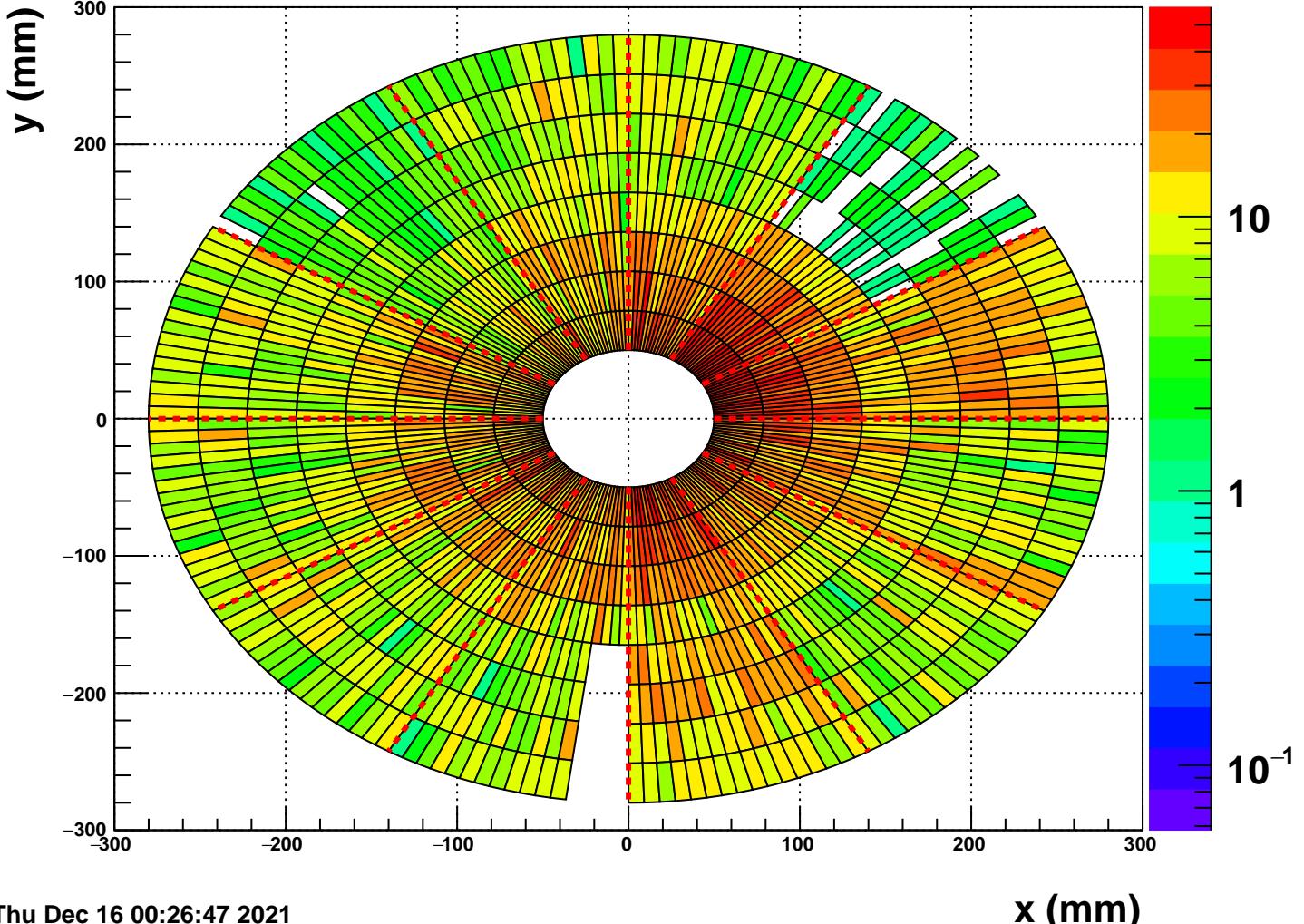
FST - Hit Map Display (non-ZS) for Disk1



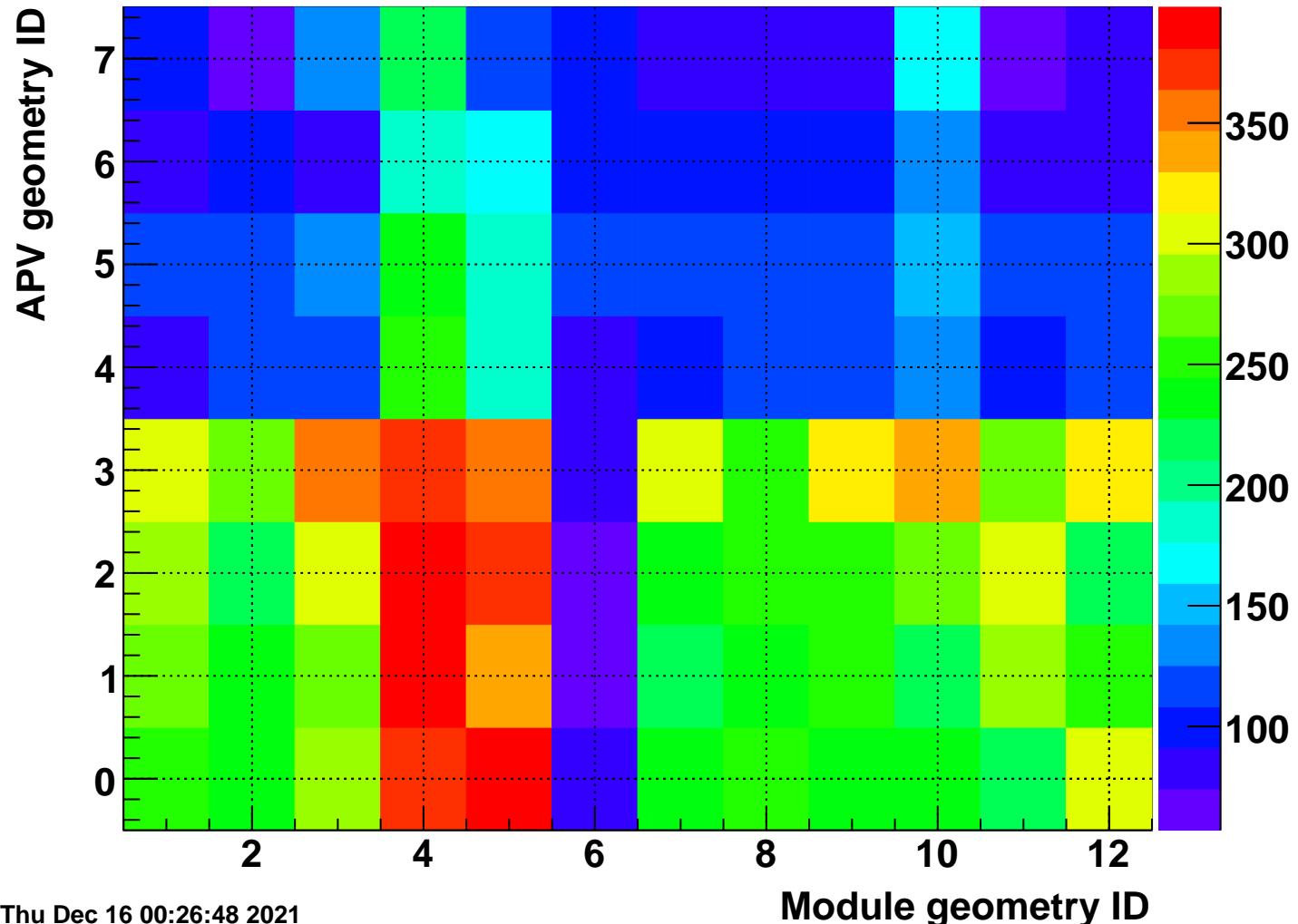
FST - Hit Map Display (non-ZS) for Disk2



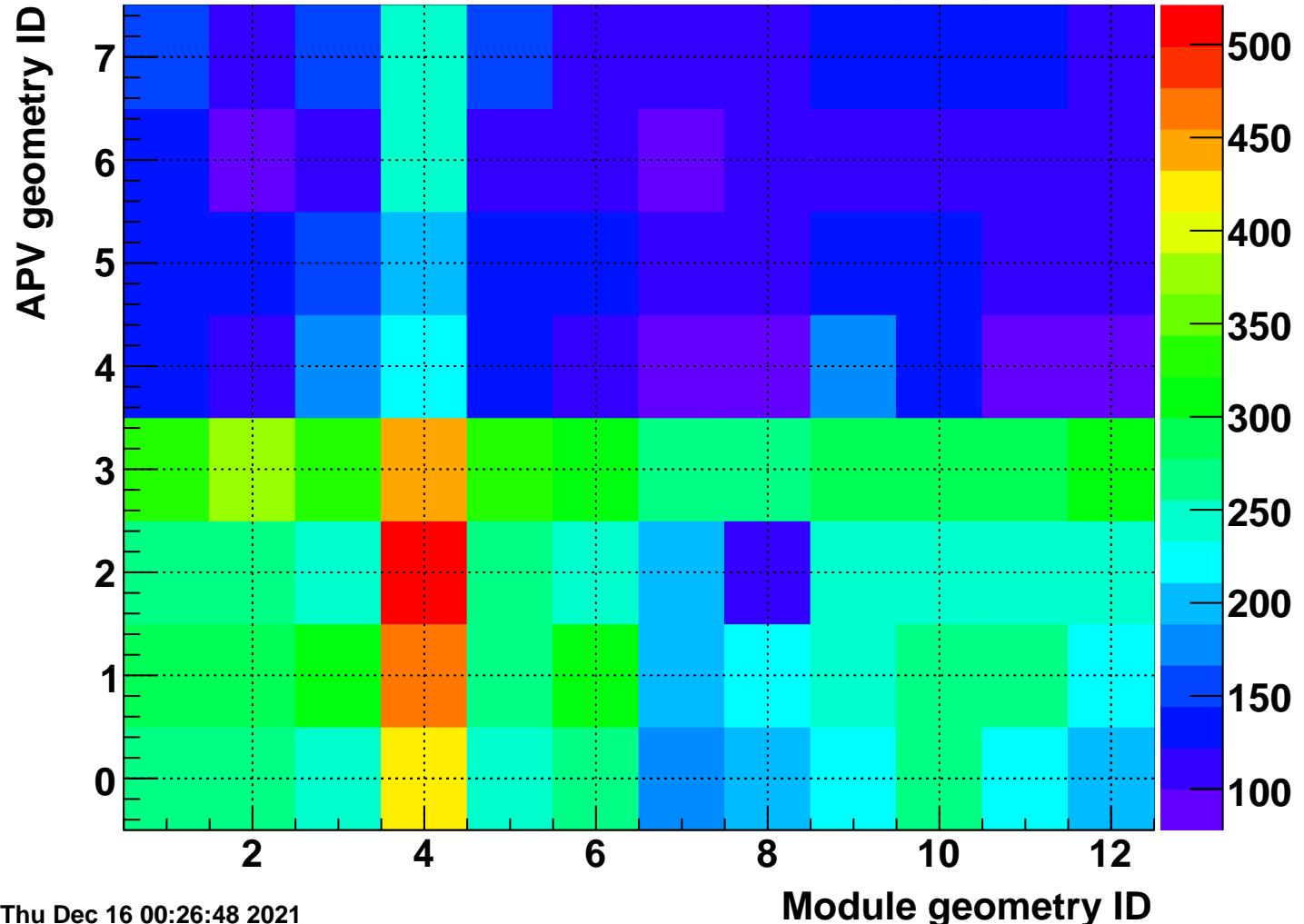
FST - Hit Map Display (non-ZS) for Disk3



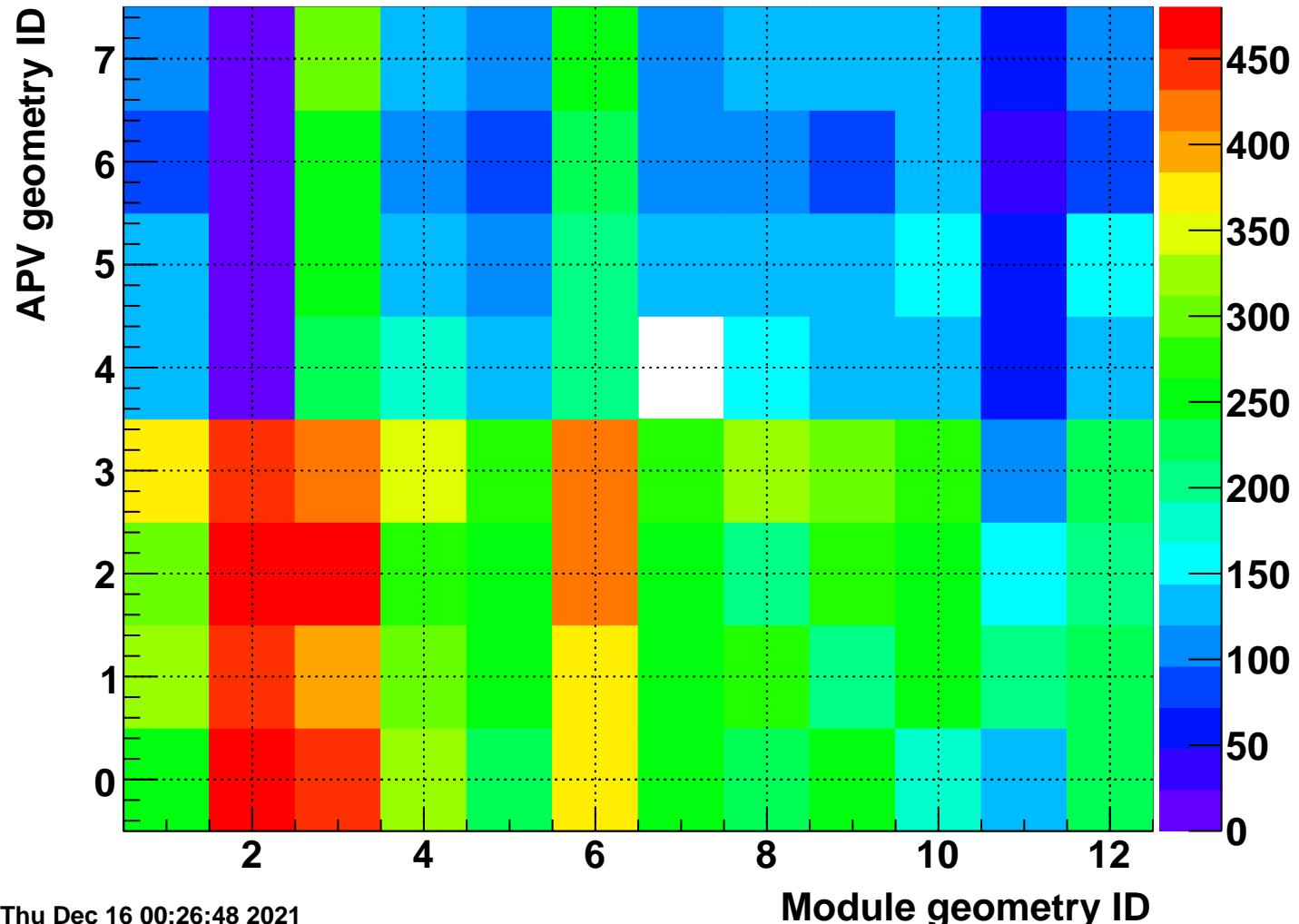
FST - Hit map in Module vs APV (non-ZS) for Disk1



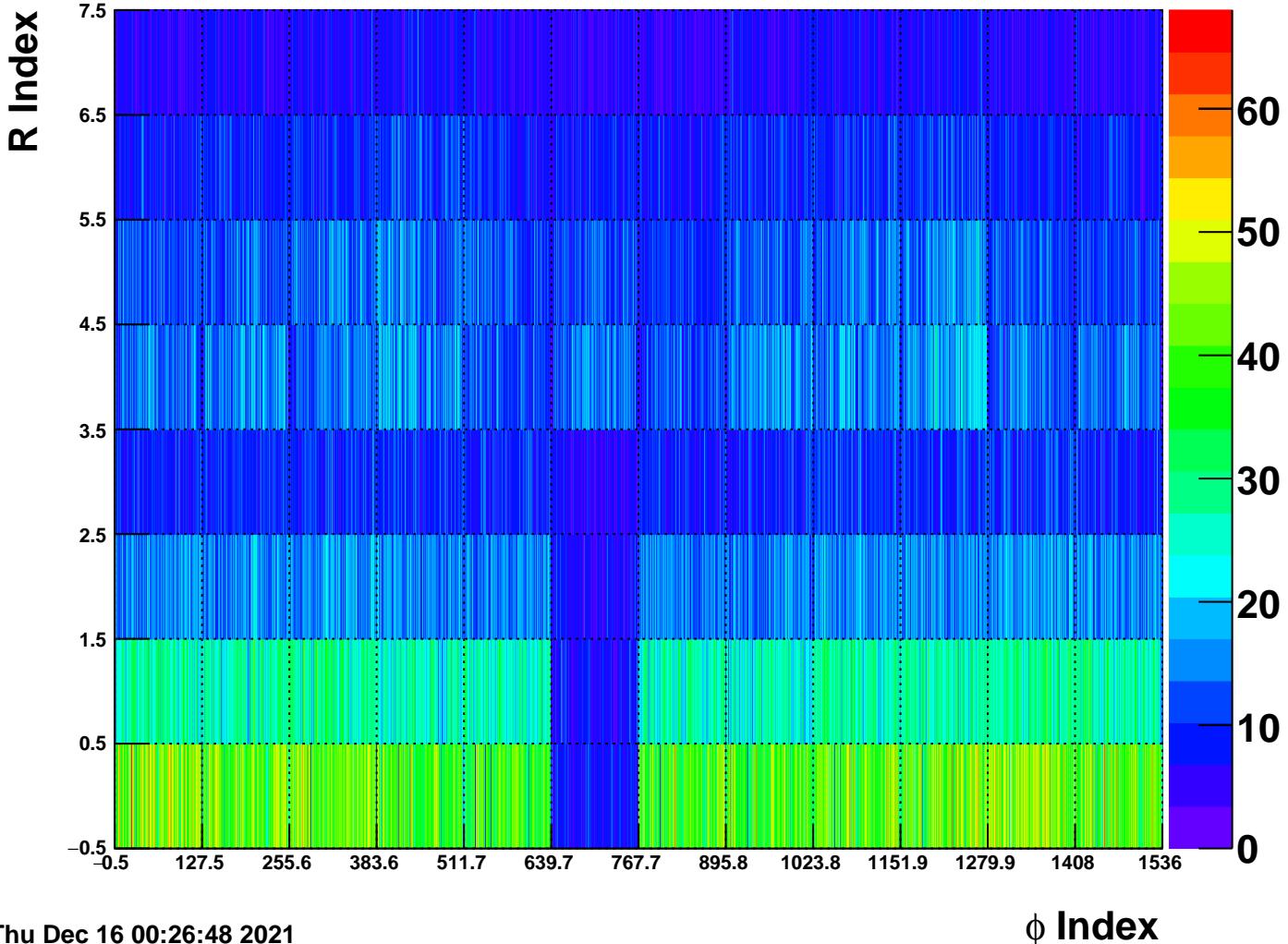
FST - Hit map in Module vs APV (non-ZS) for Disk2



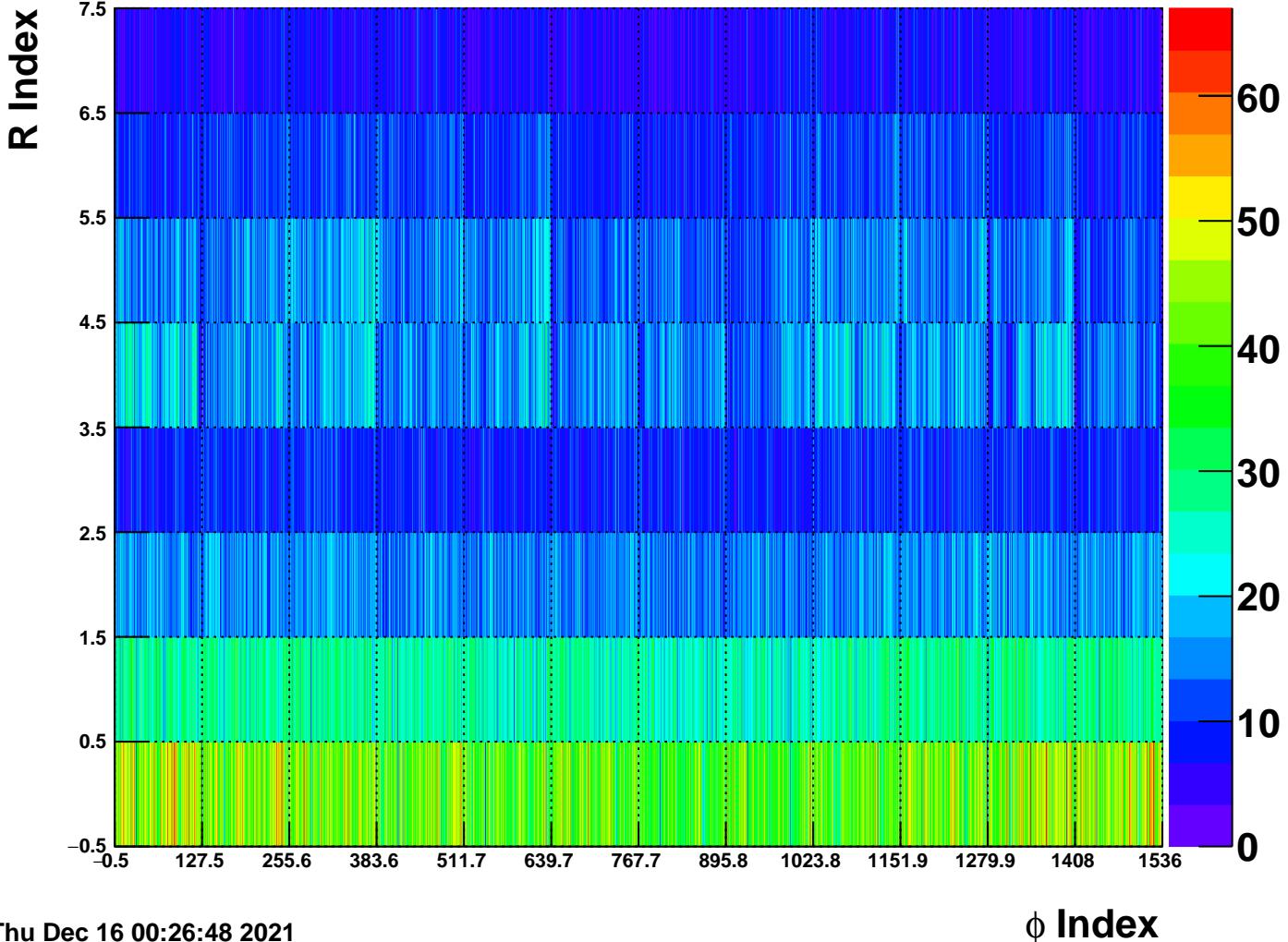
FST - Hit map in Module vs APV (non-ZS) for Disk3



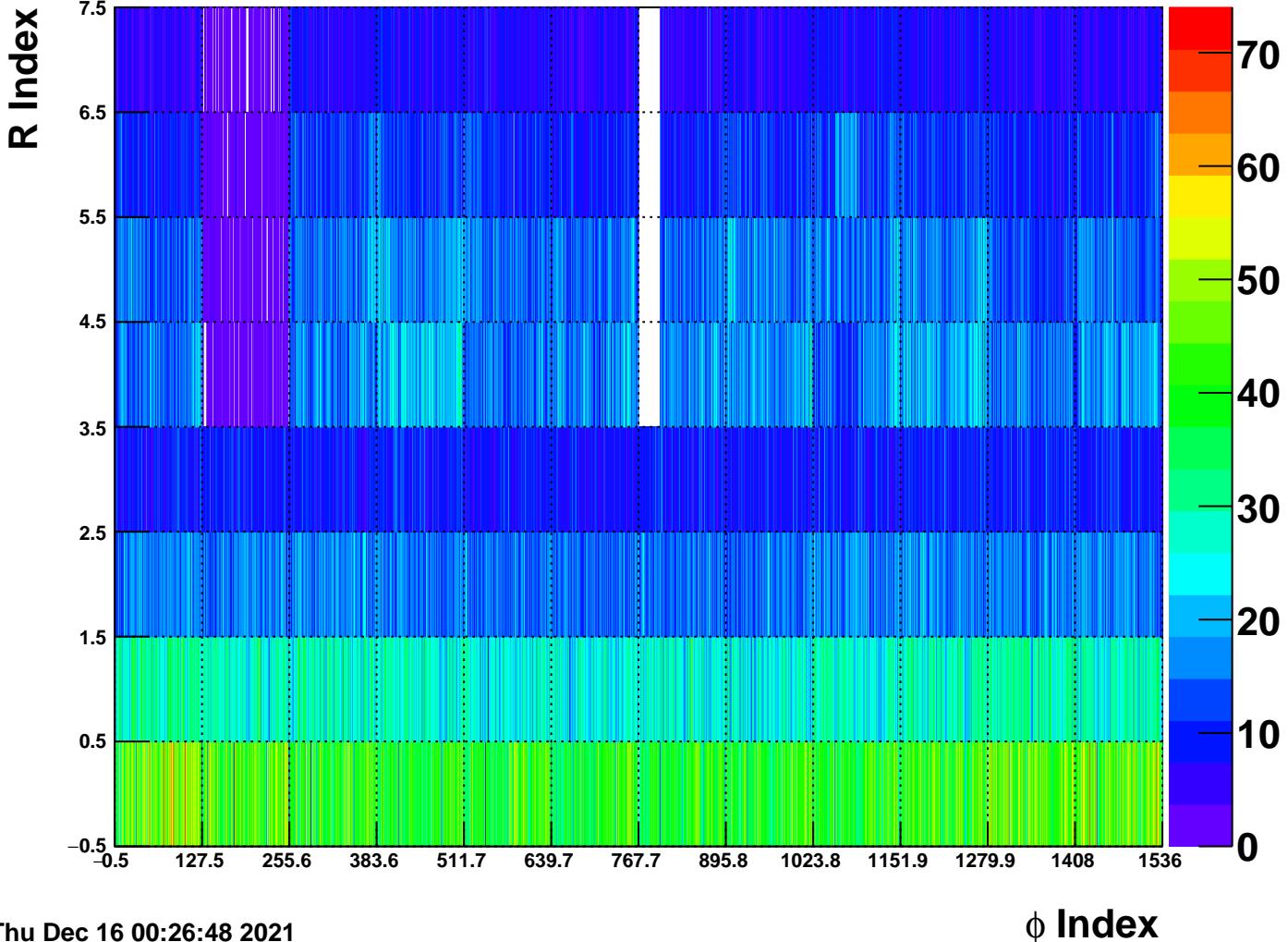
FST - Hit map (ZS) for Disk1



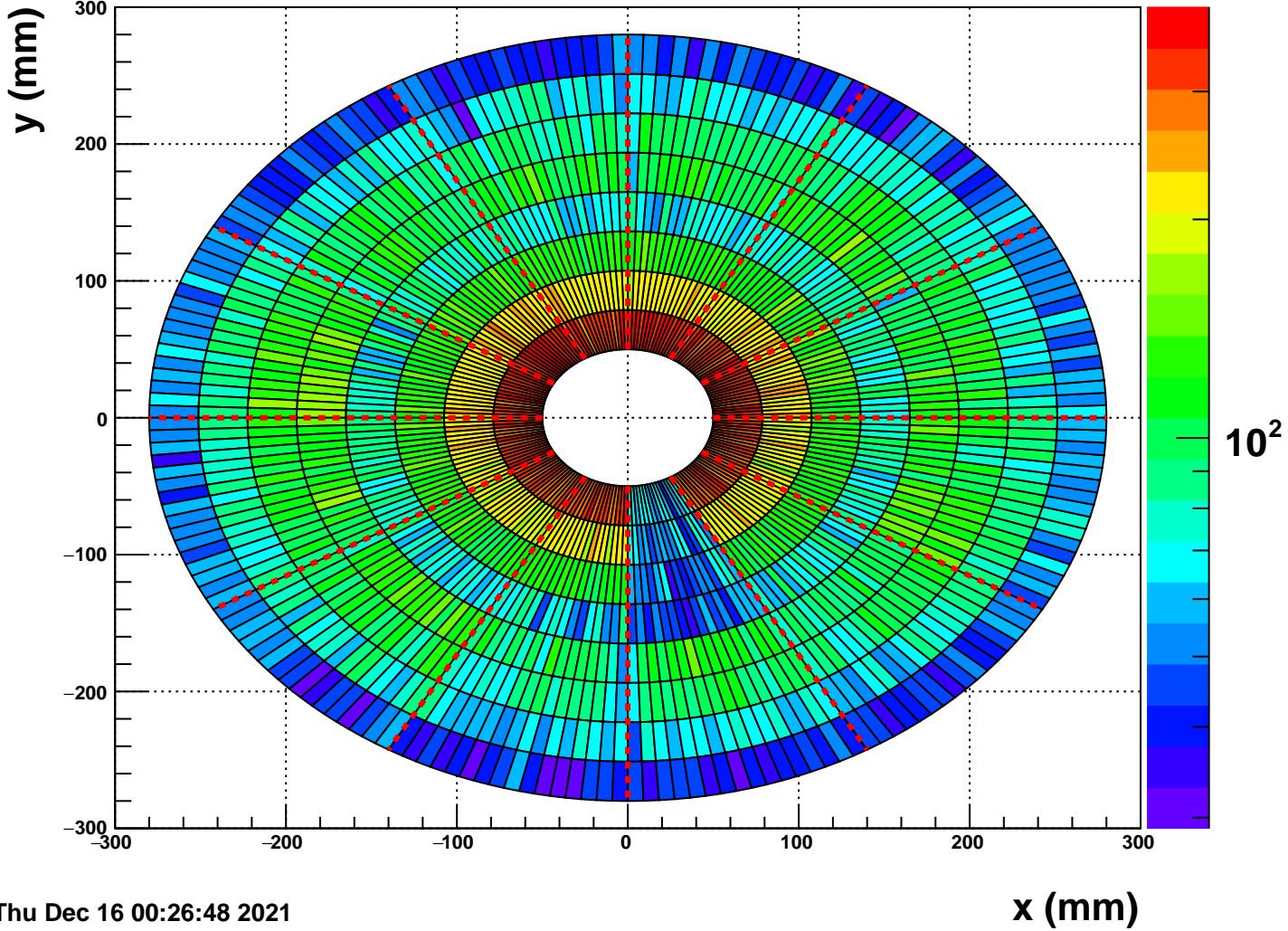
FST - Hit map (ZS) for Disk2



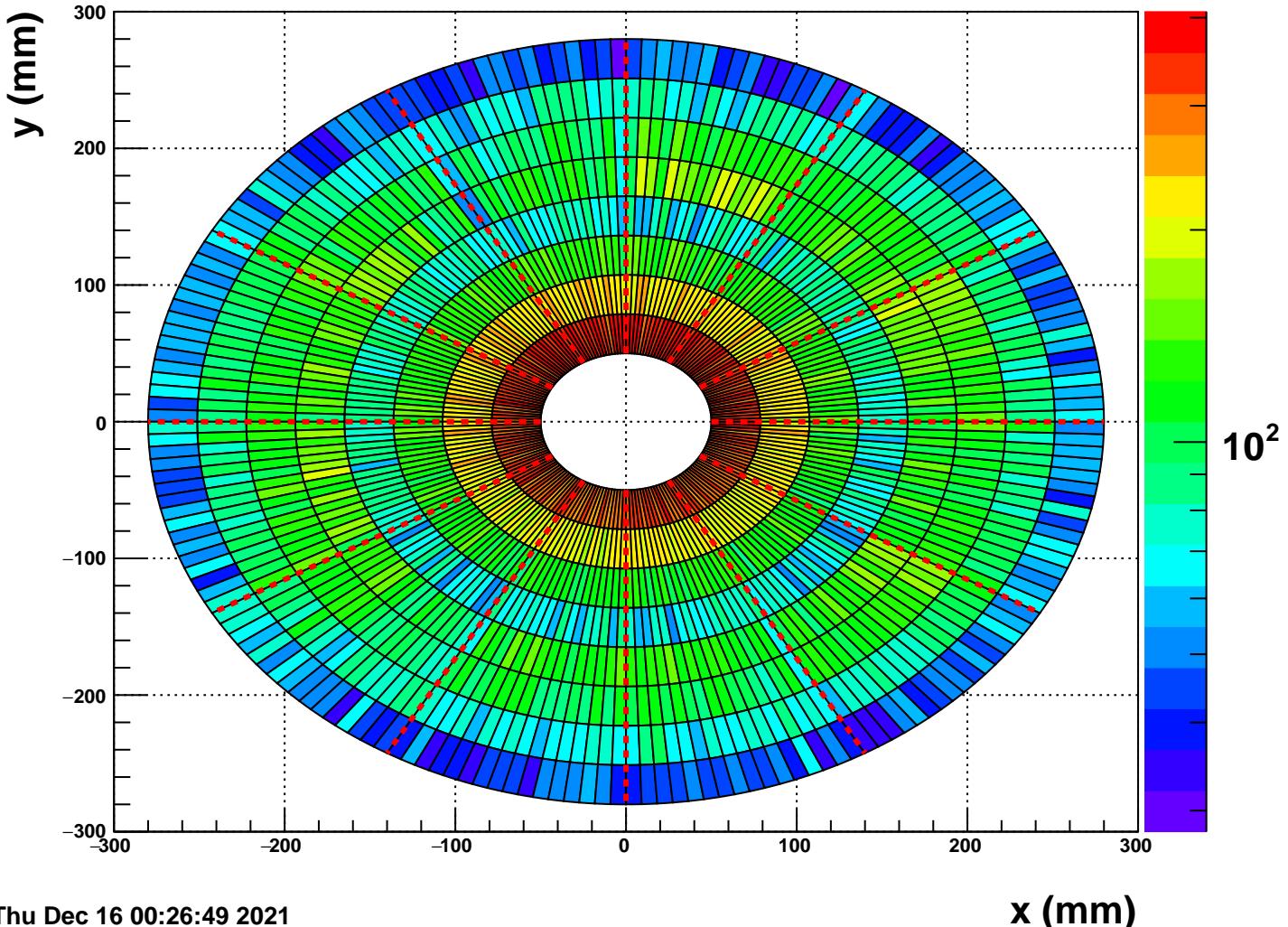
FST - Hit map (ZS) for Disk3



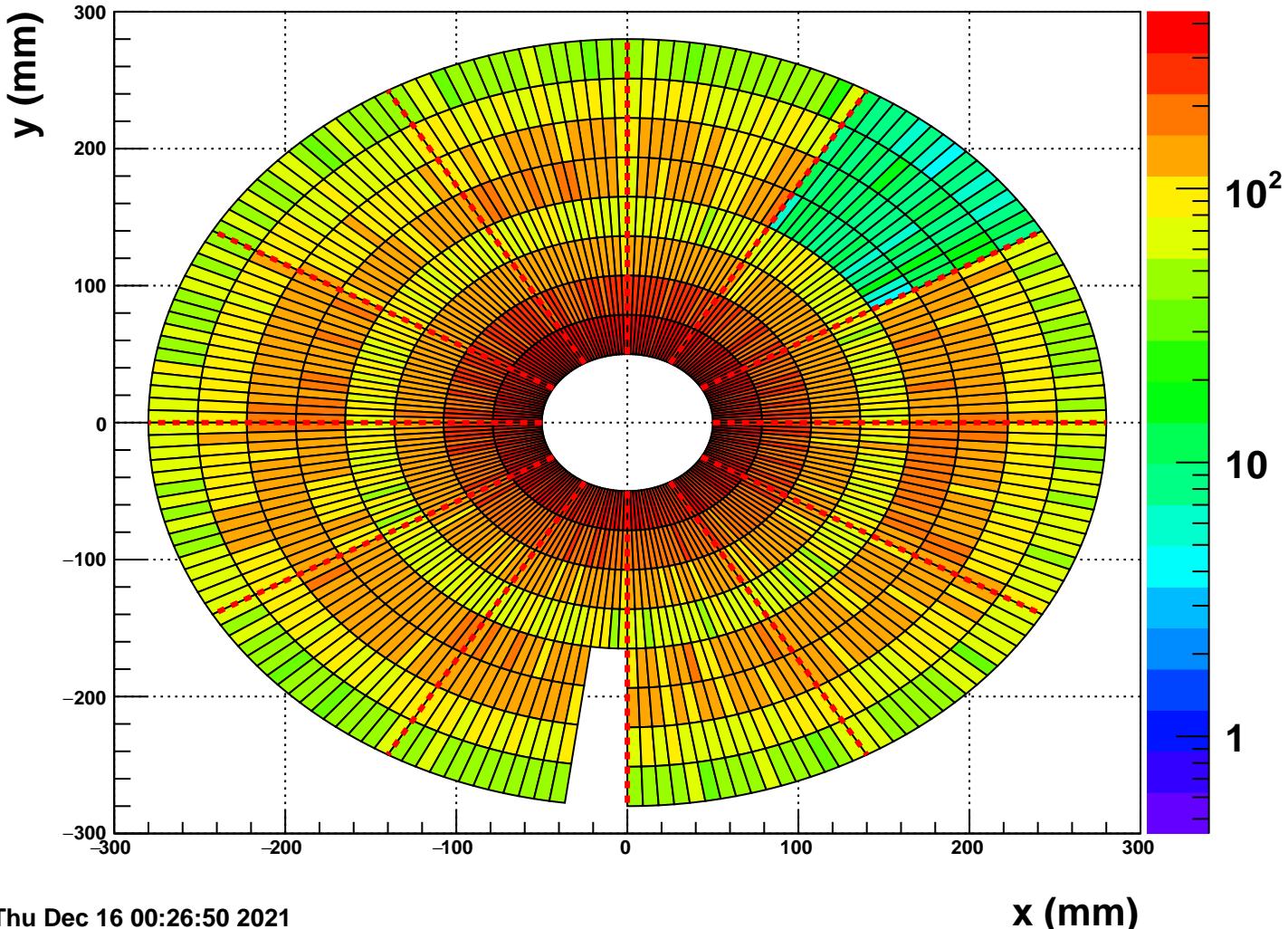
FST - Hit Map Display (ZS) for Disk1



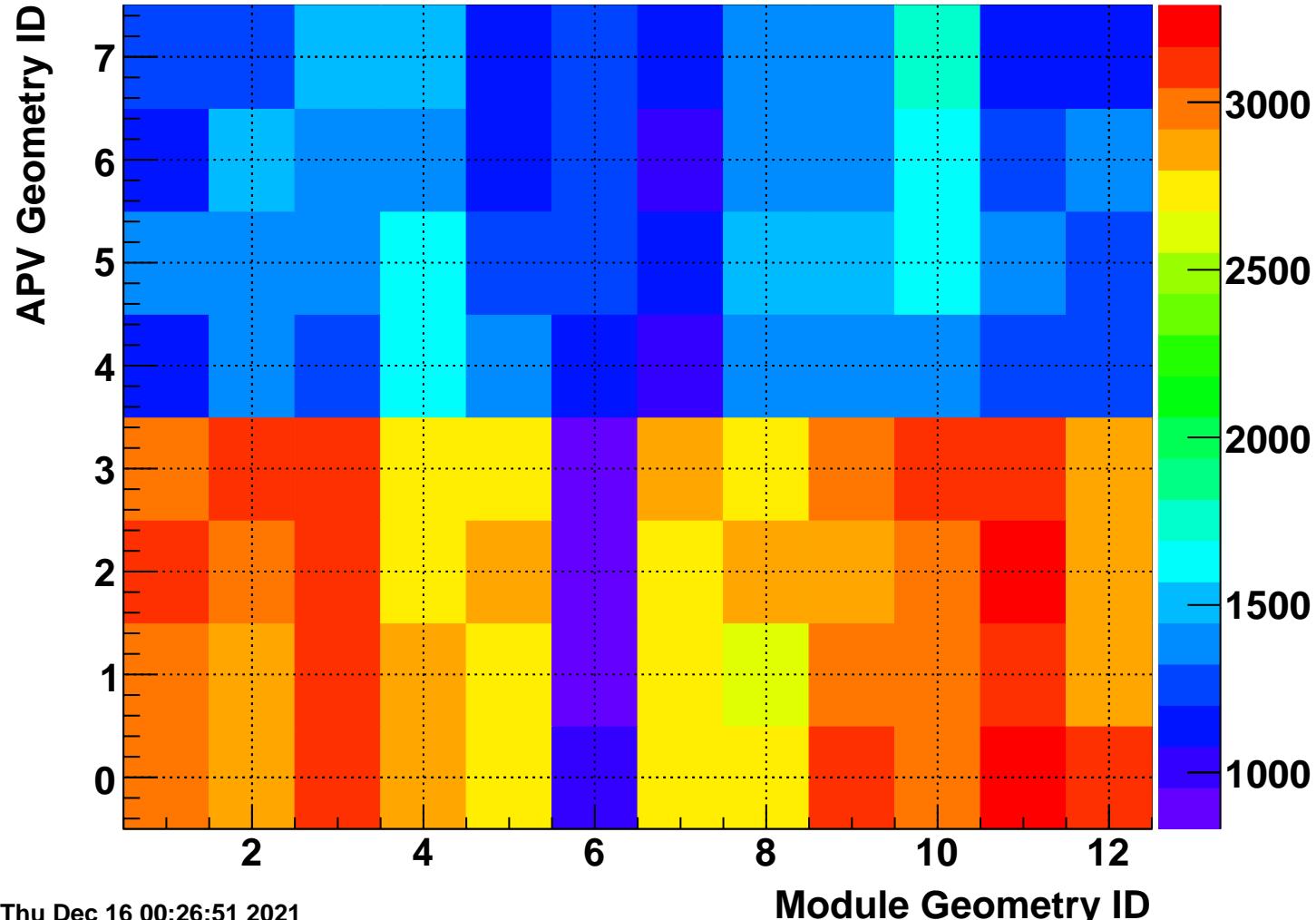
FST - Hit Map Display (ZS) for Disk2



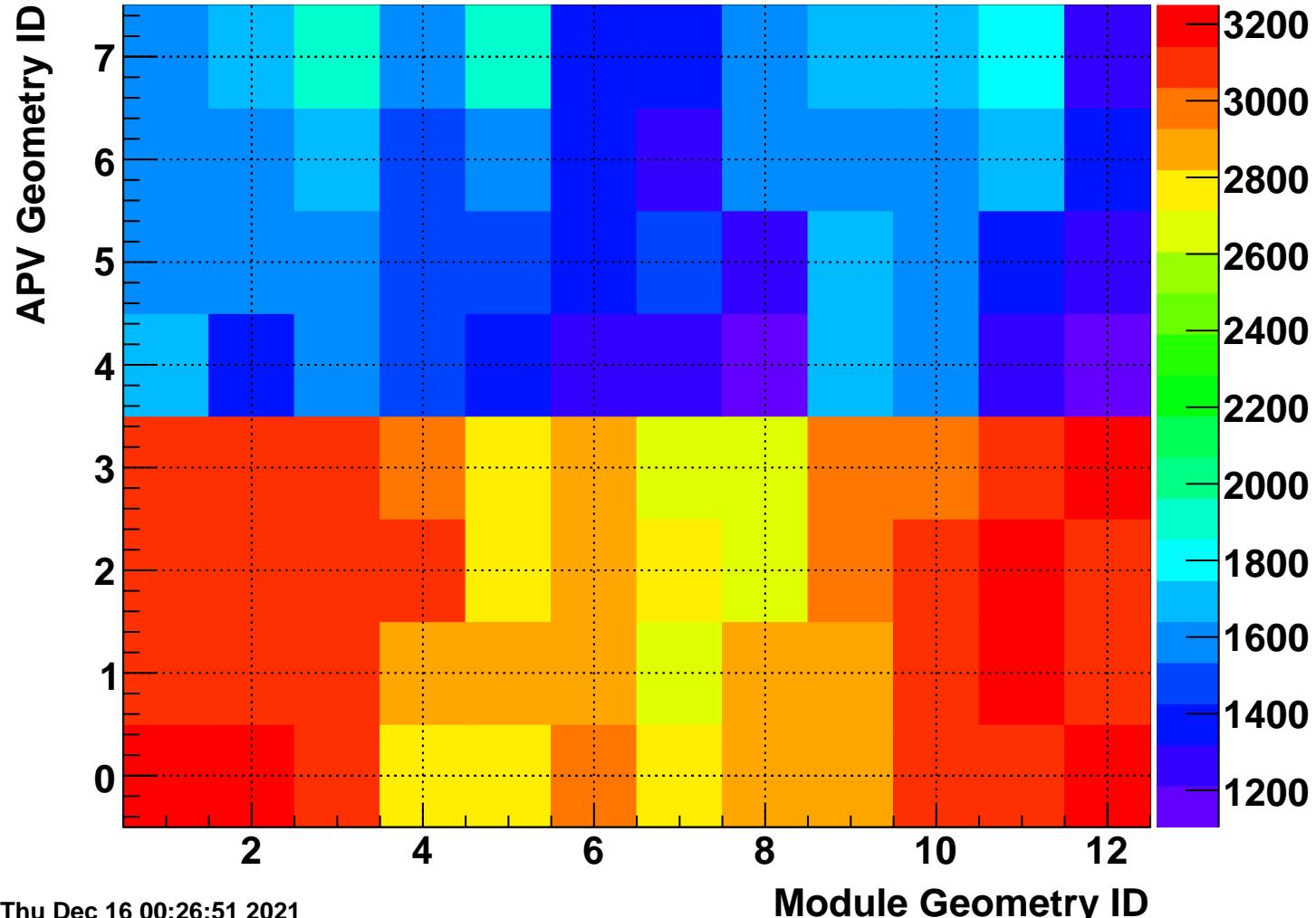
FST - Hit Map Display (ZS) for Disk3



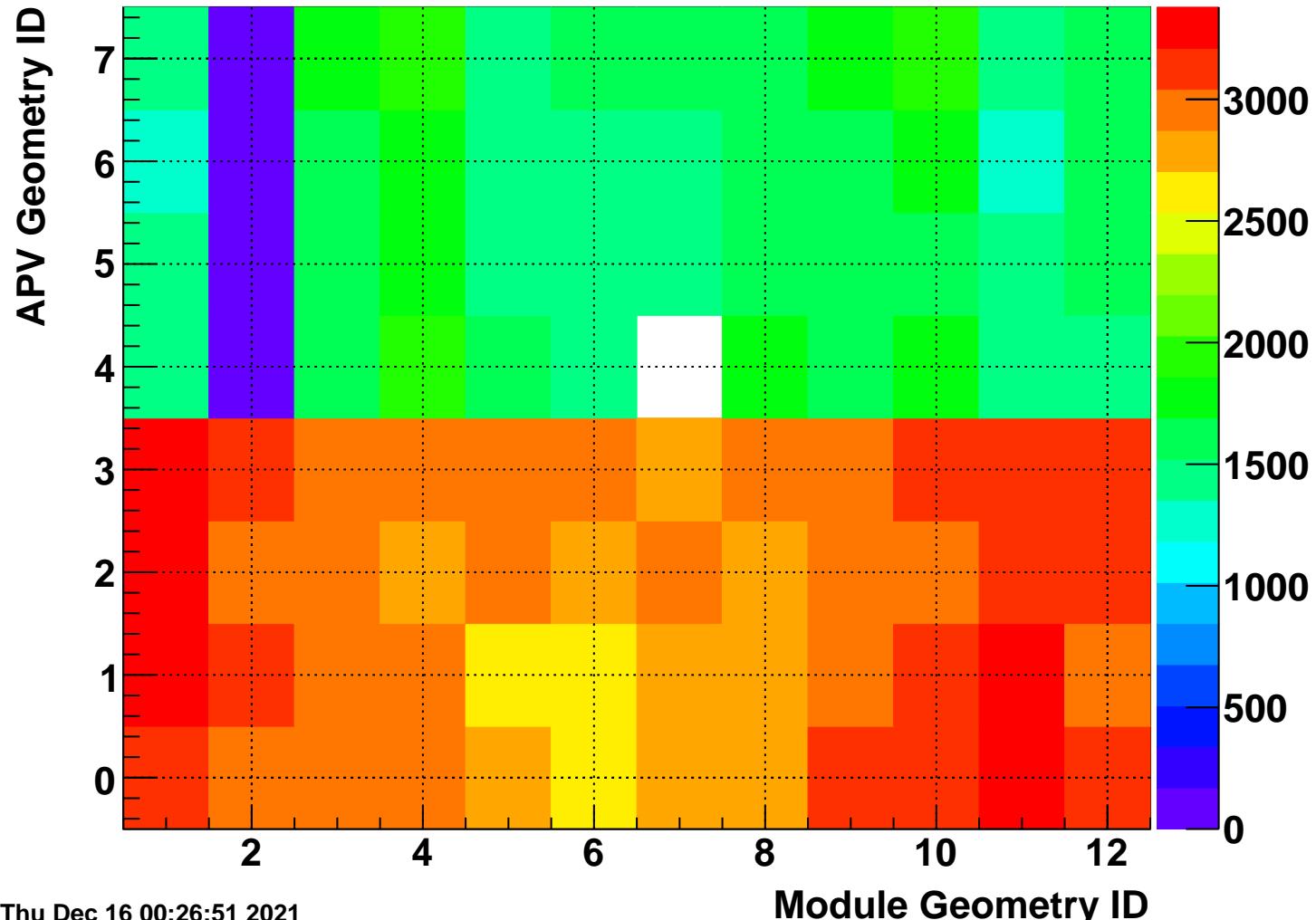
FST - Hit map in Module vs APV (ZS) for Disk1



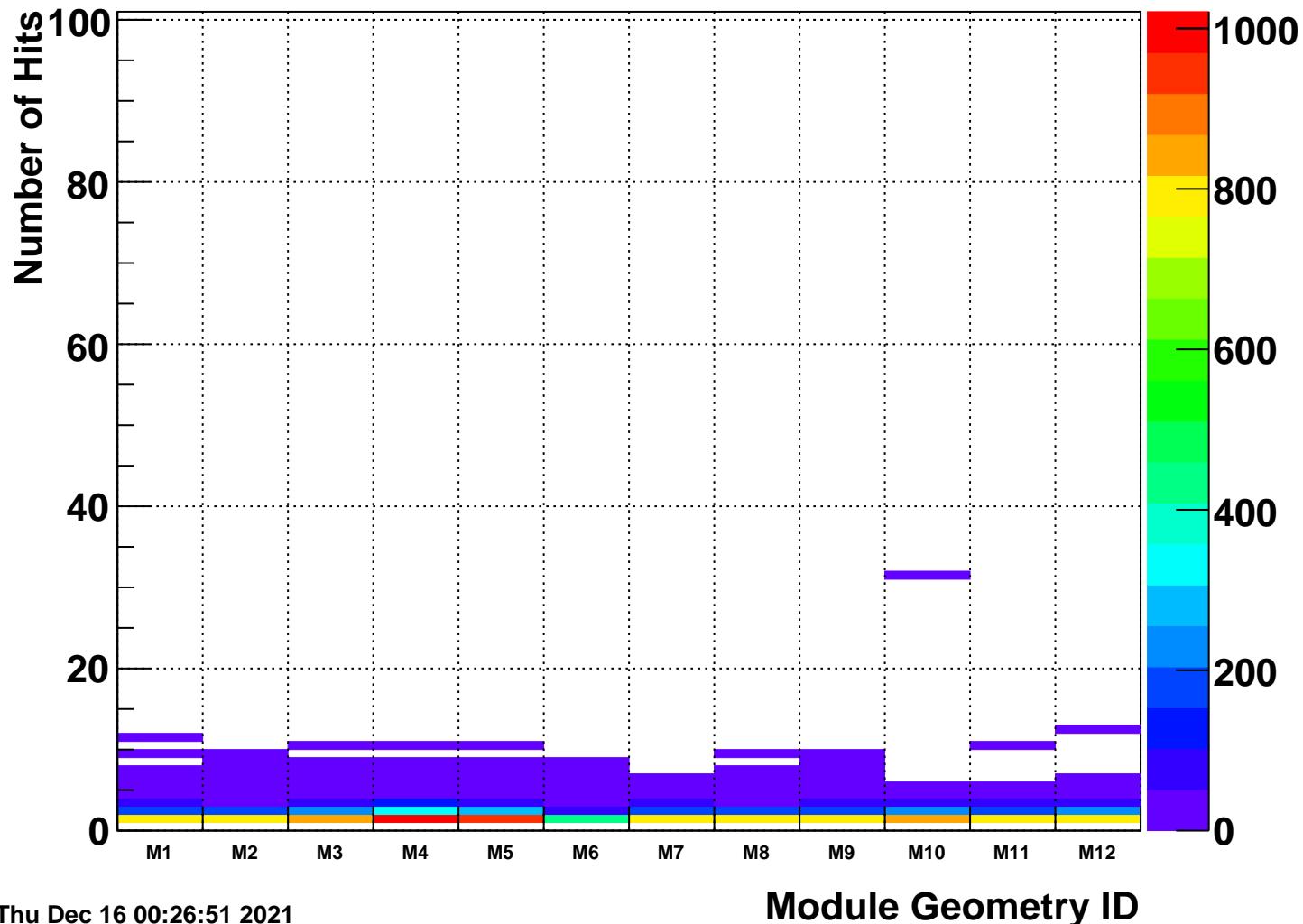
FST - Hit map in Module vs APV (ZS) for Disk2



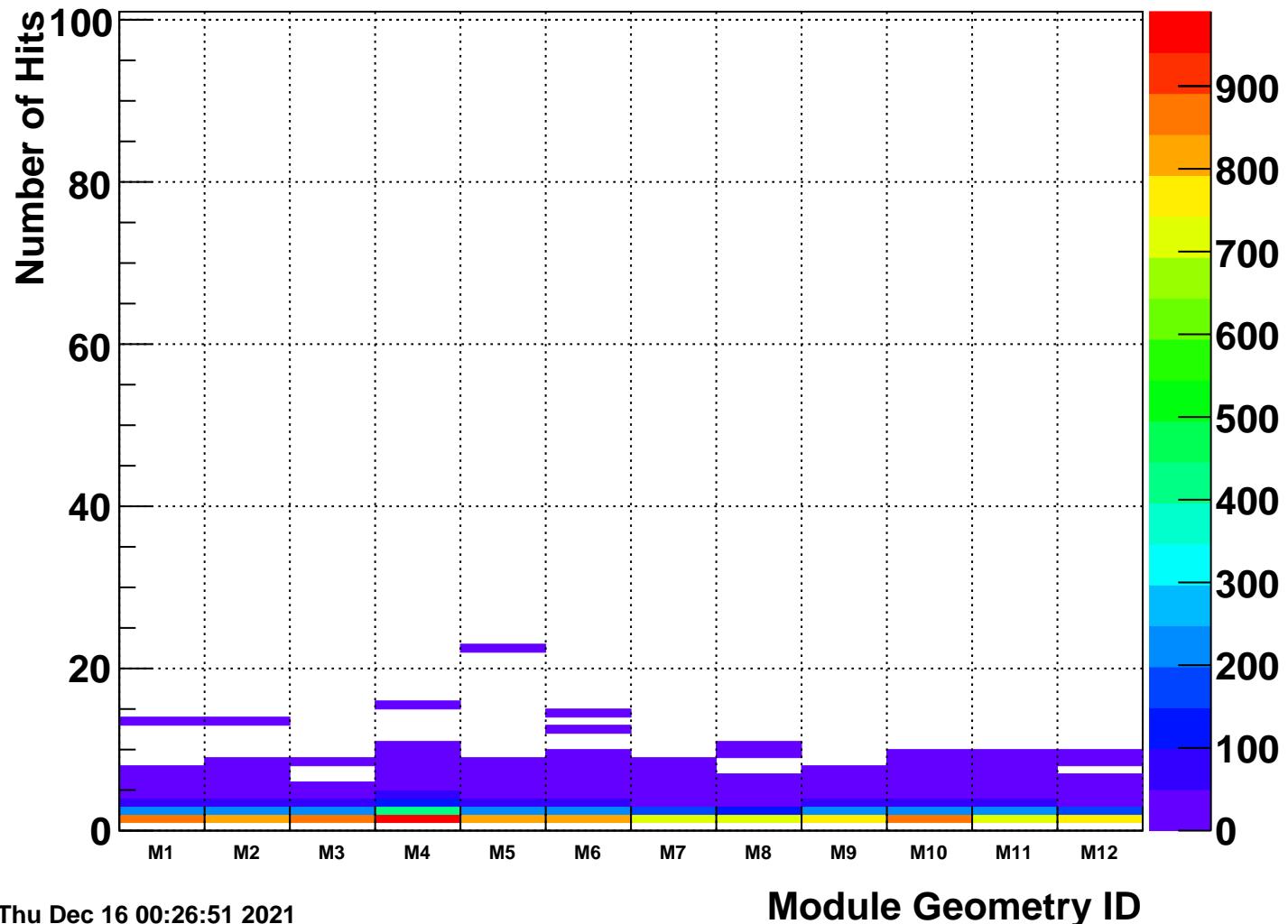
FST - Hit map in Module vs APV (ZS) for Disk3



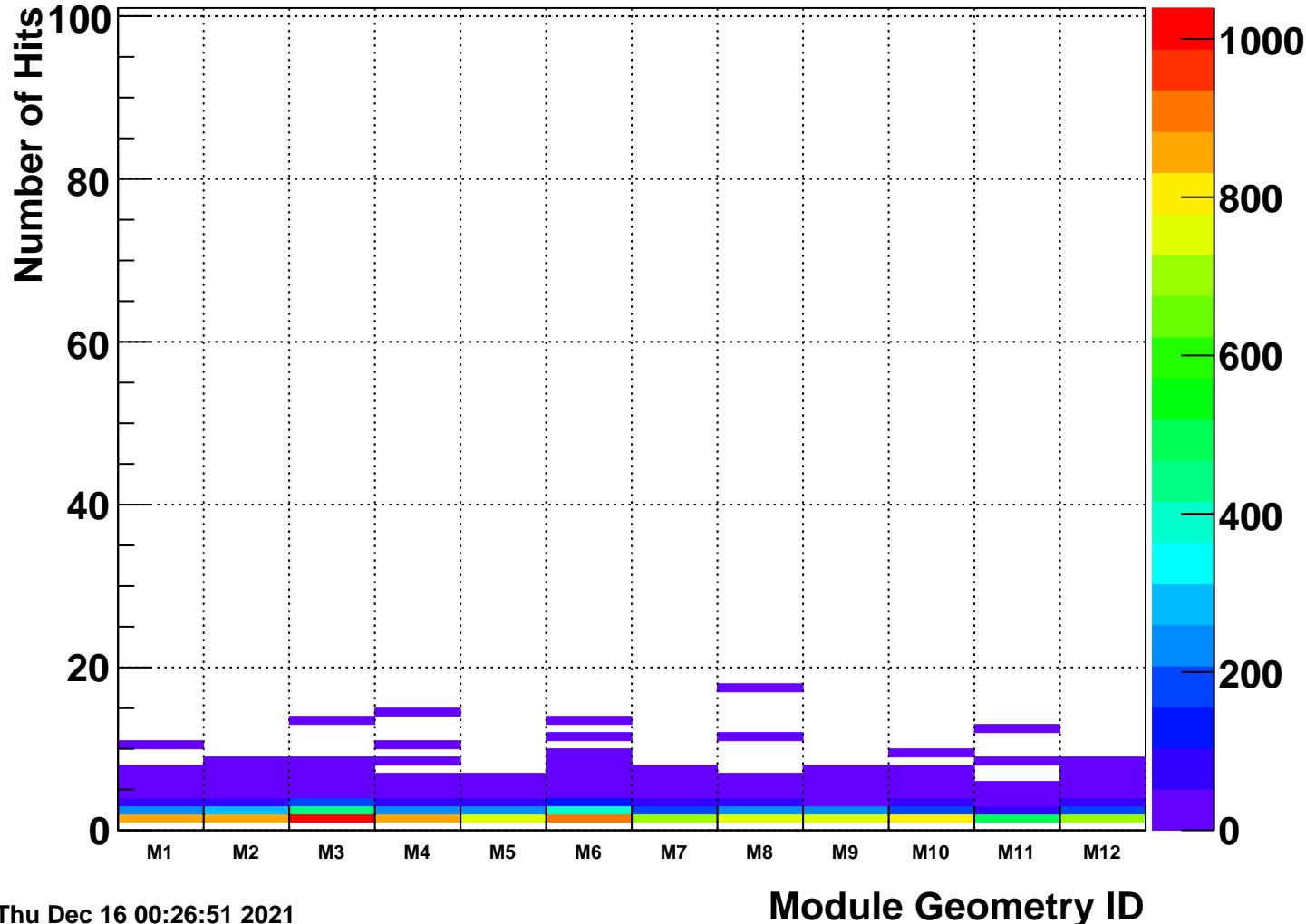
FST - Hit Multiplicity (non-ZS) vs Module Id for Disk1



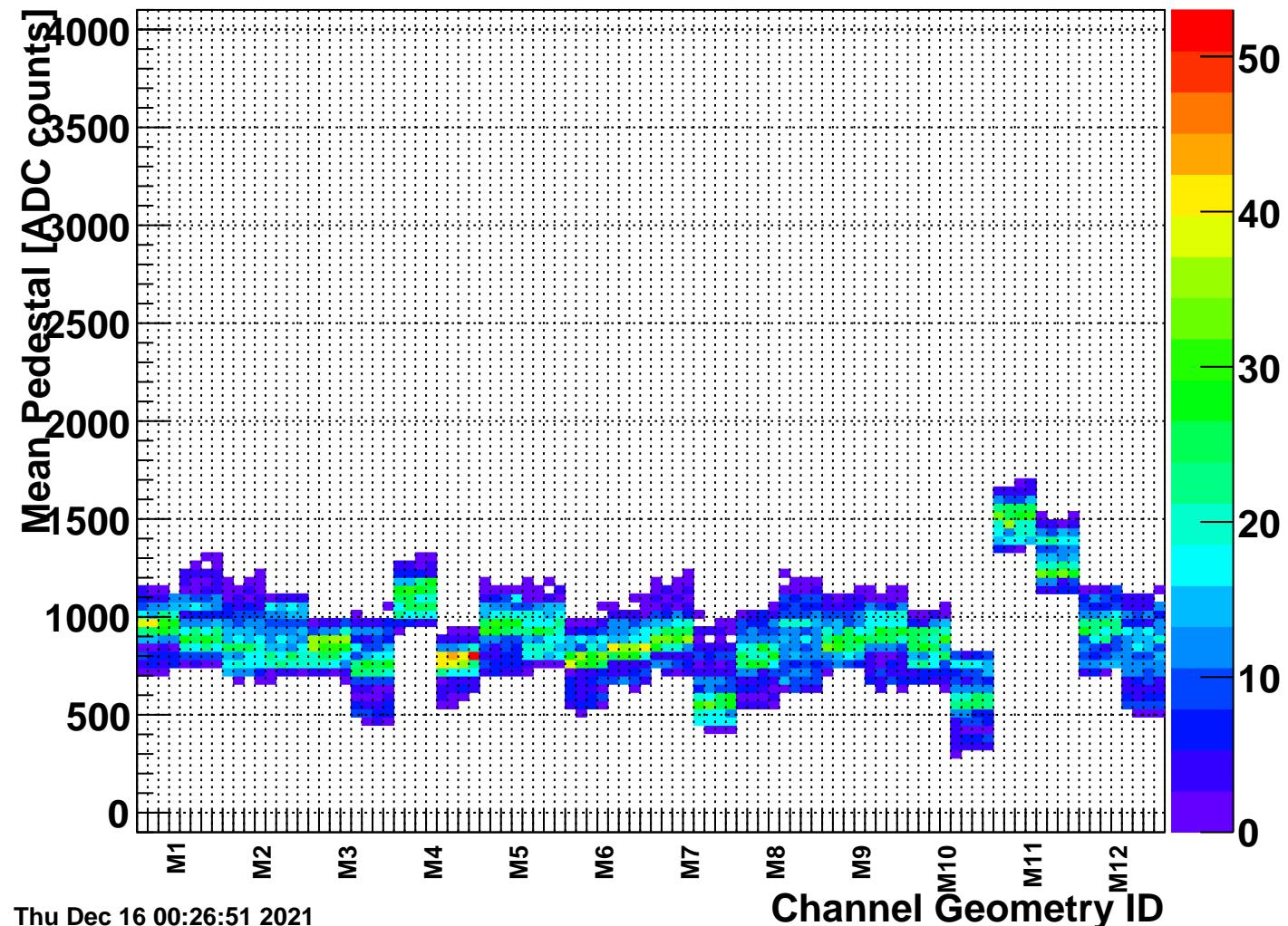
FST - Hit Multiplicity (non-ZS) vs Module Id for Disk2



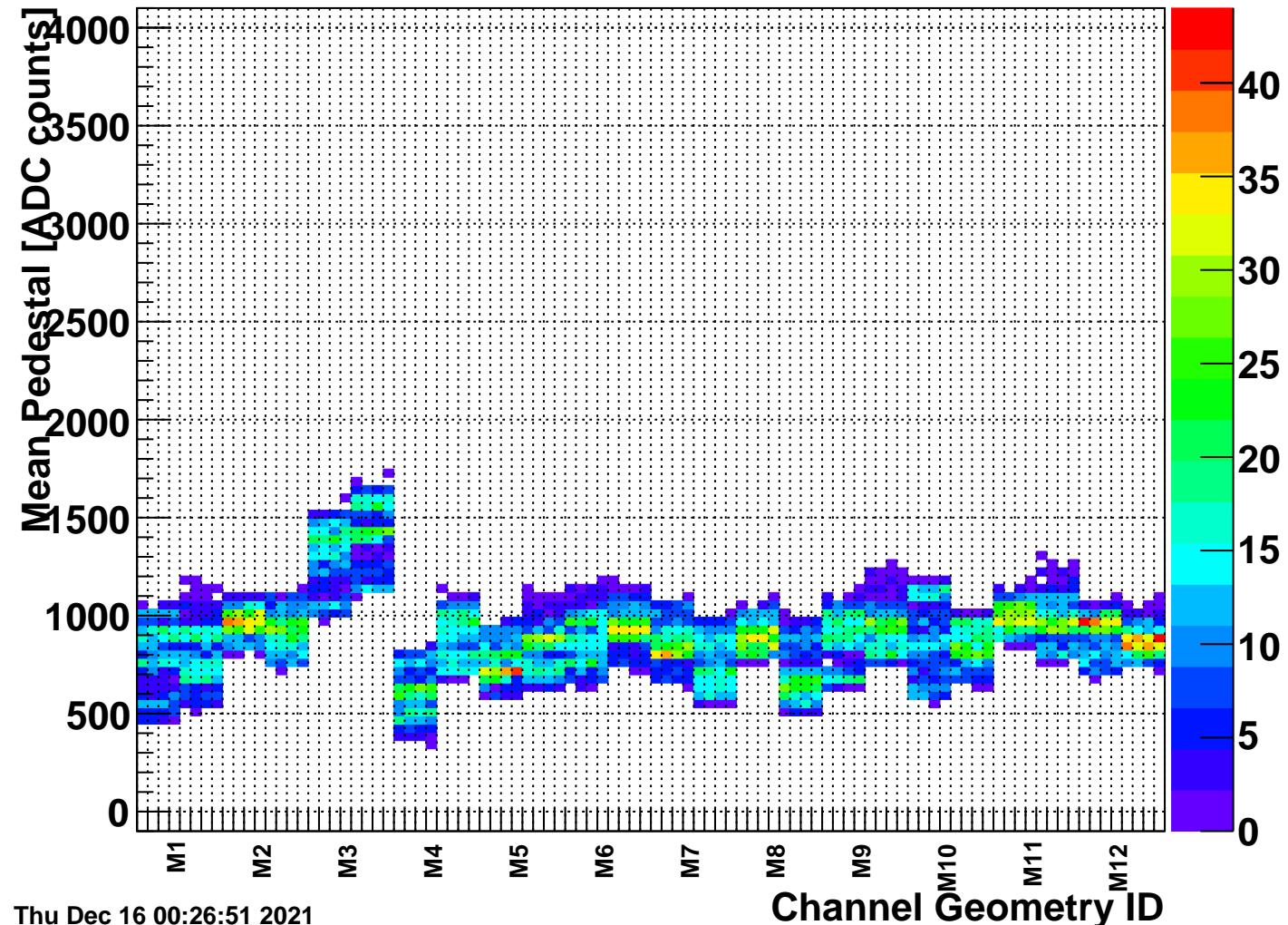
FST - Hit Multiplicity (non-ZS) vs Module Id for Disk3



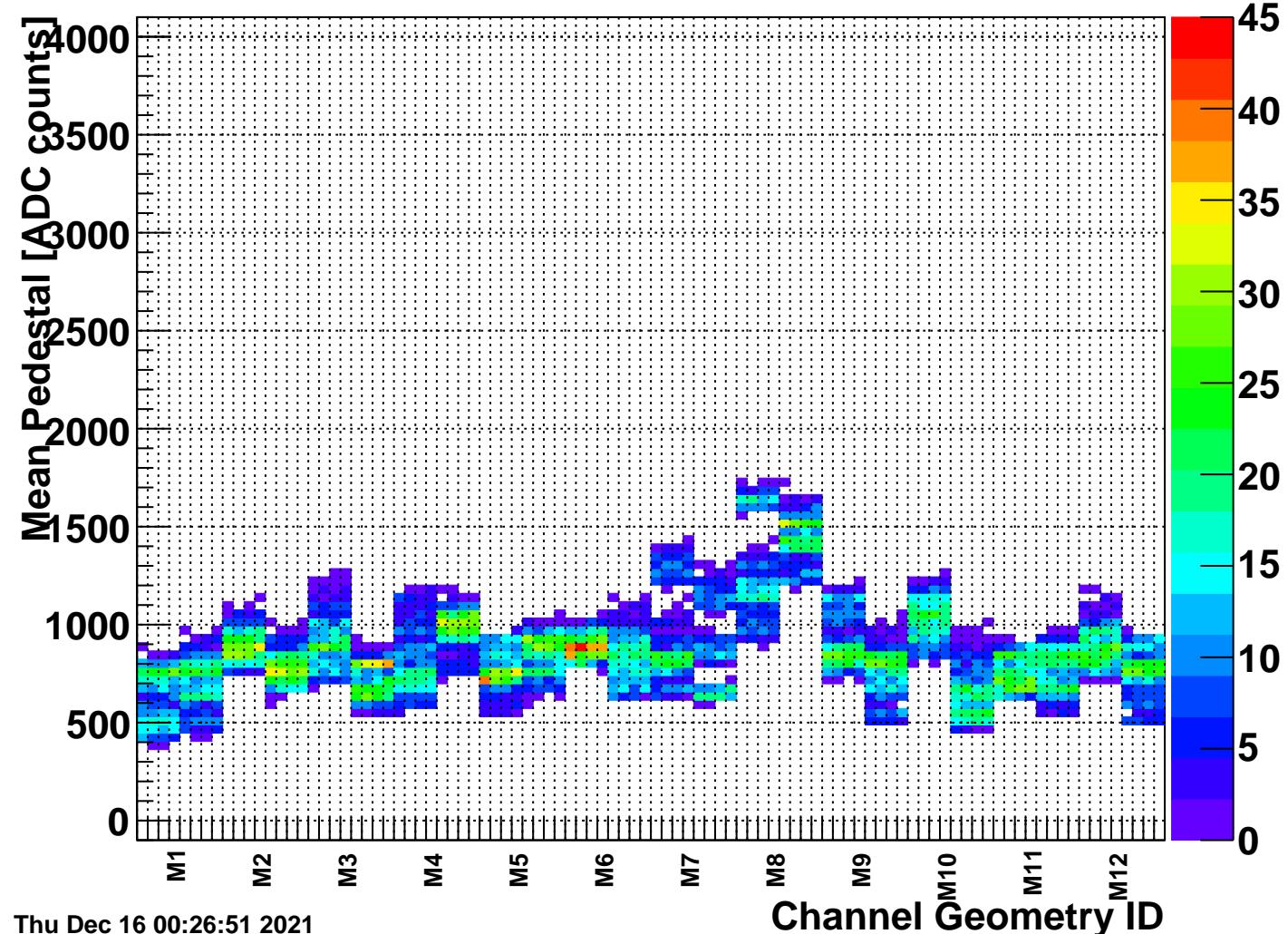
FST - Pedestal vs Channel for Disk1



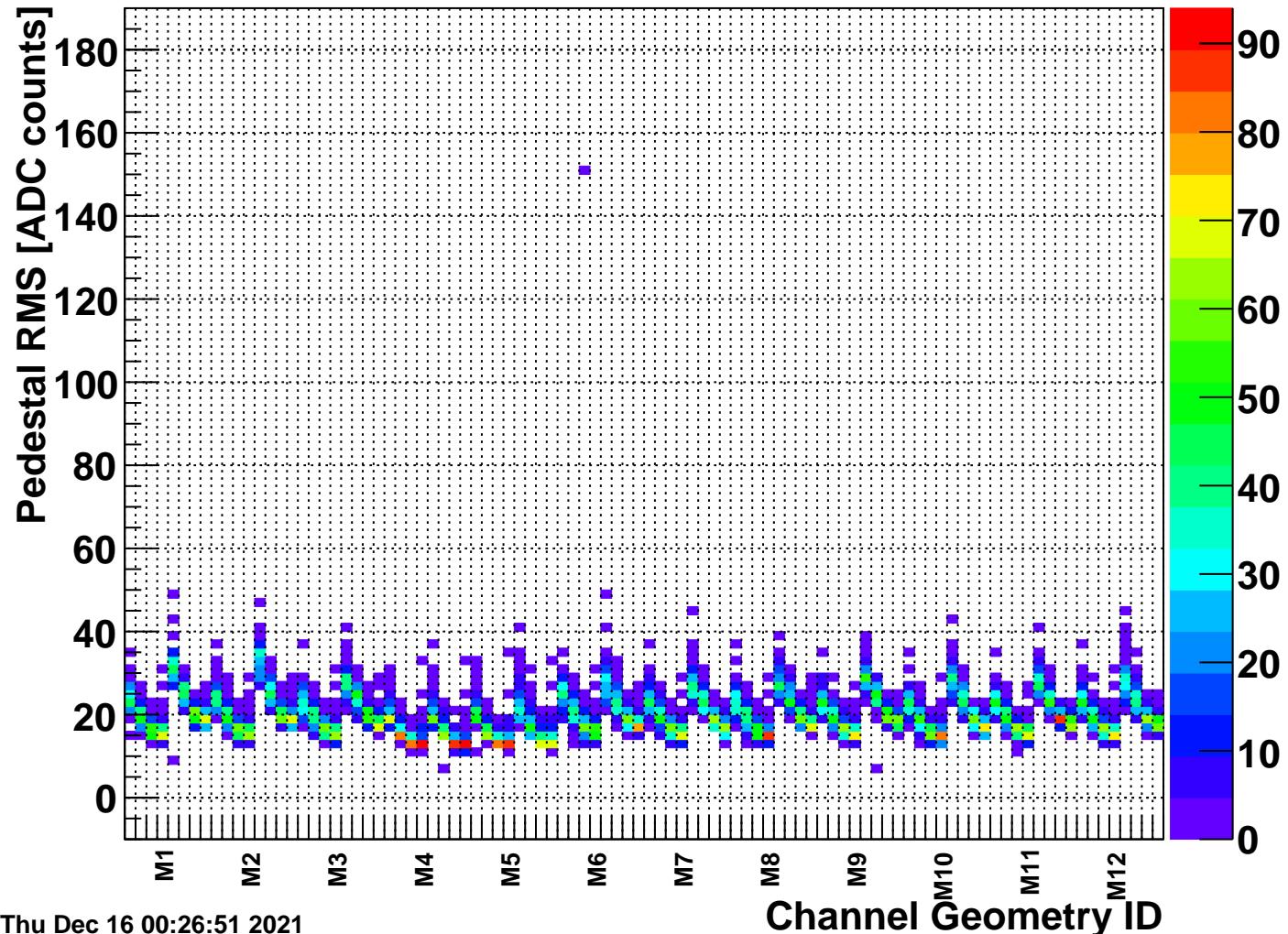
FST - Pedestal vs Channel for Disk2



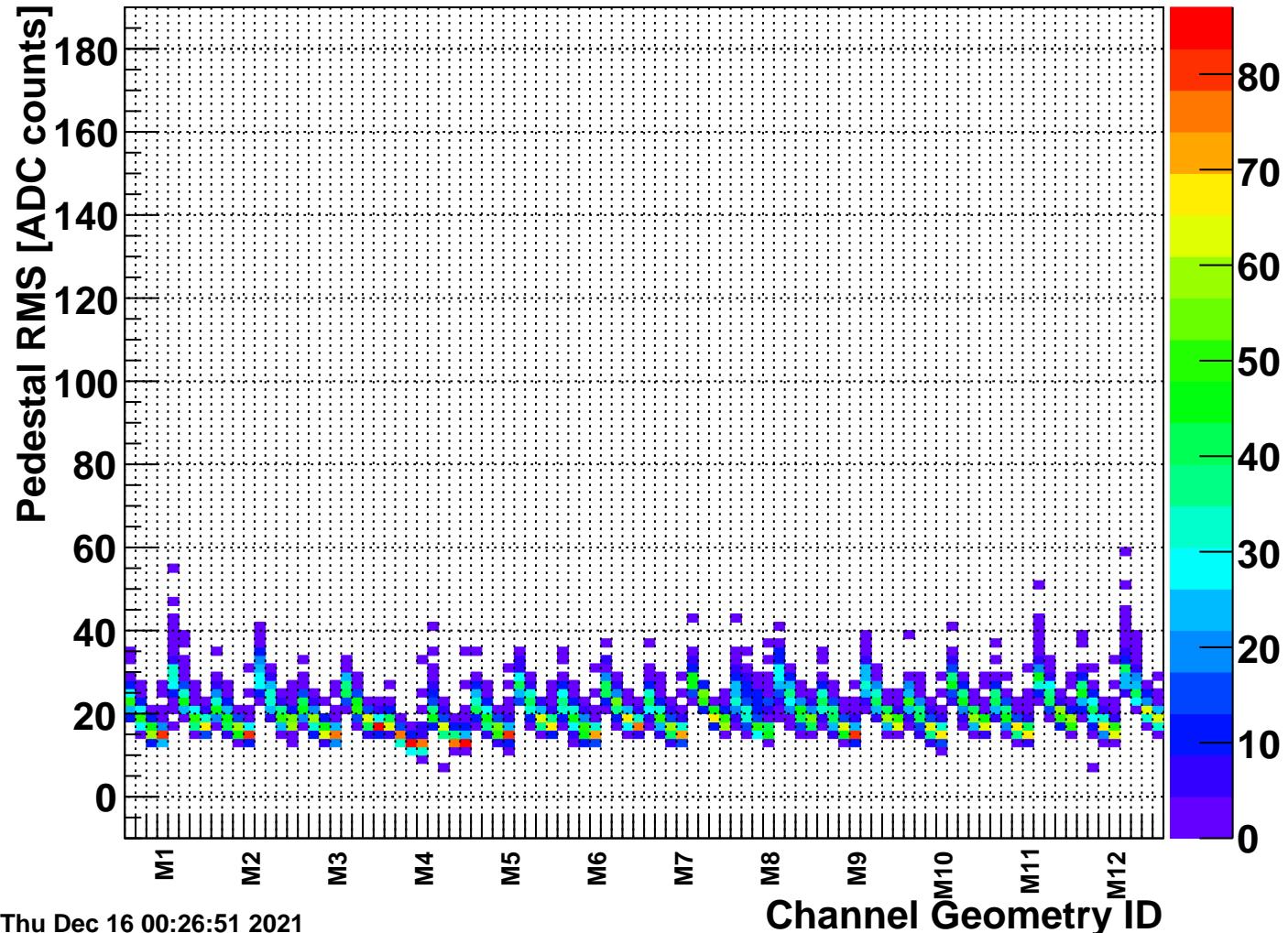
FST - Pedestal vs Channel for Disk3



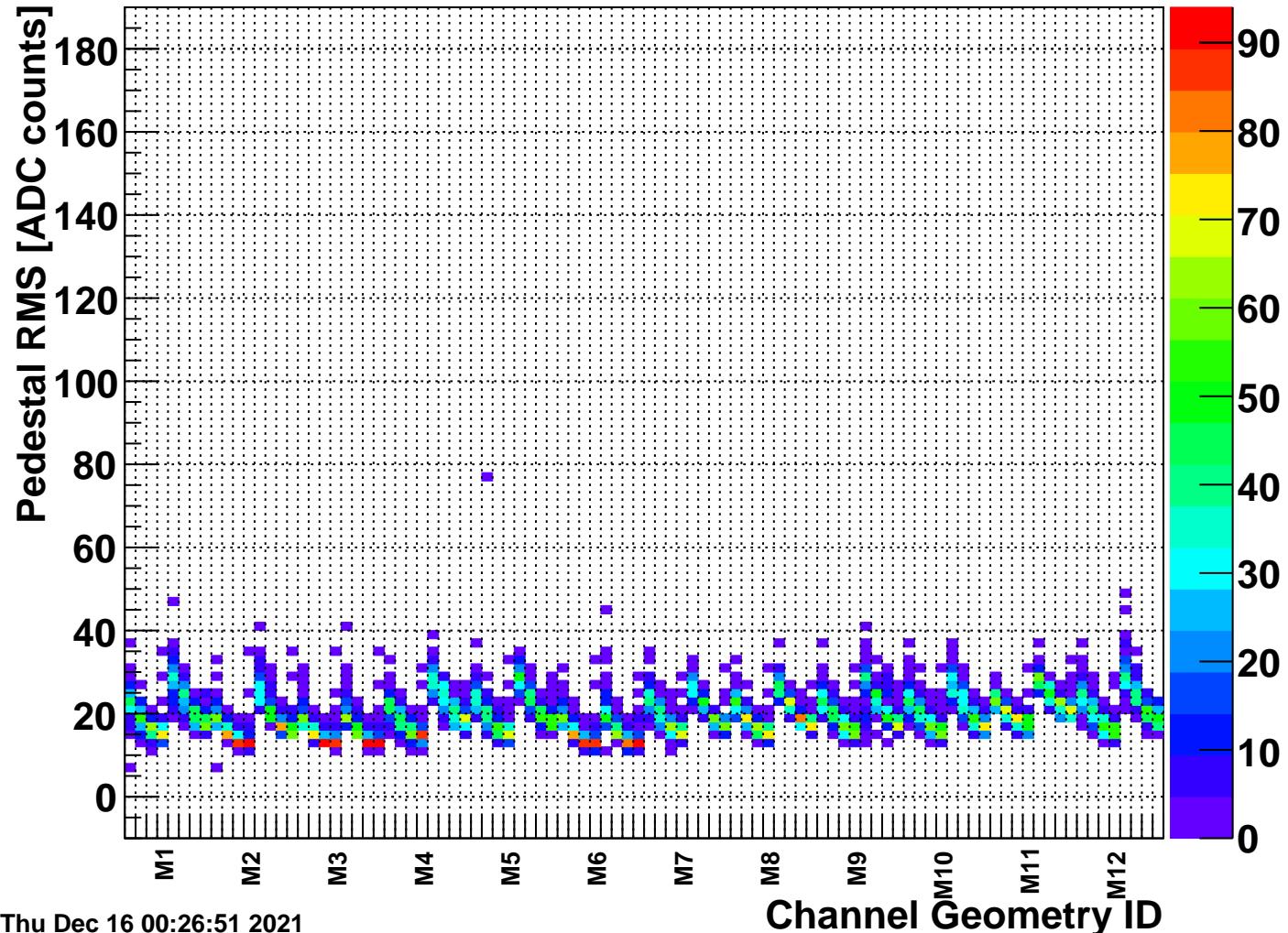
FST - RMS vs Channel for Disk1



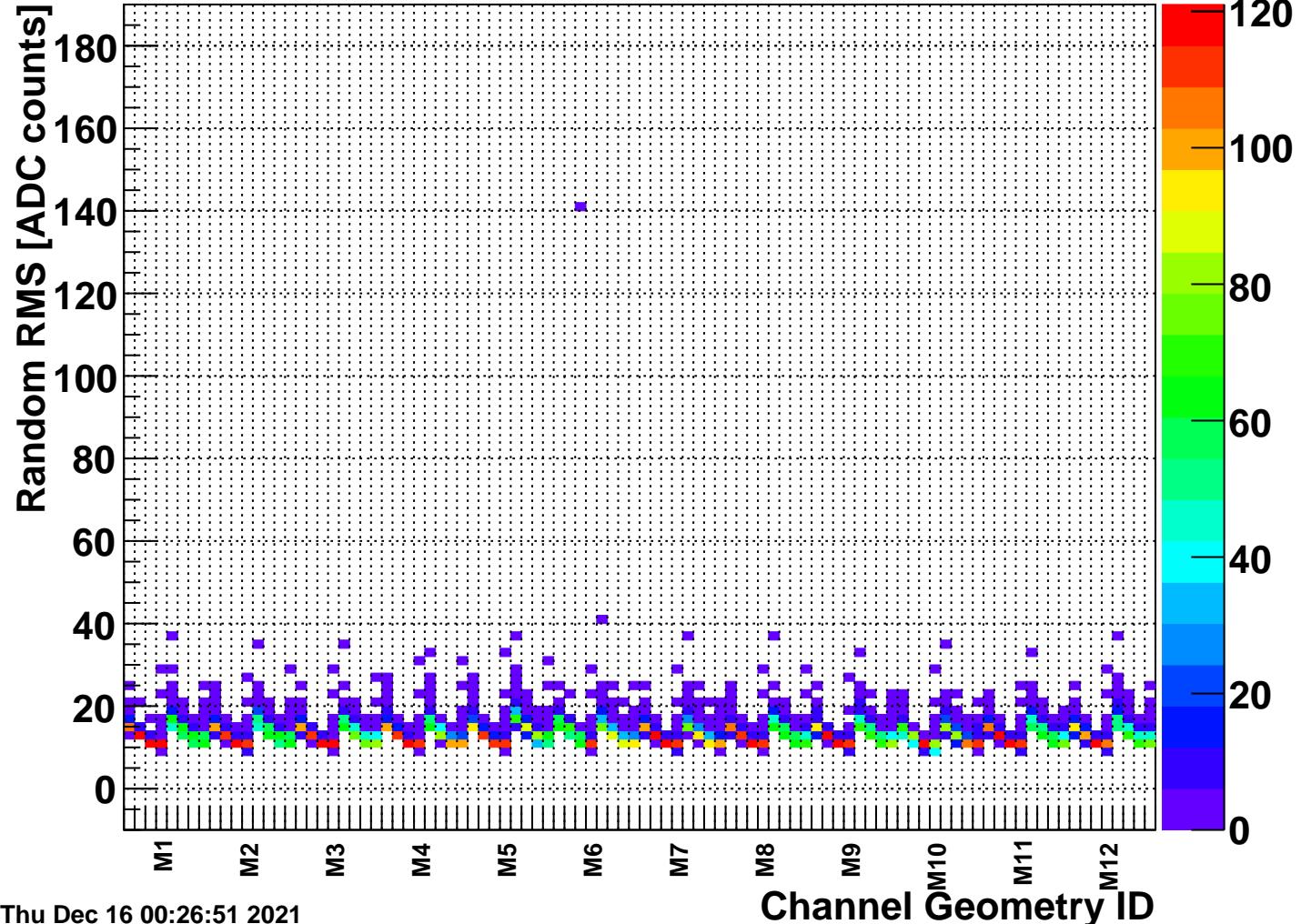
FST - RMS vs Channel for Disk2



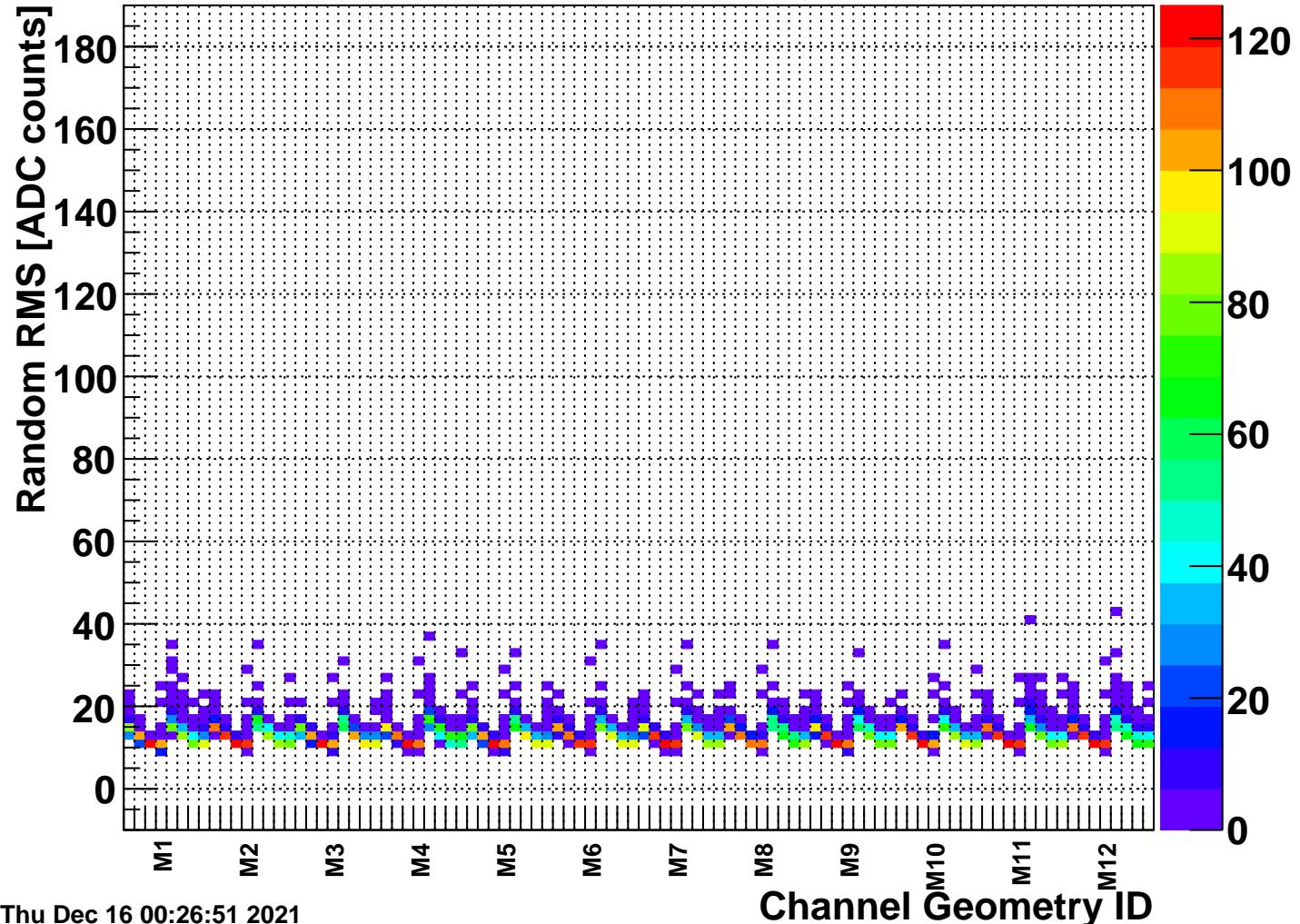
FST - RMS vs Channel for Disk3



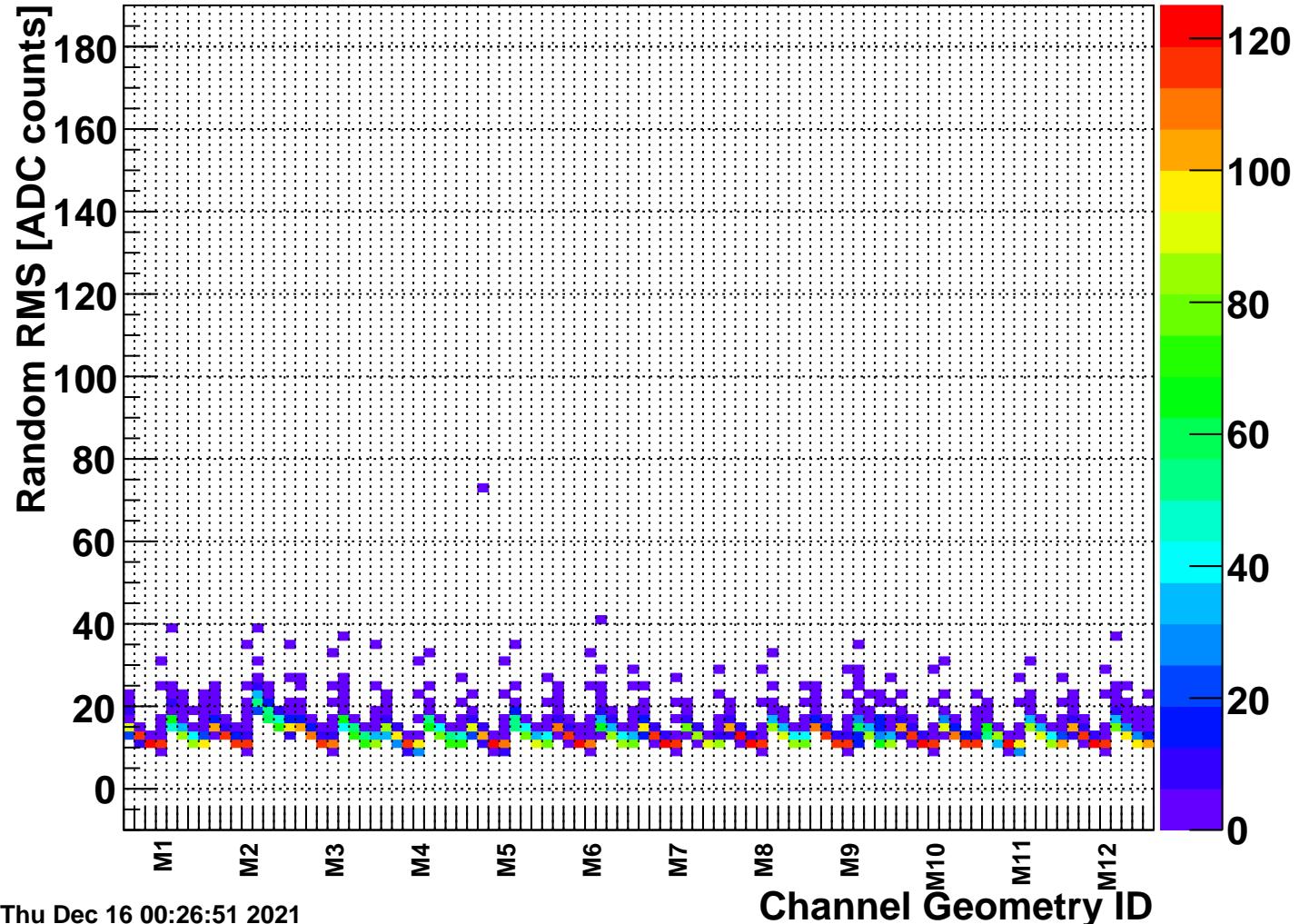
FST - Random RMS vs Channel for Disk1



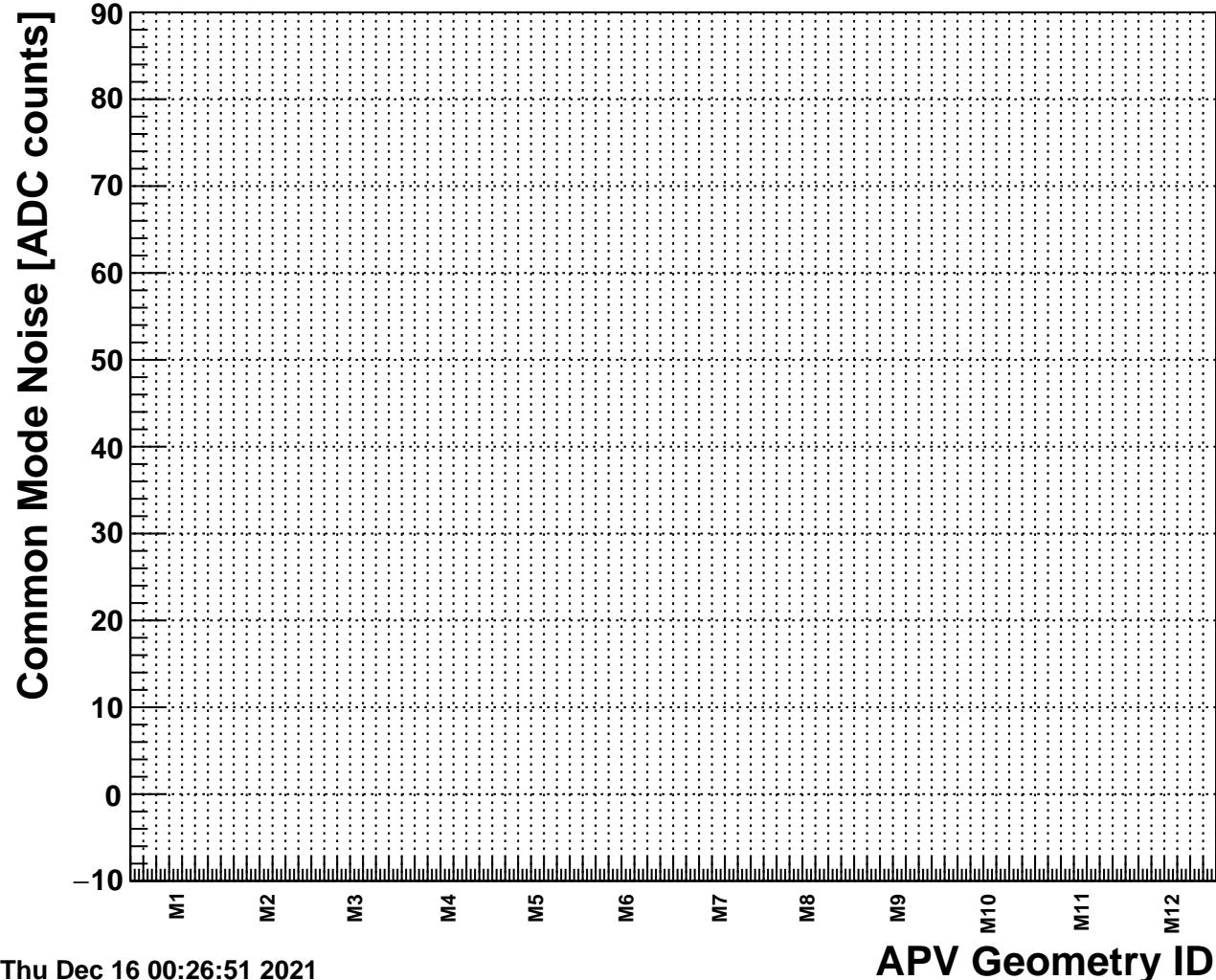
FST - Random RMS vs Channel for Disk2



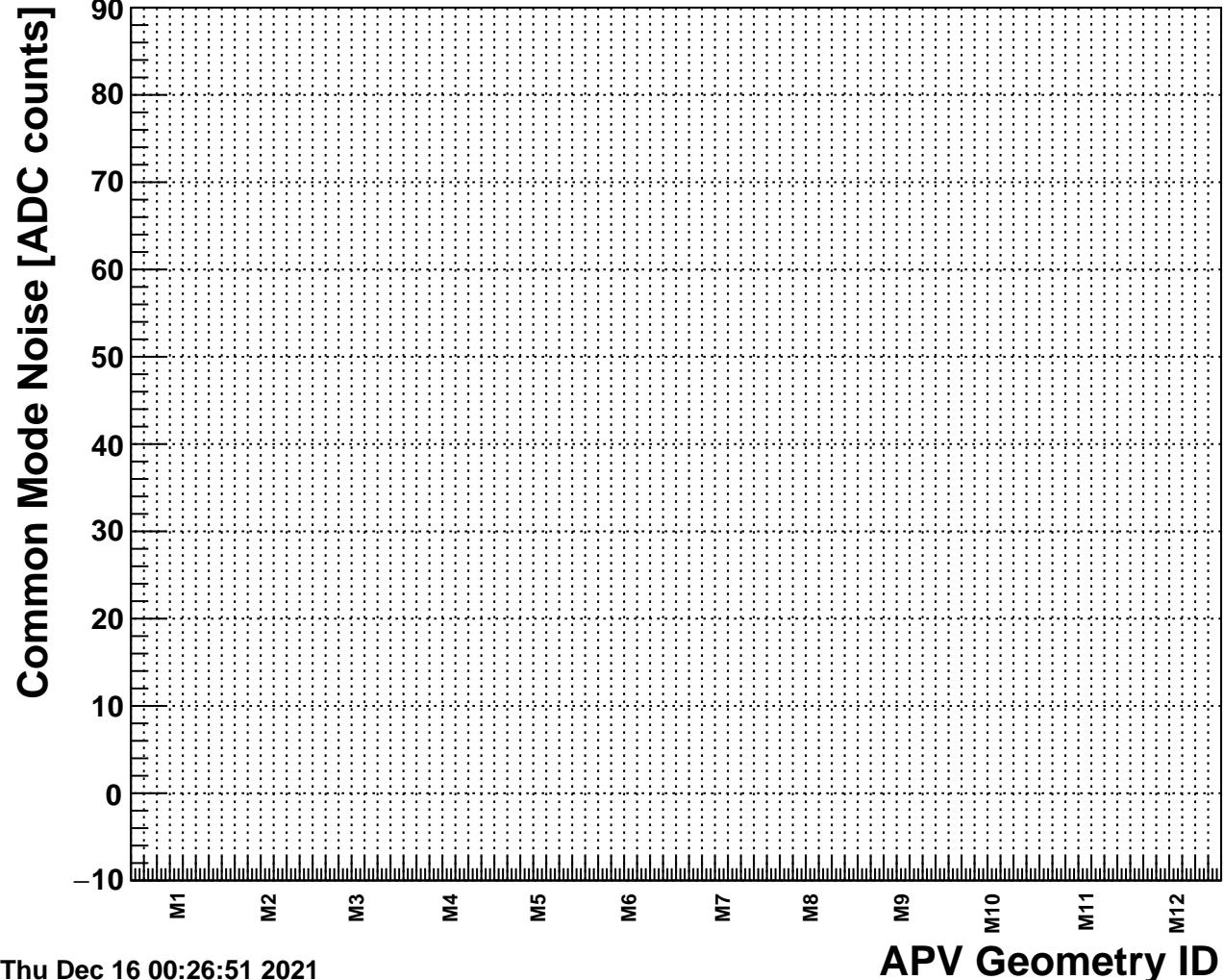
FST - Random RMS vs Channel for Disk3



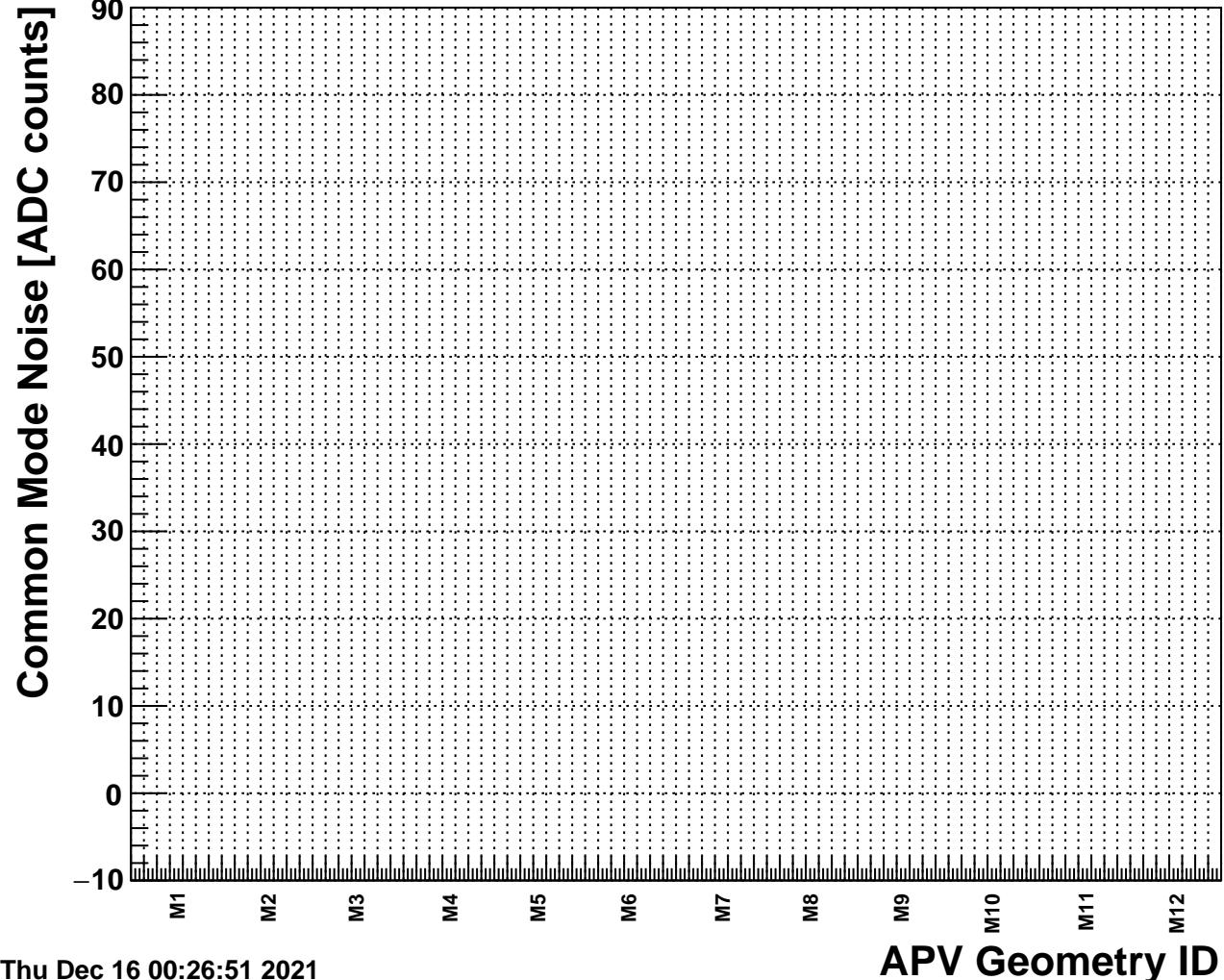
FST - Common Mode RMS vs APV for Disk1



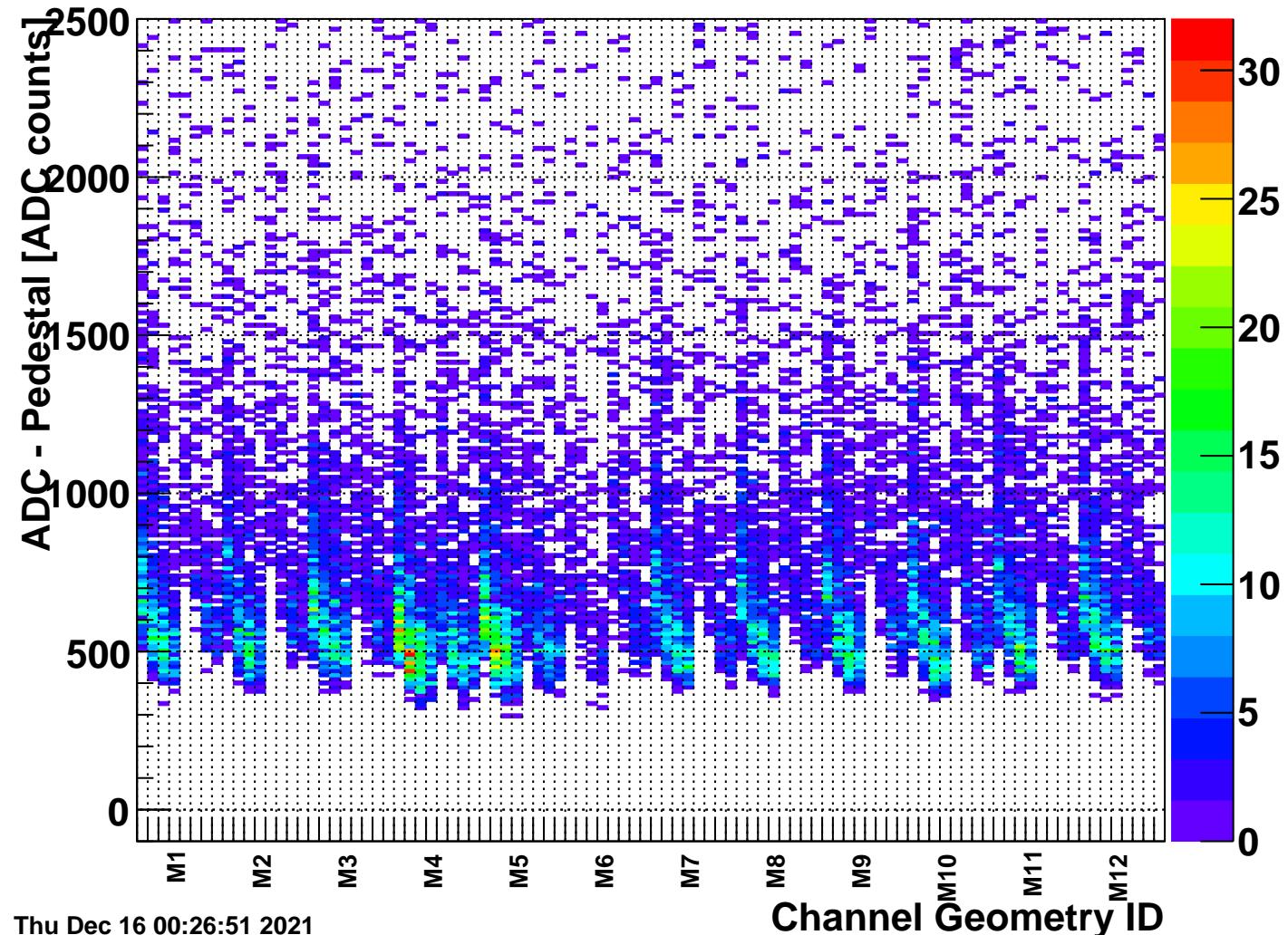
FST - Common Mode RMS vs APV for Disk2



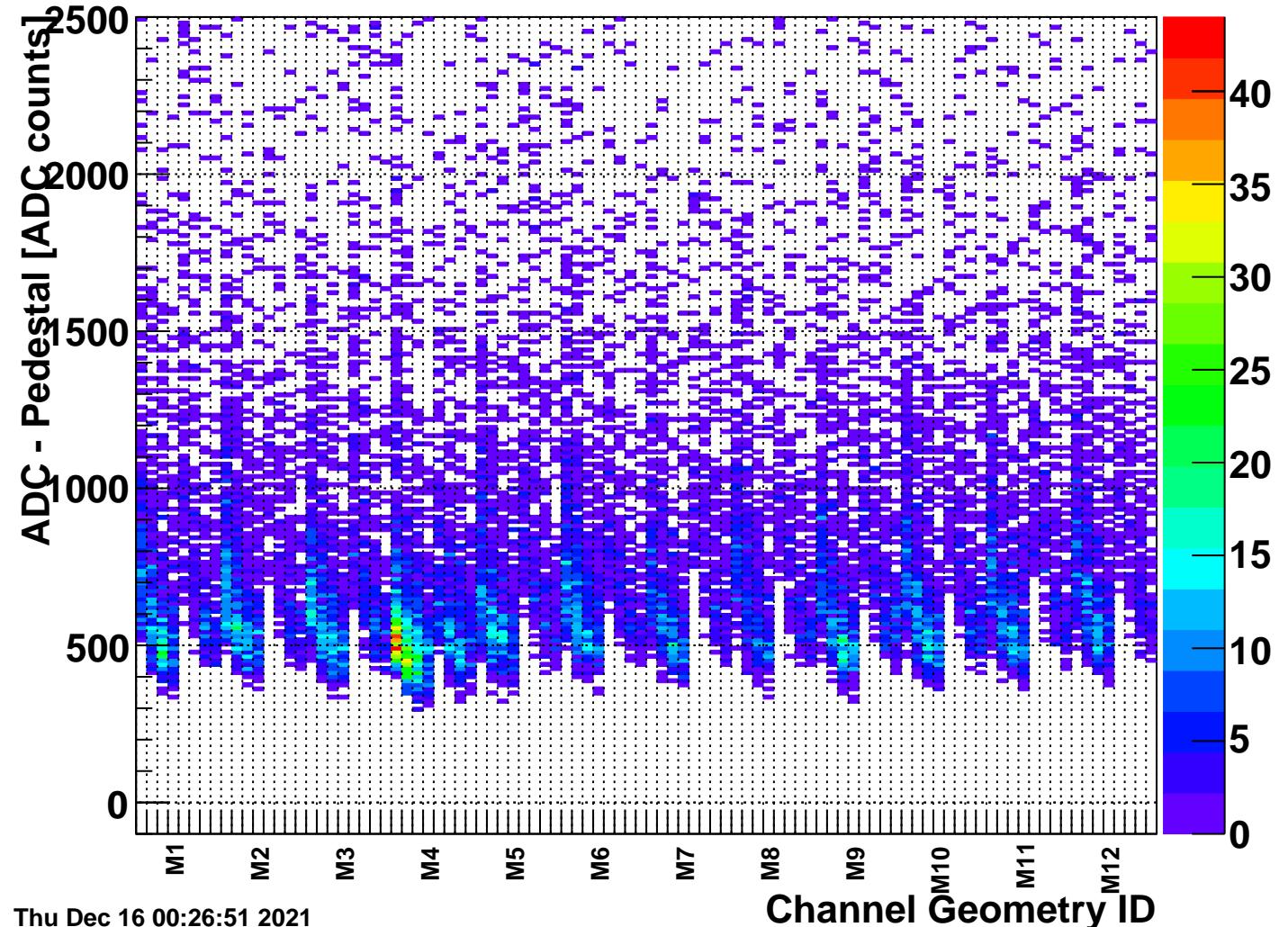
FST - Common Mode RMS vs APV for Disk3



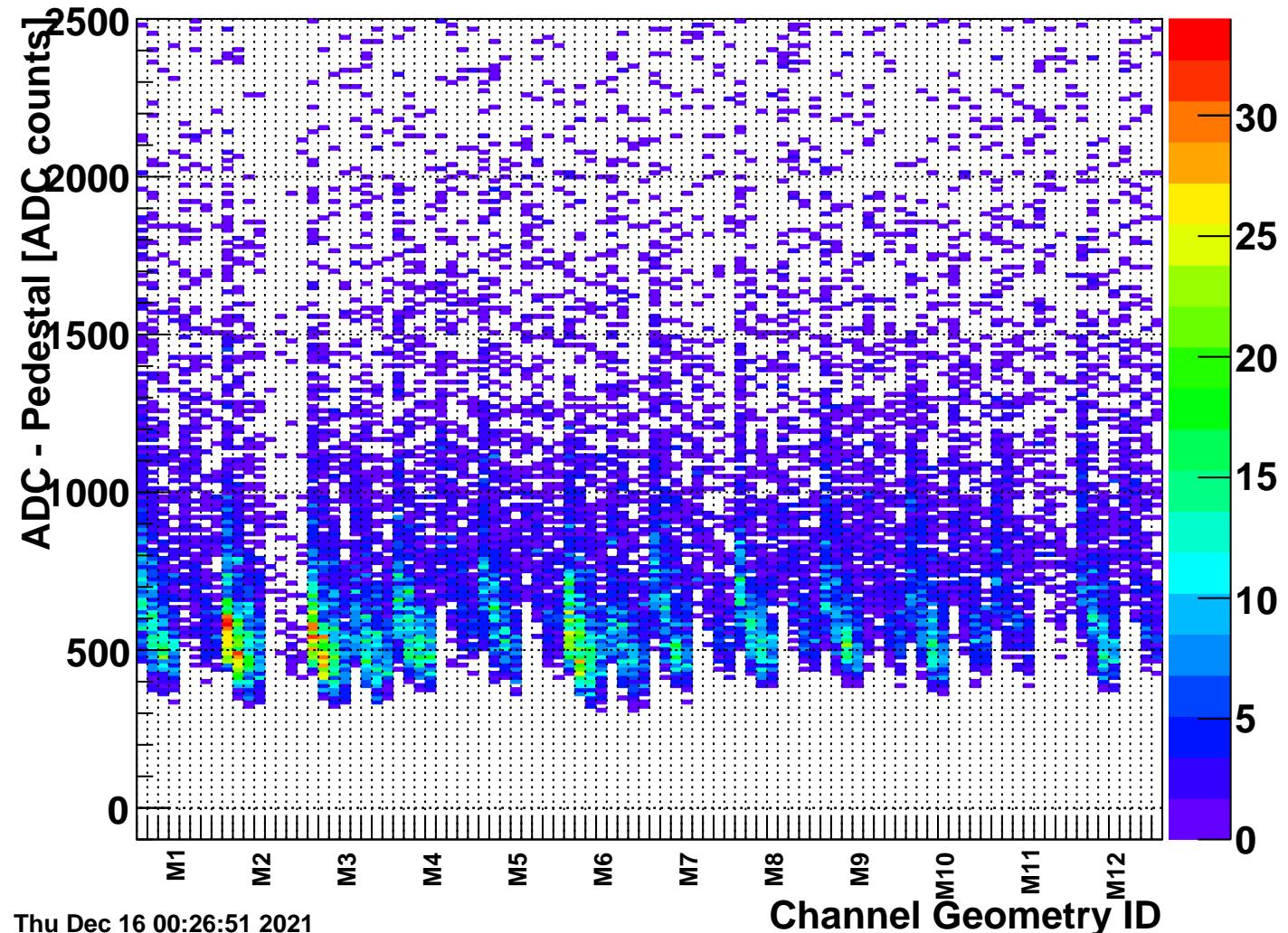
FST - Signal (non-ZS) vs Channel for Disk1



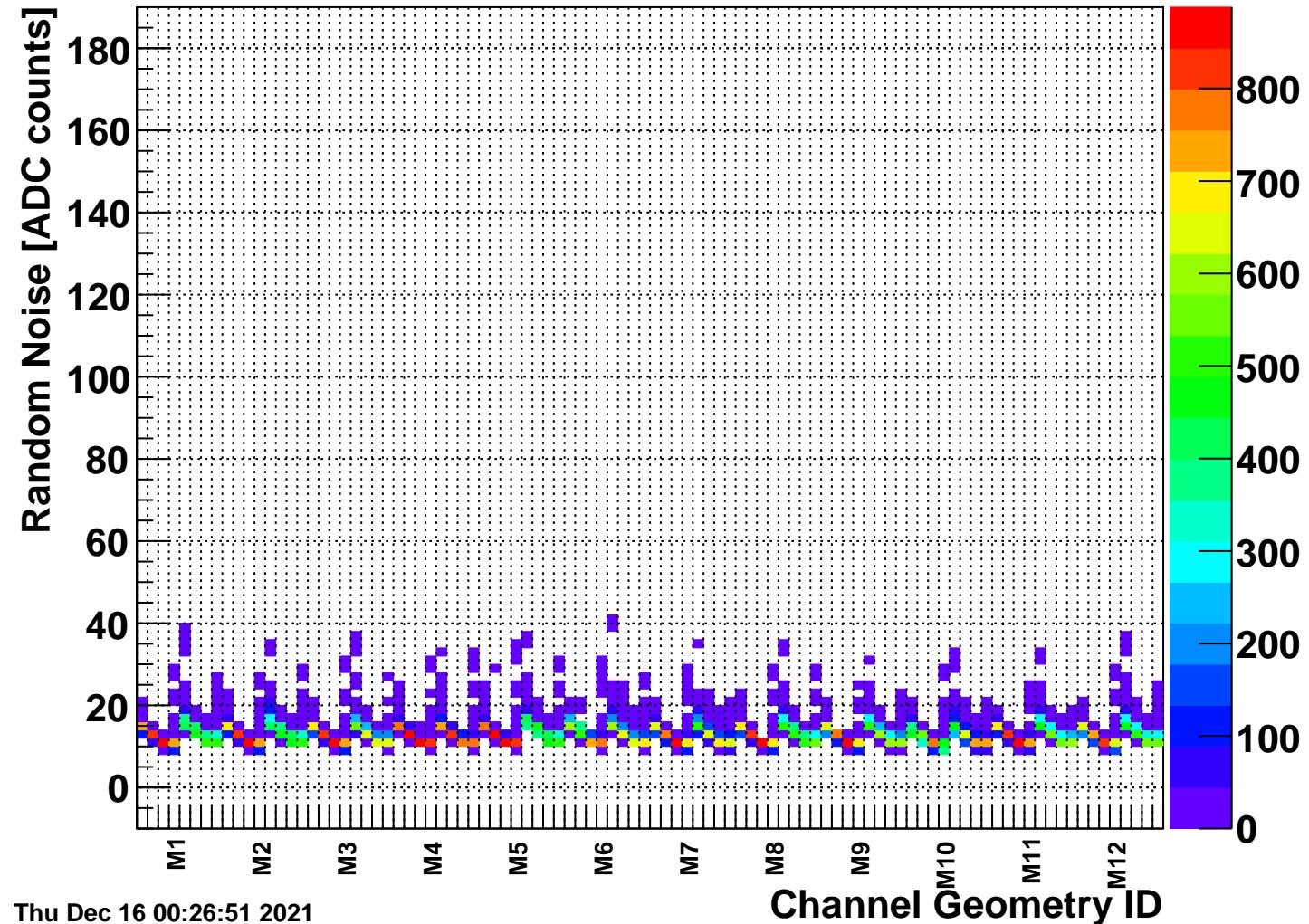
FST - Signal (non-ZS) vs Channel for Disk2



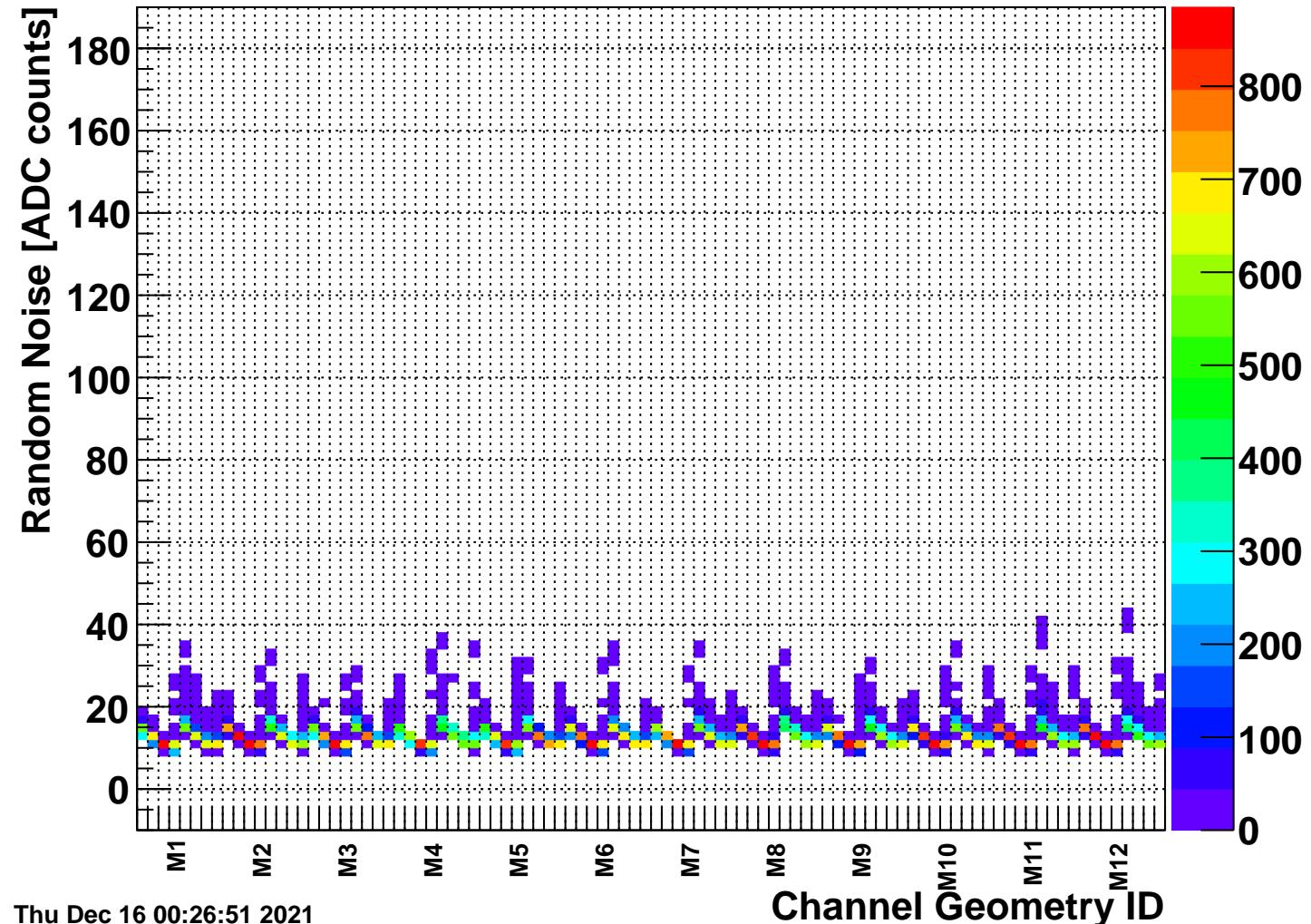
FST - Signal (non-ZS) vs Channel for Disk3



FST - Random Noise (non-ZS) vs Channel for Disk1



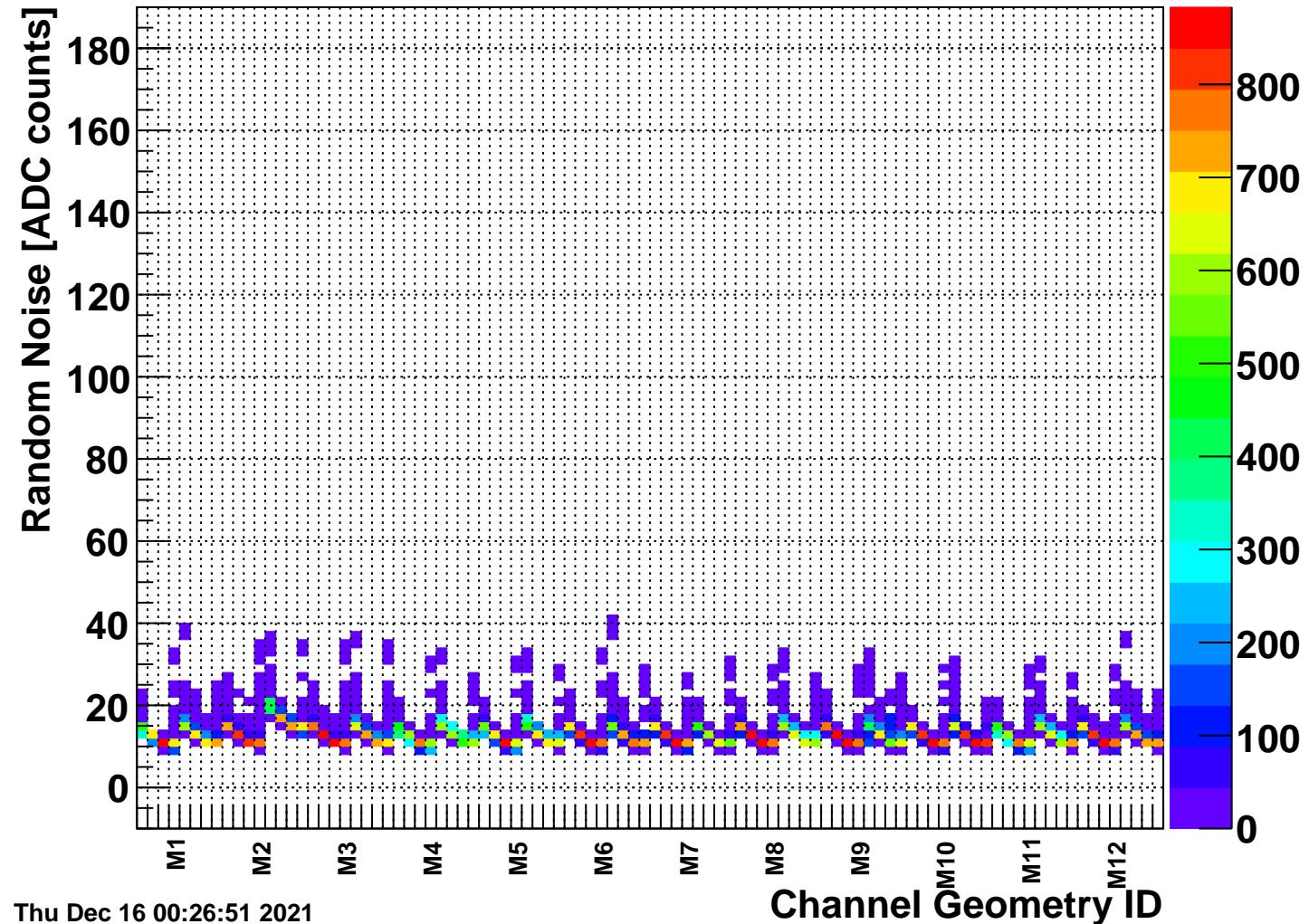
FST - Random Noise (non-ZS) vs Channel for Disk2



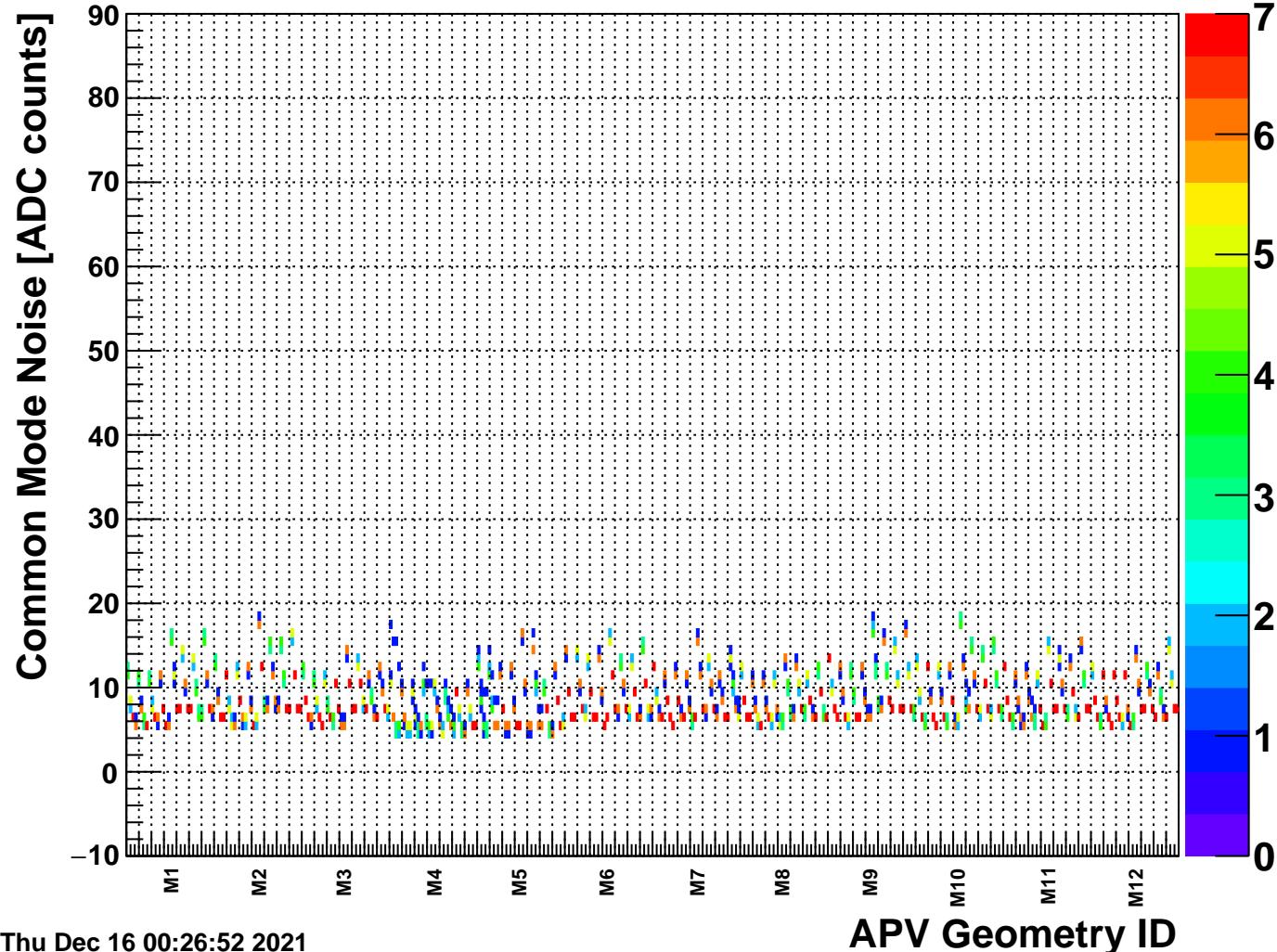
Thu Dec 16 00:26:51 2021

Channel Geometry ID

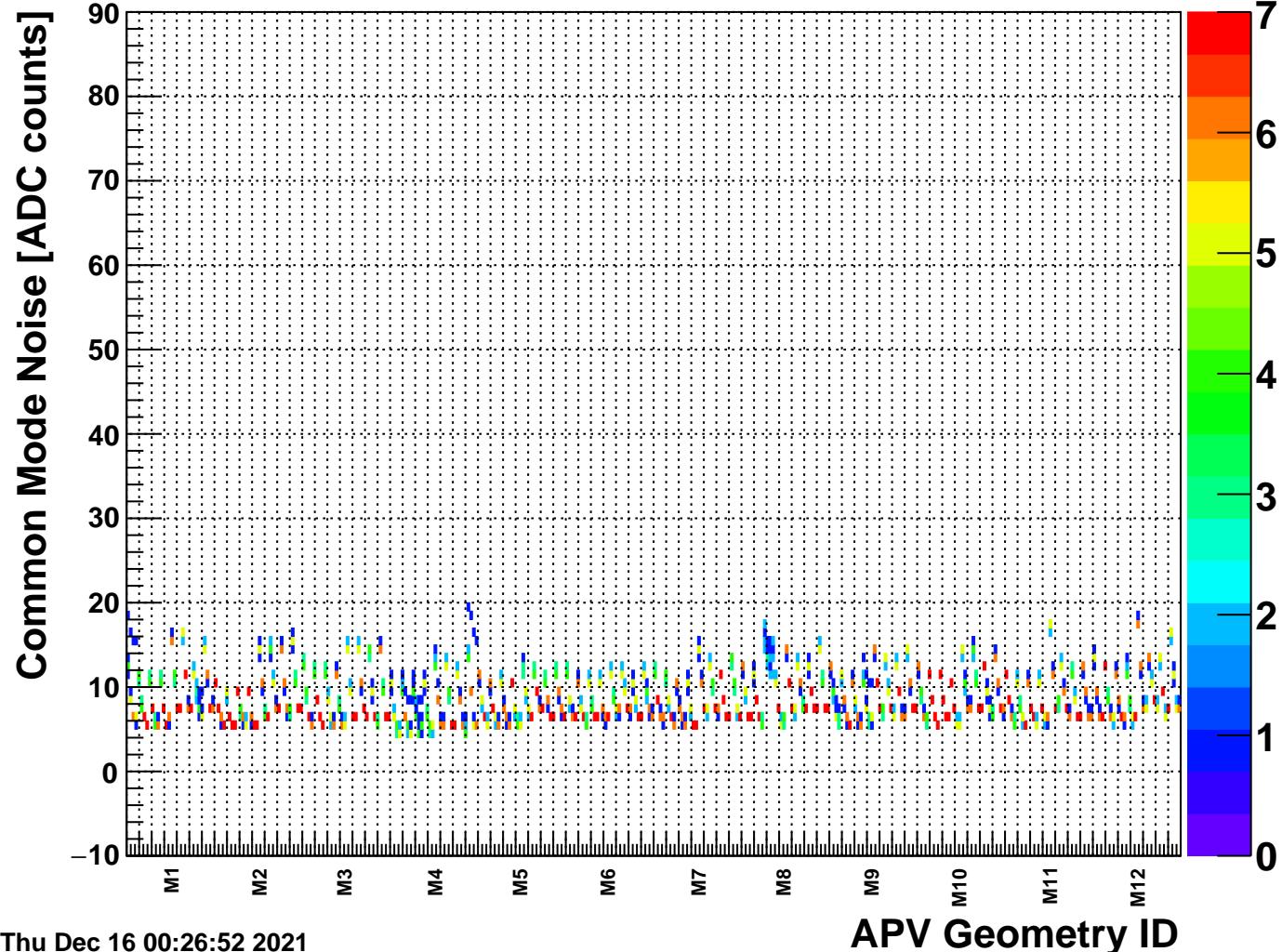
FST - Random Noise (non-ZS) vs Channel for Disk3



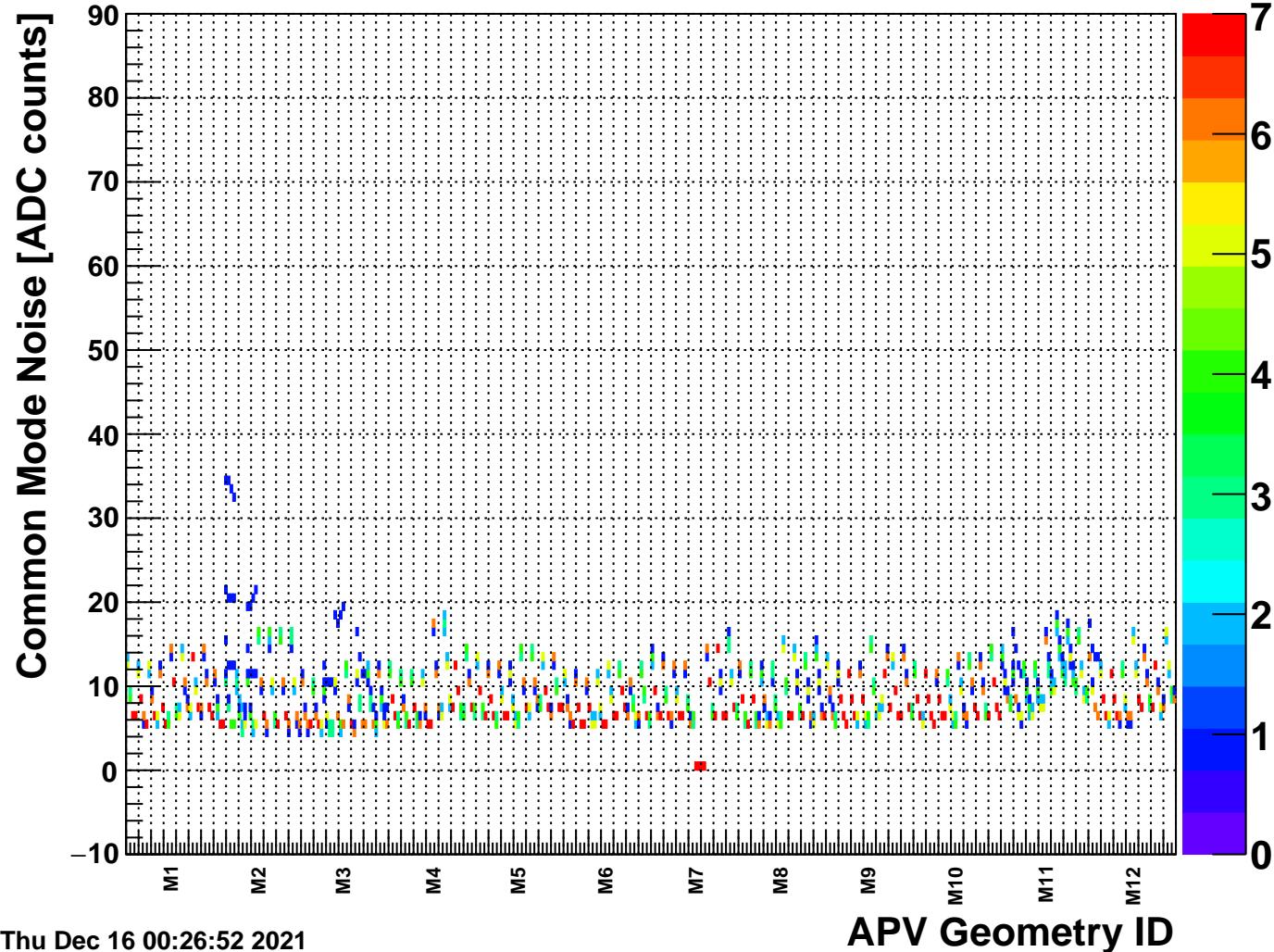
FST - Common Mode Noise (non-ZS) vs APV for Disk1



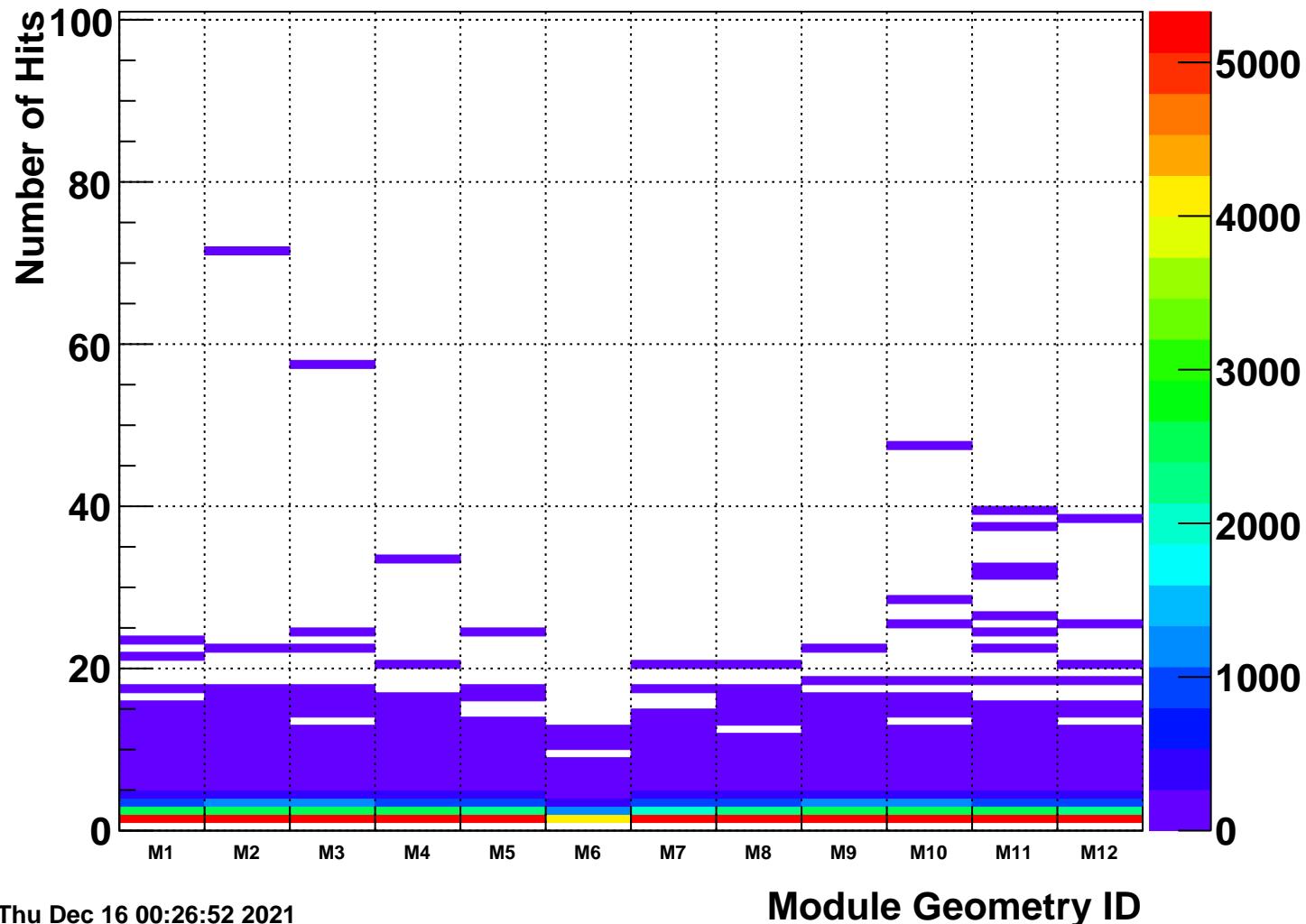
FST - Common Mode Noise (non-ZS) vs APV for Disk2



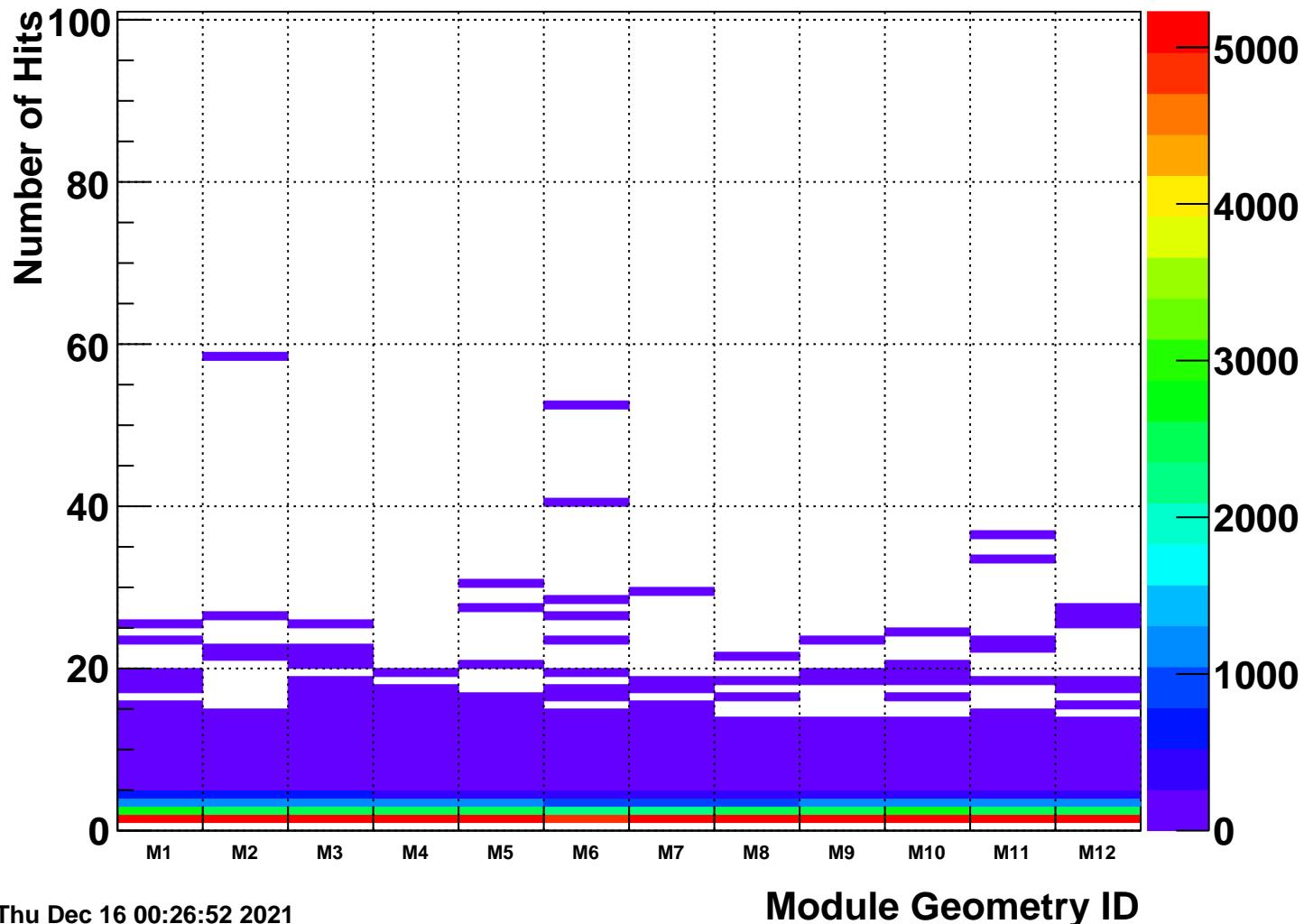
FST - Common Mode Noise (non-ZS) vs APV for Disk3



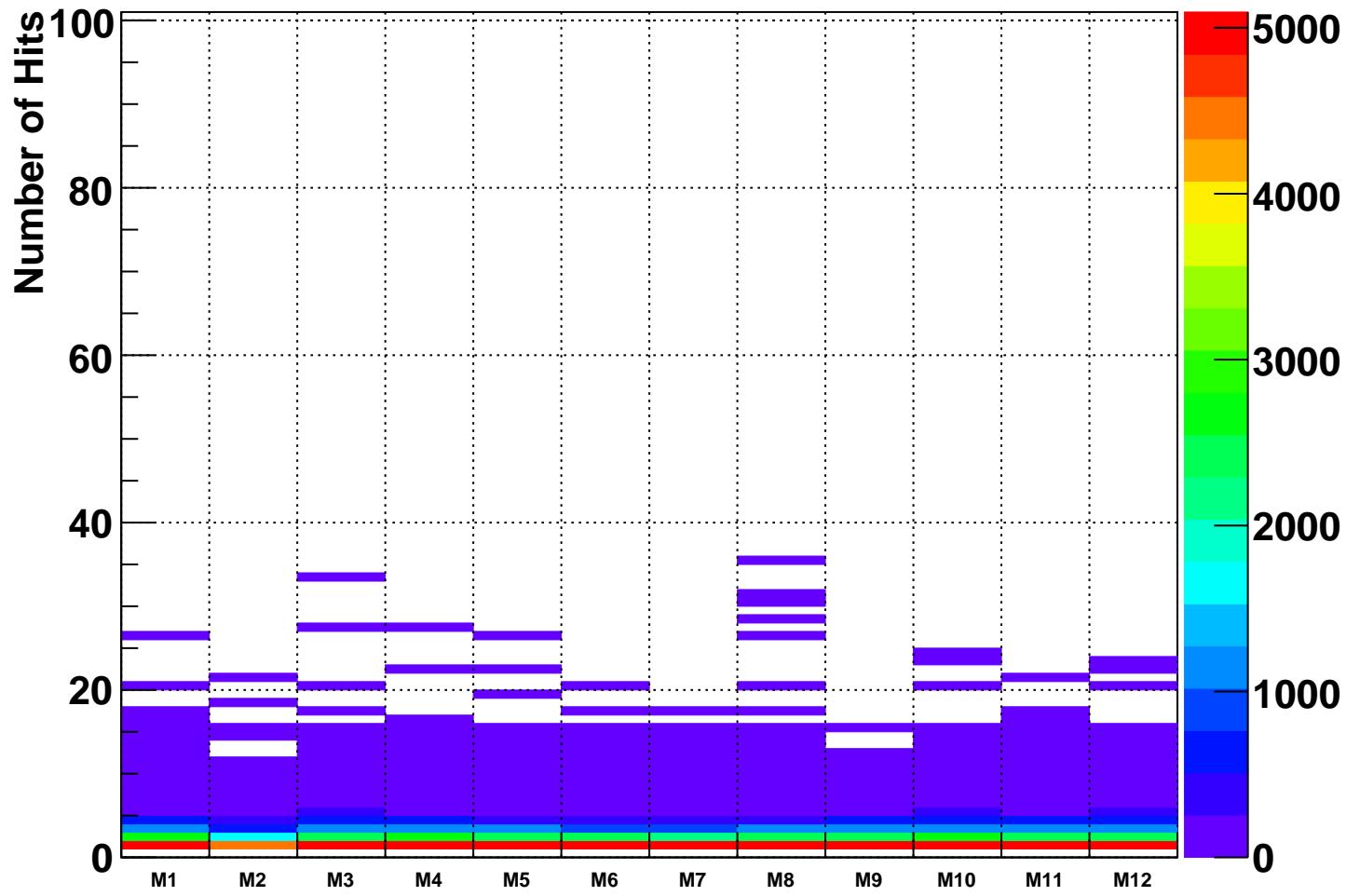
FST - Hit Multiplicity (ZS) vs Module Id for Disk1



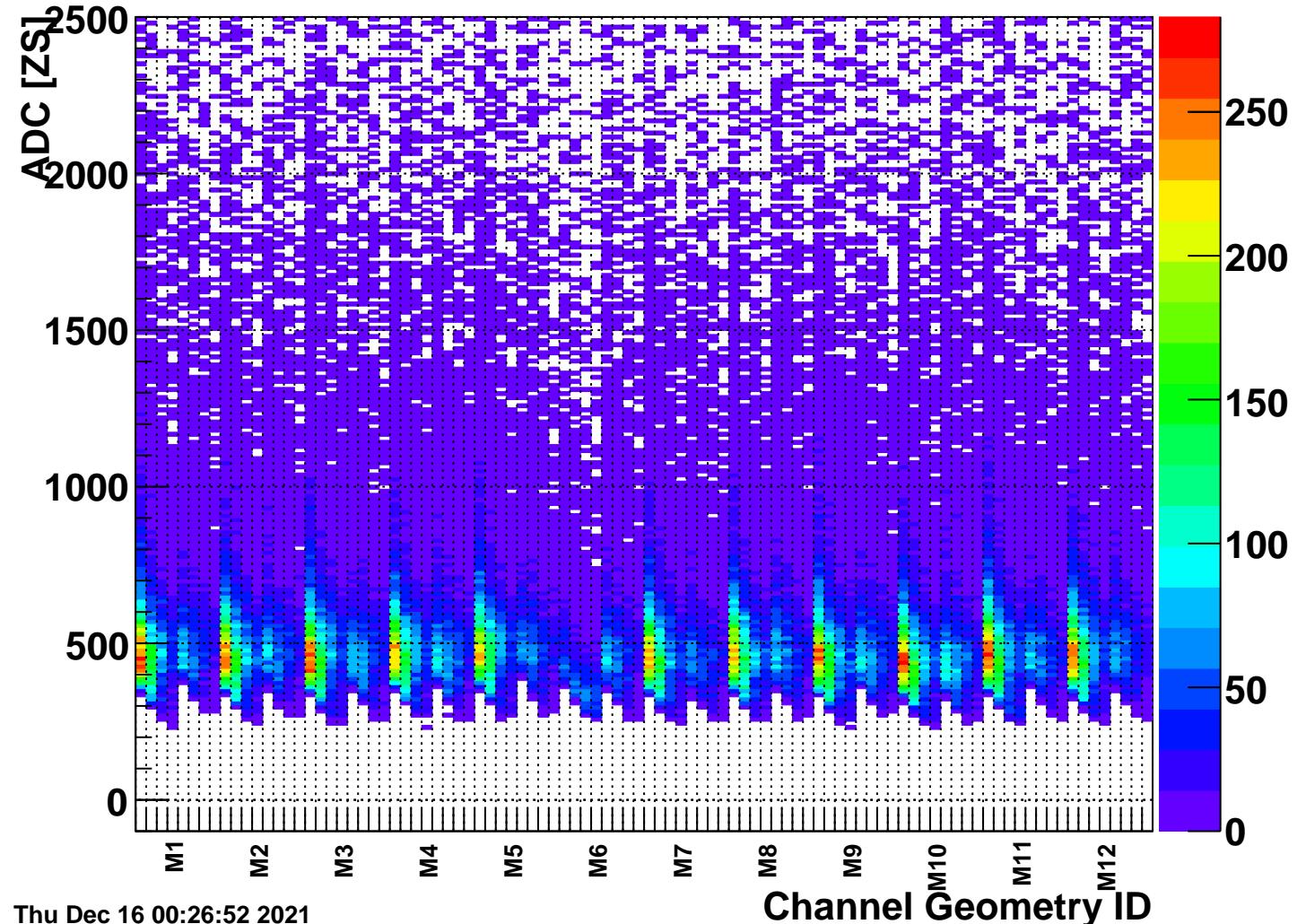
FST - Hit Multiplicity (ZS) vs Module Id for Disk2



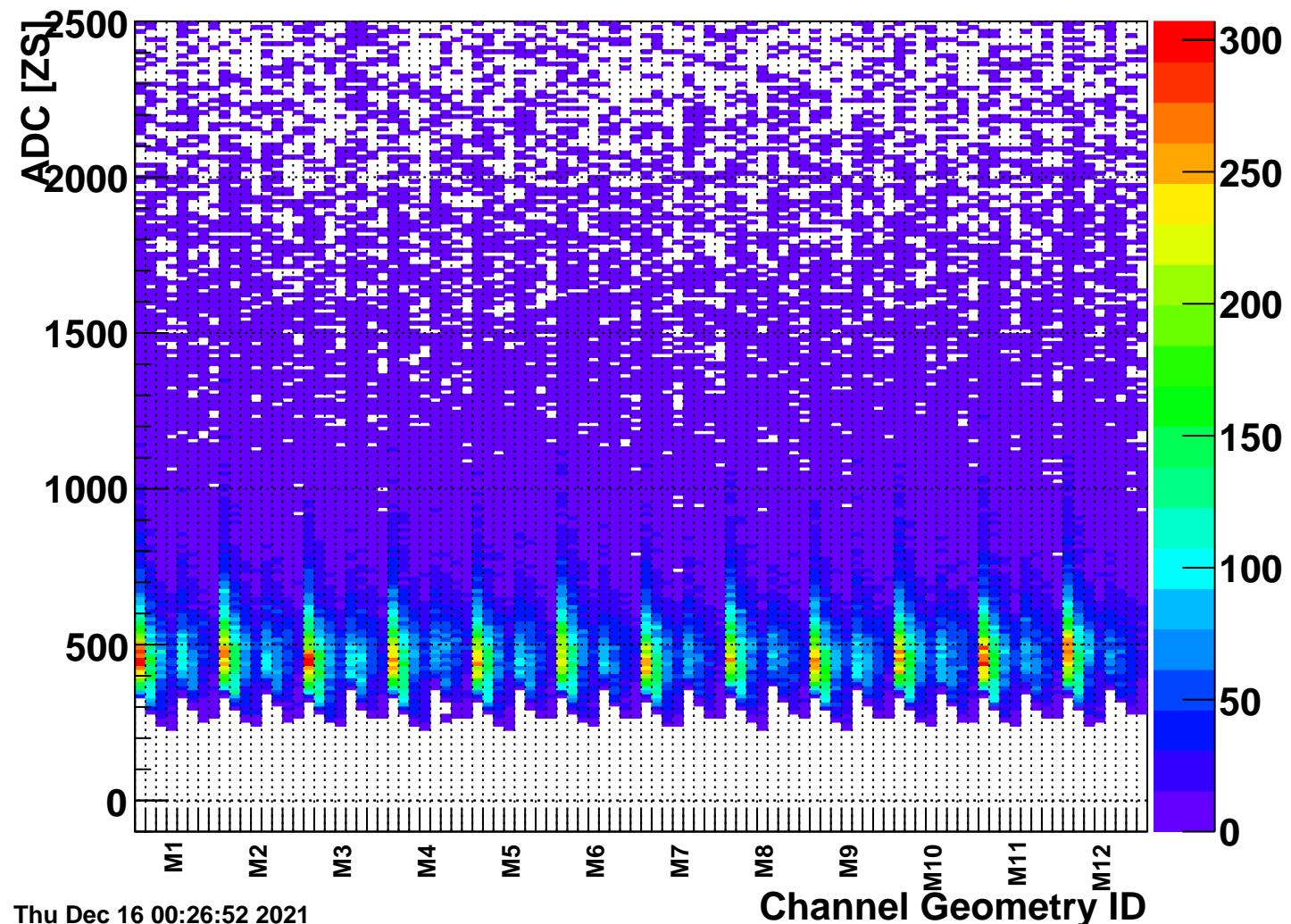
FST - Hit Multiplicity (ZS) vs Module Id for Disk3



FST - Signal (ZS) vs Channel for Disk1



FST - Signal (ZS) vs Channel for Disk2



FST - Signal (ZS) vs Channel for Disk3

