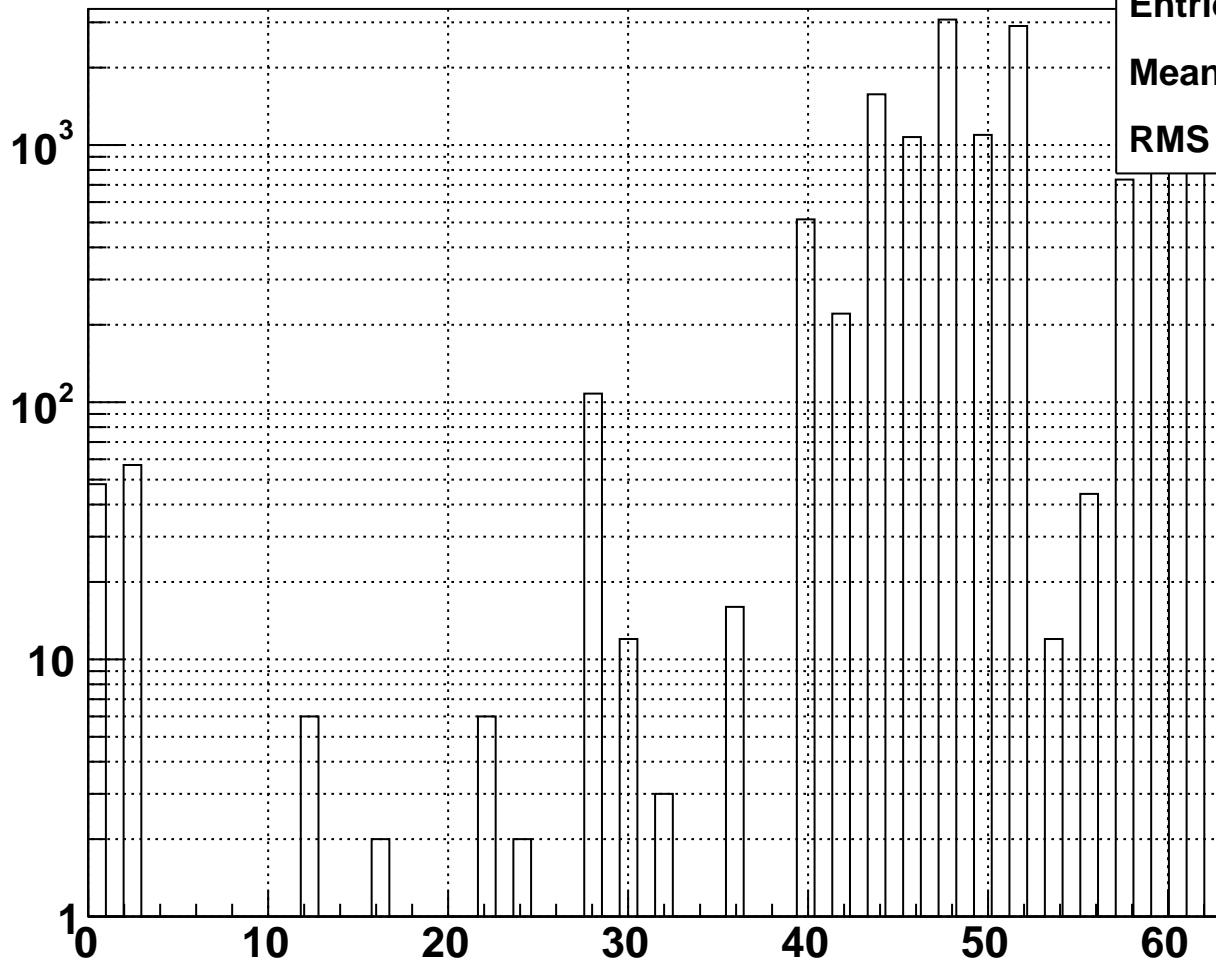


fst_EvtsByTrigger

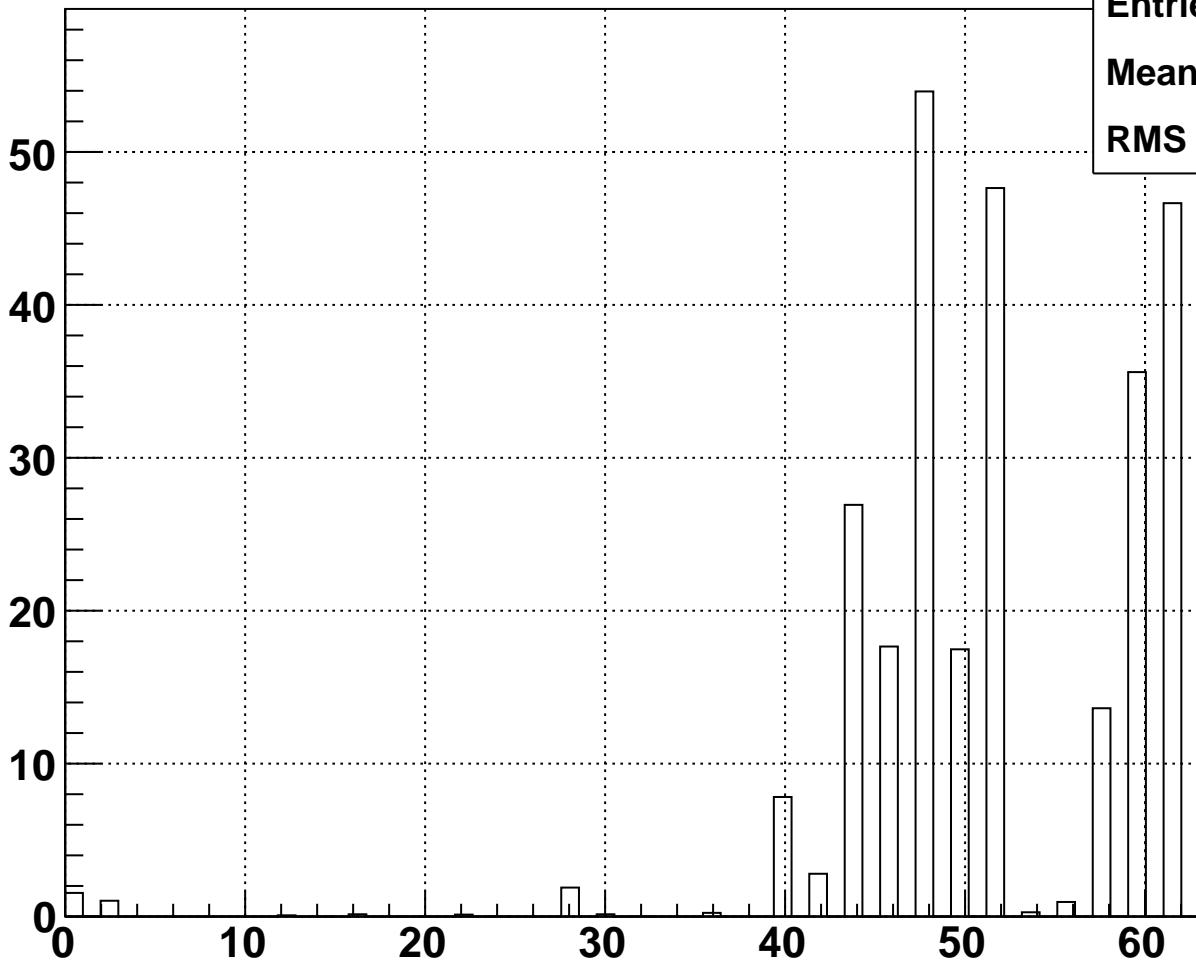
fst_EvtsByTrigger



Entries 16045
Mean 51.7
RMS 8.163

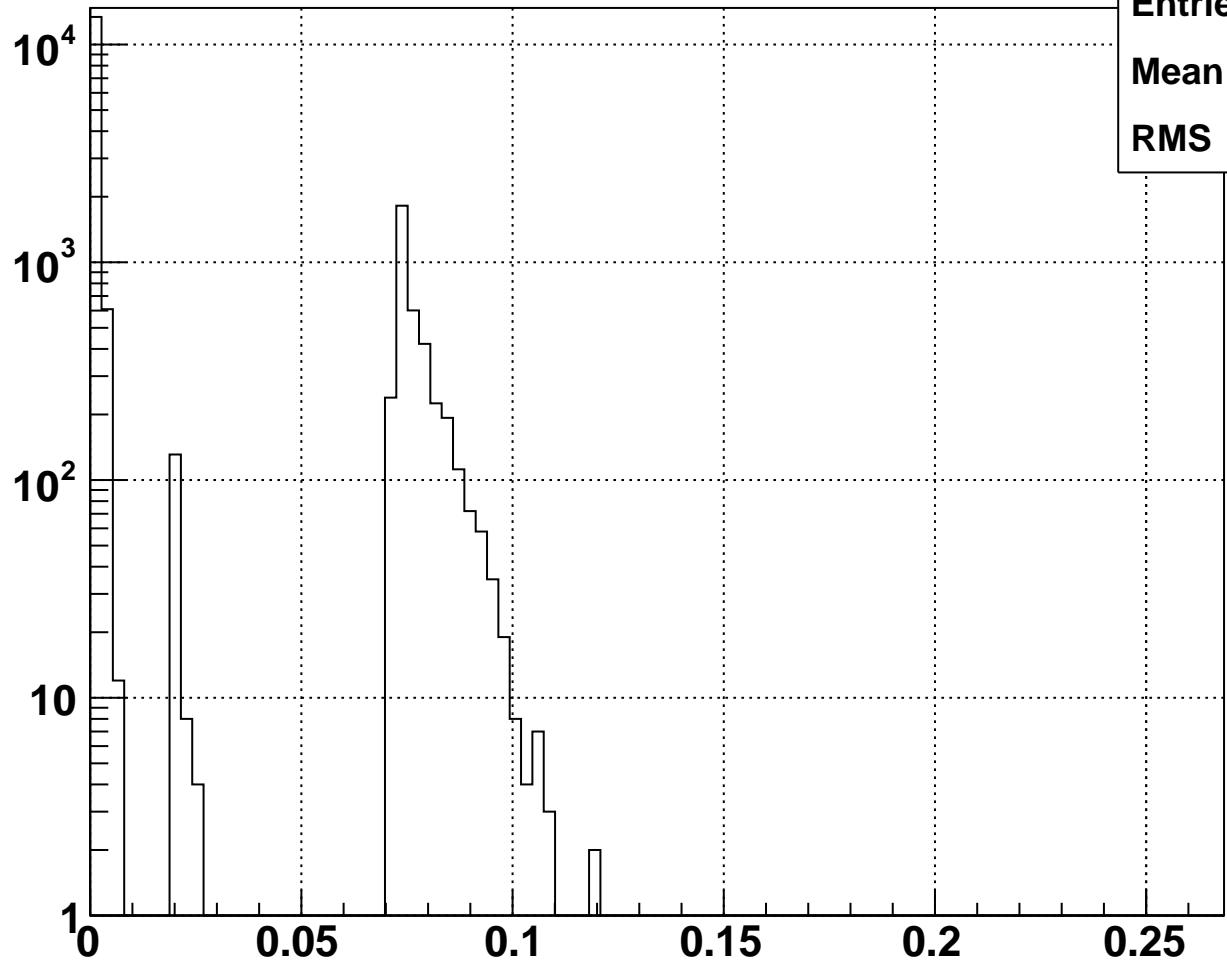
fst_TimeByTrigger

fst_TimeByTrigger



Entries 16045
Mean 51.81
RMS 8.623

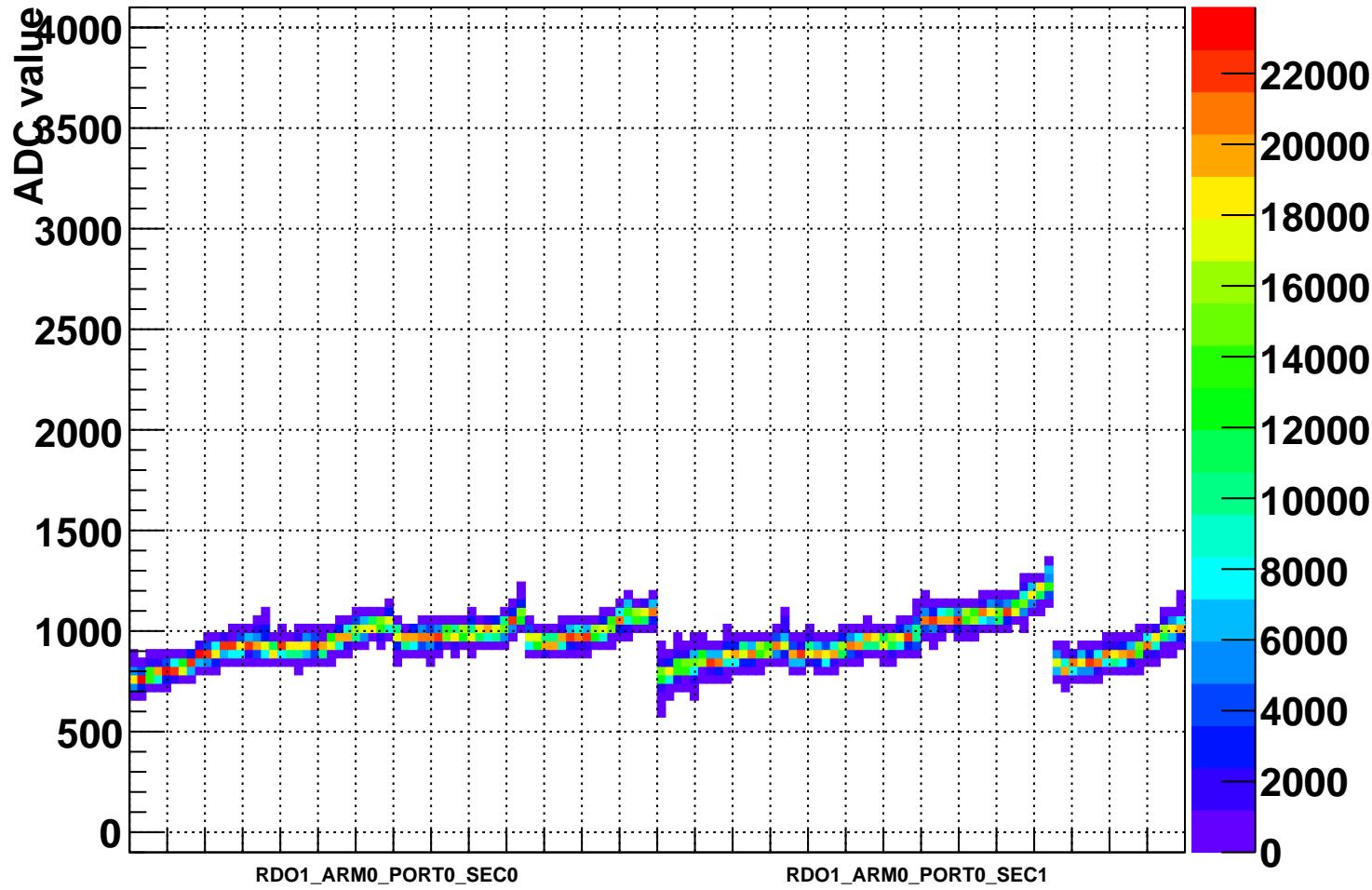
fst_Time



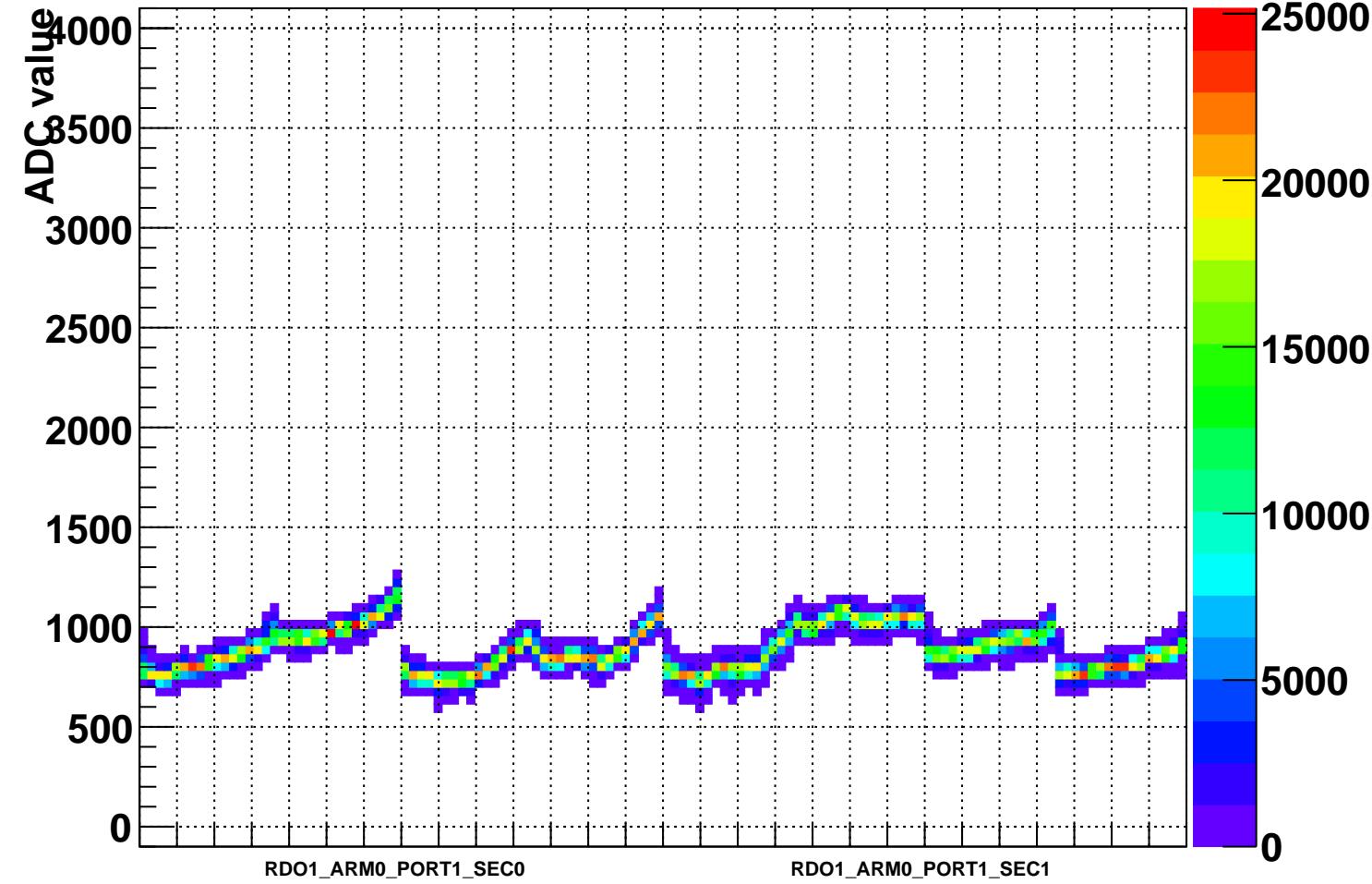
fst_Time

Entries 17972
Mean 0.01806
RMS 0.03087

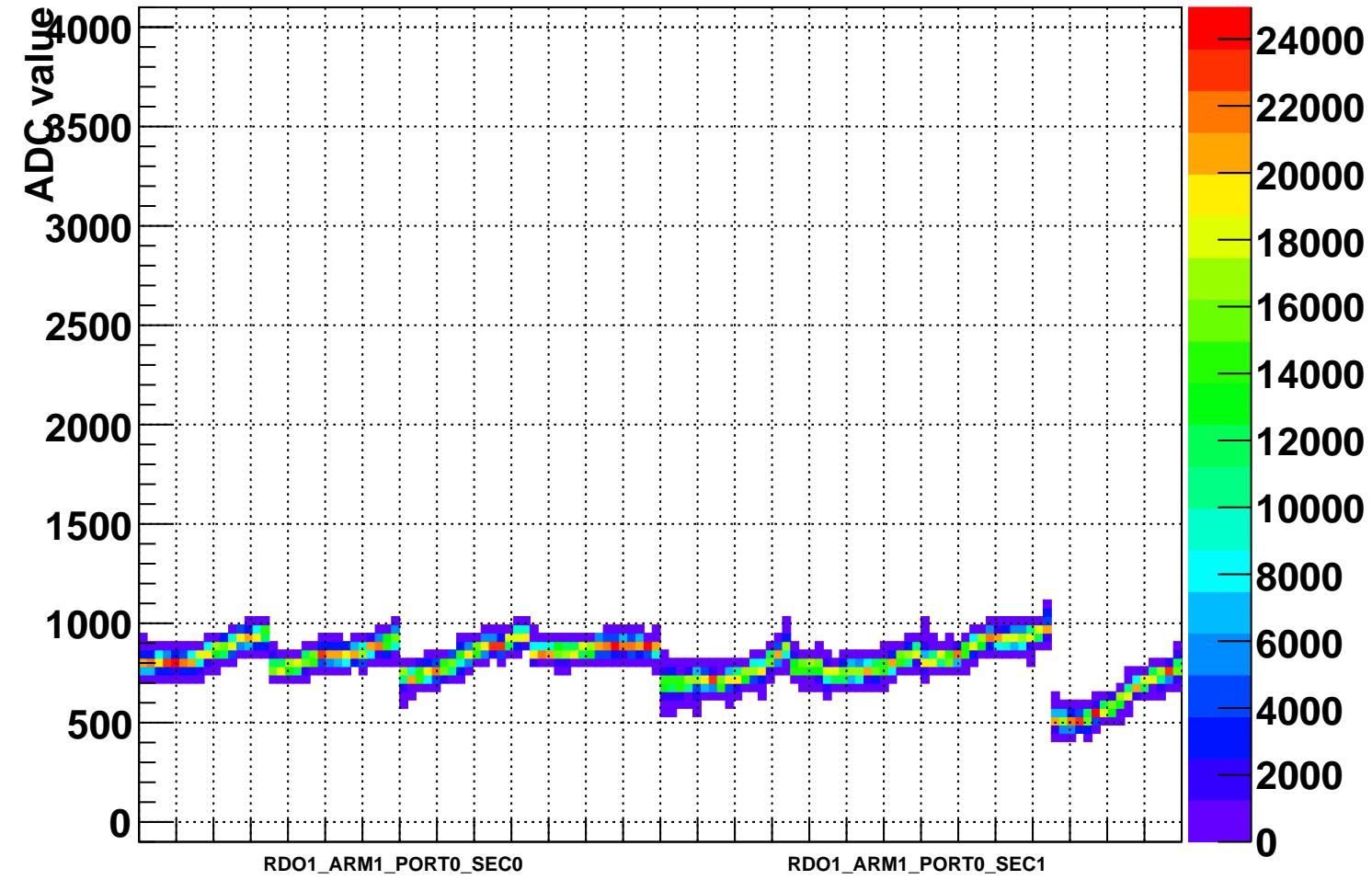
FST - ADC vs Channel Id: Disk1 Module1



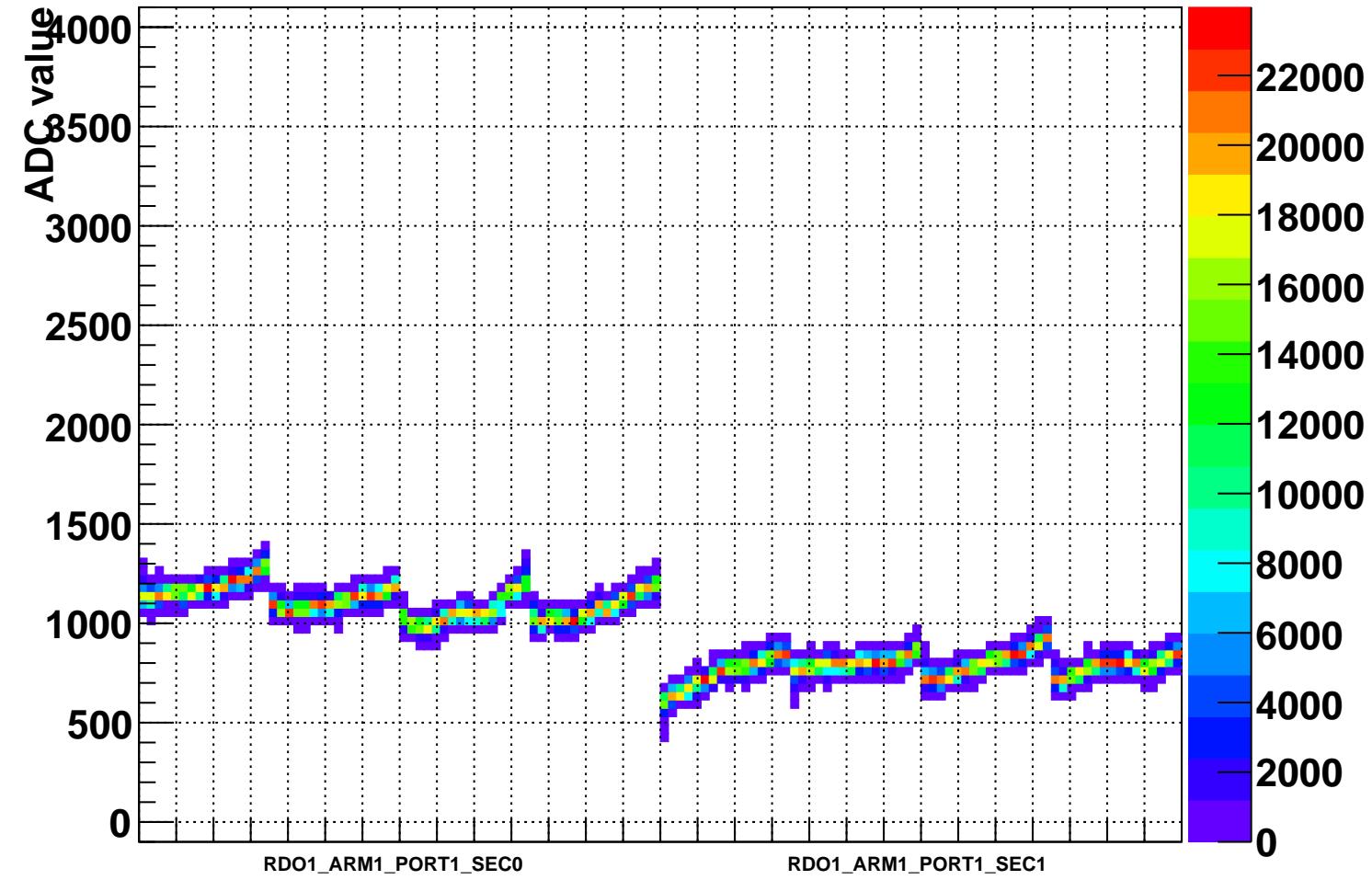
FST - ADC vs Channel Id: Disk1 Module2



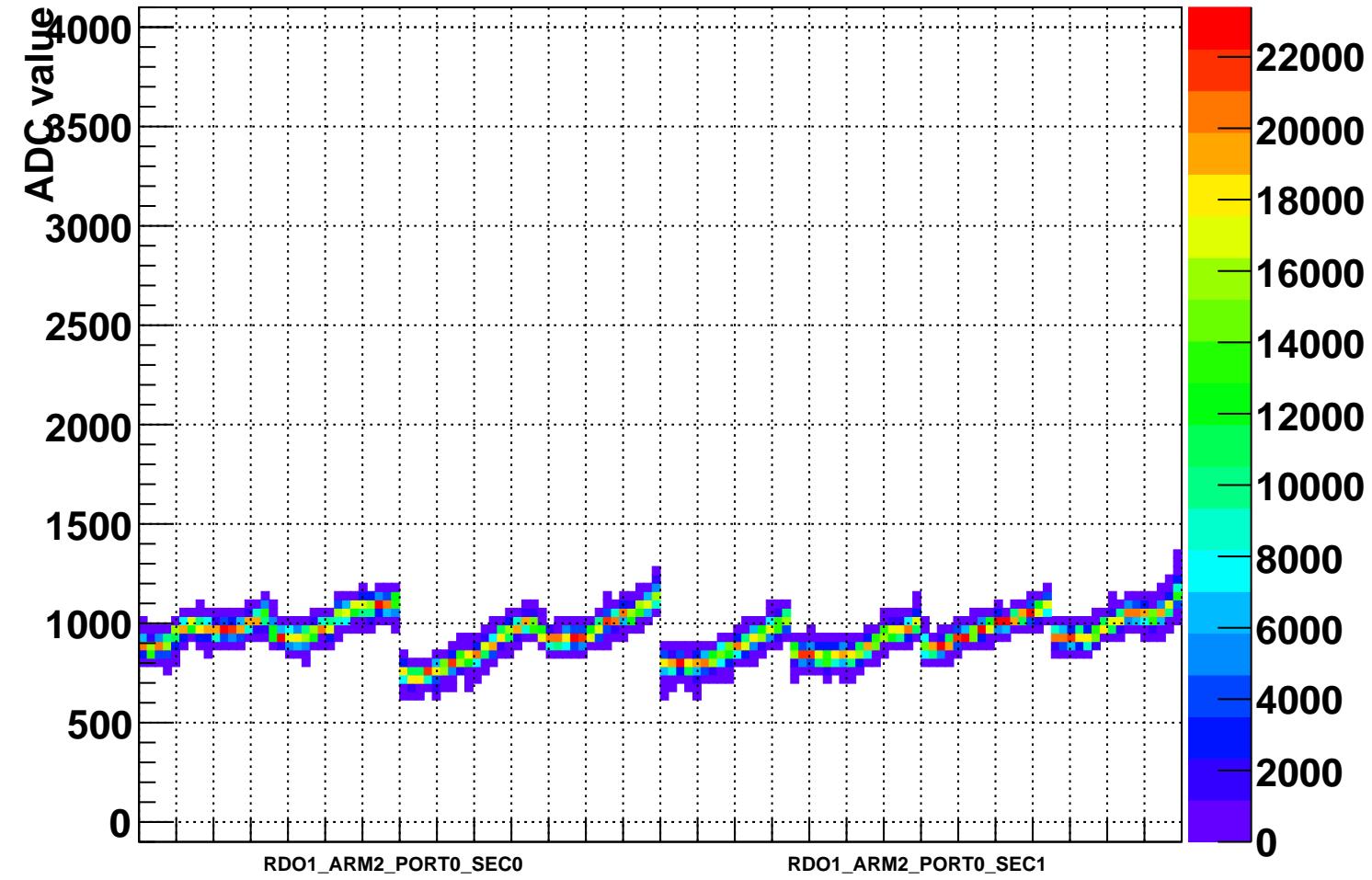
FST - ADC vs Channel Id: Disk1 Module3



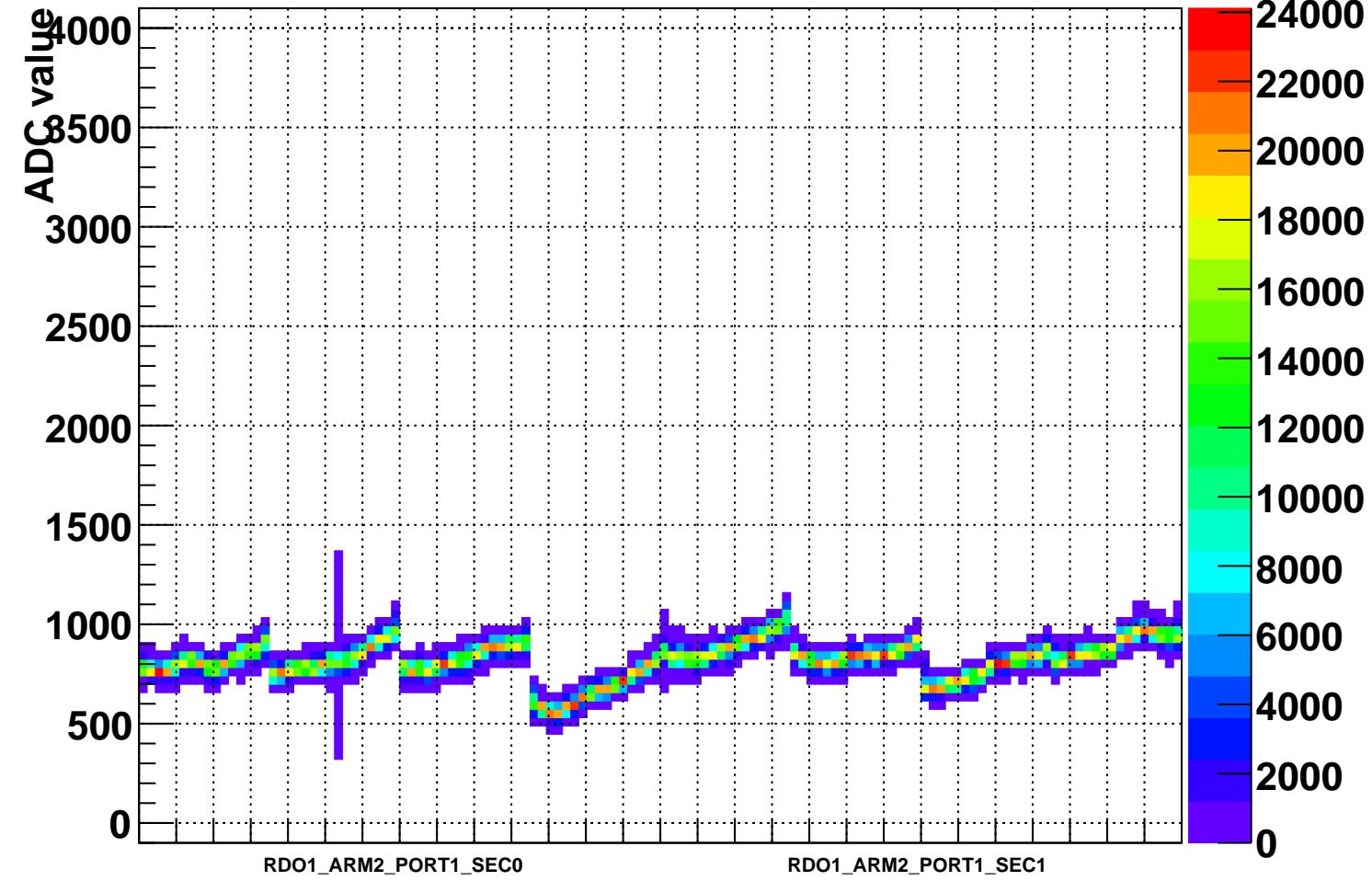
FST - ADC vs Channel Id: Disk1 Module4



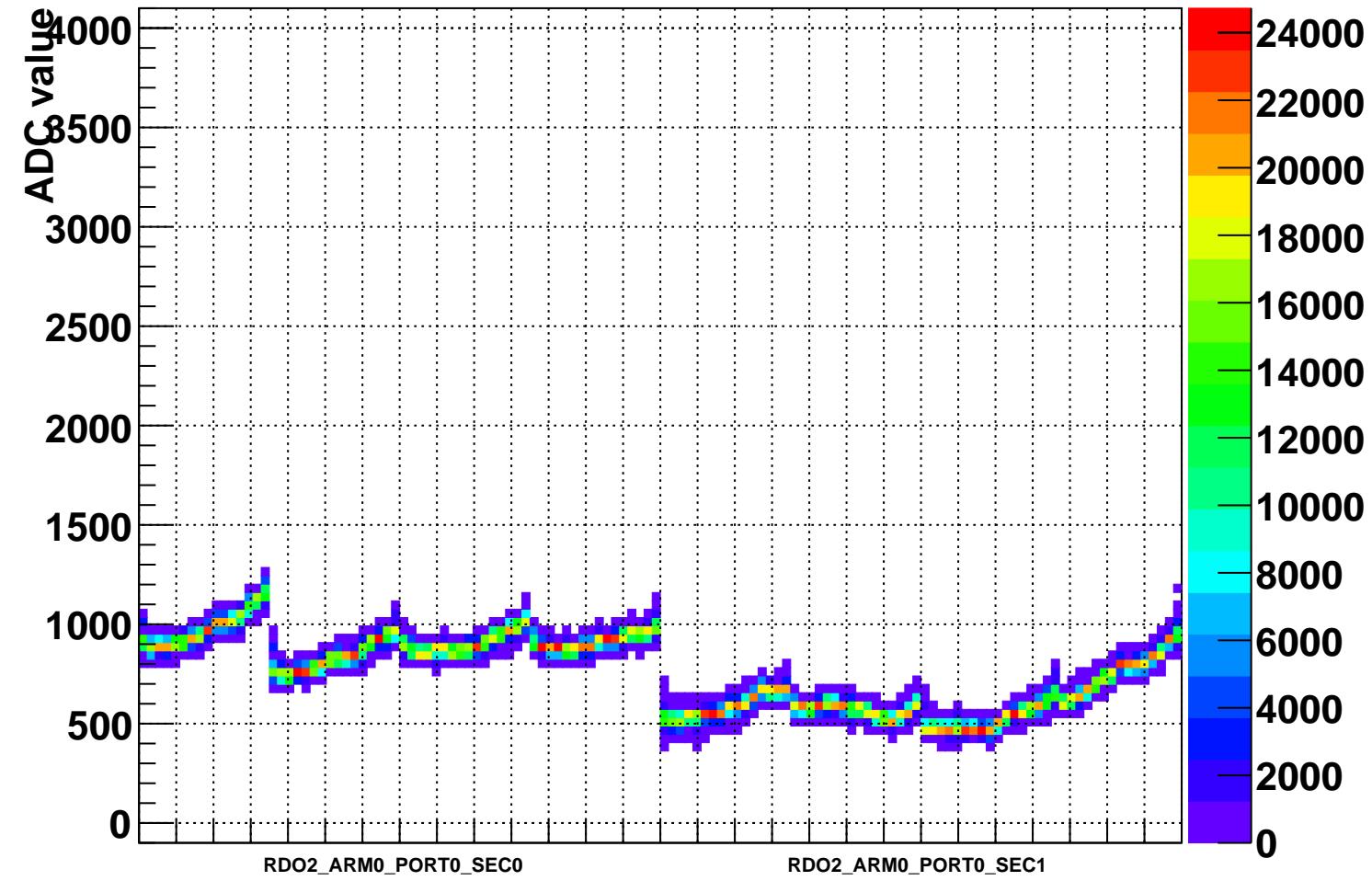
FST - ADC vs Channel Id: Disk1 Module5



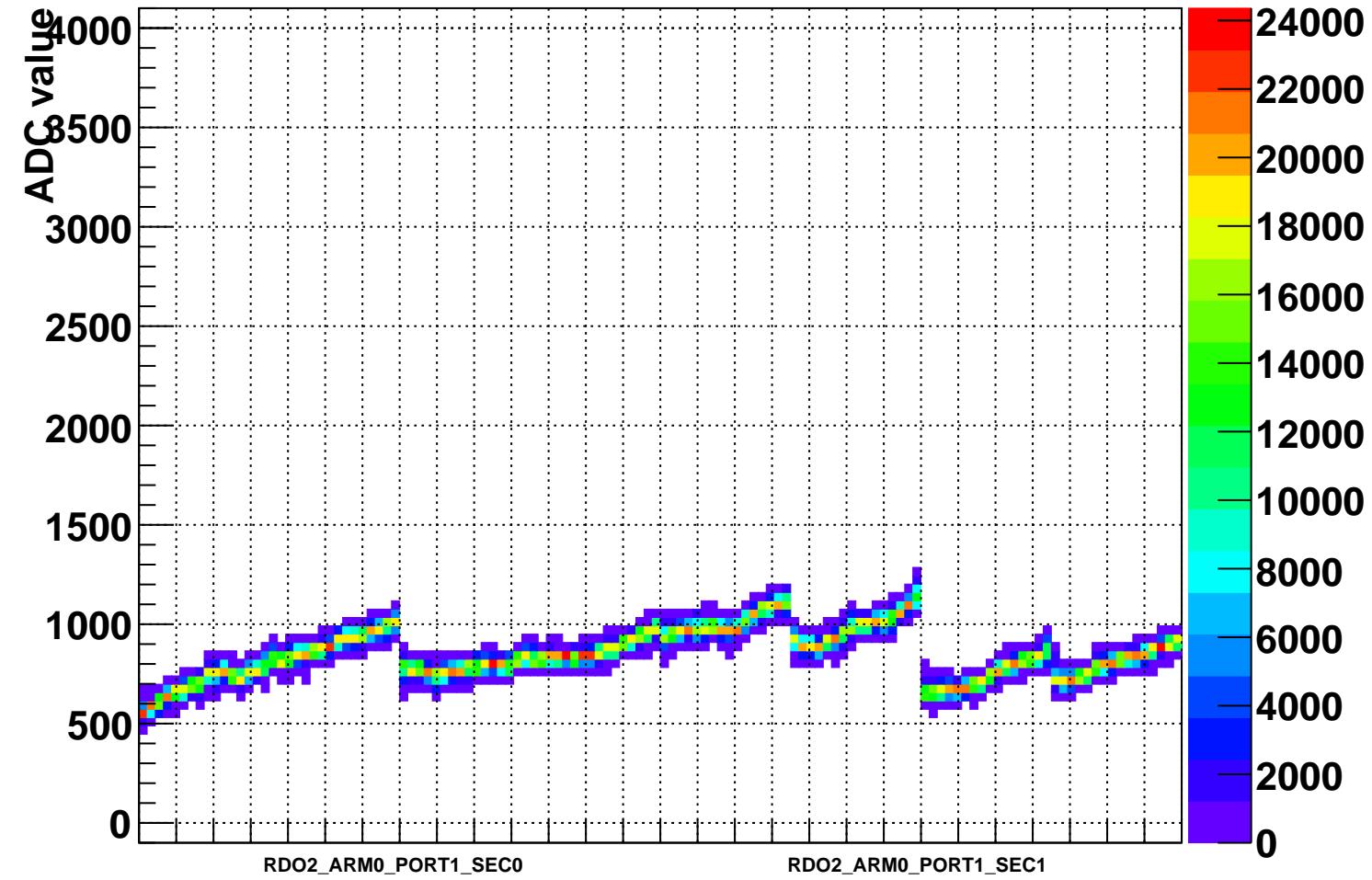
FST - ADC vs Channel Id: Disk1 Module6



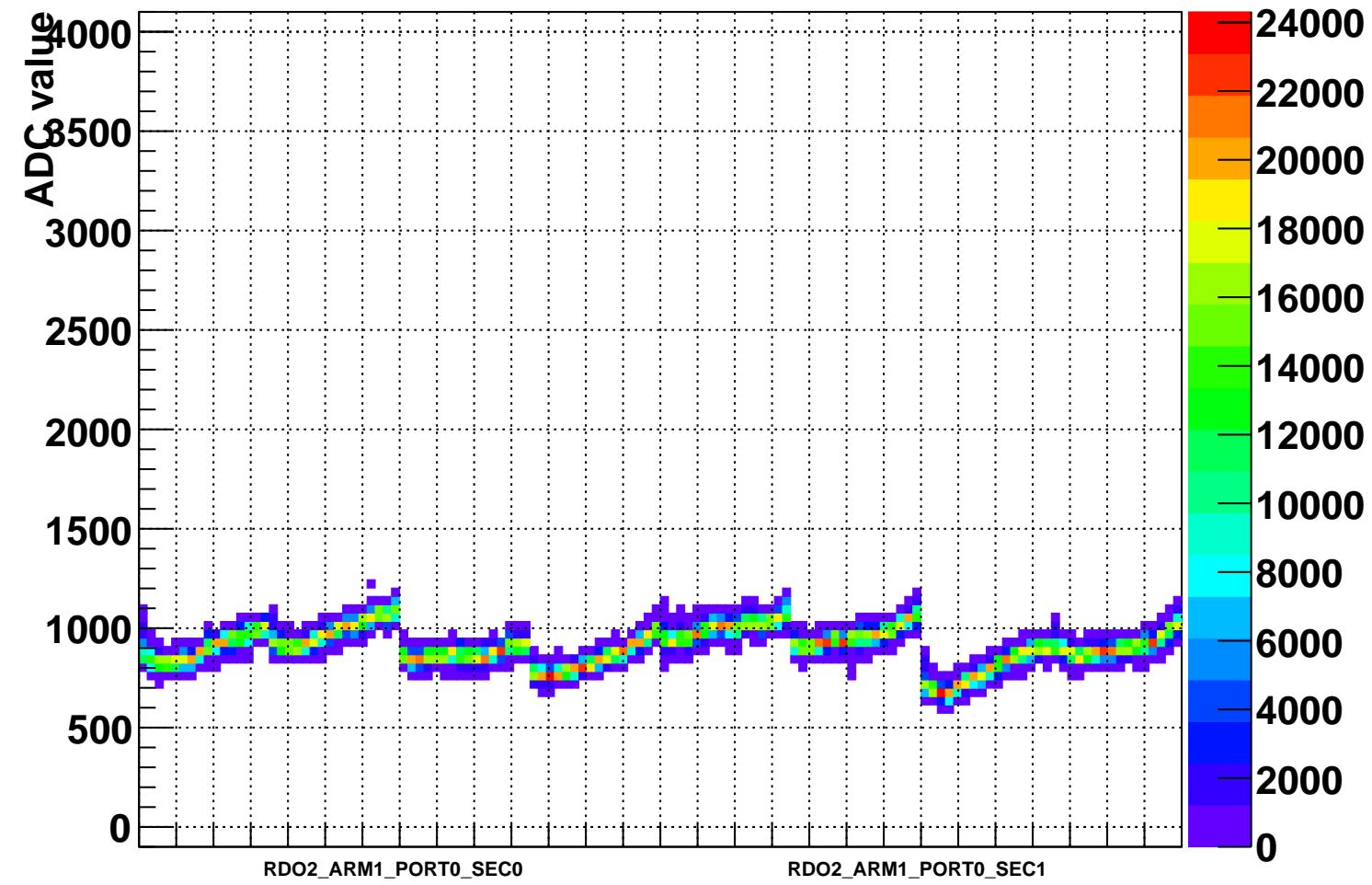
FST - ADC vs Channel Id: Disk1 Module7



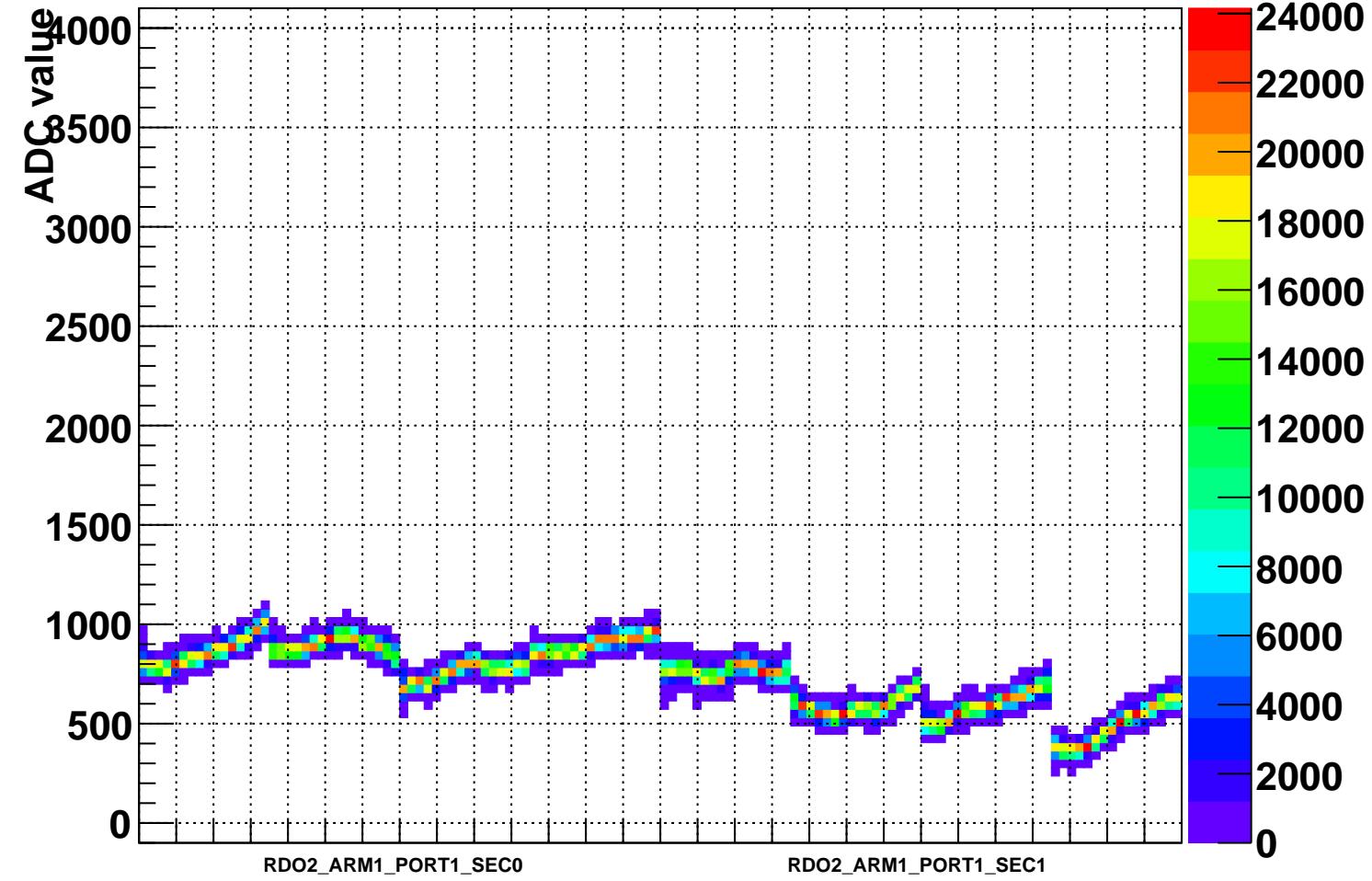
FST - ADC vs Channel Id: Disk1 Module8



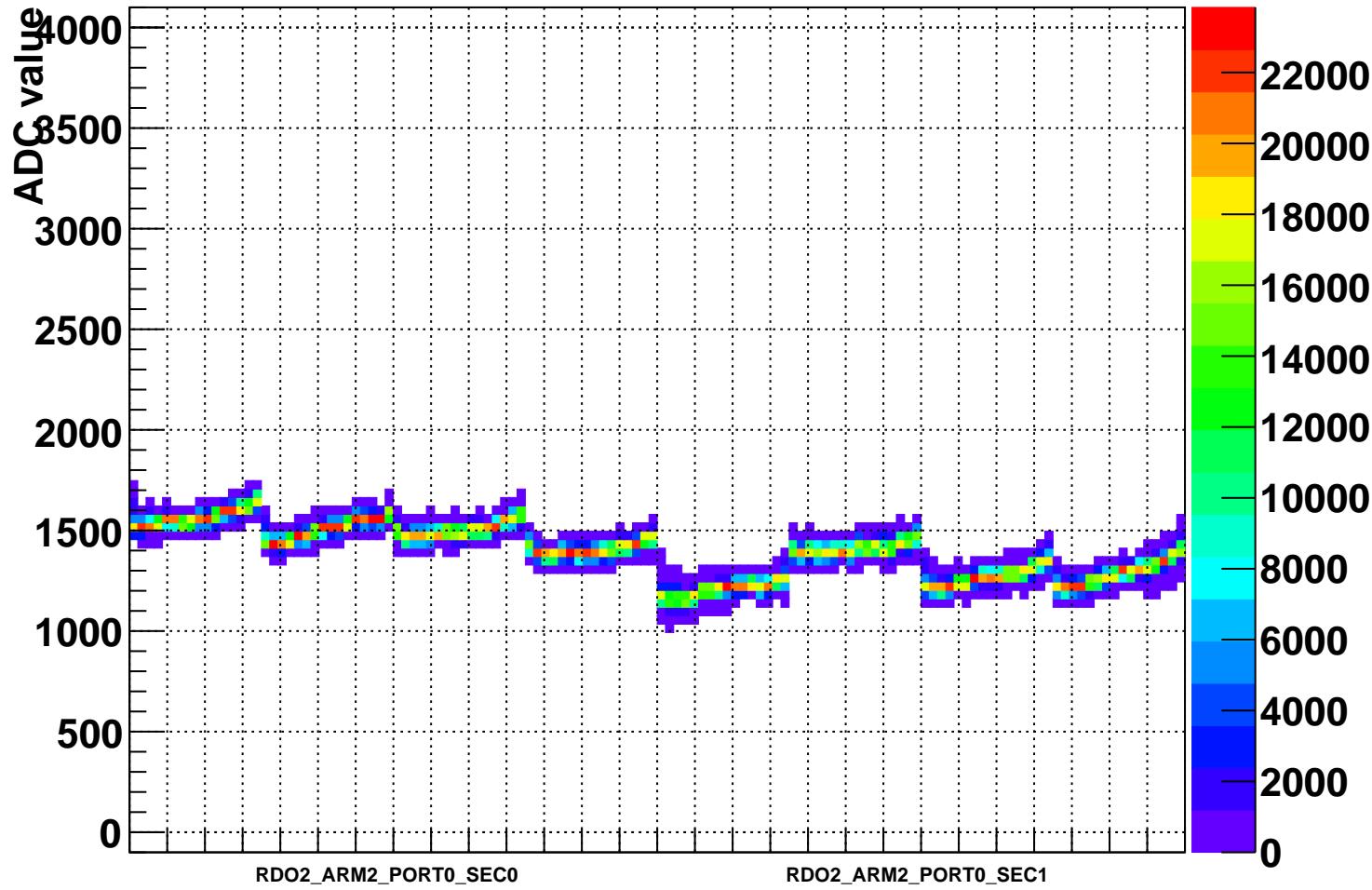
FST - ADC vs Channel Id: Disk1 Module9



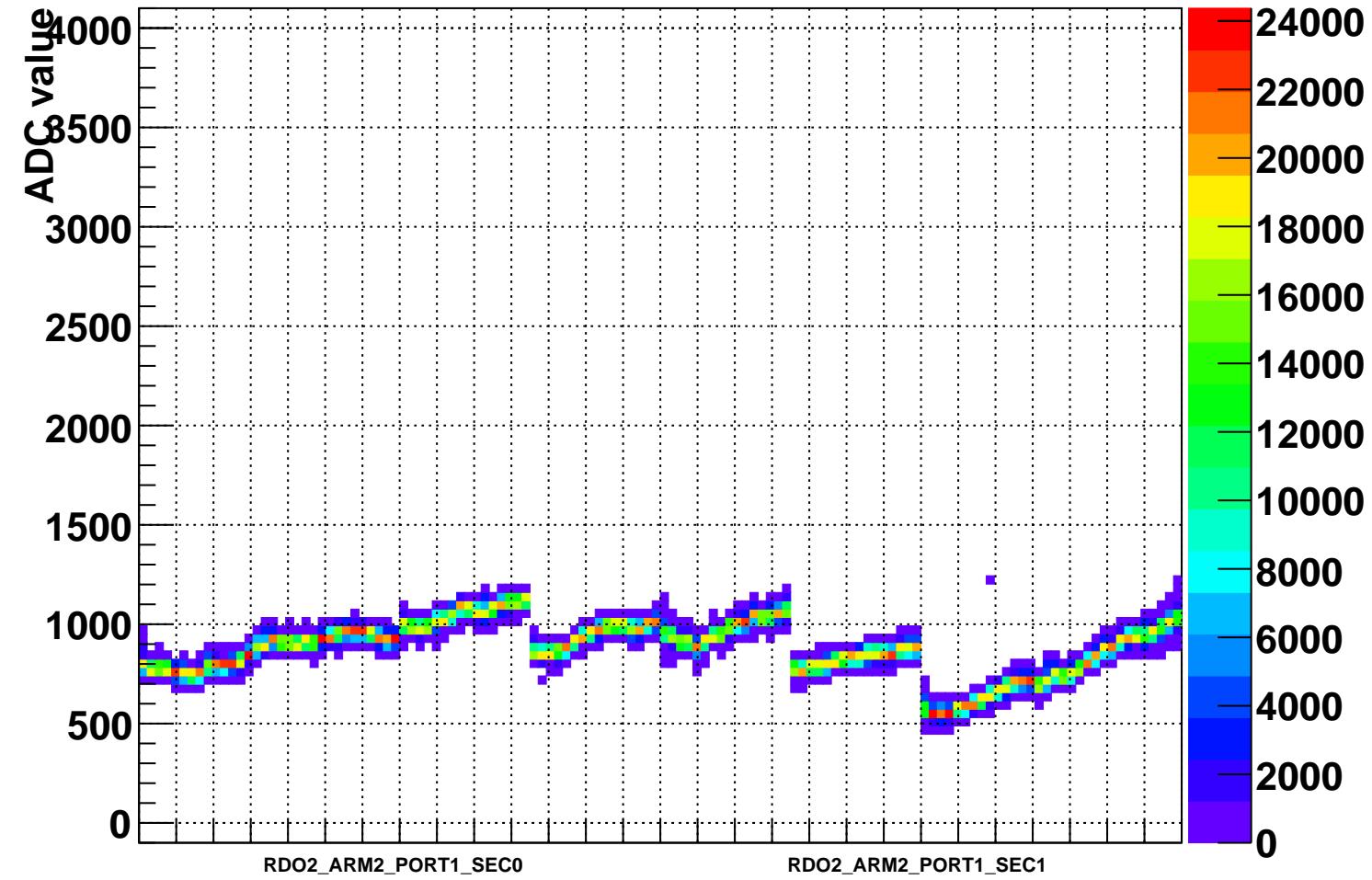
FST - ADC vs Channel Id: Disk1 Module10



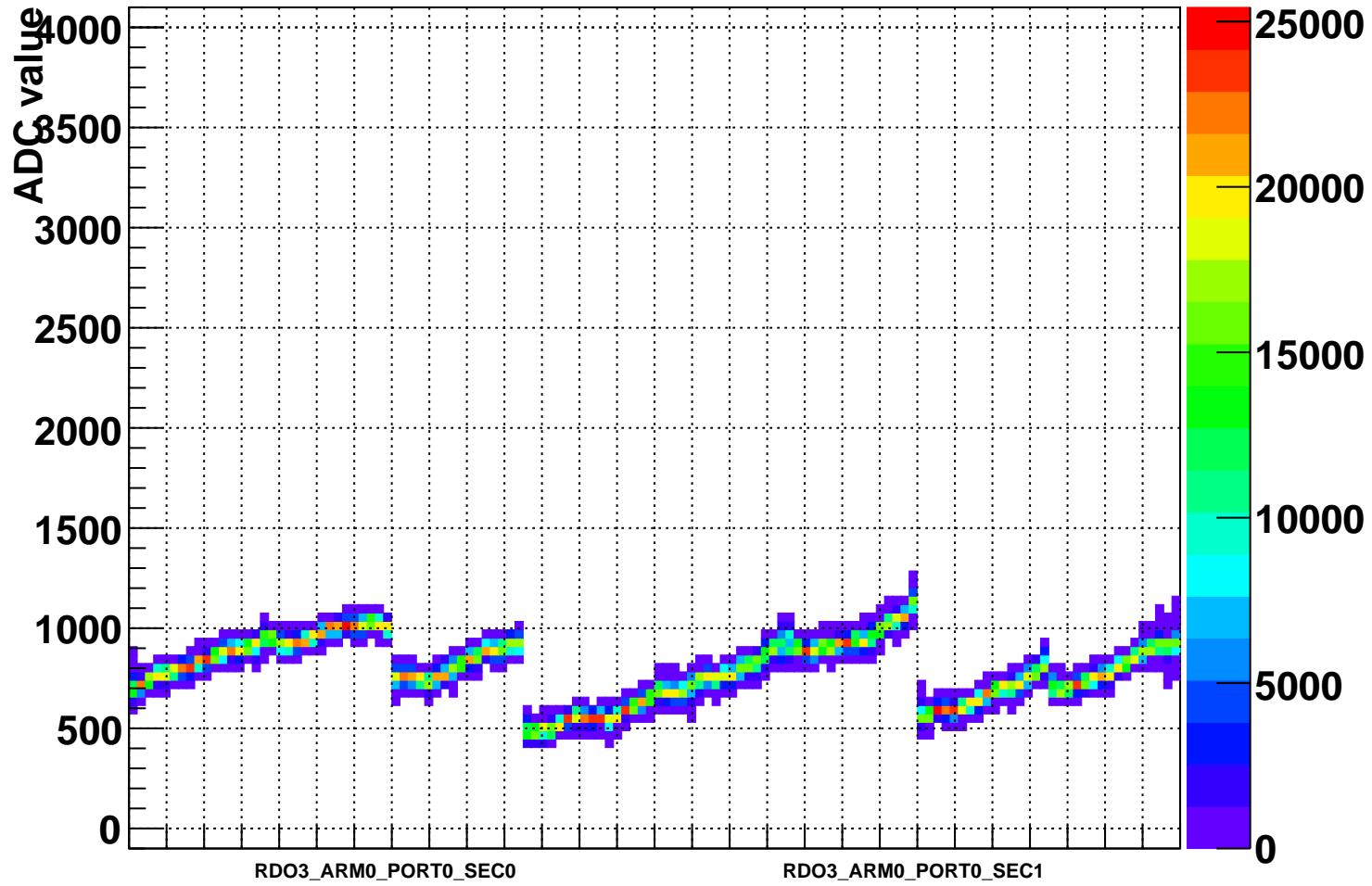
FST - ADC vs Channel Id: Disk1 Module11



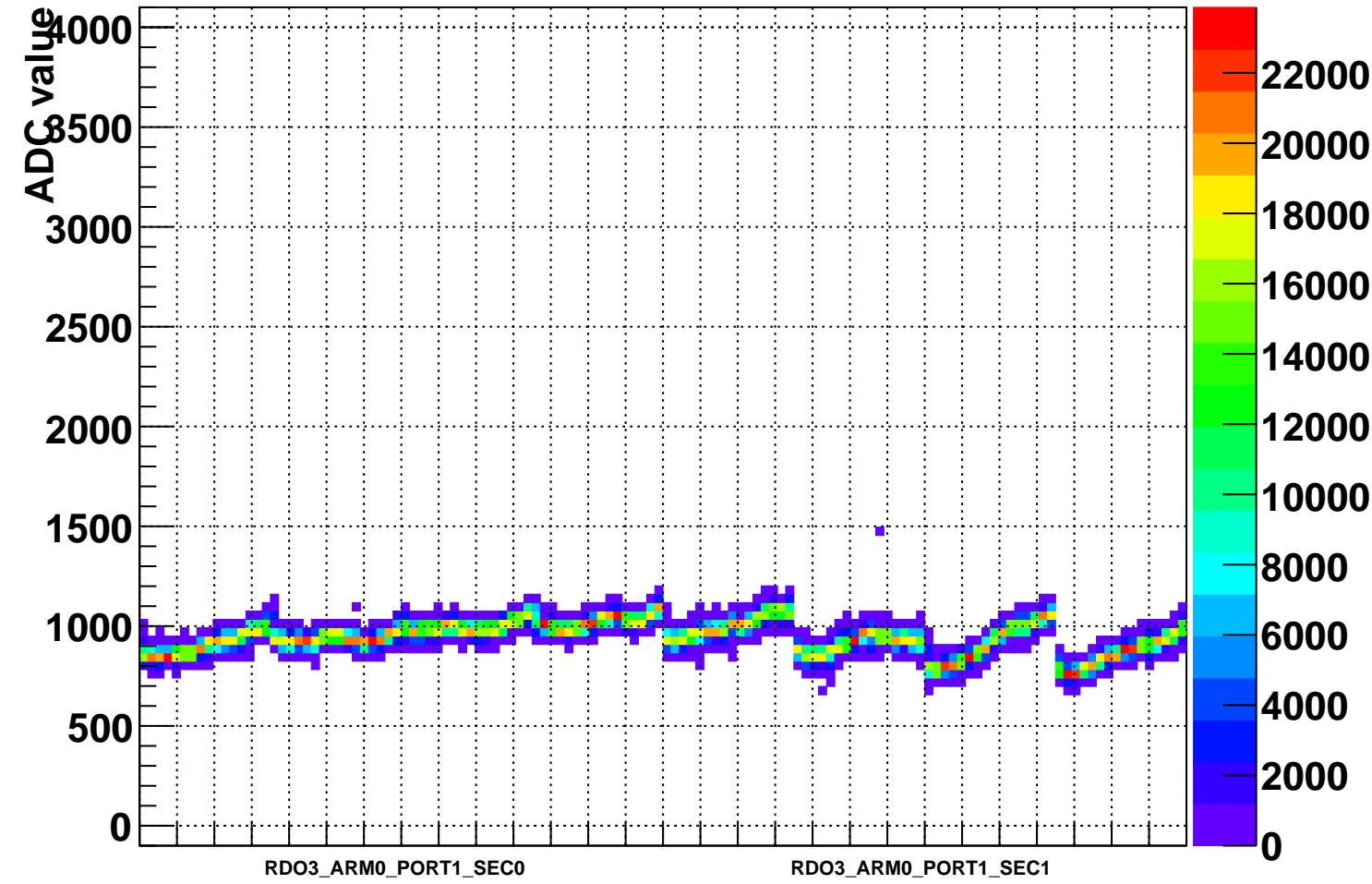
FST - ADC vs Channel Id: Disk1 Module12



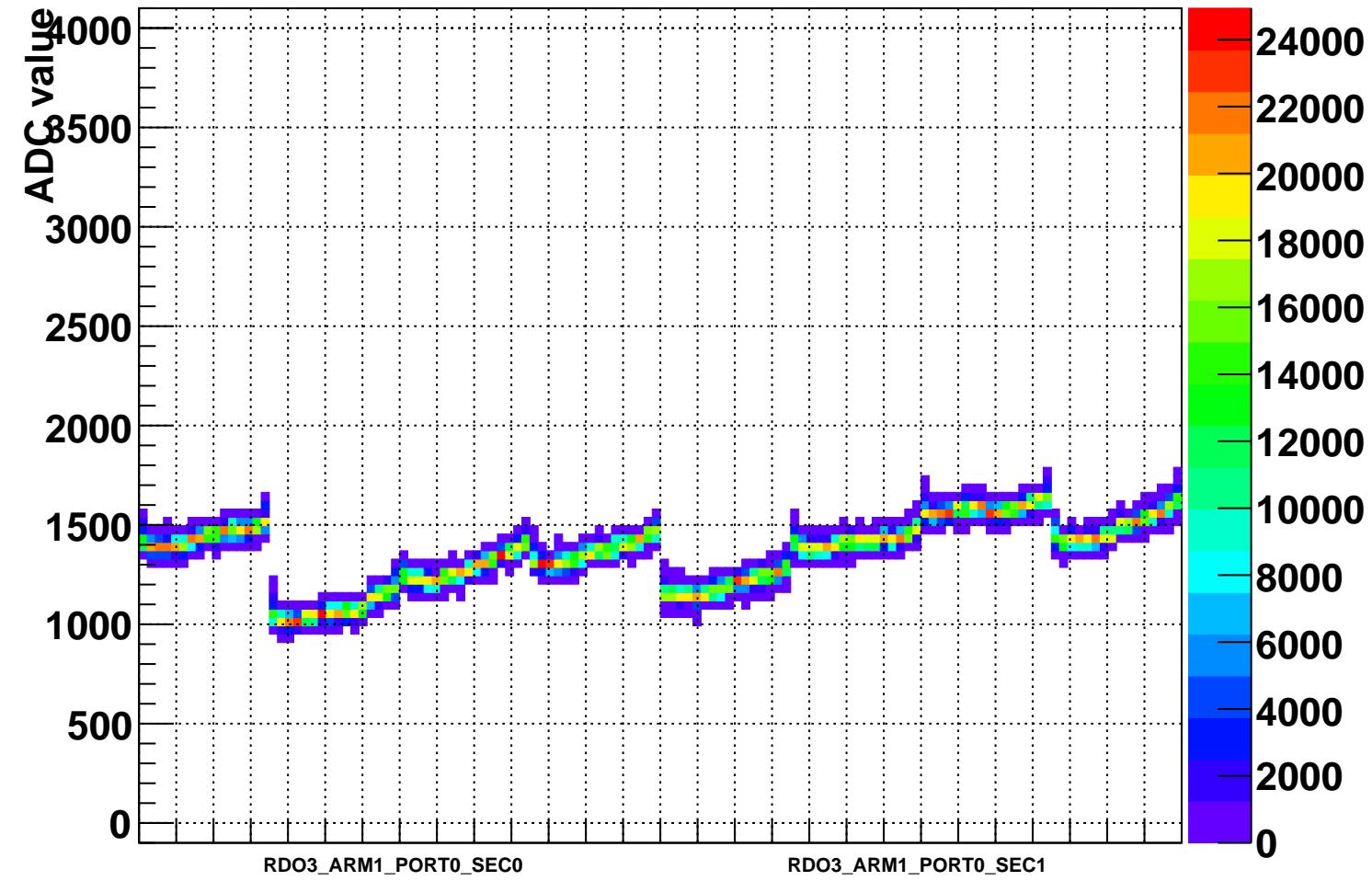
FST - ADC vs Channel Id: Disk2 Module1



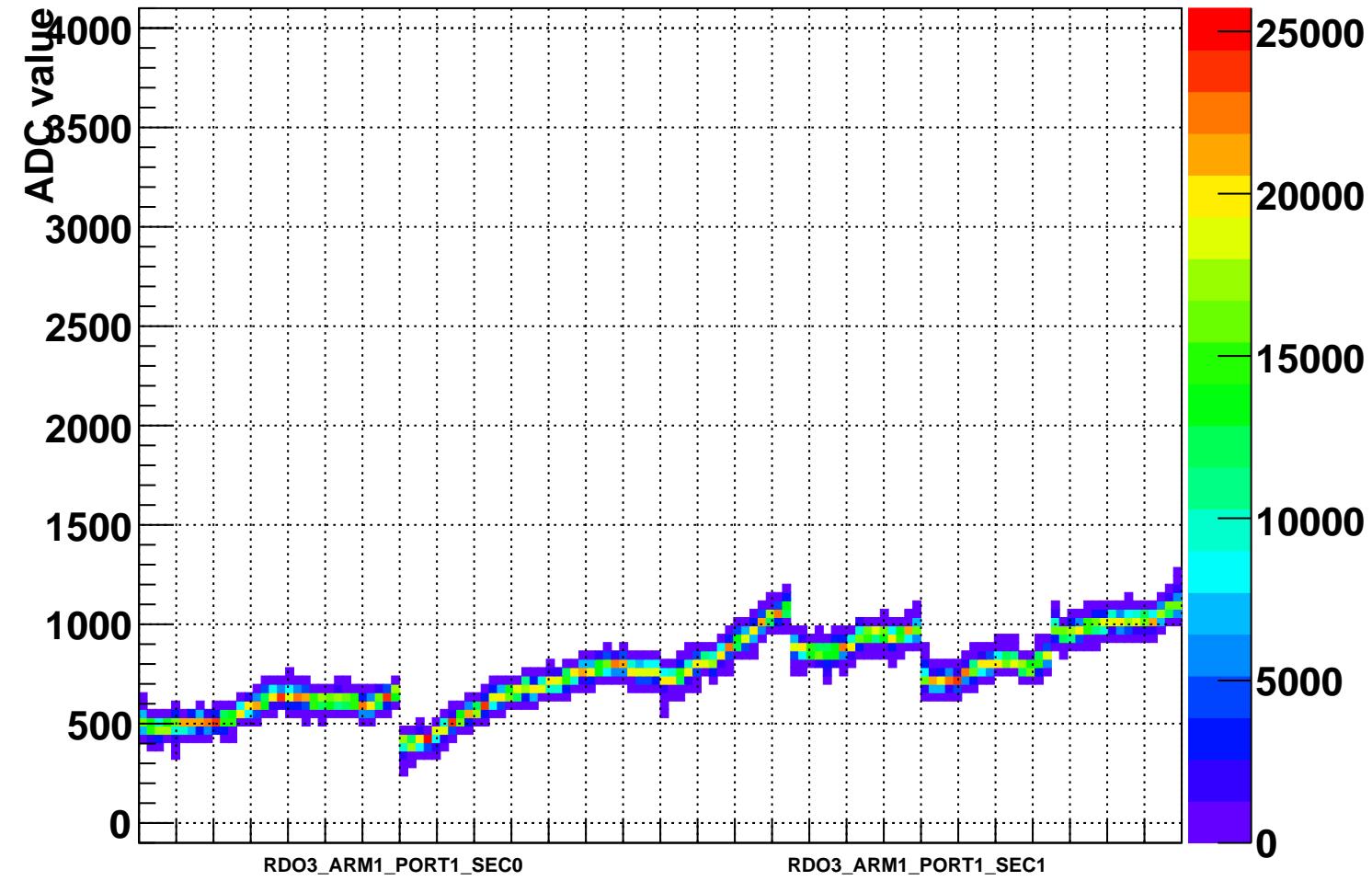
FST - ADC vs Channel Id: Disk2 Module2



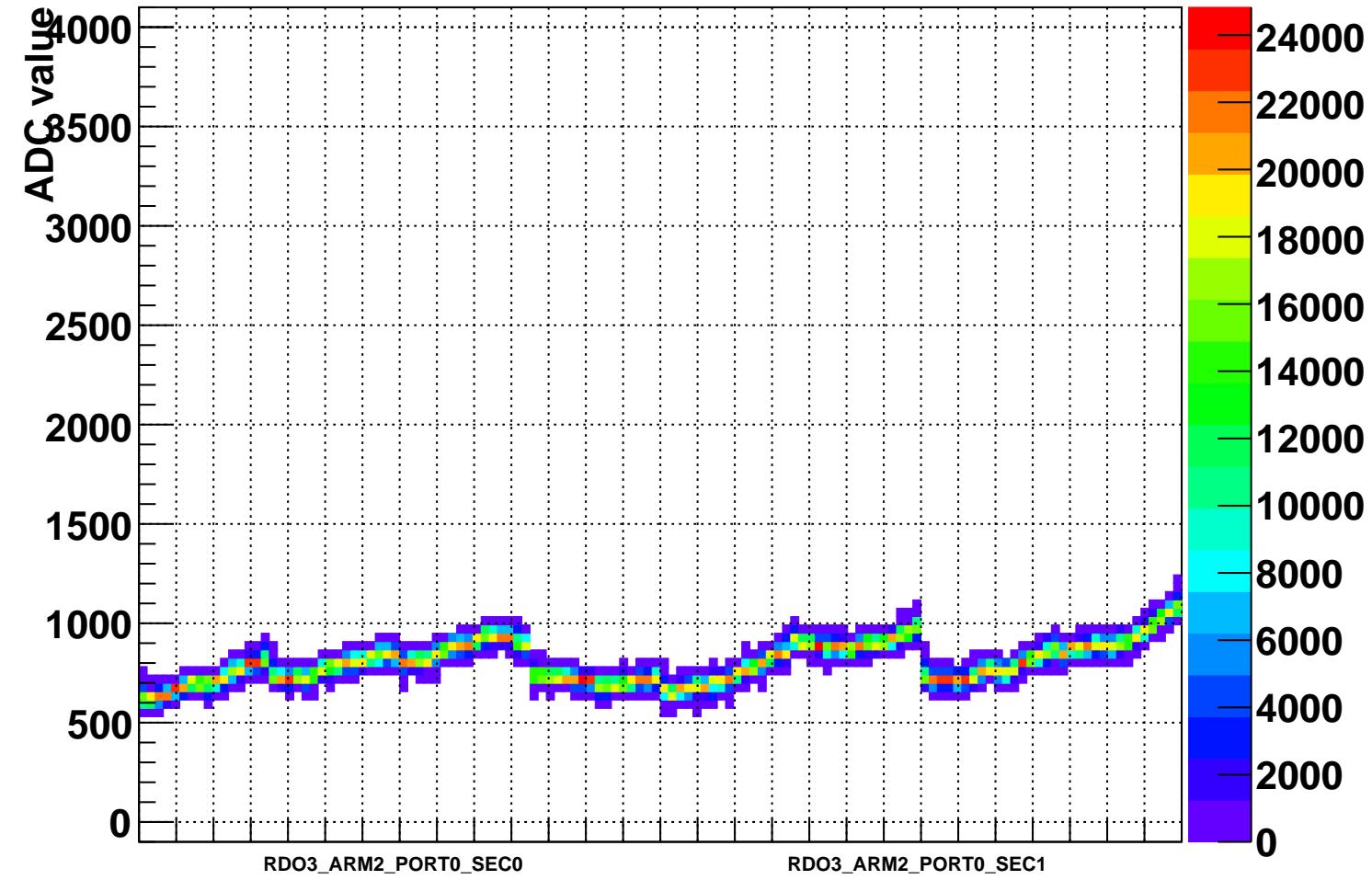
FST - ADC vs Channel Id: Disk2 Module3



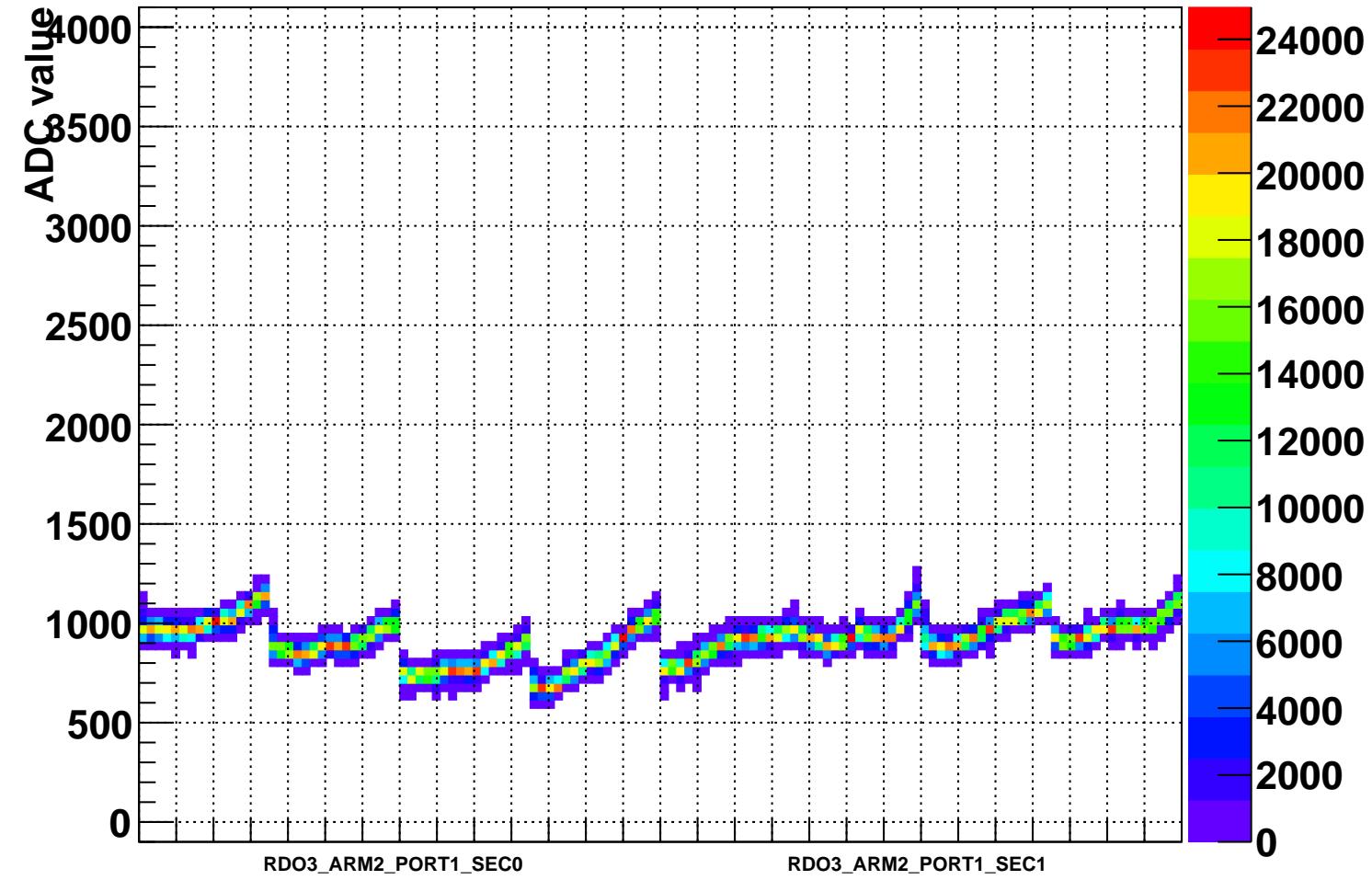
FST - ADC vs Channel Id: Disk2 Module4



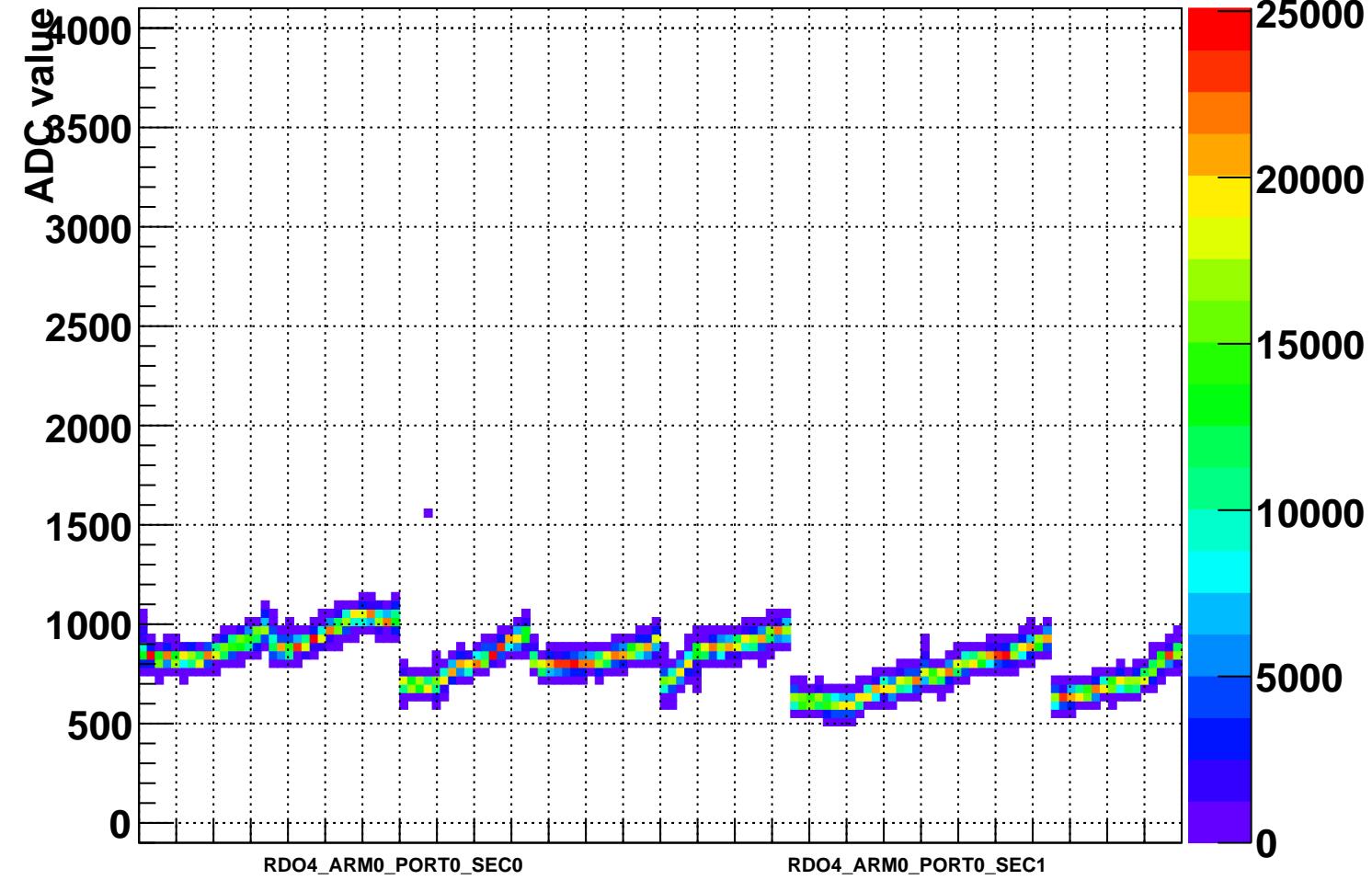
FST - ADC vs Channel Id: Disk2 Module5



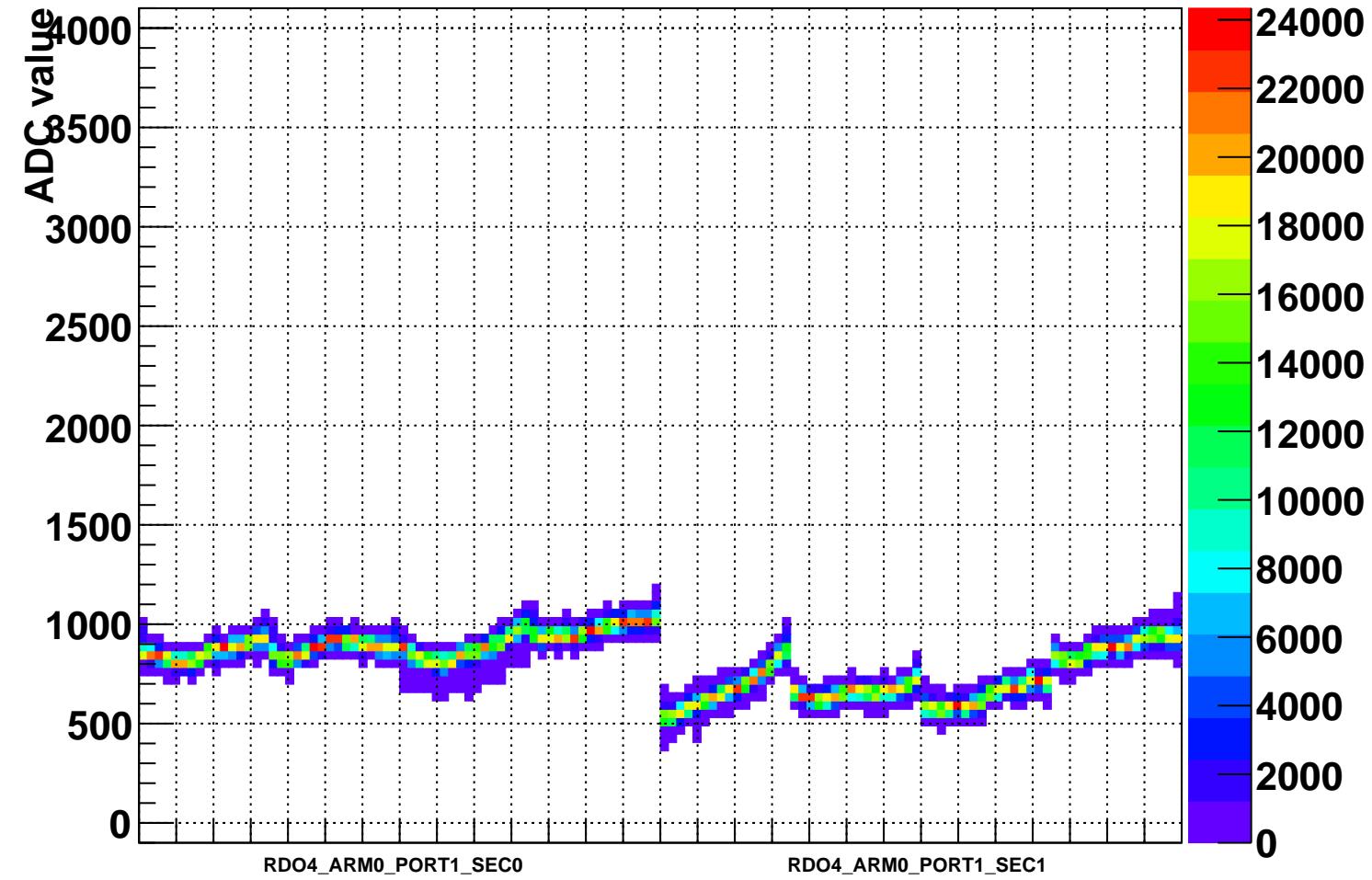
FST - ADC vs Channel Id: Disk2 Module6



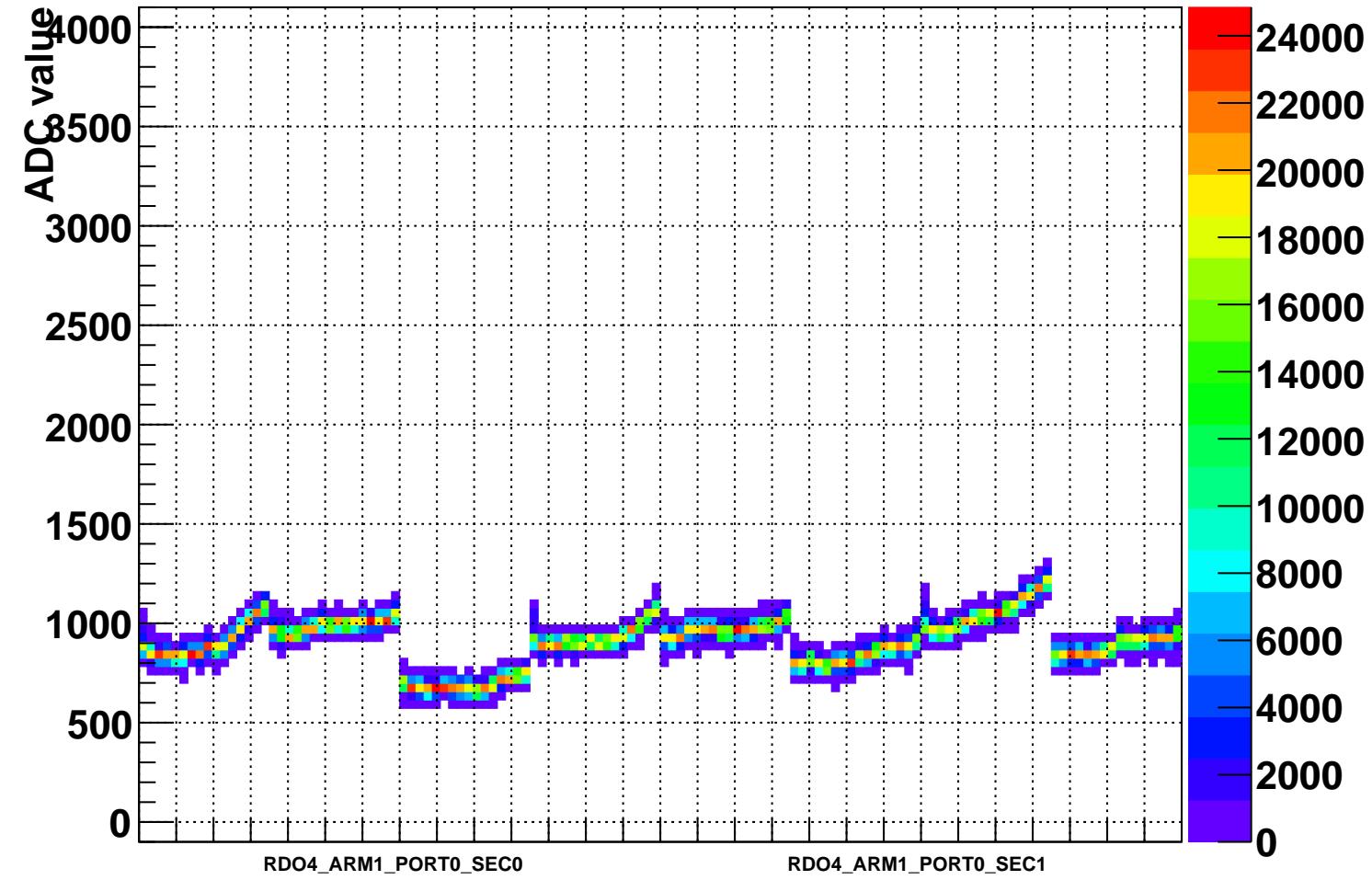
FST - ADC vs Channel Id: Disk2 Module7



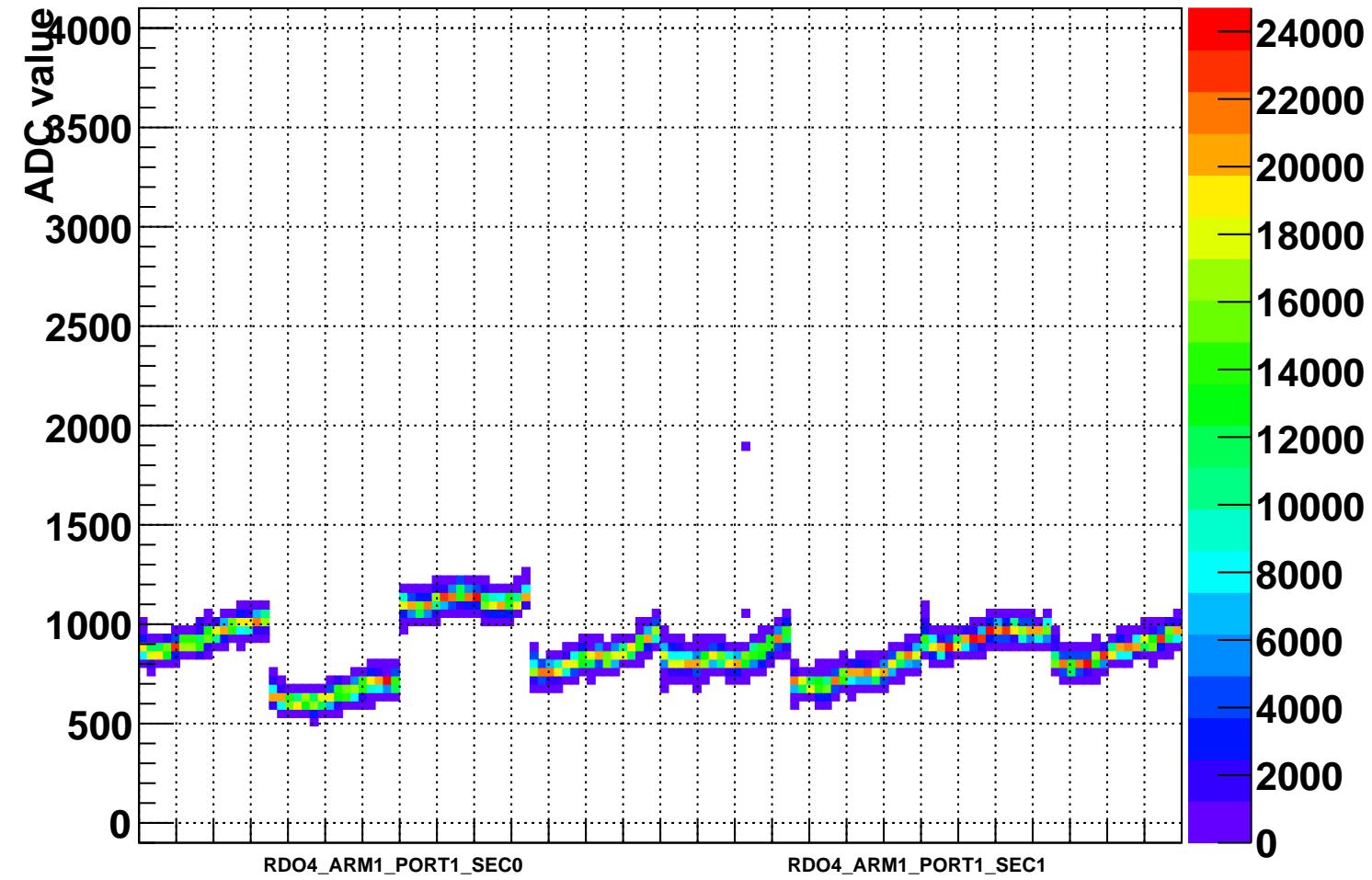
FST - ADC vs Channel Id: Disk2 Module8



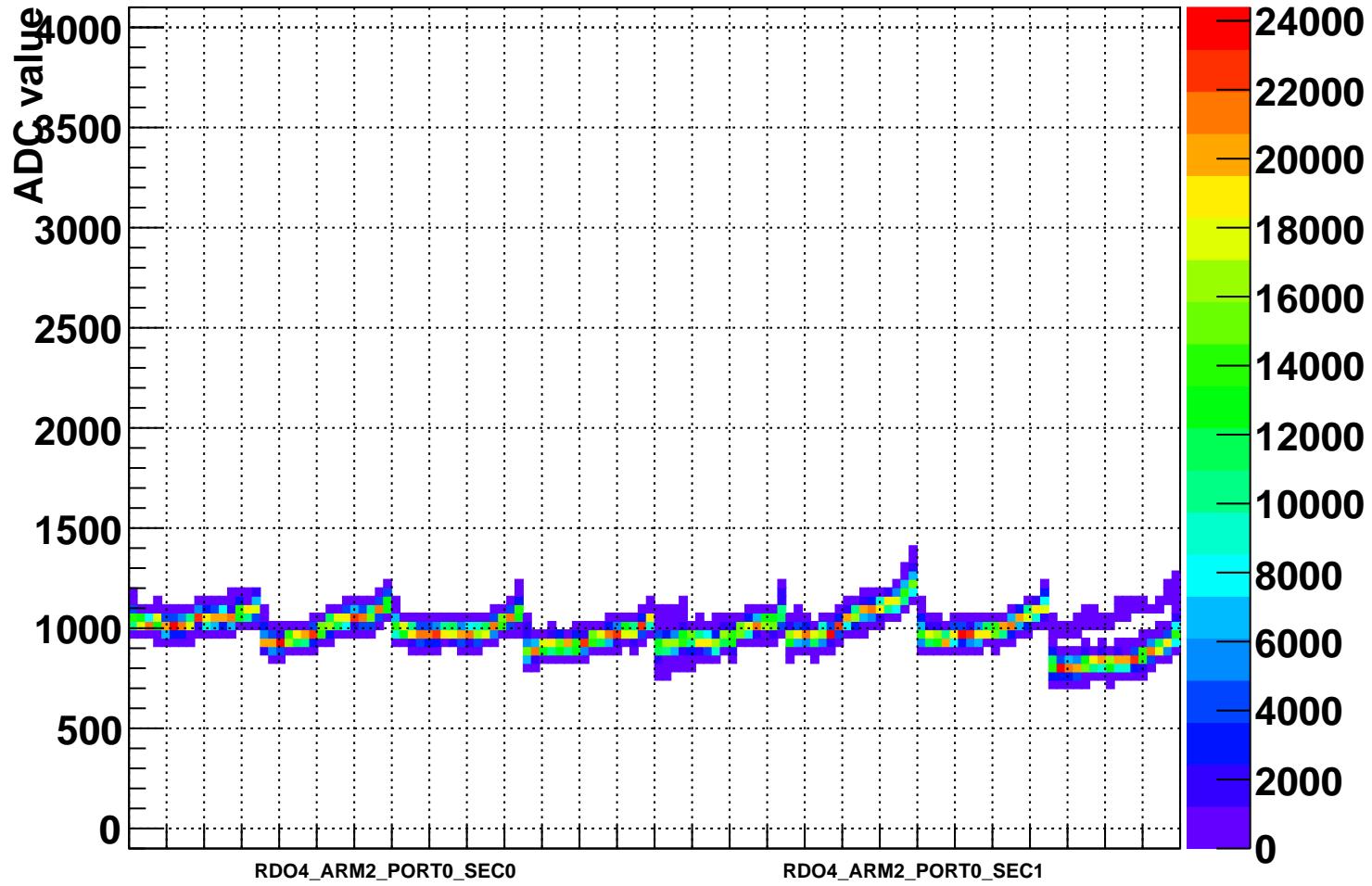
FST - ADC vs Channel Id: Disk2 Module9



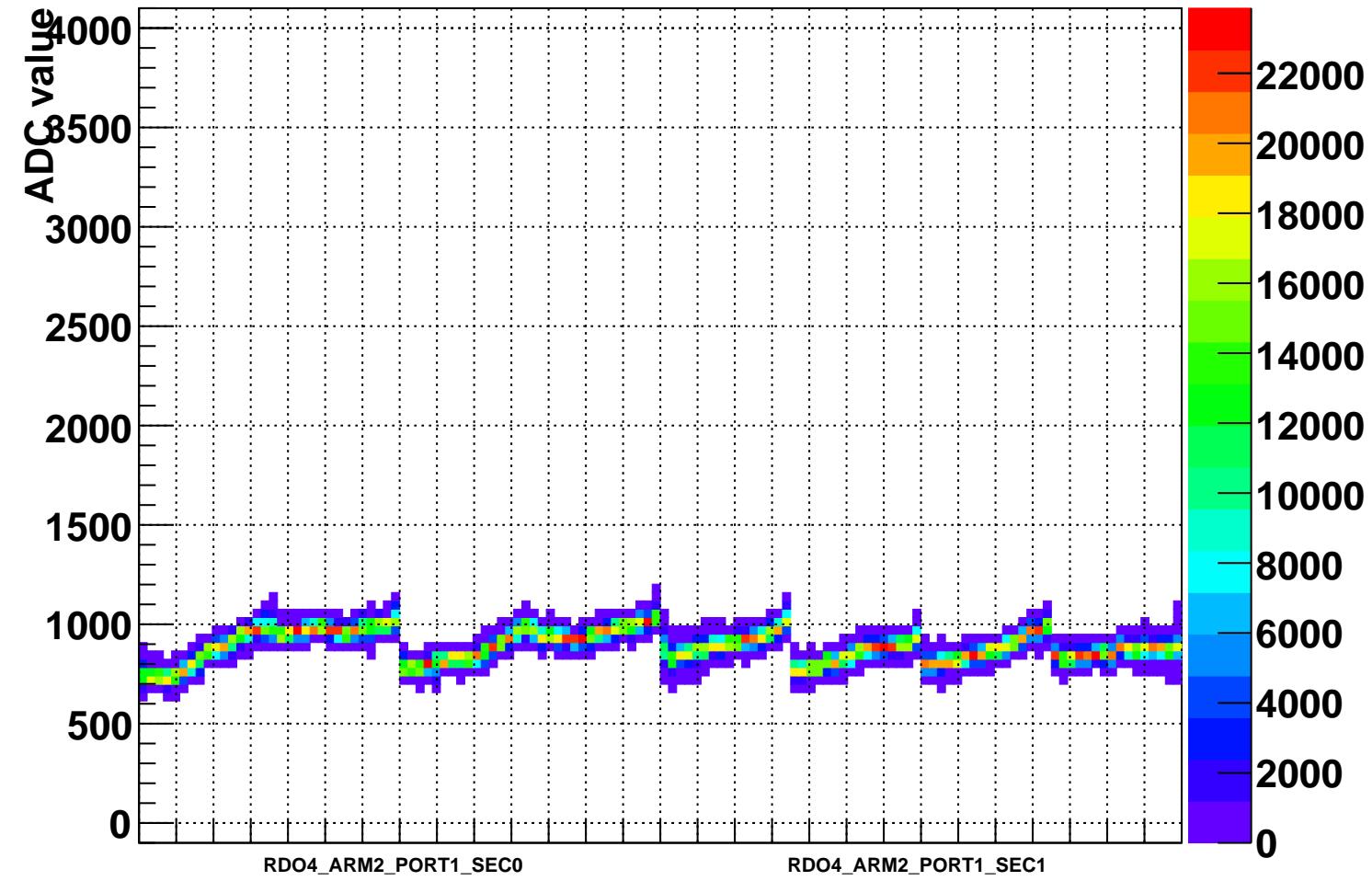
FST - ADC vs Channel Id: Disk2 Module10



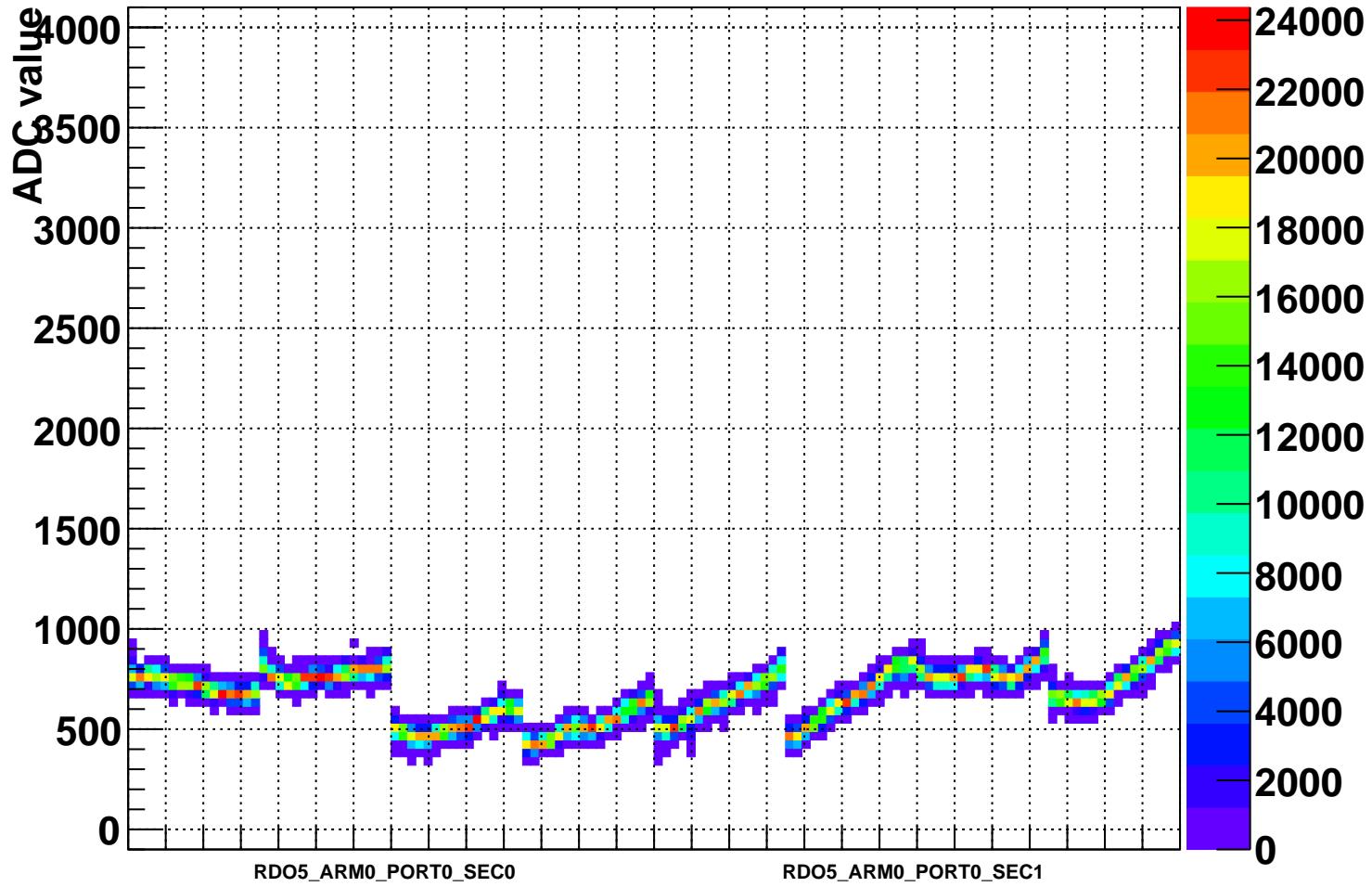
FST - ADC vs Channel Id: Disk2 Module11



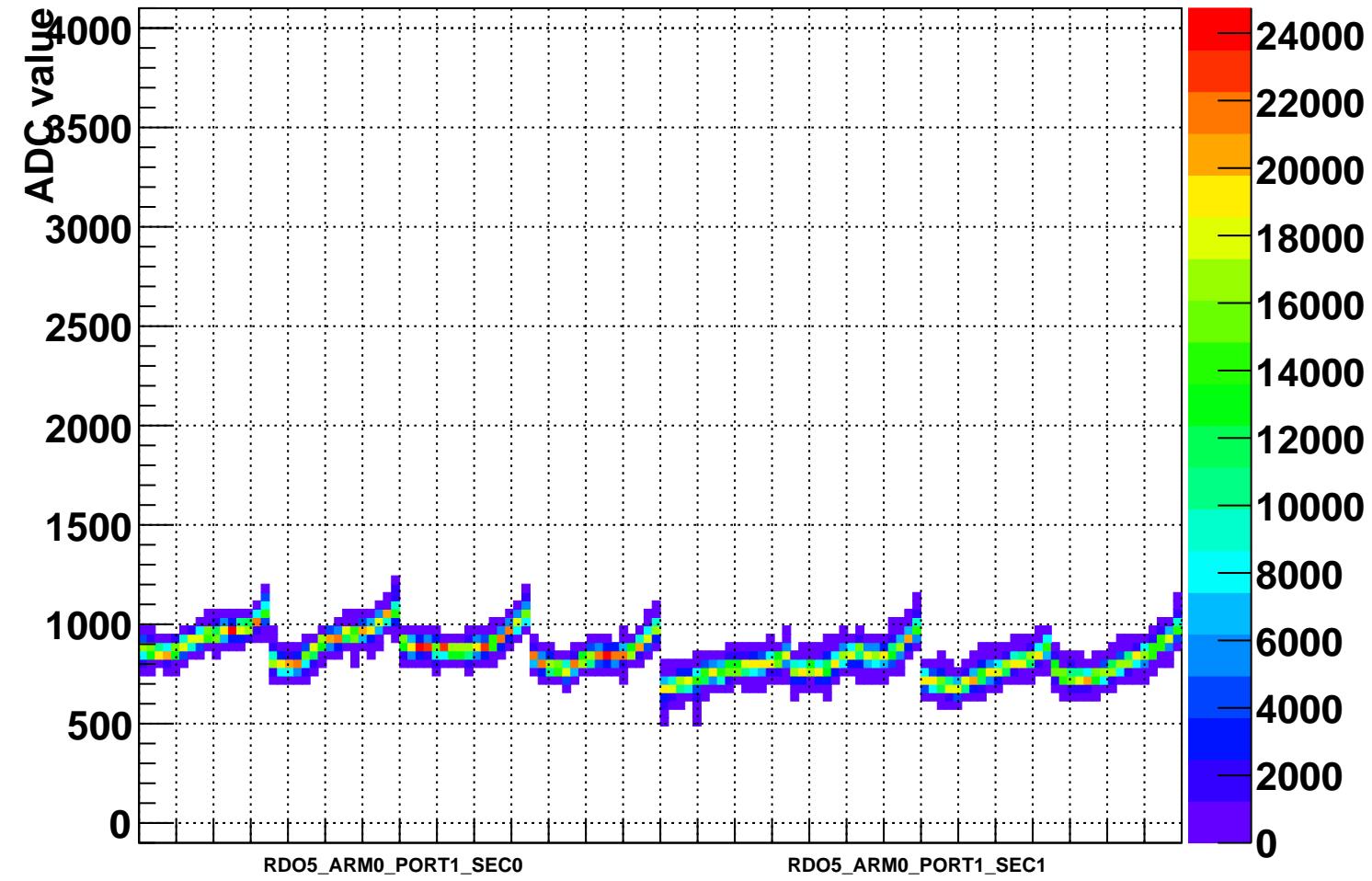
FST - ADC vs Channel Id: Disk2 Module12



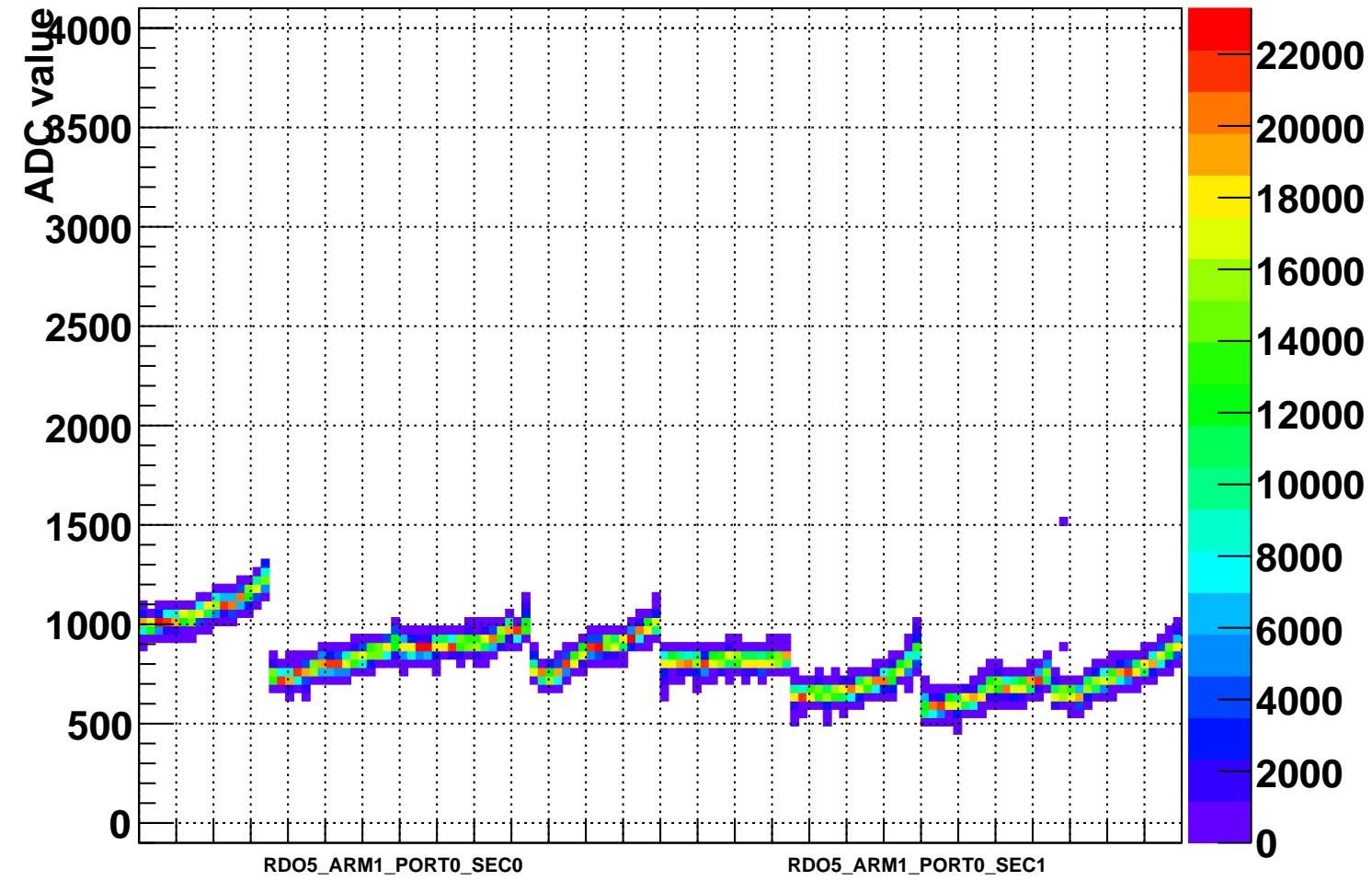
FST - ADC vs Channel Id: Disk3 Module1



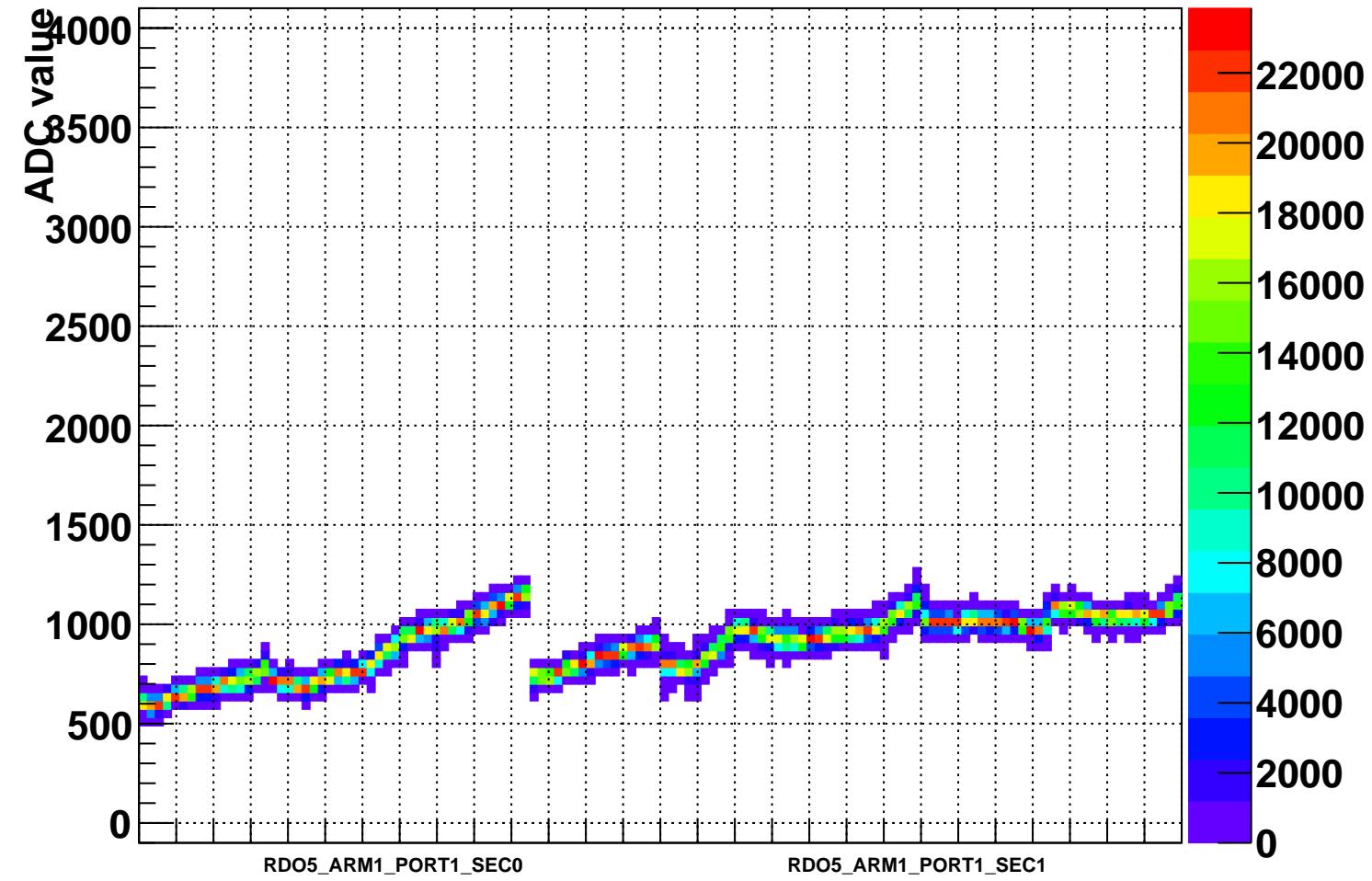
FST - ADC vs Channel Id: Disk3 Module2



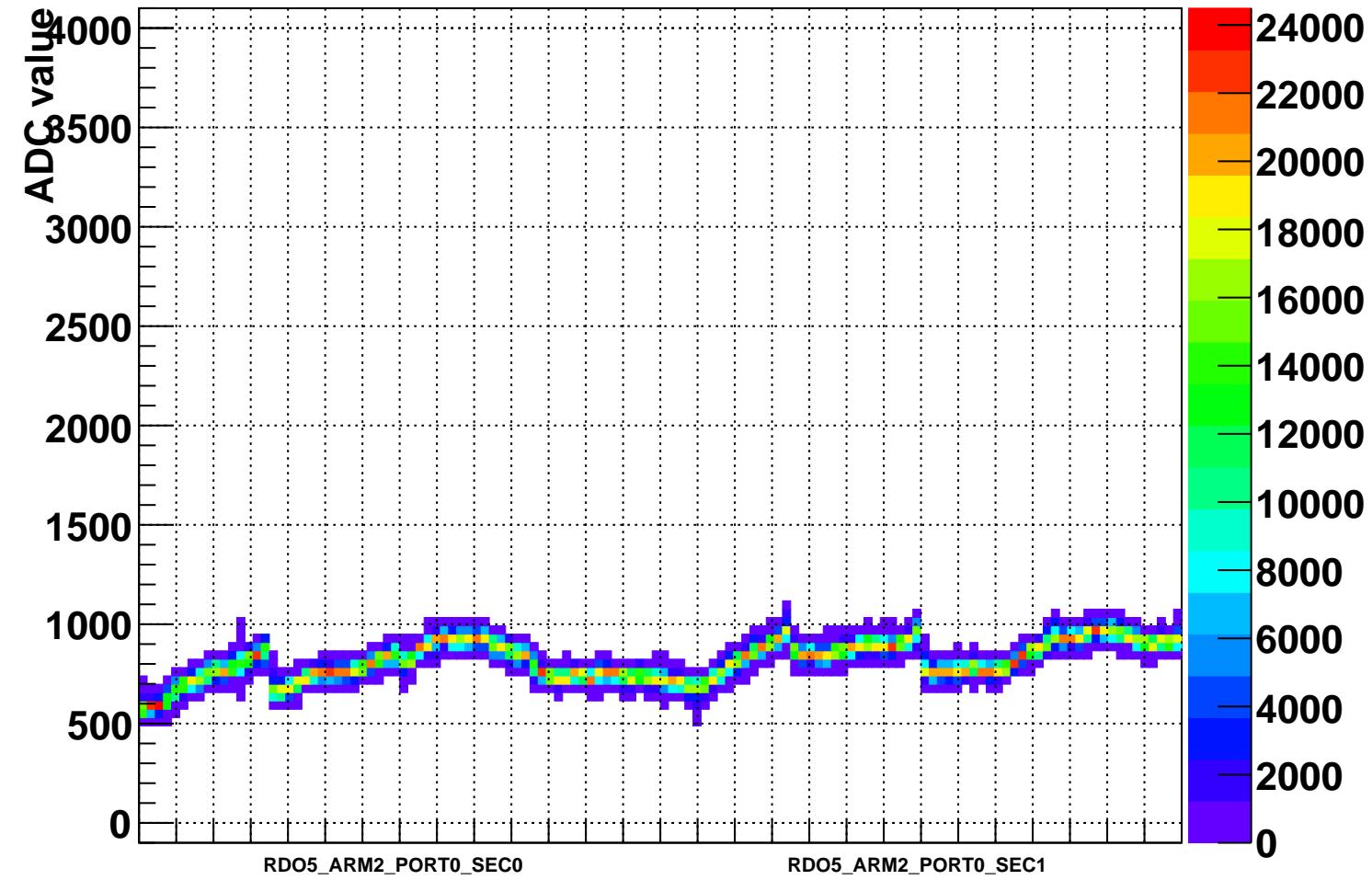
FST - ADC vs Channel Id: Disk3 Module3



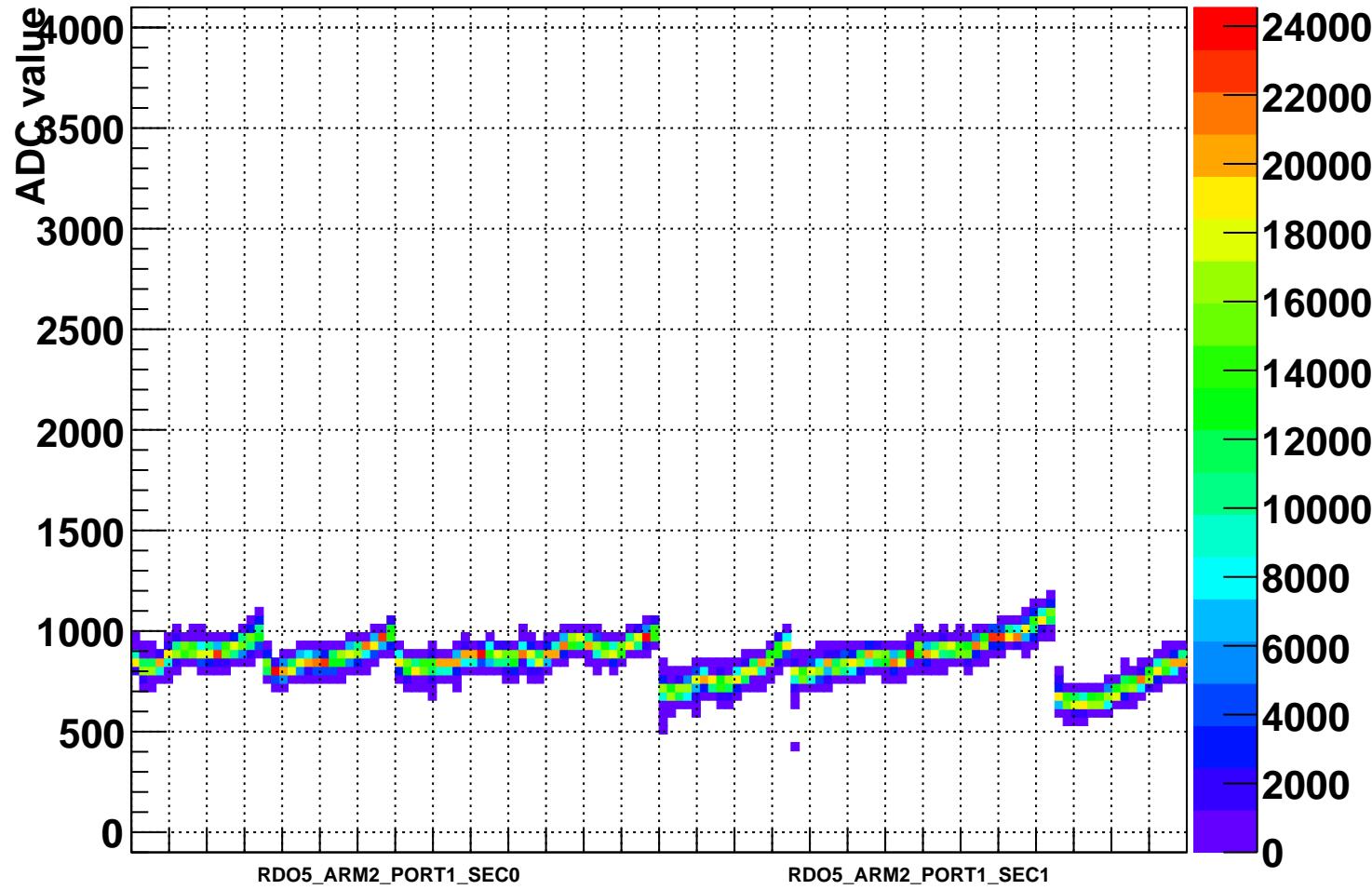
FST - ADC vs Channel Id: Disk3 Module4



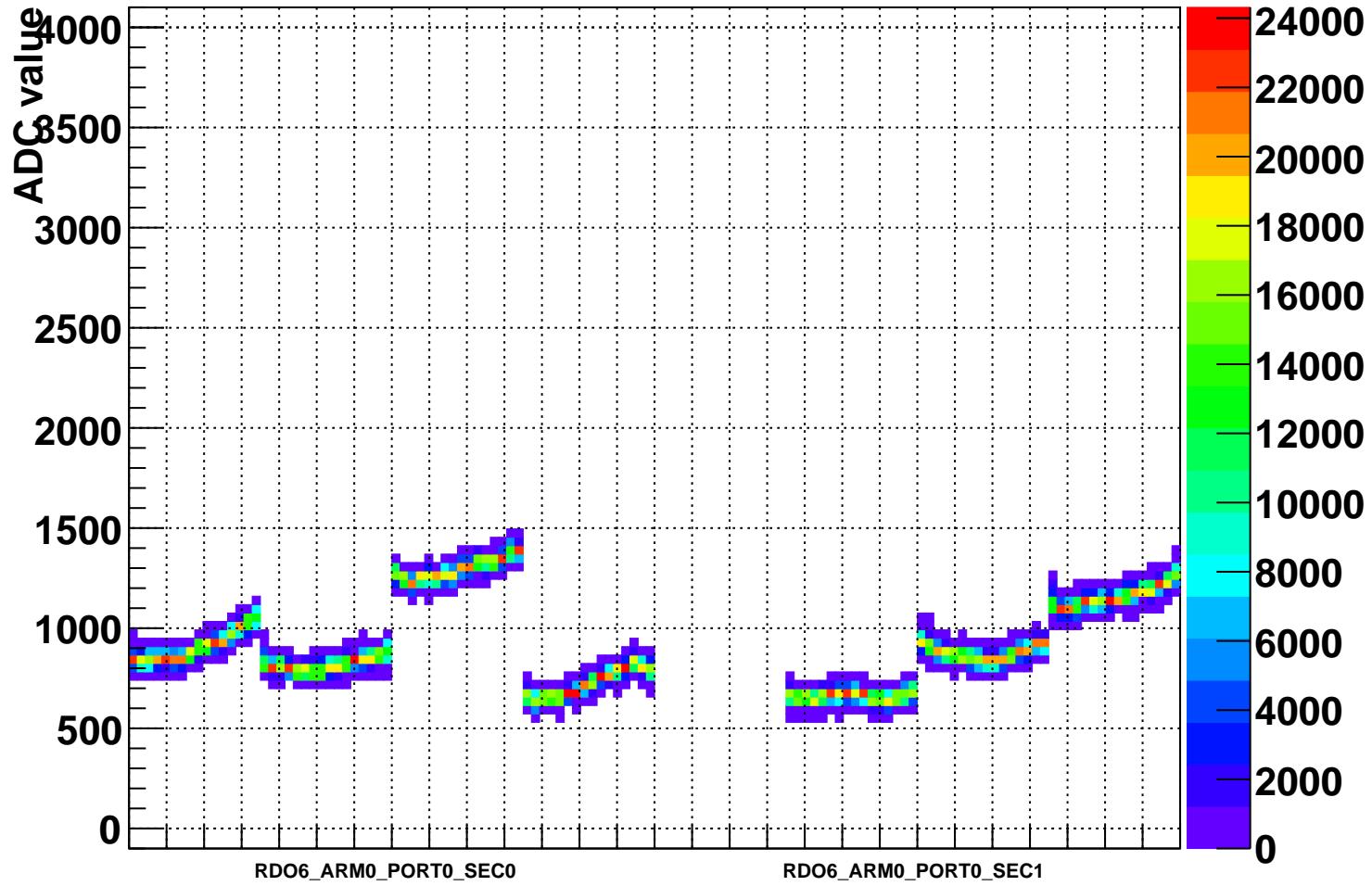
FST - ADC vs Channel Id: Disk3 Module5



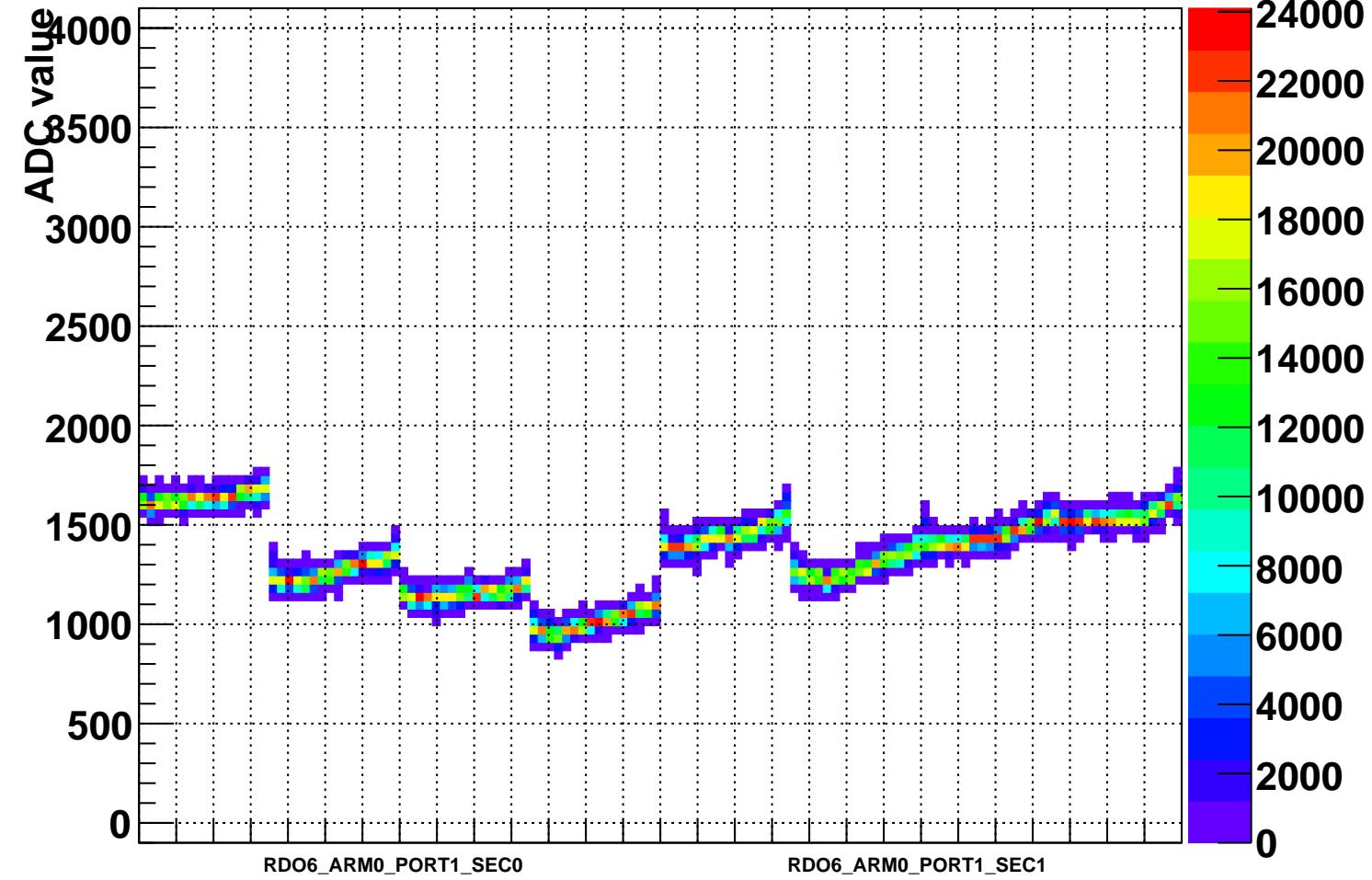
FST - ADC vs Channel Id: Disk3 Module6



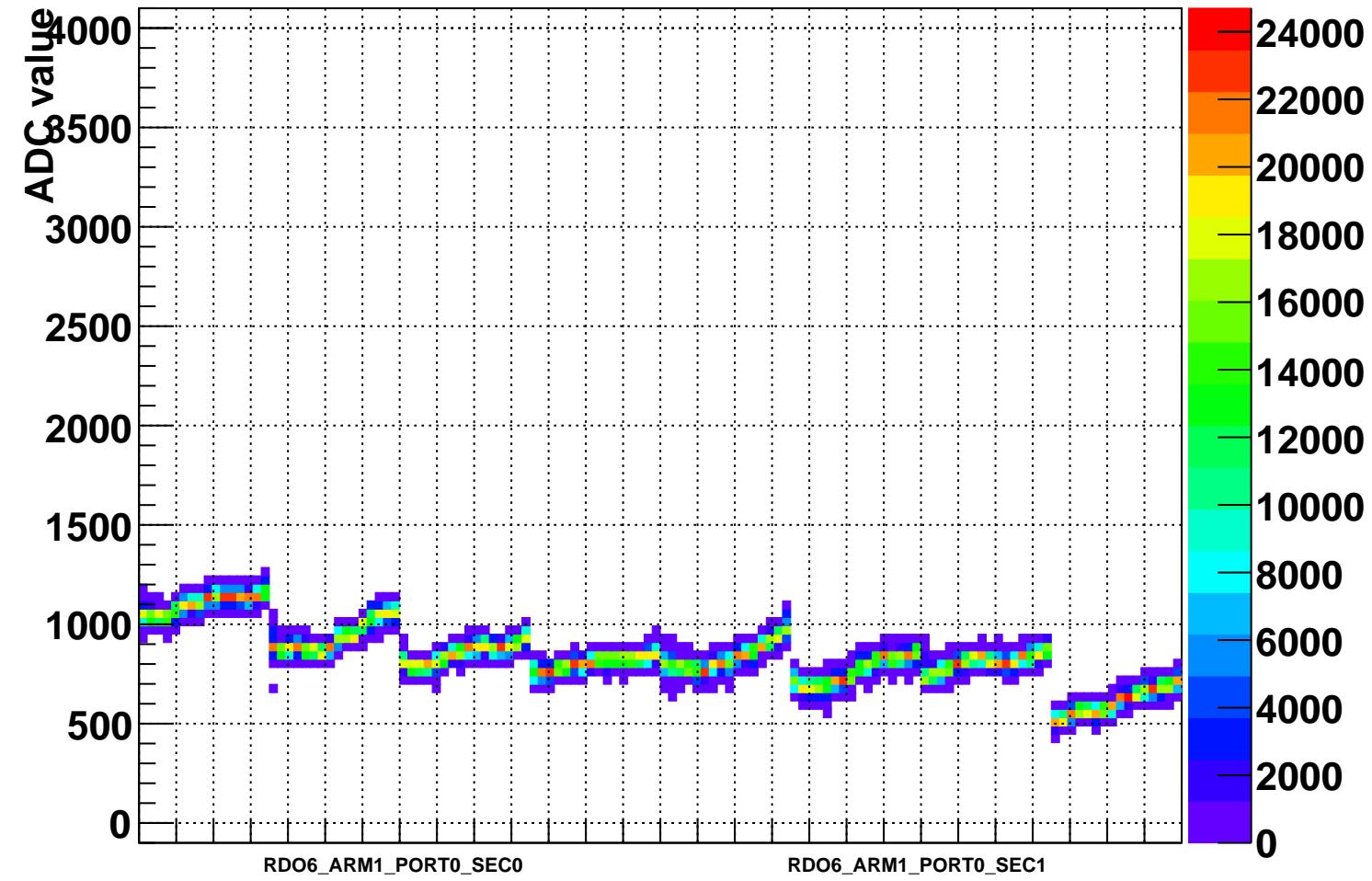
FST - ADC vs Channel Id: Disk3 Module7



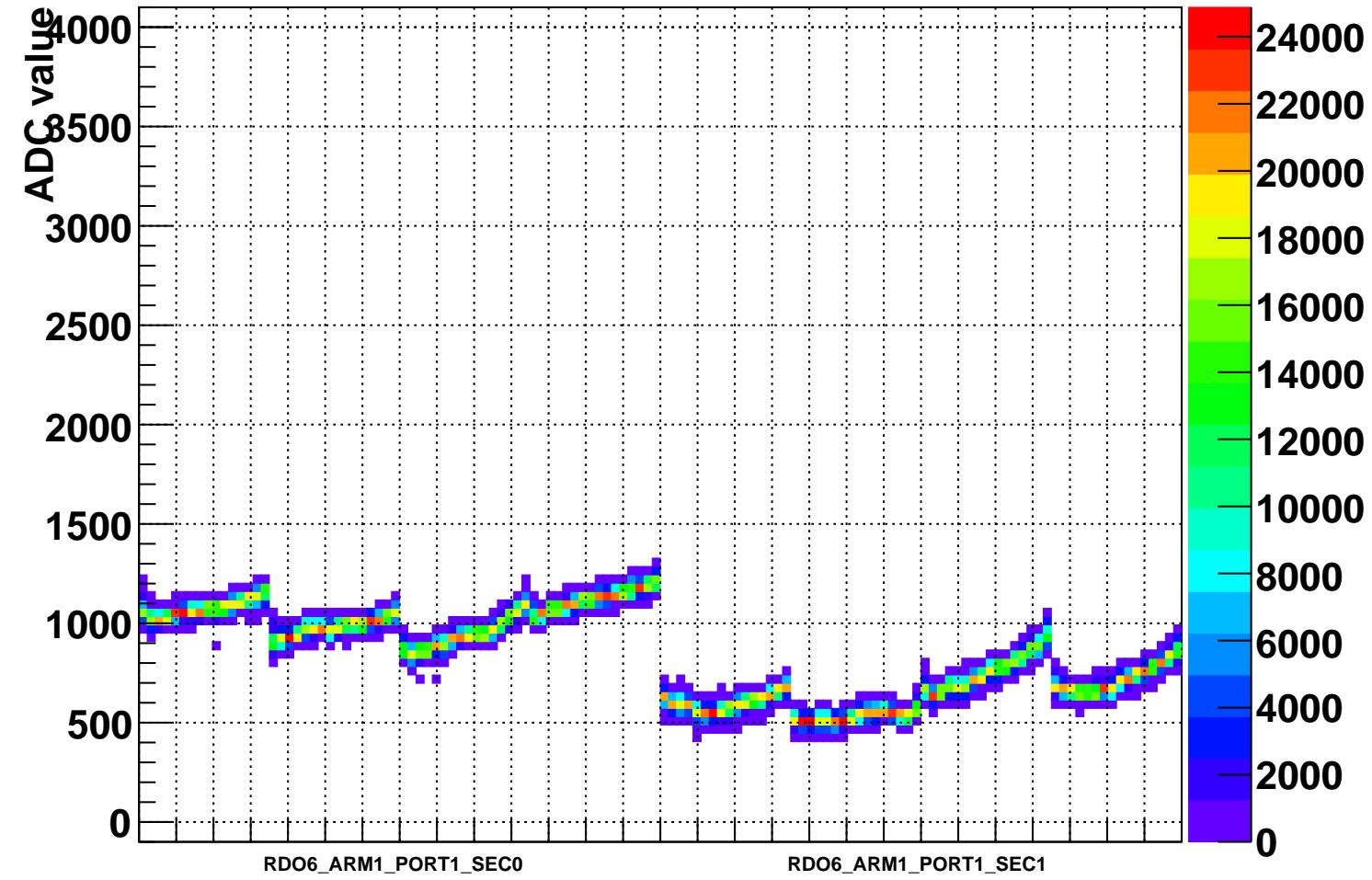
FST - ADC vs Channel Id: Disk3 Module8



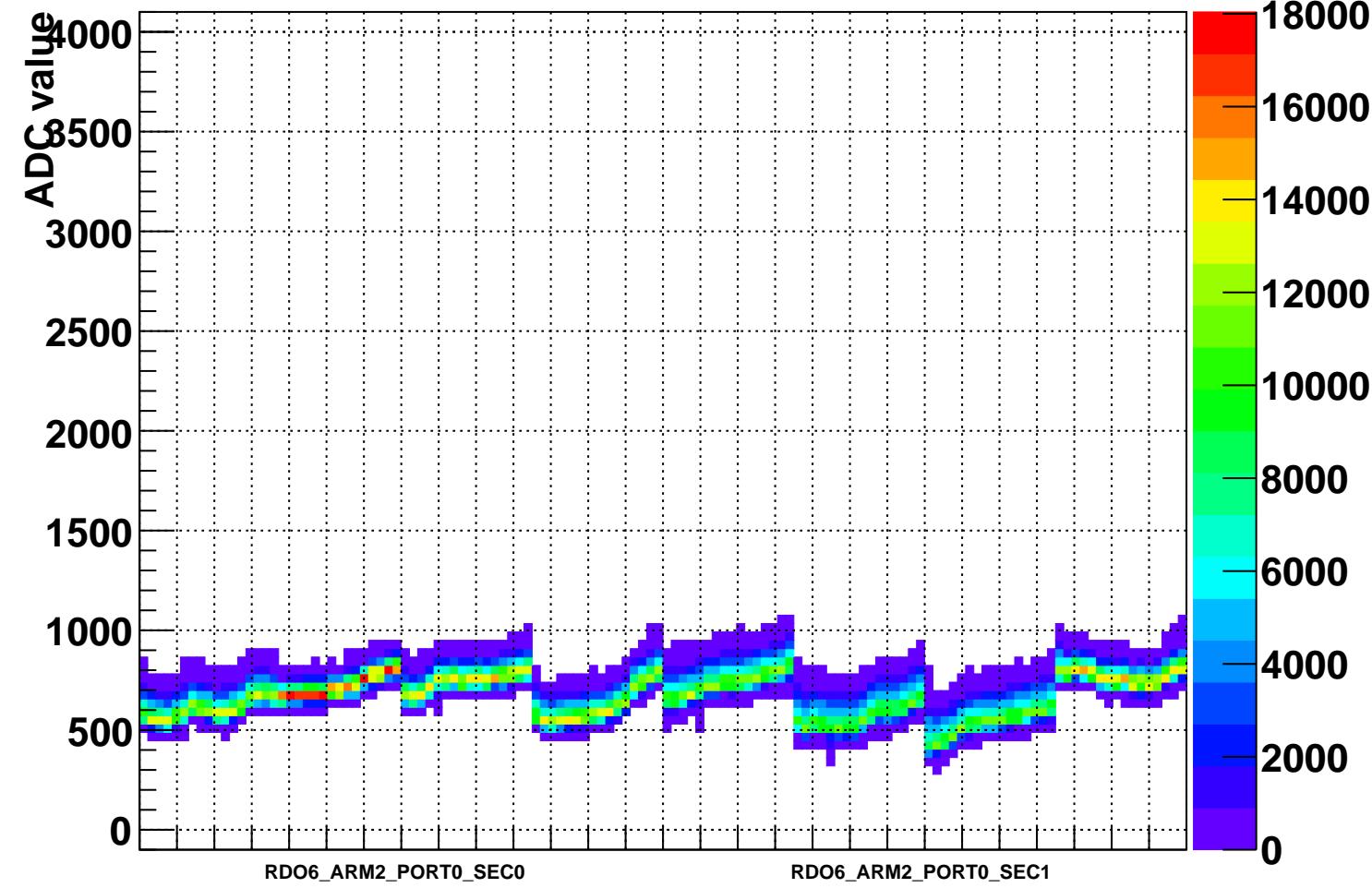
FST - ADC vs Channel Id: Disk3 Module9



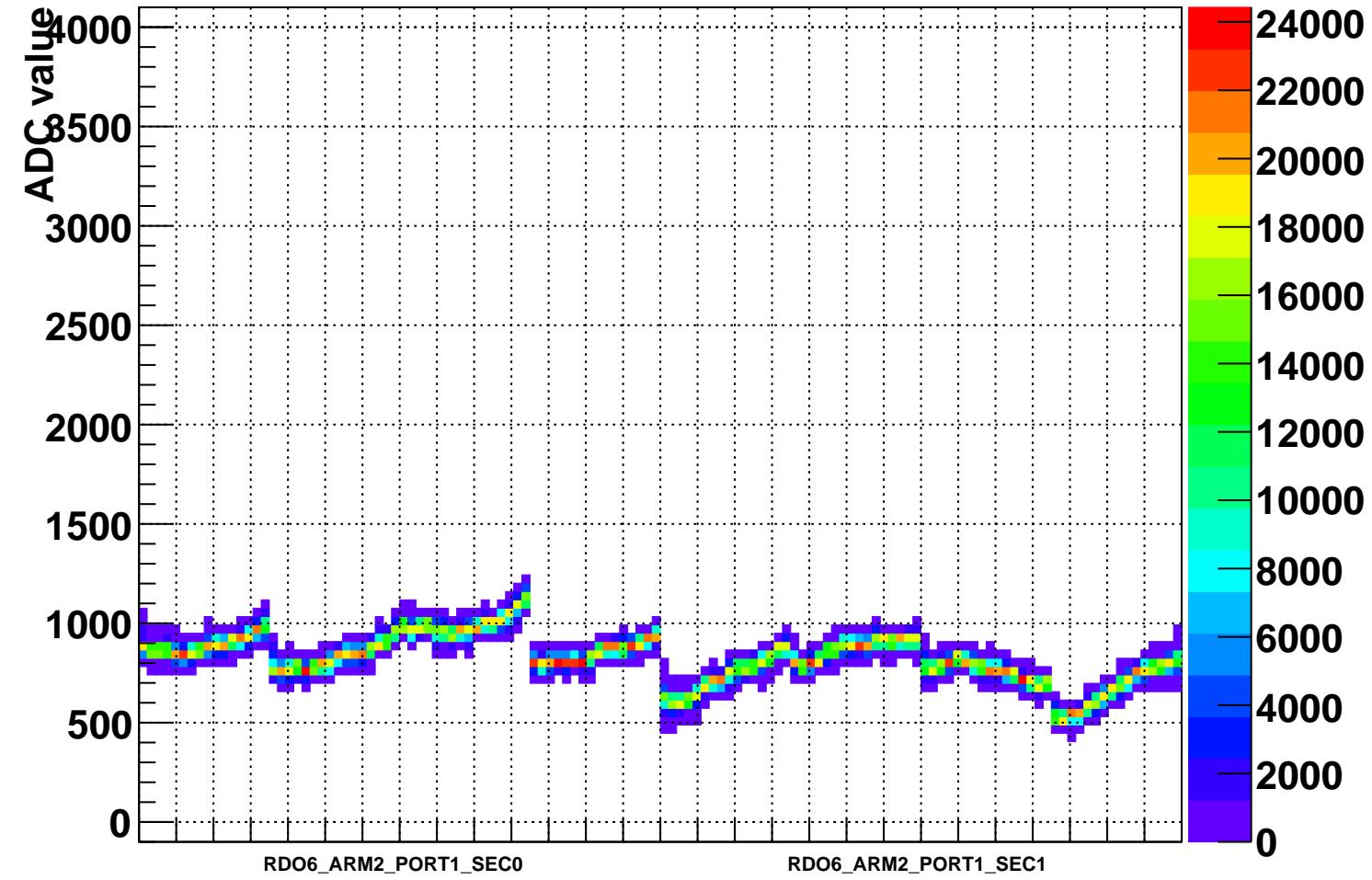
FST - ADC vs Channel Id: Disk3 Module10



FST - ADC vs Channel Id: Disk3 Module11



FST - ADC vs Channel Id: Disk3 Module12



FST - Hit Multiplicity: Disk1 Module1

HitMult_Disk1_Module1

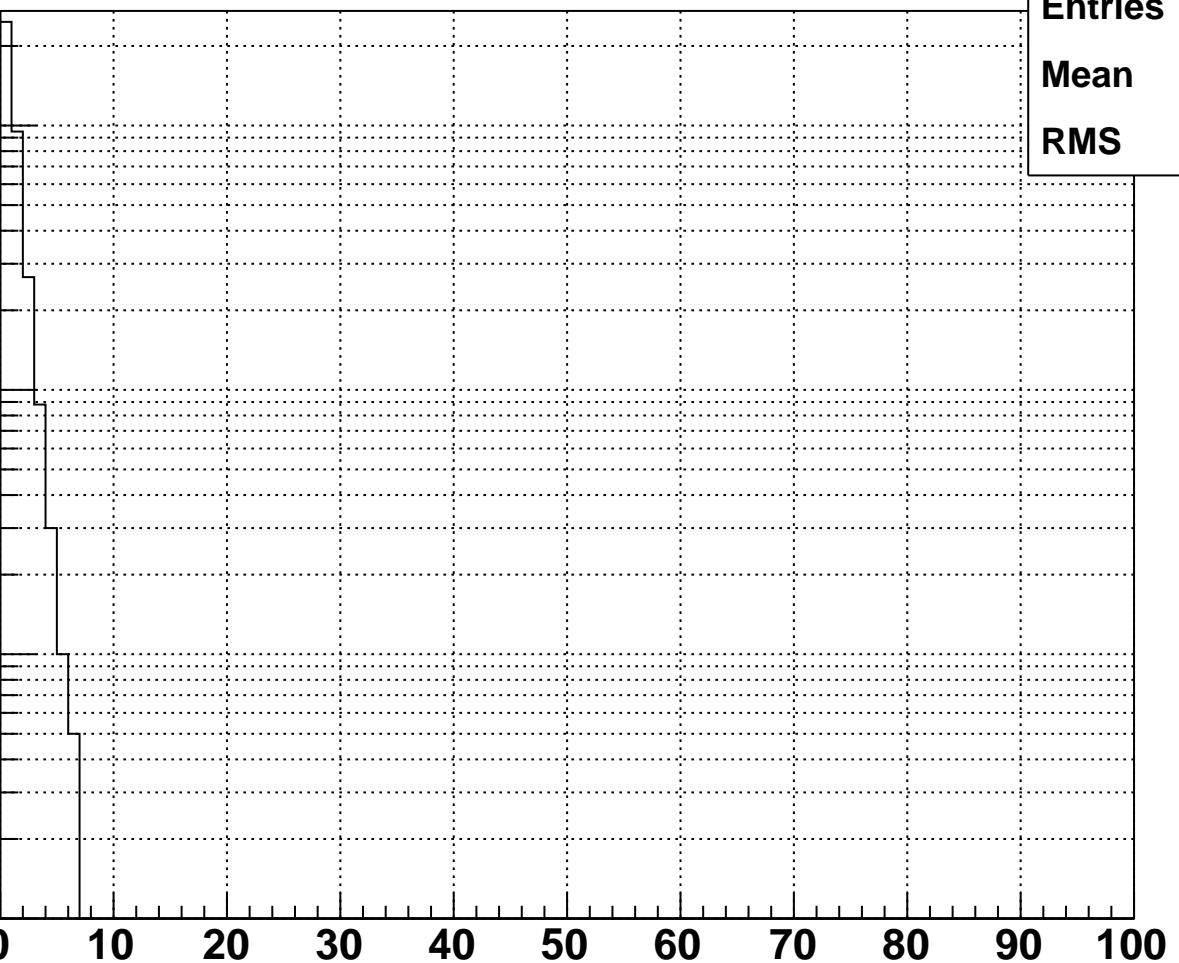
Counts

10^3

10^2

10^1

1^0



Entries	3819
Mean	0.5203
RMS	0.9351

FST - Hit Multiplicity: Disk1 Module2

HitMult_Disk1_Module2

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3819
Mean 0.4543
RMS 0.8409

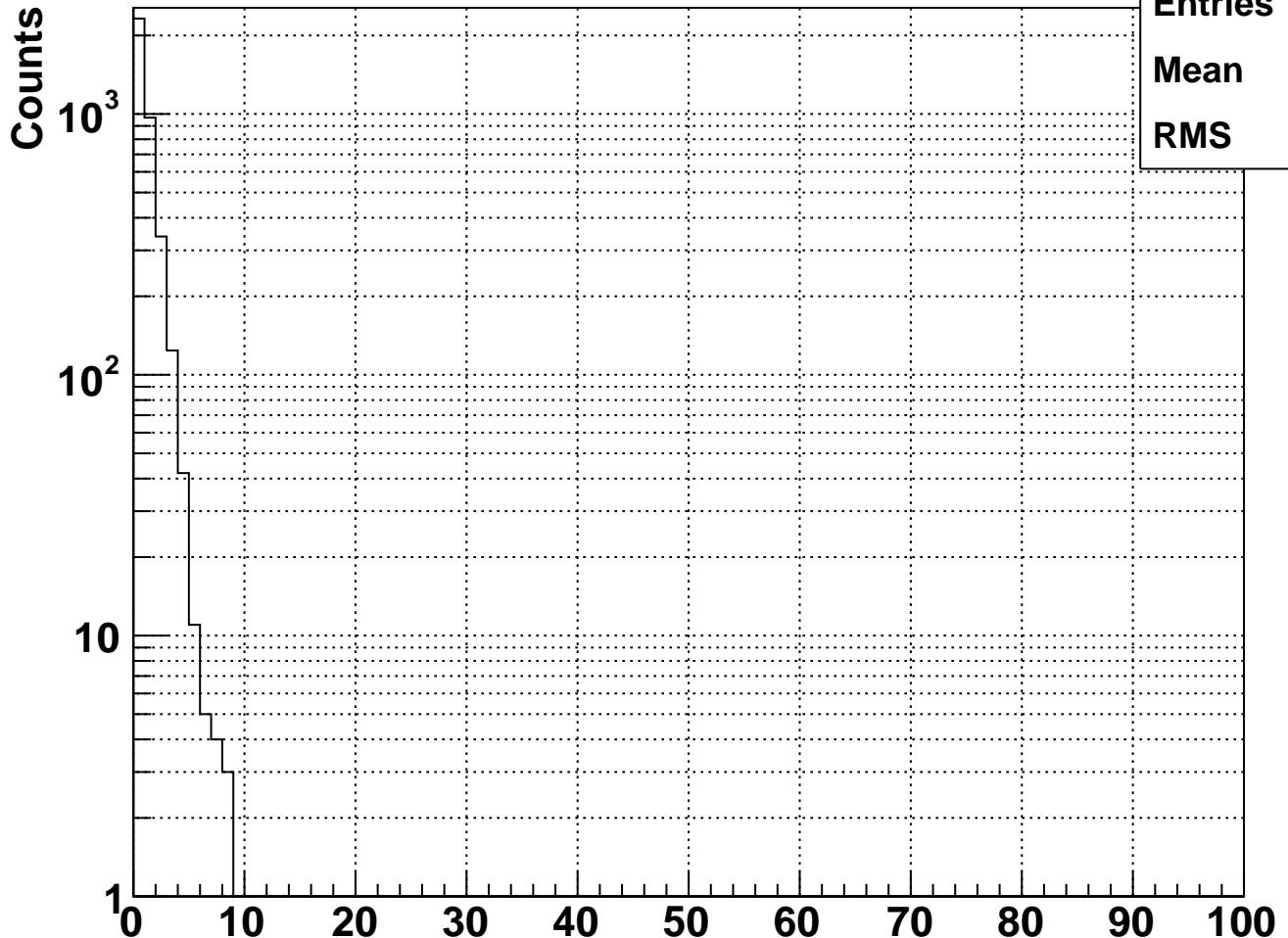
FST - Hit Multiplicity: Disk1 Module3

HitMult_Disk1_Module3

Entries 3819

Mean 0.6106

RMS 0.9725



FST - Hit Multiplicity: Disk1 Module4

HitMult_Disk1_Module4

Counts

10^3

10^2

10^1

1 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3819
Mean 0.6363
RMS 1.03

FST - Hit Multiplicity: Disk1 Module5

HitMult_Disk1_Module5

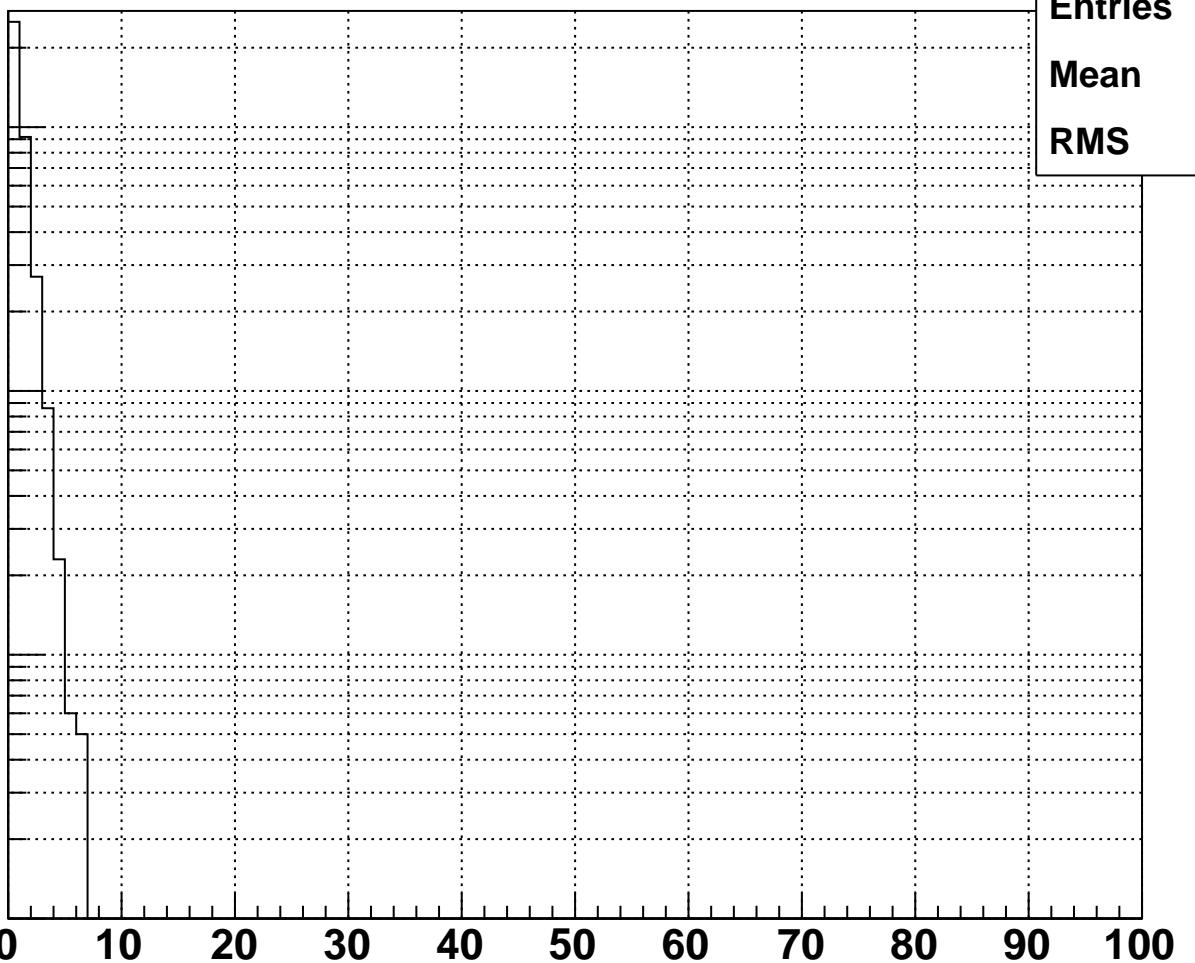
Counts

10^3

10^2

10^1

1^0

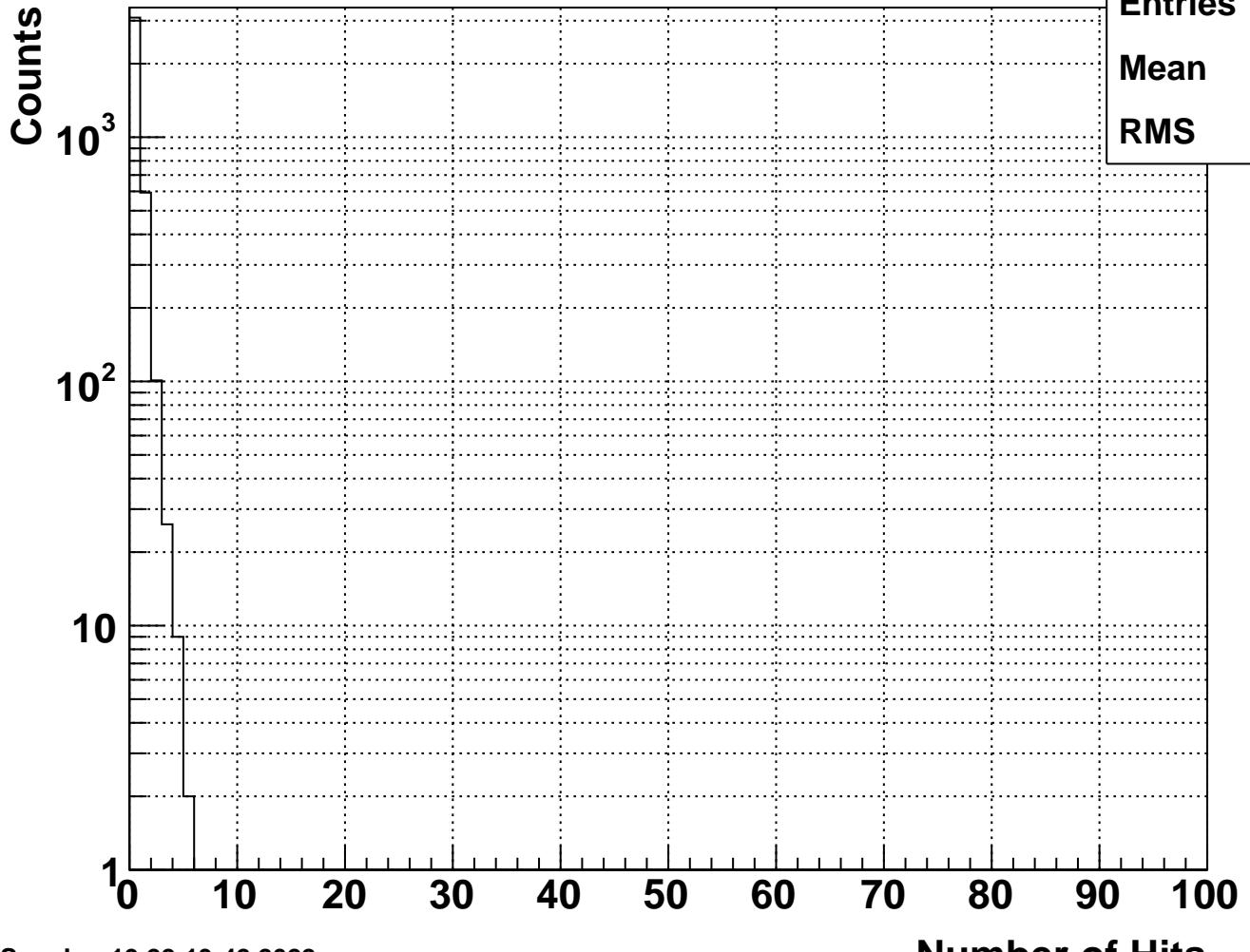


Entries 3819
Mean 0.4973
RMS 0.8585

FST - Hit Multiplicity: Disk1 Module6

HitMult_Disk1_Module6

Entries 3819
Mean 0.2433
RMS 0.5832



FST - Hit Multiplicity: Disk1 Module7

HitMult_Disk1_Module7

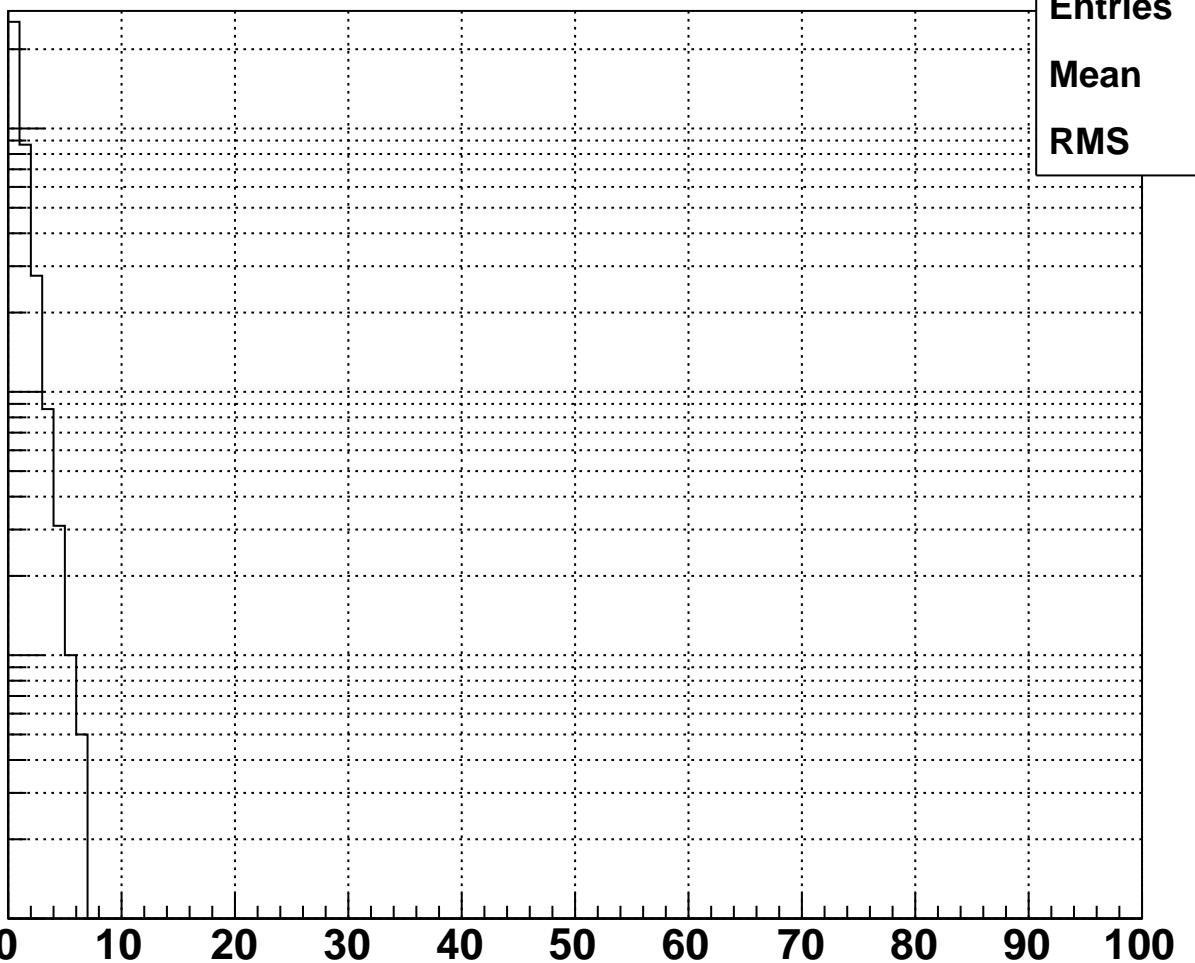
Counts

10^3

10^2

10^1

1^0



FST - Hit Multiplicity: Disk1 Module8

HitMult_Disk1_Module8

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3819

Mean 0.5761

RMS 0.9839

FST - Hit Multiplicity: Disk1 Module9

HitMult_Disk1_Module9

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3819
Mean 0.6106
RMS 1.043

FST - Hit Multiplicity: Disk1 Module10

HitMult_Disk1_Module10

Counts

10^3

10^2

10

1

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3819

Mean 0.6235

RMS 0.9721

FST - Hit Multiplicity: Disk1 Module11

HitMult_Disk1_Module11

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3819
Mean 0.5554
RMS 0.9204

FST - Hit Multiplicity: Disk1 Module12

HitMult_Disk1_Module12

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3819
Mean 0.5554
RMS 0.8962

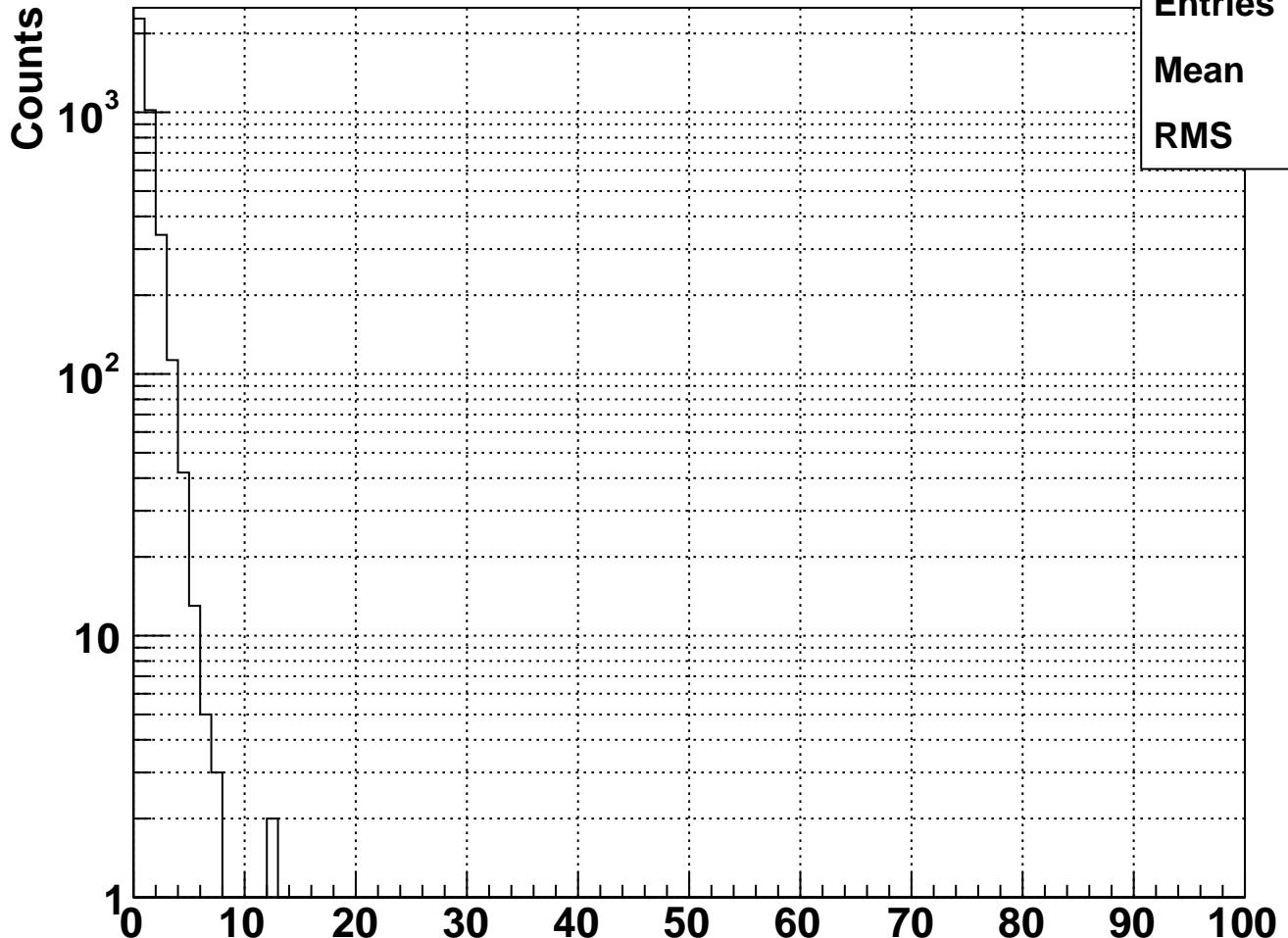
FST - Hit Multiplicity: Disk2 Module1

HitMult_Disk2_Module1

Entries 3819

Mean 0.6222

RMS 1.03



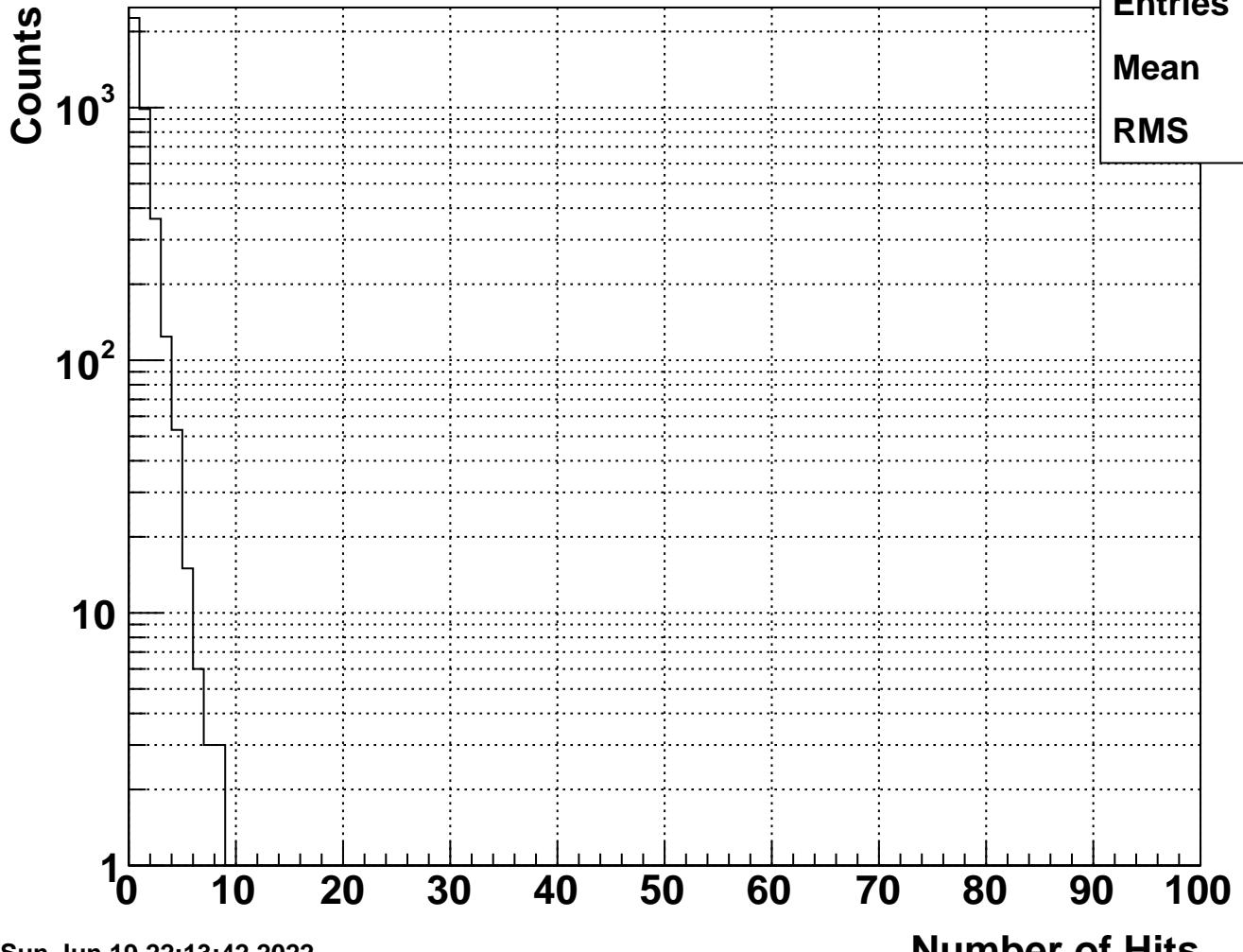
FST - Hit Multiplicity: Disk2 Module2

HitMult_Disk2_Module2

Entries 3819

Mean 0.6452

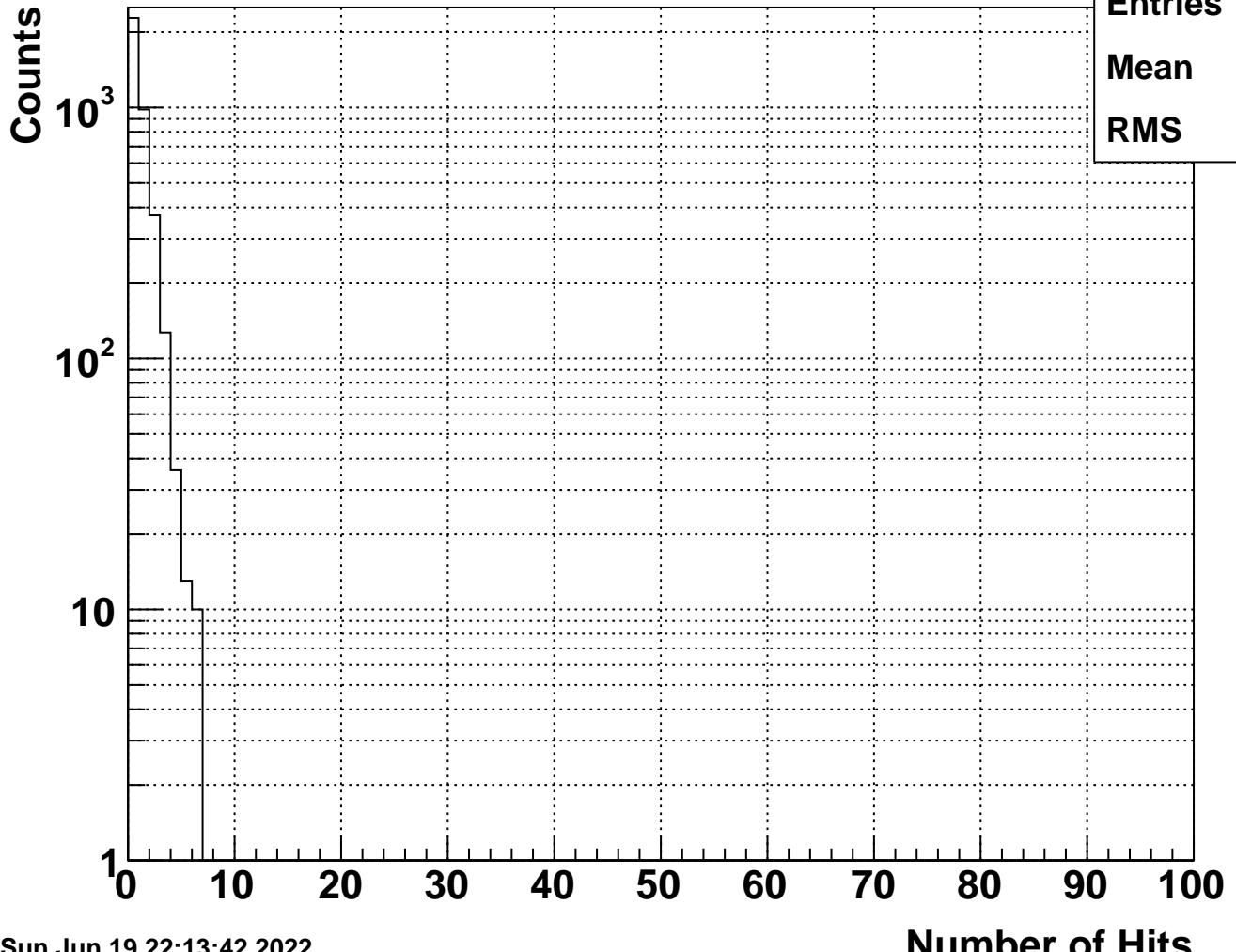
RMS 1.006



FST - Hit Multiplicity: Disk2 Module3

HitMult_Disk2_Module3

Entries 3819
Mean 0.629
RMS 0.97



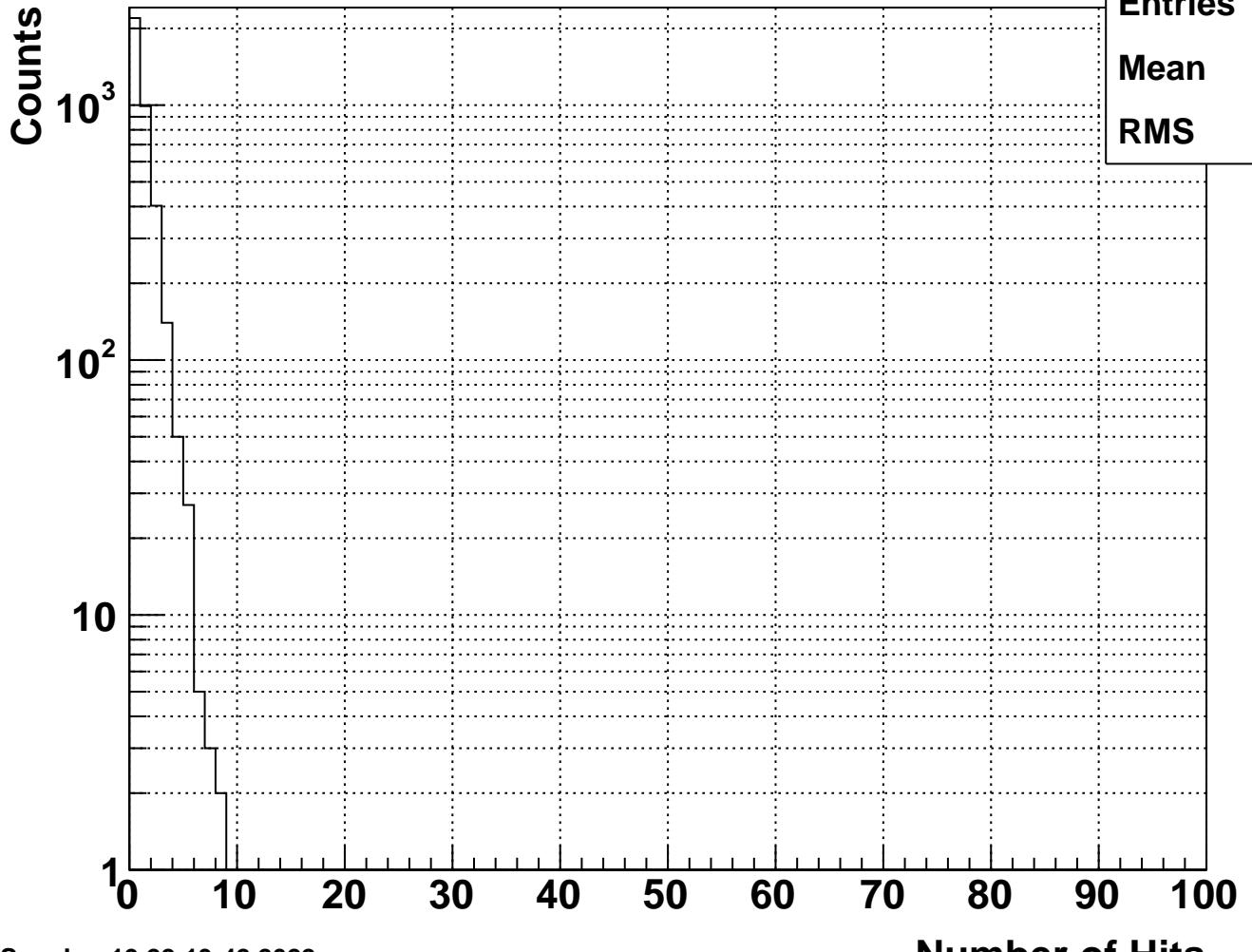
FST - Hit Multiplicity: Disk2 Module4

HitMult_Disk2_Module4

Entries 3819

Mean 0.6997

RMS 1.164



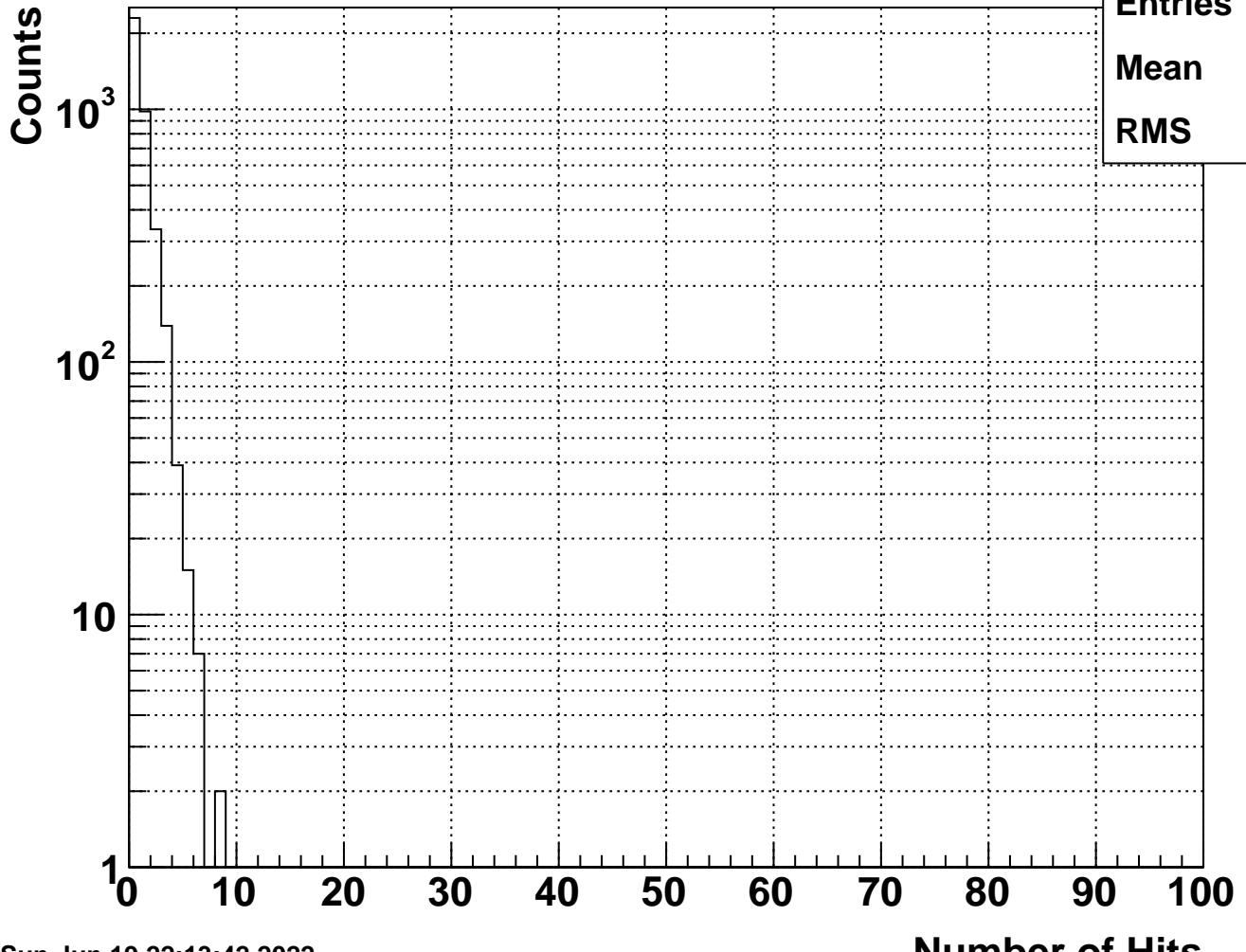
FST - Hit Multiplicity: Disk2 Module5

HitMult_Disk2_Module5

Entries 3819

Mean 0.6214

RMS 0.9718



FST - Hit Multiplicity: Disk2 Module6

HitMult_Disk2_Module6

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

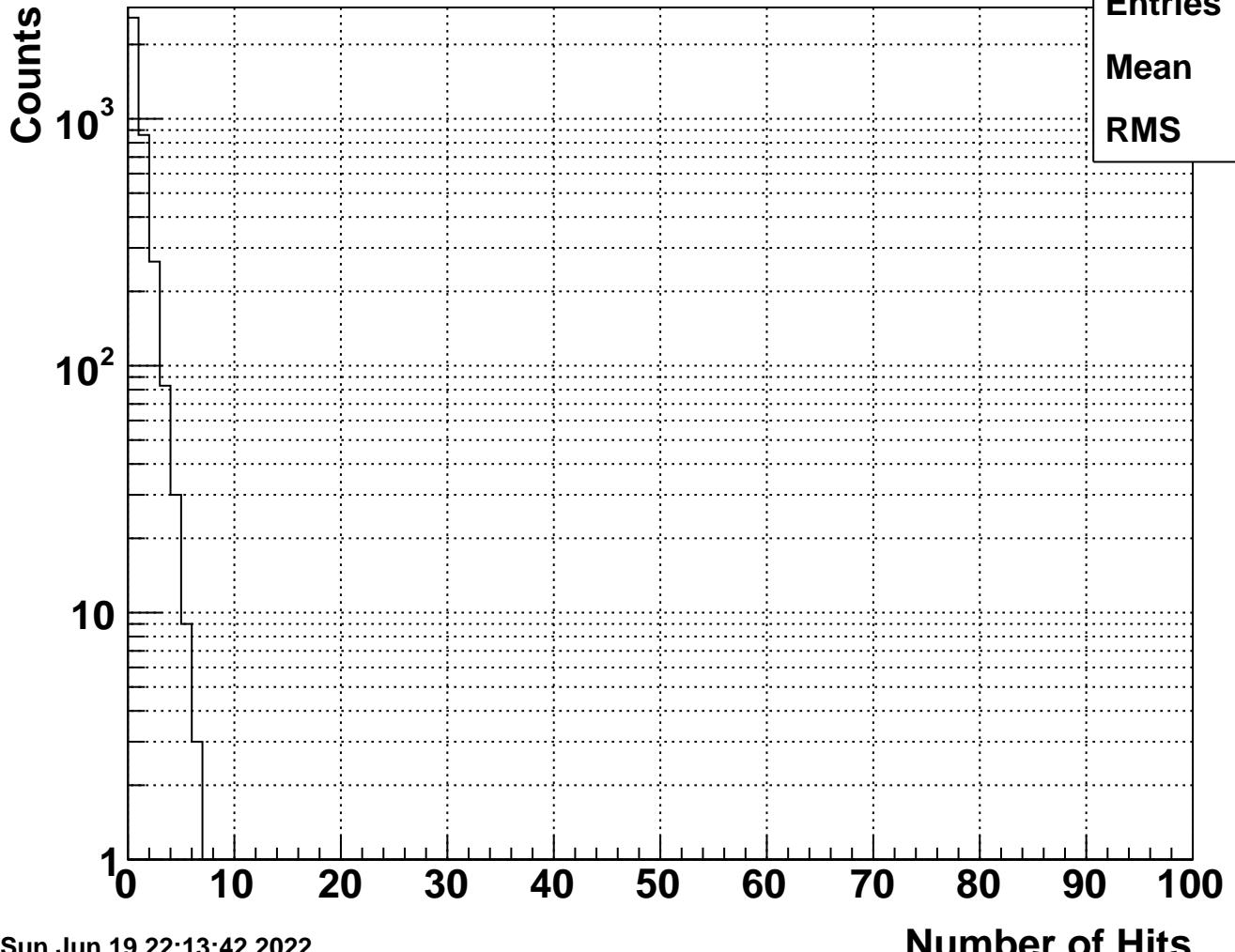
Number of Hits

Entries 3819
Mean 0.5769
RMS 0.9296

FST - Hit Multiplicity: Disk2 Module7

HitMult_Disk2_Module7

Entries 3819
Mean 0.4815
RMS 0.8537



FST - Hit Multiplicity: Disk2 Module8

HitMult_Disk2_Module8

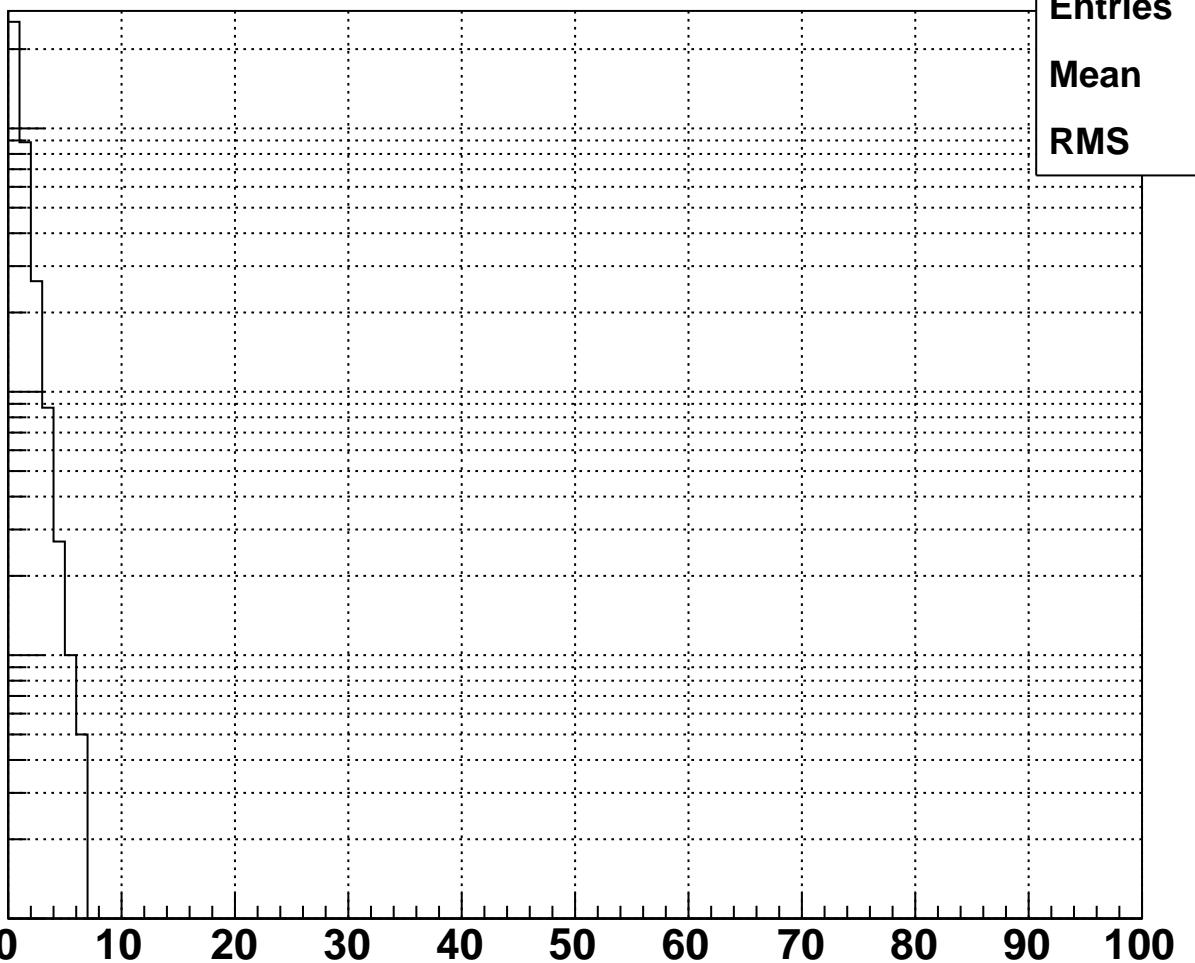
Counts

10^3

10^2

10^1

1^0



Entries 3819
Mean 0.4925
RMS 0.8676

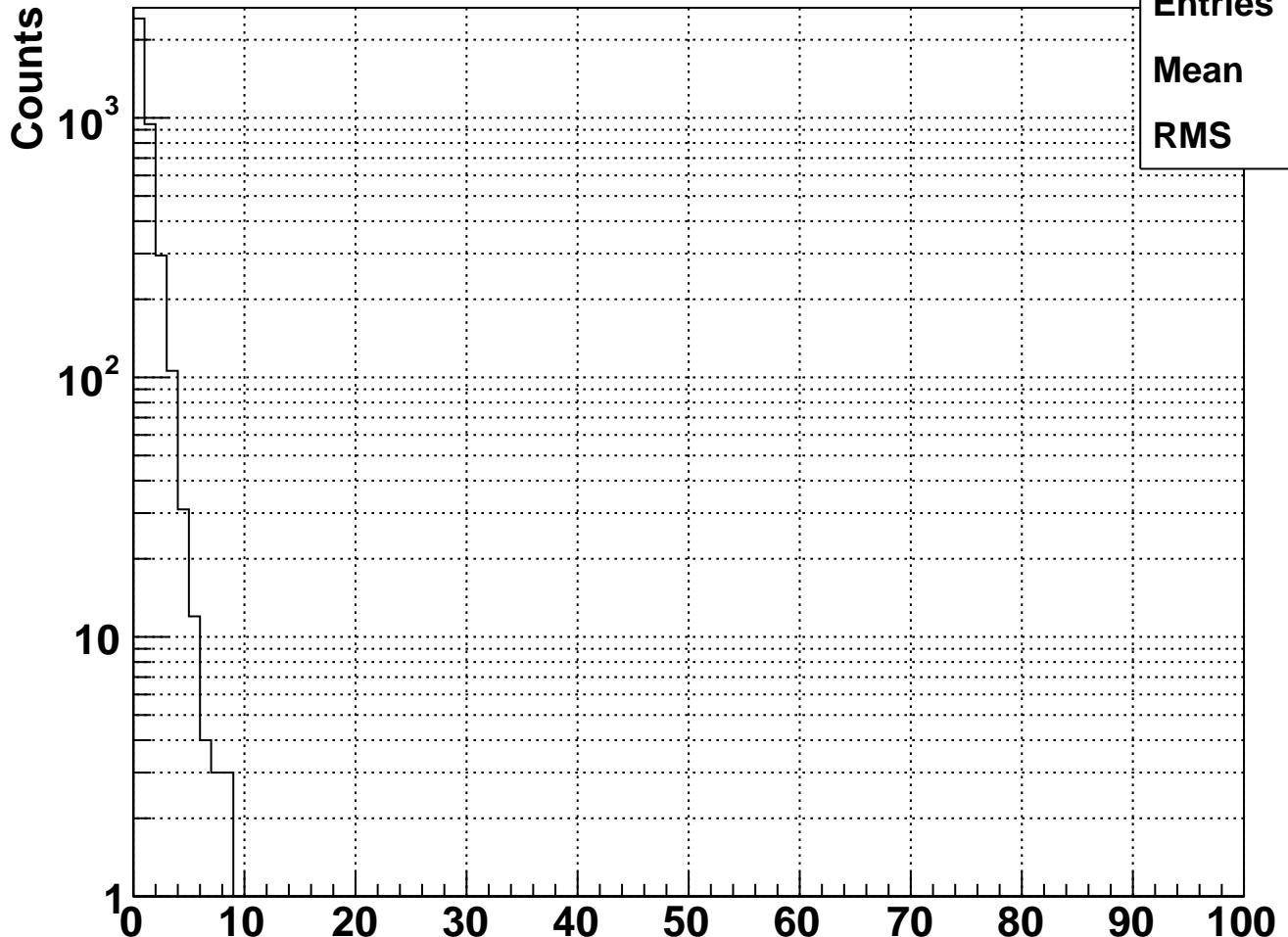
FST - Hit Multiplicity: Disk2 Module9

HitMult_Disk2_Module9

Entries 3819

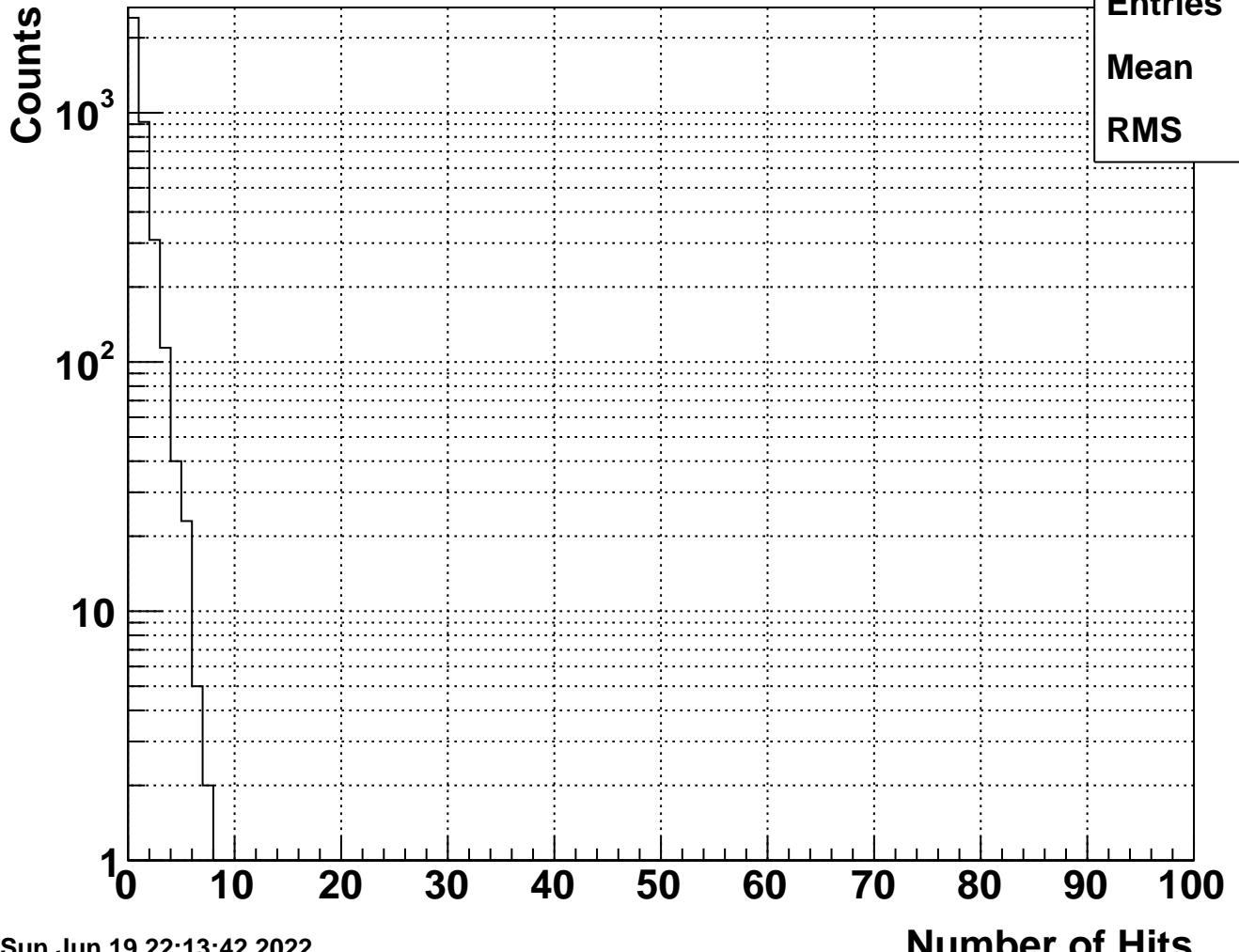
Mean 0.5672

RMS 1.03



FST - Hit Multiplicity: Disk2 Module10

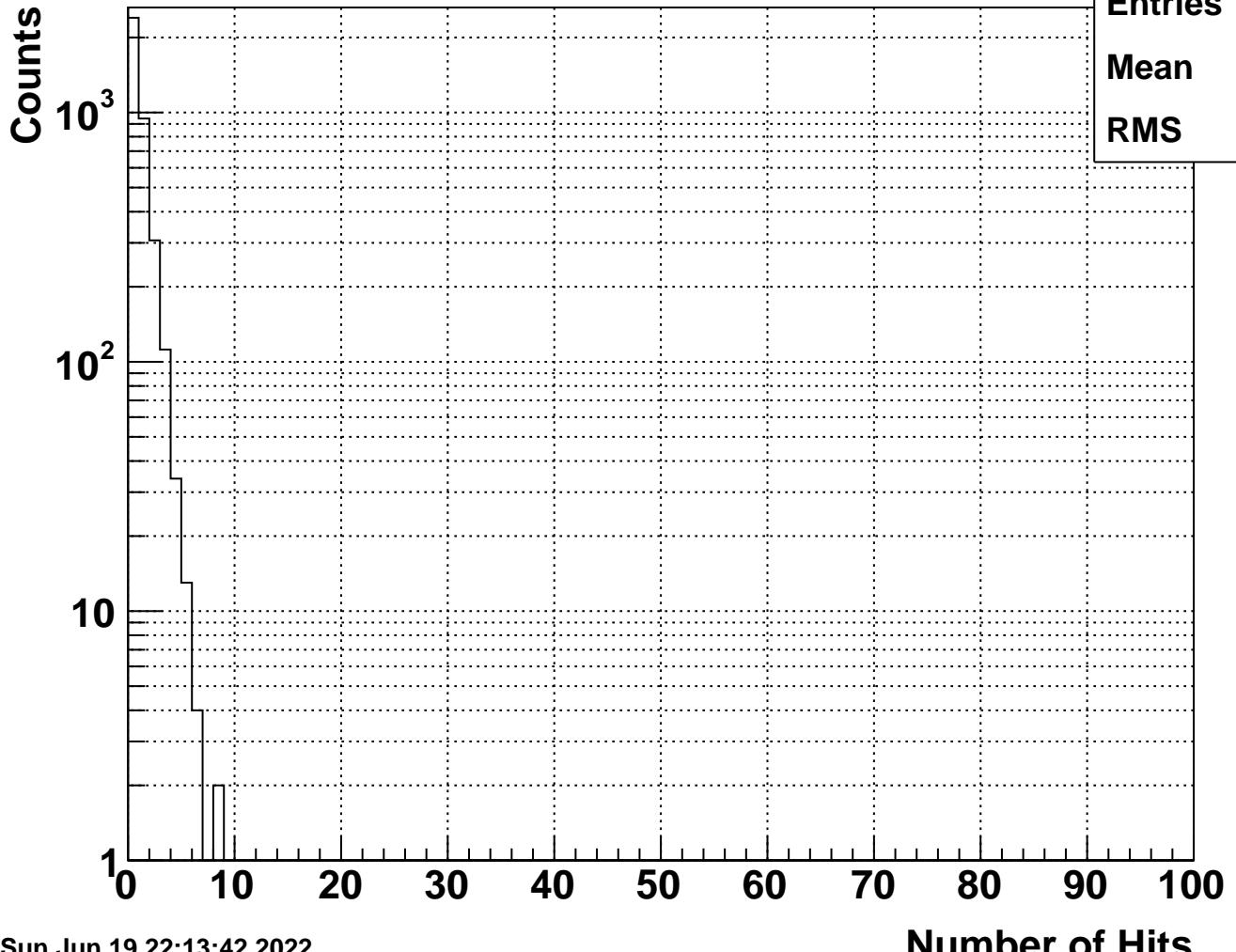
HitMult_Disk2_Module10	
Entries	3819
Mean	0.581
RMS	1.001



FST - Hit Multiplicity: Disk2 Module11

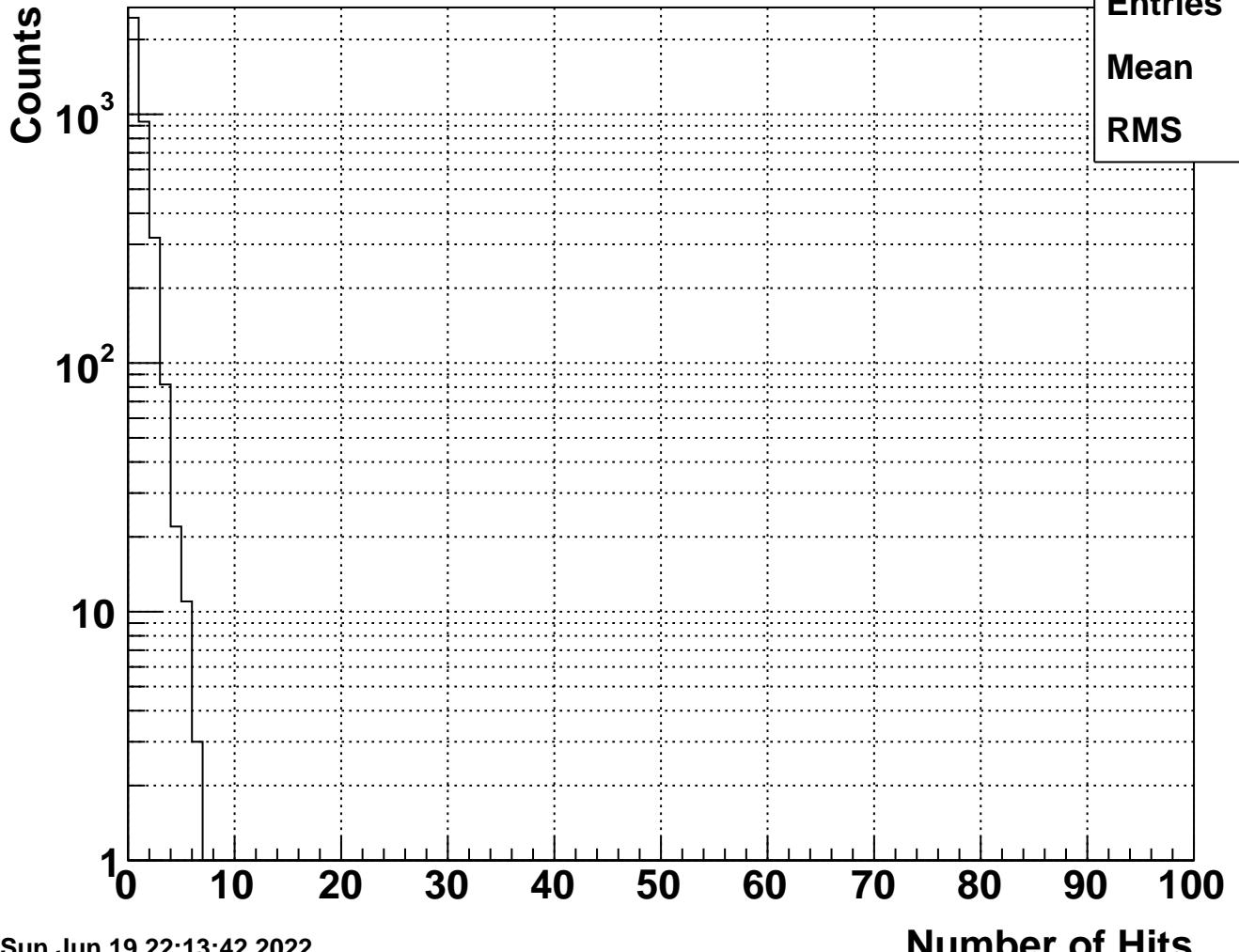
HitMult_Disk2_Module11

Entries 3819
Mean 0.5643
RMS 0.9263



FST - Hit Multiplicity: Disk2 Module12

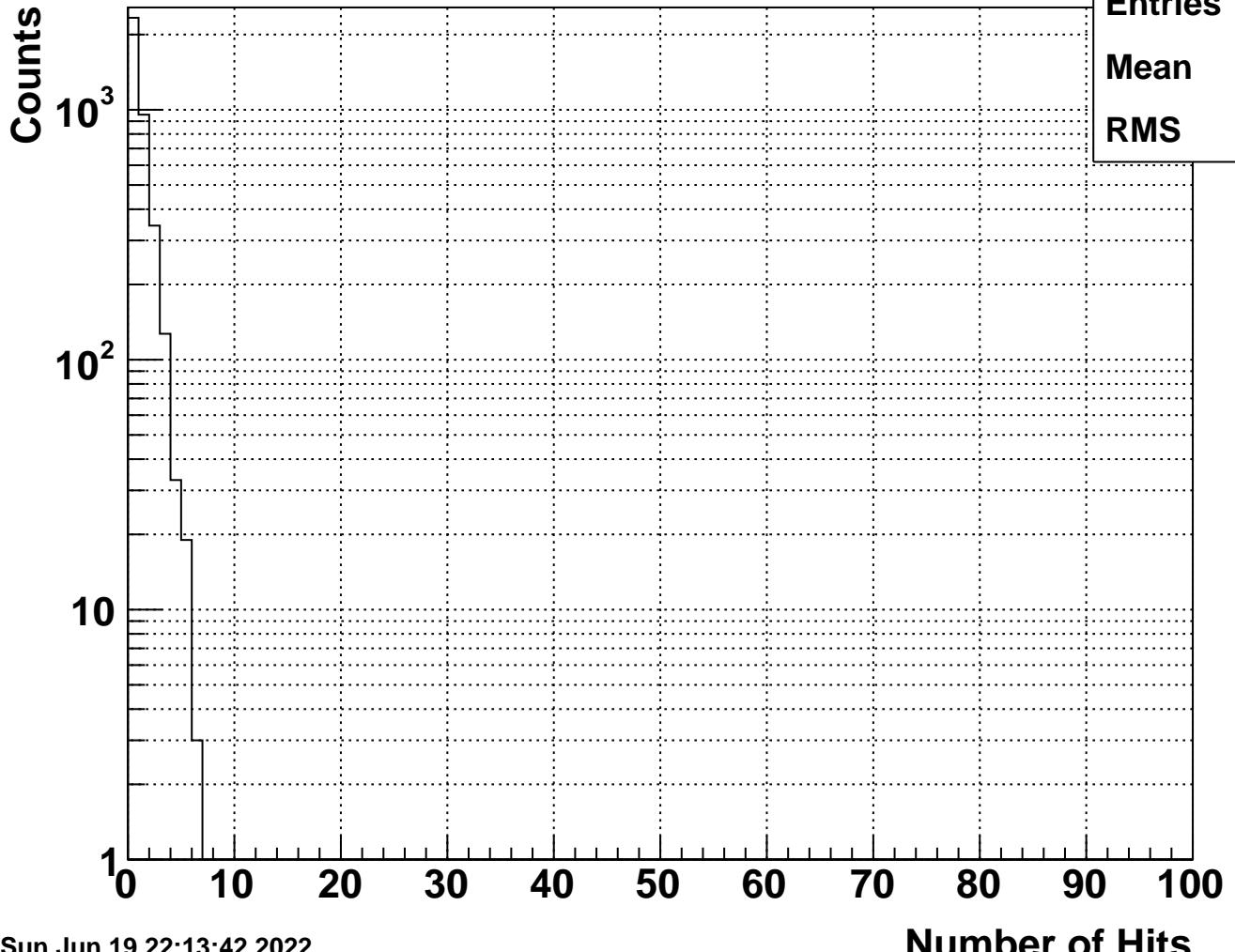
HitMult_Disk2_Module12



FST - Hit Multiplicity: Disk3 Module1

HitMult_Disk3_Module1

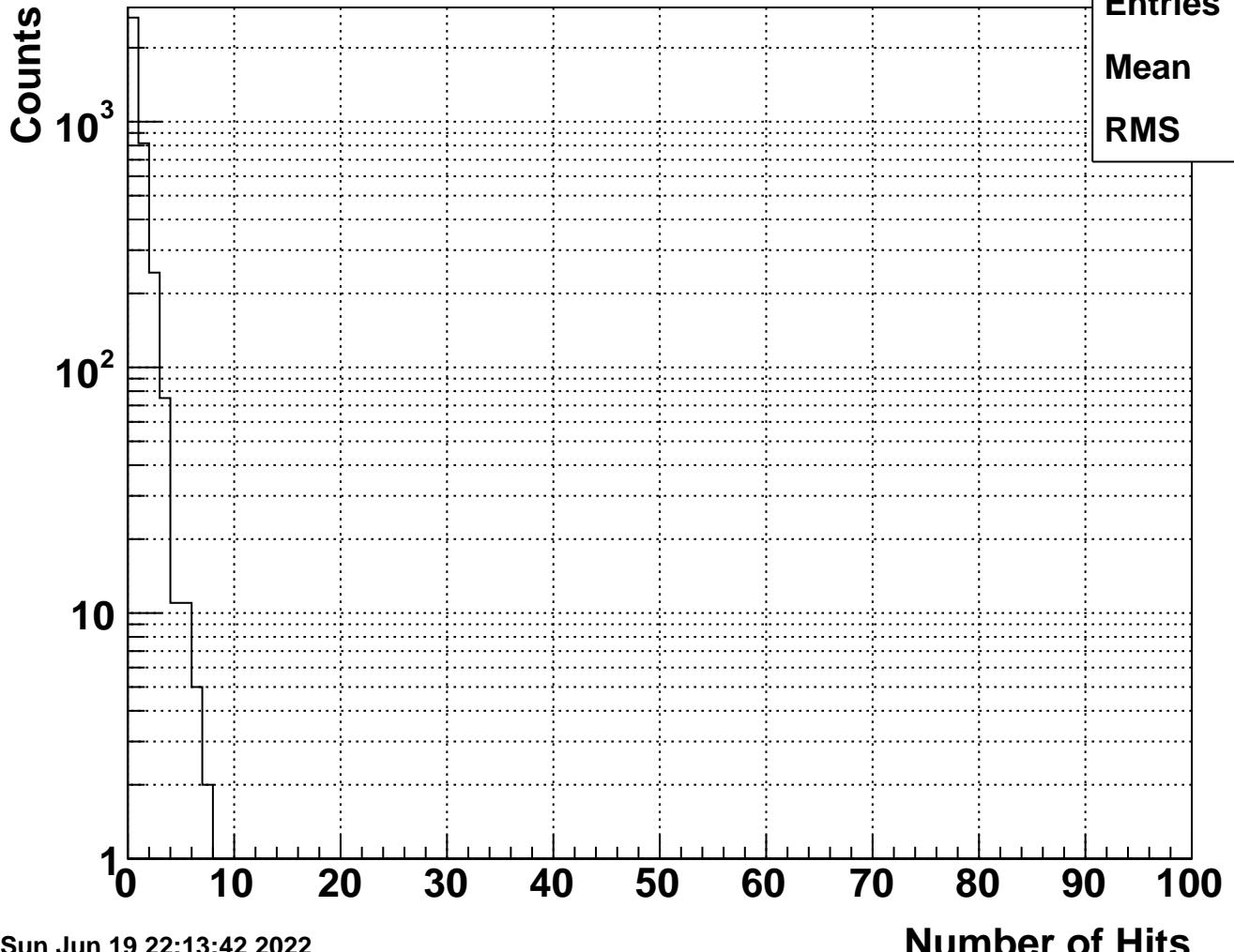
Entries 3819
Mean 0.6015
RMS 0.952



FST - Hit Multiplicity: Disk3 Module2

HitMult_Disk3_Module2

Entries 3819
Mean 0.4423
RMS 0.8267



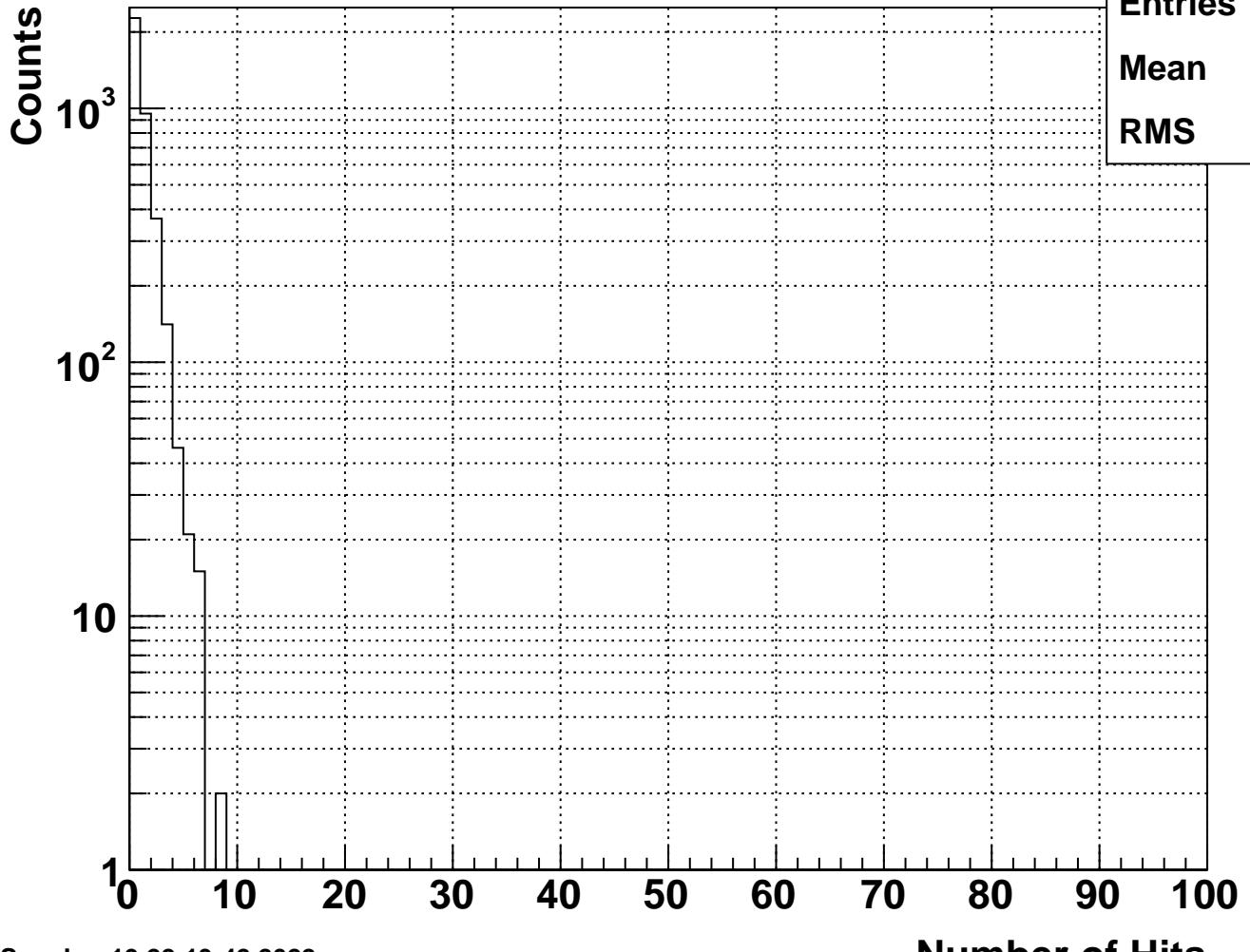
FST - Hit Multiplicity: Disk3 Module3

HitMult_Disk3_Module3

Entries 3819

Mean 0.6614

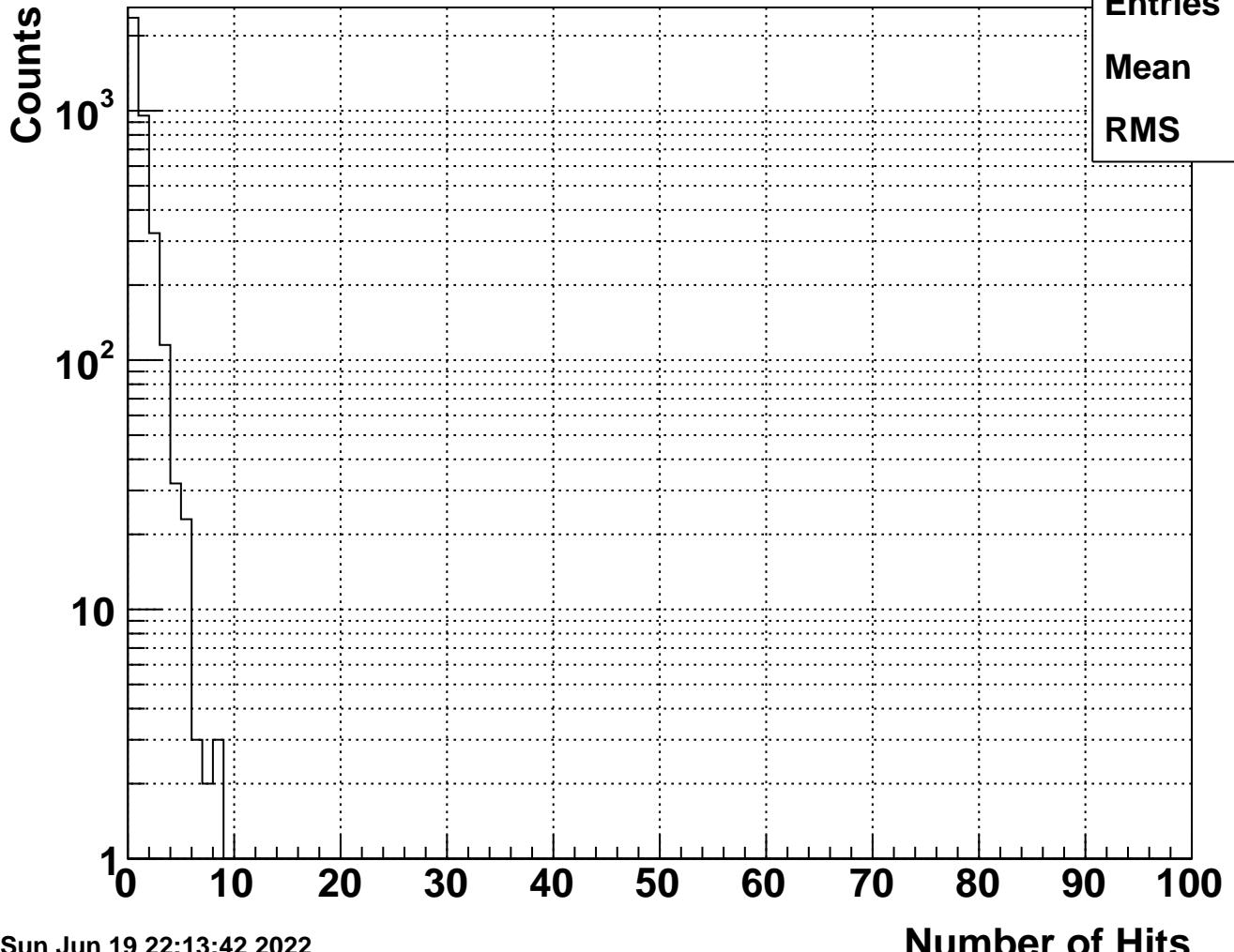
RMS 1.039



FST - Hit Multiplicity: Disk3 Module4

HitMult_Disk3_Module4

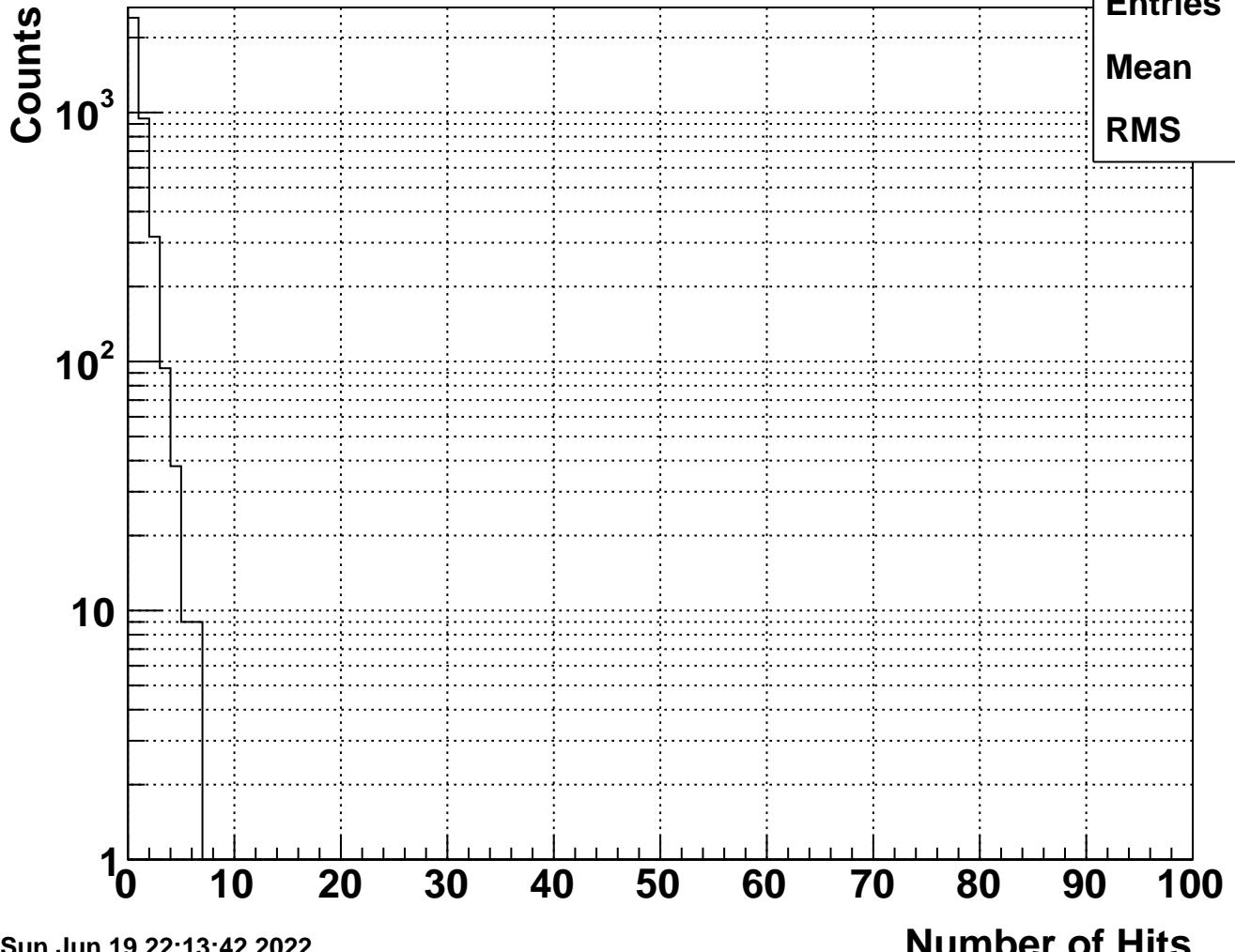
Entries 3819
Mean 0.5905
RMS 0.9597



FST - Hit Multiplicity: Disk3 Module5

HitMult_Disk3_Module5

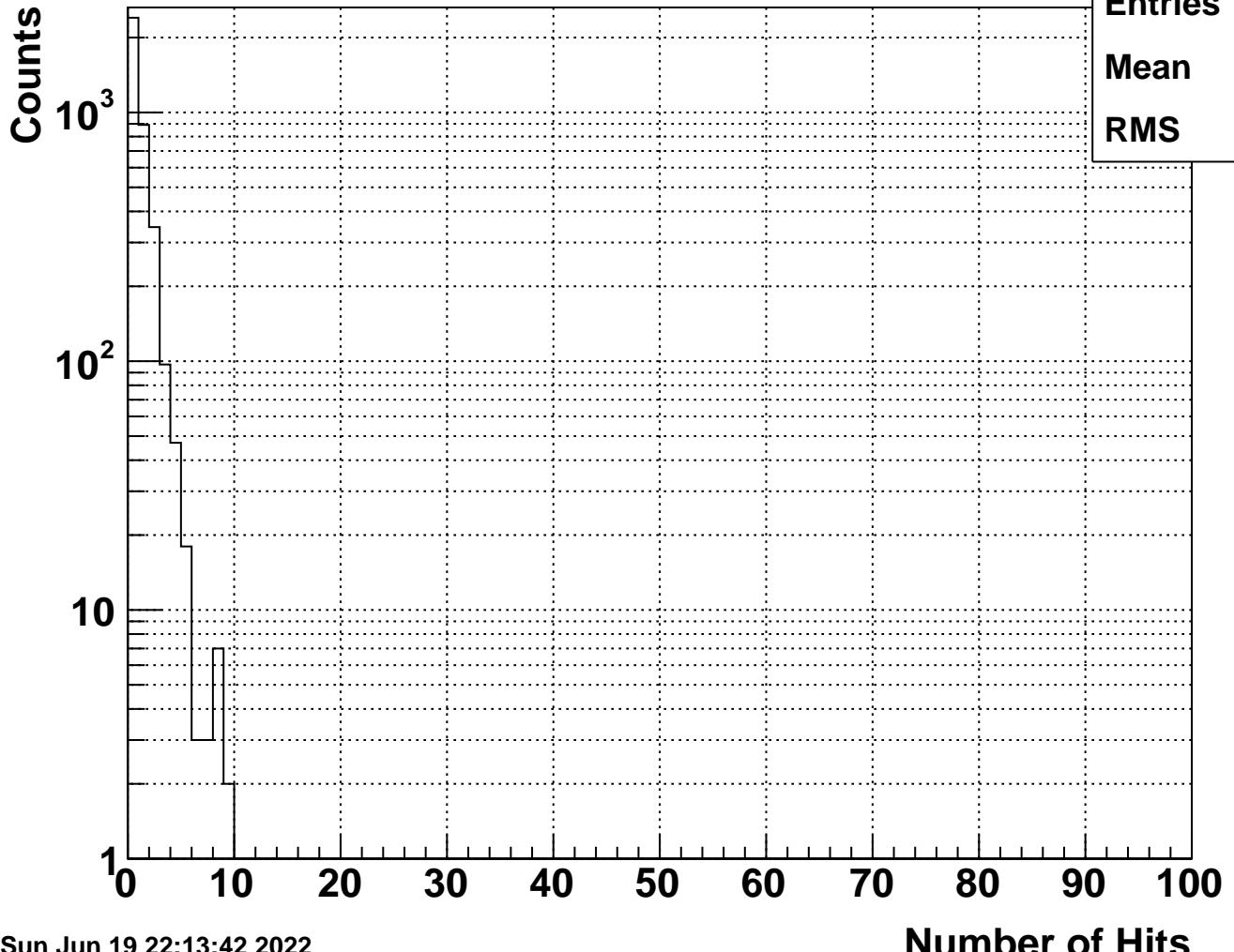
Entries 3819
Mean 0.5635
RMS 0.944



FST - Hit Multiplicity: Disk3 Module6

HitMult_Disk3_Module6

Entries 3819
Mean 0.5991
RMS 1.038



FST - Hit Multiplicity: Disk3 Module7

HitMult_Disk3_Module7

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries 3819
Mean 0.4996
RMS 0.9129

FST - Hit Multiplicity: Disk3 Module8

HitMult_Disk3_Module8

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

Entries	3819
Mean	0.5609
RMS	0.94

FST - Hit Multiplicity: Disk3 Module9

HitMult_Disk3_Module9

Counts

10^3

10^2

10^1

1^0

0 10 20 30 40 50 60 70 80 90 100

Number of Hits

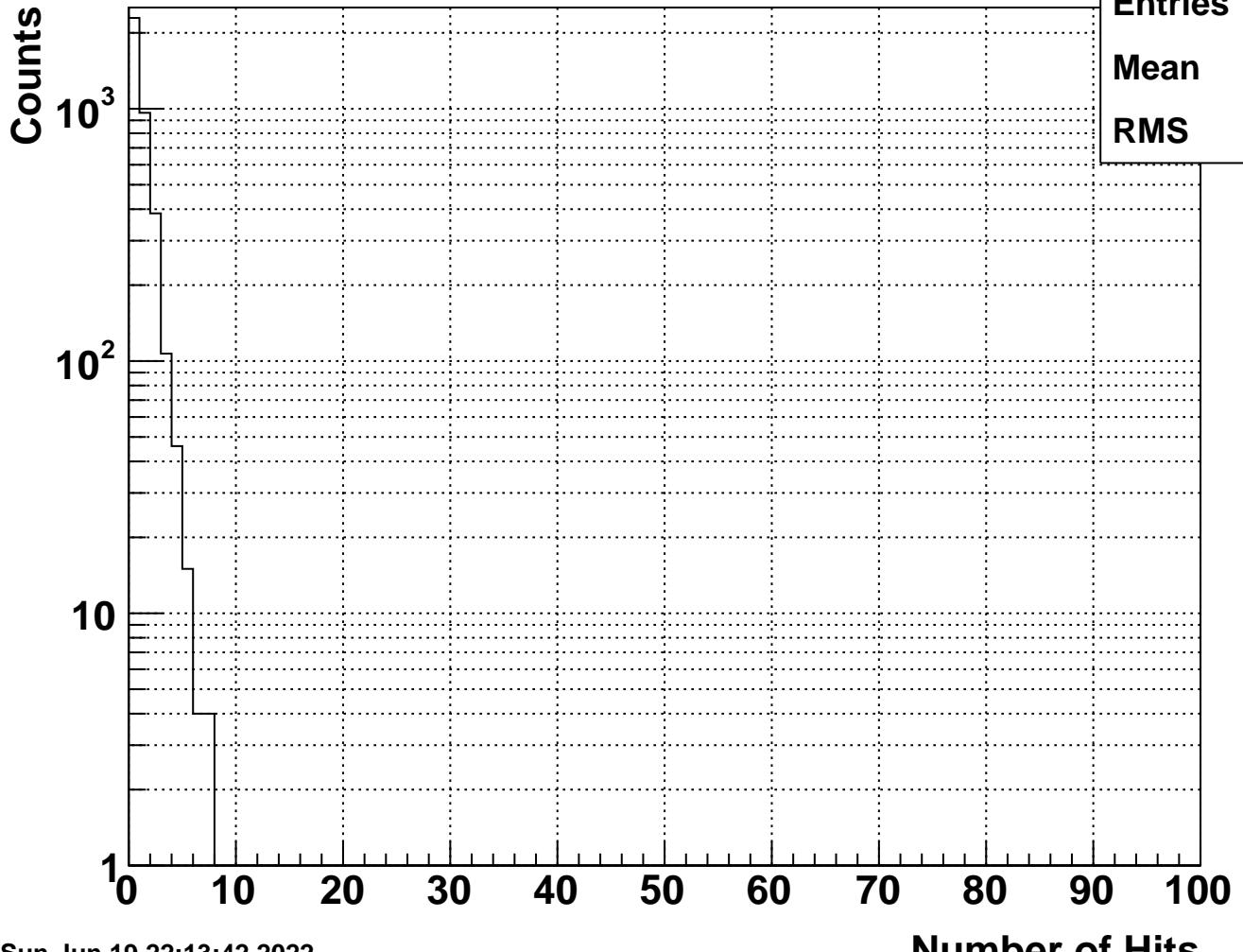
Entries 3819

Mean 0.5478

RMS 0.9579

FST - Hit Multiplicity: Disk3 Module10

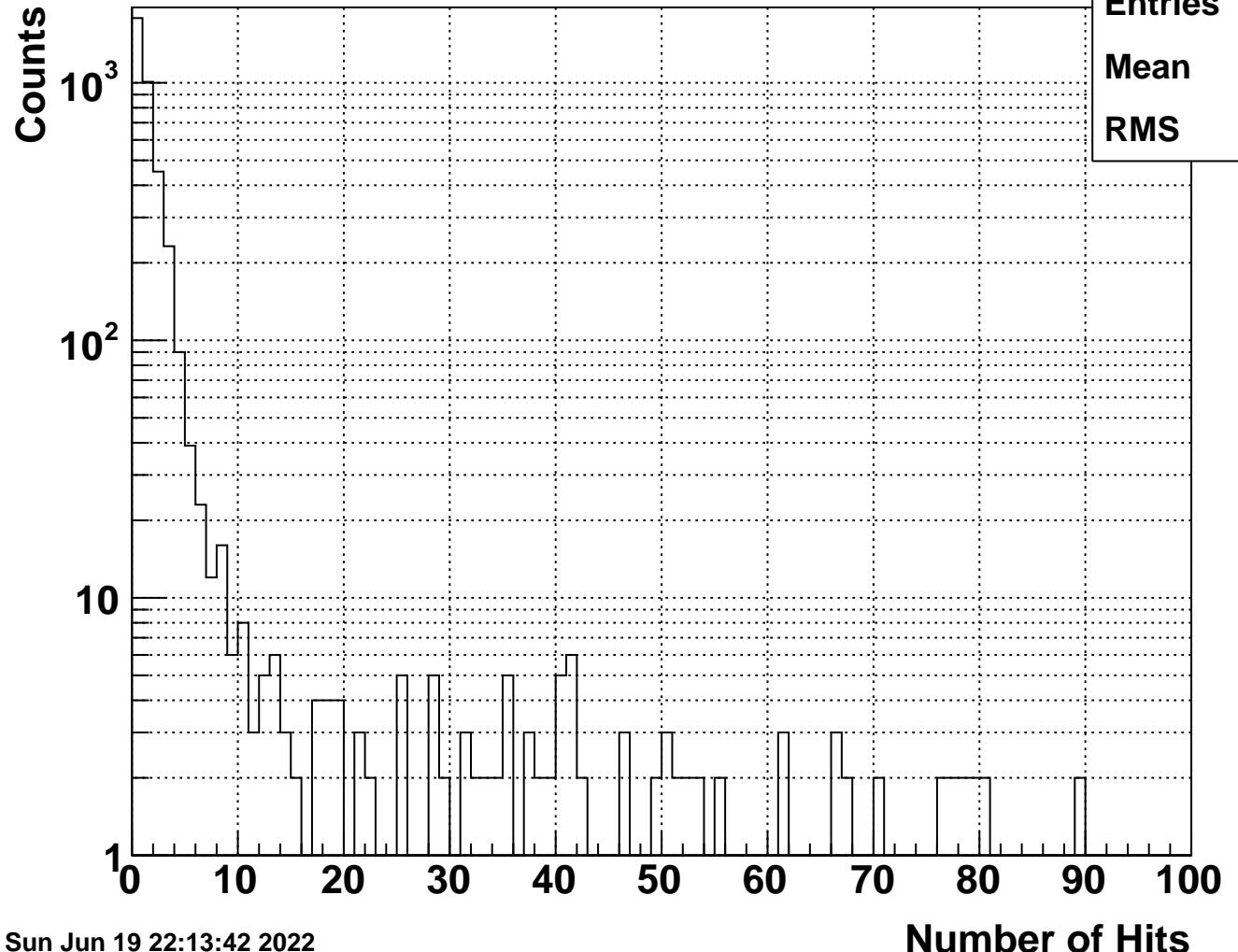
HitMult_Disk3_Module10



Entries 3819
Mean 0.6258
RMS 0.9867

FST - Hit Multiplicity: Disk3 Module11

HitMult_Disk3_Module11	
Entries	3819
Mean	2.526
RMS	8.99



FST - Hit Multiplicity: Disk3 Module12

HitMult_Disk3_Module12

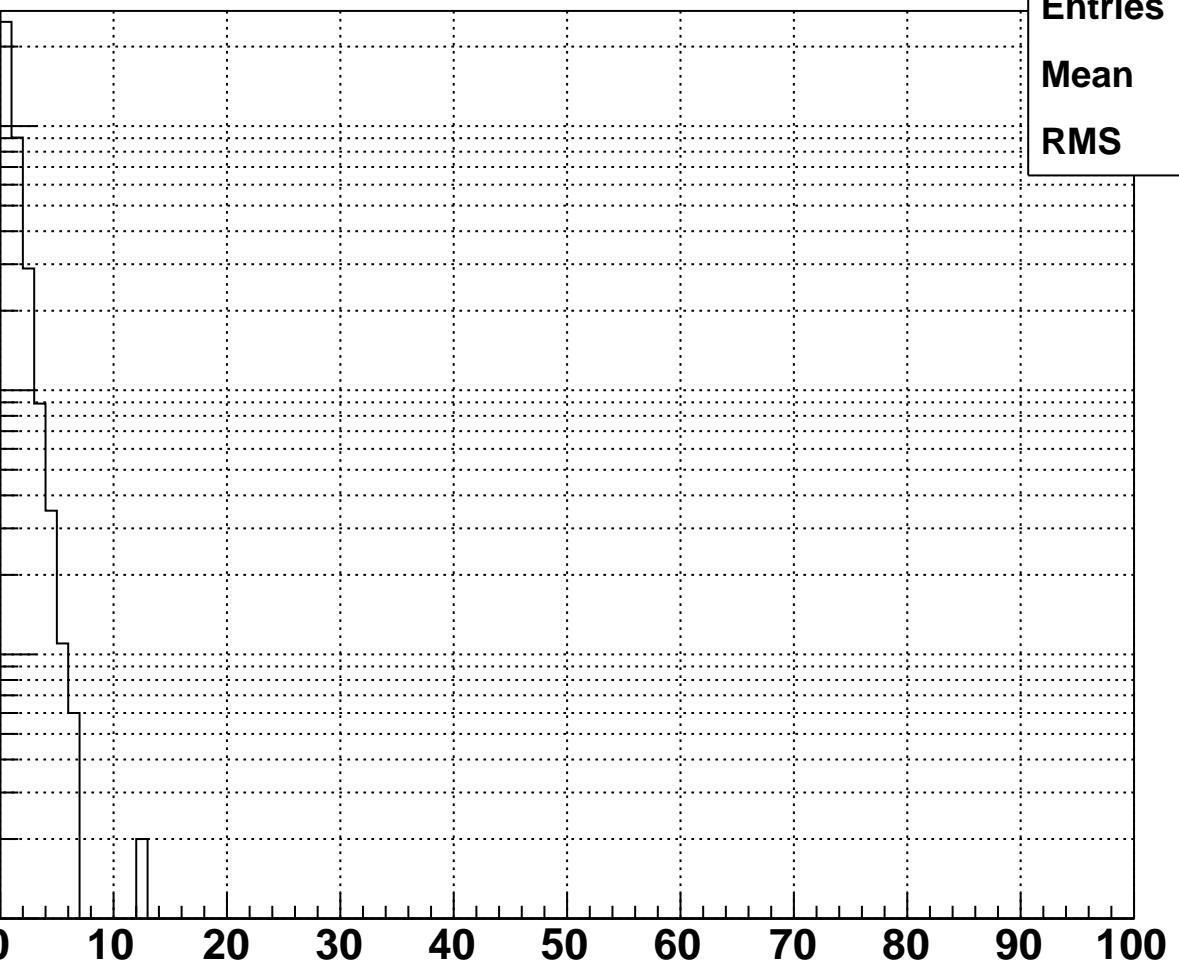
Counts

10^3

10^2

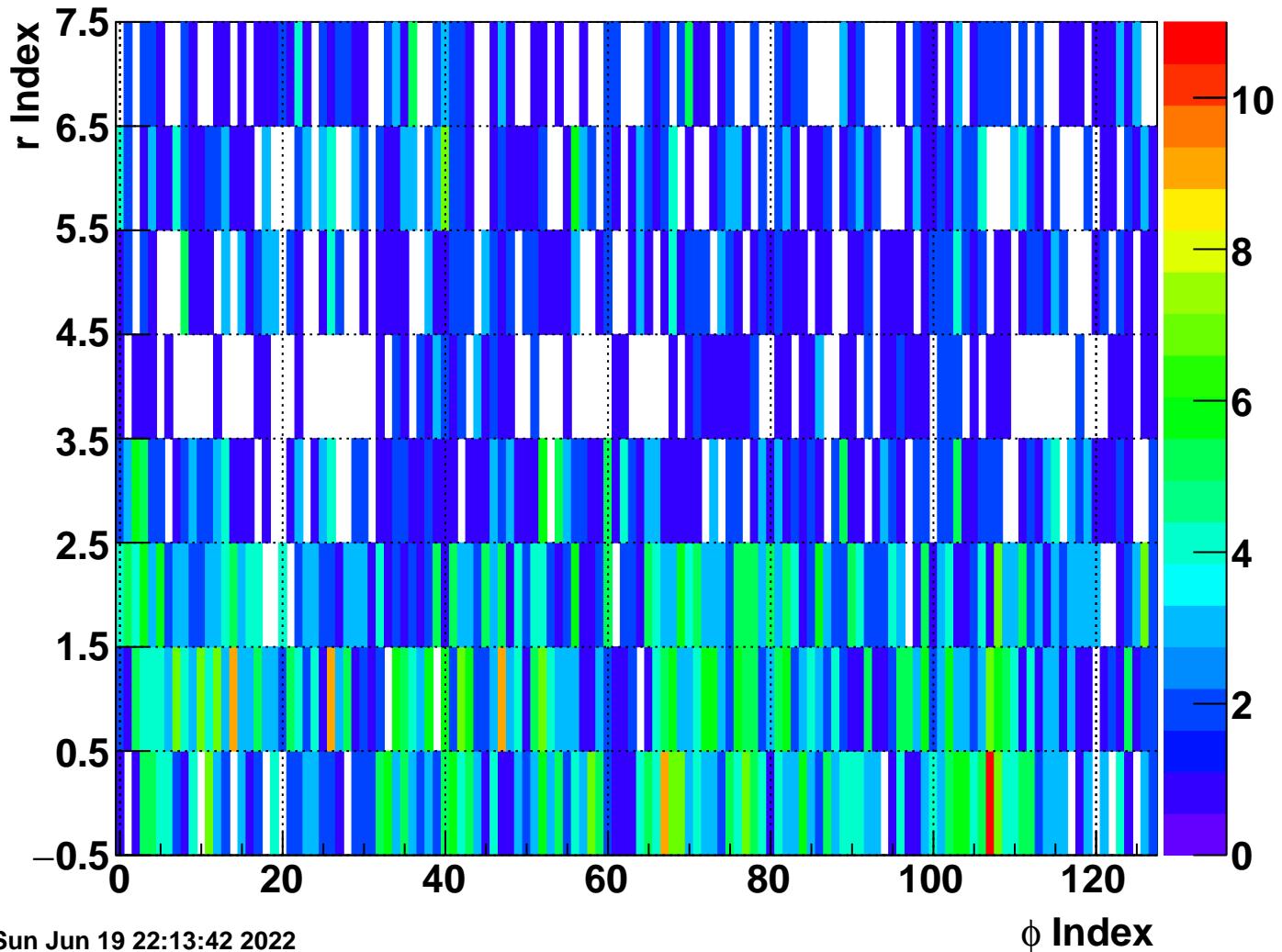
10^1

1^0

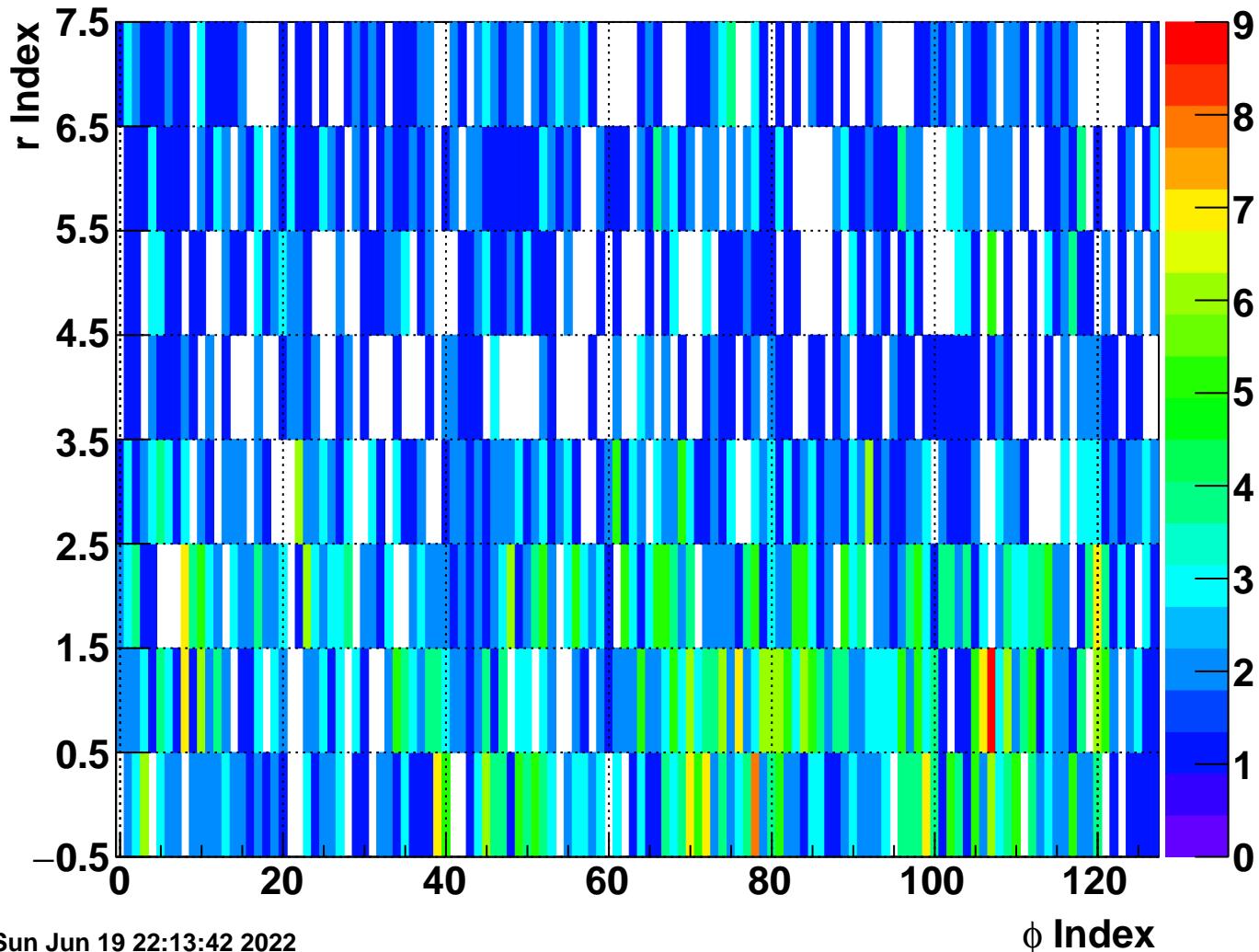


Entries	3819
Mean	0.5268
RMS	0.9139

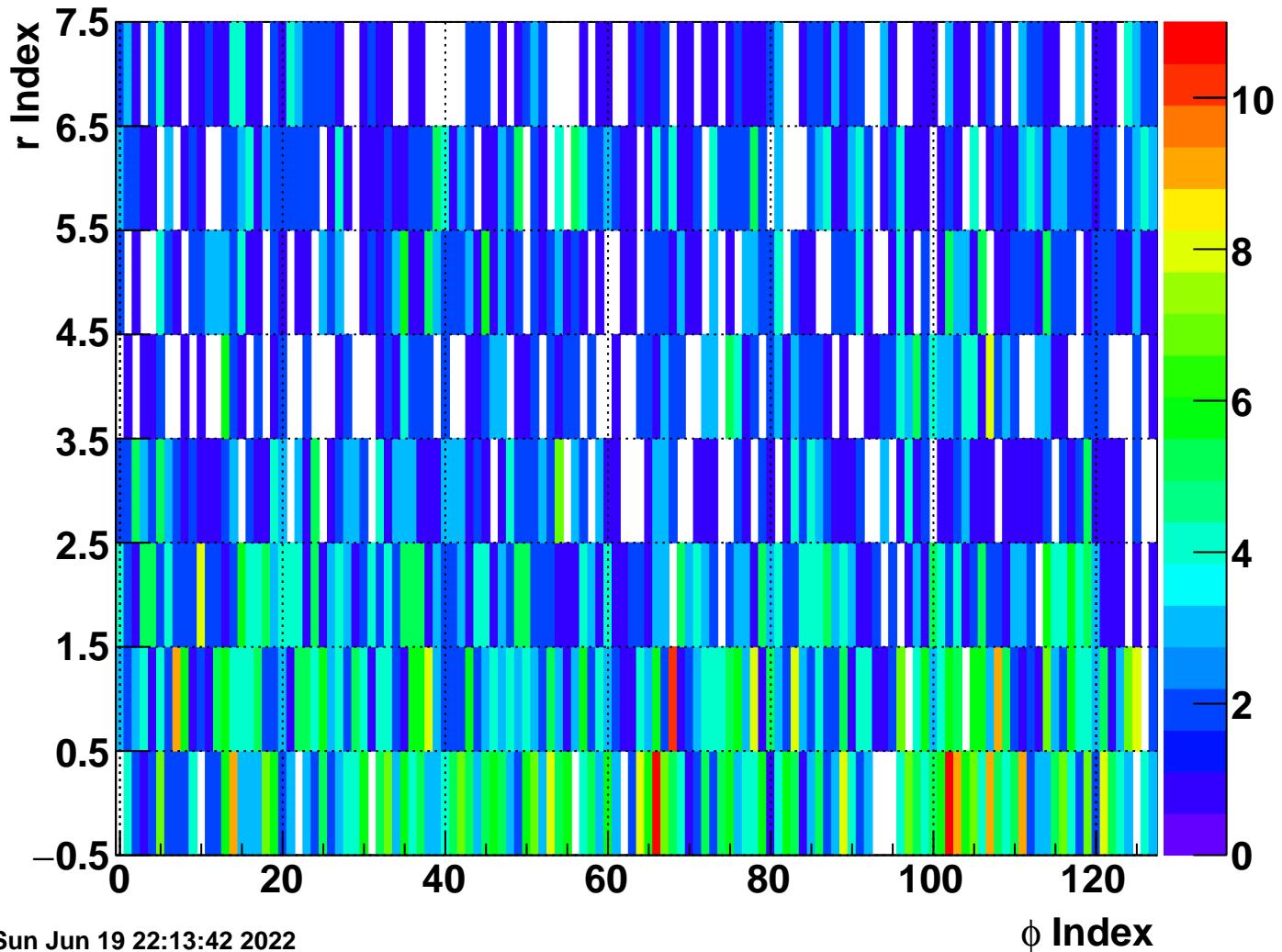
FST - Hit Map (density): Disk1 Module1



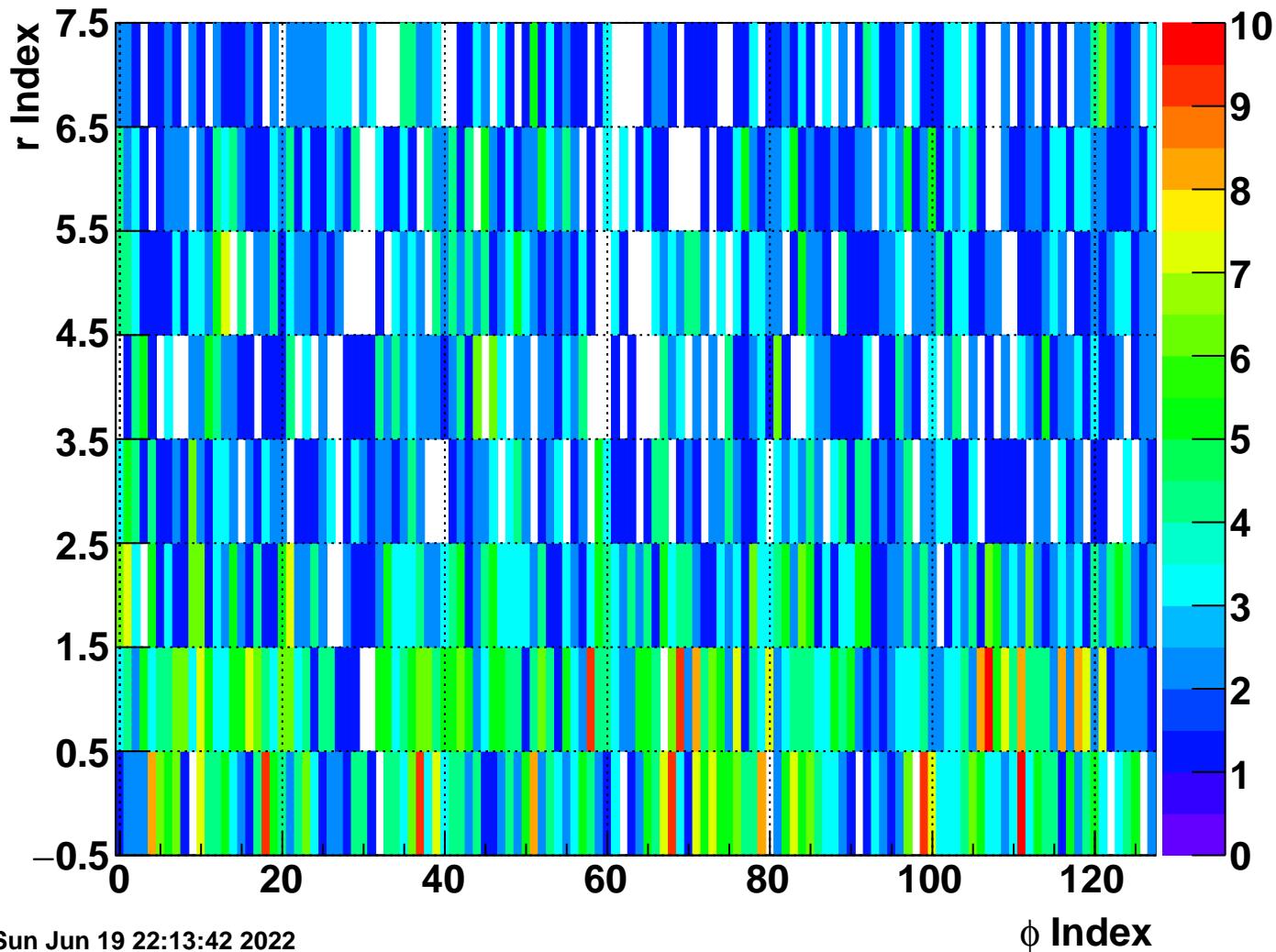
FST - Hit Map (density): Disk1 Module2



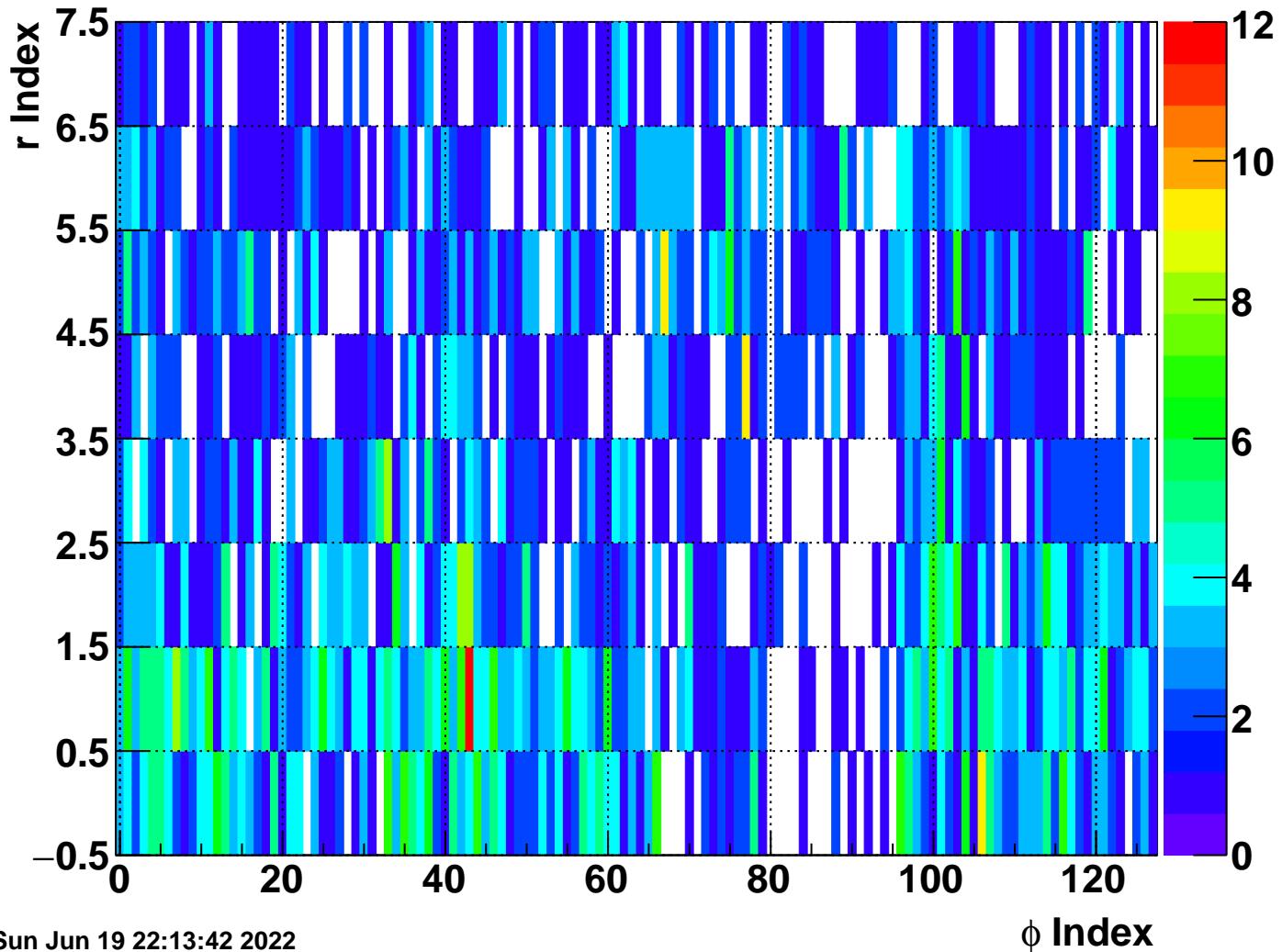
FST - Hit Map (density): Disk1 Module3



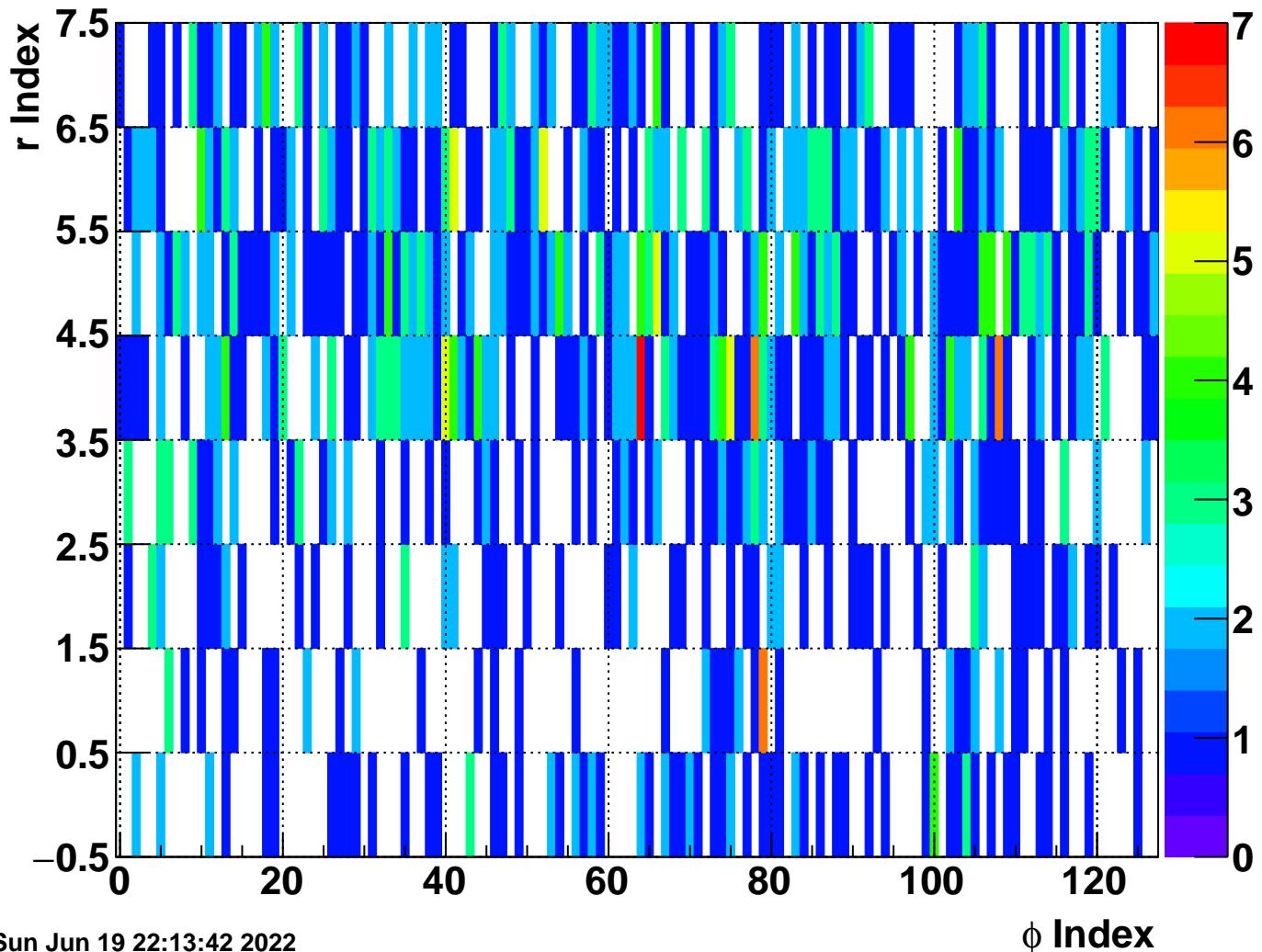
FST - Hit Map (density): Disk1 Module4



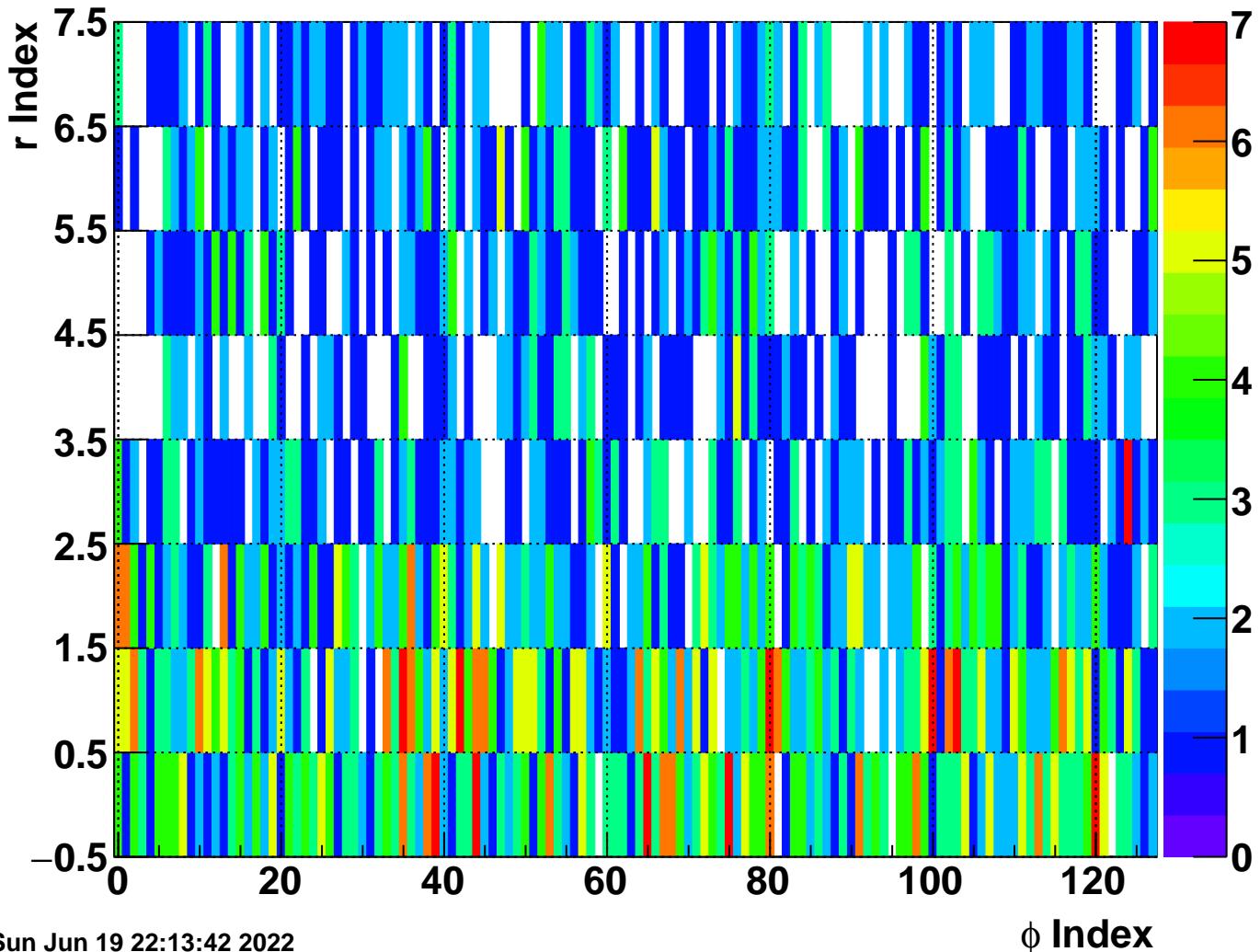
FST - Hit Map (density): Disk1 Module5



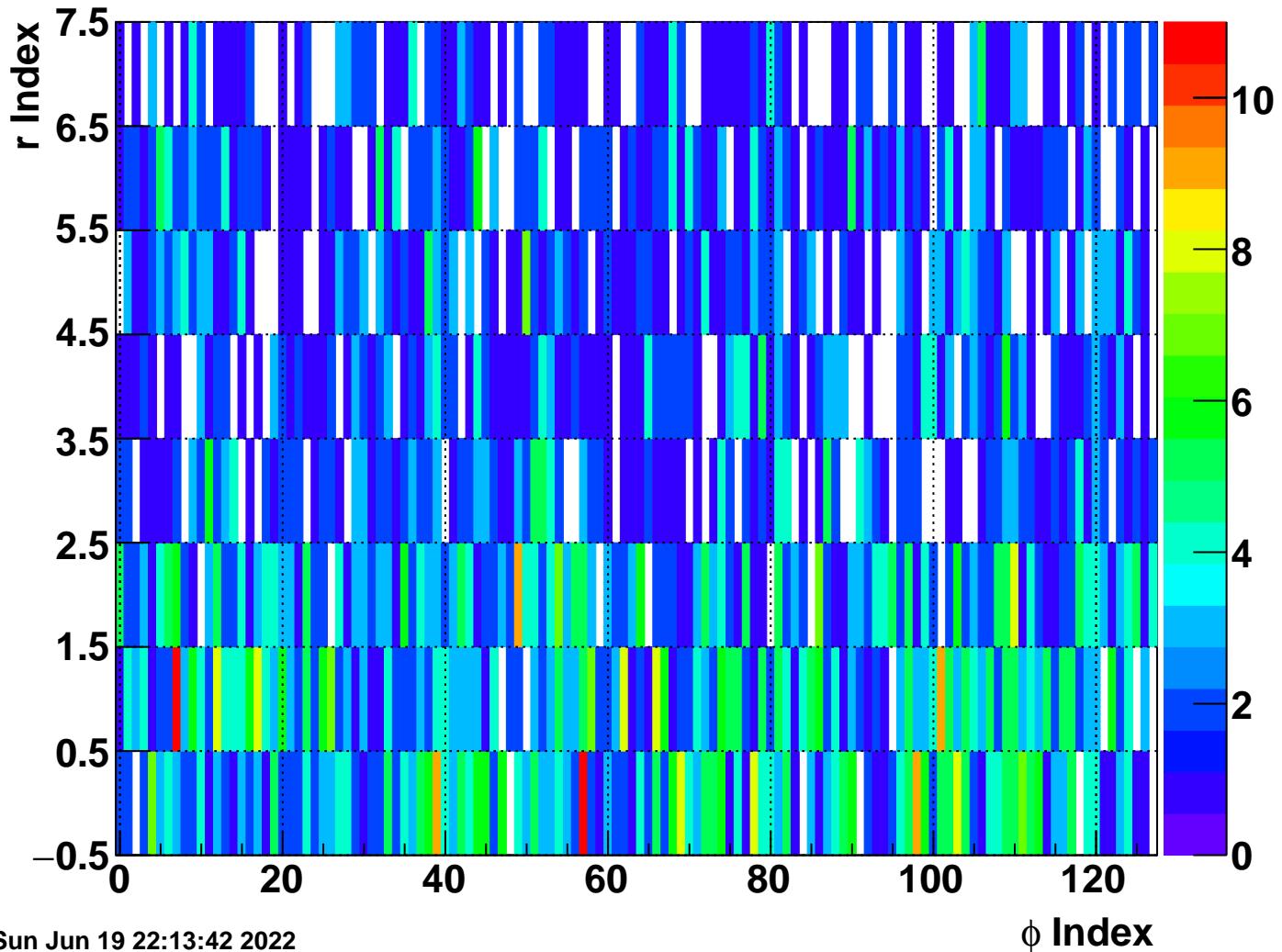
FST - Hit Map (density): Disk1 Module6



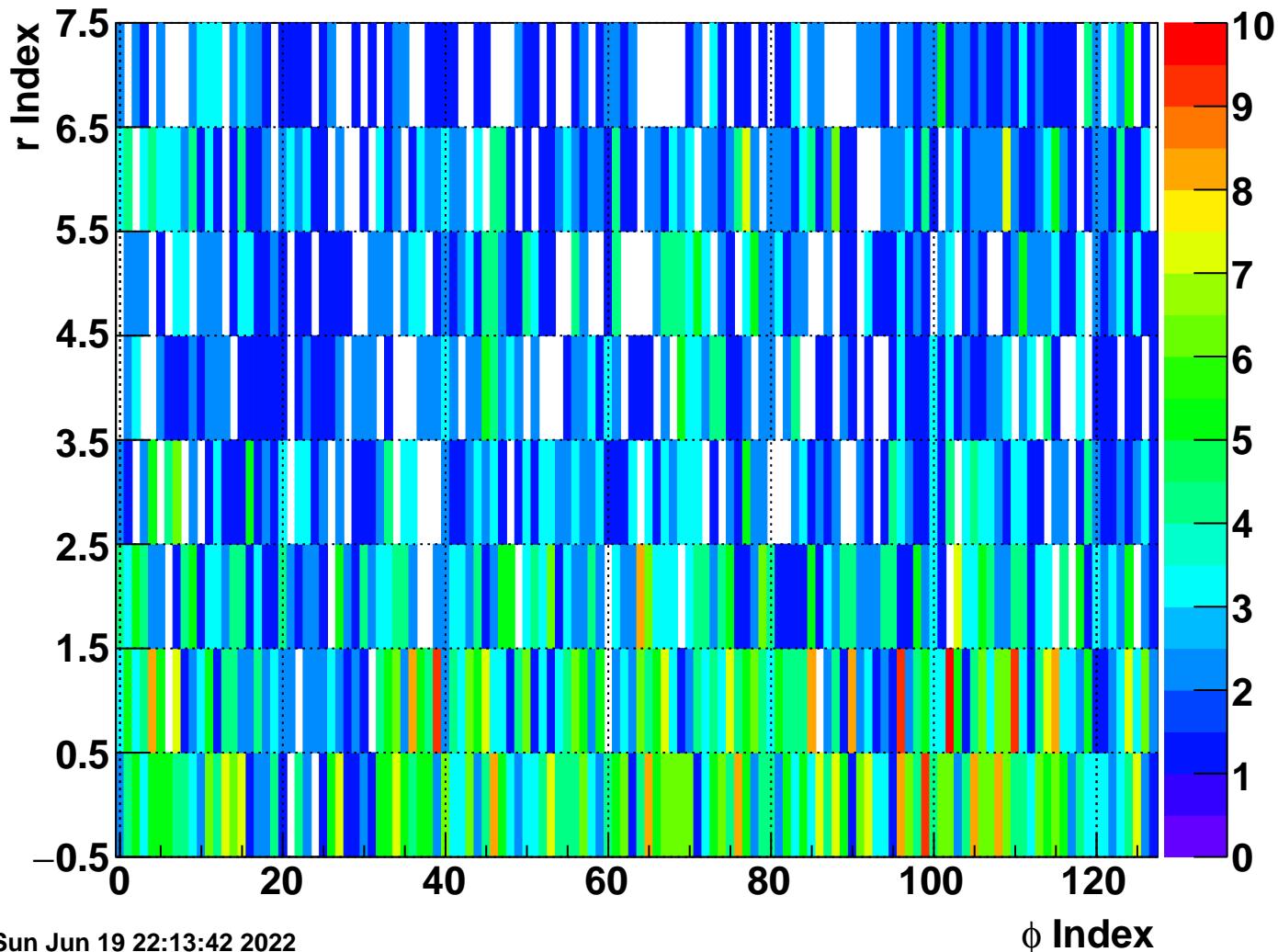
FST - Hit Map (density): Disk1 Module7



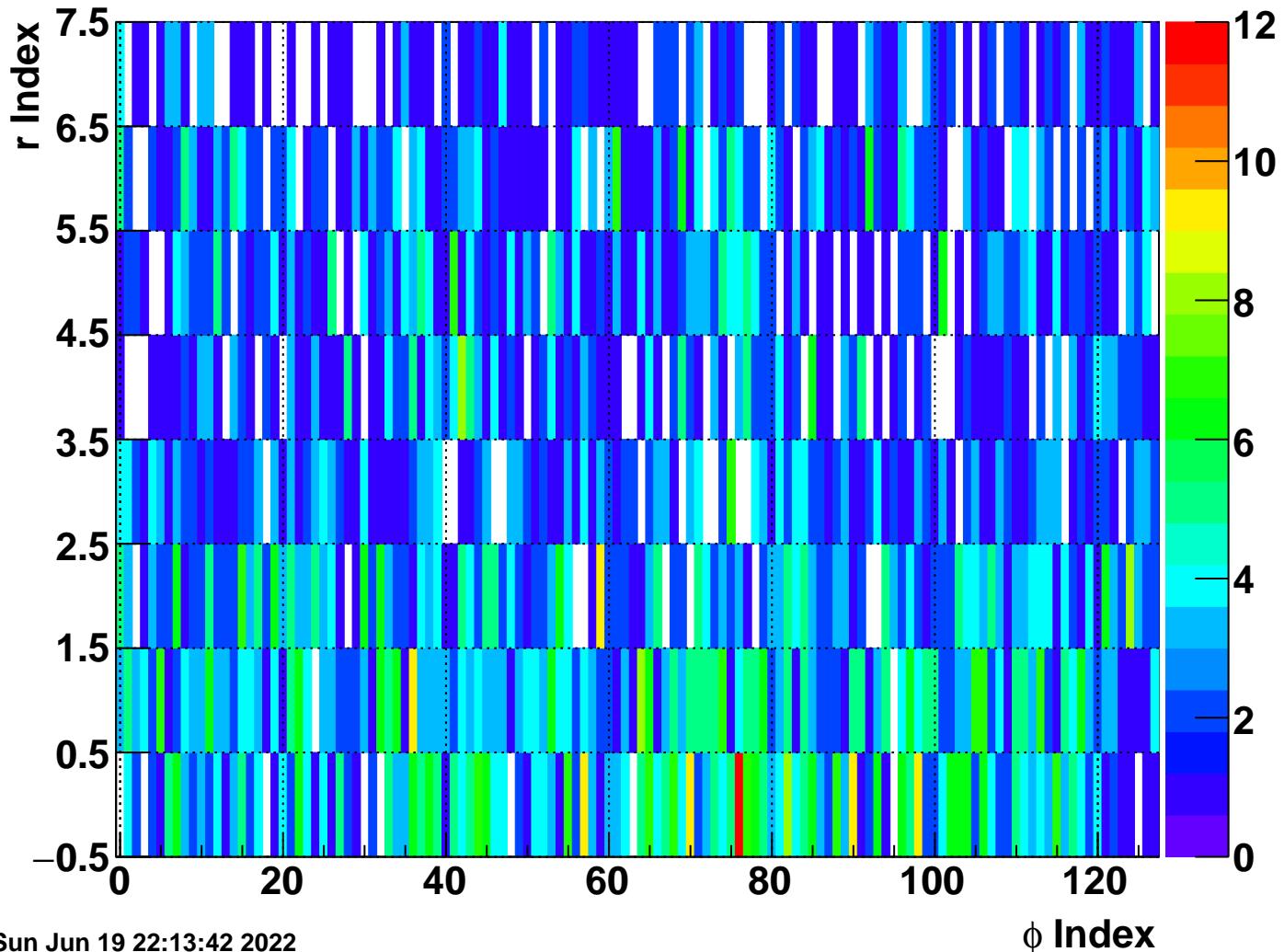
FST - Hit Map (density): Disk1 Module8



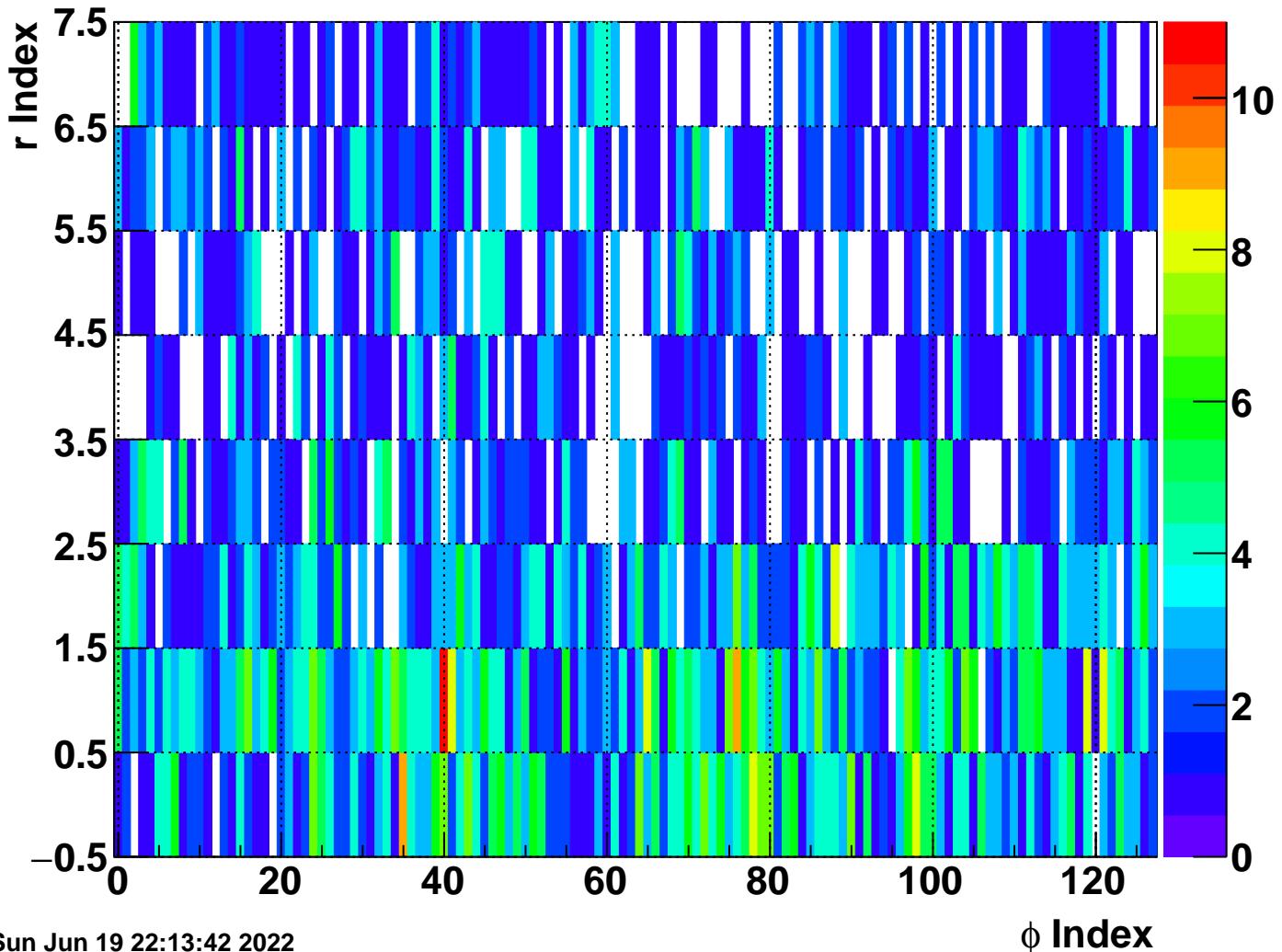
FST - Hit Map (density): Disk1 Module9



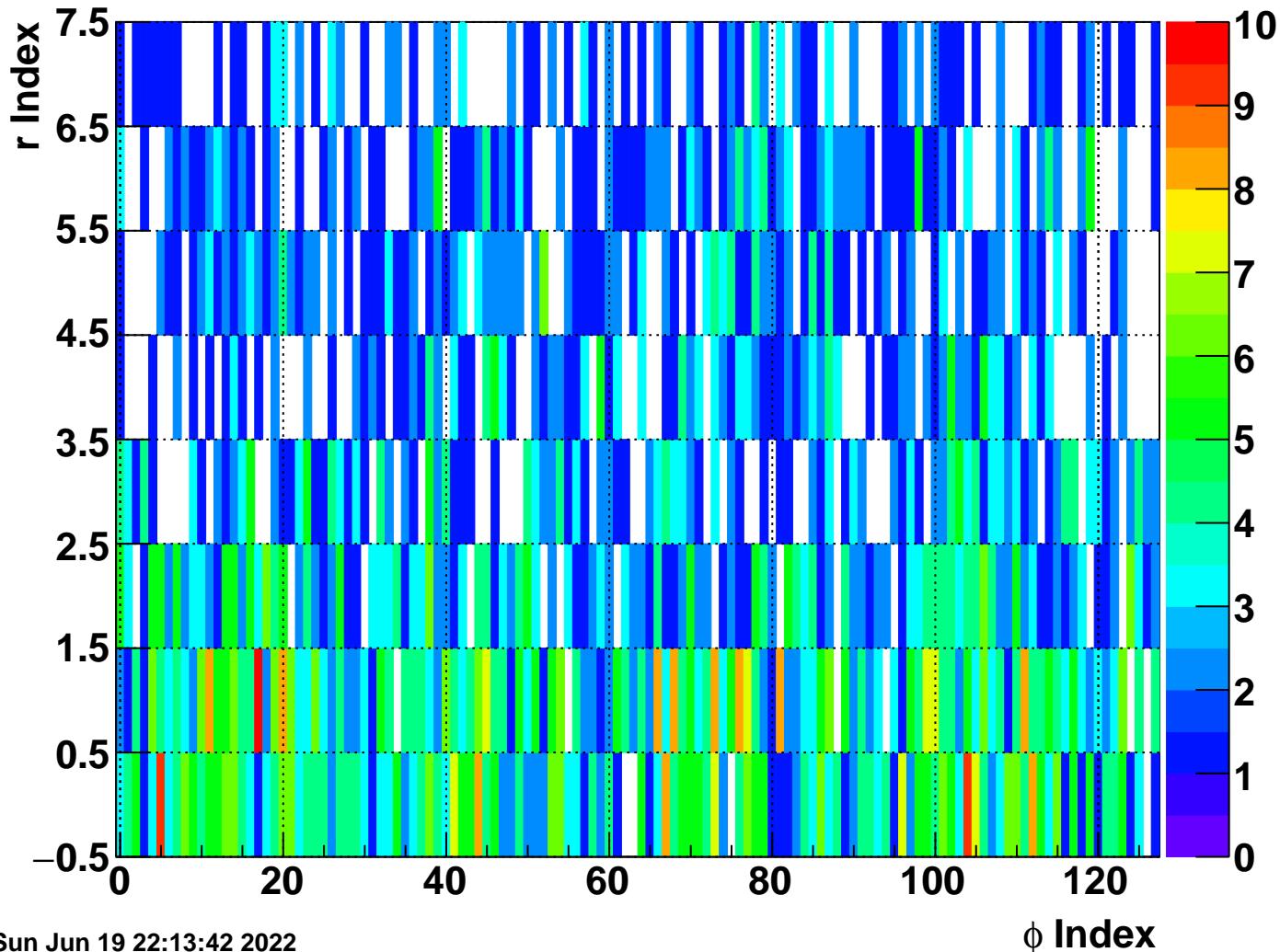
FST - Hit Map (density): Disk1 Module10



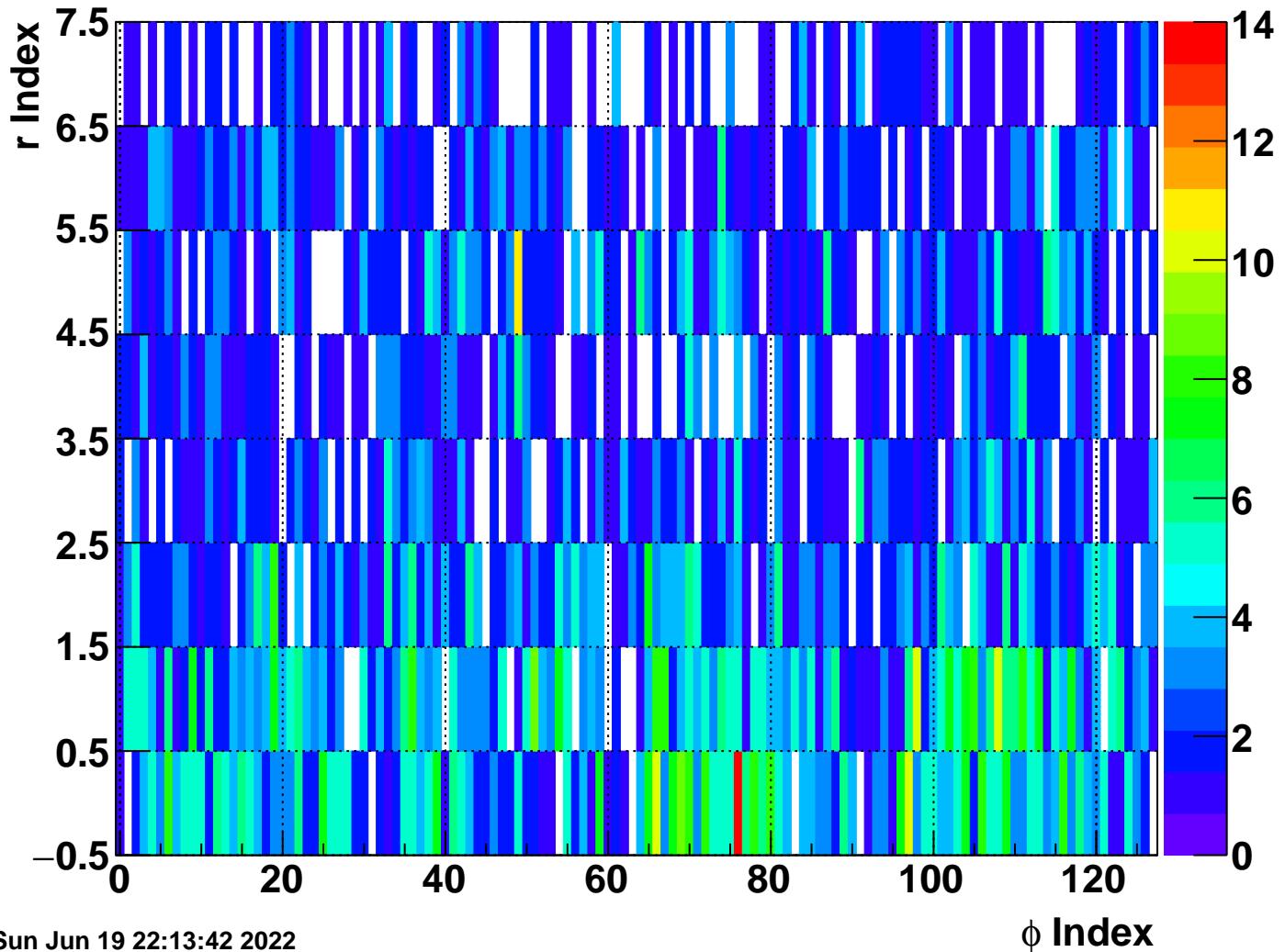
FST - Hit Map (density): Disk1 Module11



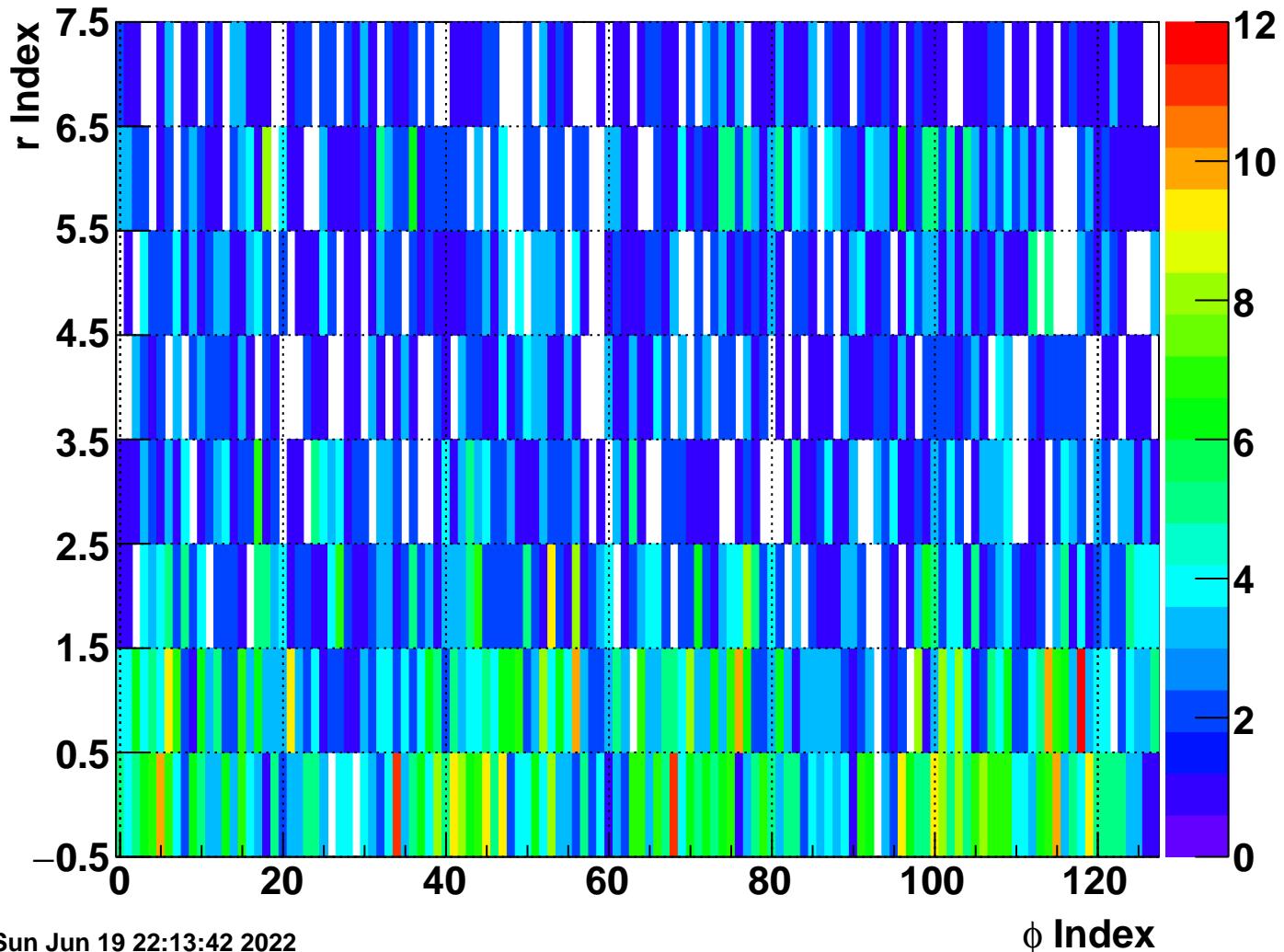
FST - Hit Map (density): Disk1 Module12



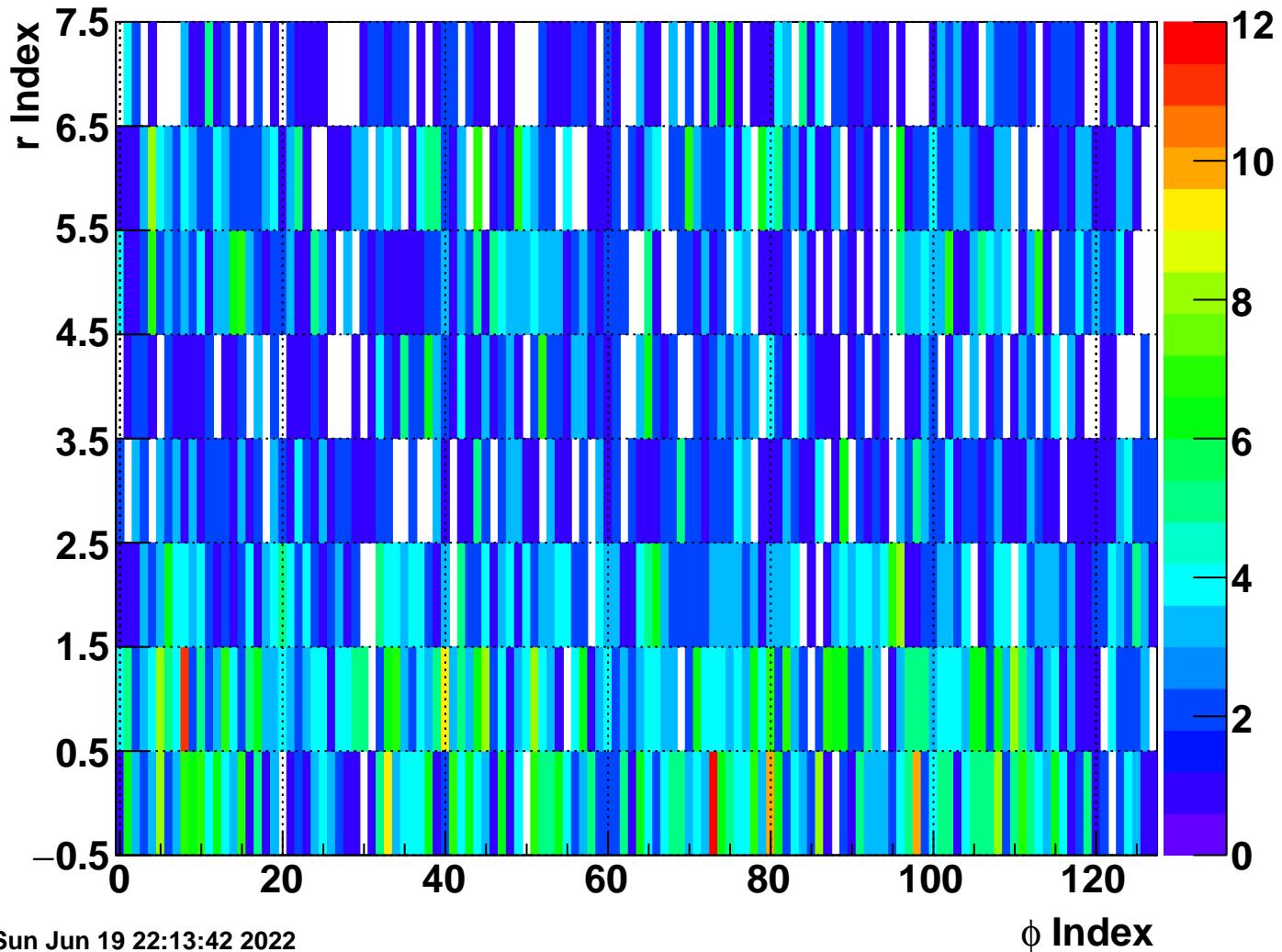
FST - Hit Map (density): Disk2 Module1



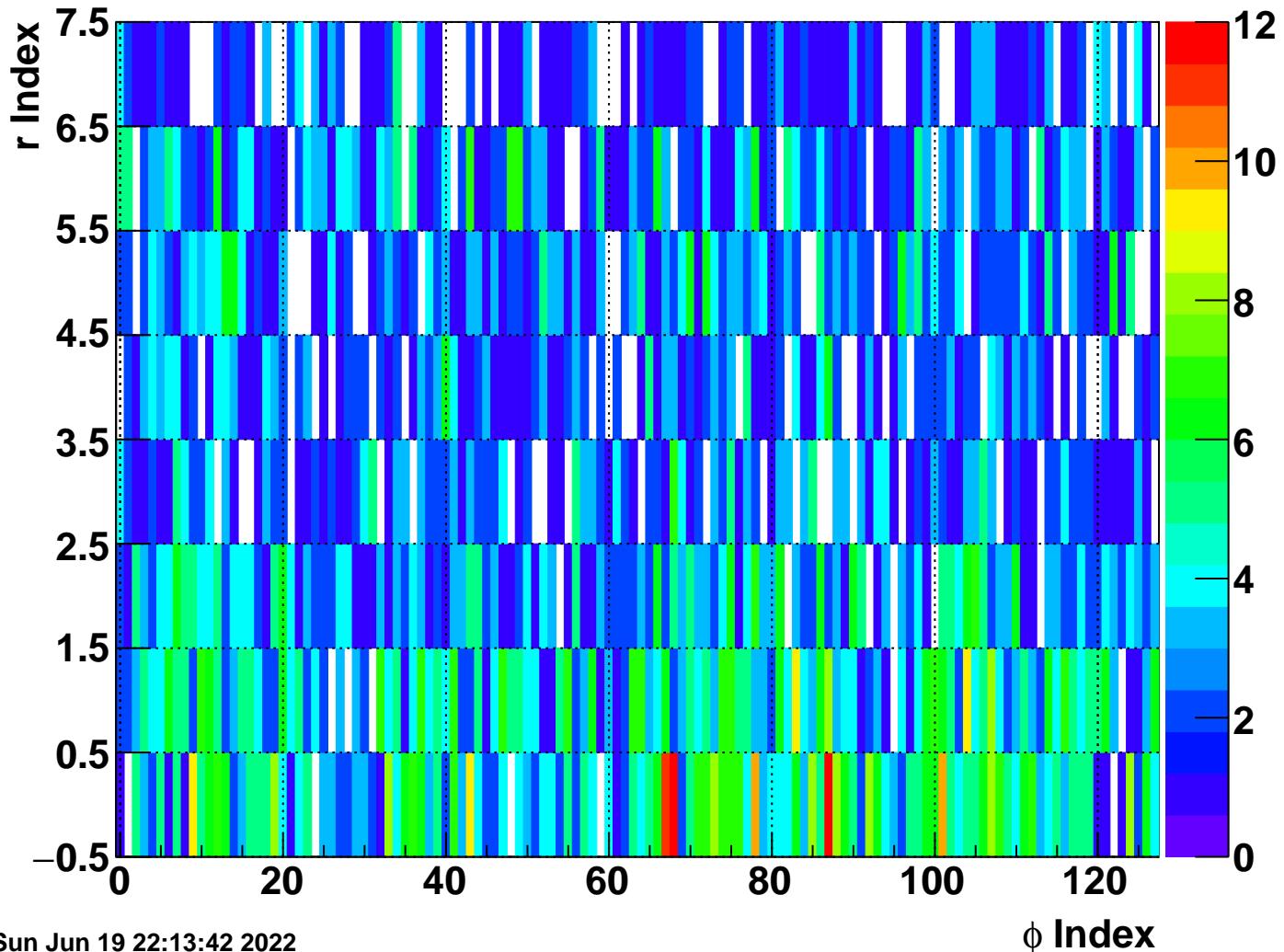
FST - Hit Map (density): Disk2 Module2



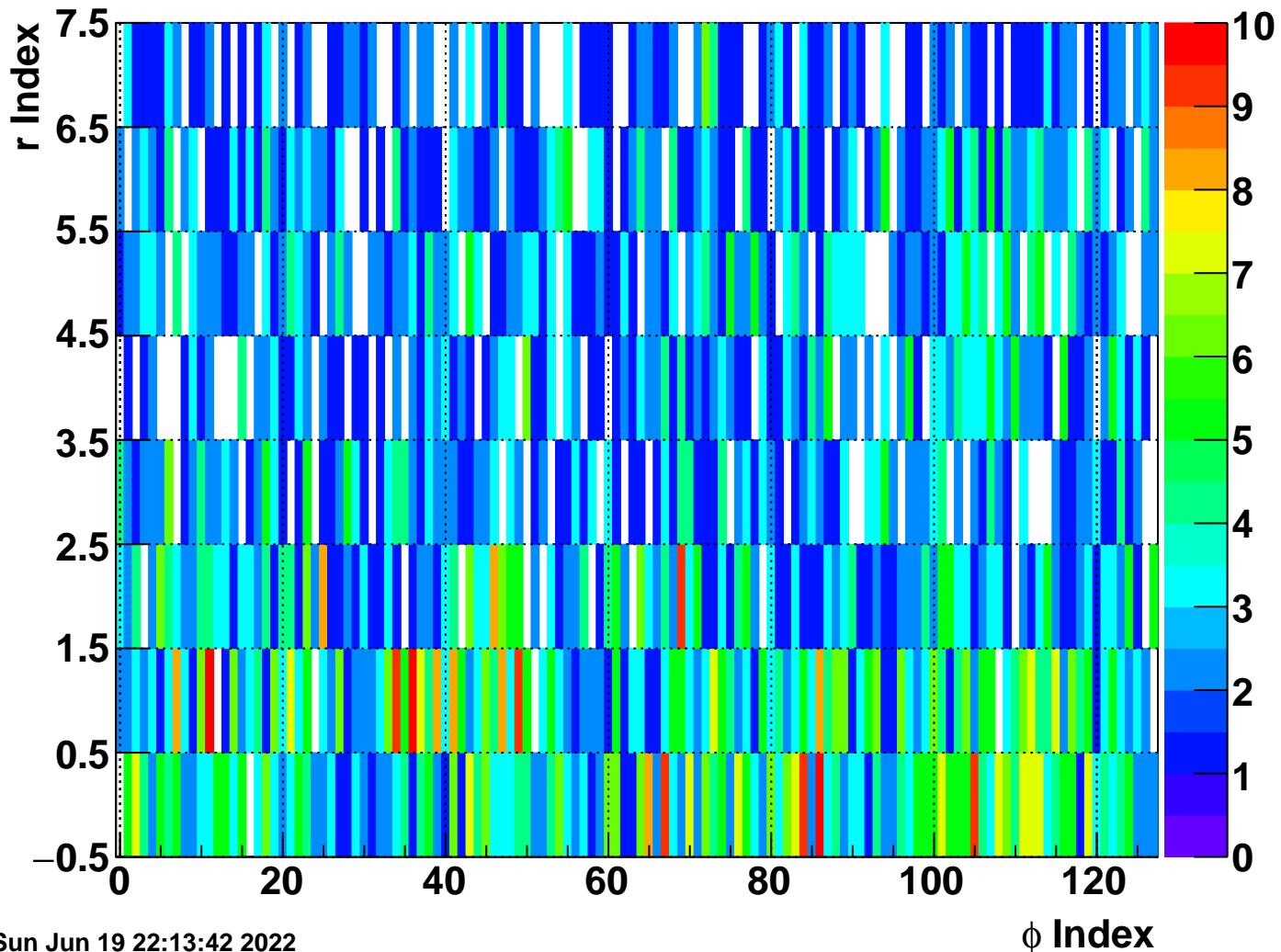
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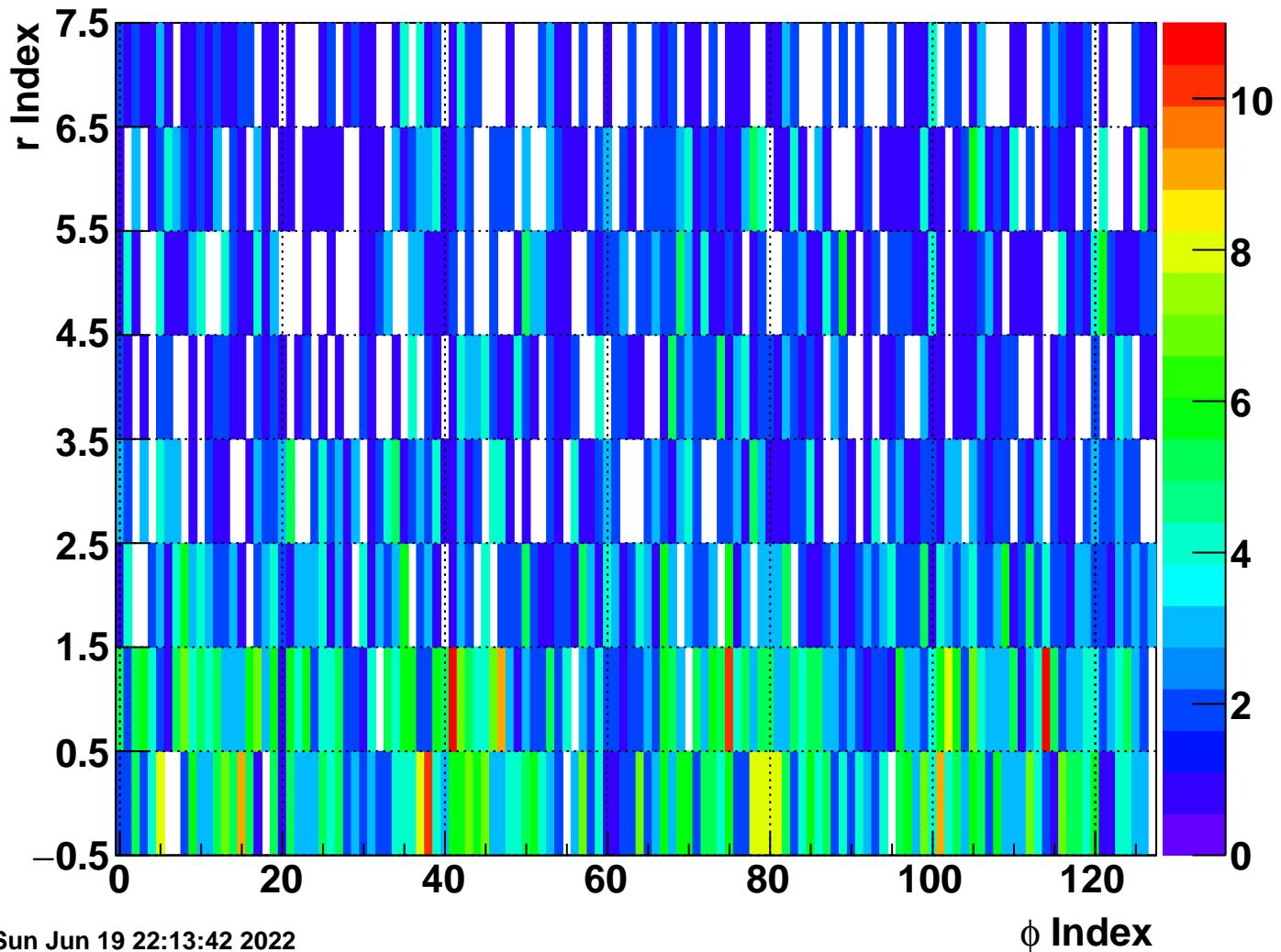
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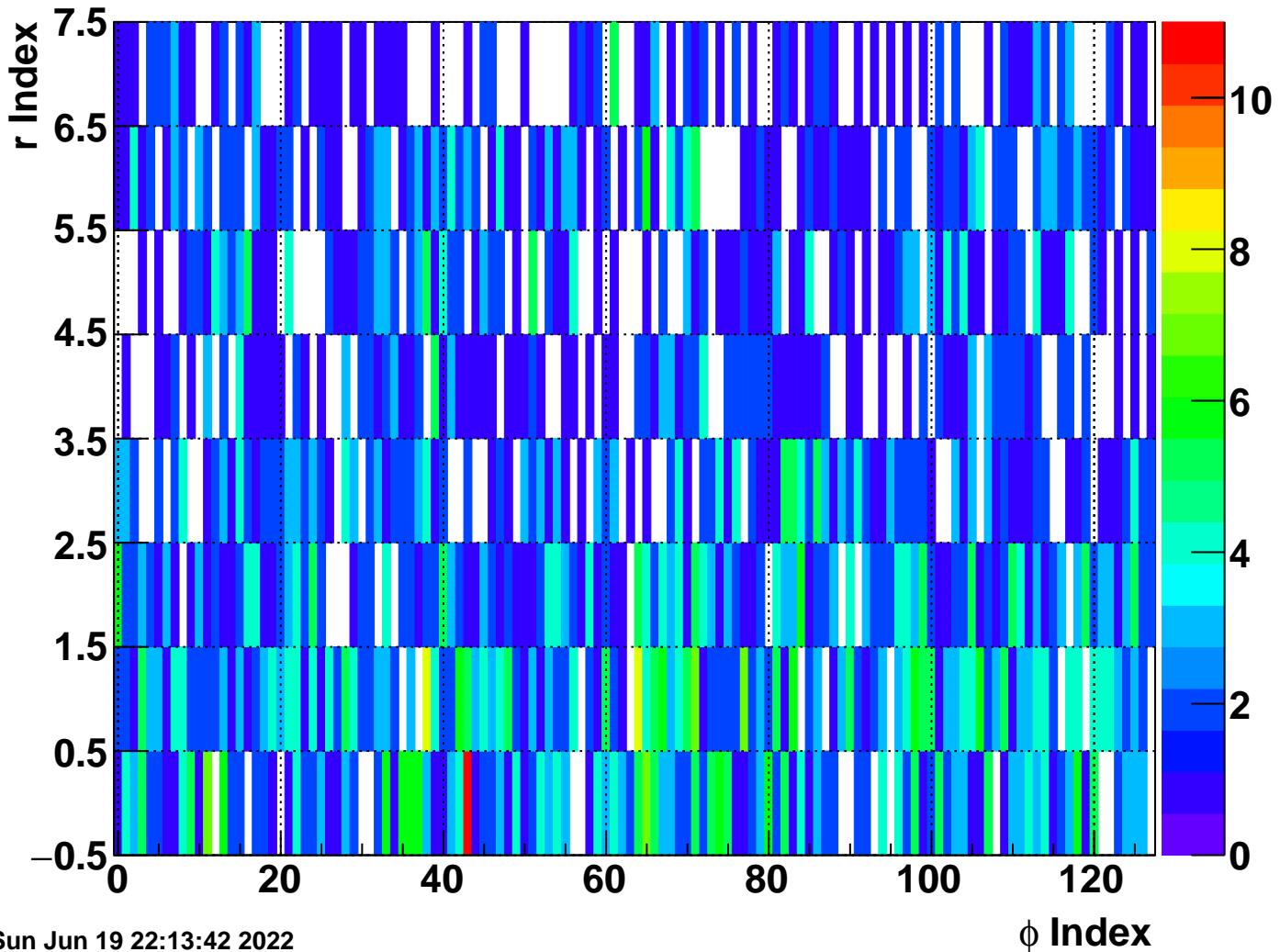
FST - Hit Map (density): Disk2 Module5



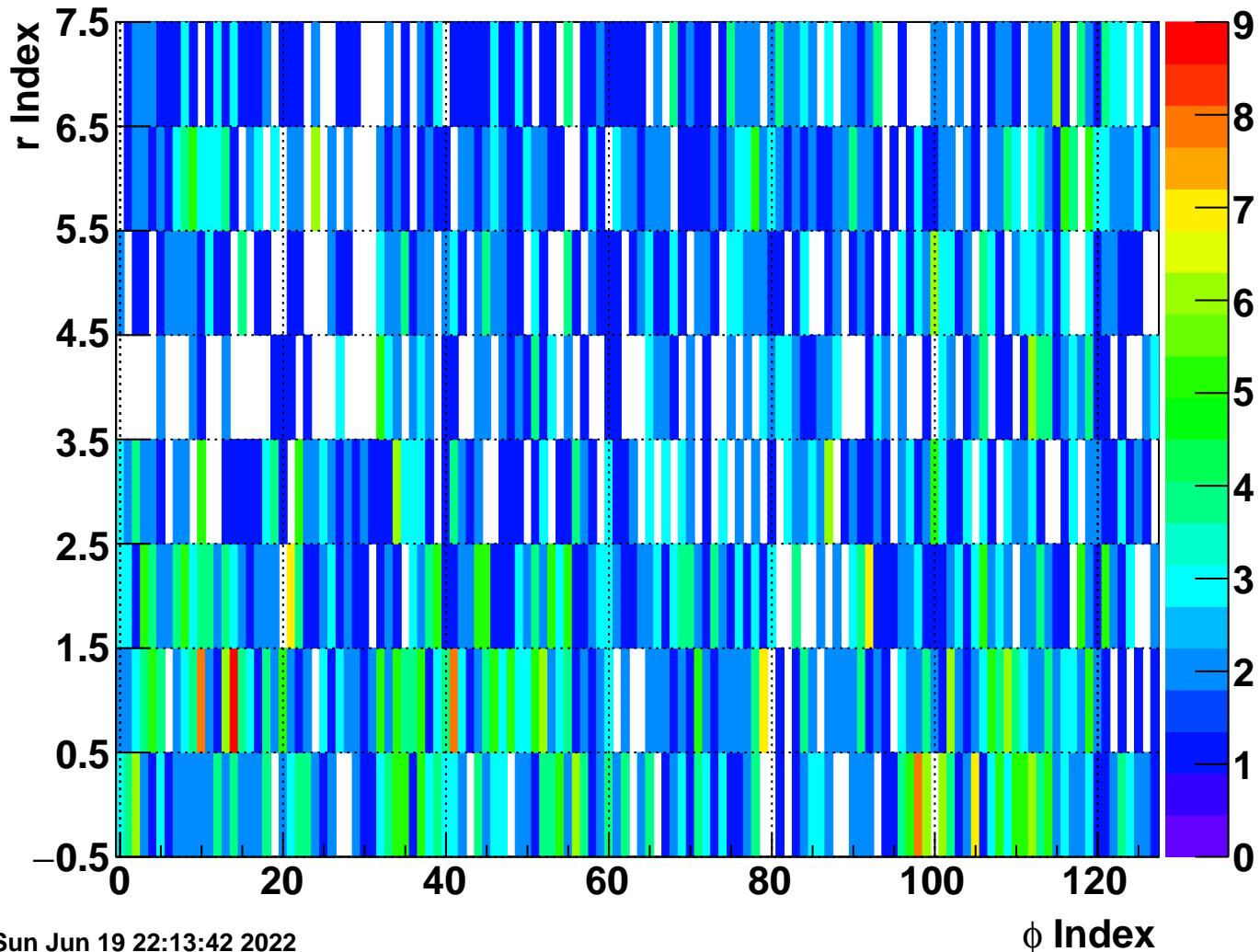
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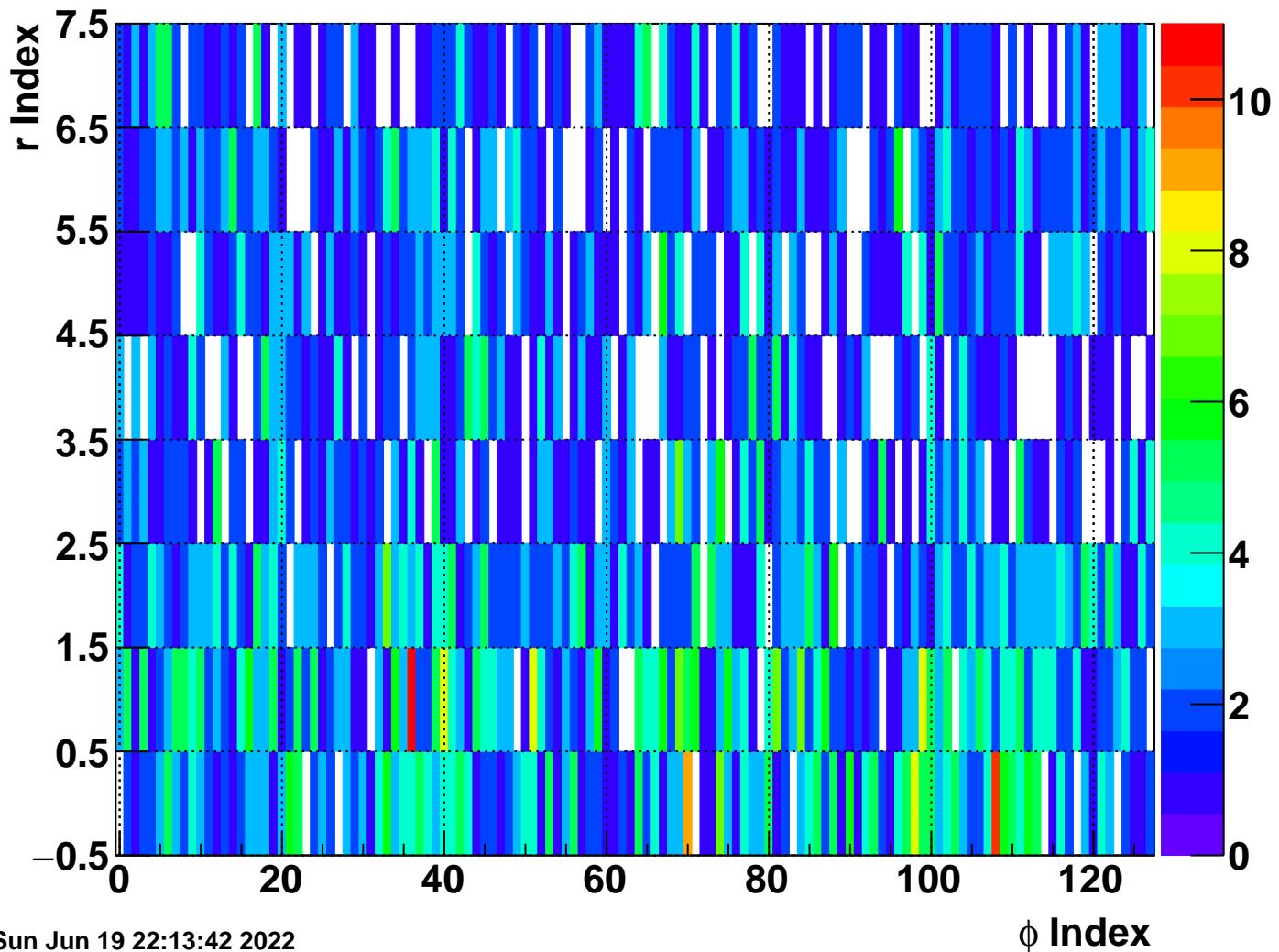
FST - Hit Map (density): Disk2 Module7



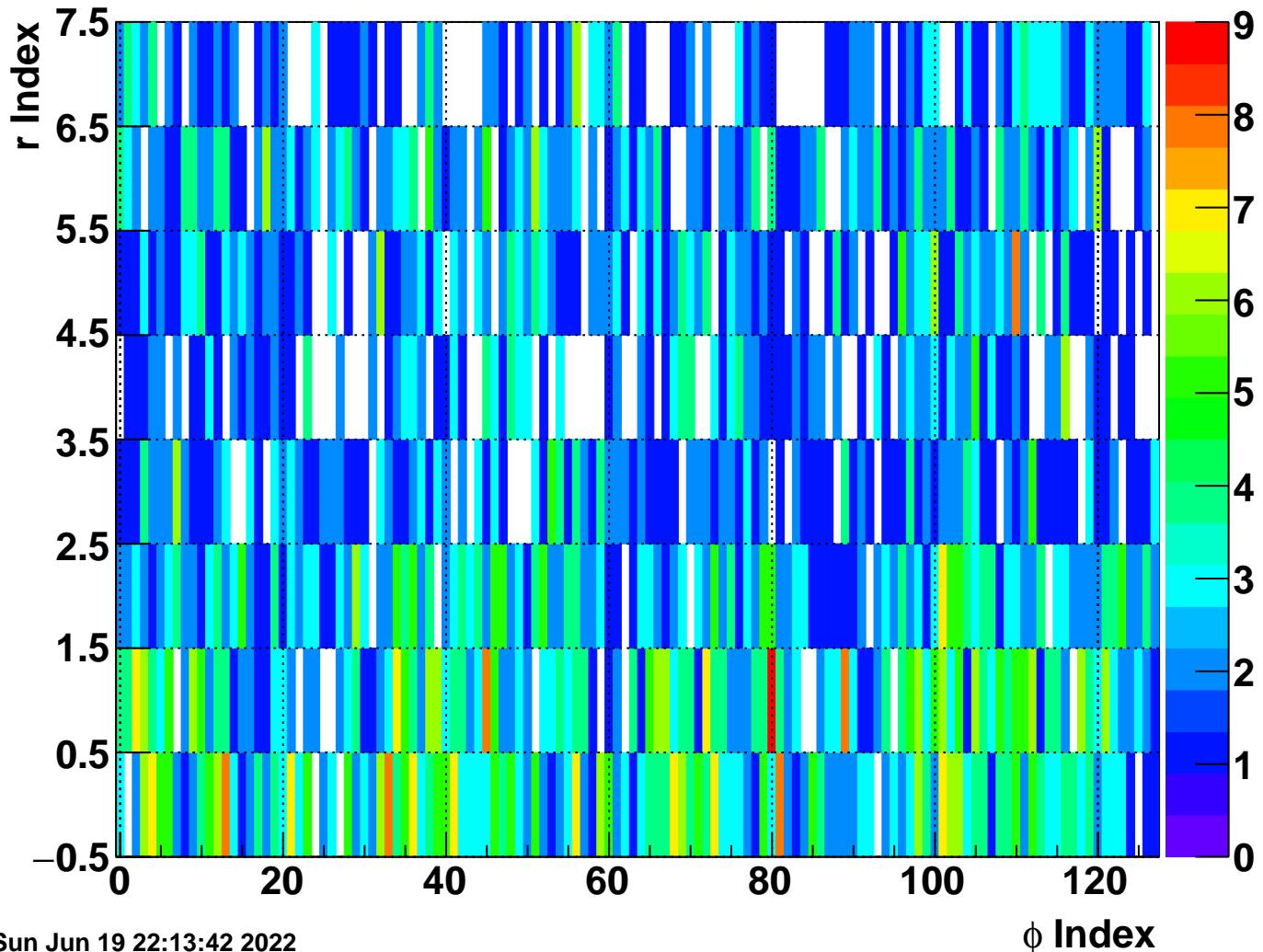
FST - Hit Map (density): Disk2 Module8



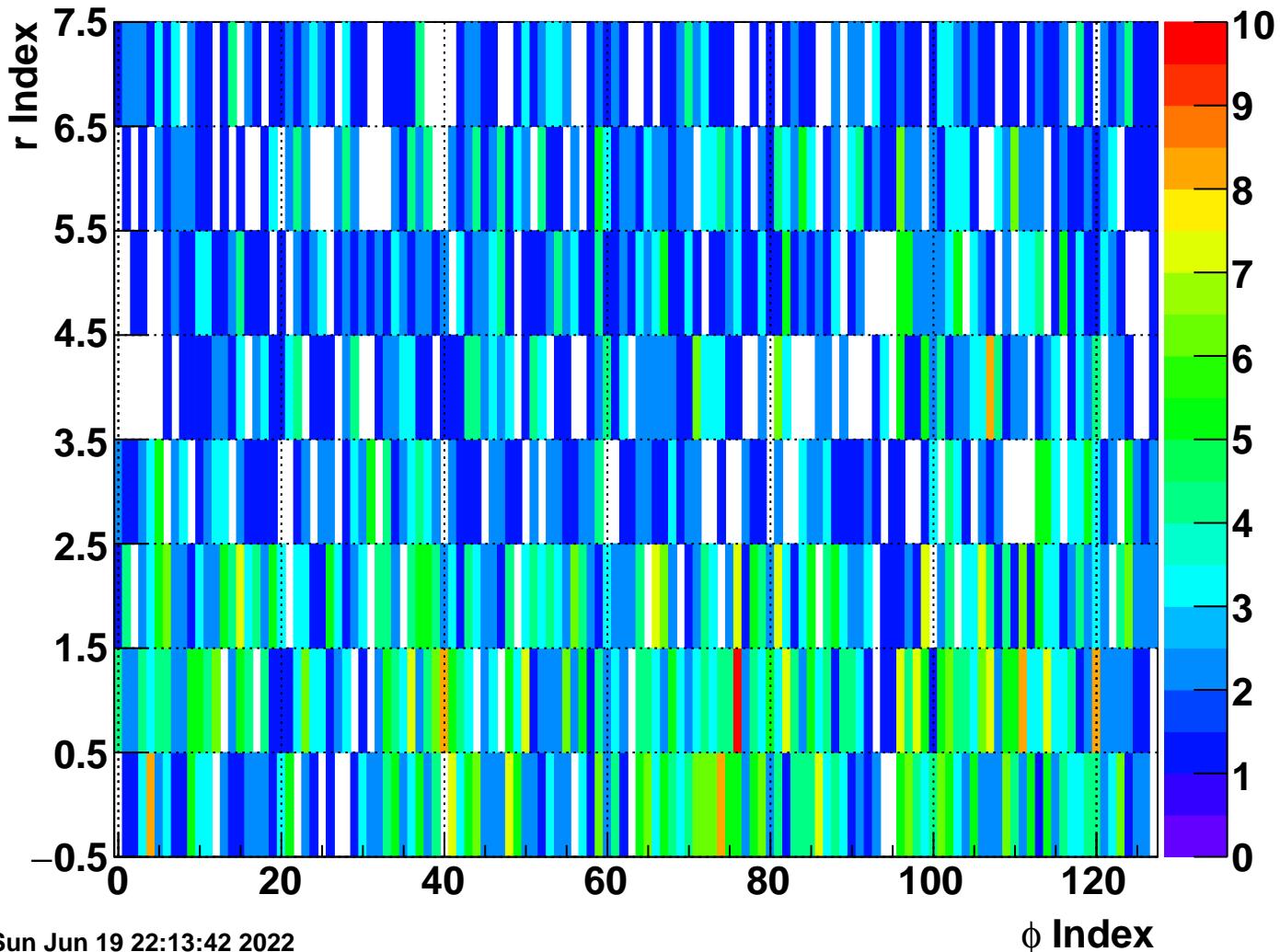
FST - Hit Map (density): Disk2 Module9



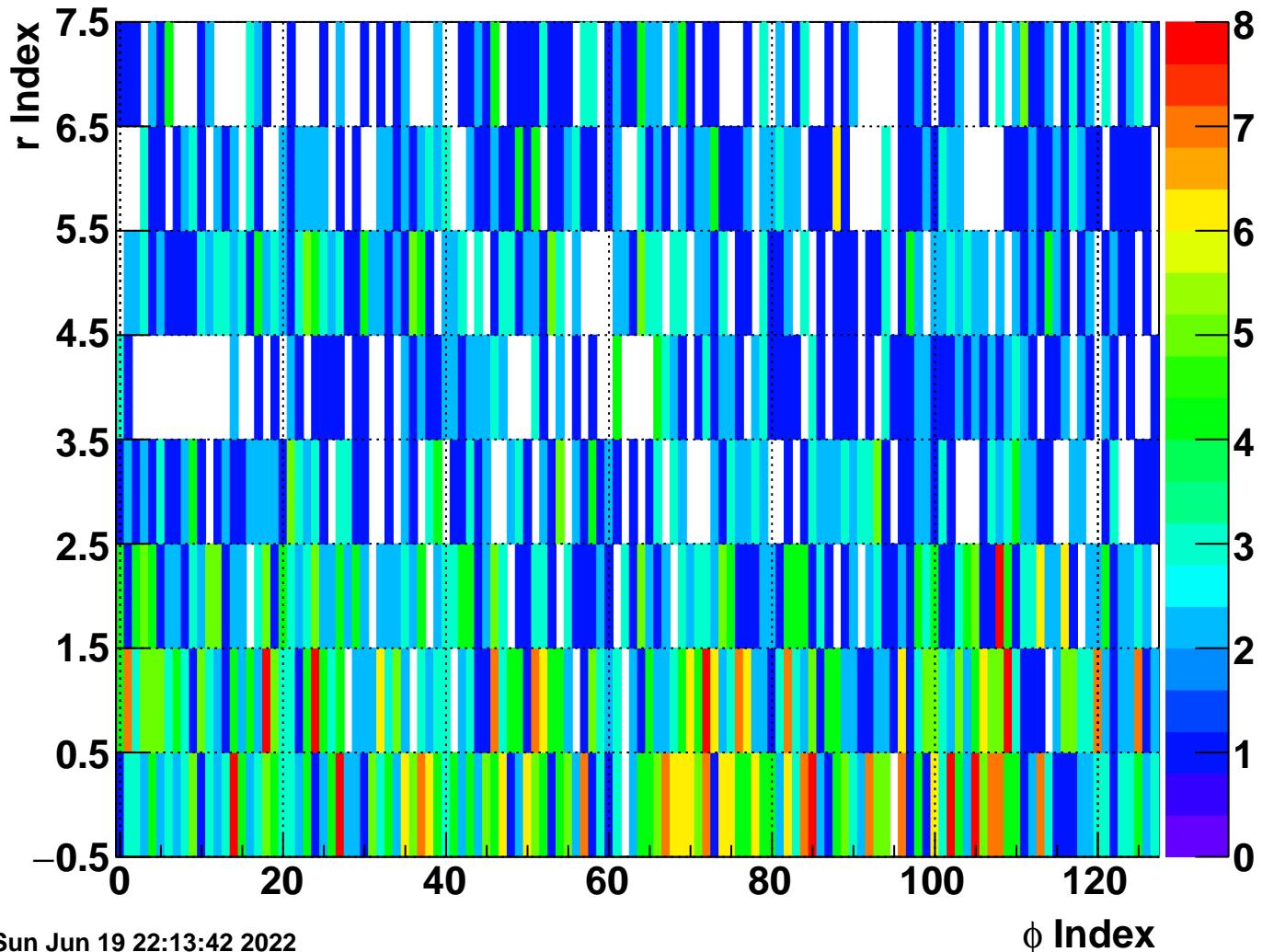
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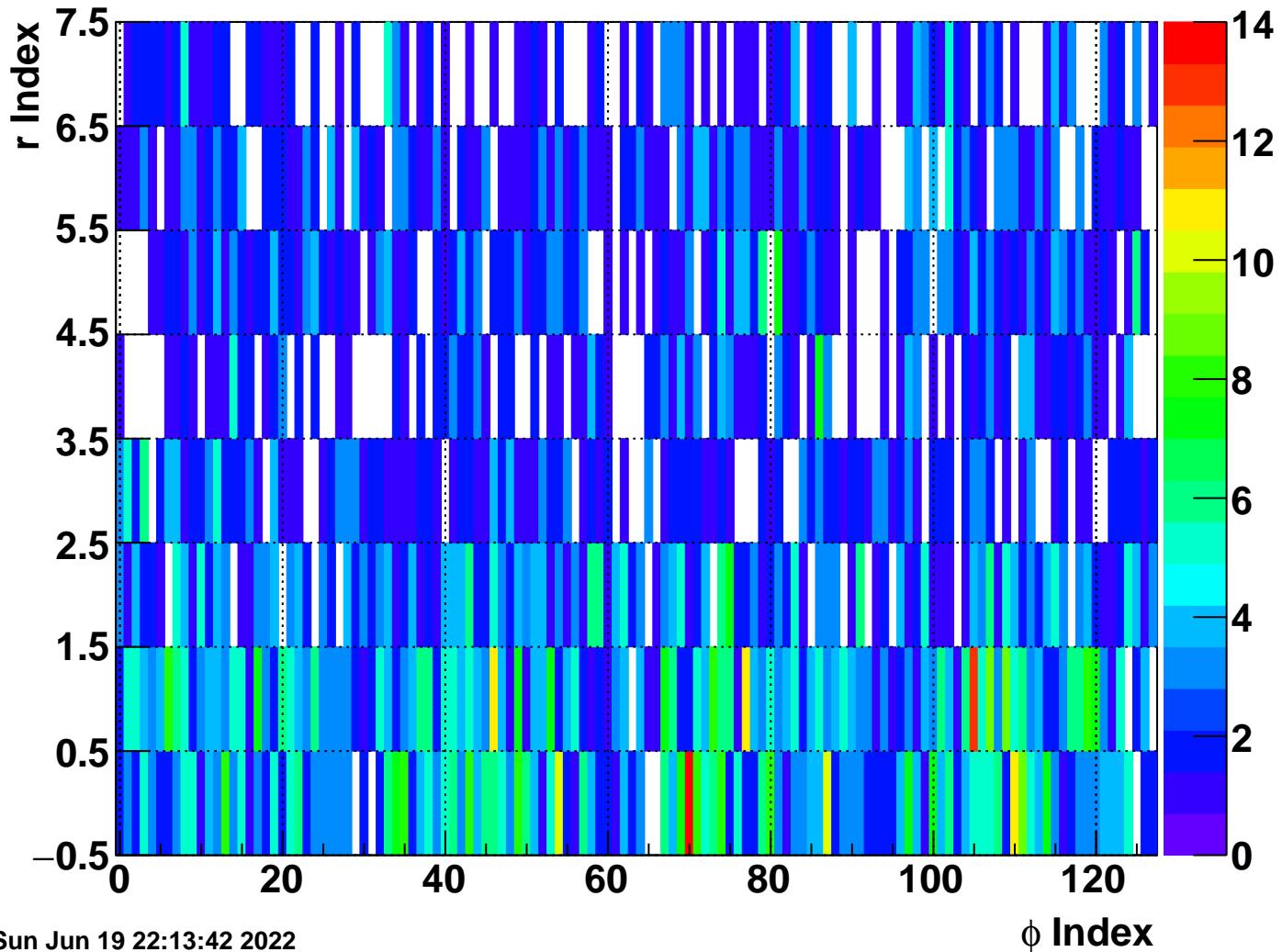
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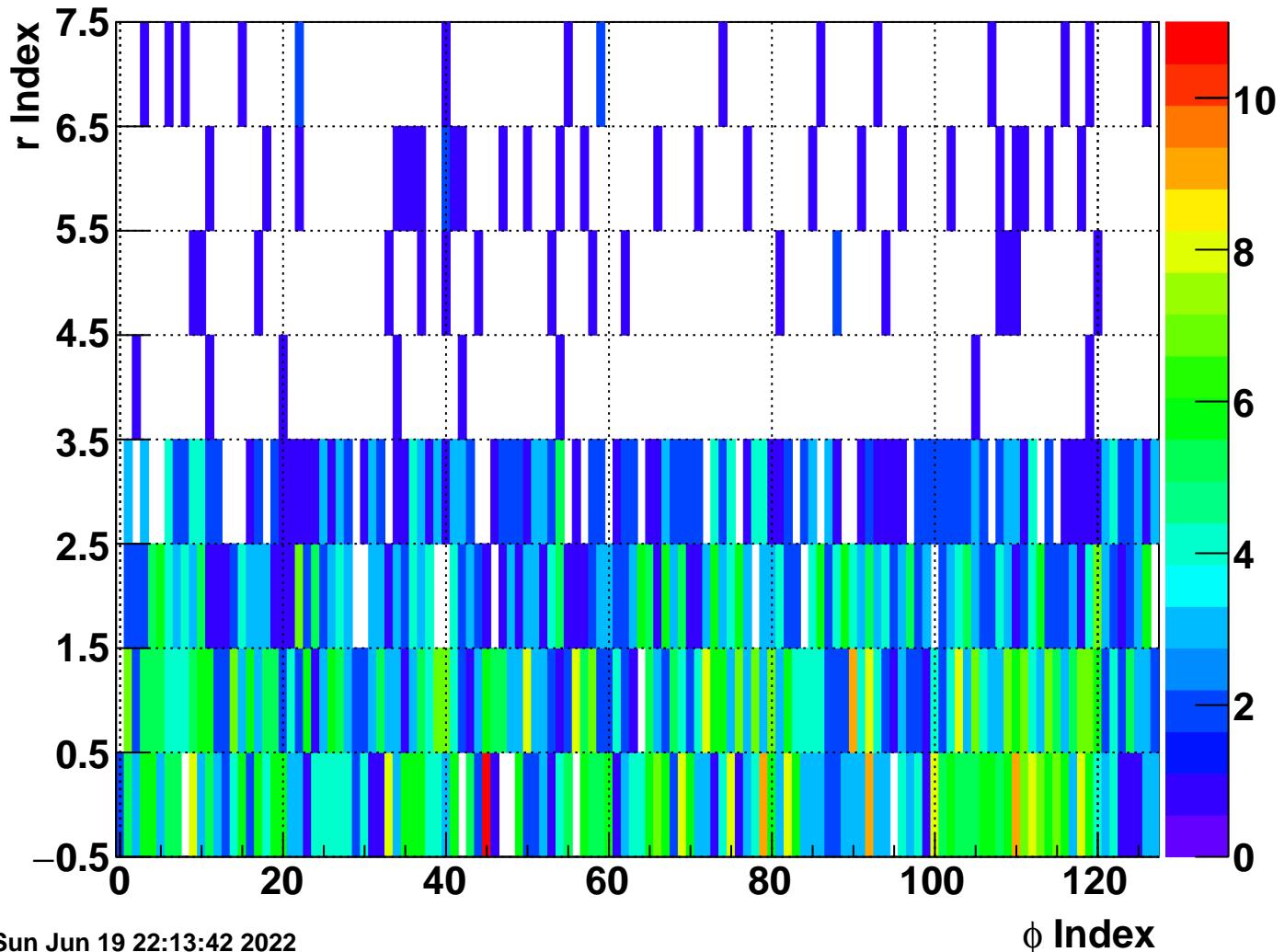
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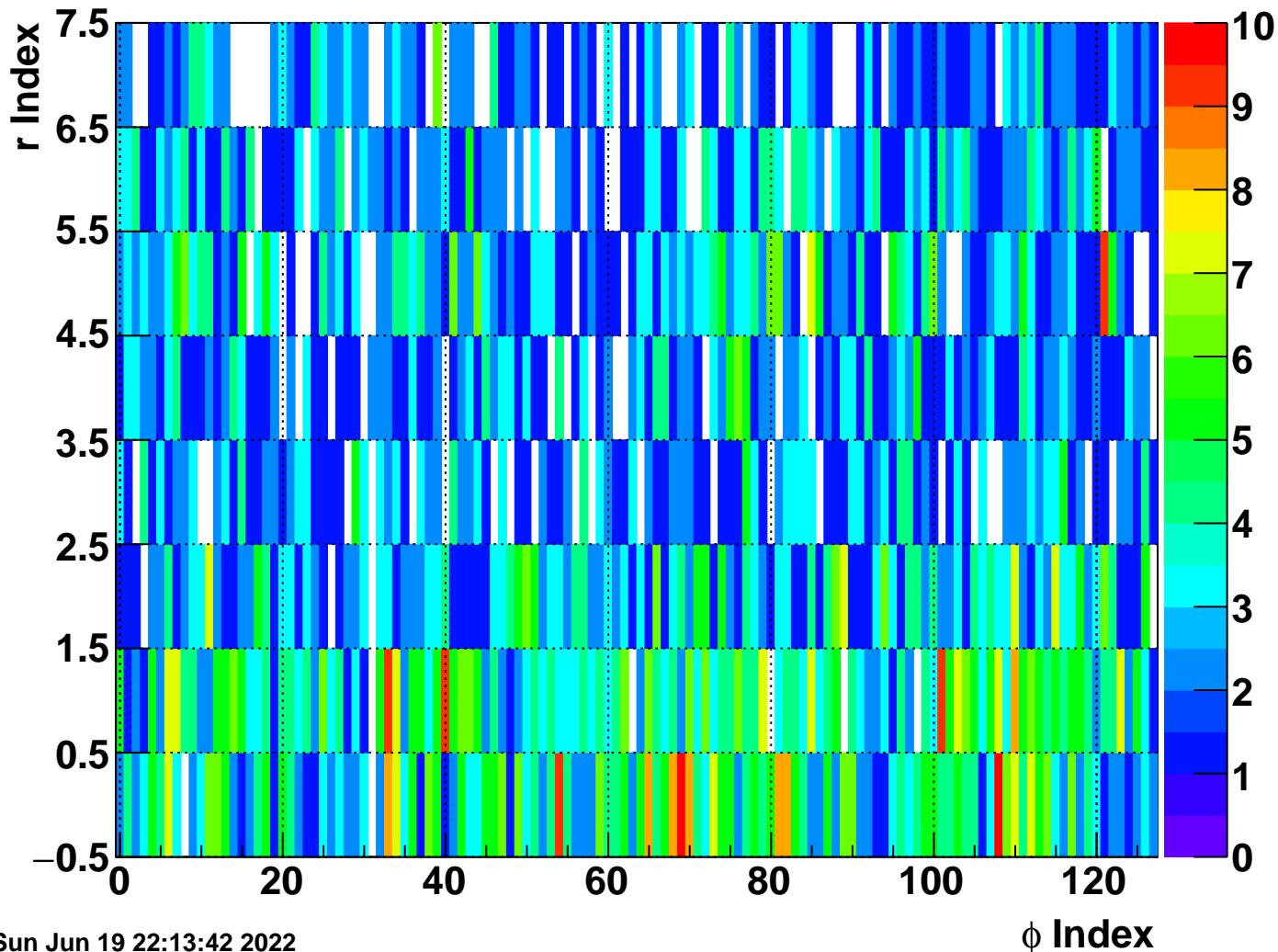
FST - Hit Map (density): Disk3 Module1



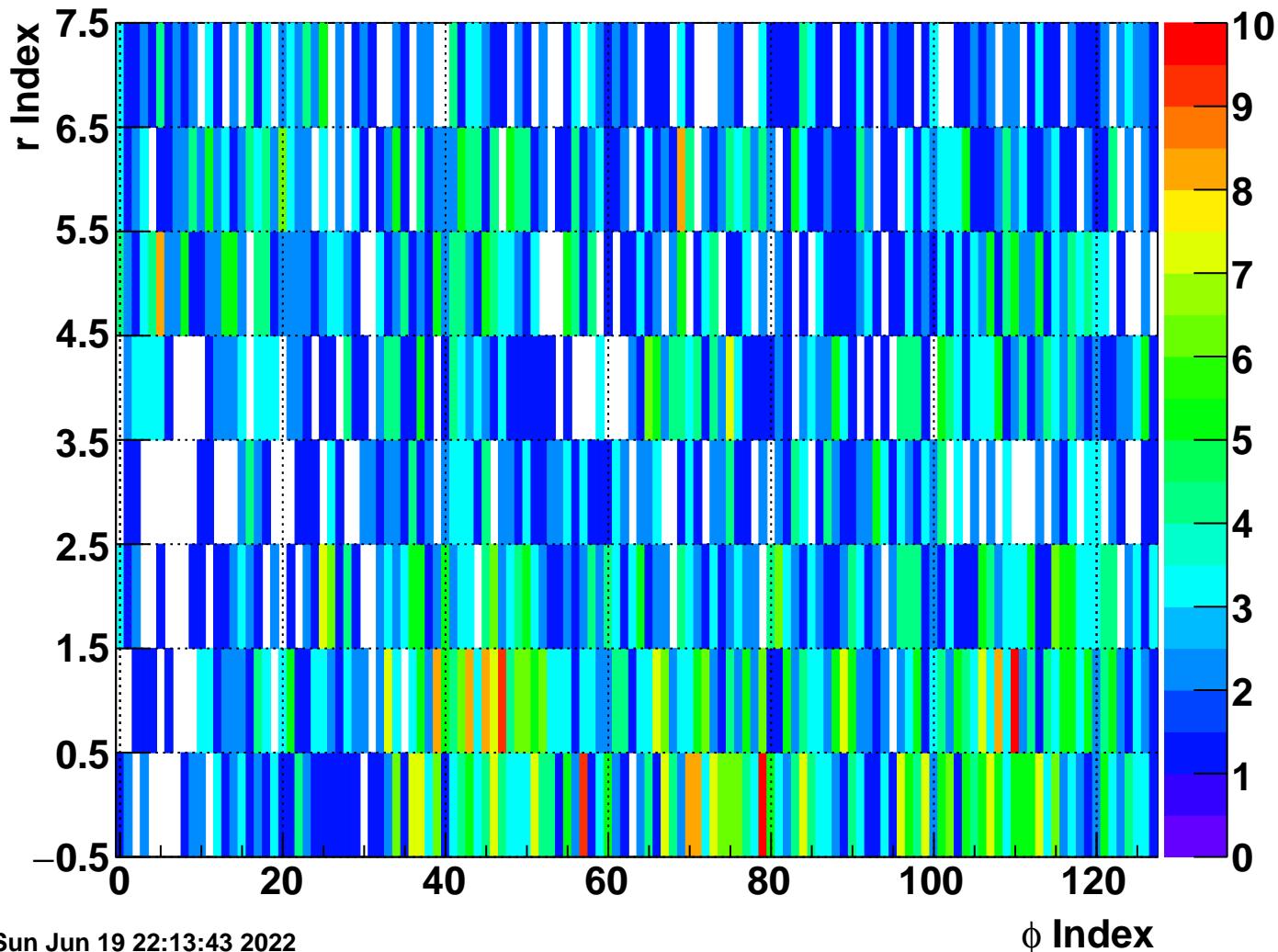
FST - Hit Map (density): Disk3 Module2



FST - Hit Map (density): Disk3 Module3

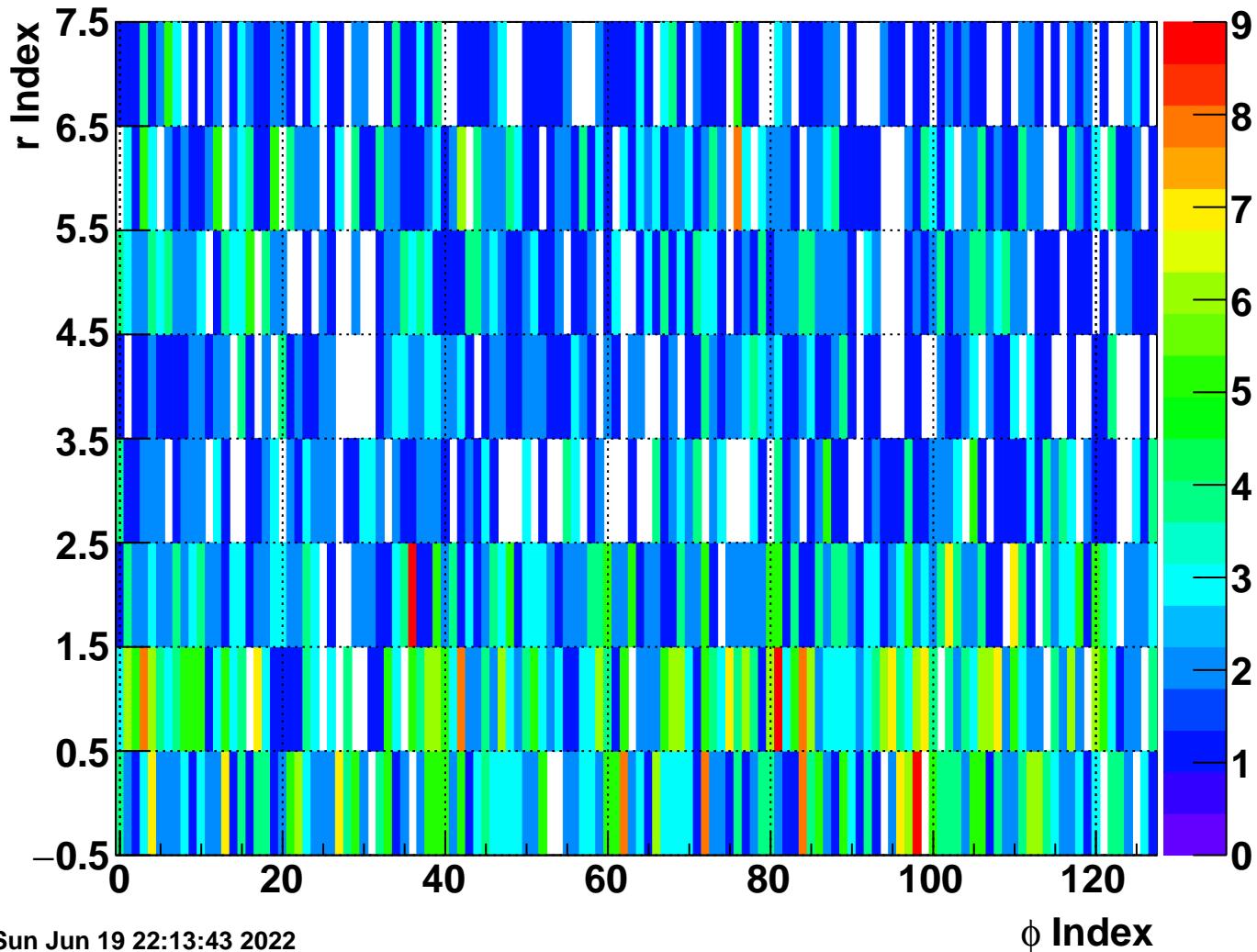


FST - Hit Map (density): Disk3 Module4

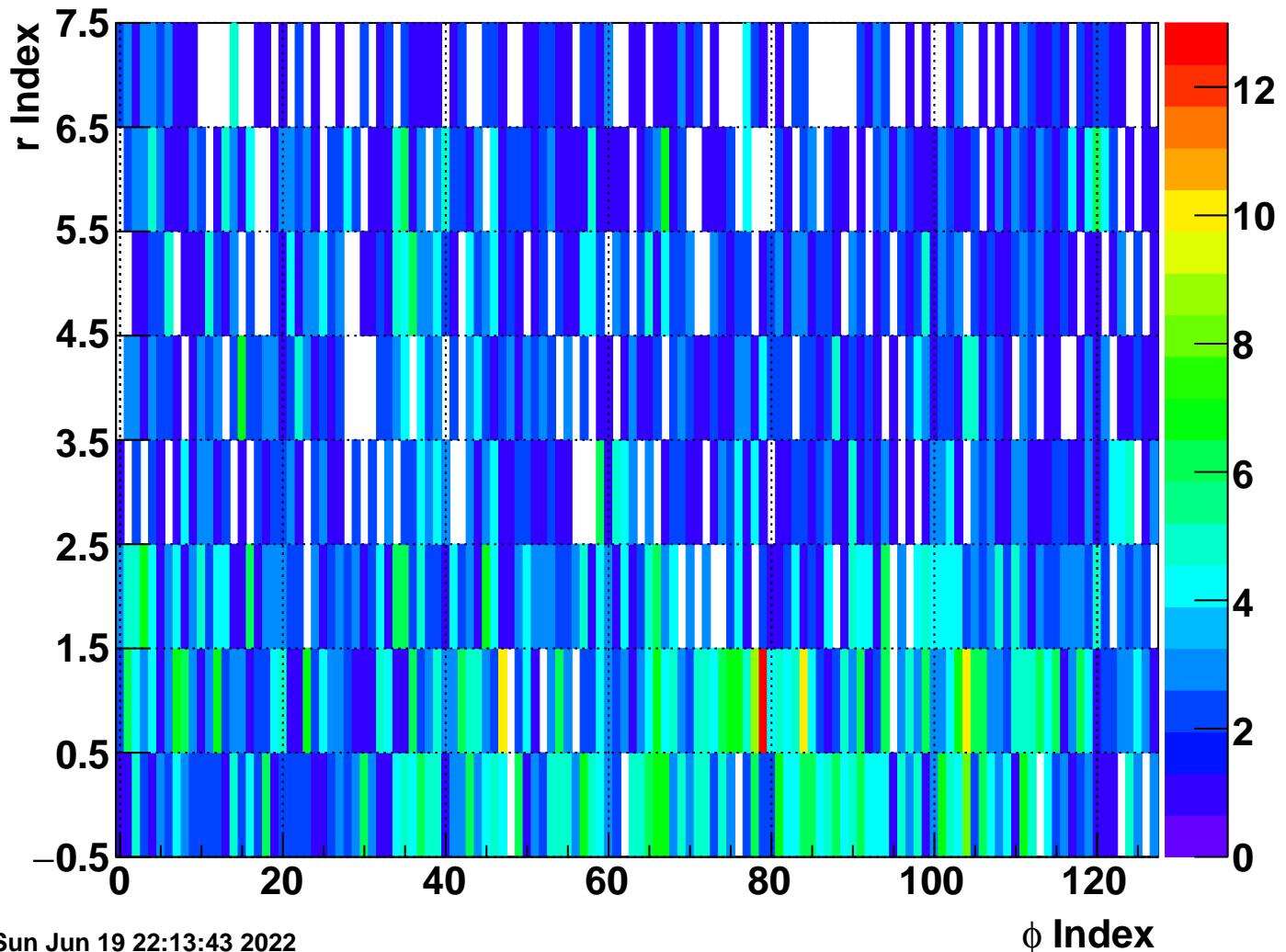


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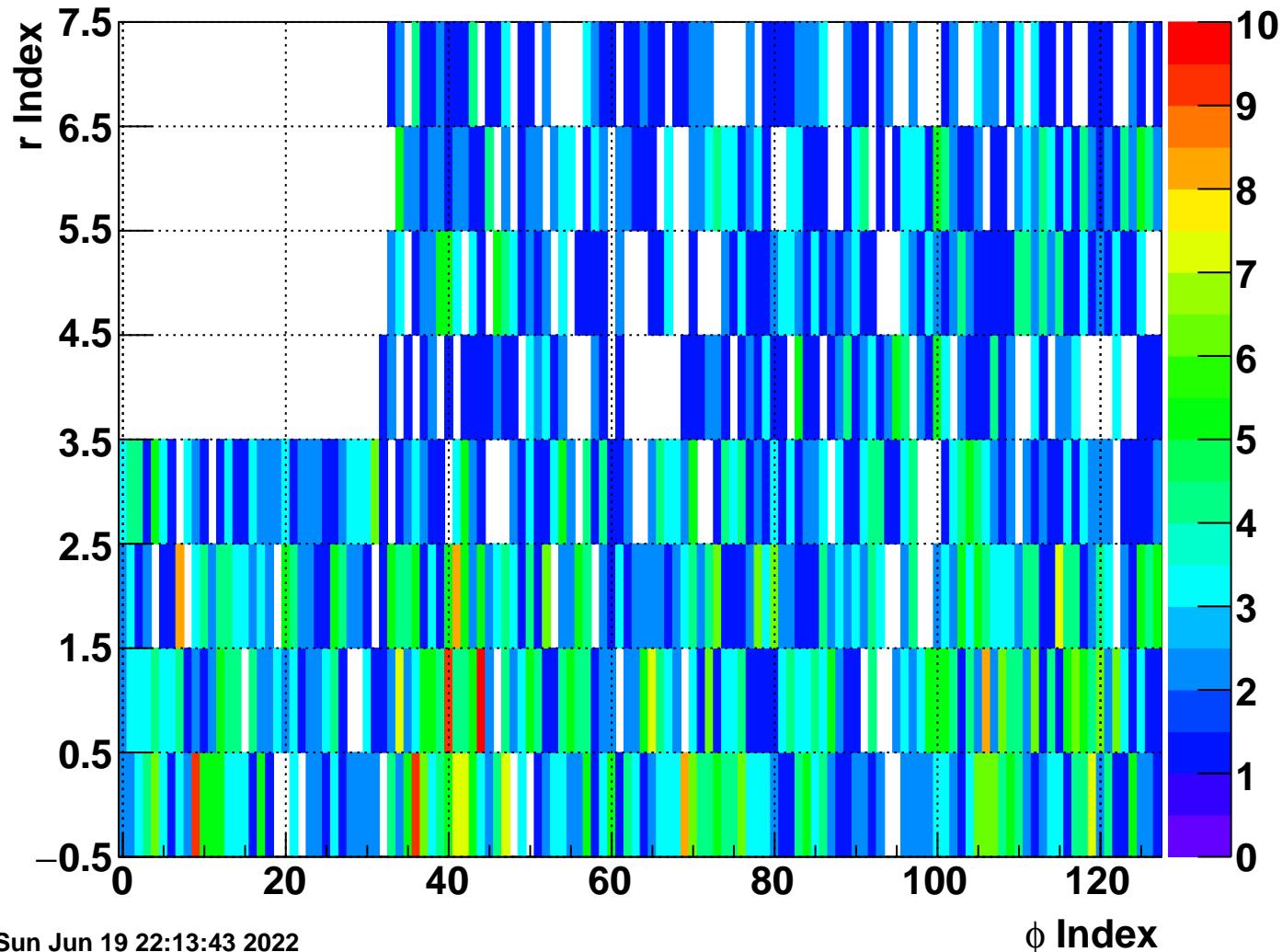
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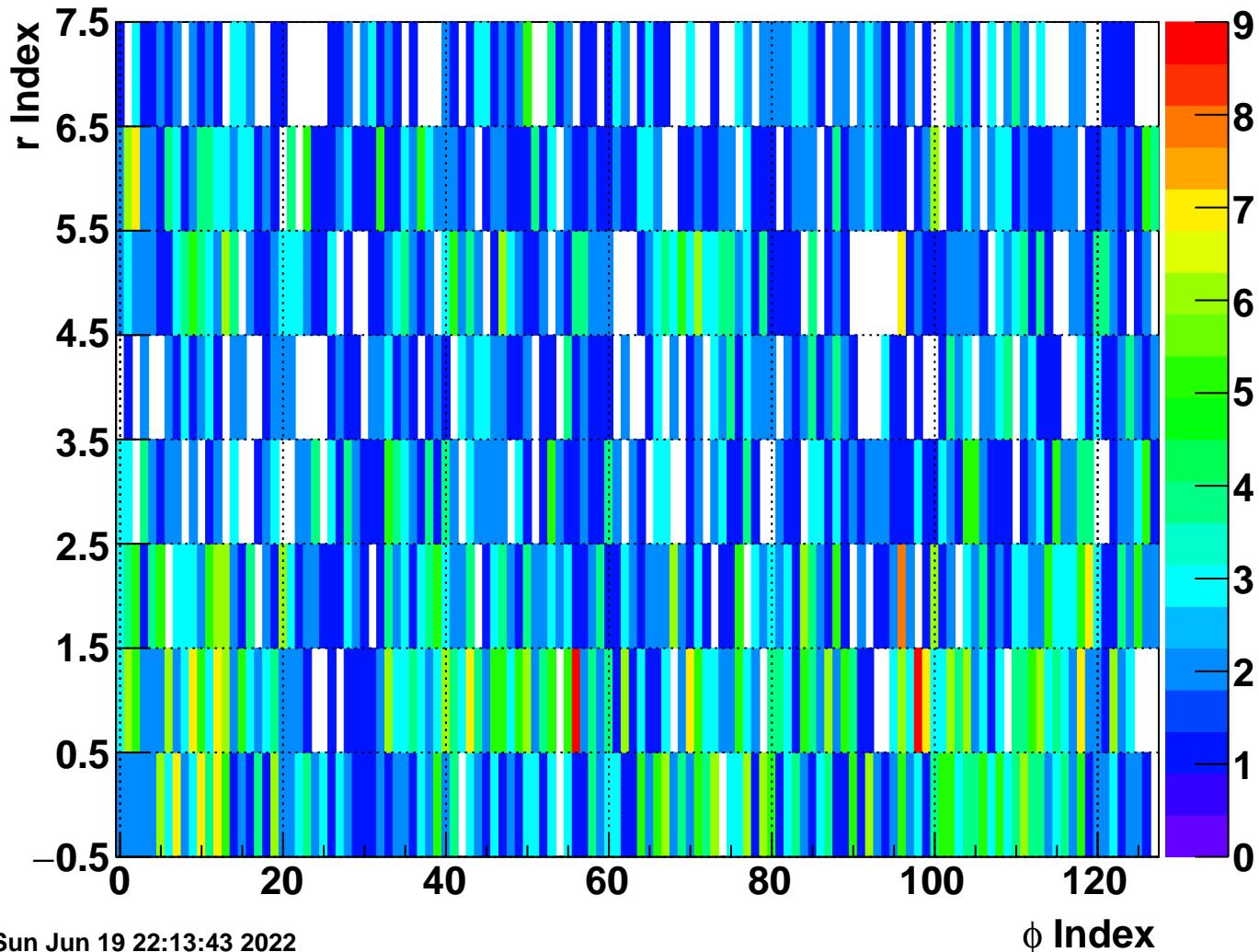
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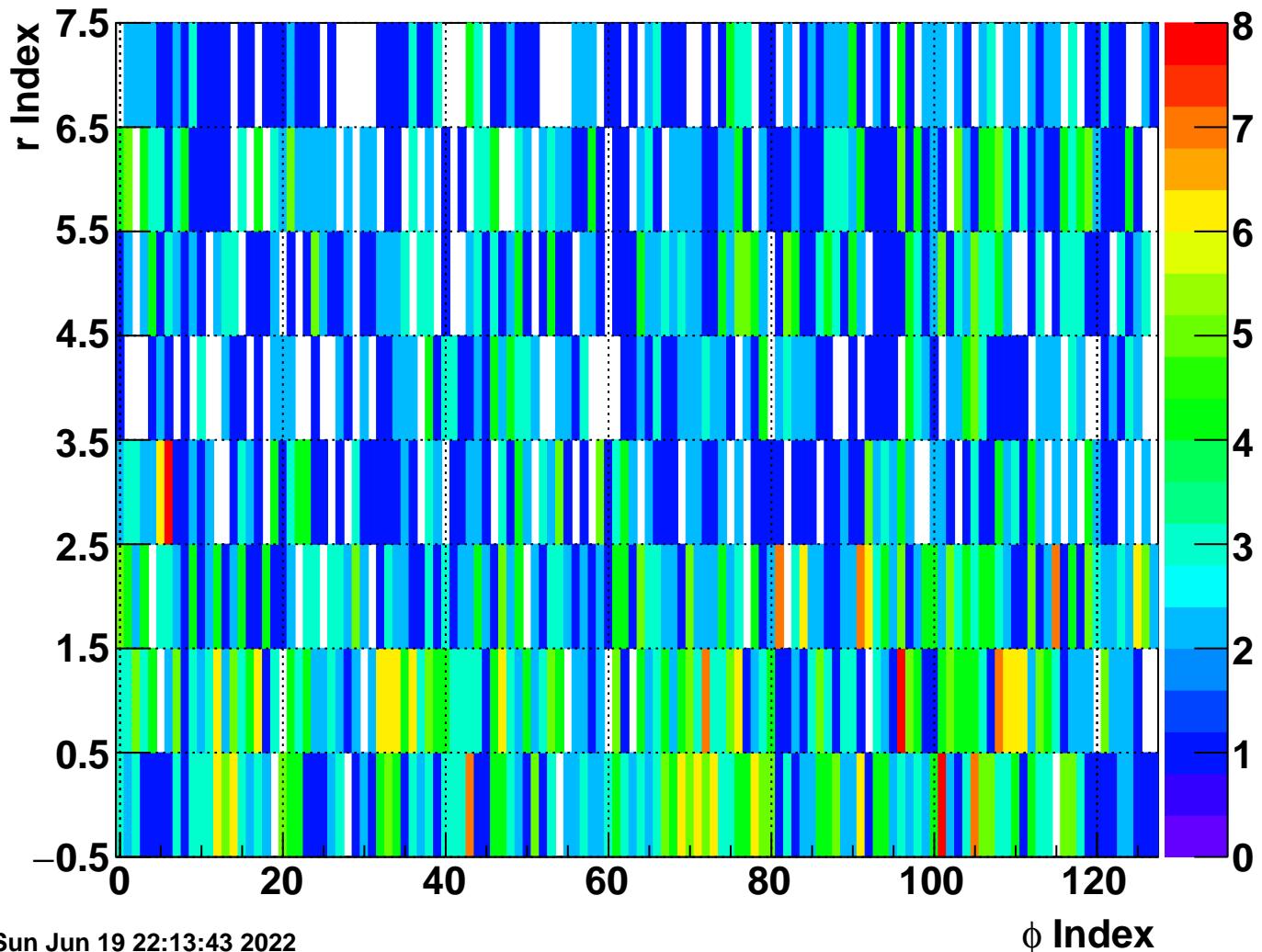
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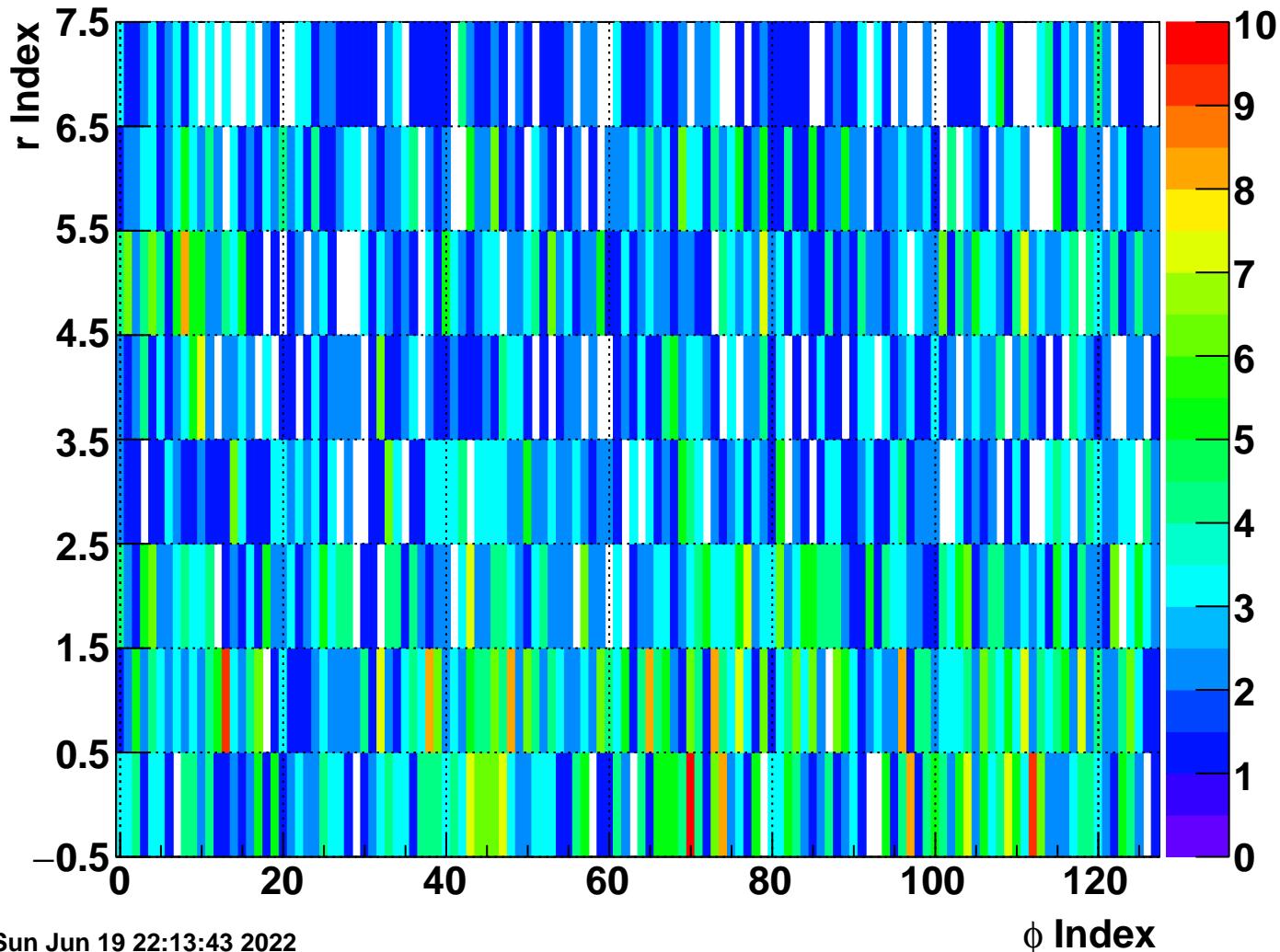
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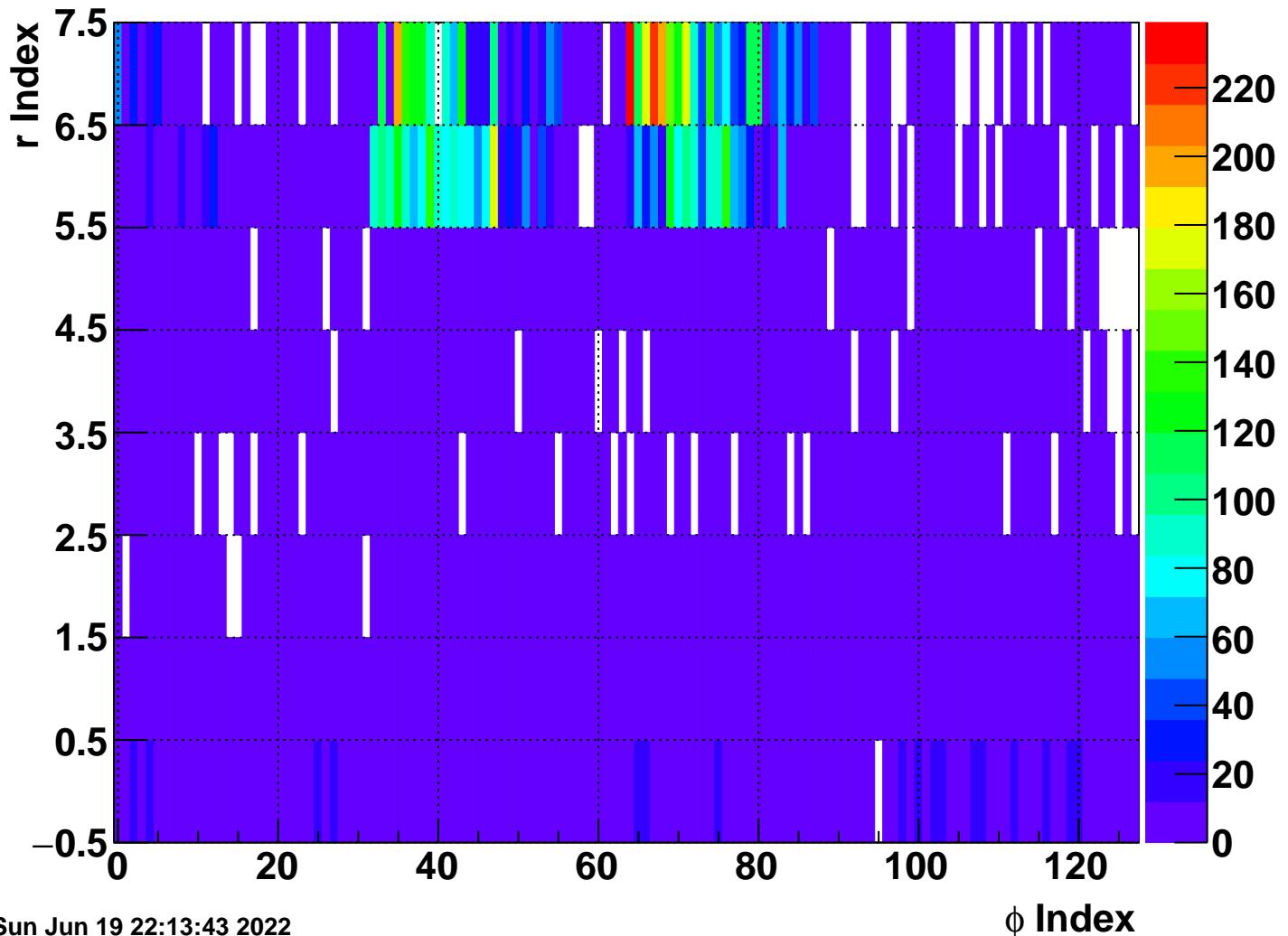
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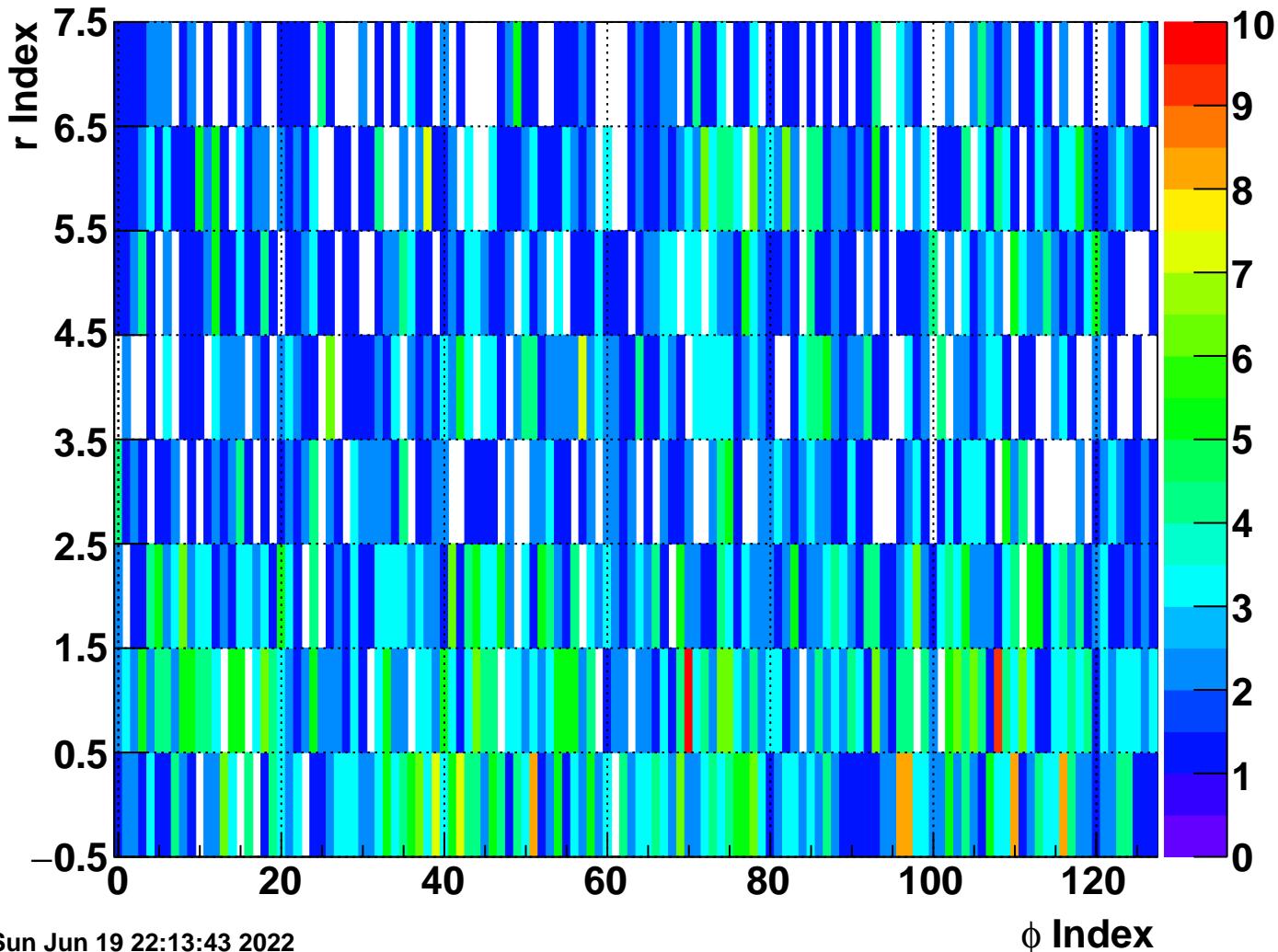
FST - Hit Map (density): Disk3 Module10



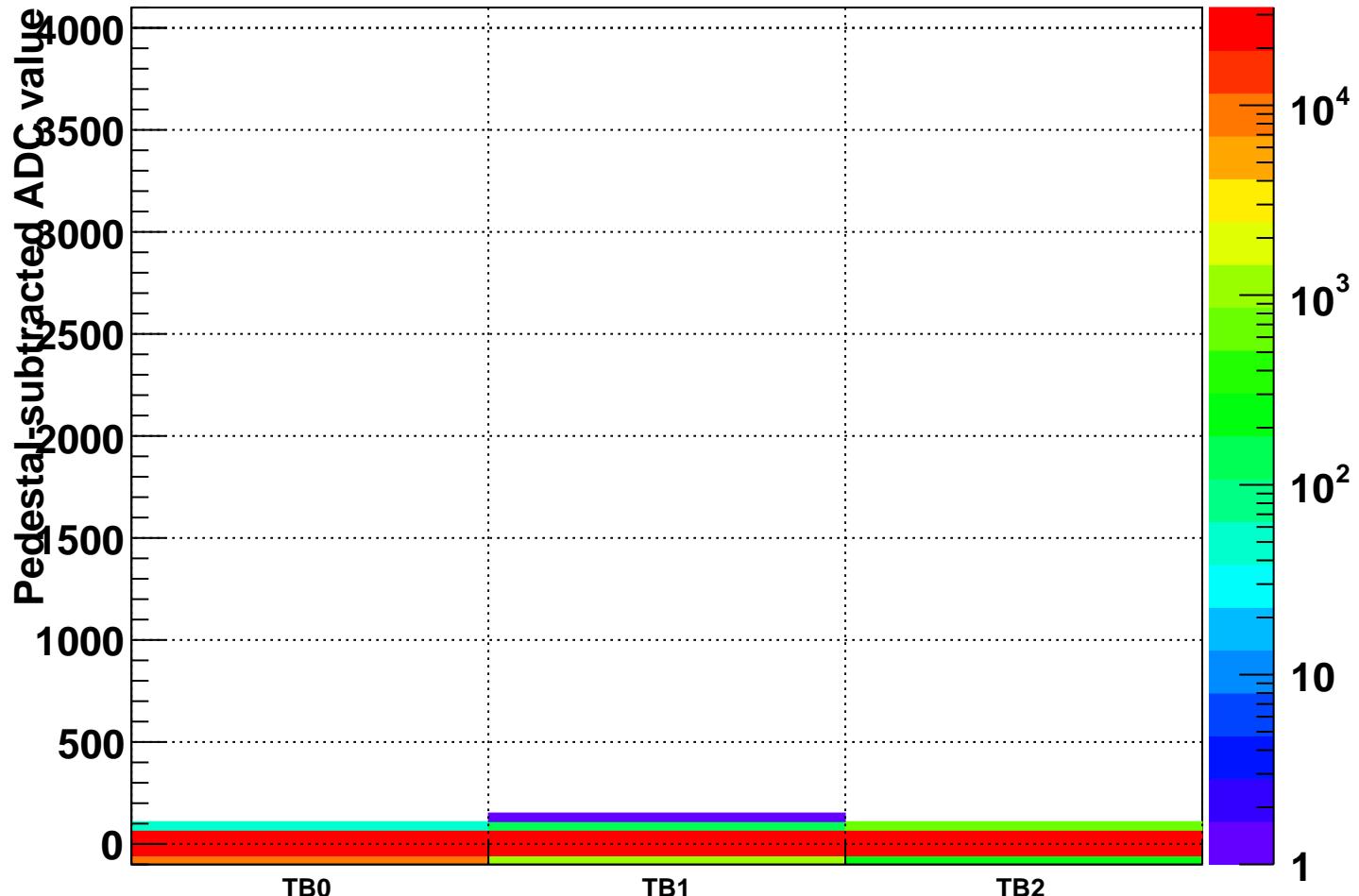
FST - Hit Map (density): Disk3 Module11



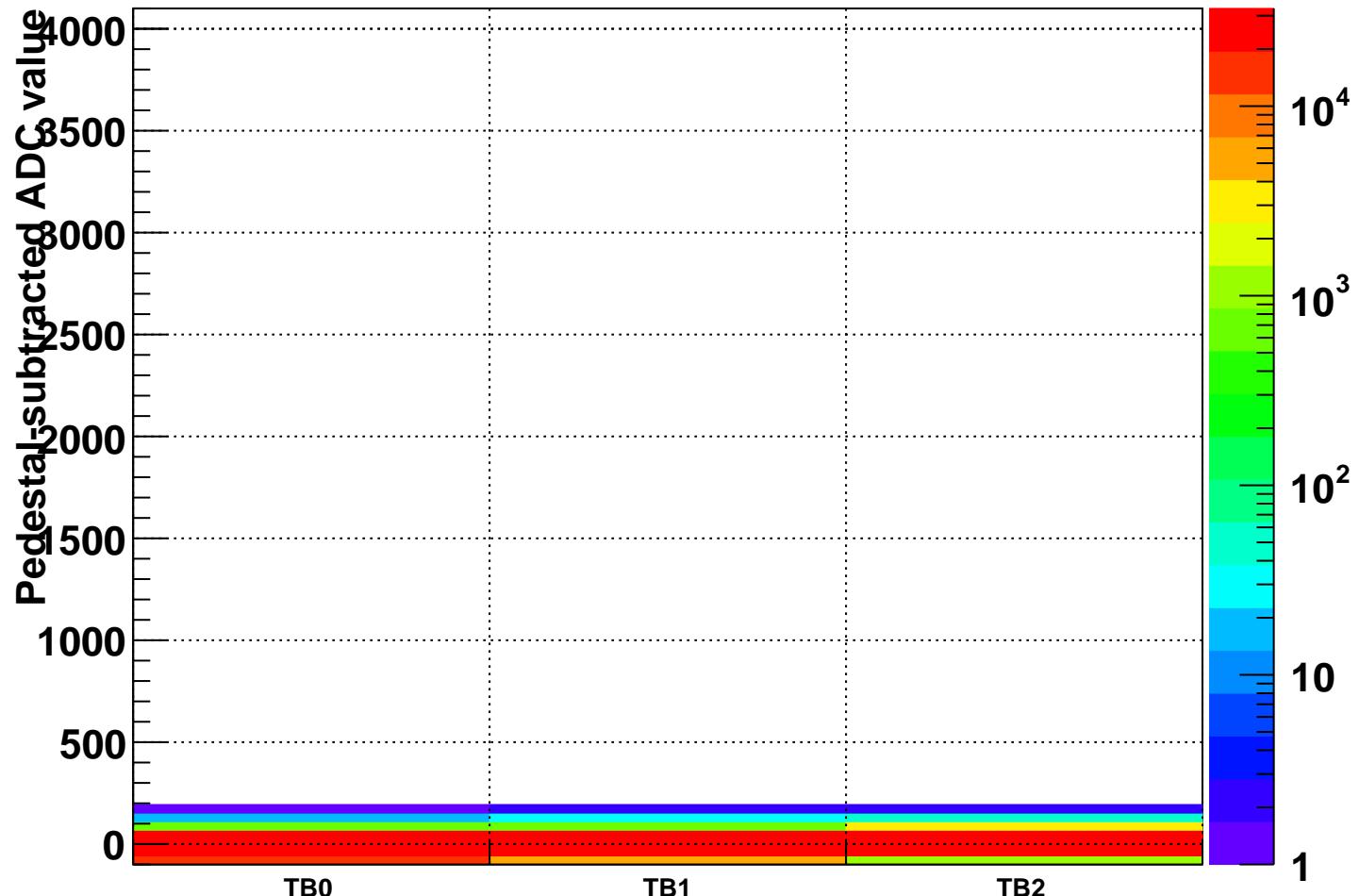
FST - Hit Map (density): Disk3 Module12



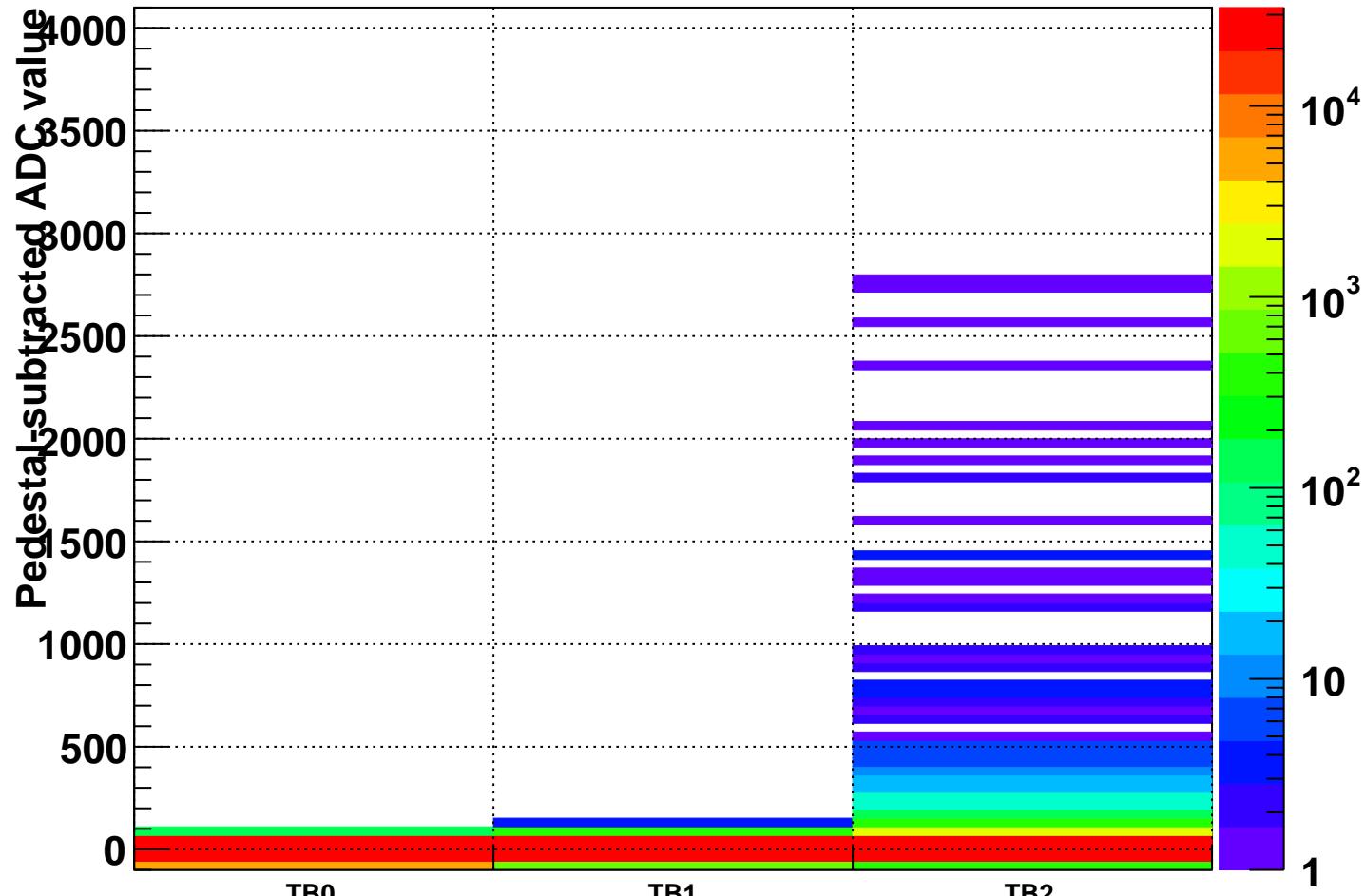
FST - ADC vs Timebin (non-ZS), Disk1 Module1: RDO1_ARM0_PORT0_SEC0



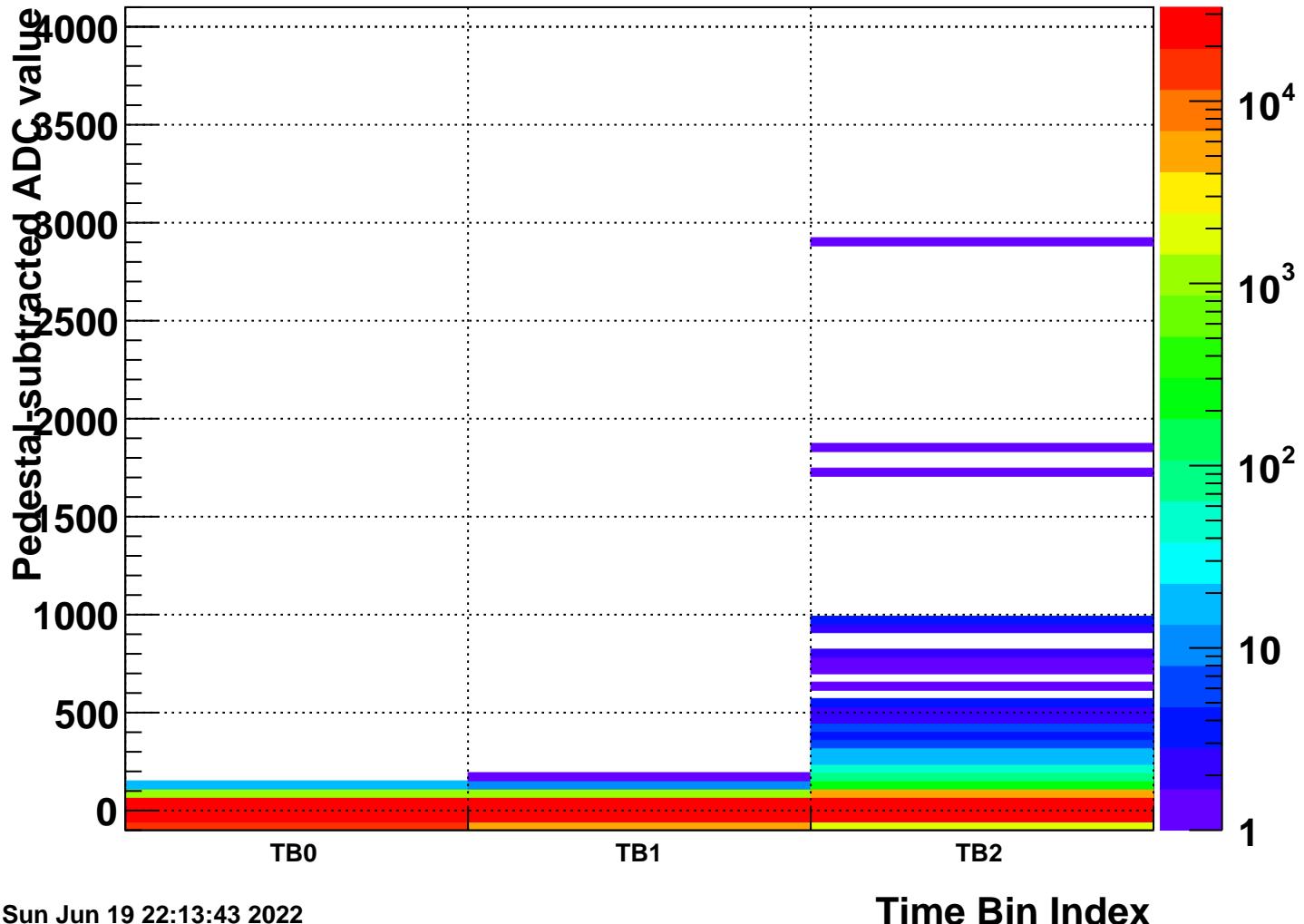
FST - ADC vs Timebin (non-ZS), Disk1 Module1: RDO1_ARM0_PORT0_SEC1



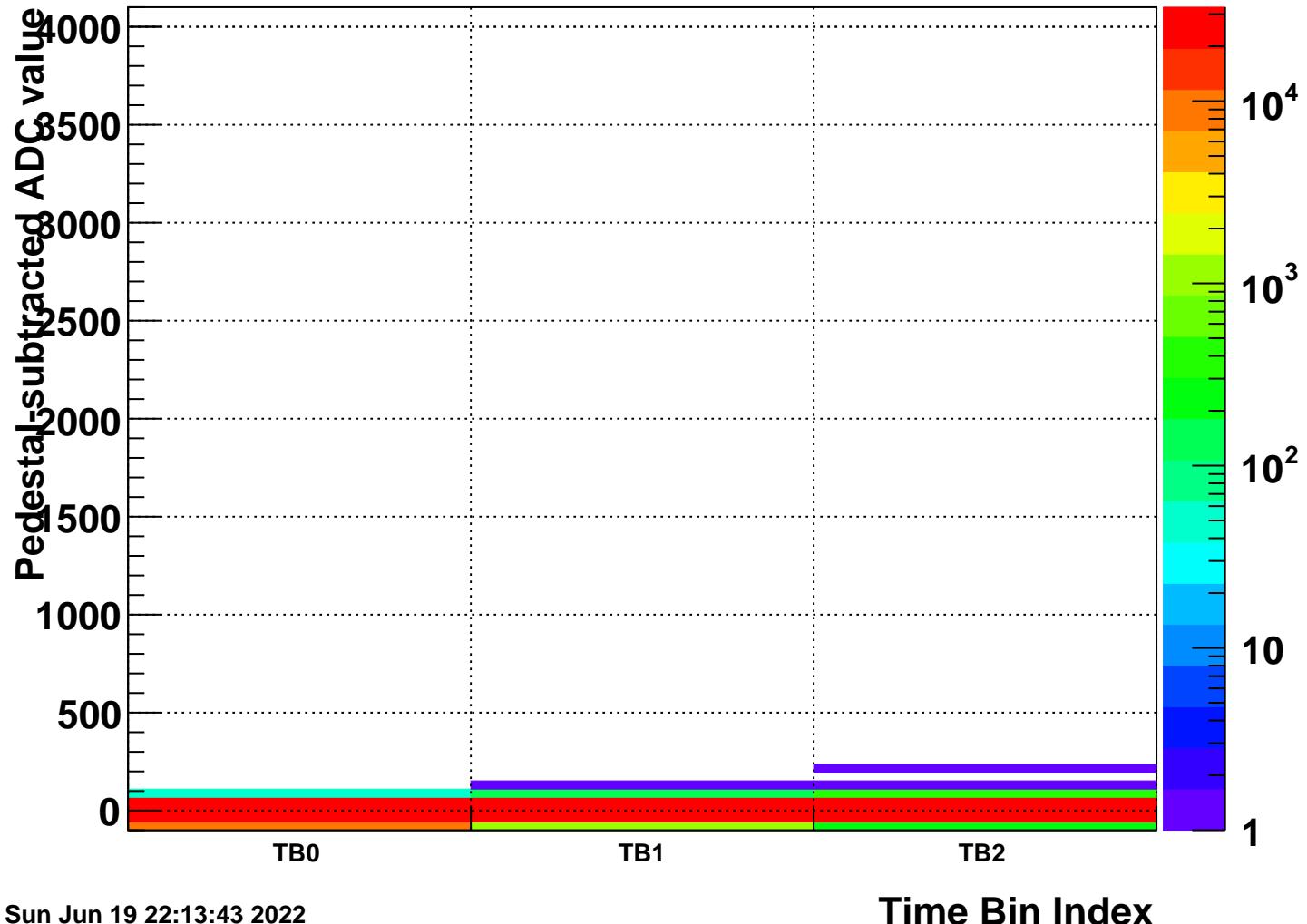
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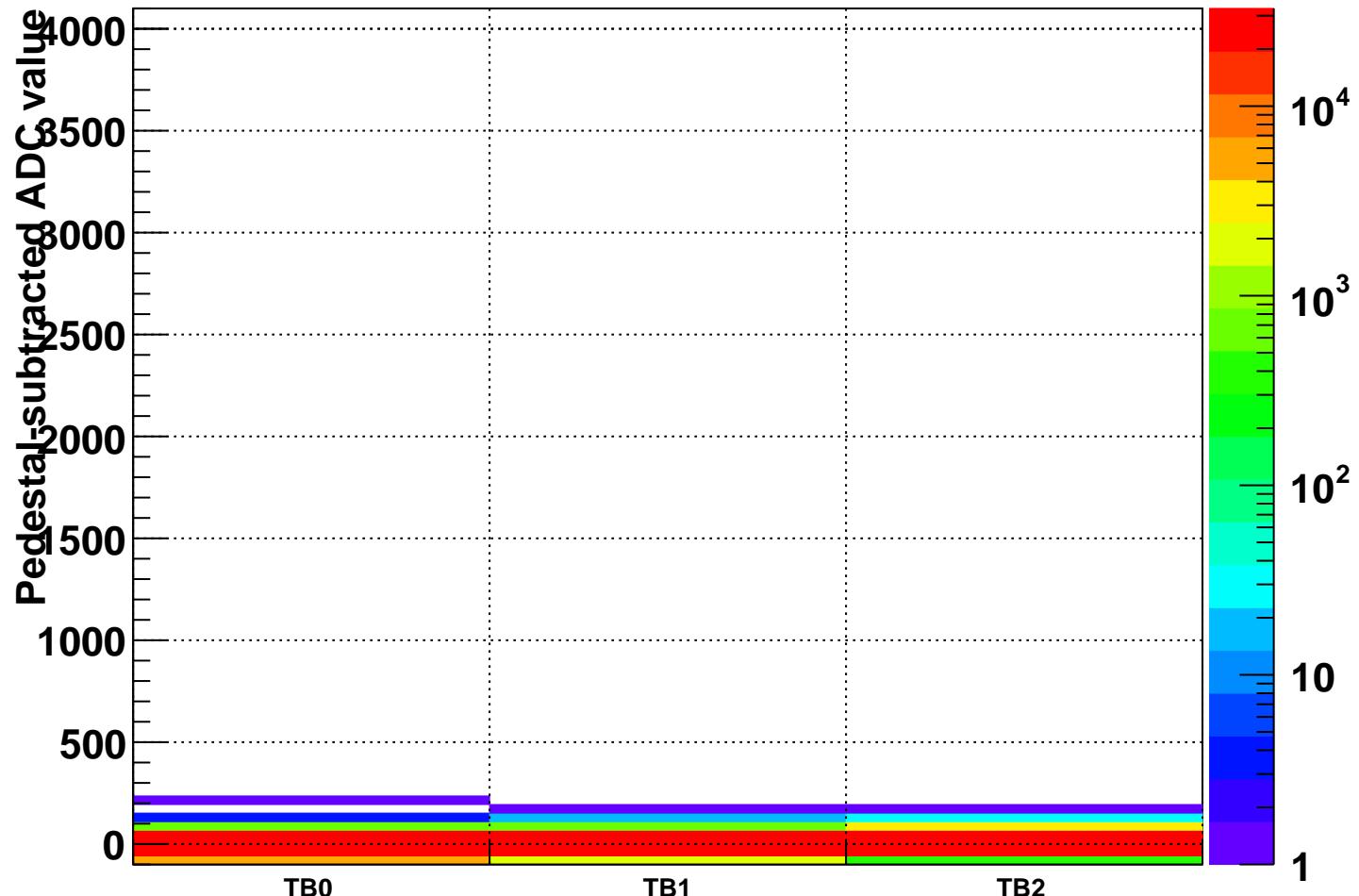
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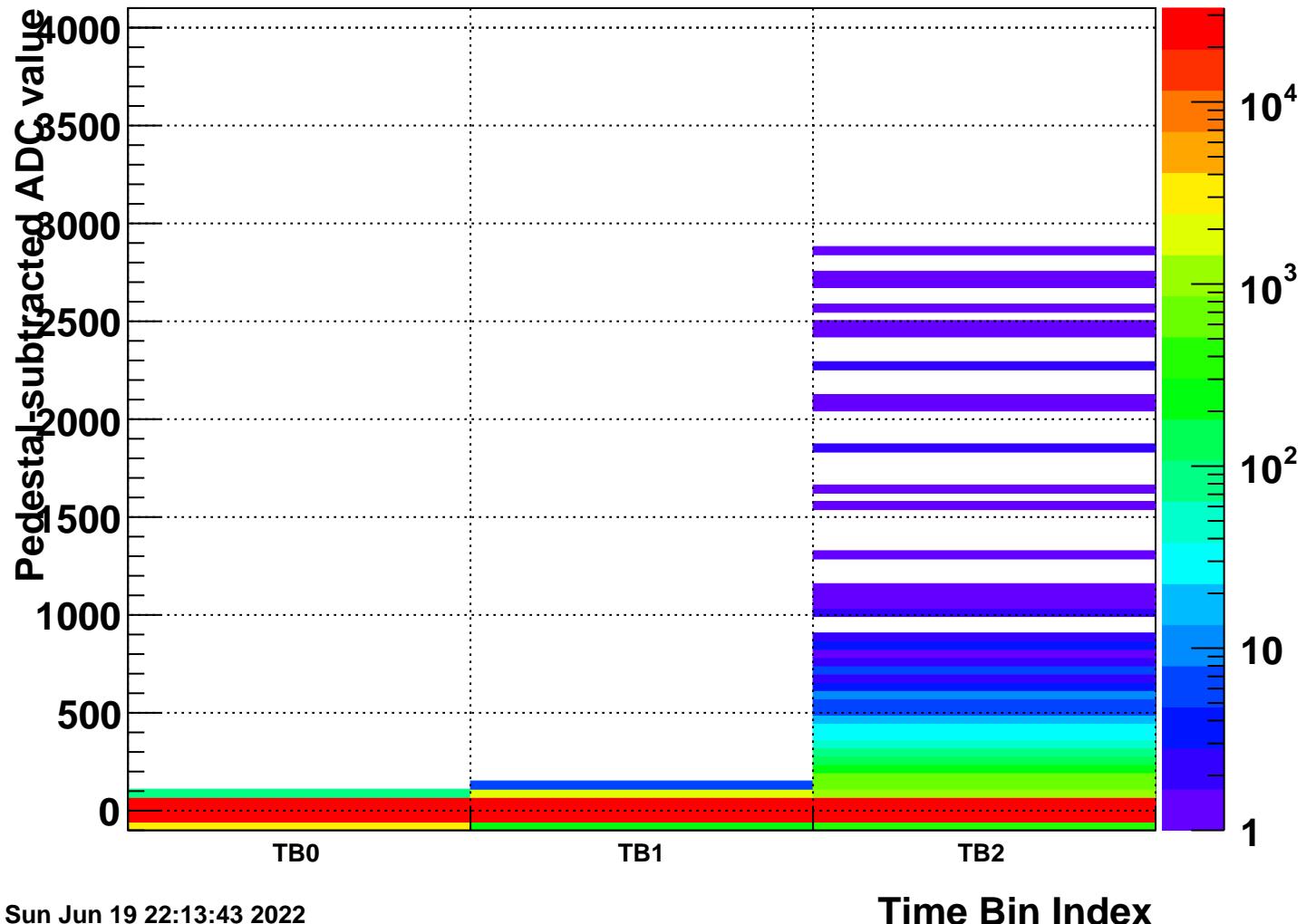
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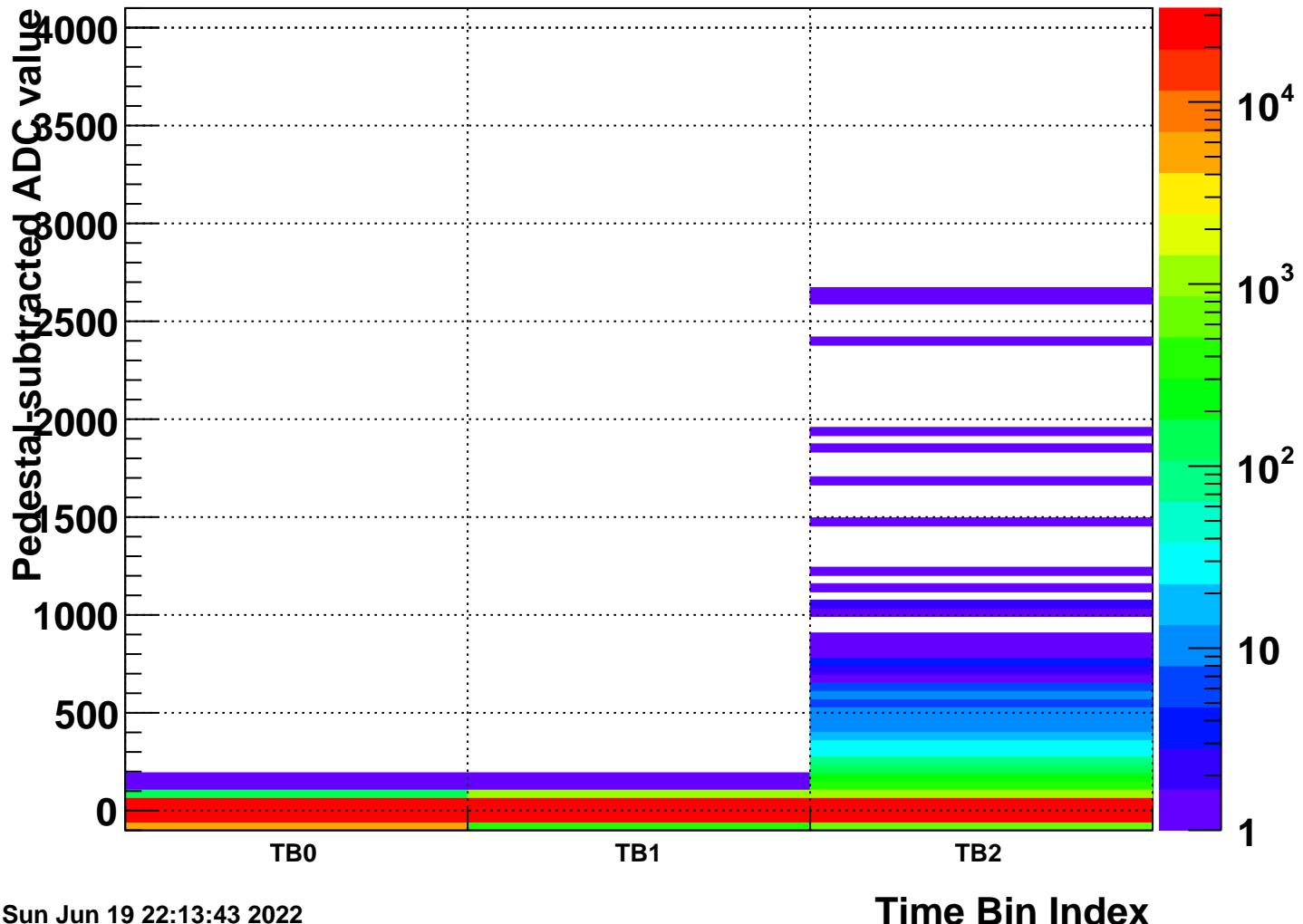
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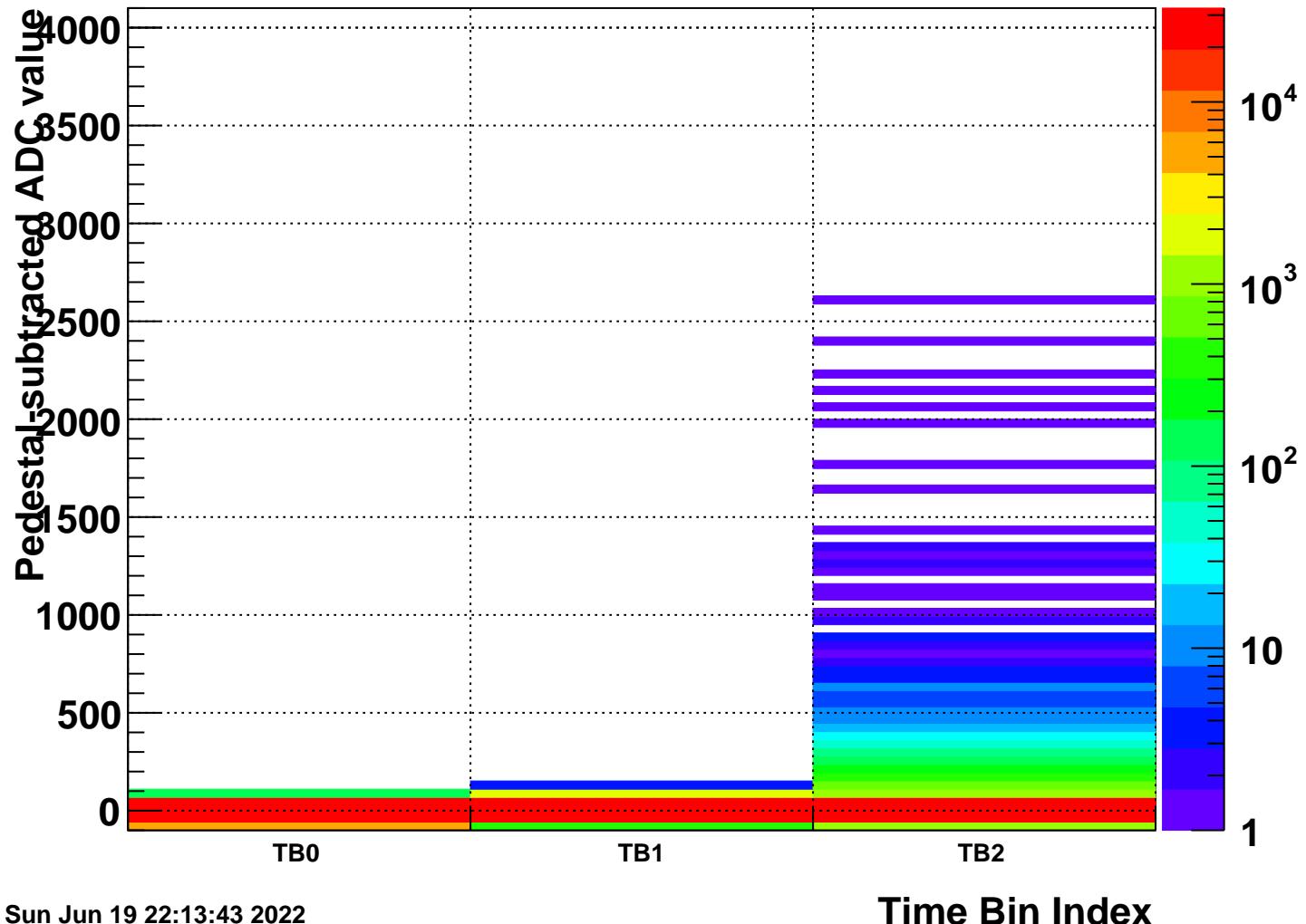
FST - ADC vs Timebin (non-ZS), Disk1 Module4: RDO1_ARM1_PORT1_SEC0



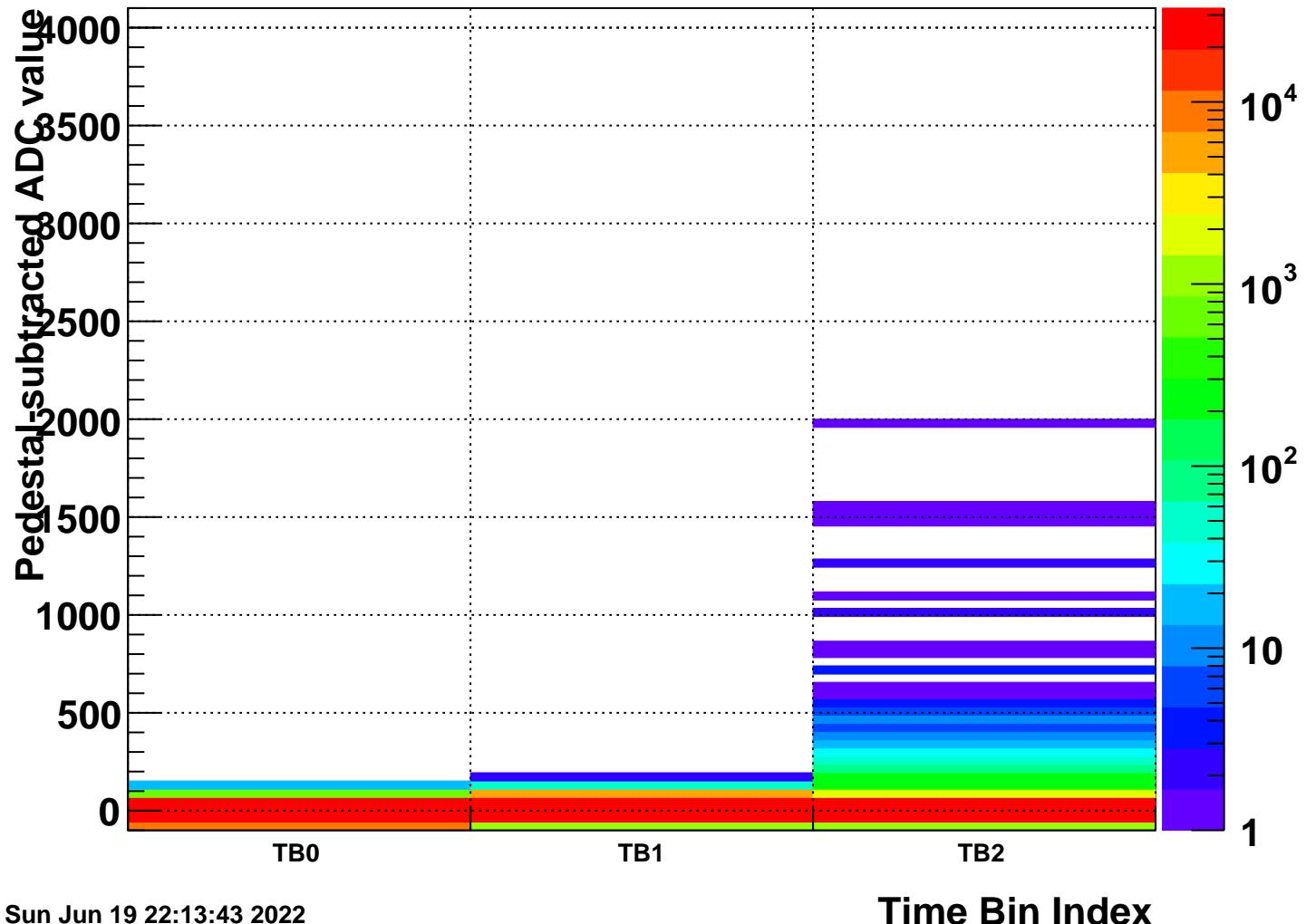
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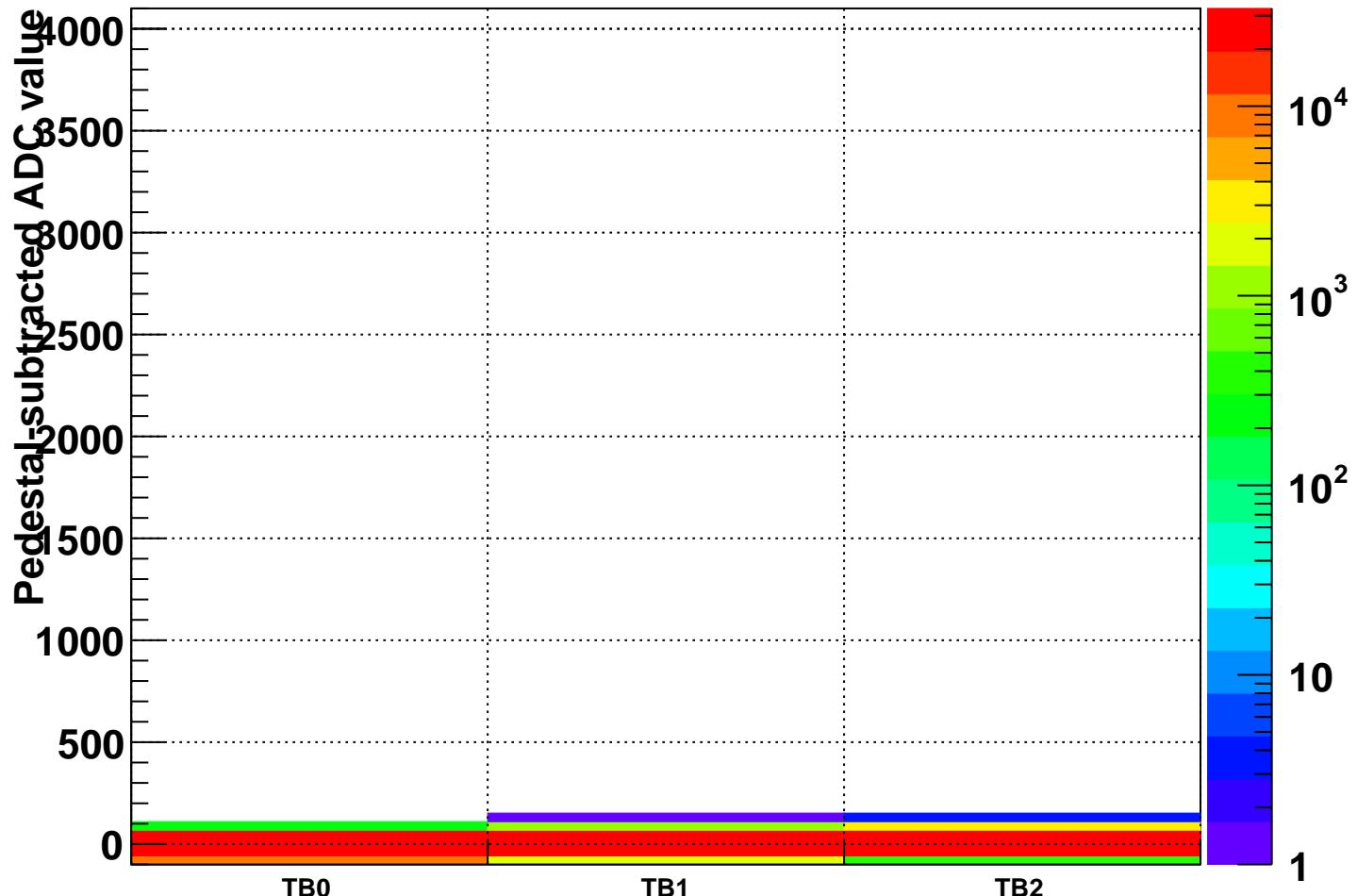
FST - ADC vs Timebin (non-ZS), Disk1 Module5: RDO1_ARM2_PORT0_SEC0



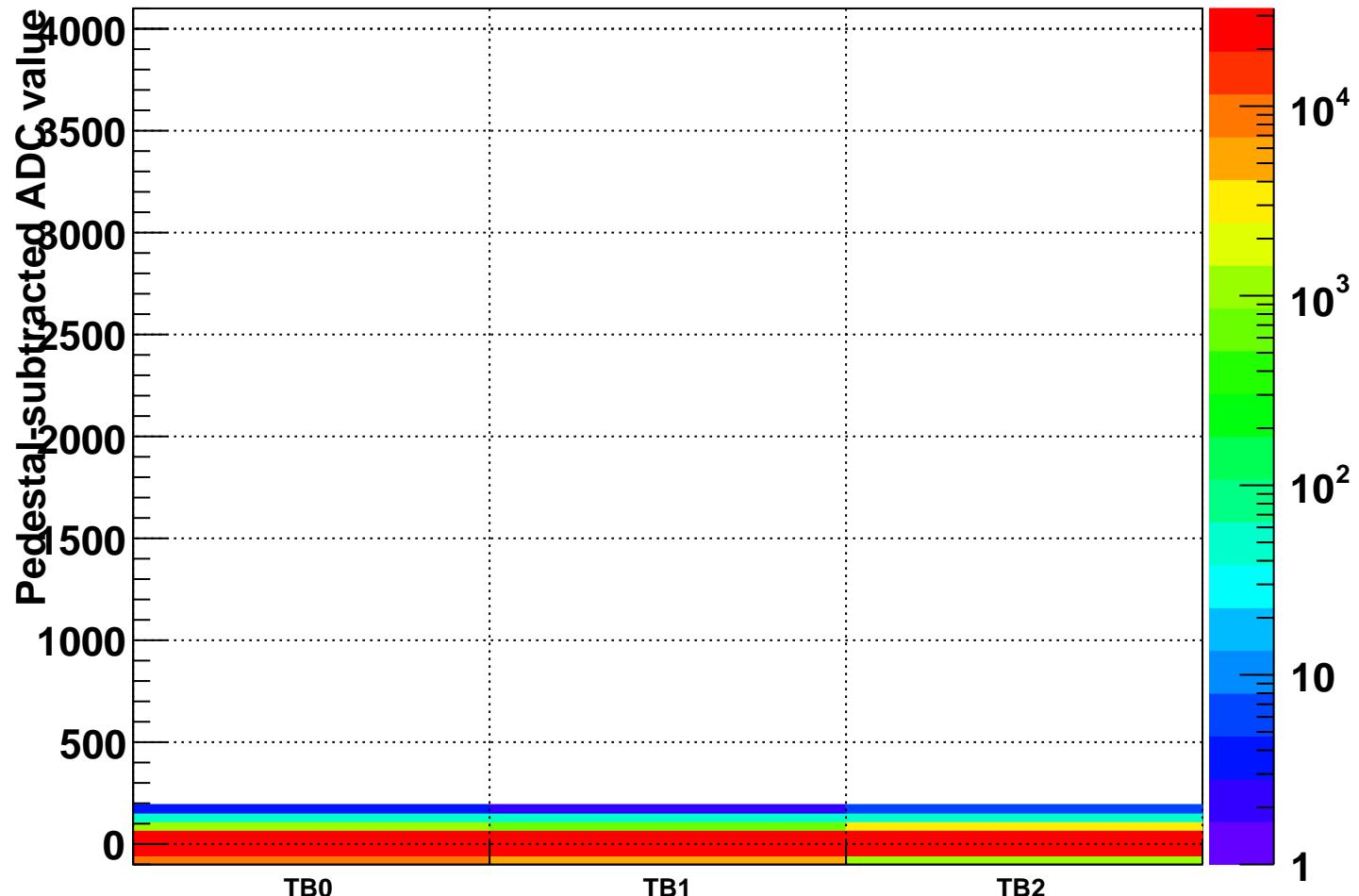
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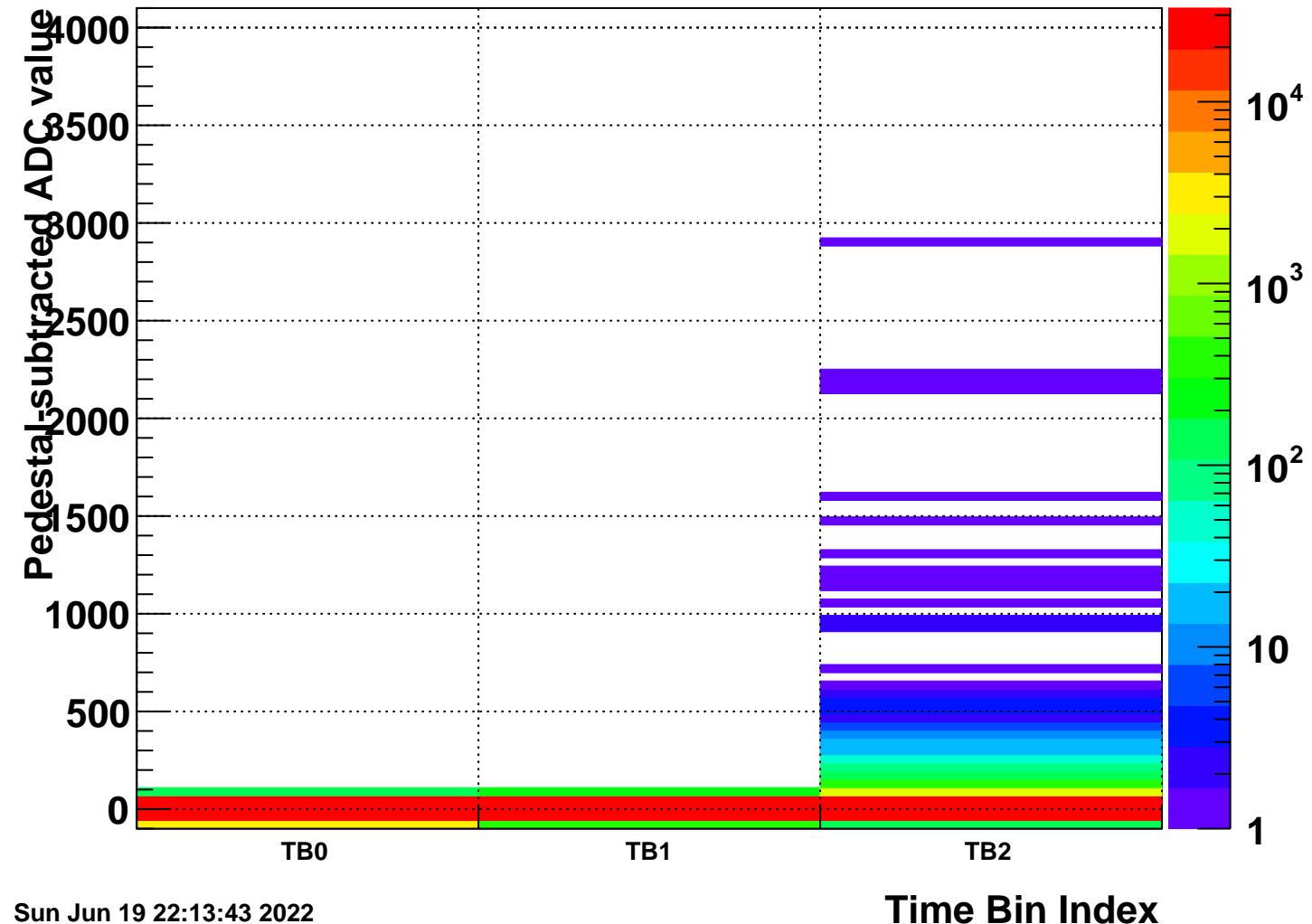
FST - ADC vs Timebin (non-ZS), Disk1 Module6: RDO1_ARM2_PORT1_SEC0



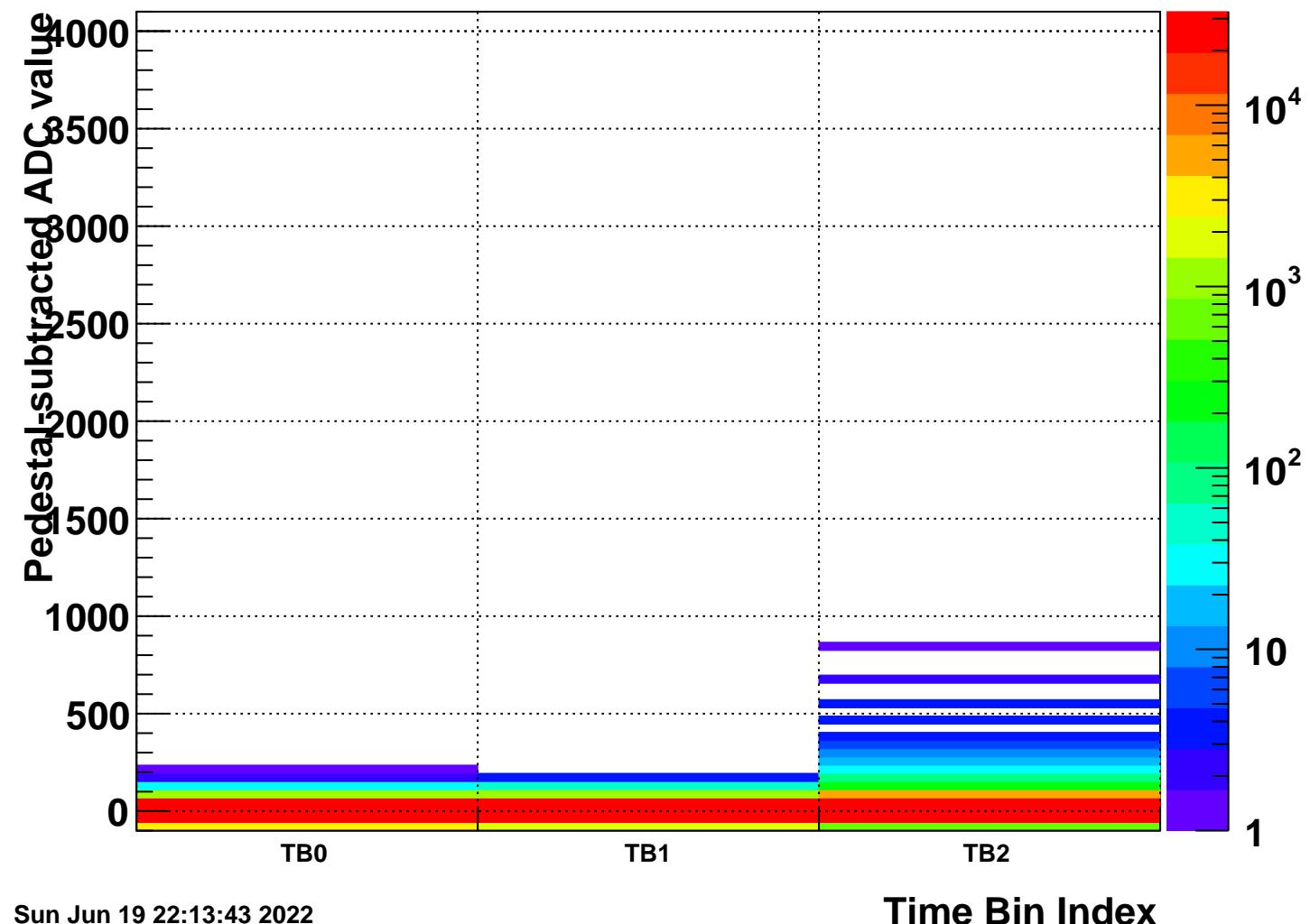
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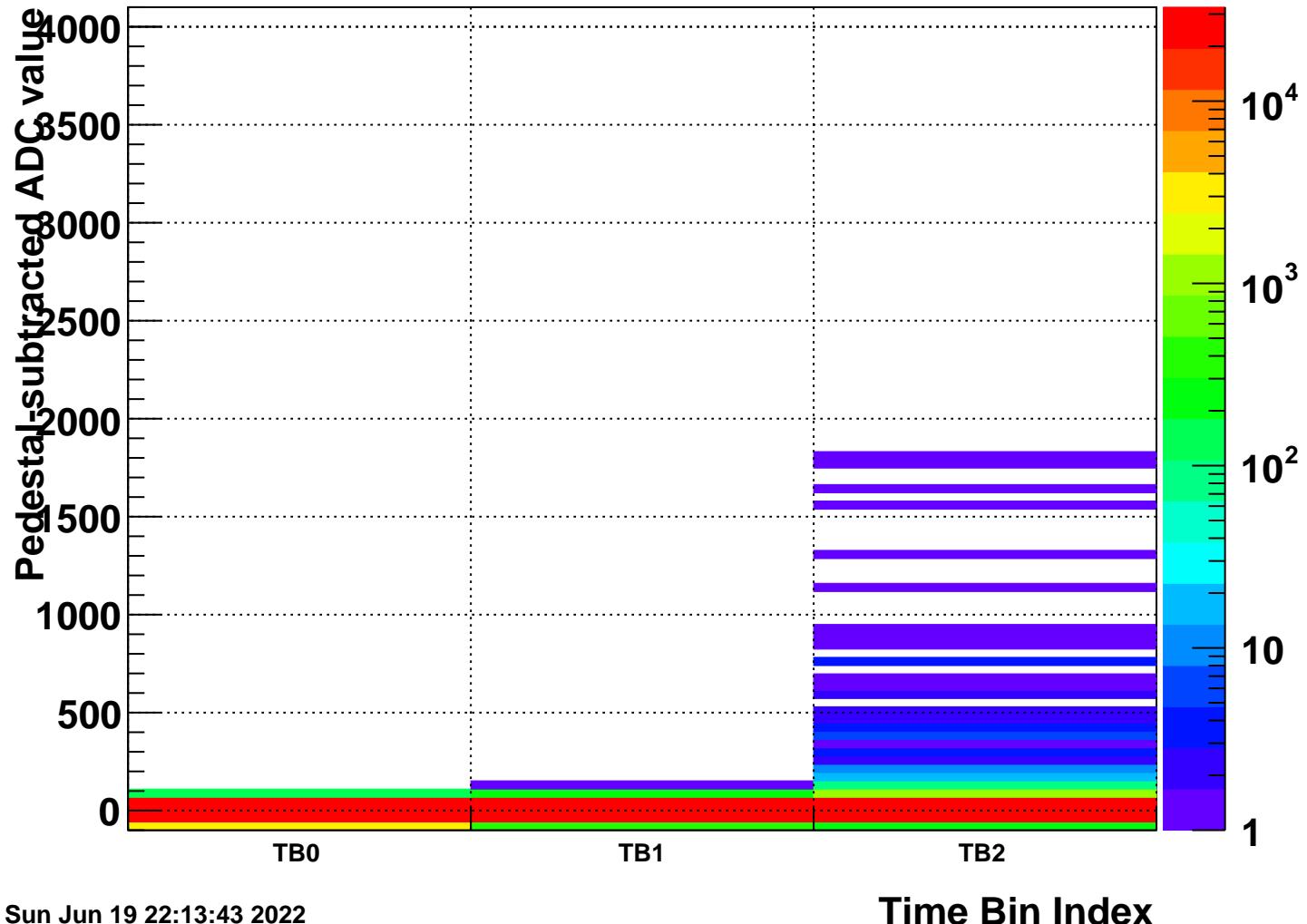
FST - ADC vs Timebin (non-ZS), Disk1 Module7: RDO2_ARM0_PORT0_SEC0



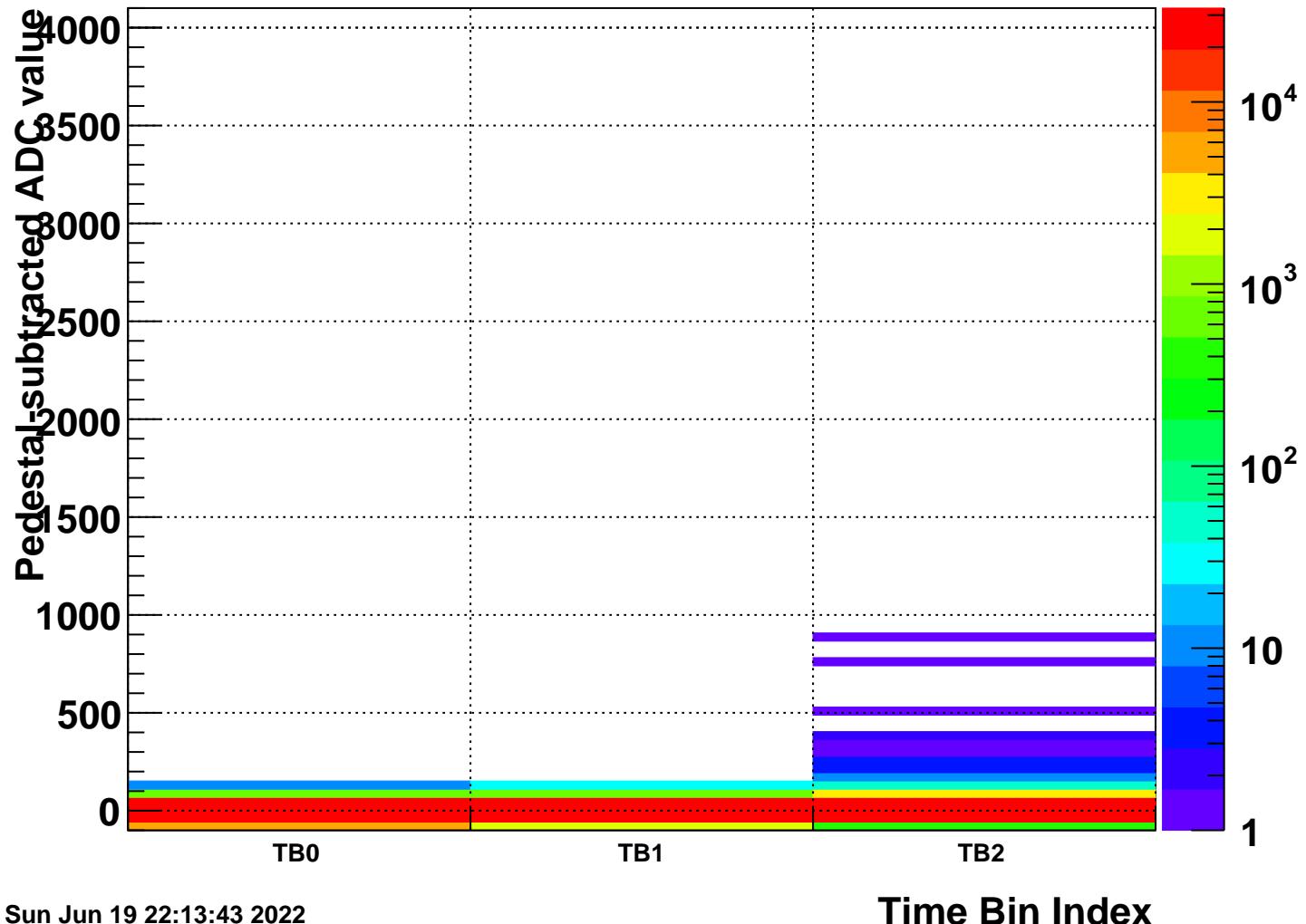
FST - ADC vs Timebin (non-ZS), Disk1 Module7: RDO2_ARM0_PORT0_SEC1



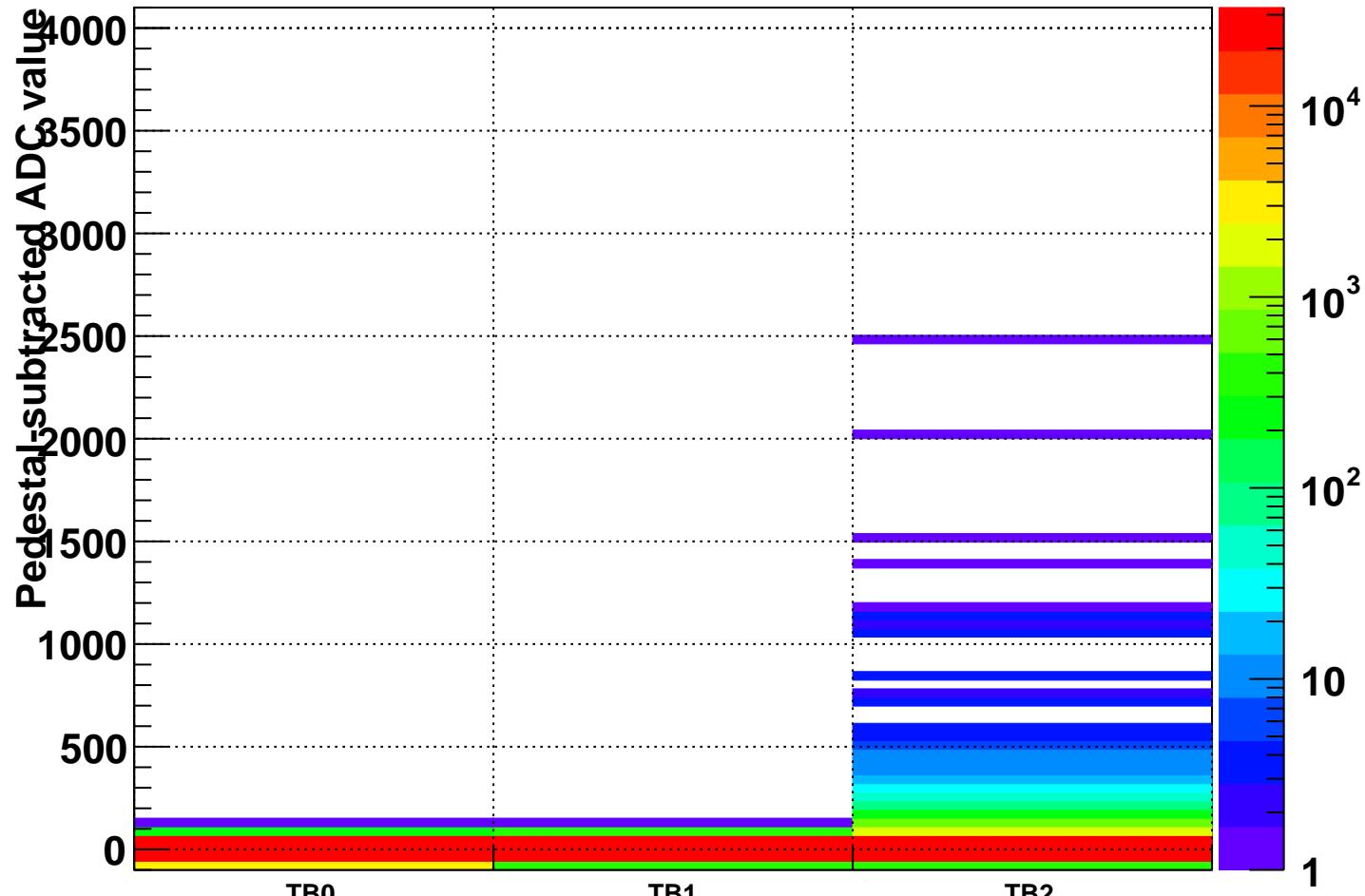
FST - ADC vs Timebin (non-ZS), Disk1 Module8: RDO2_ARM0_PORT1_SEC0



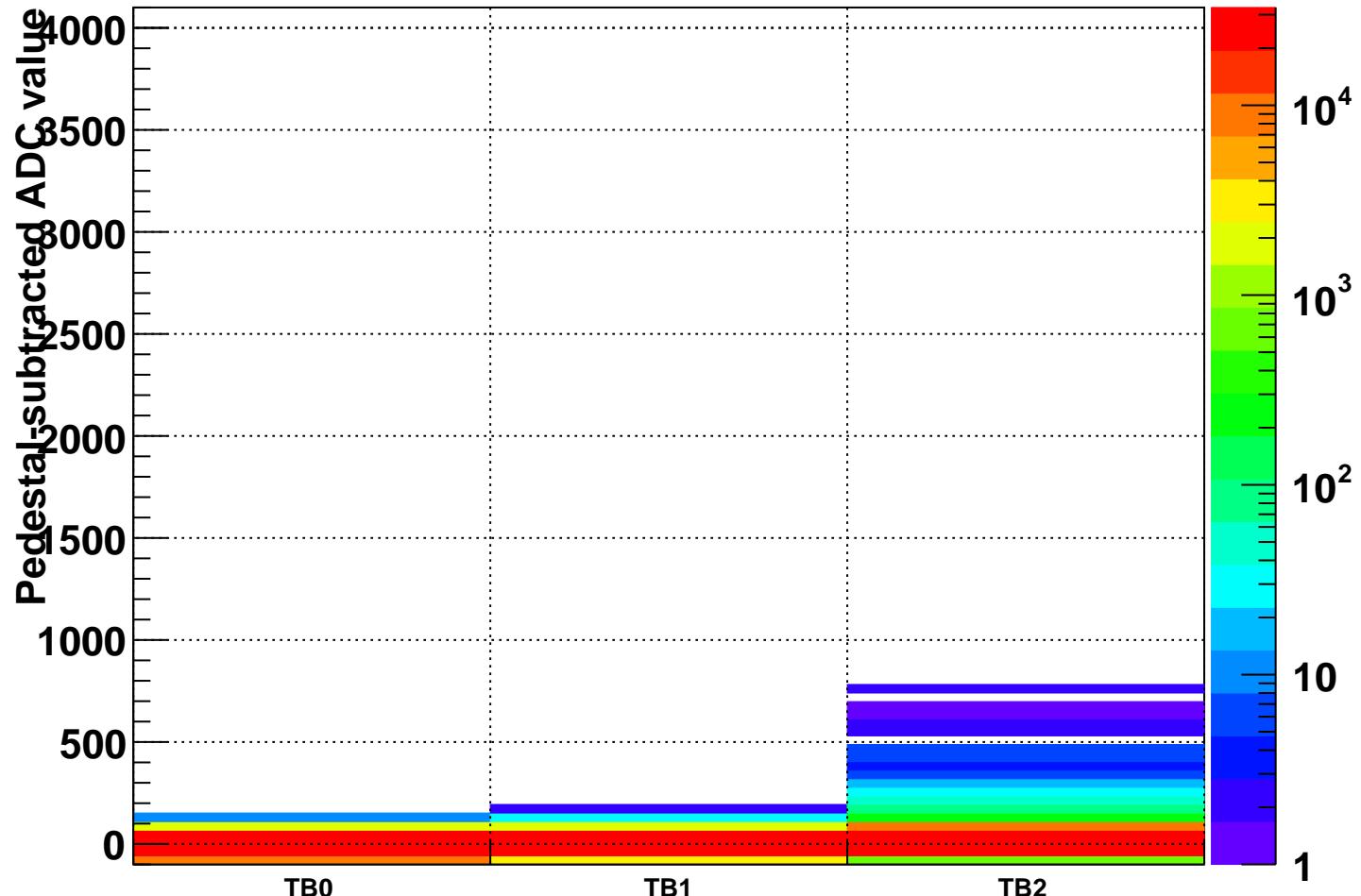
FST - ADC vs Timebin (non-ZS), Disk1 Module8: RDO2_ARM0_PORT1_SEC1



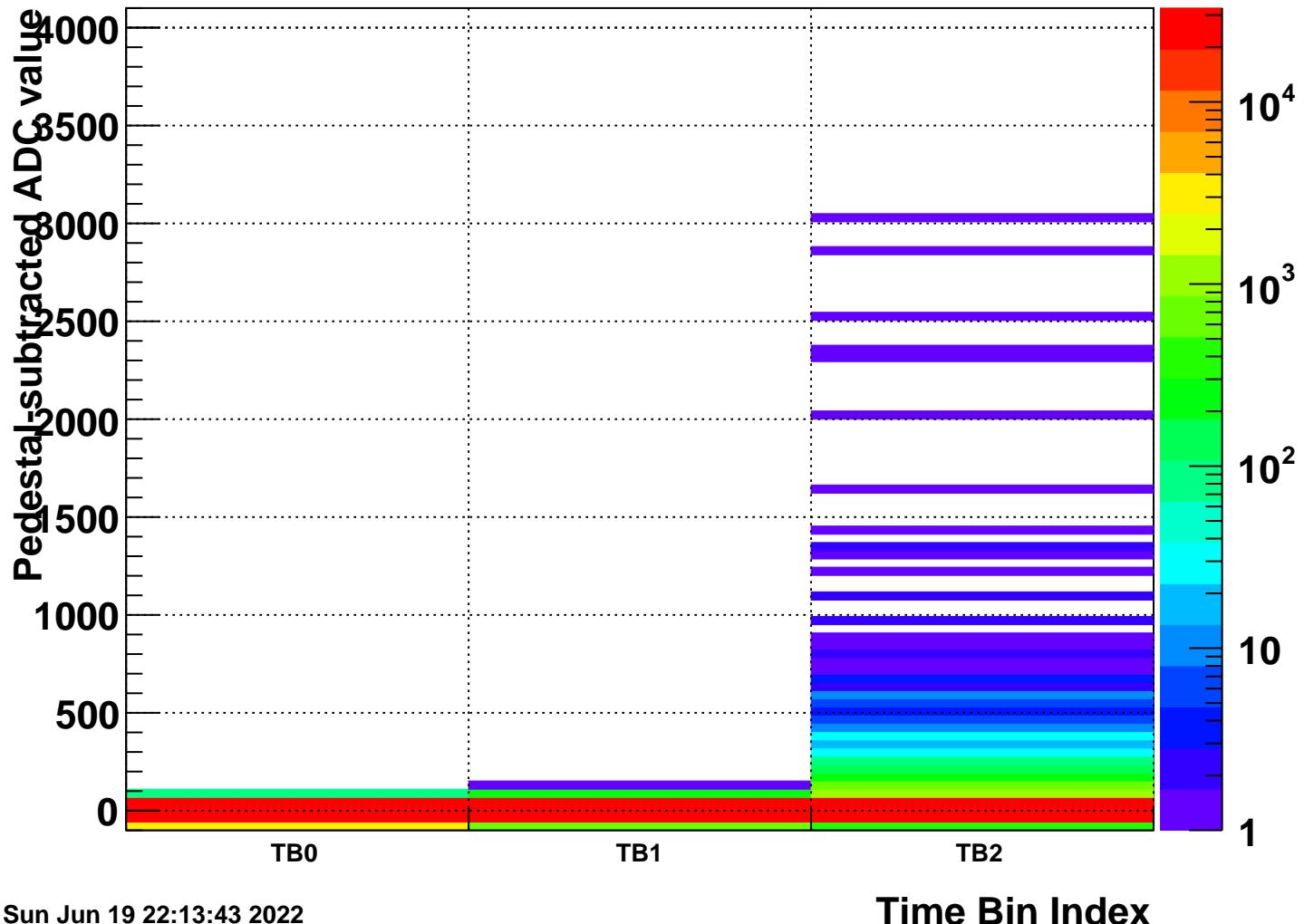
FST - ADC vs Timebin (non-ZS), Disk1 Module9: RDO2_ARM1_PORT0_SEC0



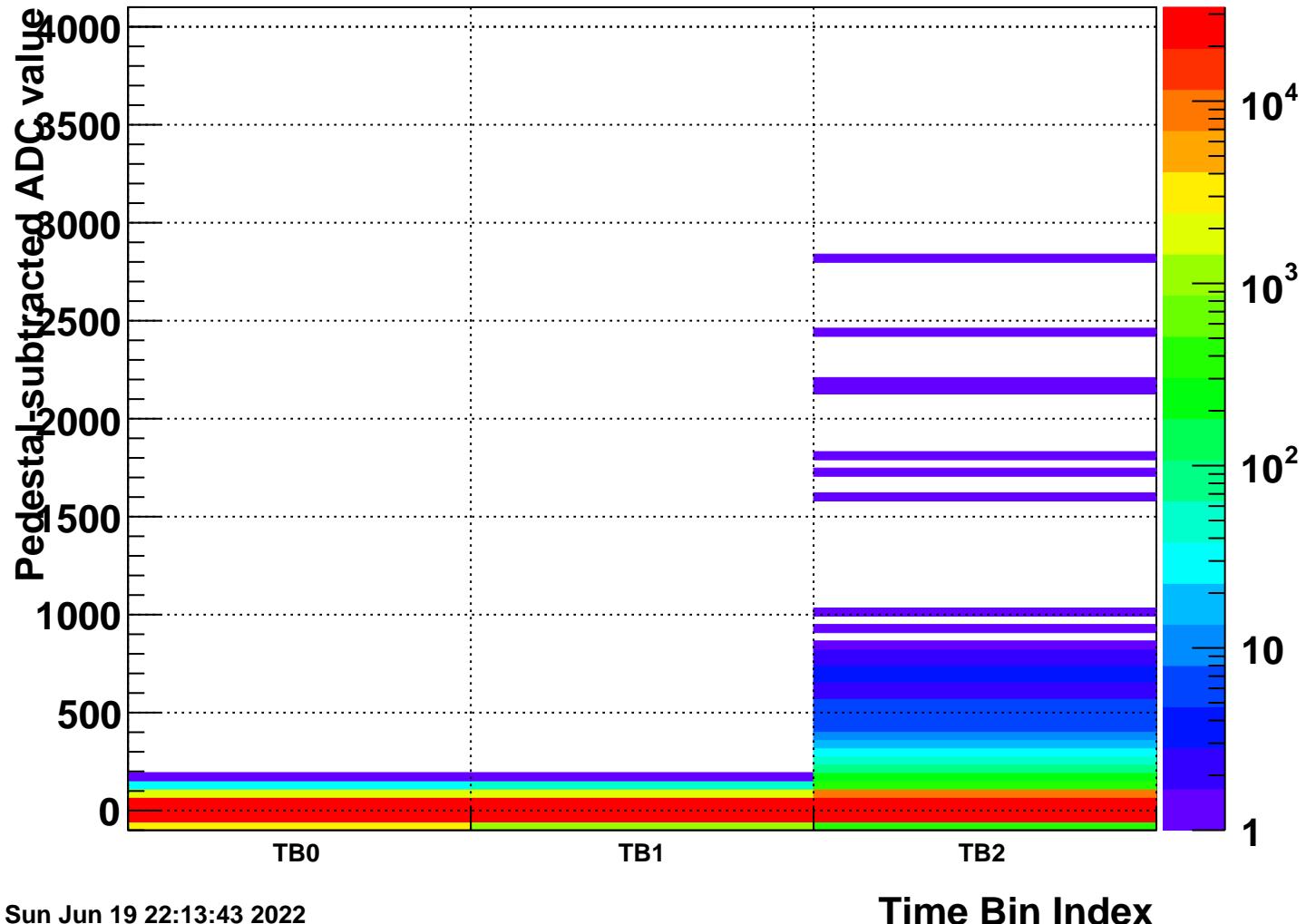
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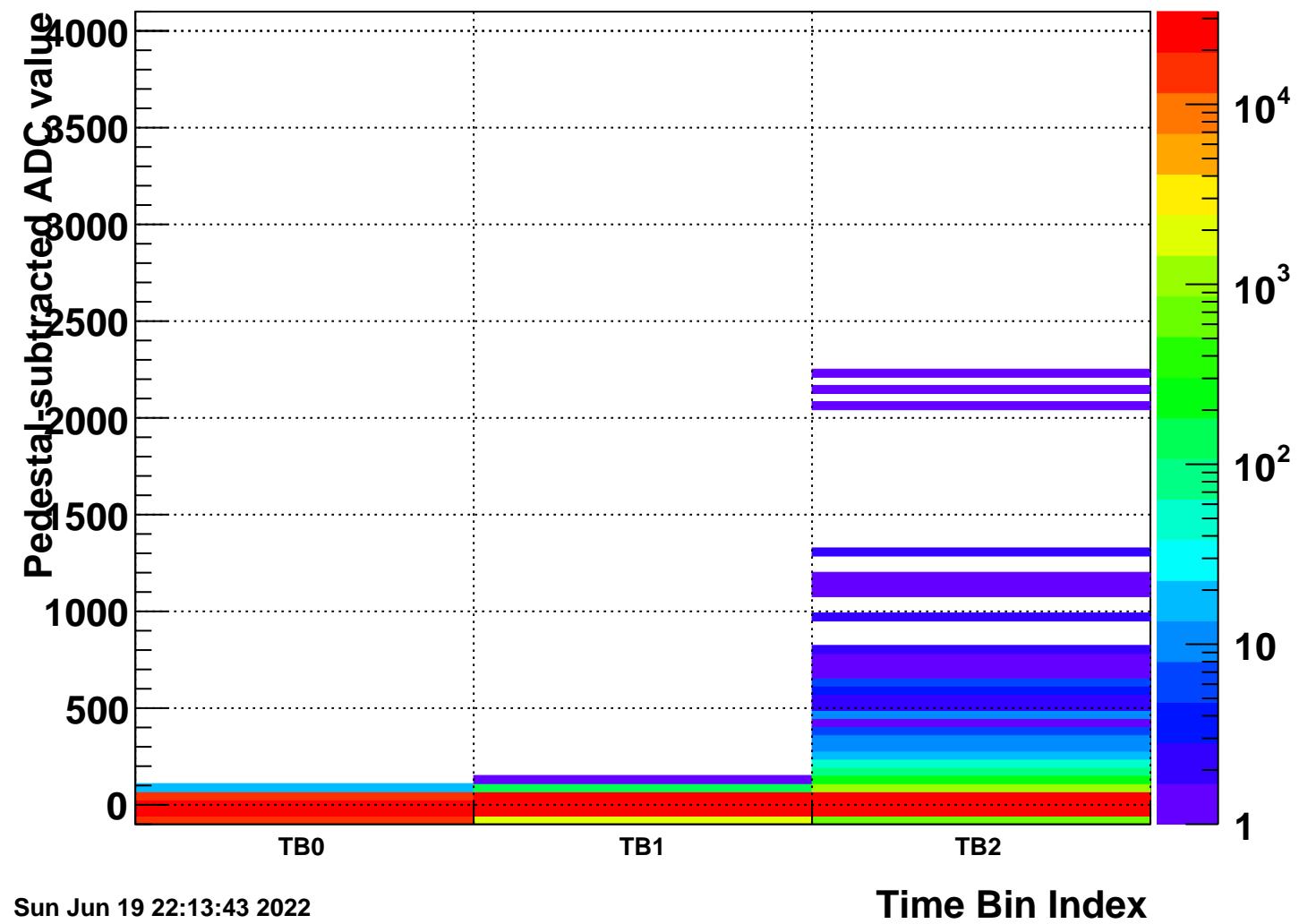
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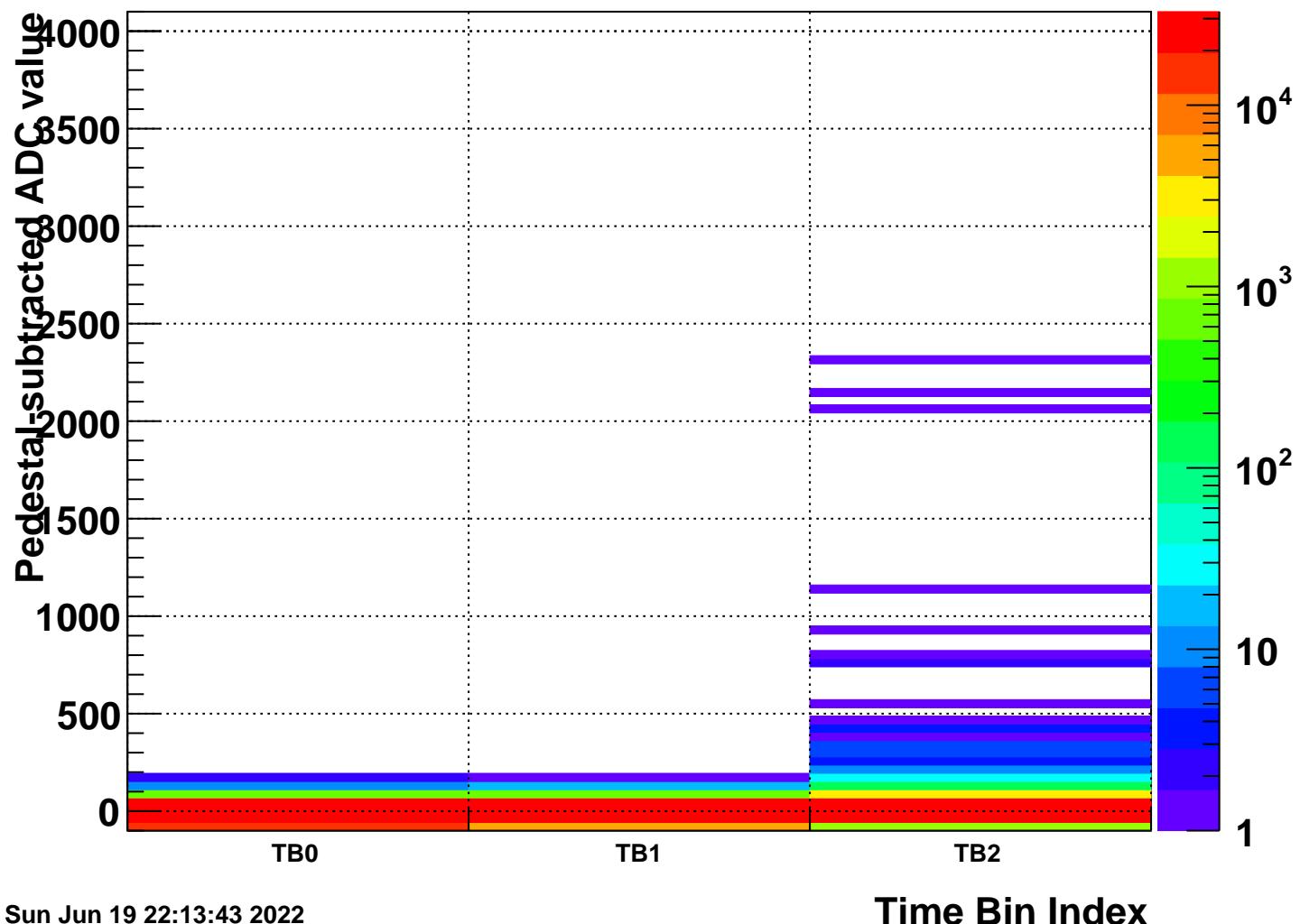
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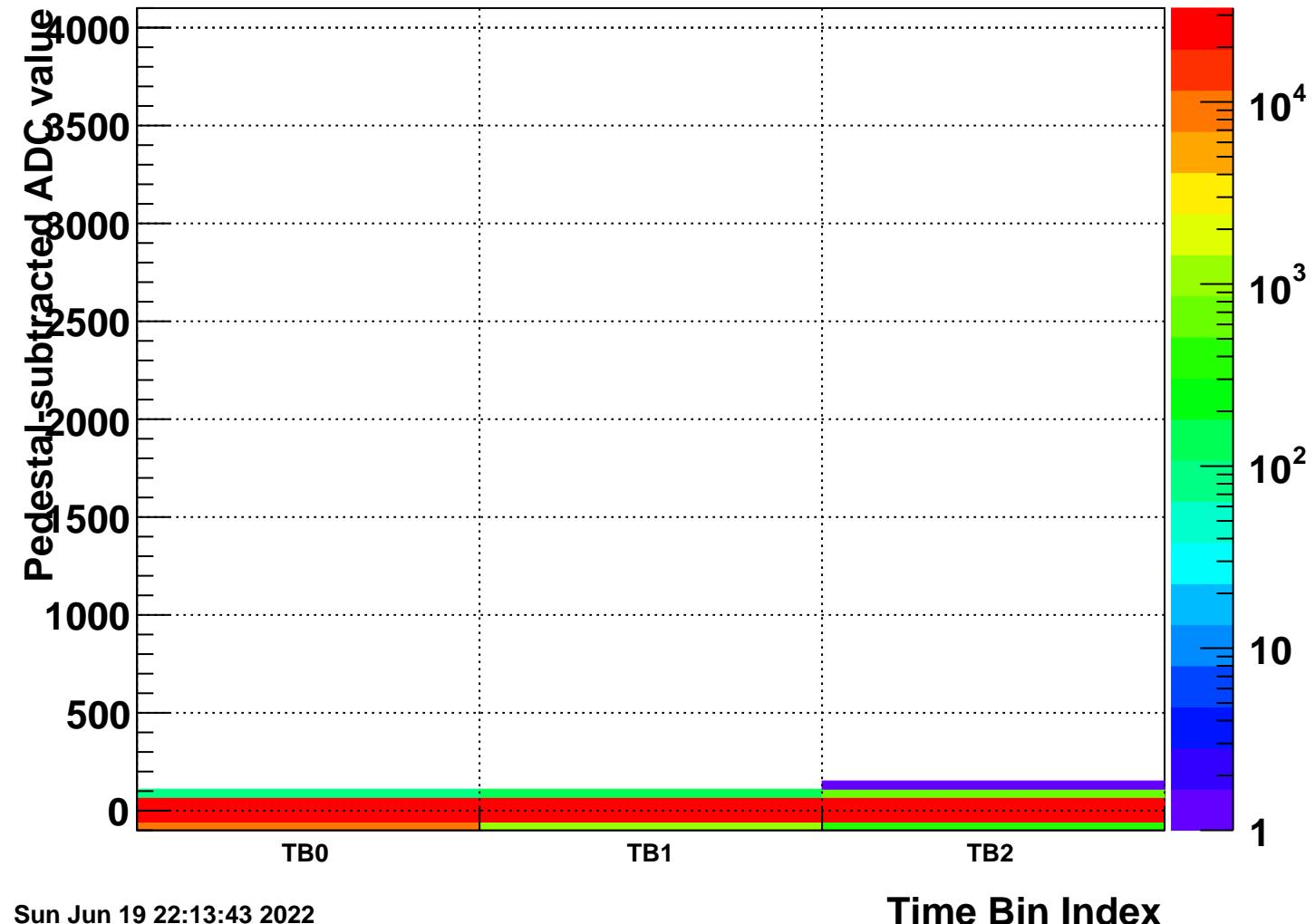
FST - ADC vs Timebin (non-ZS), Disk1 Module11: RDO2_ARM2_PORT0_SEC0



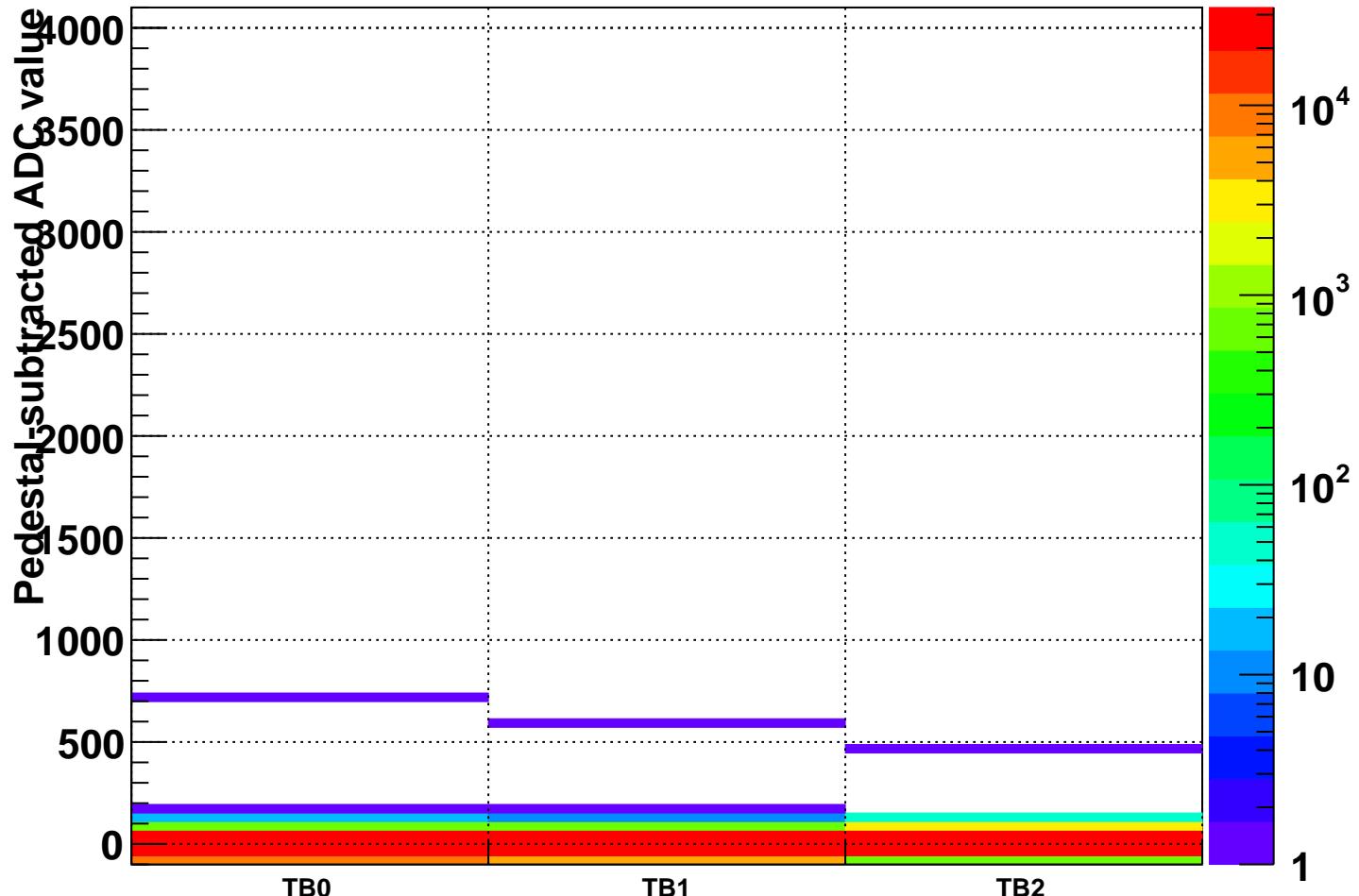
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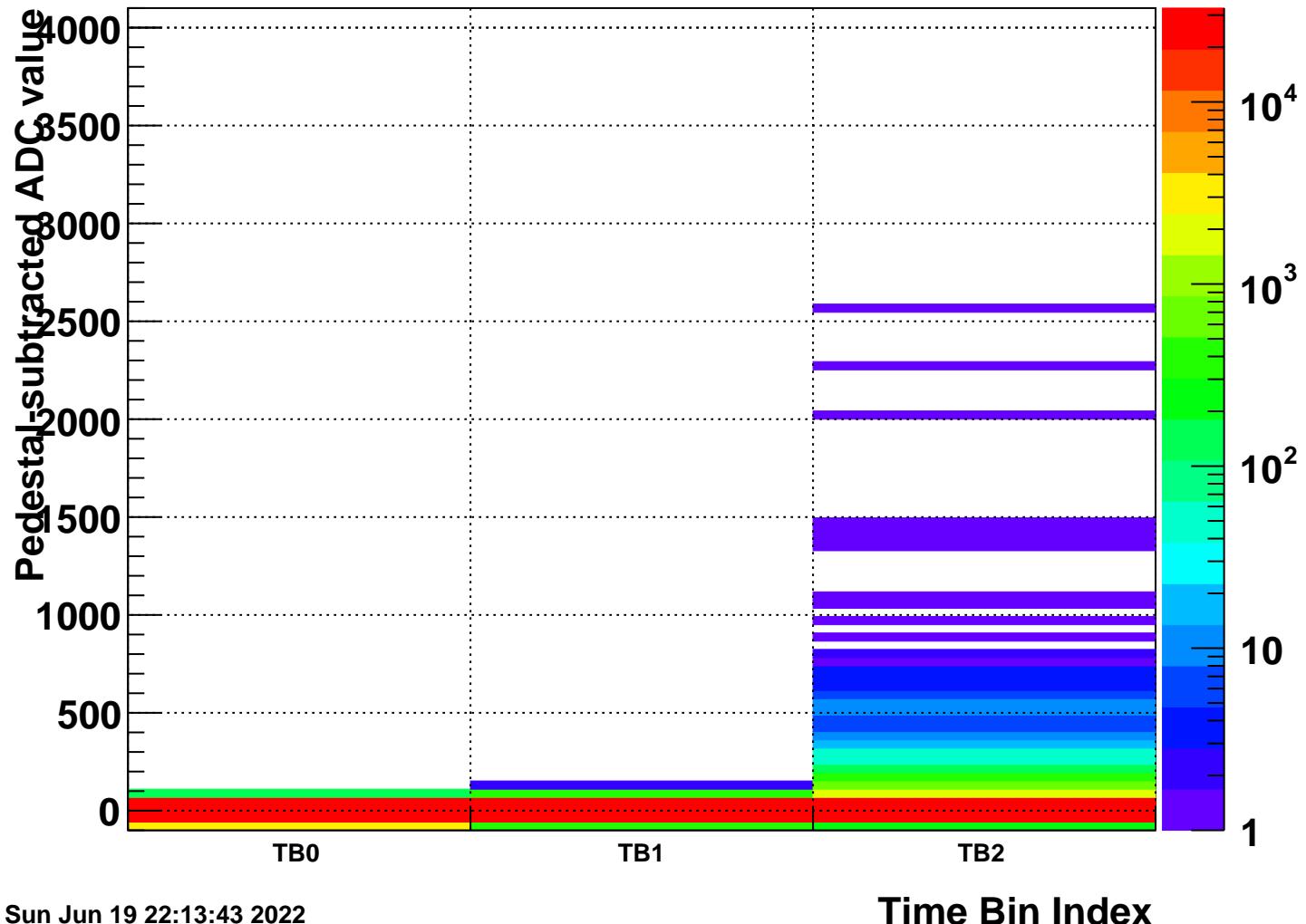
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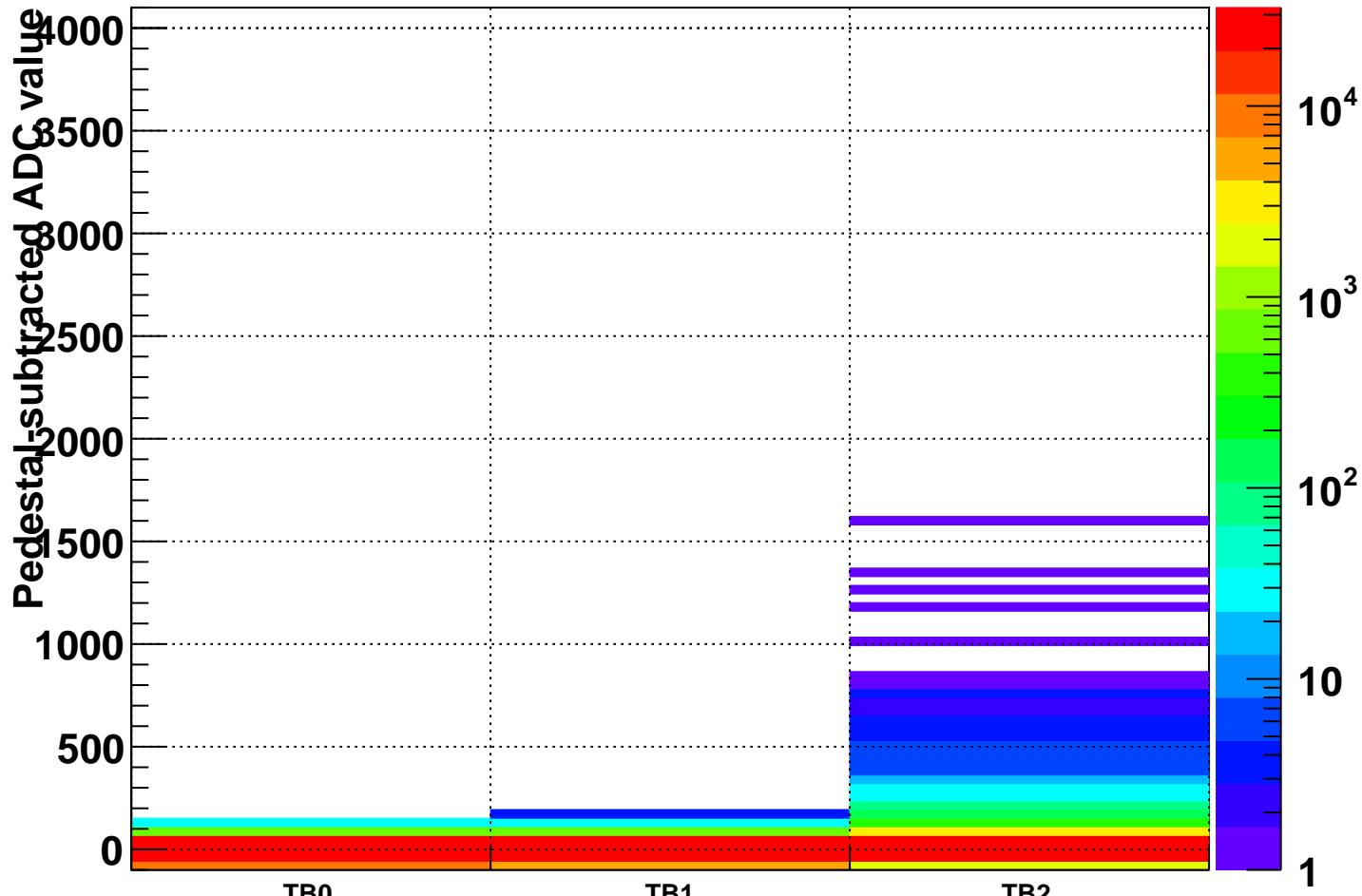
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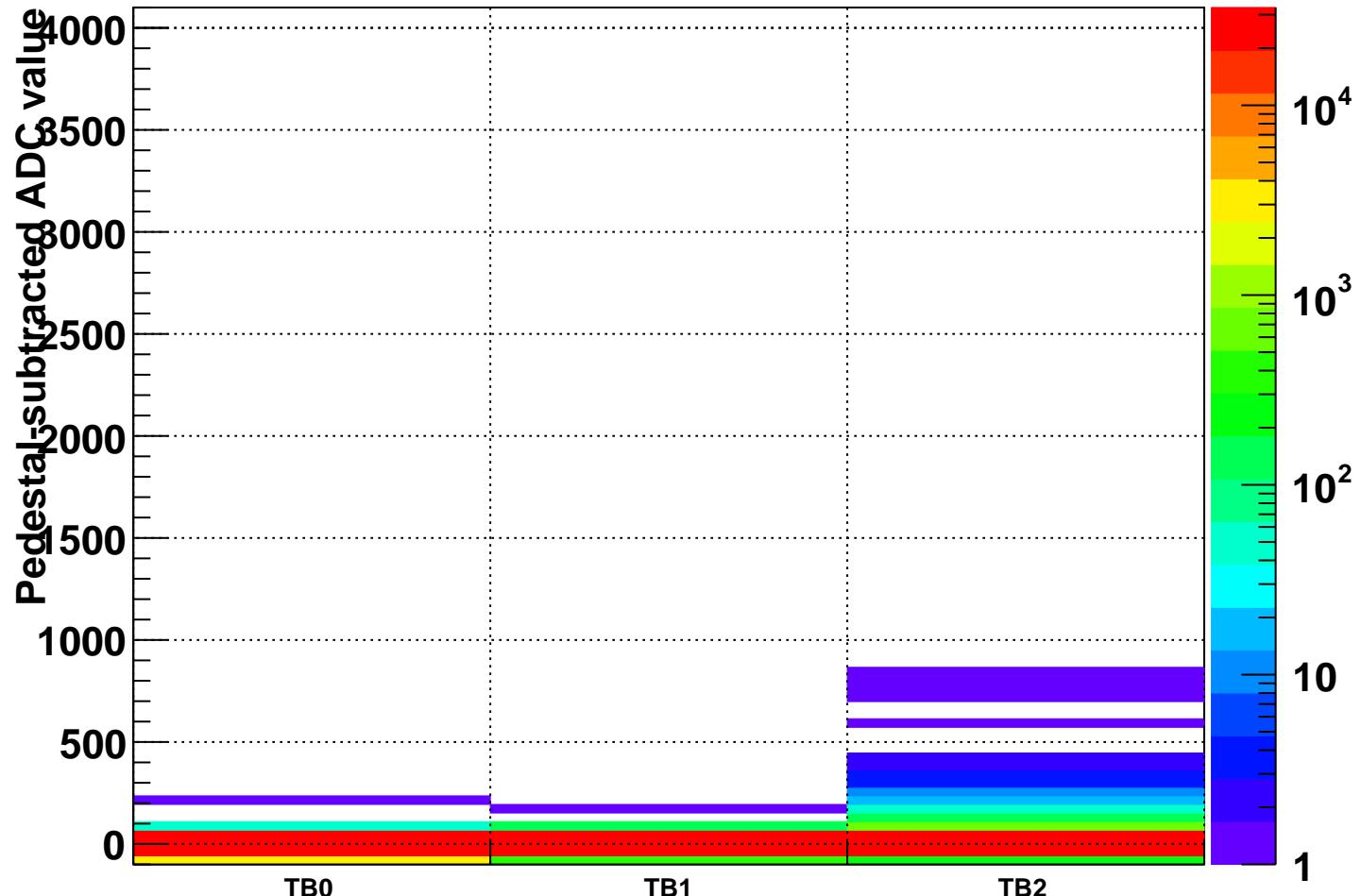
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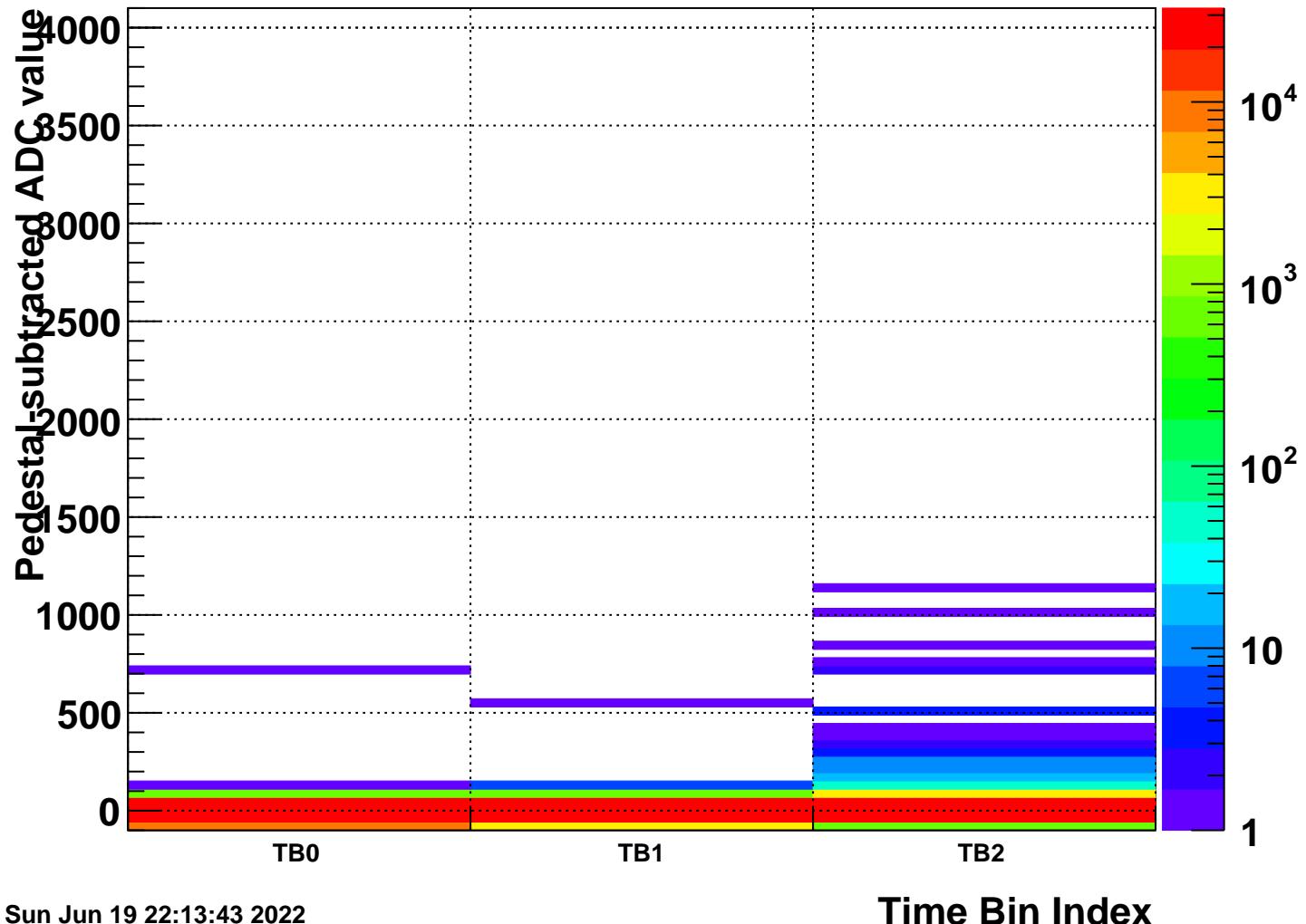
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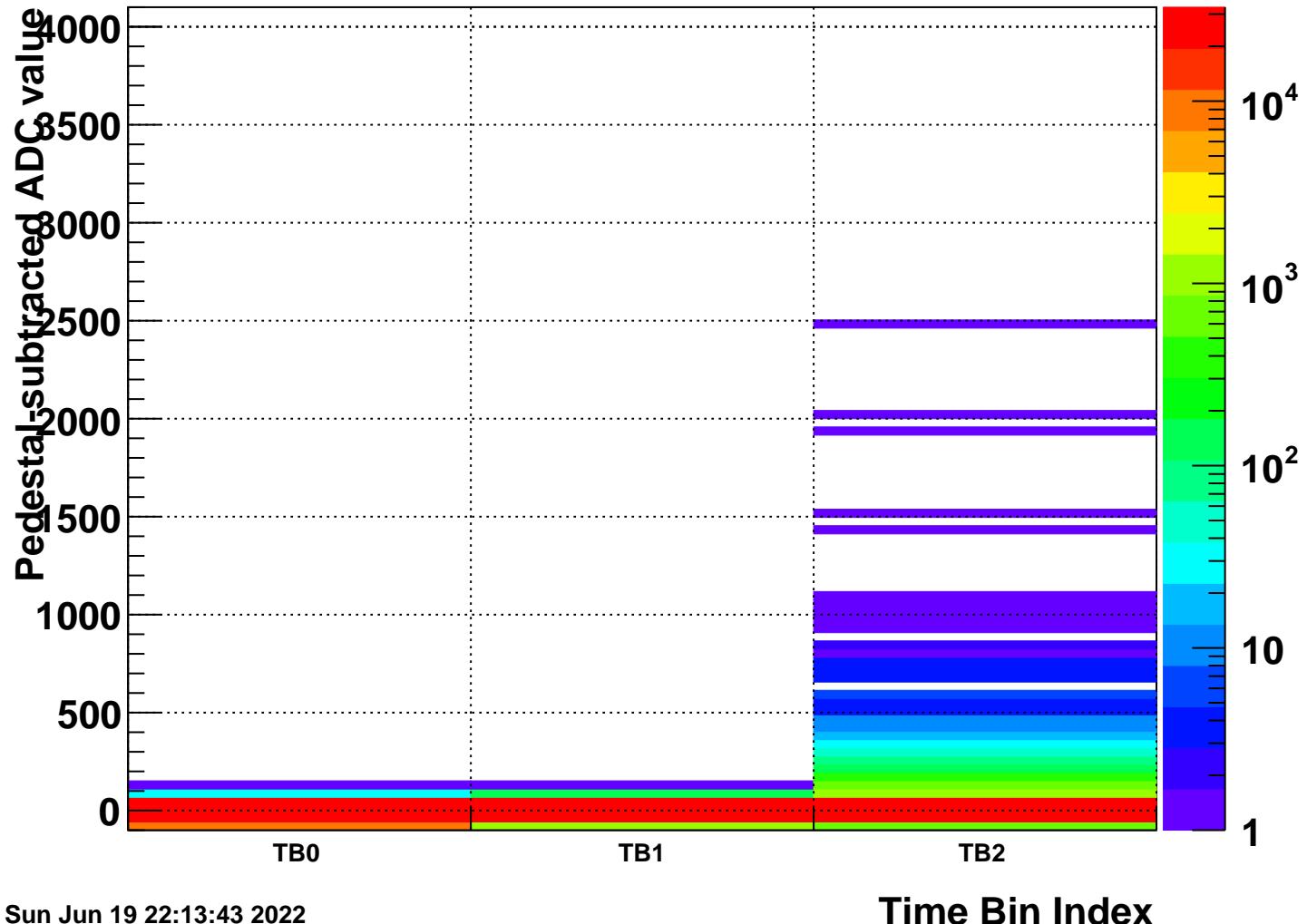
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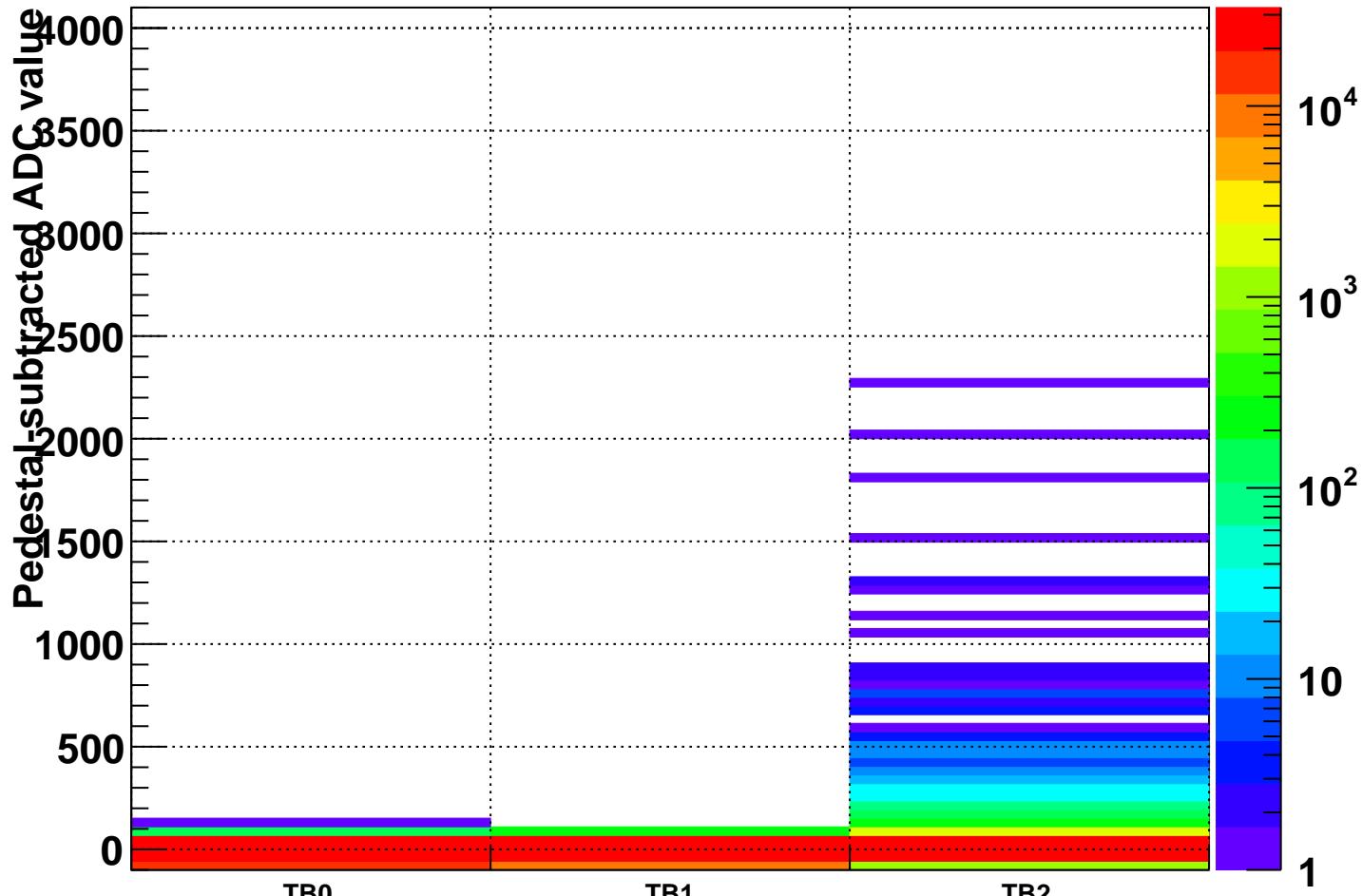
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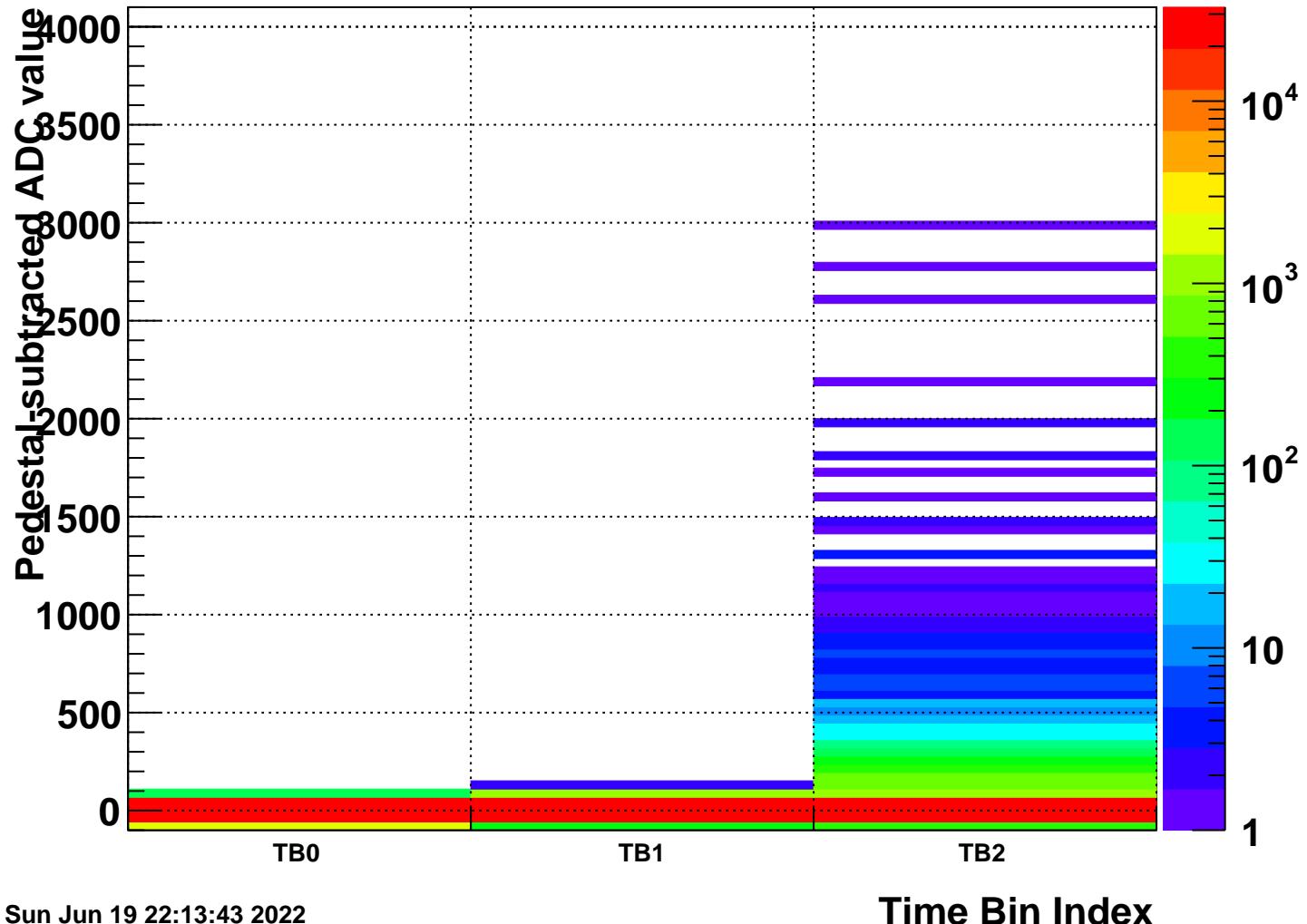
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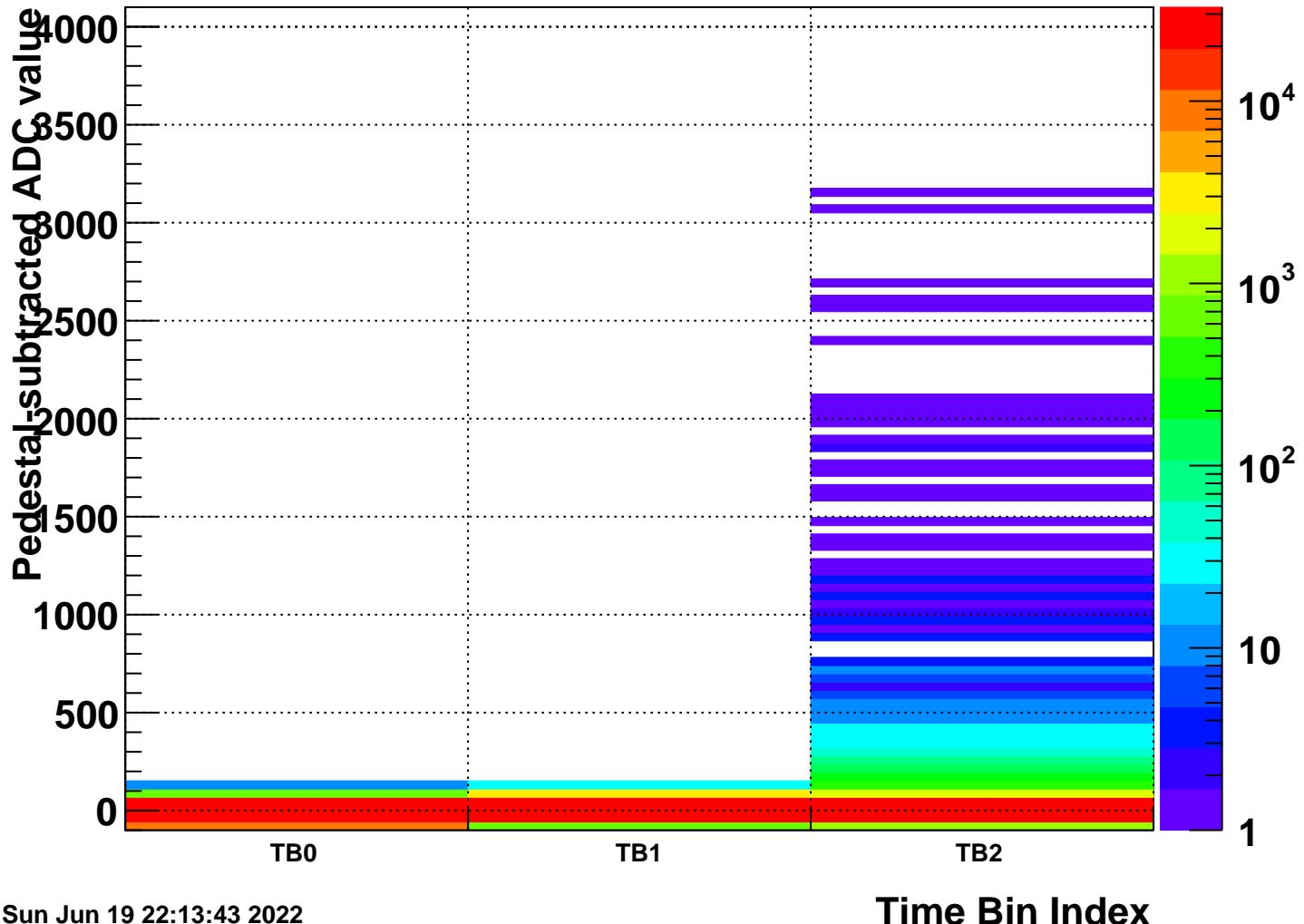
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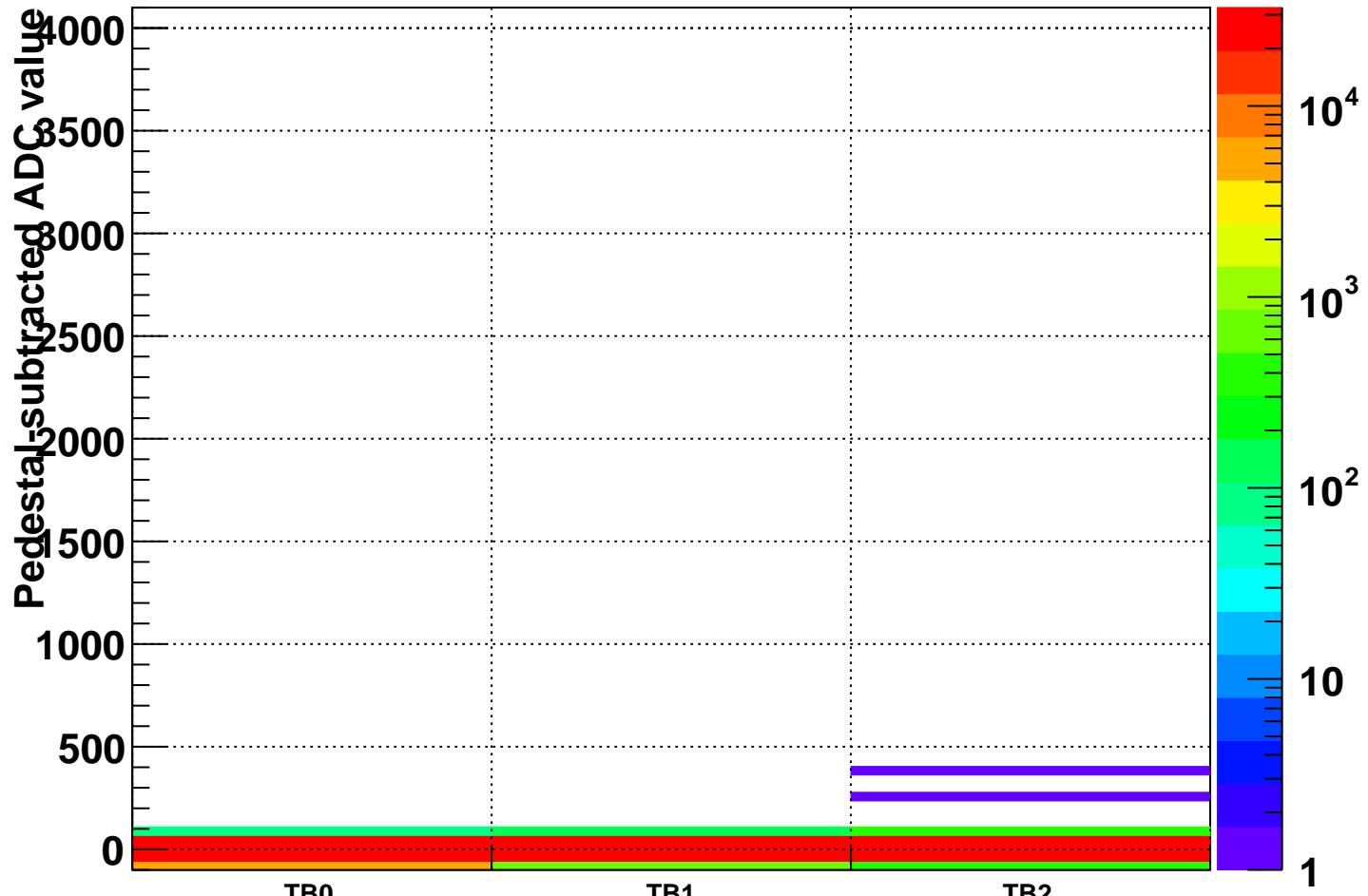
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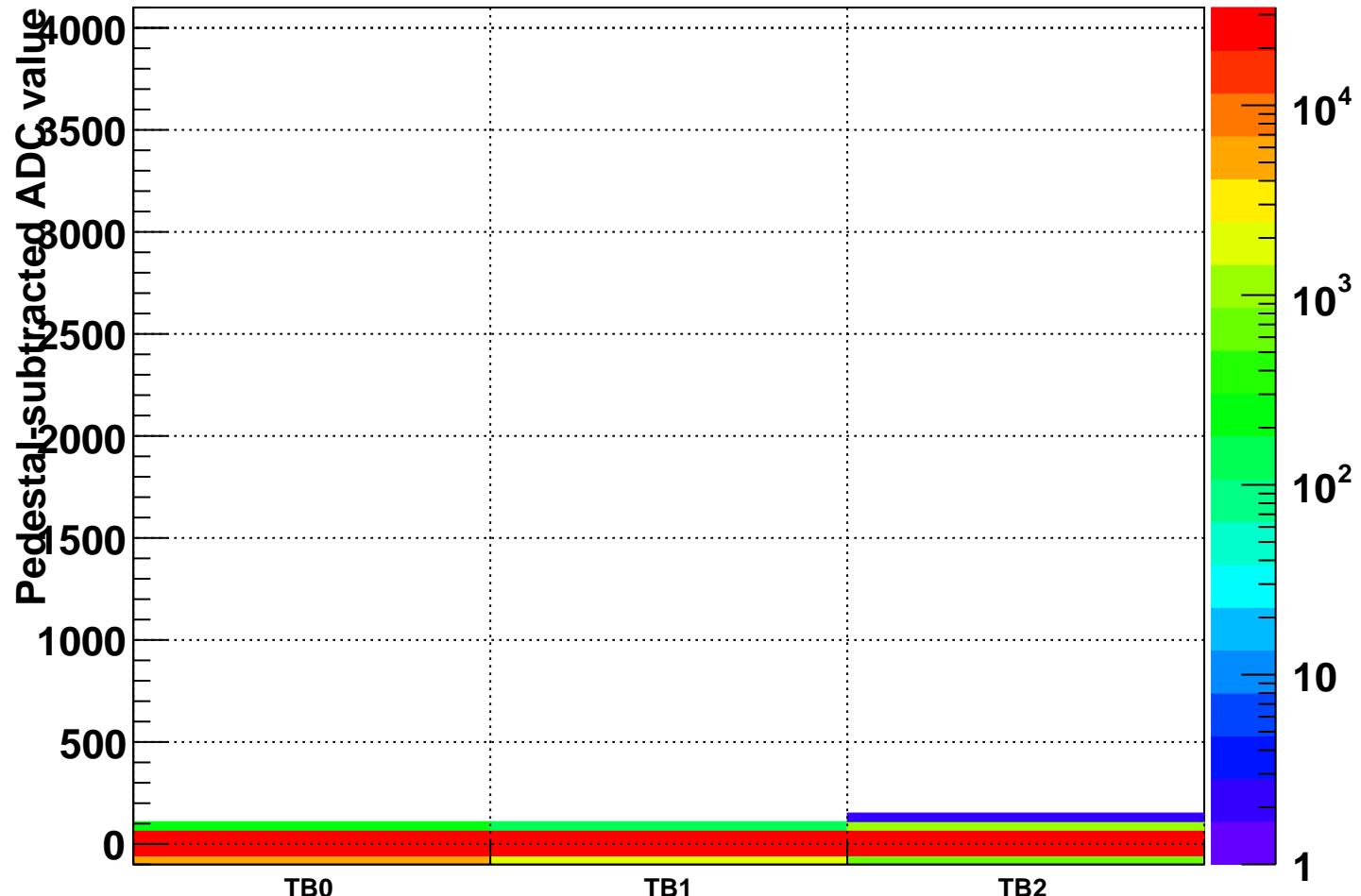
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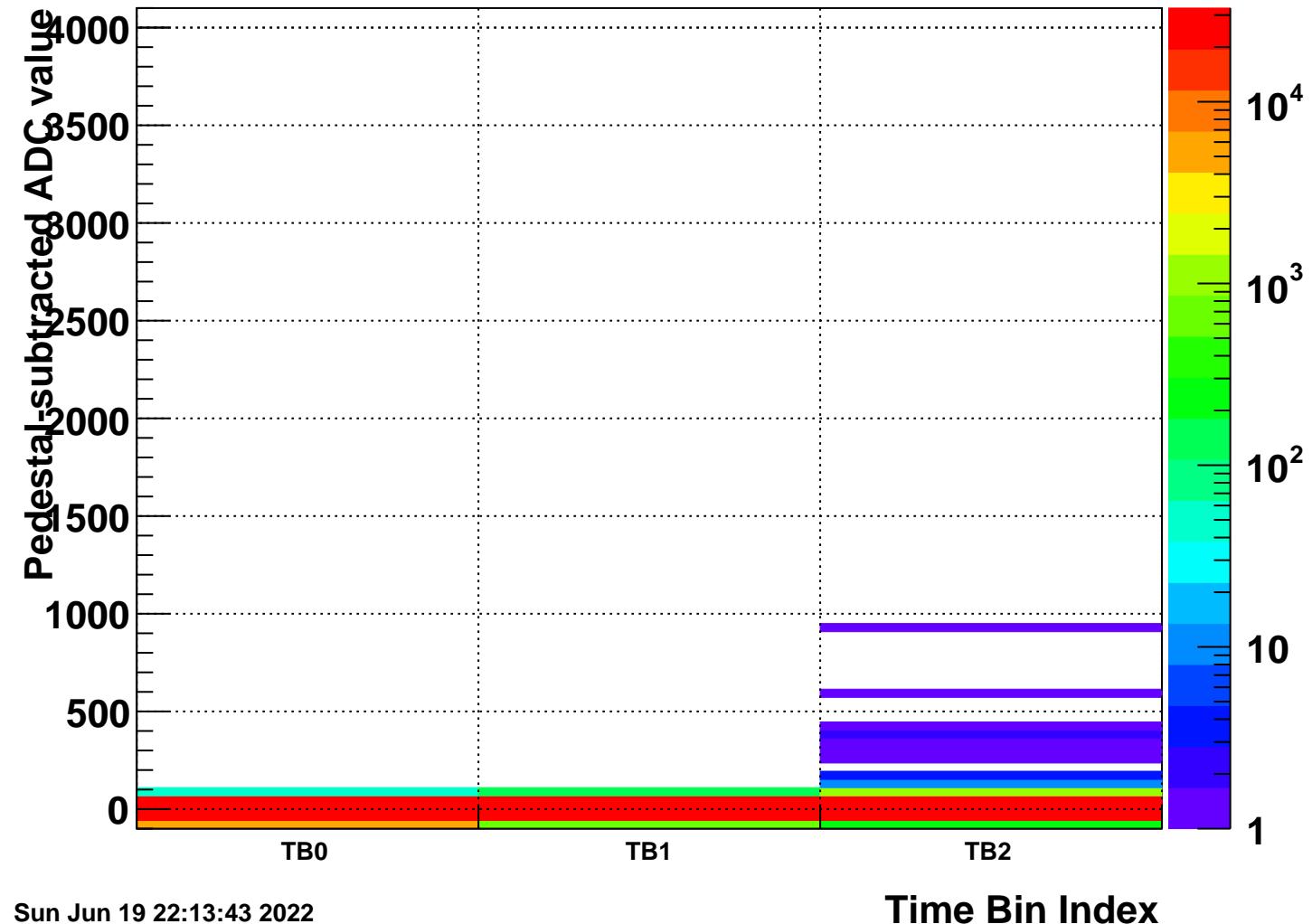
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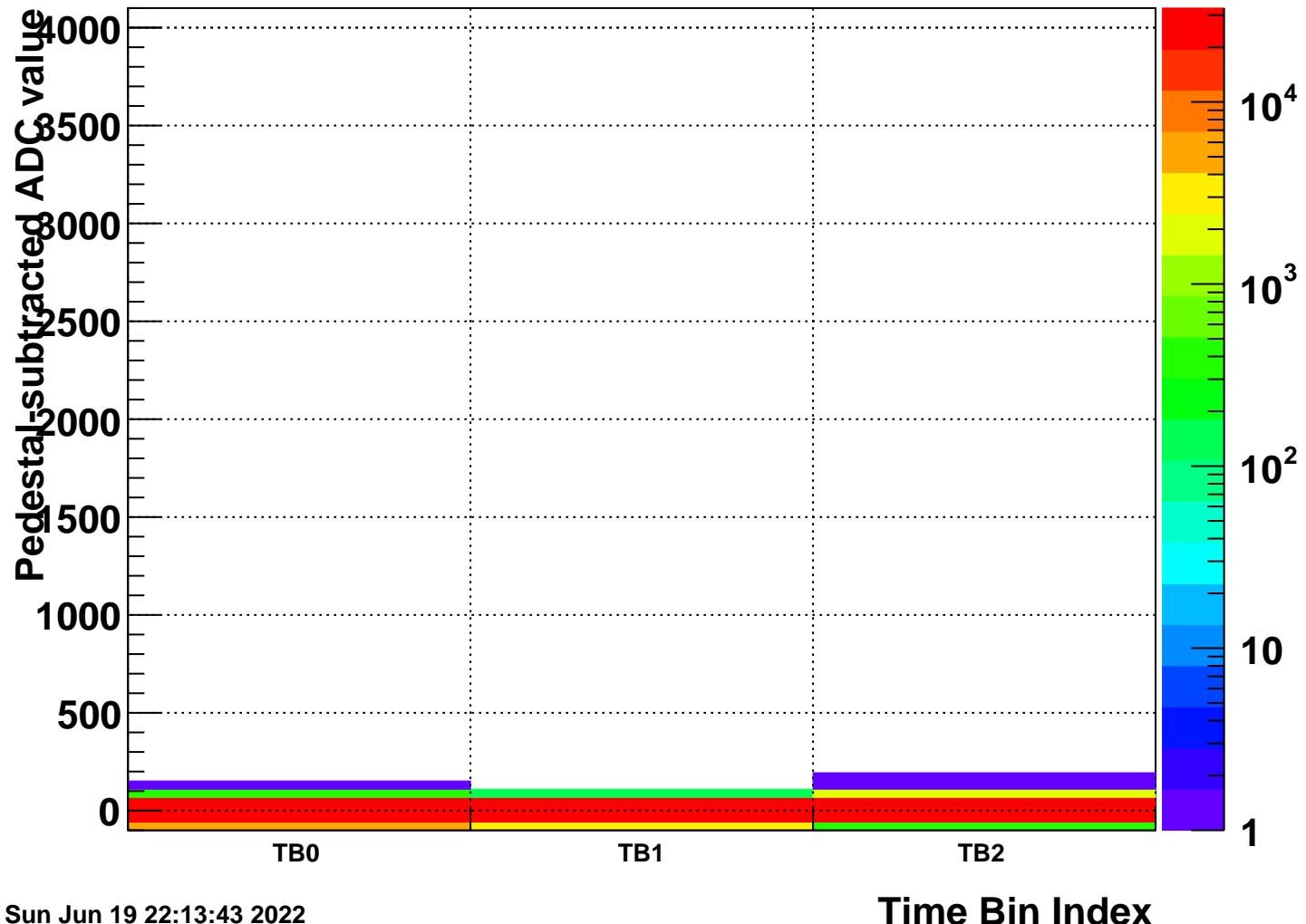
FST - ADC vs Timebin (non-ZS), Disk2 Module5: RDO3_ARM2_PORT0_SEC1



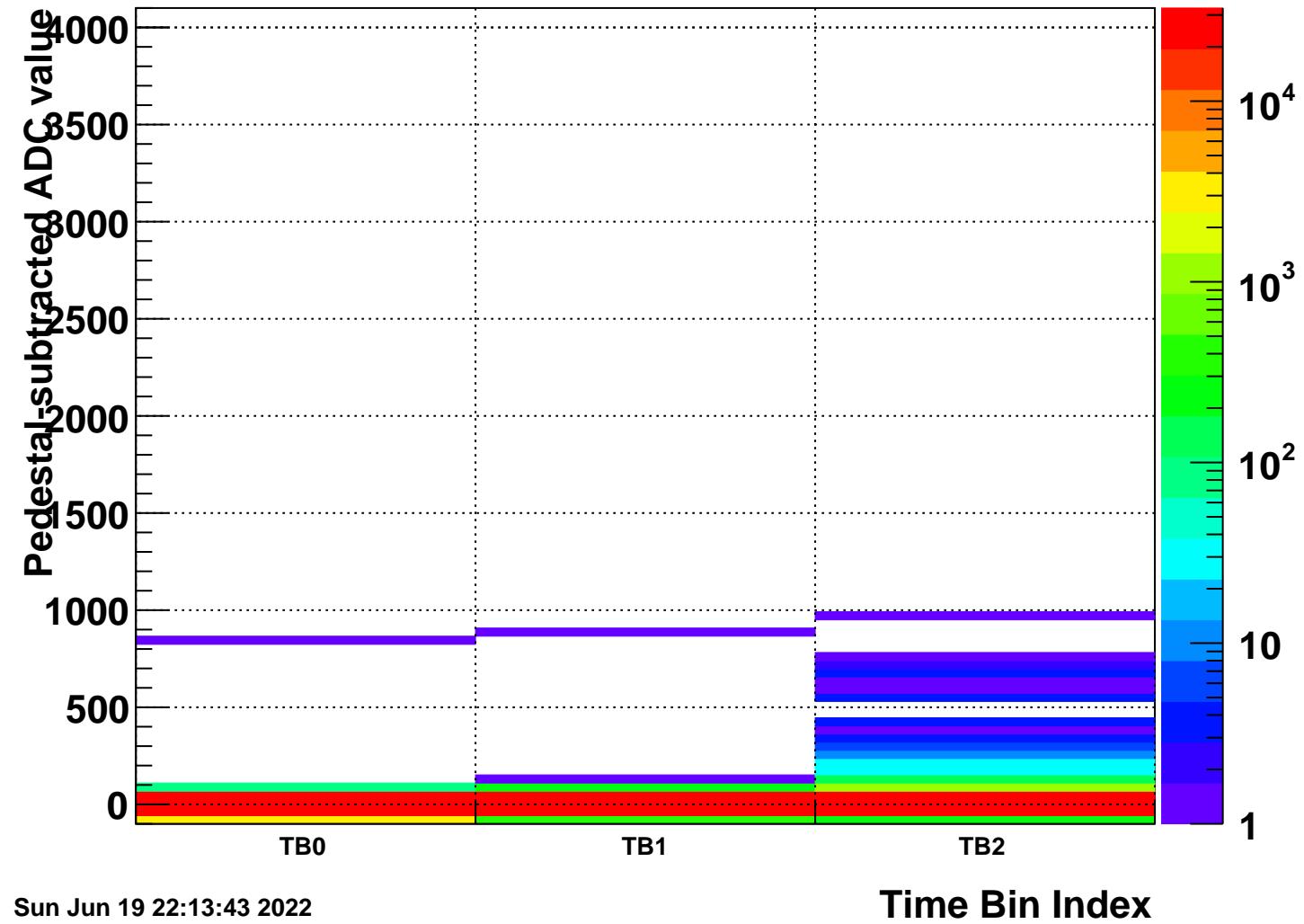
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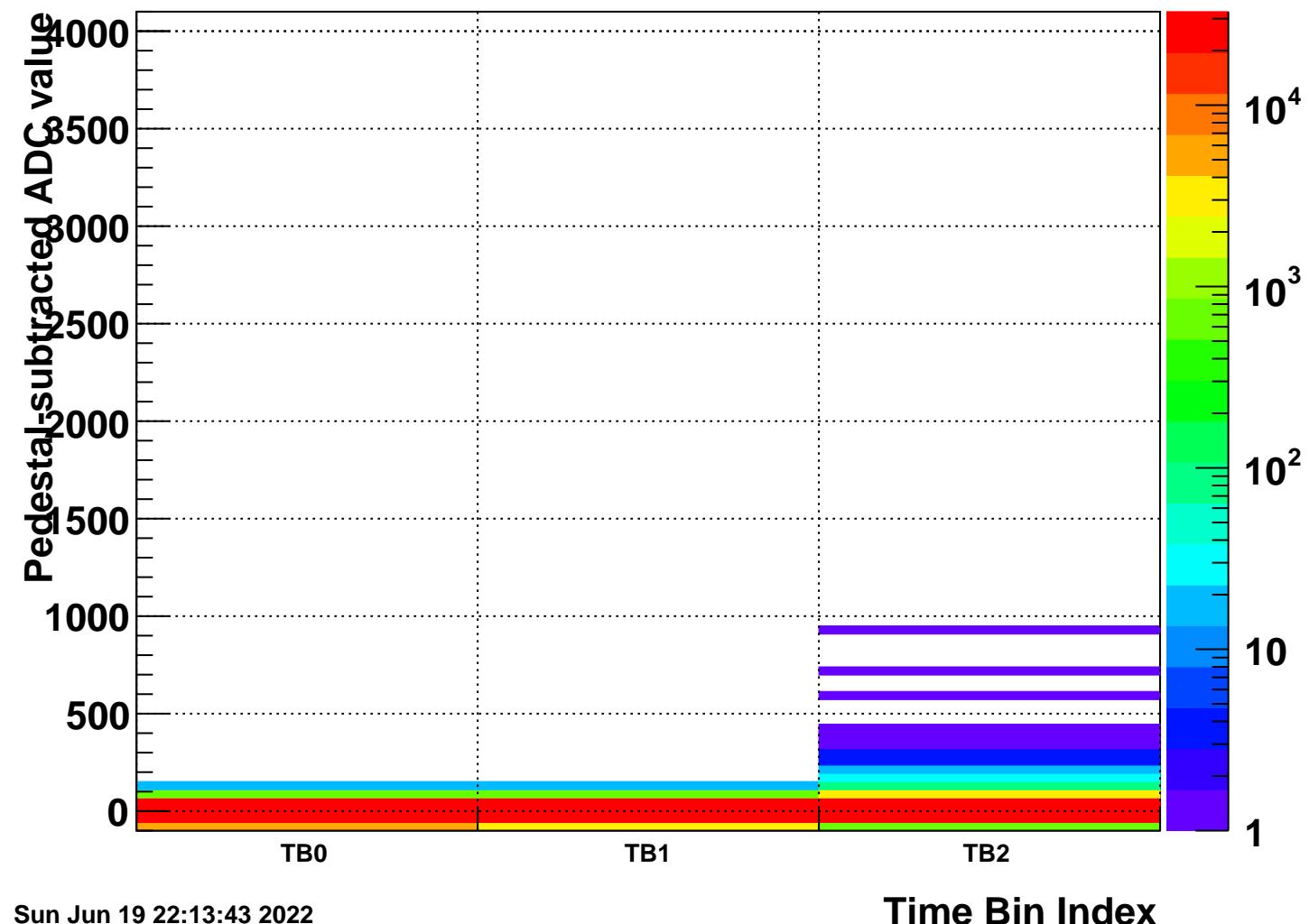
FST - ADC vs Timebin (non-ZS), Disk2 Module6: RDO3_ARM2_PORT1_SEC1



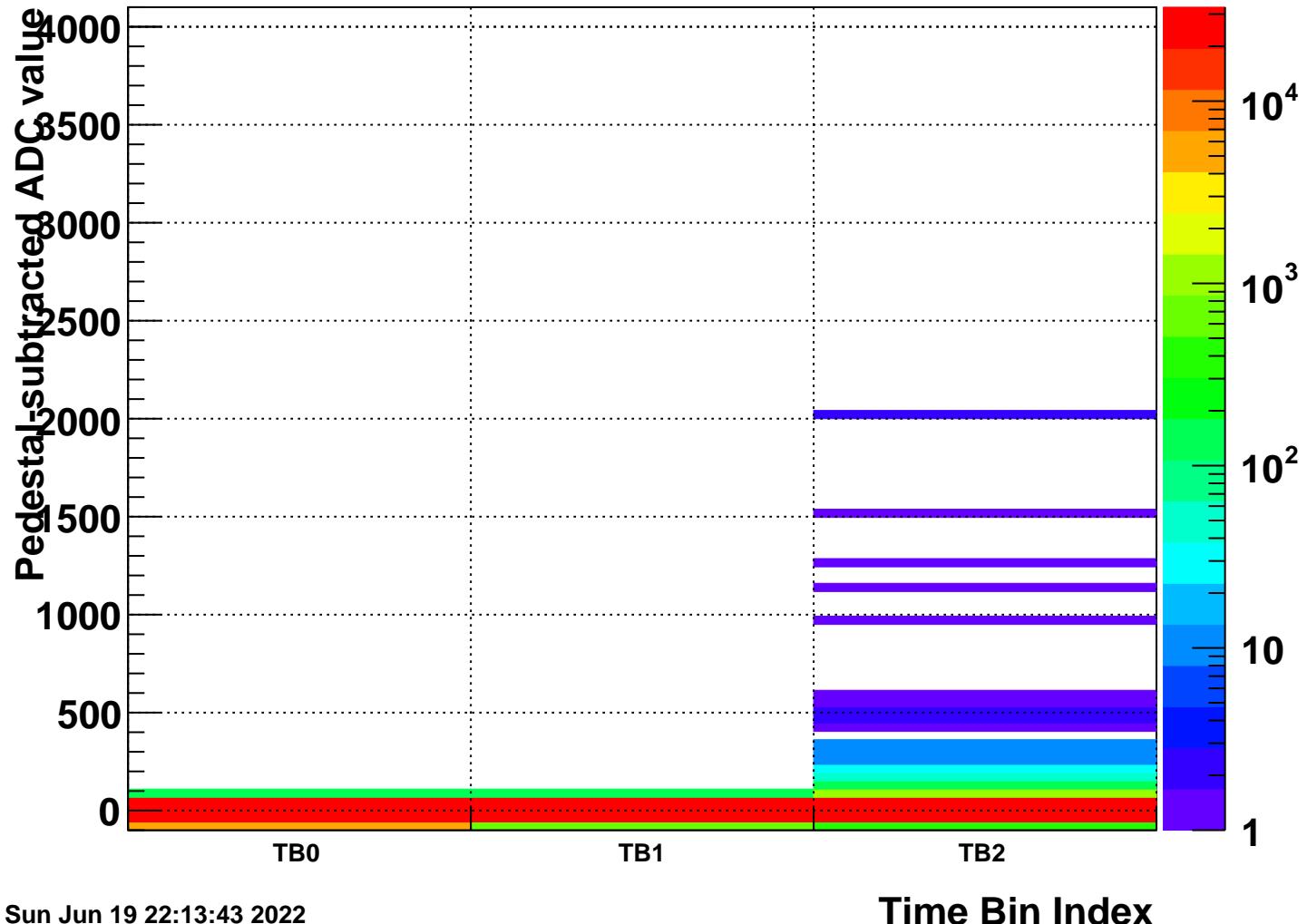
FST - ADC vs Timebin (non-ZS), Disk2 Module7: RDO4_ARM0_PORT0_SEC0



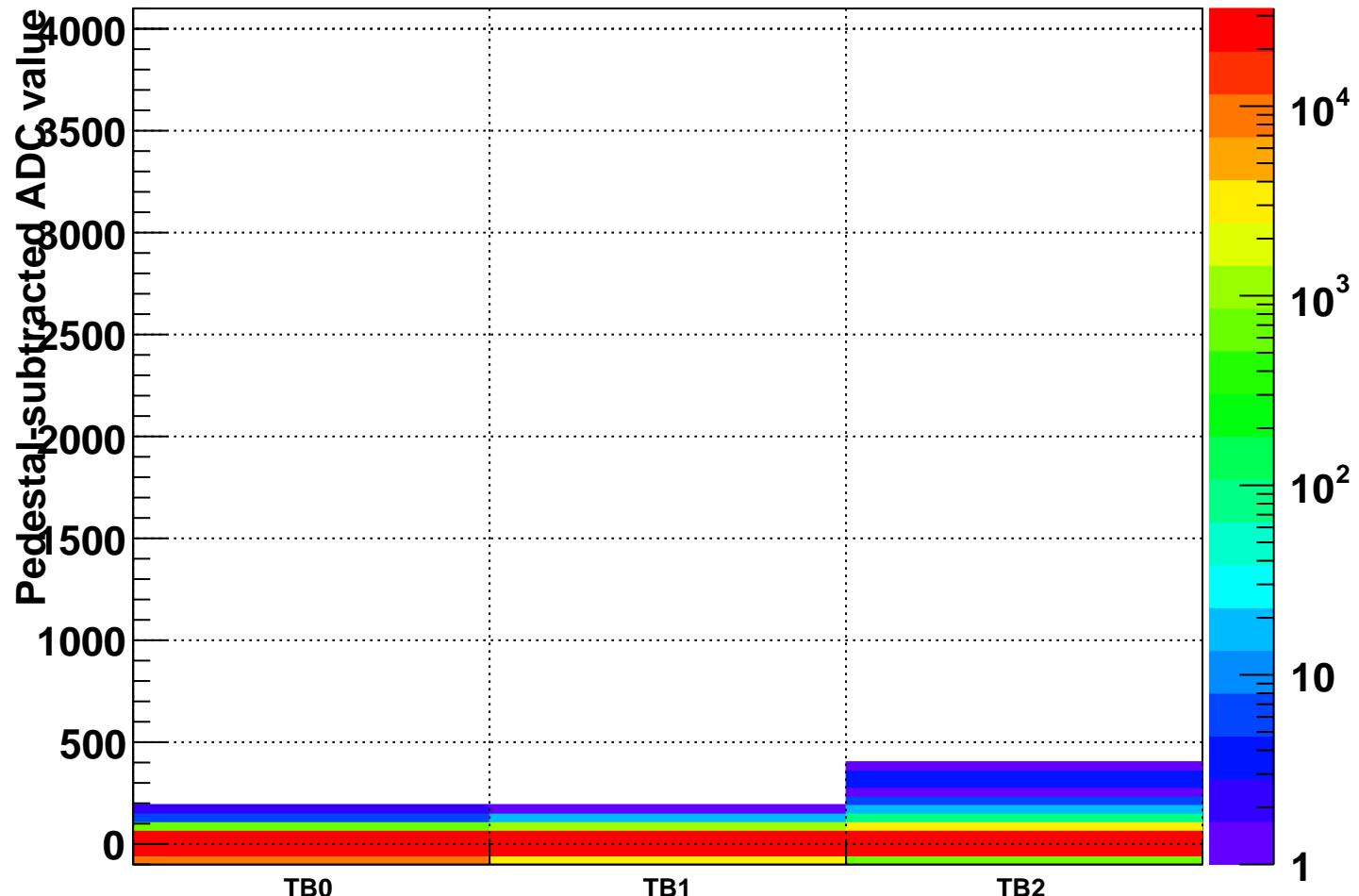
FST - ADC vs Timebin (non-ZS), Disk2 Module7: RDO4_ARM0_PORT0_SEC1



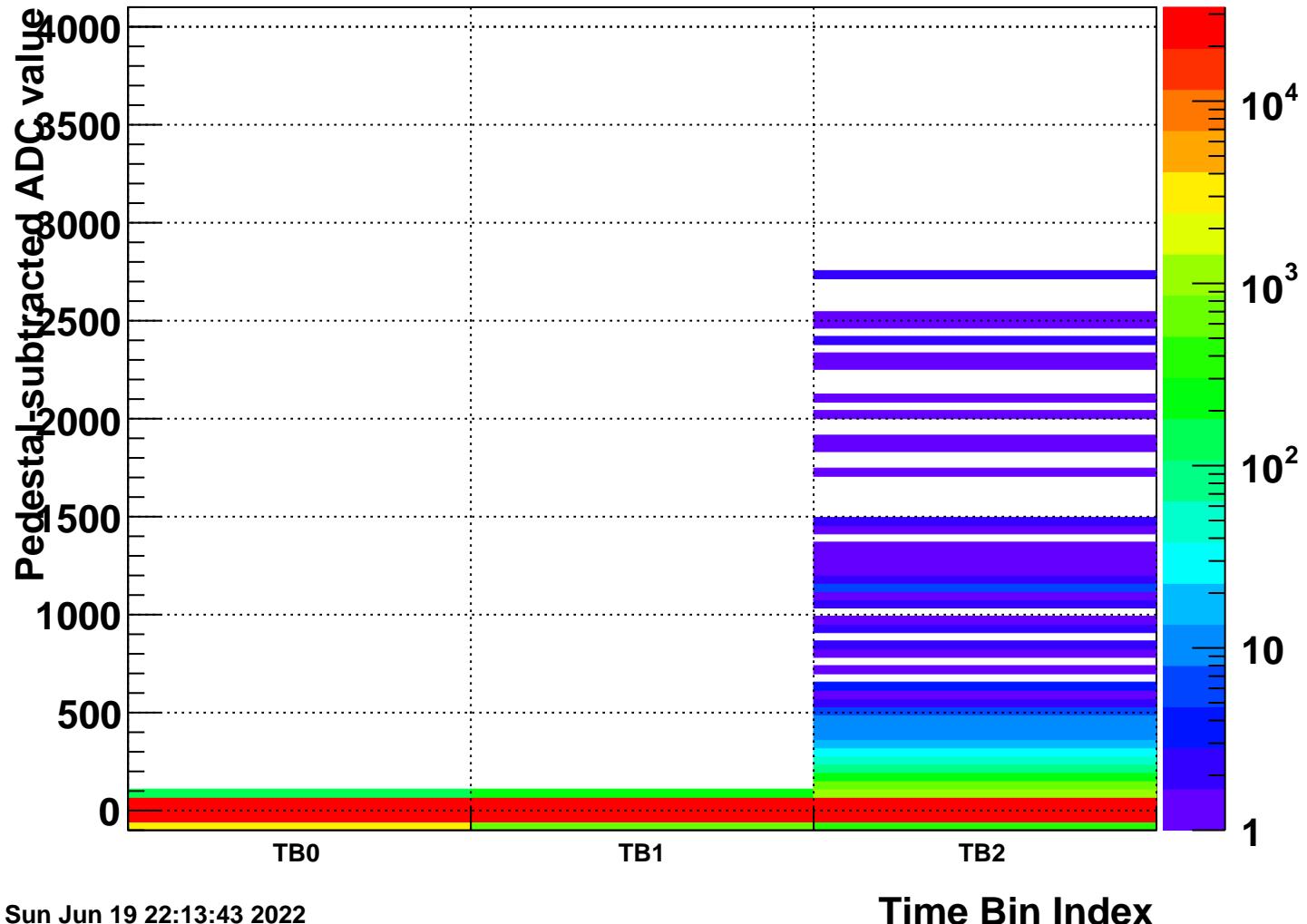
FST - ADC vs Timebin (non-ZS), Disk2 Module8: RDO4_ARM0_PORT1_SEC0



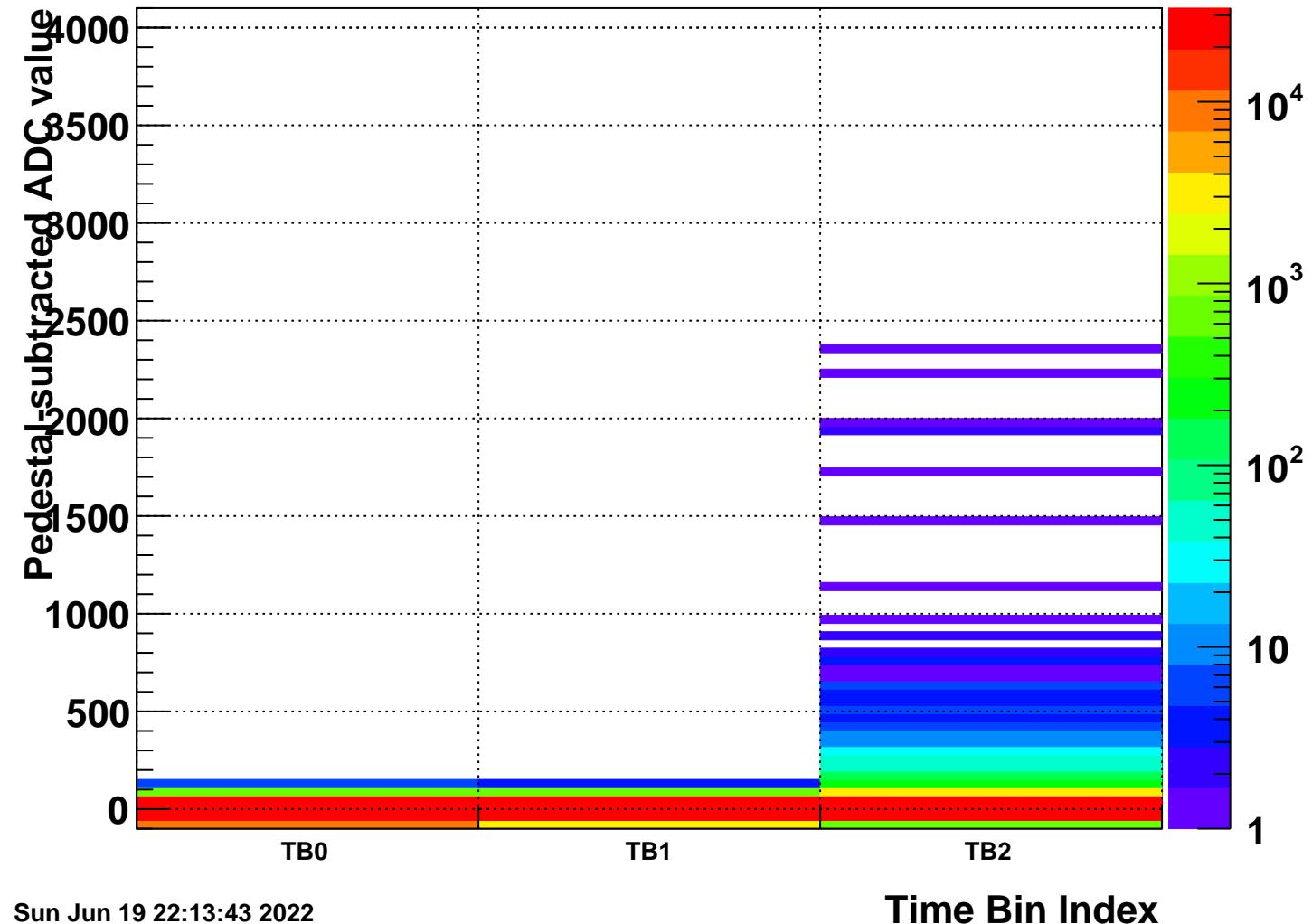
FST - ADC vs Timebin (non-ZS), Disk2 Module8: RDO4_ARM0_PORT1_SEC1



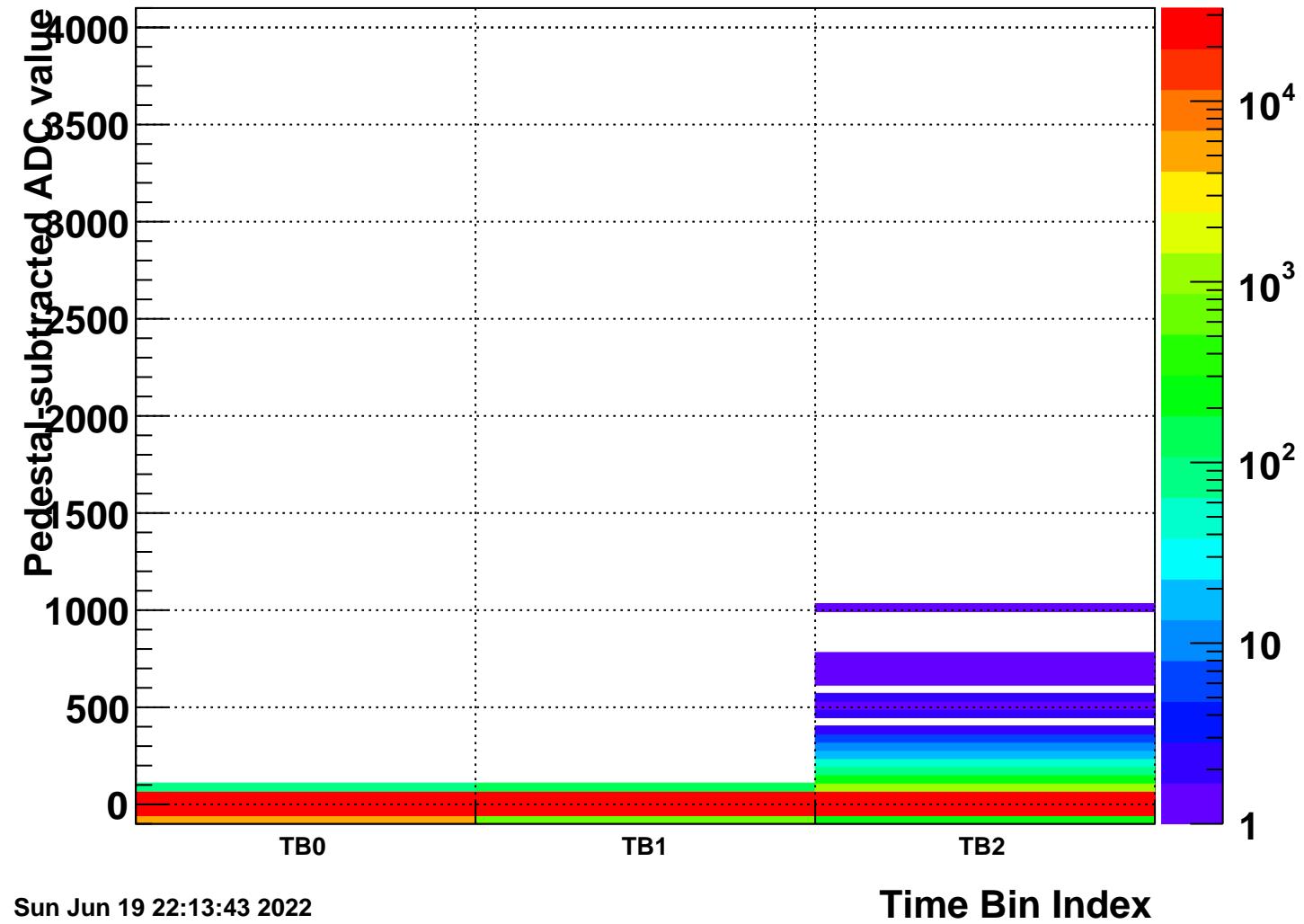
FST - ADC vs Timebin (non-ZS), Disk2 Module9: RDO4_ARM1_PORT0_SEC0



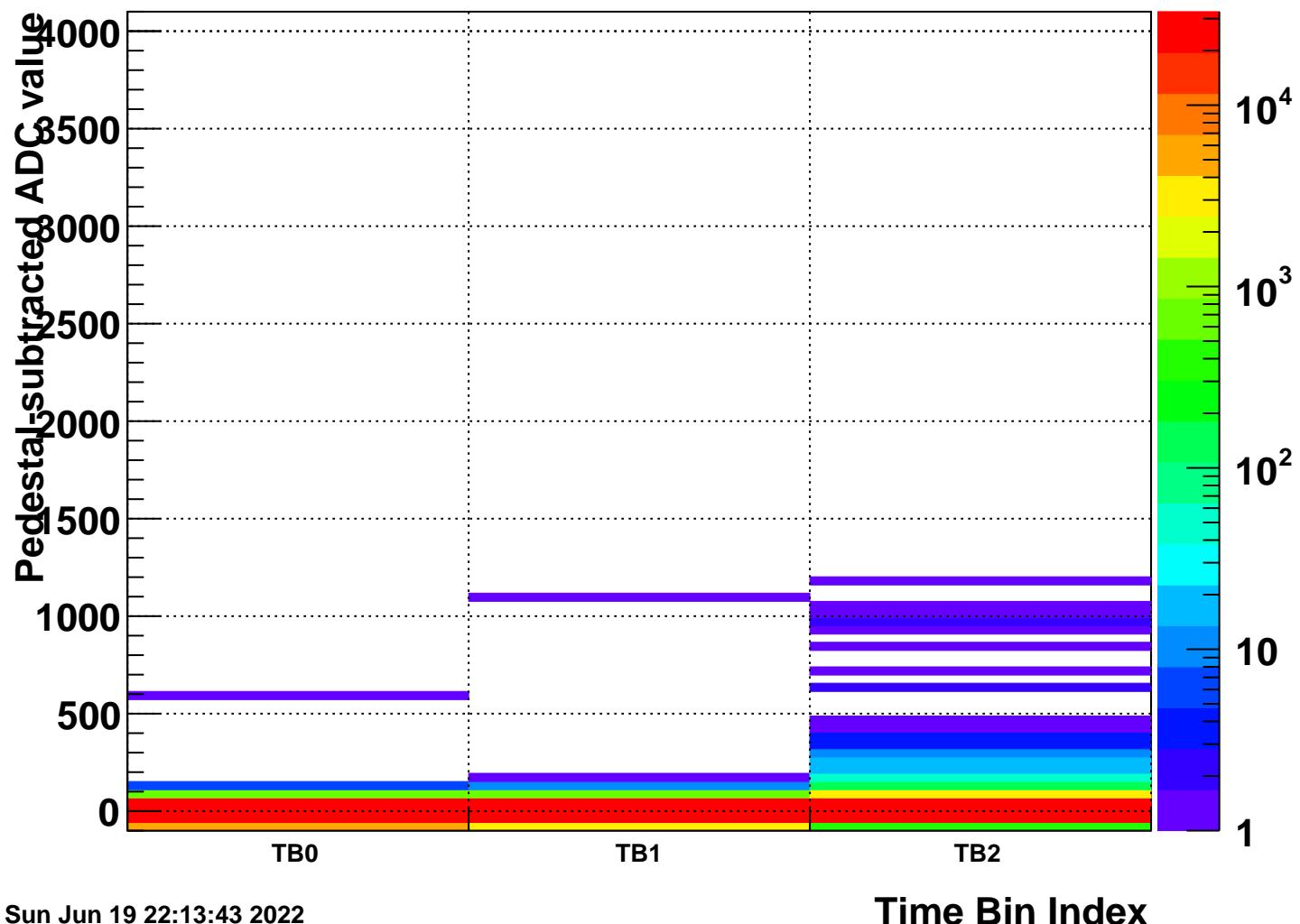
FST - ADC vs Timebin (non-ZS), Disk2 Module9: RDO4_ARM1_PORT0_SEC1



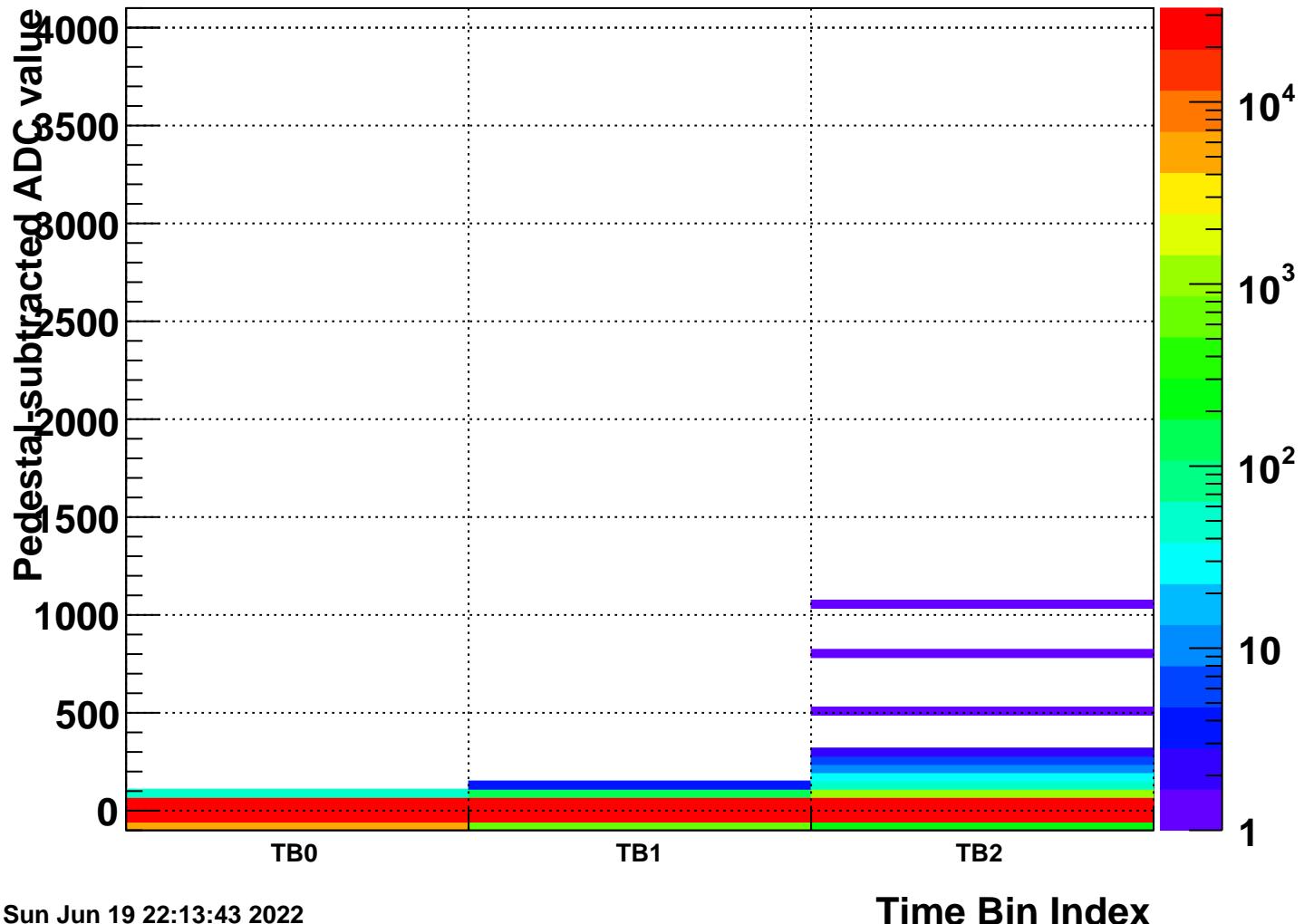
FST - ADC vs Timebin (non-ZS), Disk2 Module10: RDO4_ARM1_PORT1_SEC0



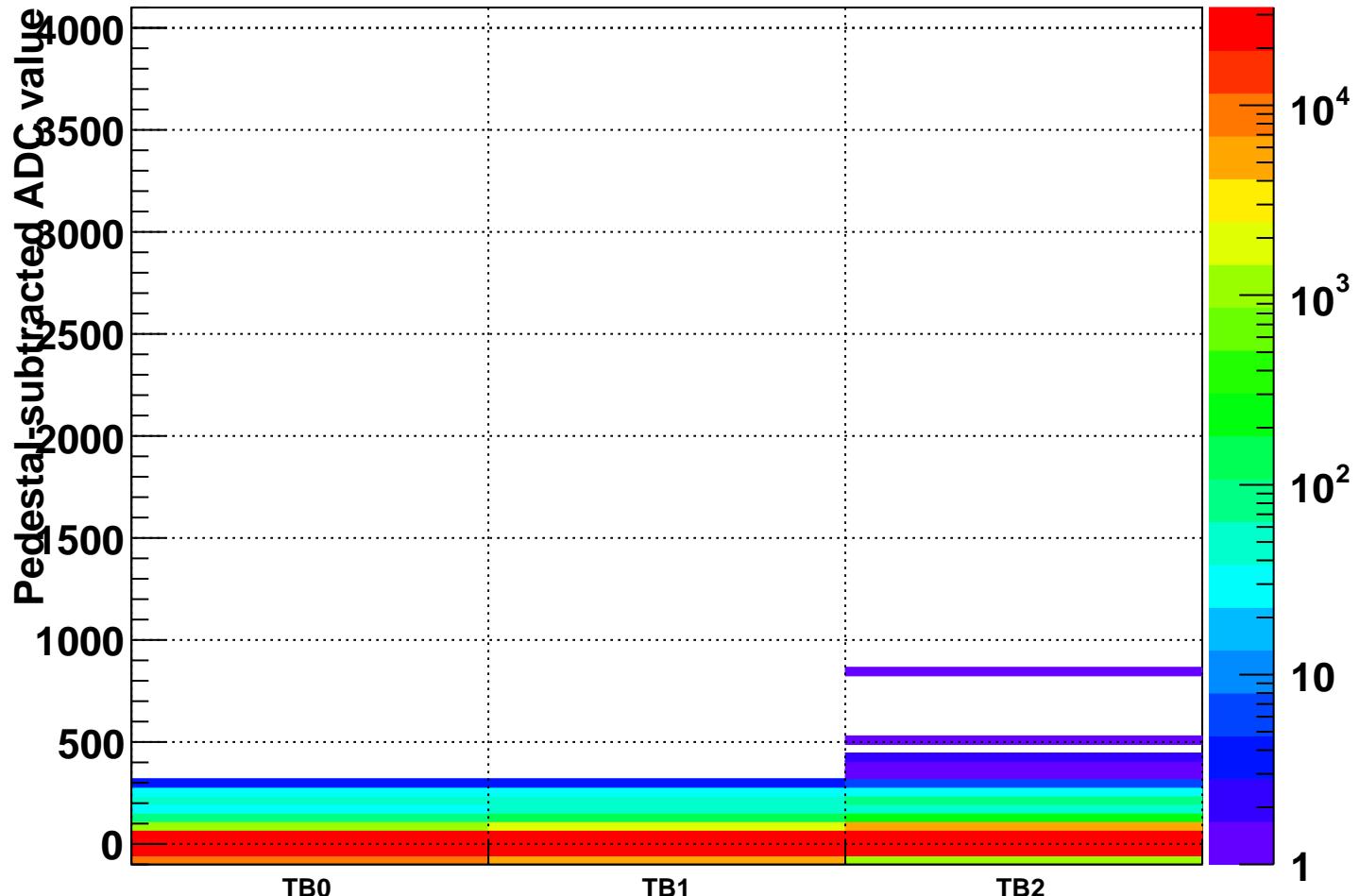
FST - ADC vs Timebin (non-ZS), Disk2 Module10: RDO4_ARM1_PORT1_SEC1



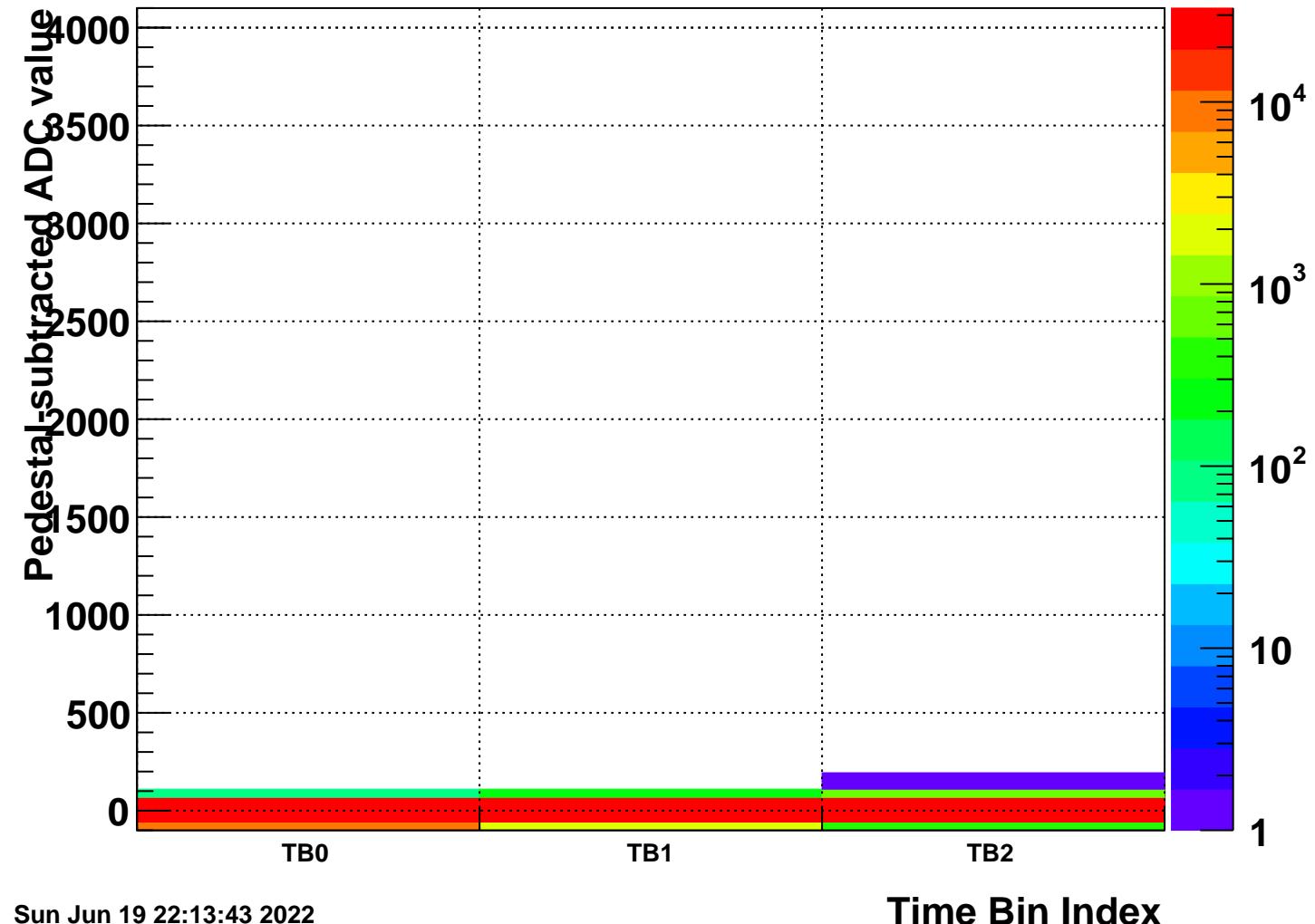
FST - ADC vs Timebin (non-ZS), Disk2 Module11: RDO4_ARM2_PORT0_SEC0



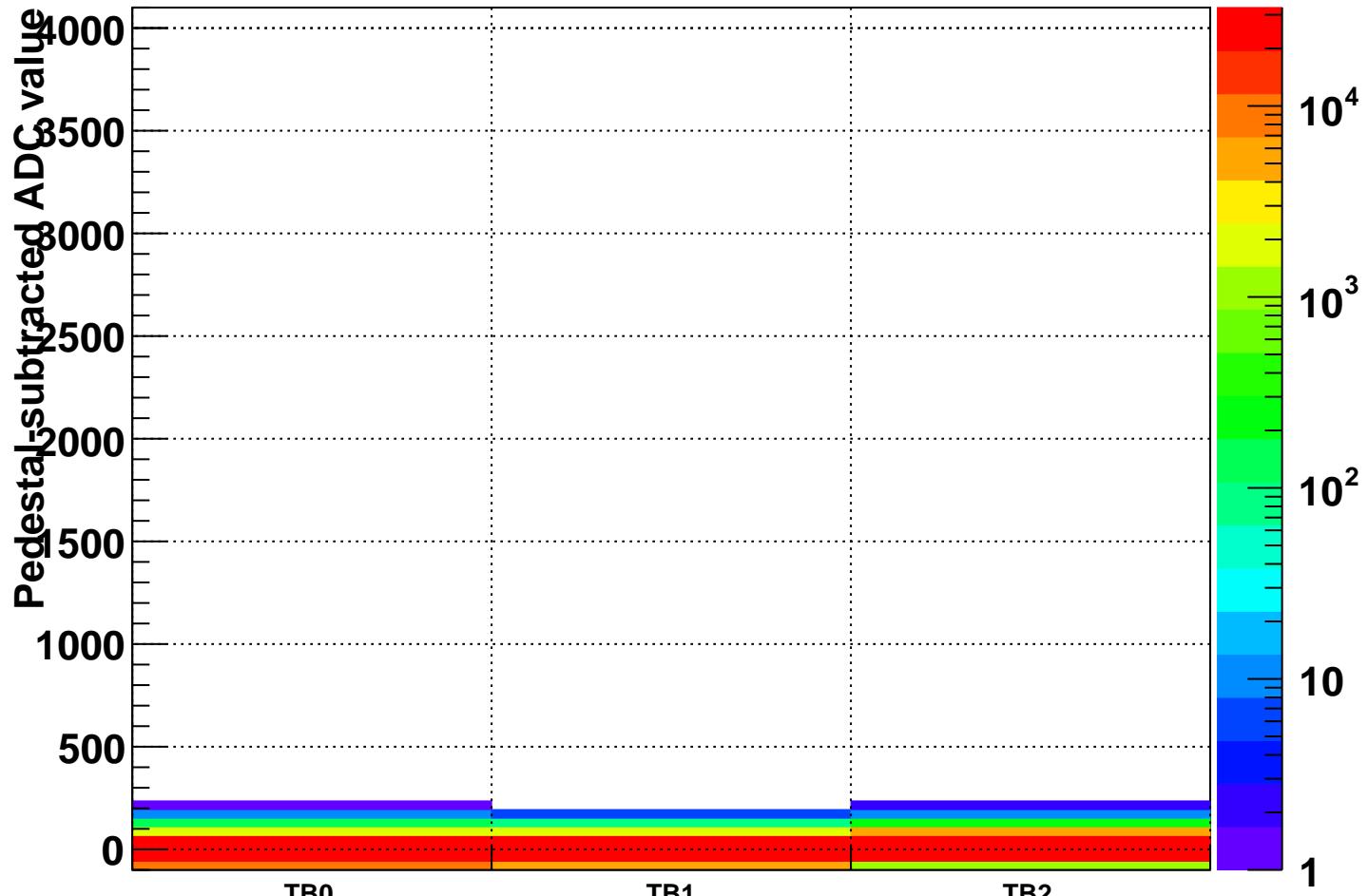
FST - ADC vs Timebin (non-ZS), Disk2 Module11: RDO4_ARM2_PORT0_SEC1



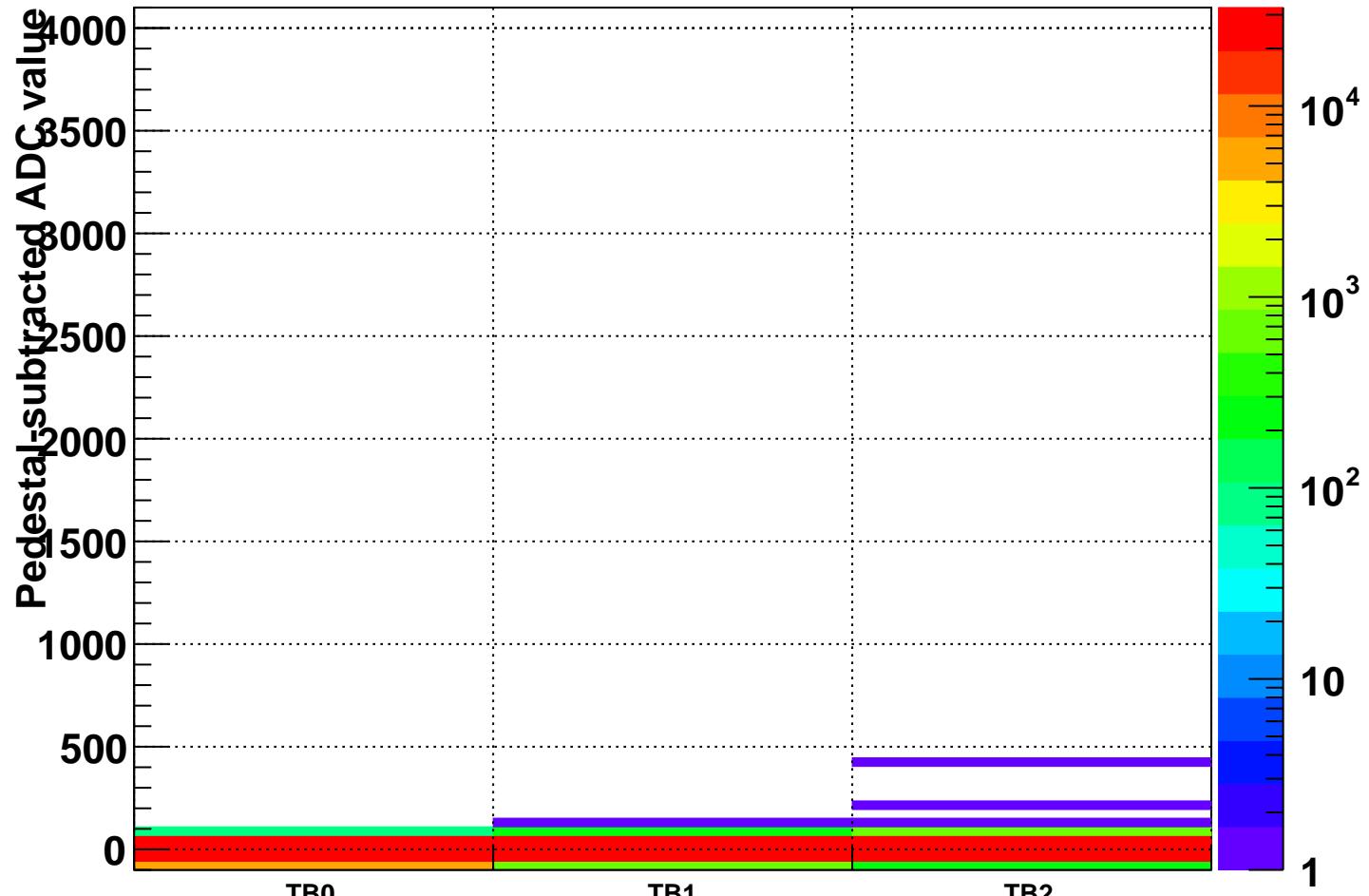
FST - ADC vs Timebin (non-ZS), Disk2 Module12: RDO4_ARM2_PORT1_SEC0



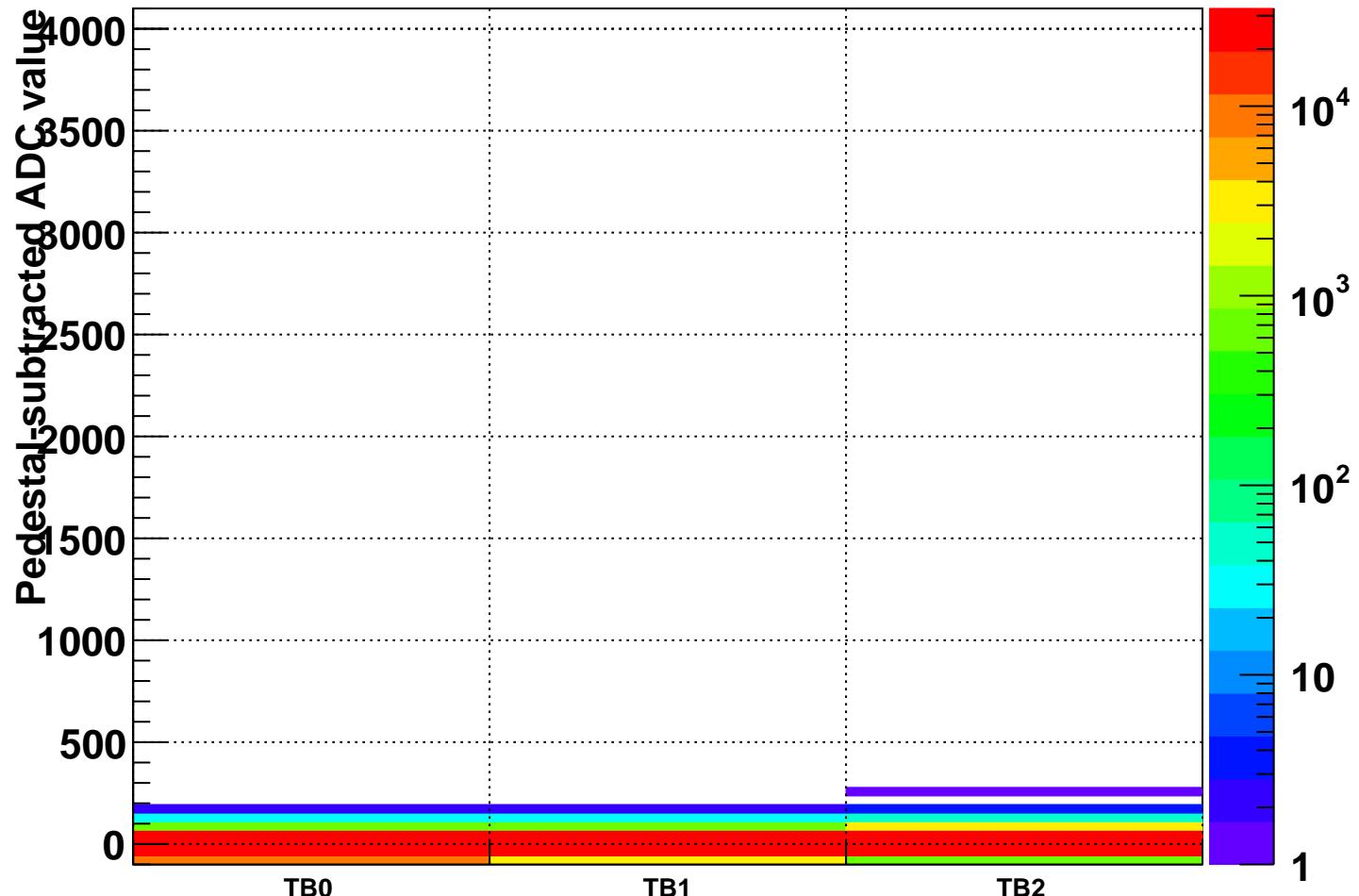
FST - ADC vs Timebin (non-ZS), Disk2 Module12: RDO4_ARM2_PORT1_SEC1



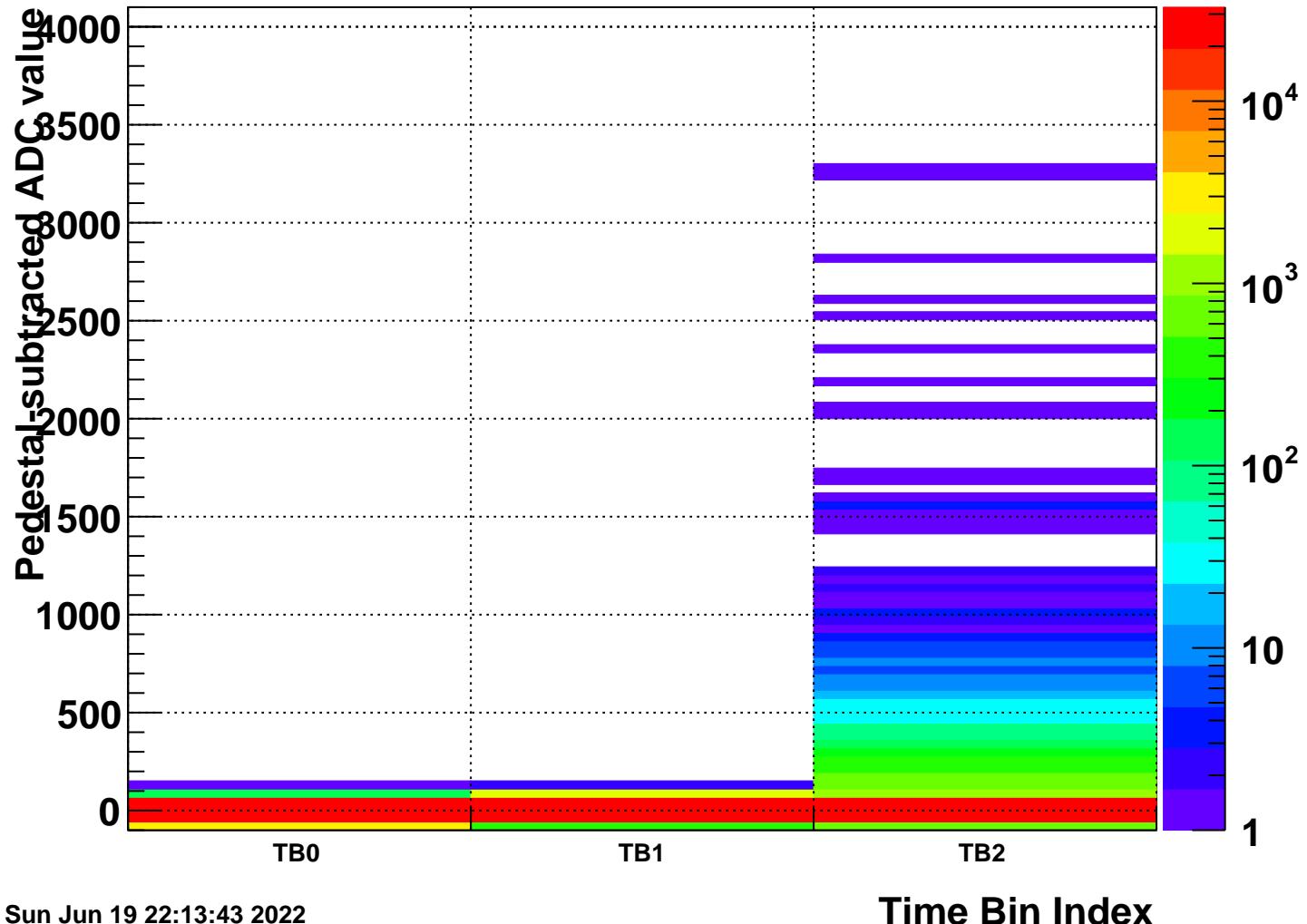
FST - ADC vs Timebin (non-ZS), Disk3 Module1: RDO5_ARM0_PORT0_SEC0



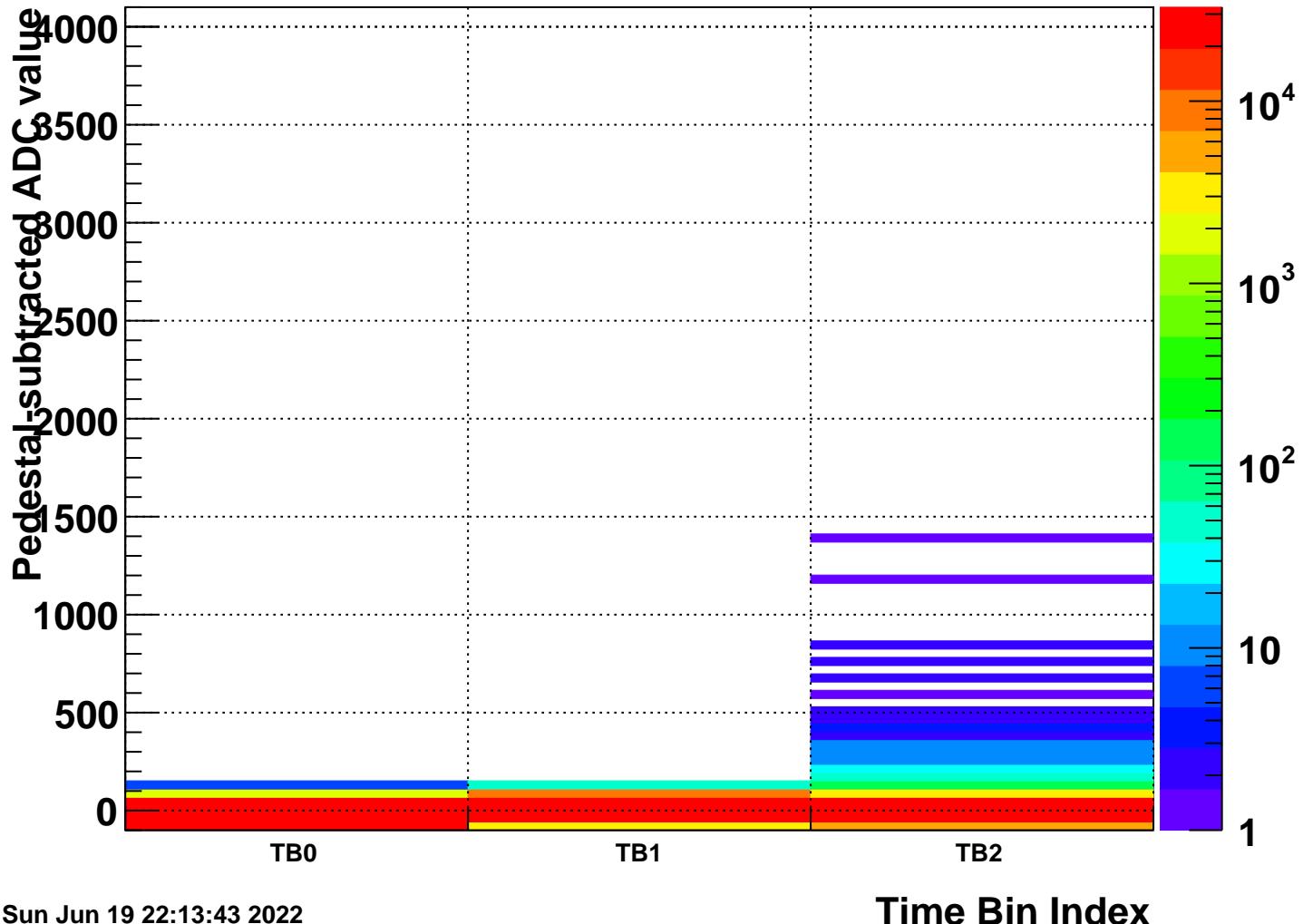
FST - ADC vs Timebin (non-ZS), Disk3 Module1: RDO5_ARM0_PORT0_SEC1



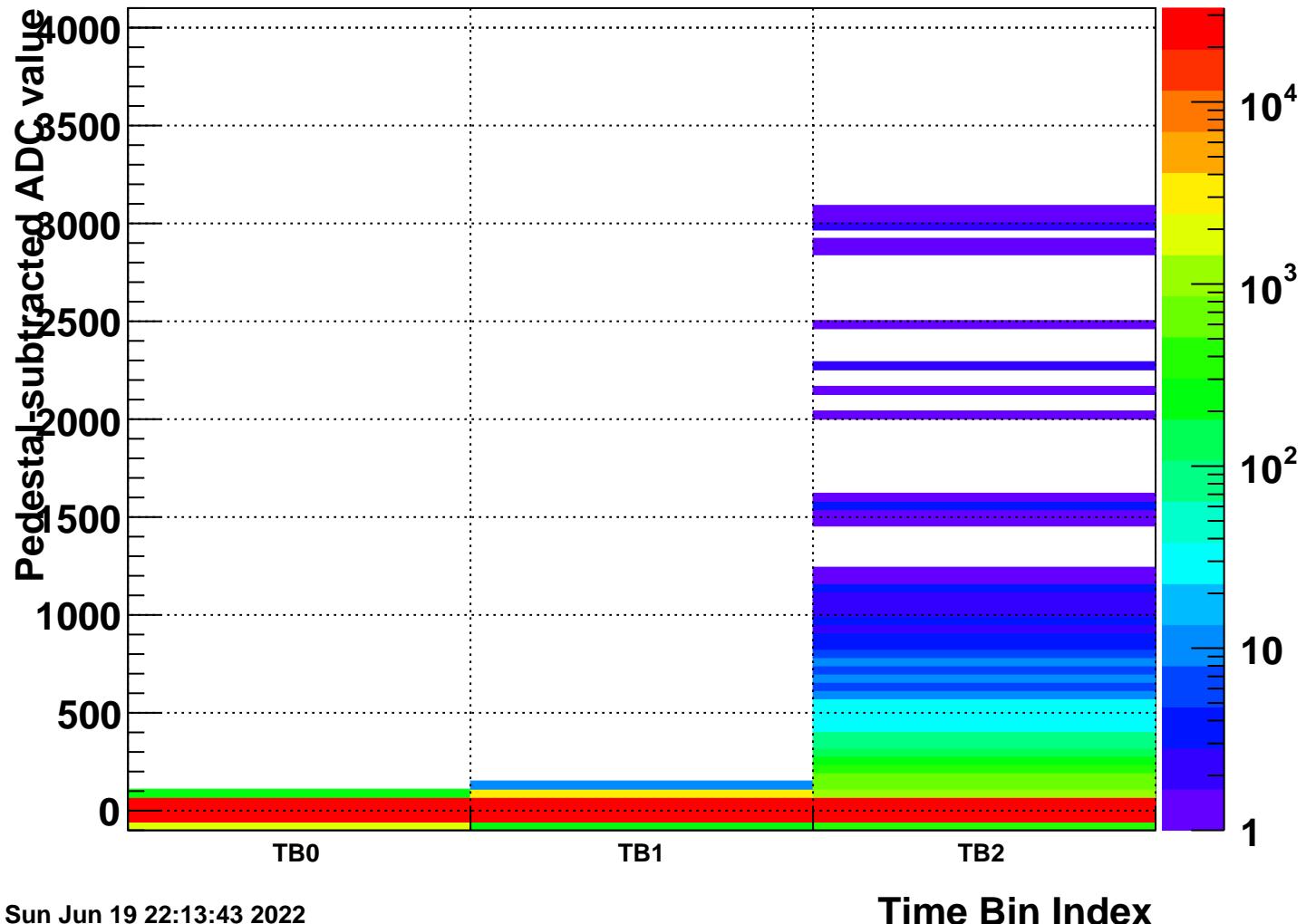
FST - ADC vs Timebin (non-ZS), Disk3 Module2: RDO5_ARM0_PORT1_SEC0



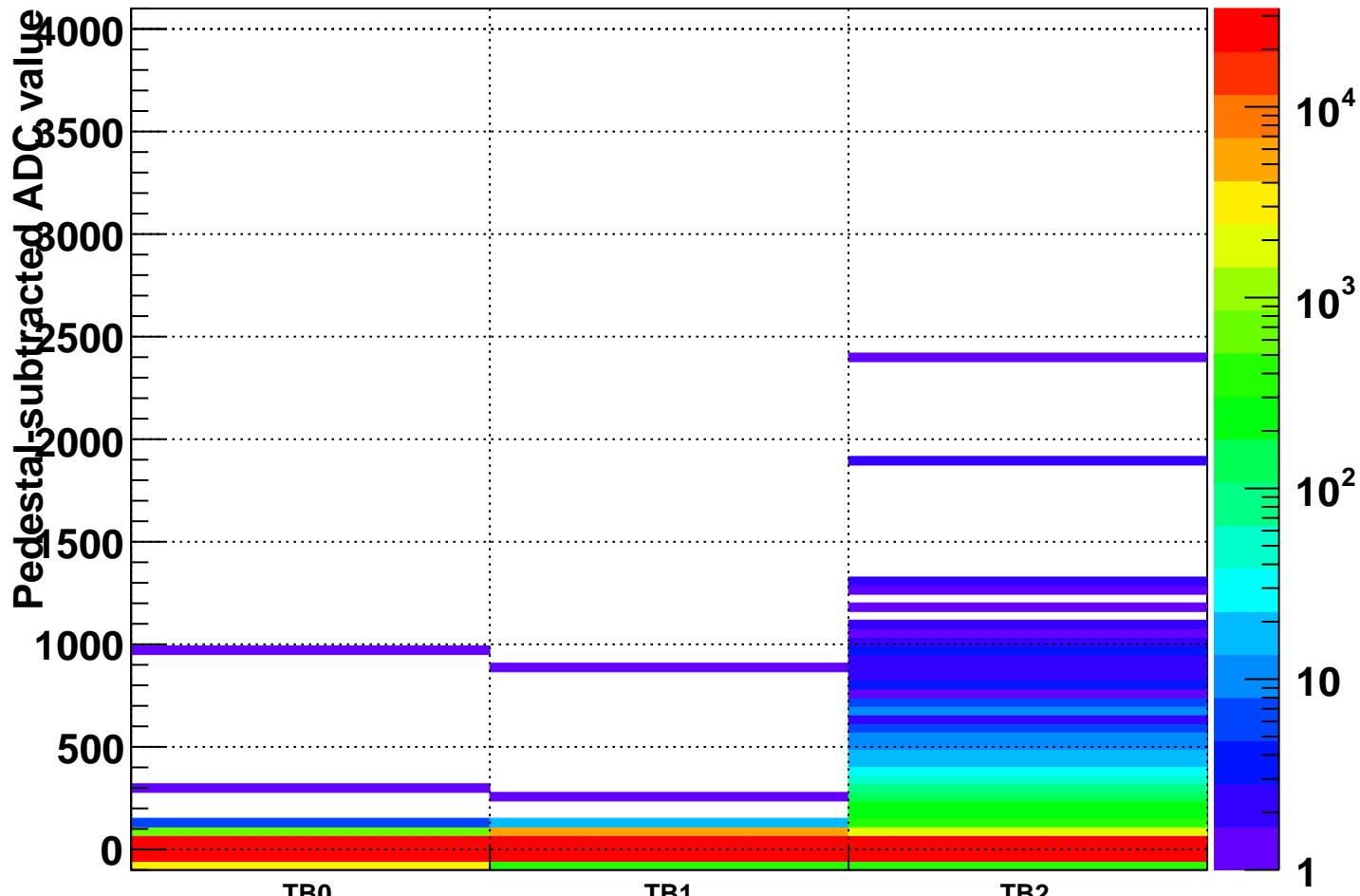
FST - ADC vs Timebin (non-ZS), Disk3 Module2: RDO5_ARM0_PORT1_SEC1



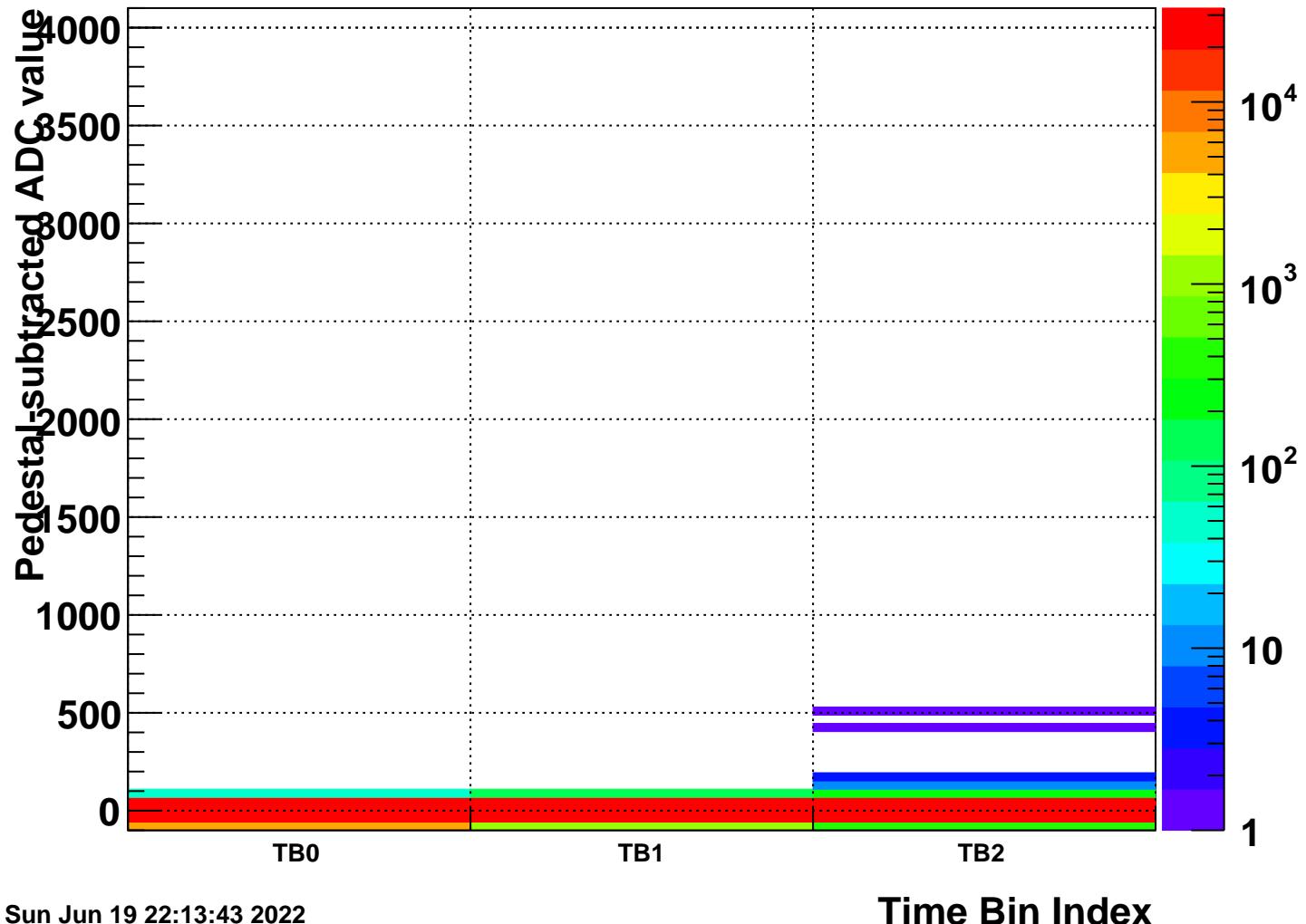
FST - ADC vs Timebin (non-ZS), Disk3 Module3: RDO5_ARM1_PORT0_SEC0



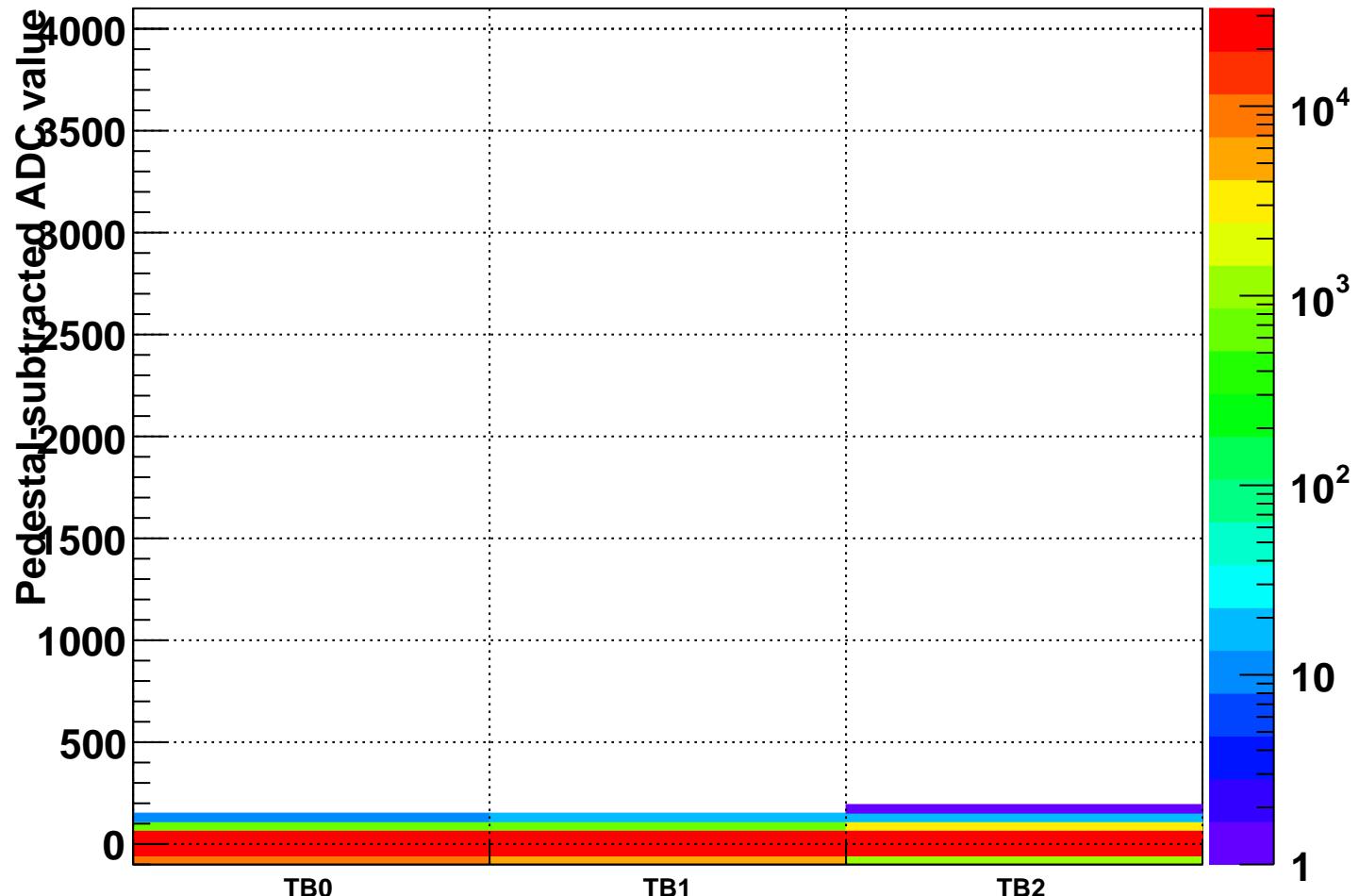
FST - ADC vs Timebin (non-ZS), Disk3 Module3: RDO5_ARM1_PORT0_SEC1



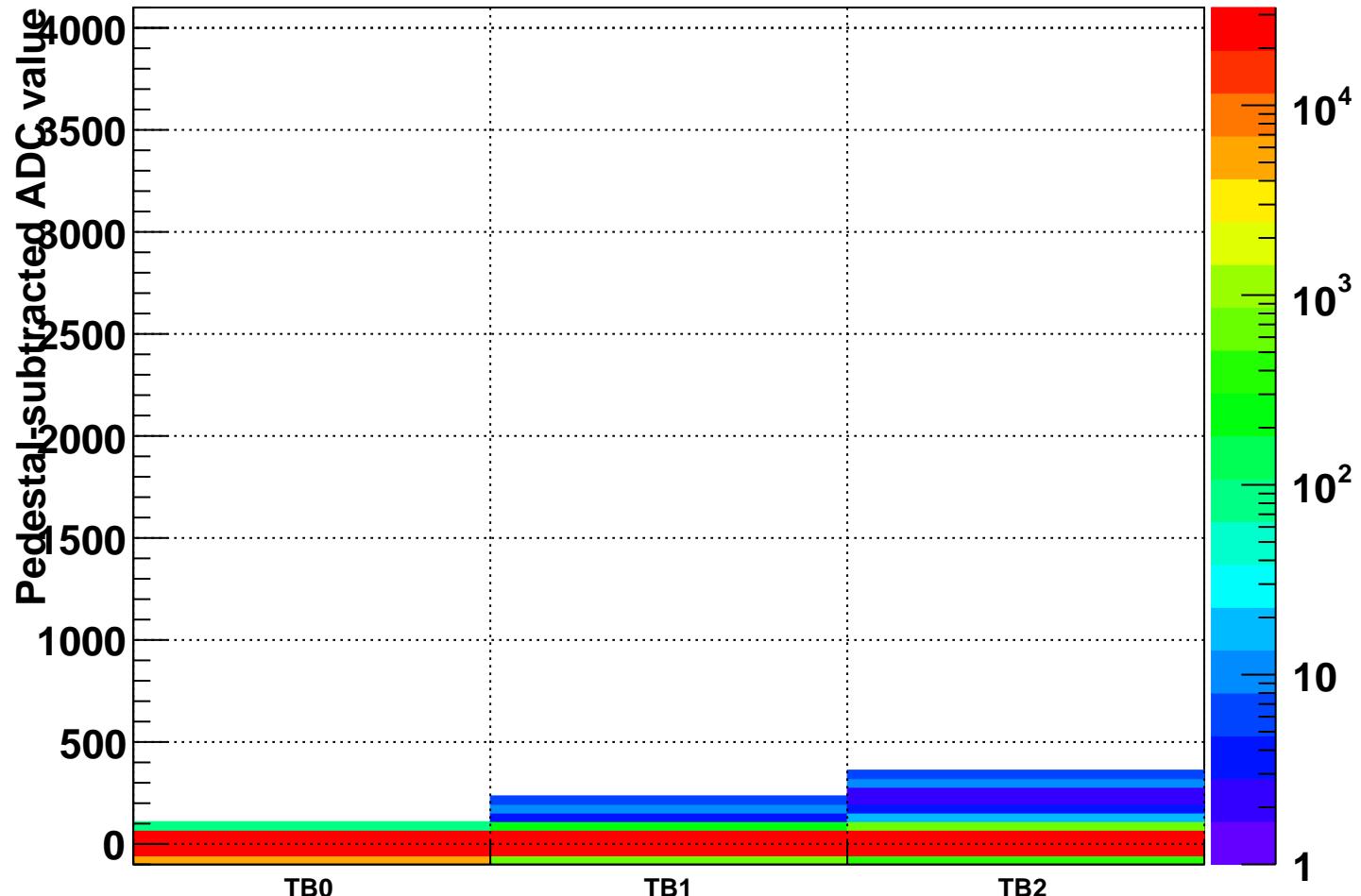
FST - ADC vs Timebin (non-ZS), Disk3 Module4: RDO5_ARM1_PORT1_SEC0



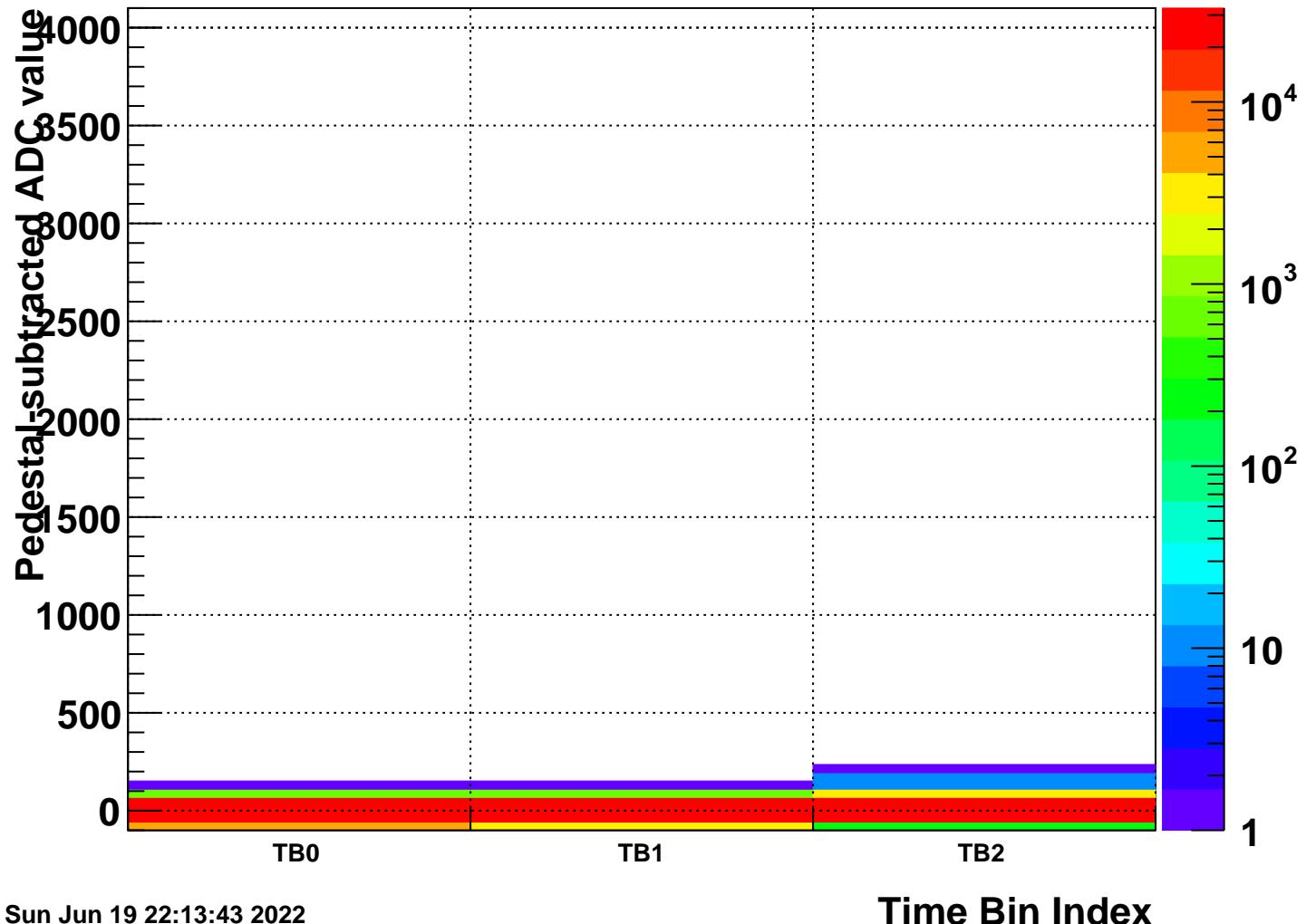
FST - ADC vs Timebin (non-ZS), Disk3 Module4: RDO5_ARM1_PORT1_SEC1



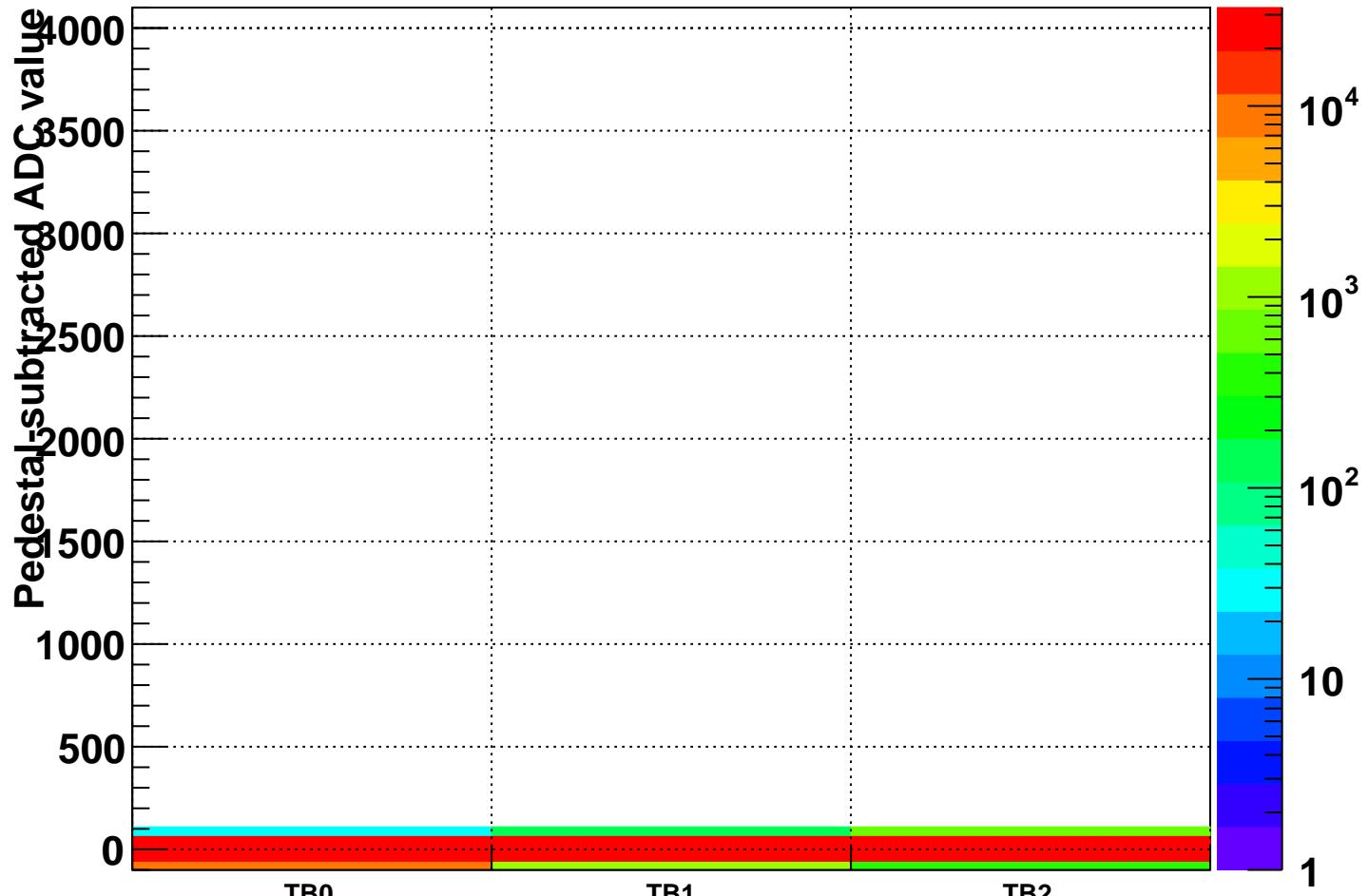
FST - ADC vs Timebin (non-ZS), Disk3 Module5: RDO5_ARM2_PORT0_SEC0



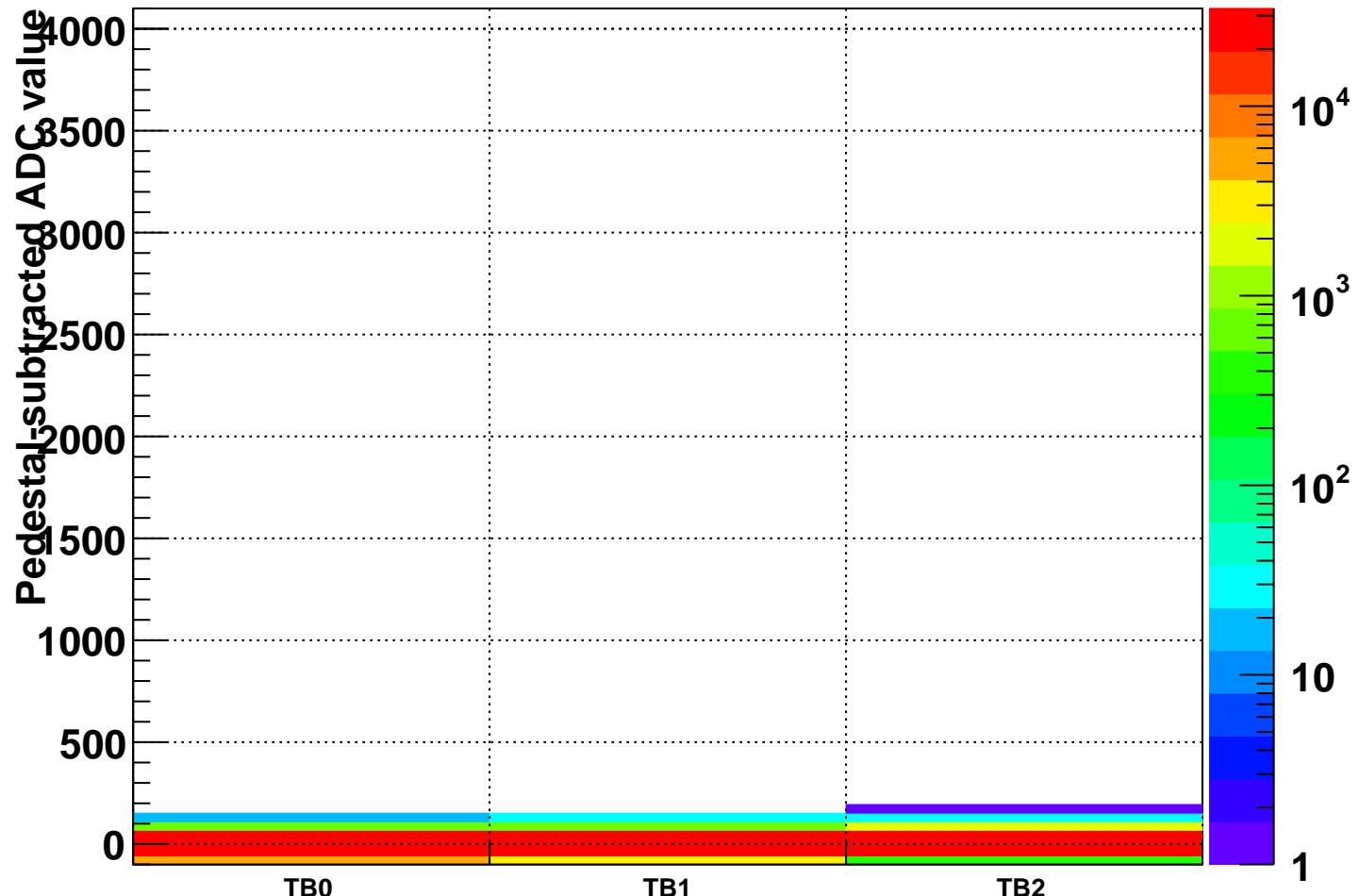
FST - ADC vs Timebin (non-ZS), Disk3 Module5: RDO5_ARM2_PORT0_SEC1



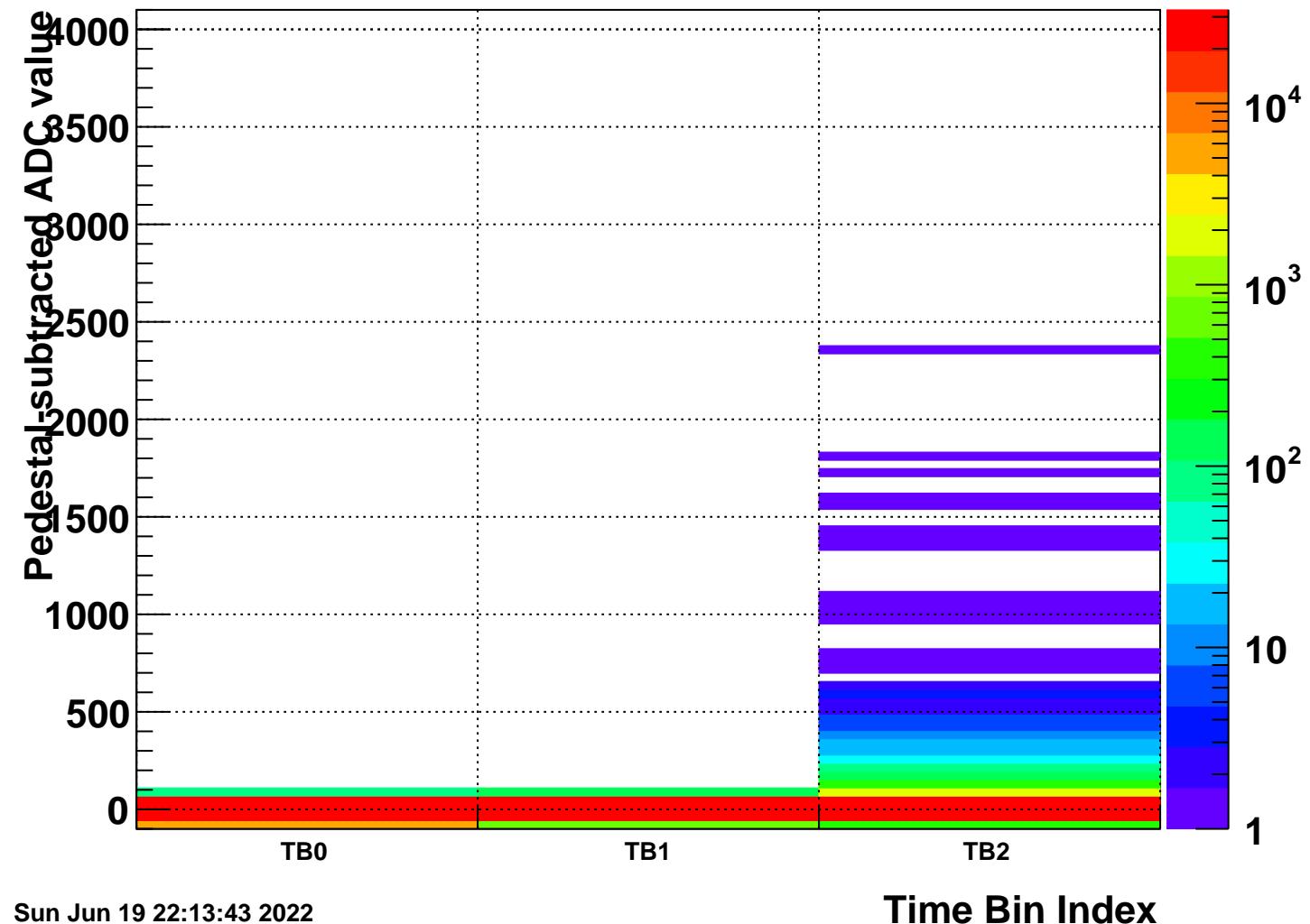
FST - ADC vs Timebin (non-ZS), Disk3 Module6: RDO5_ARM2_PORT1_SEC0



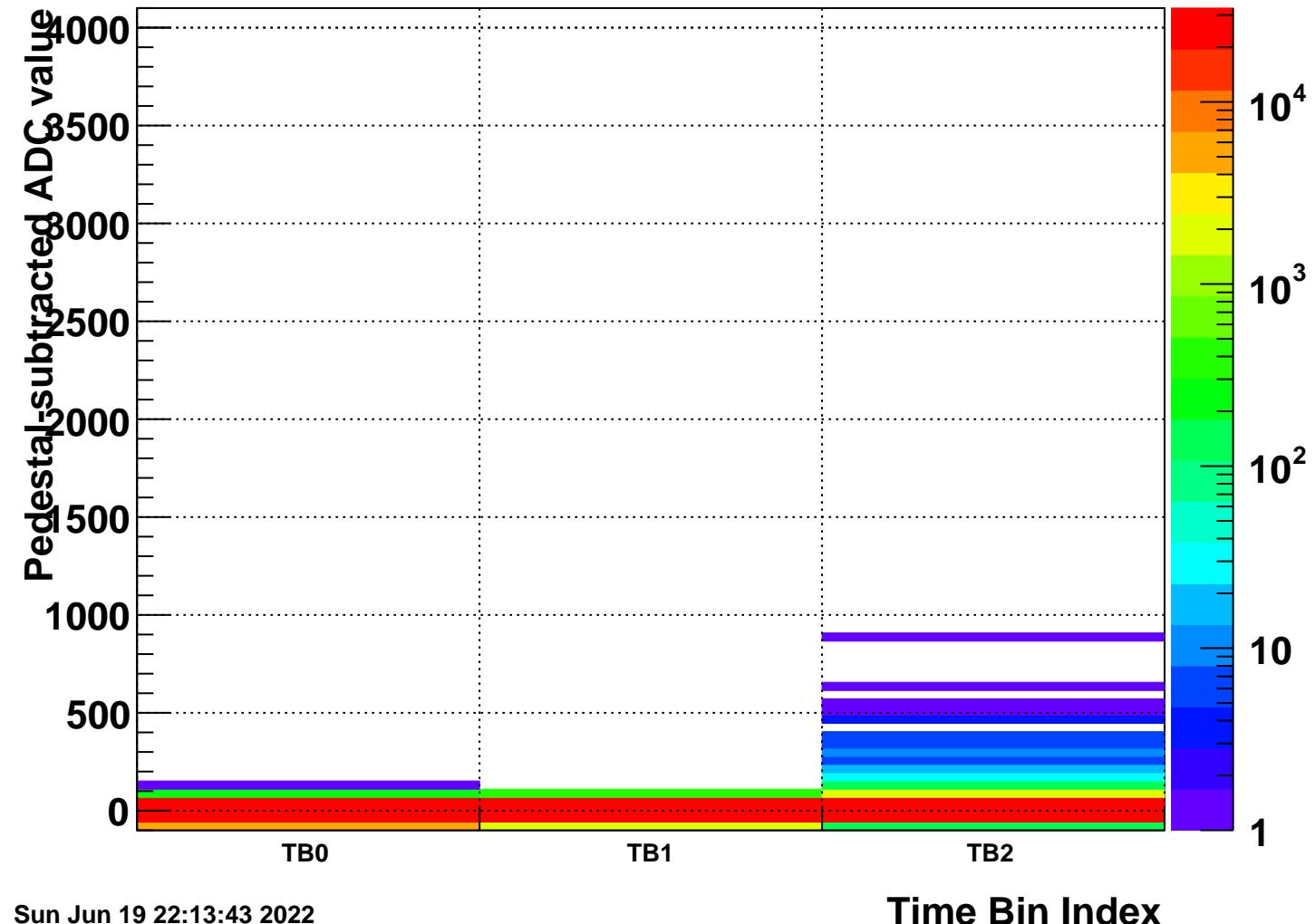
FST - ADC vs Timebin (non-ZS), Disk3 Module6: RDO5_ARM2_PORT1_SEC1



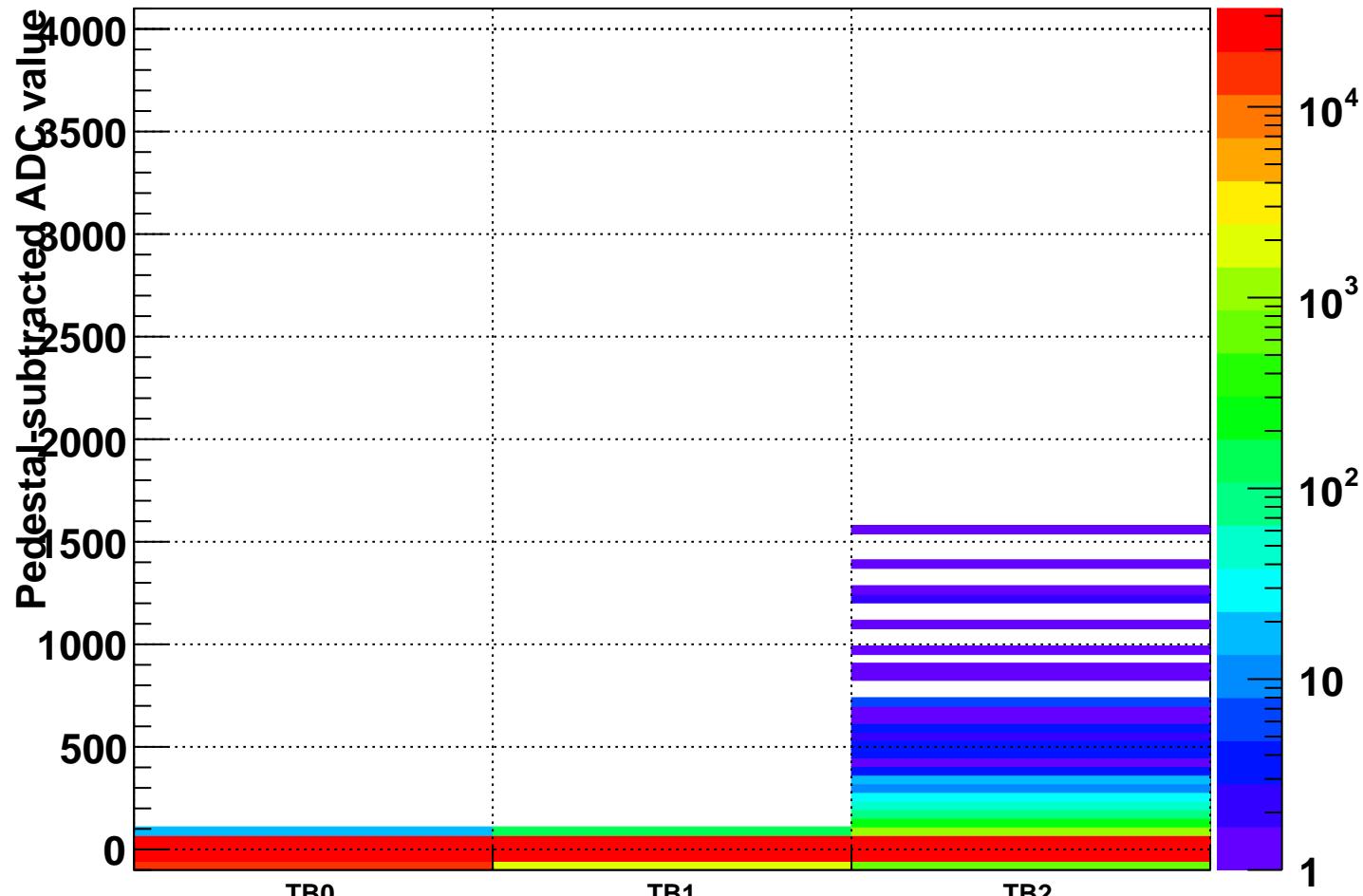
FST - ADC vs Timebin (non-ZS), Disk3 Module7: RDO6_ARM0_PORT0_SEC0



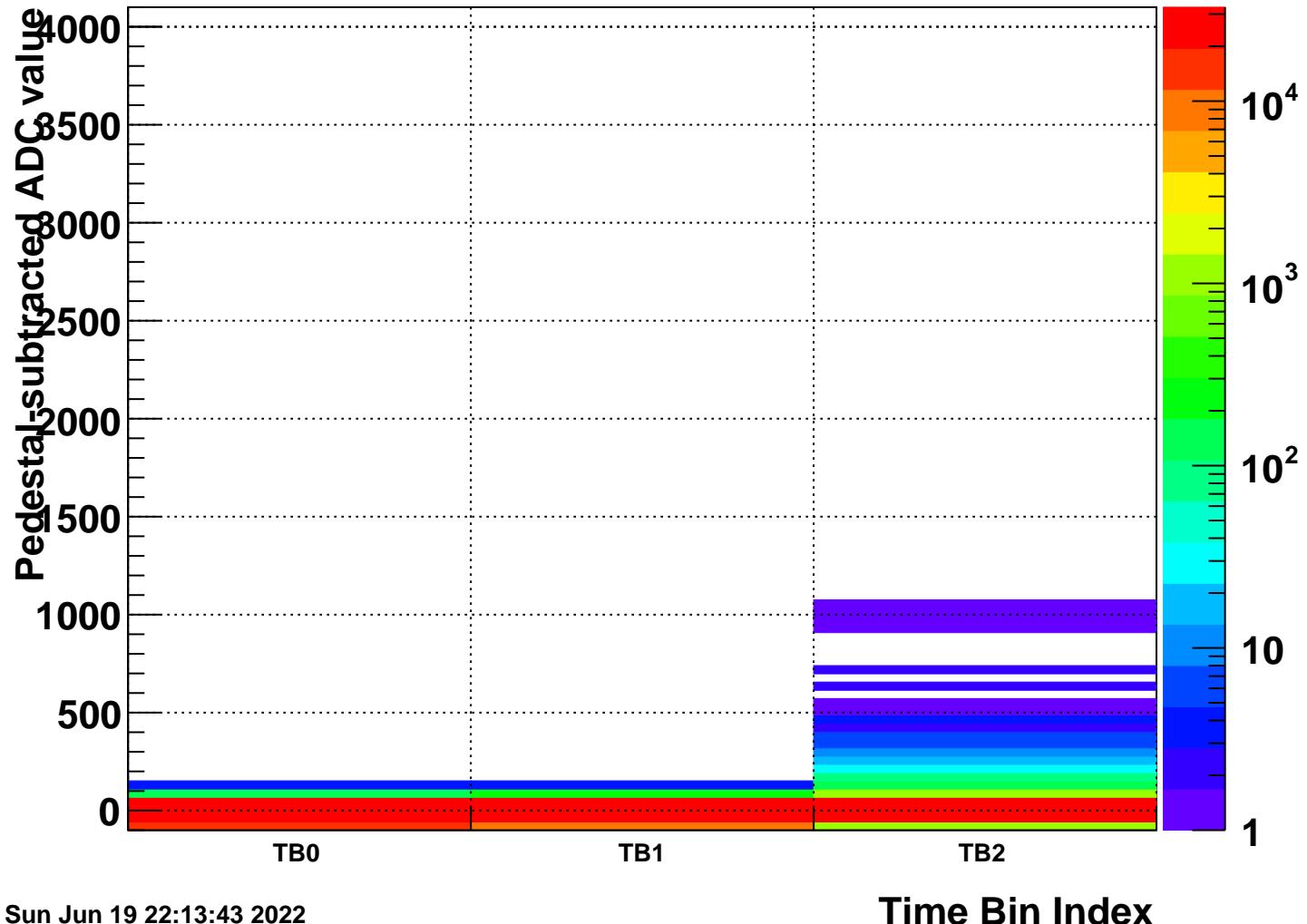
FST - ADC vs Timebin (non-ZS), Disk3 Module7: RDO6_ARM0_PORT0_SEC1



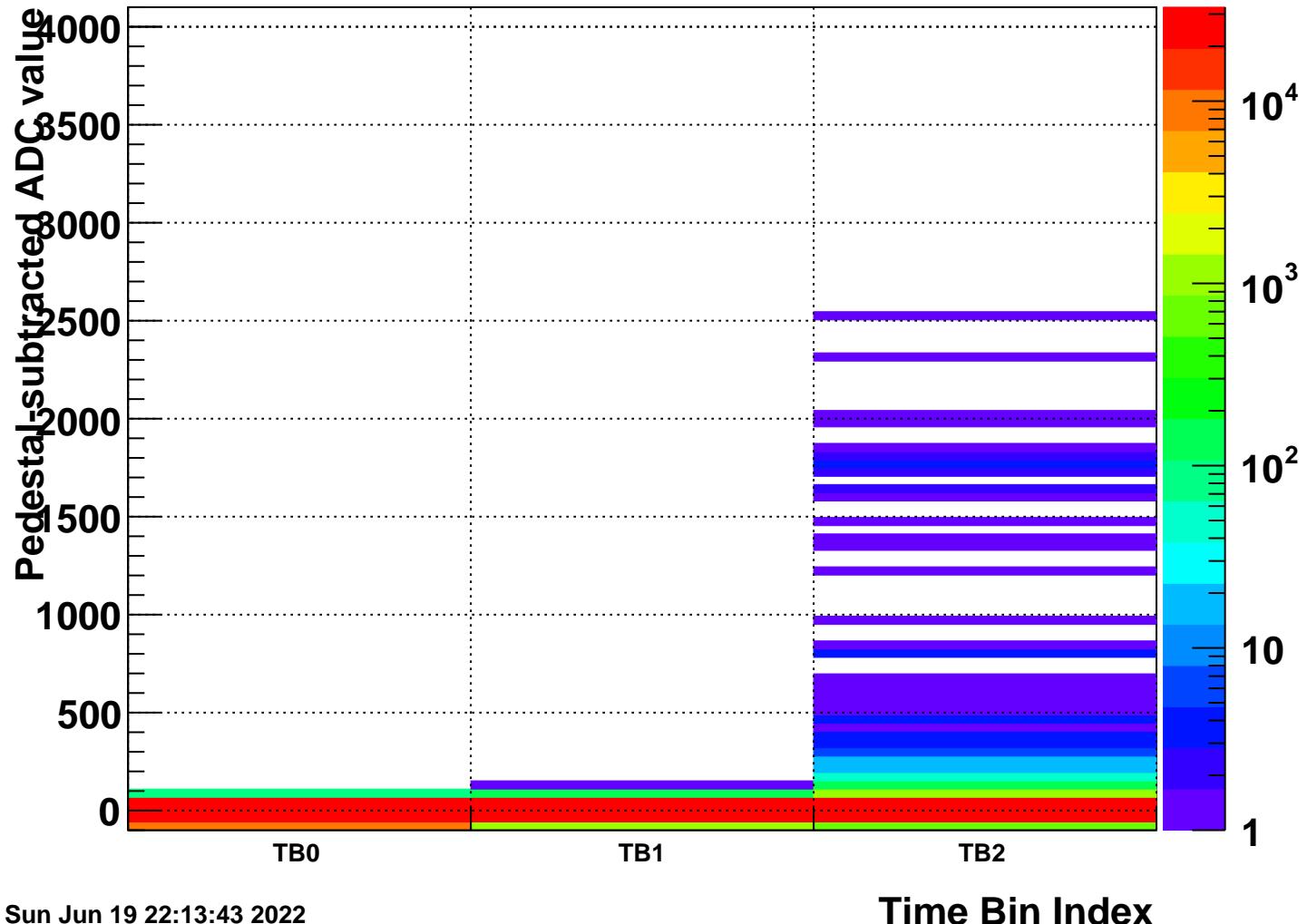
FST - ADC vs Timebin (non-ZS), Disk3 Module8: RDO6_ARM0_PORT1_SEC0



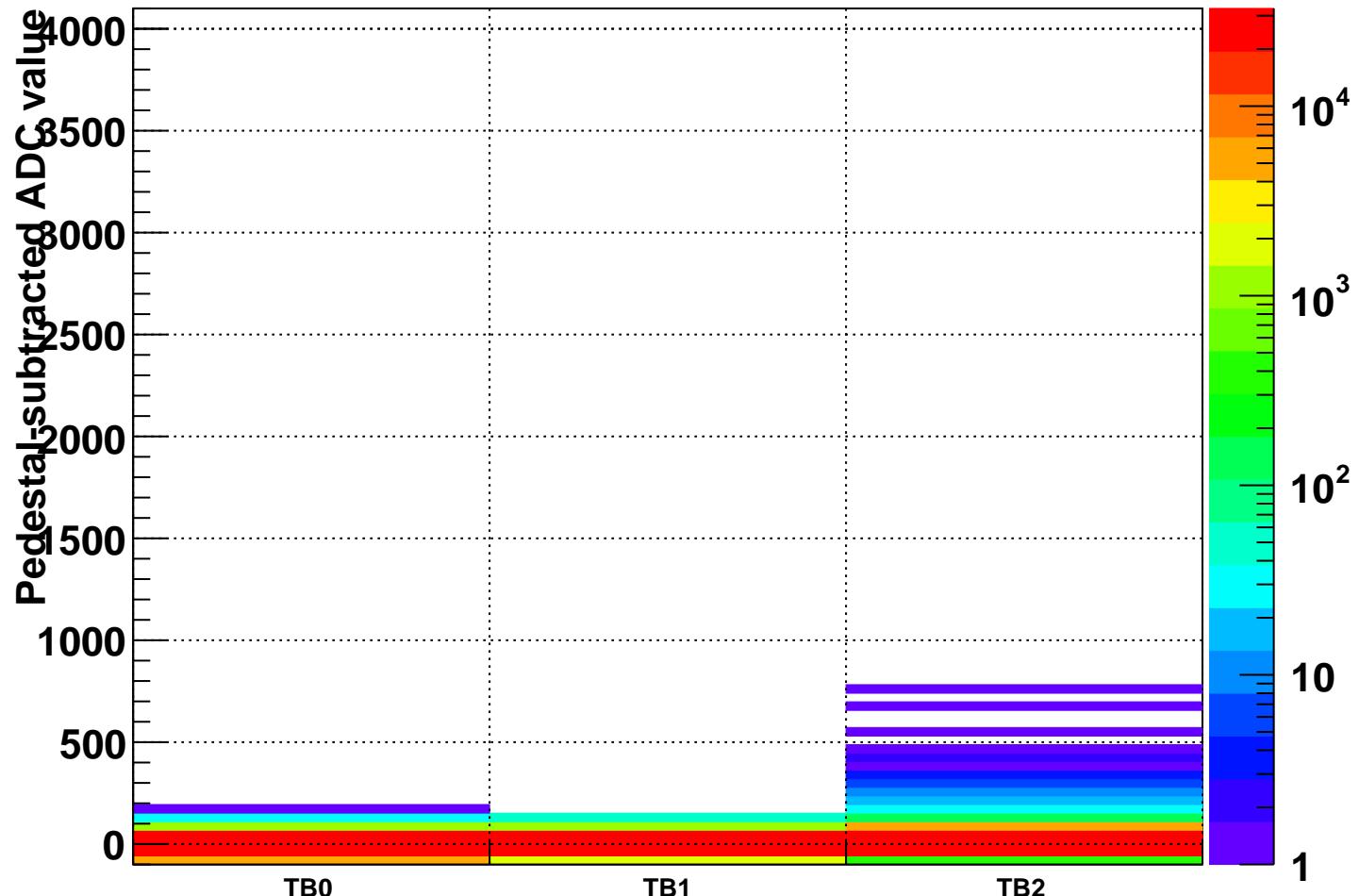
FST - ADC vs Timebin (non-ZS), Disk3 Module8: RDO6_ARM0_PORT1_SEC1



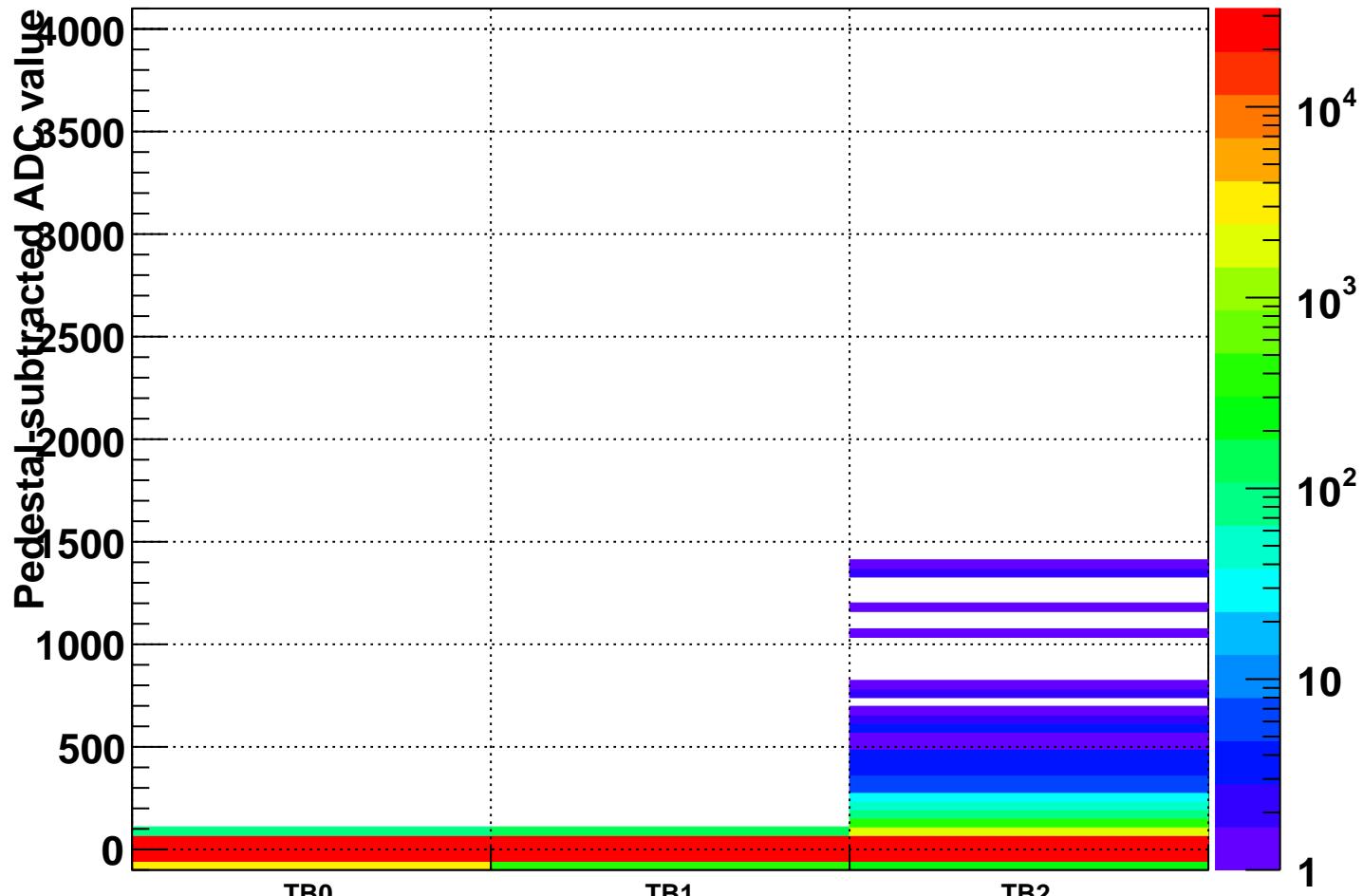
FST - ADC vs Timebin (non-ZS), Disk3 Module9: RDO6_ARM1_PORT0_SEC0



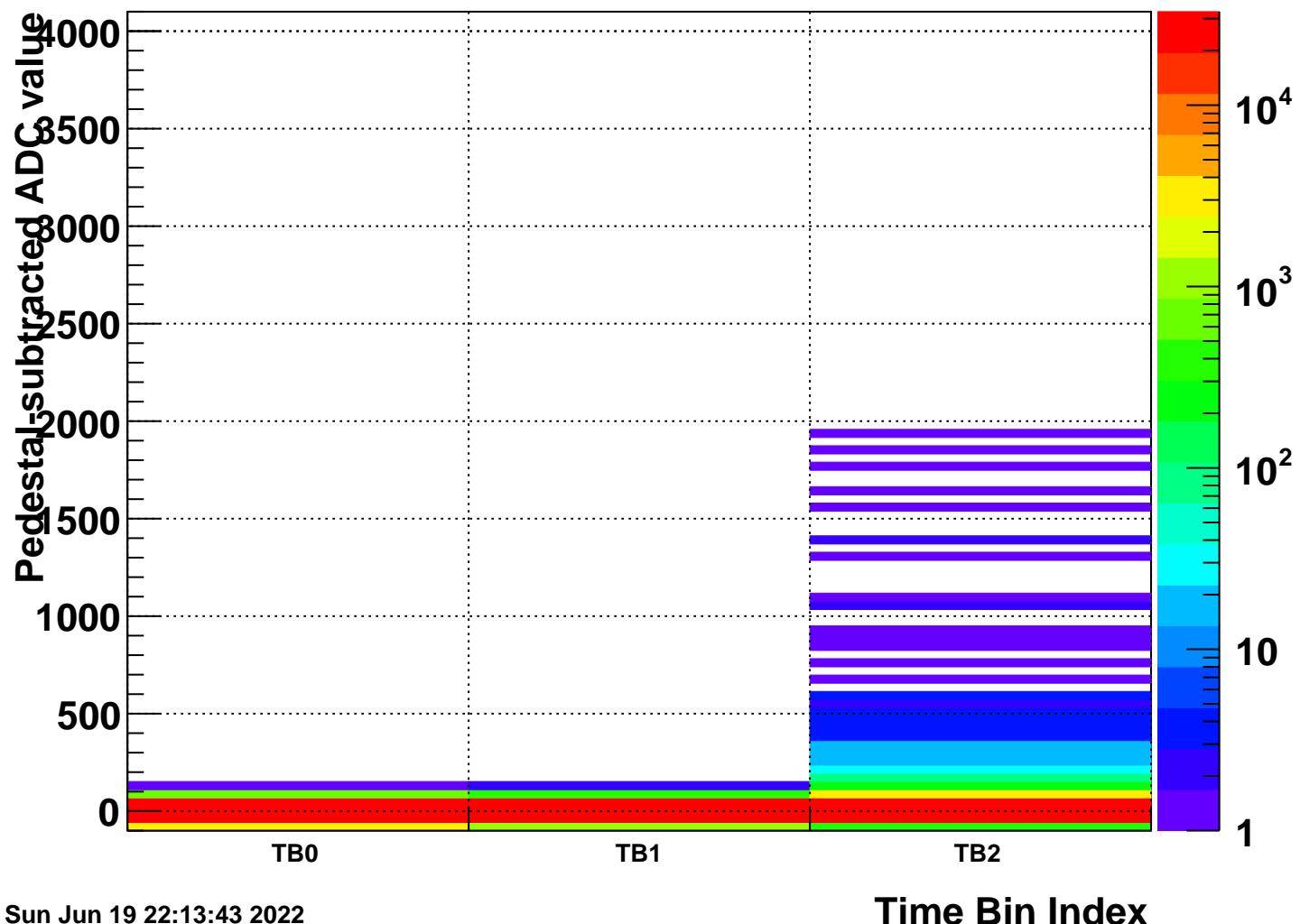
FST - ADC vs Timebin (non-ZS), Disk3 Module9: RDO6_ARM1_PORT0_SEC1



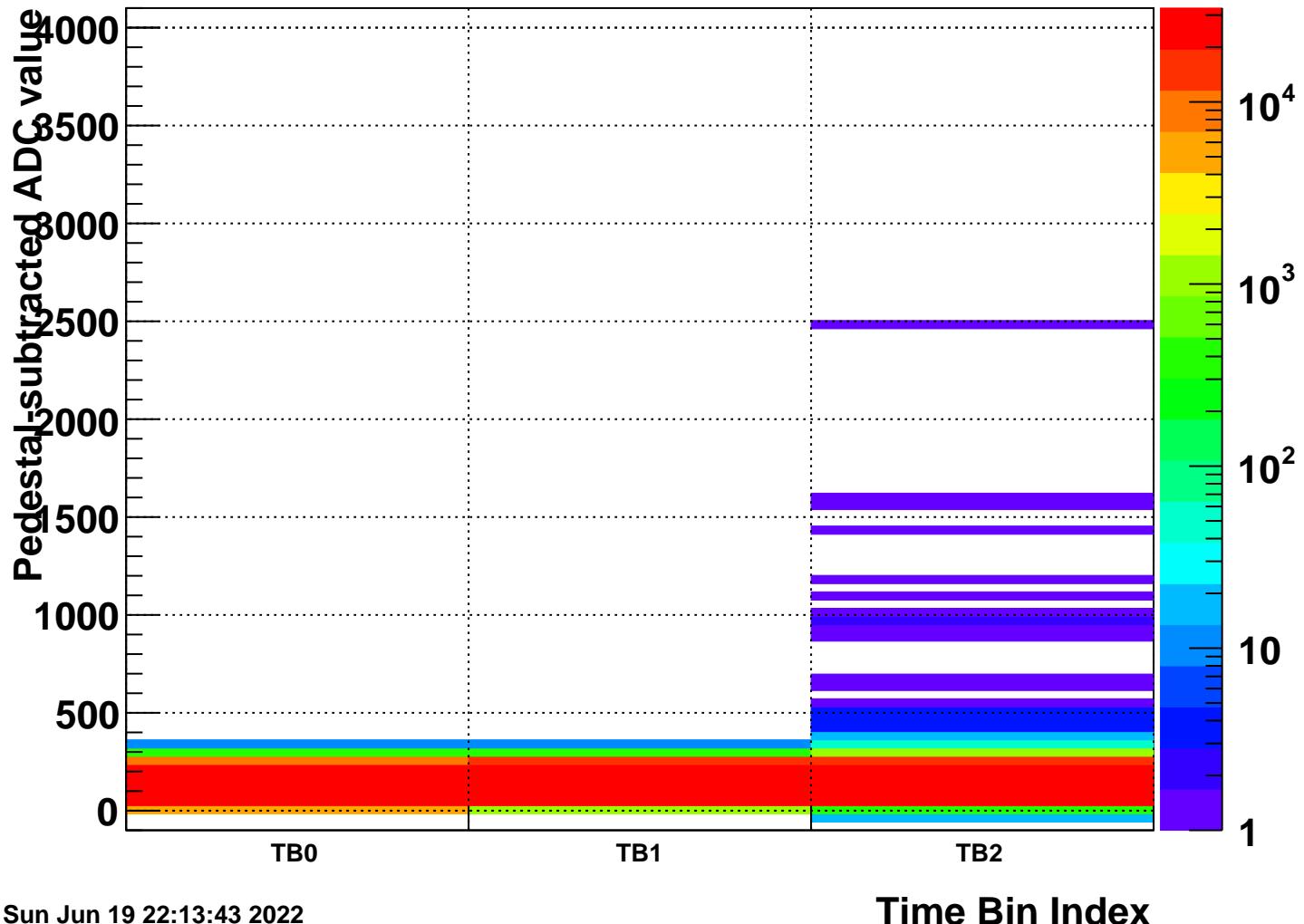
FST - ADC vs Timebin (non-ZS), Disk3 Module10: RDO6_ARM1_PORT1_SEC0



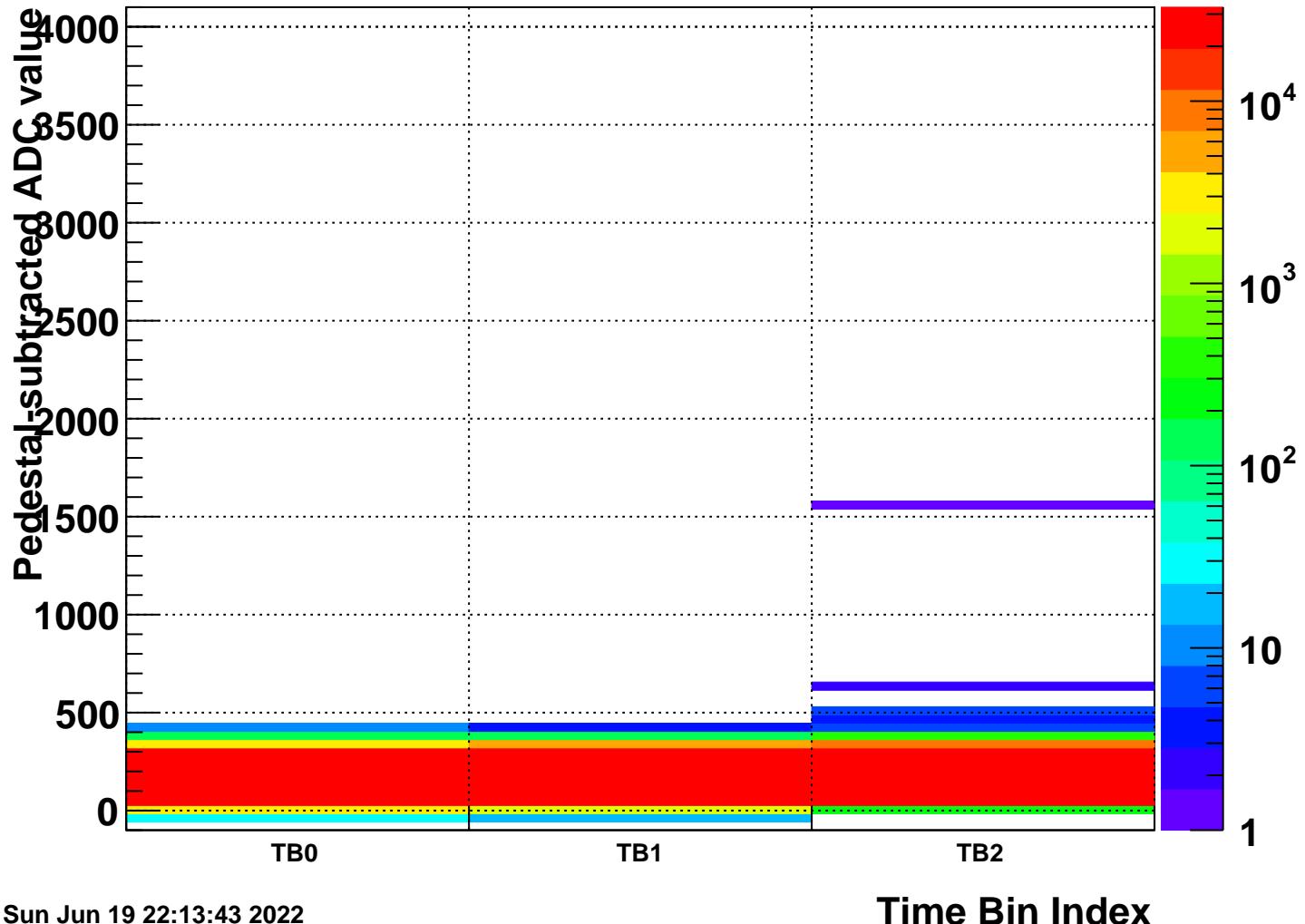
FST - ADC vs Timebin (non-ZS), Disk3 Module10: RDO6_ARM1_PORT1_SEC1



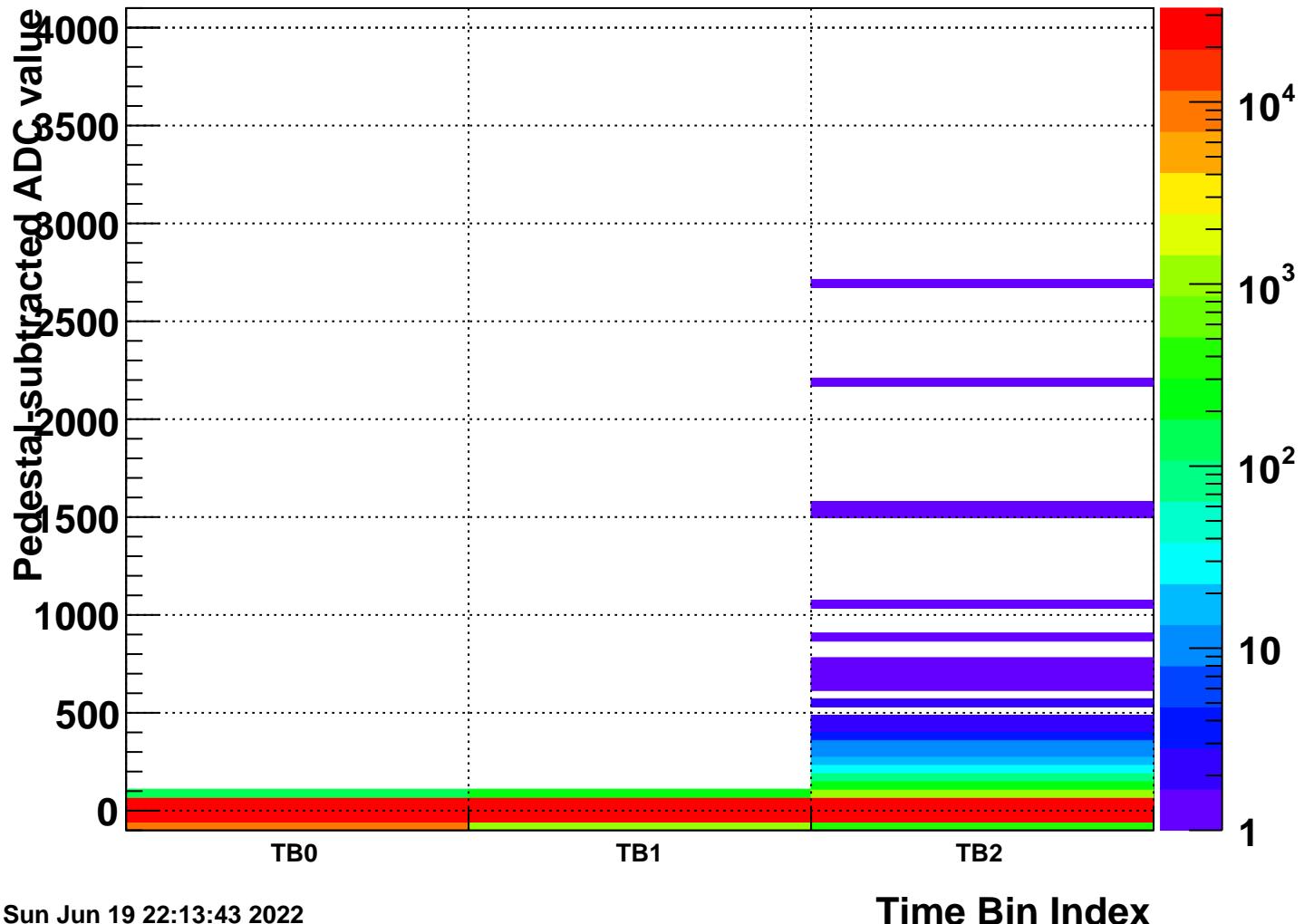
FST - ADC vs Timebin (non-ZS), Disk3 Module11: RDO6_ARM2_PORT0_SEC0



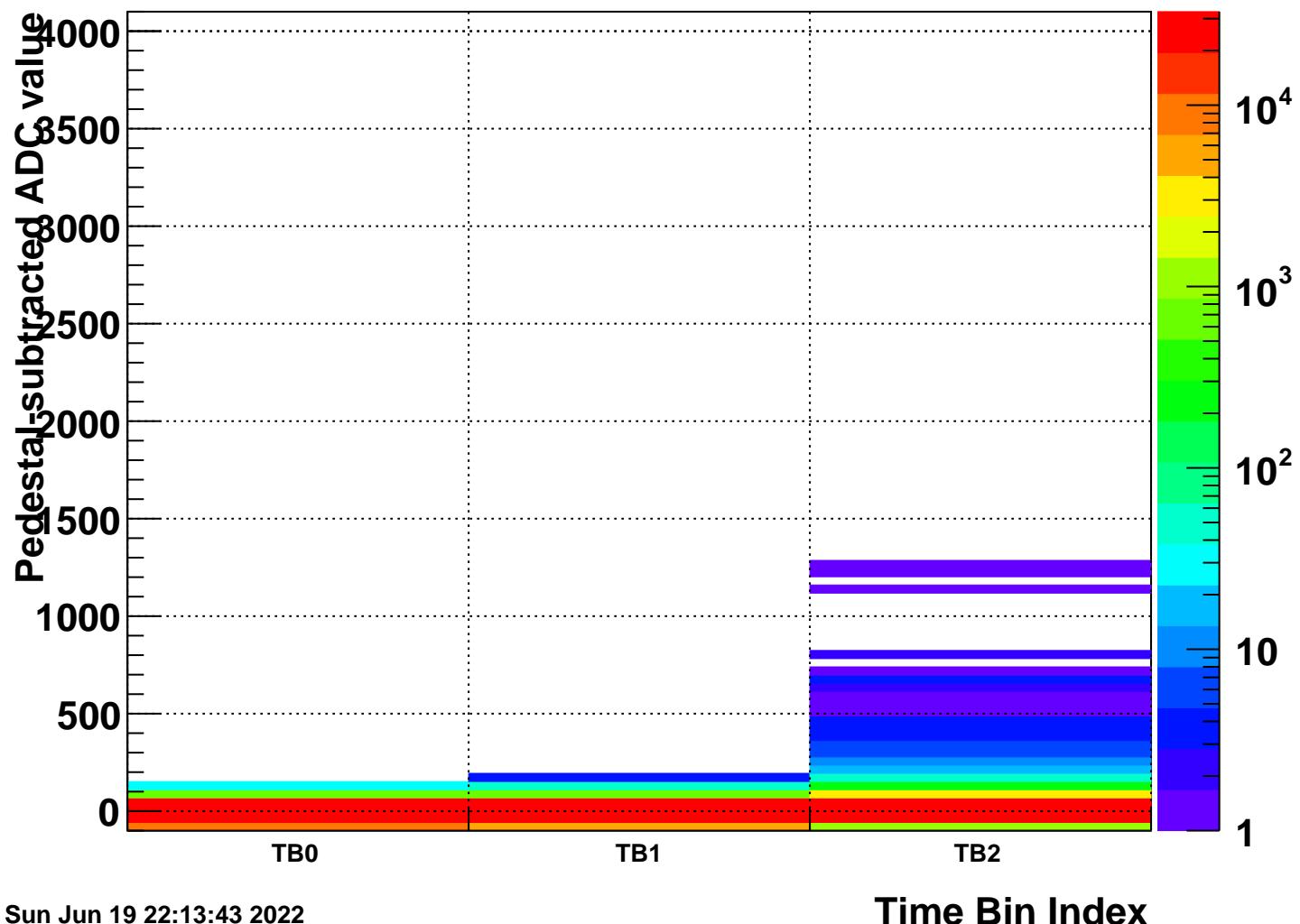
FST - ADC vs Timebin (non-ZS), Disk3 Module11: RDO6_ARM2_PORT0_SEC1



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



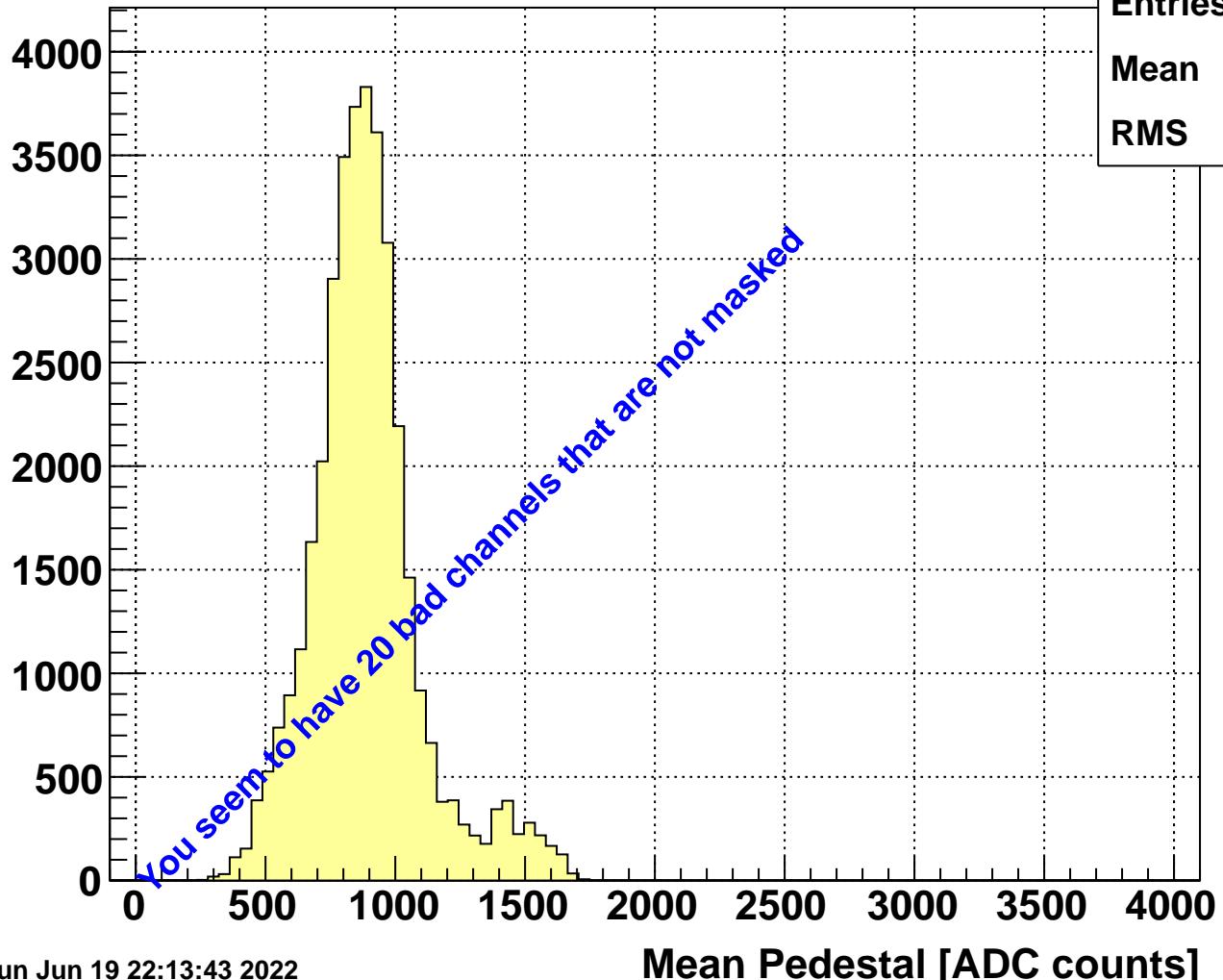
FST - ADC vs Timebin (non-ZS), Disk3 Module12: RDO6_ARM2_PORT1_SEC1



FST - <Mean Pedestal>

MeanPeds

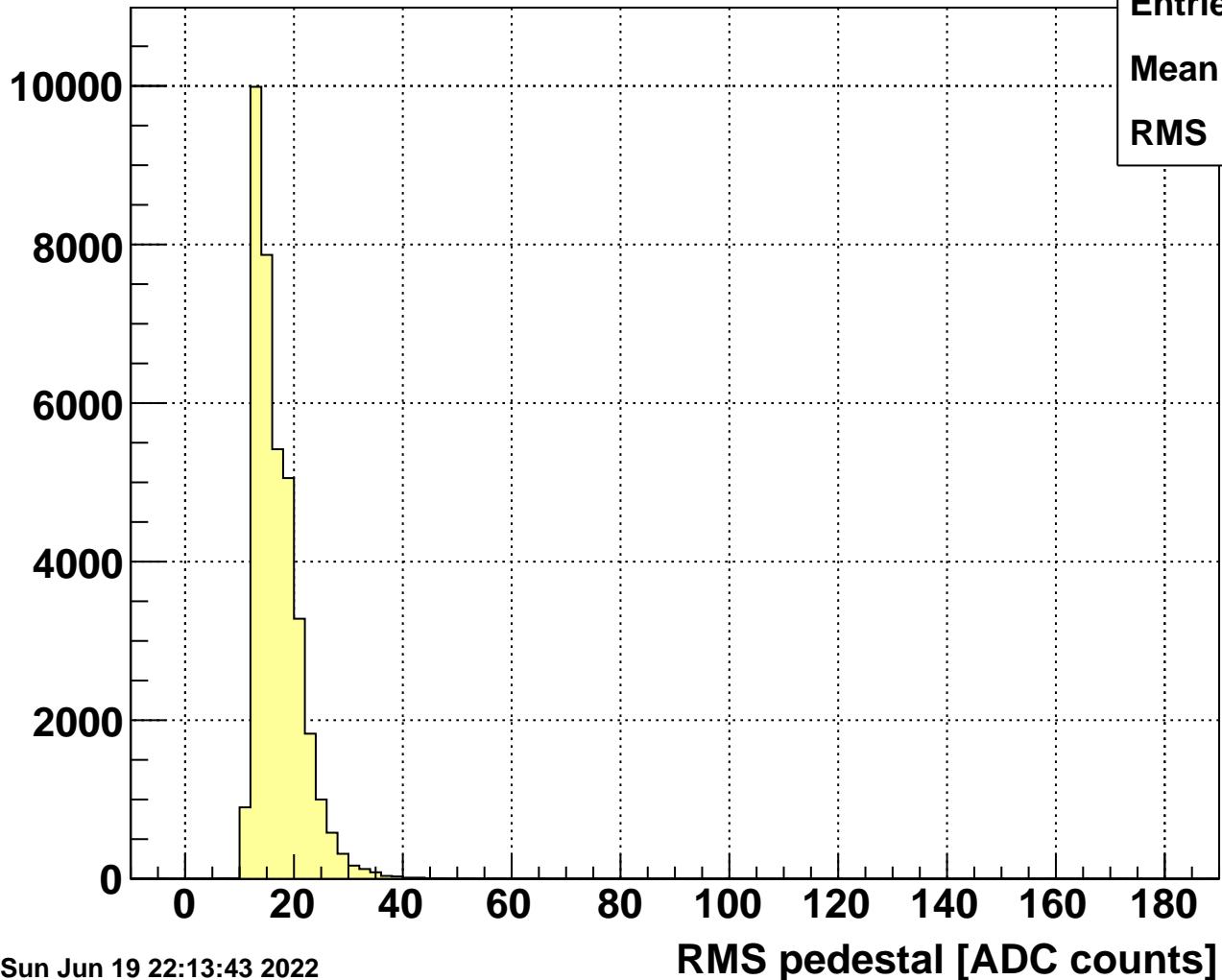
Entries	36736
Mean	888.6
RMS	215.3



FST - <RMS Pedestal>

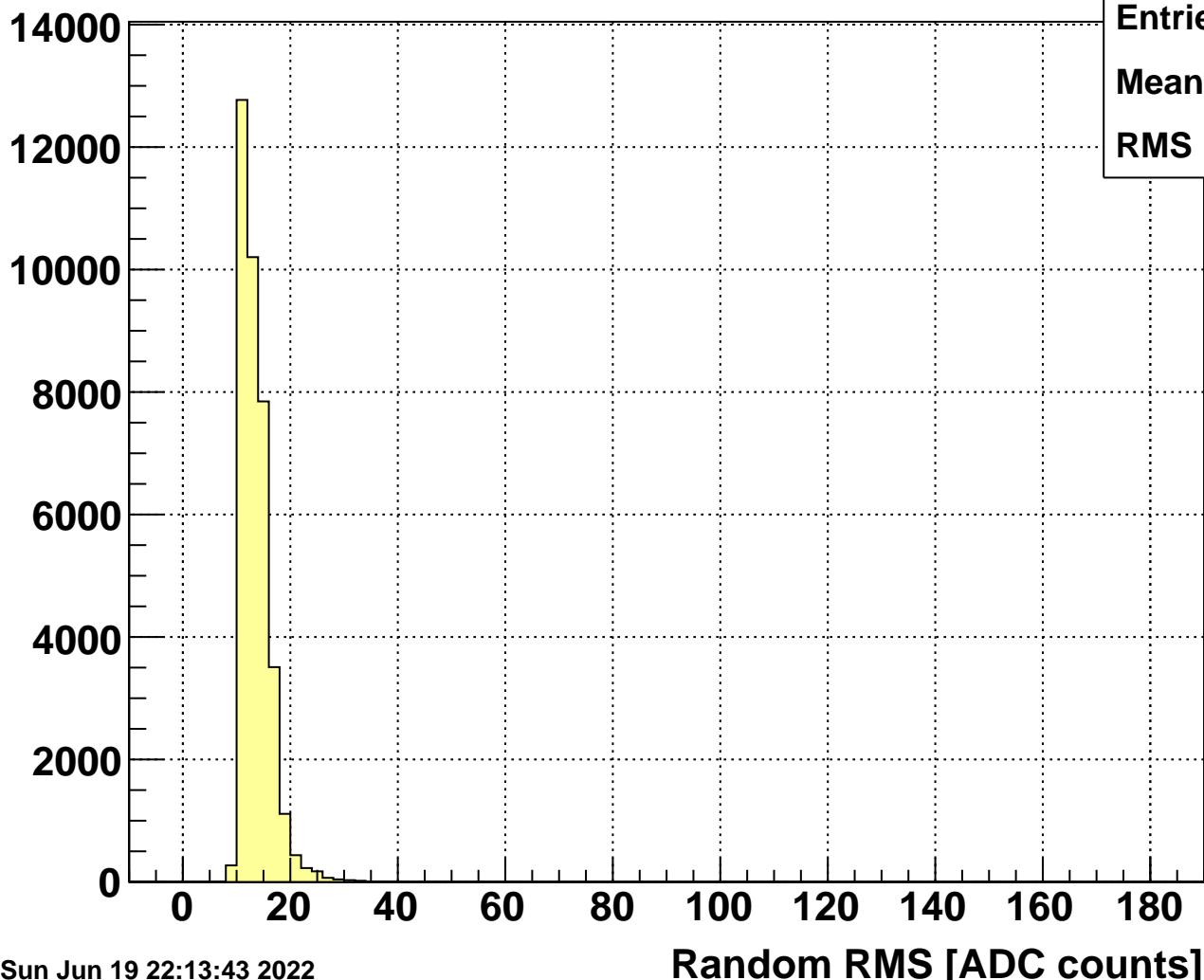
MeanRMS

Entries	36736
Mean	16.5
RMS	4.722



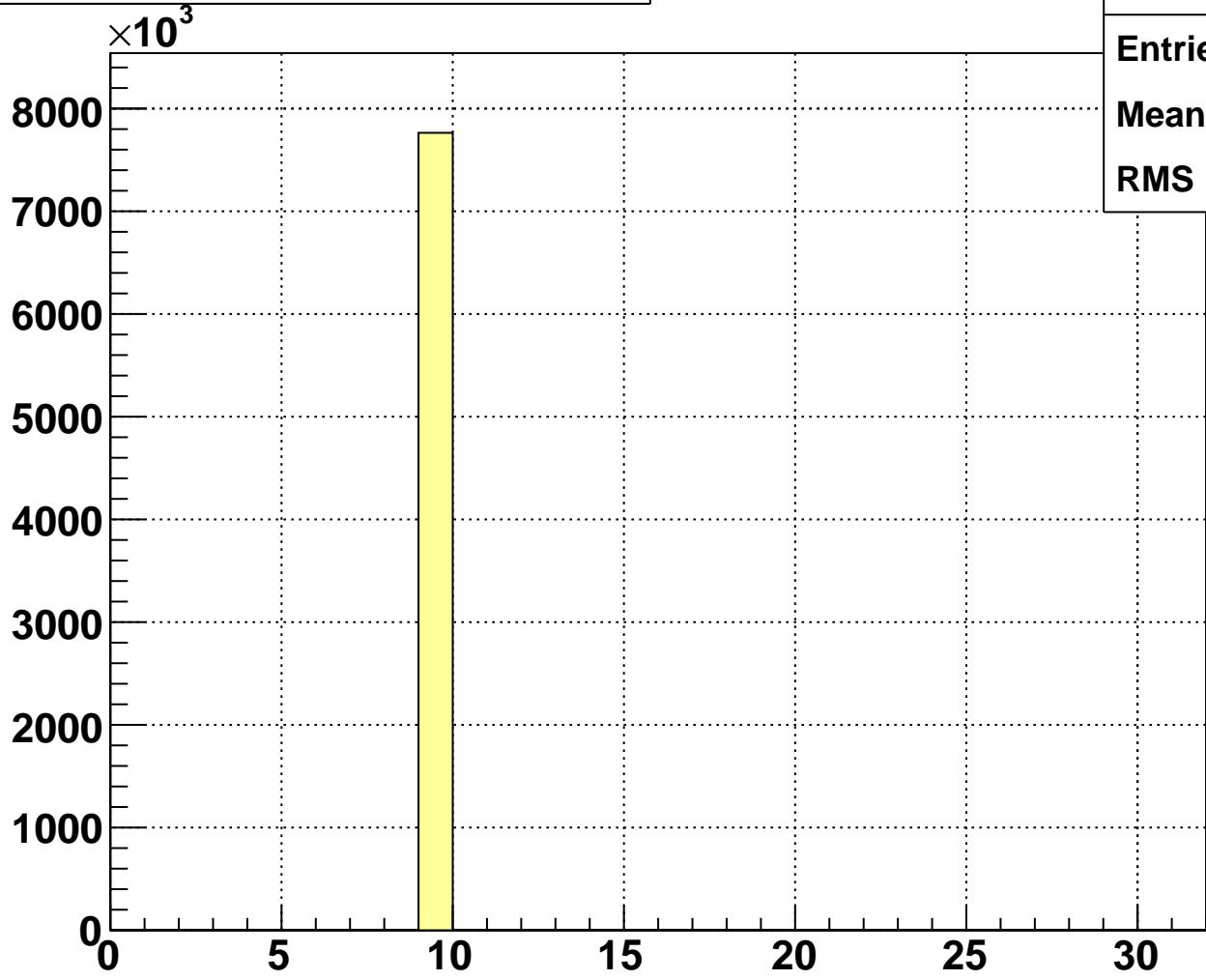
FST - <Random RMS>

MeanRandomRMS
Entries 36736
Mean 13.11
RMS 3.447



FST - Number of Time Bins

NumberOfTB



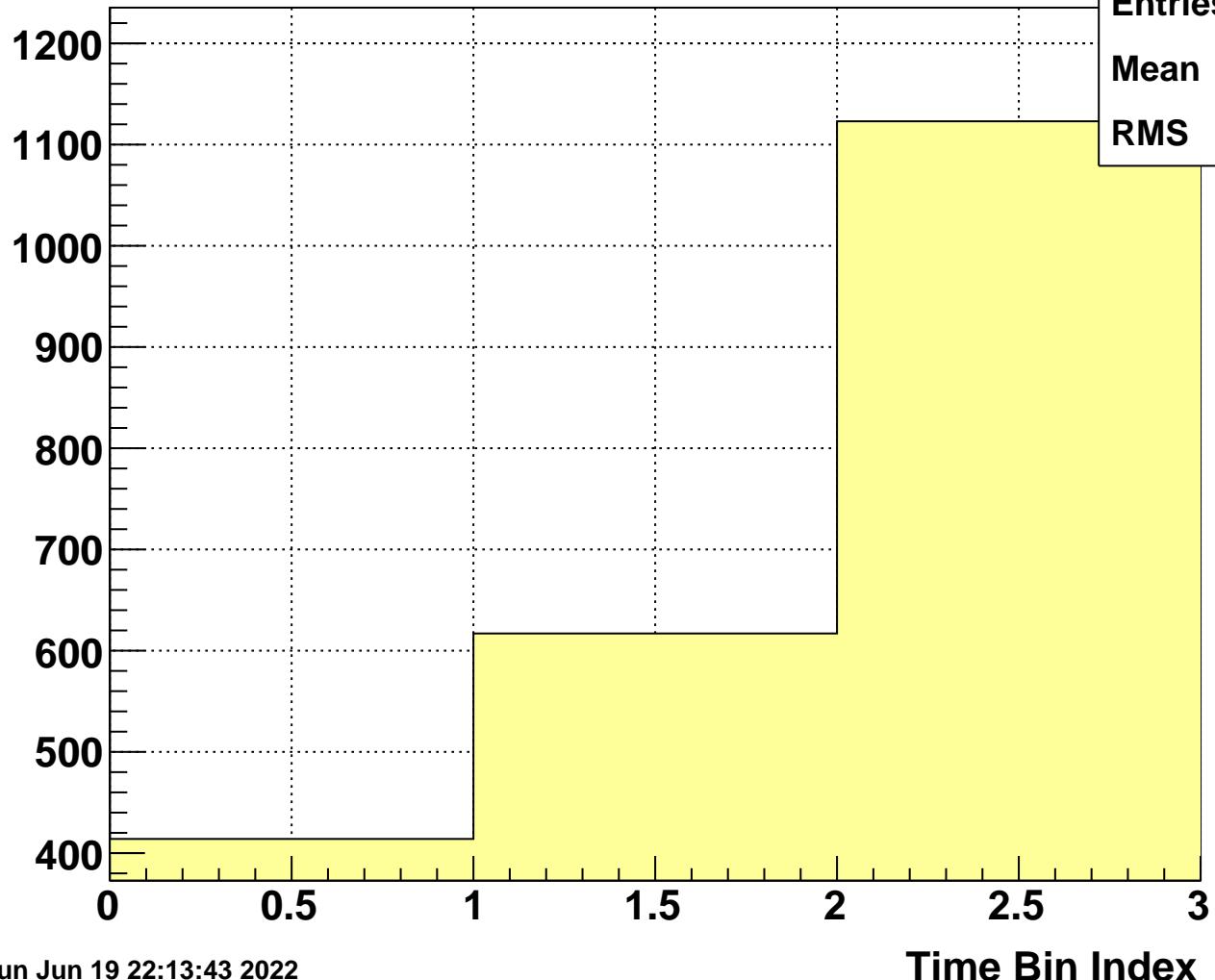
Entries 7763904

Mean 9

RMS 0

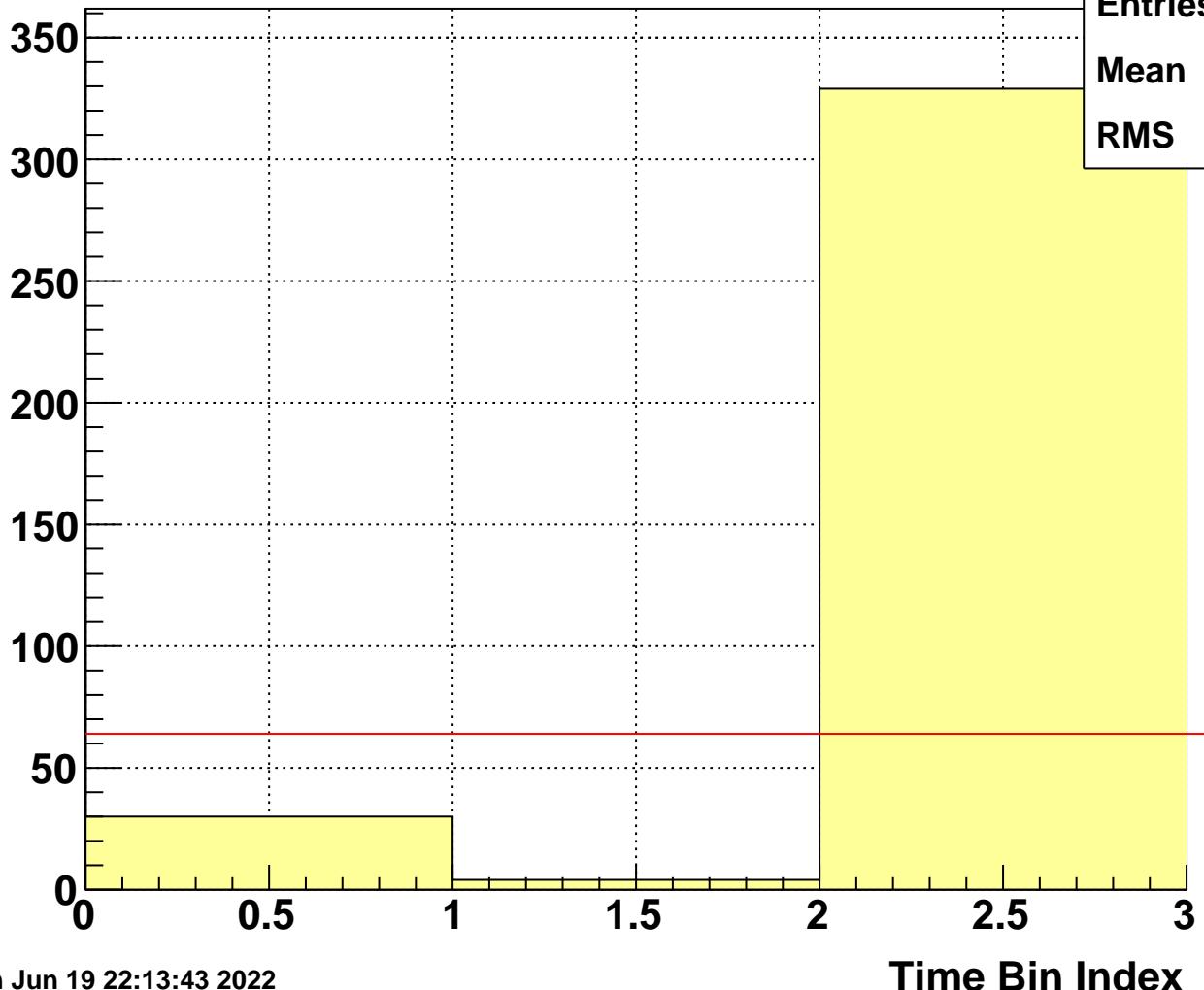
FST - Max ADC Time Bin (non-ZS)

MaxTimeBin_nonZS
Entries 84989
Mean 1.329
RMS 0.778

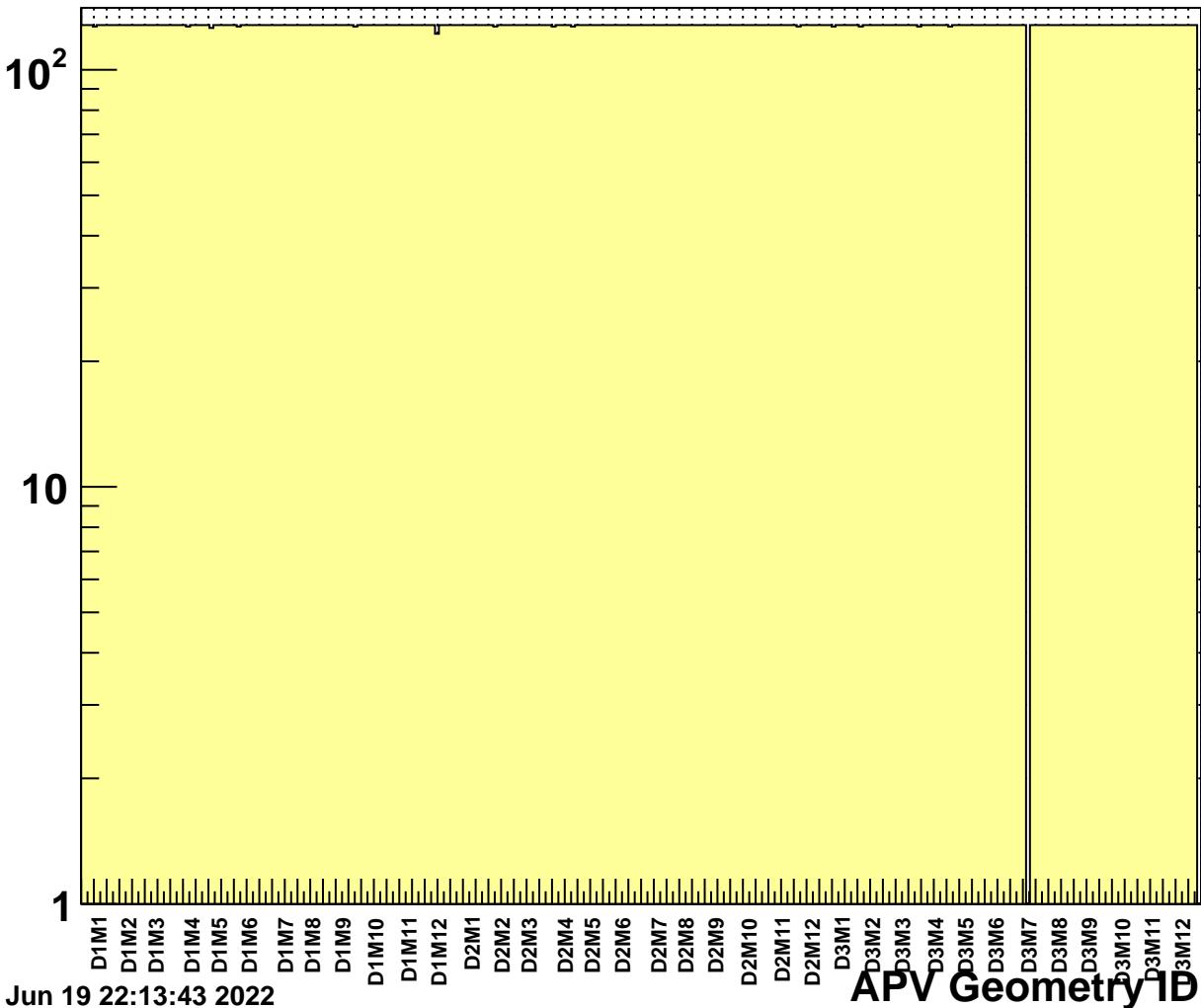


FST - Max ADC Time Bin (ZS)

MaxTimeBin_ZS
Entries 593479
Mean 1.824
RMS 0.5572

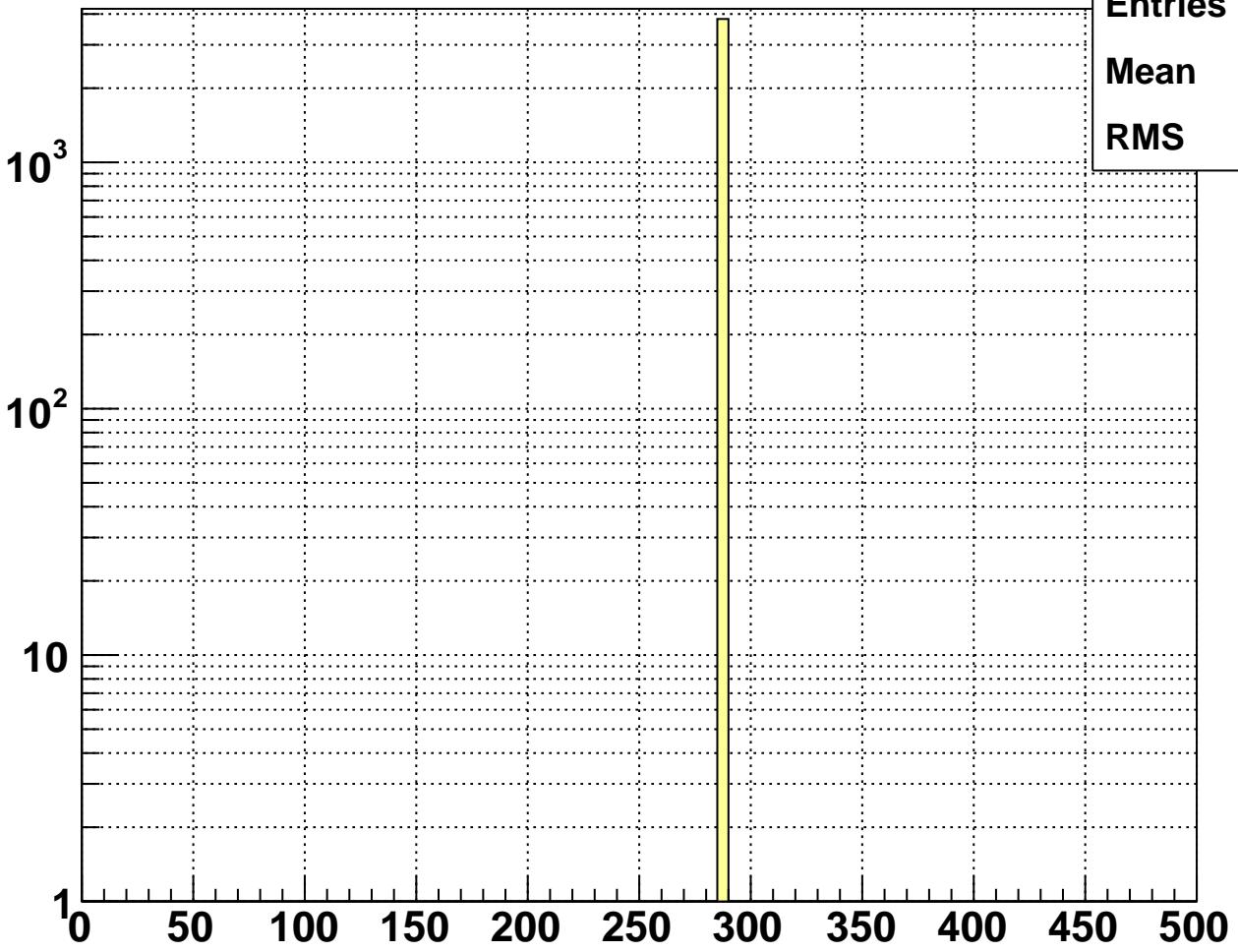


FST - Good Channels per APV



FST - Visible APVs Frequency

VisibleAPV



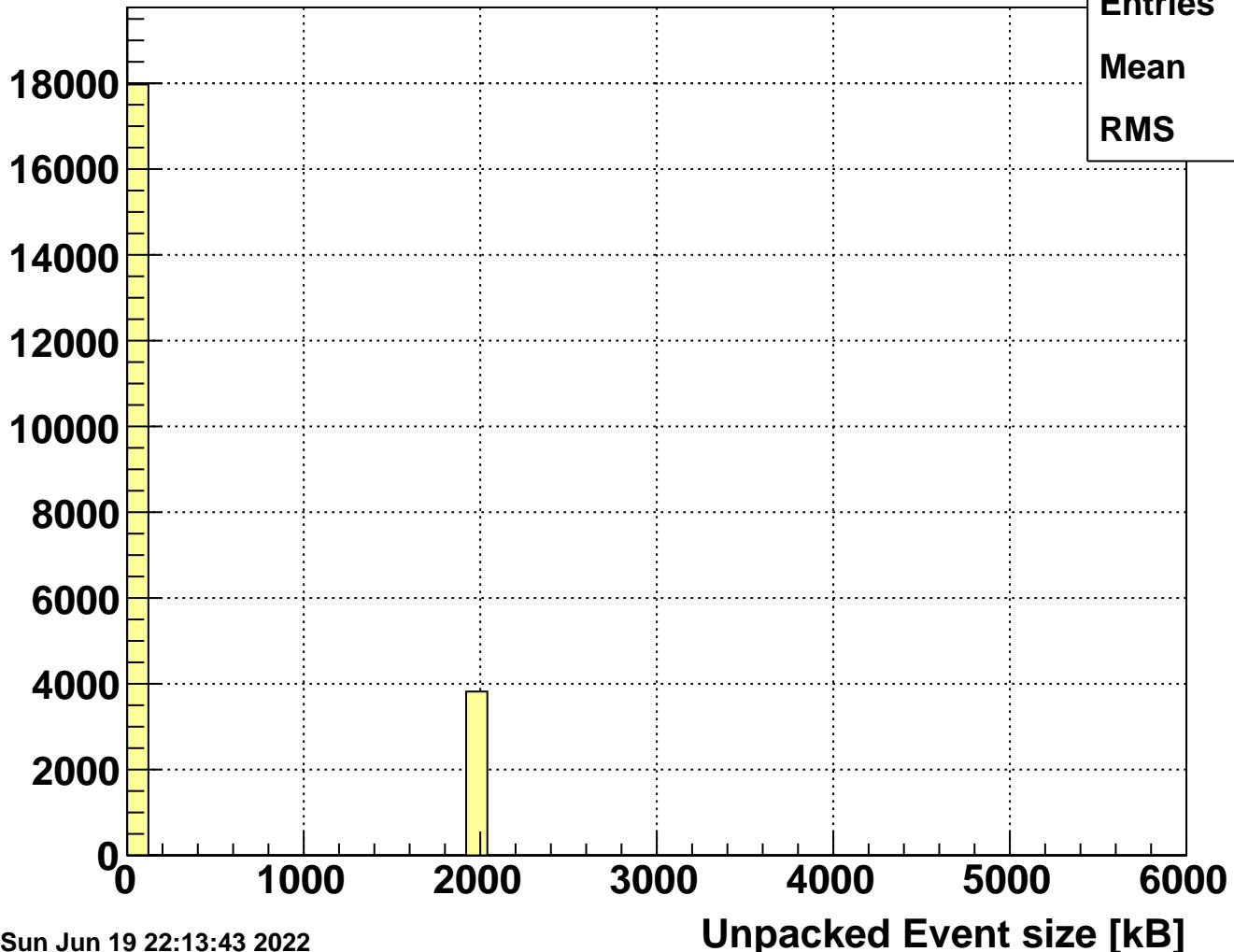
FST - Event Size

FSTEventSize

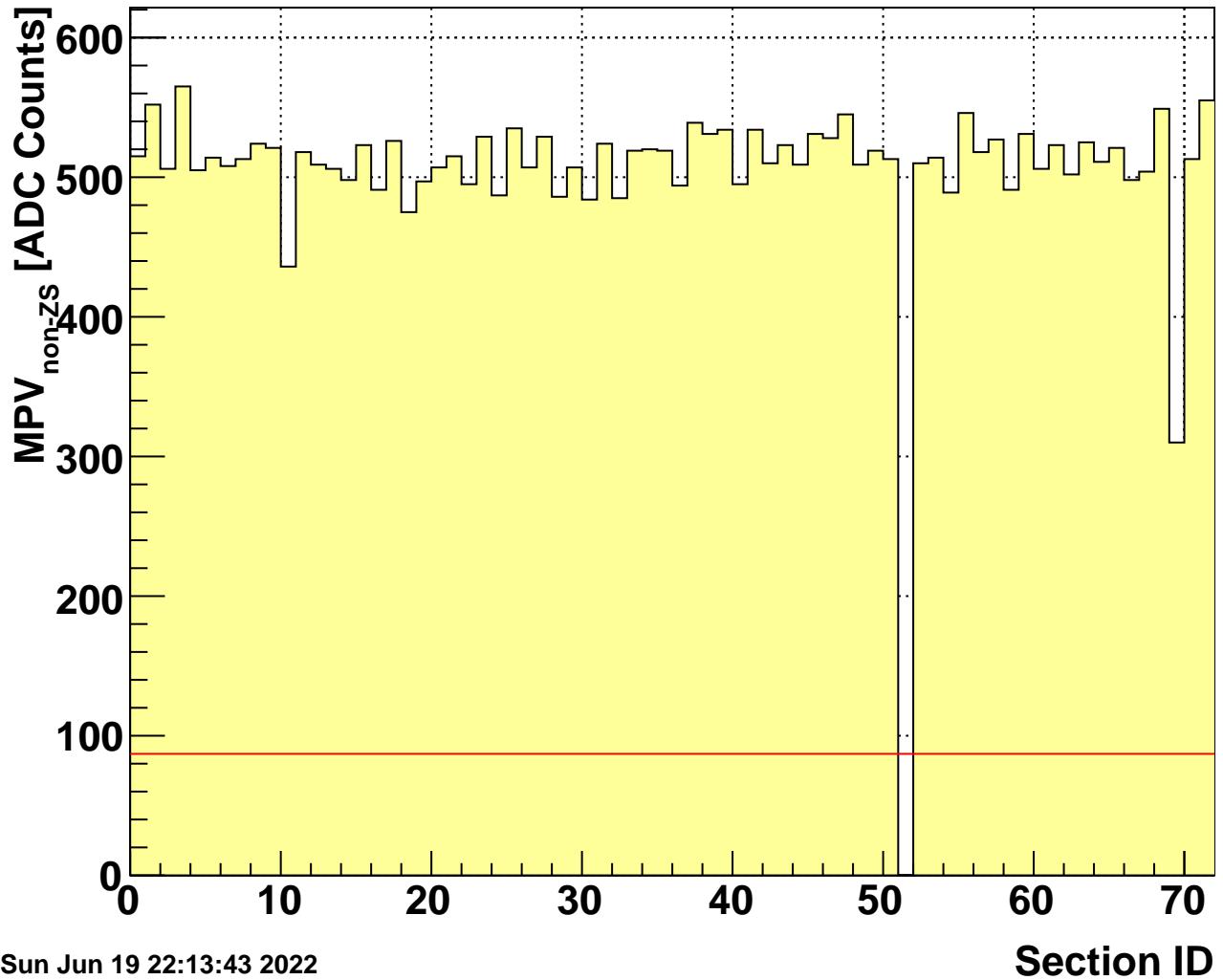
Entries 21791

Mean 350.9

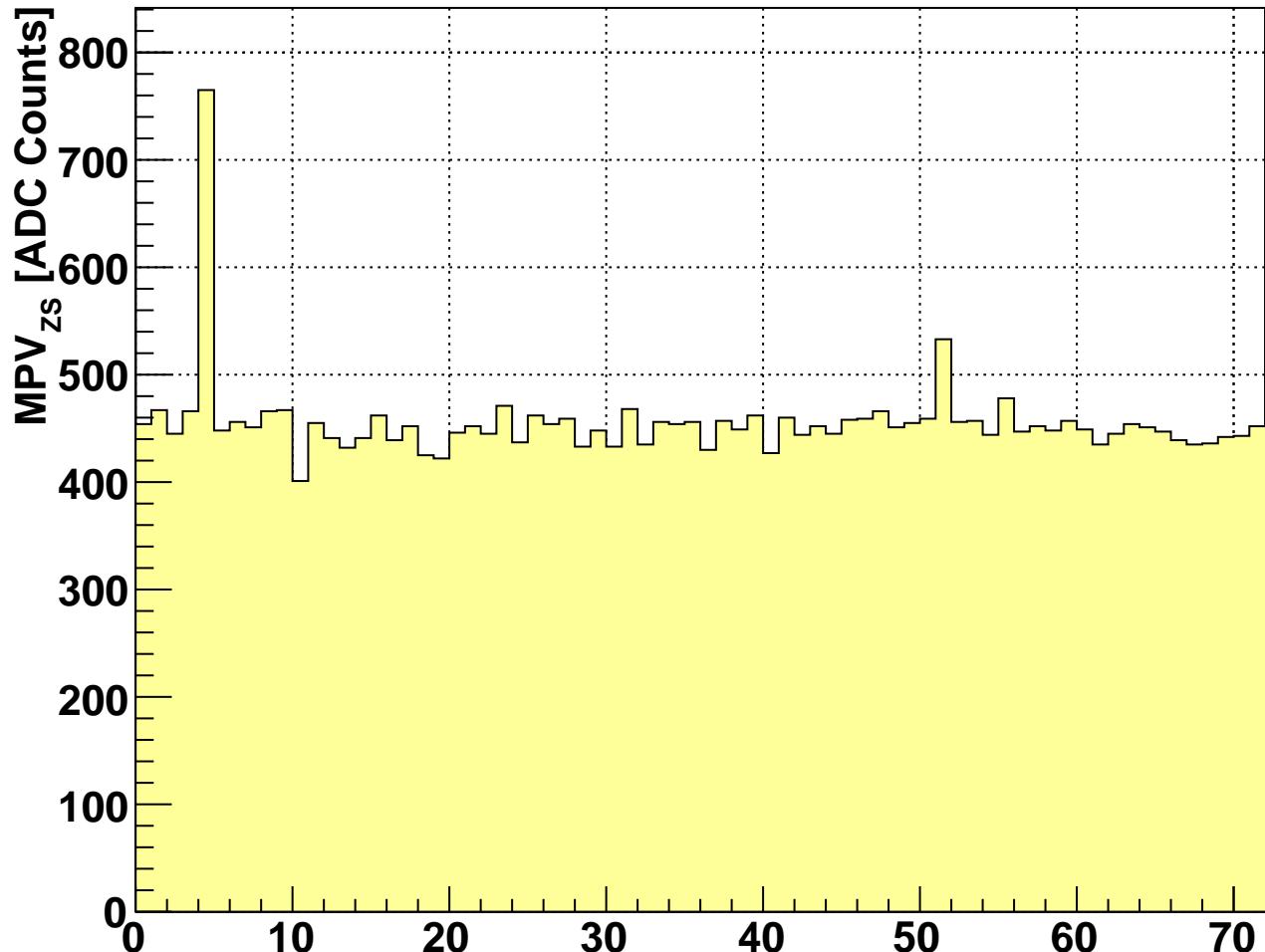
RMS 731.2



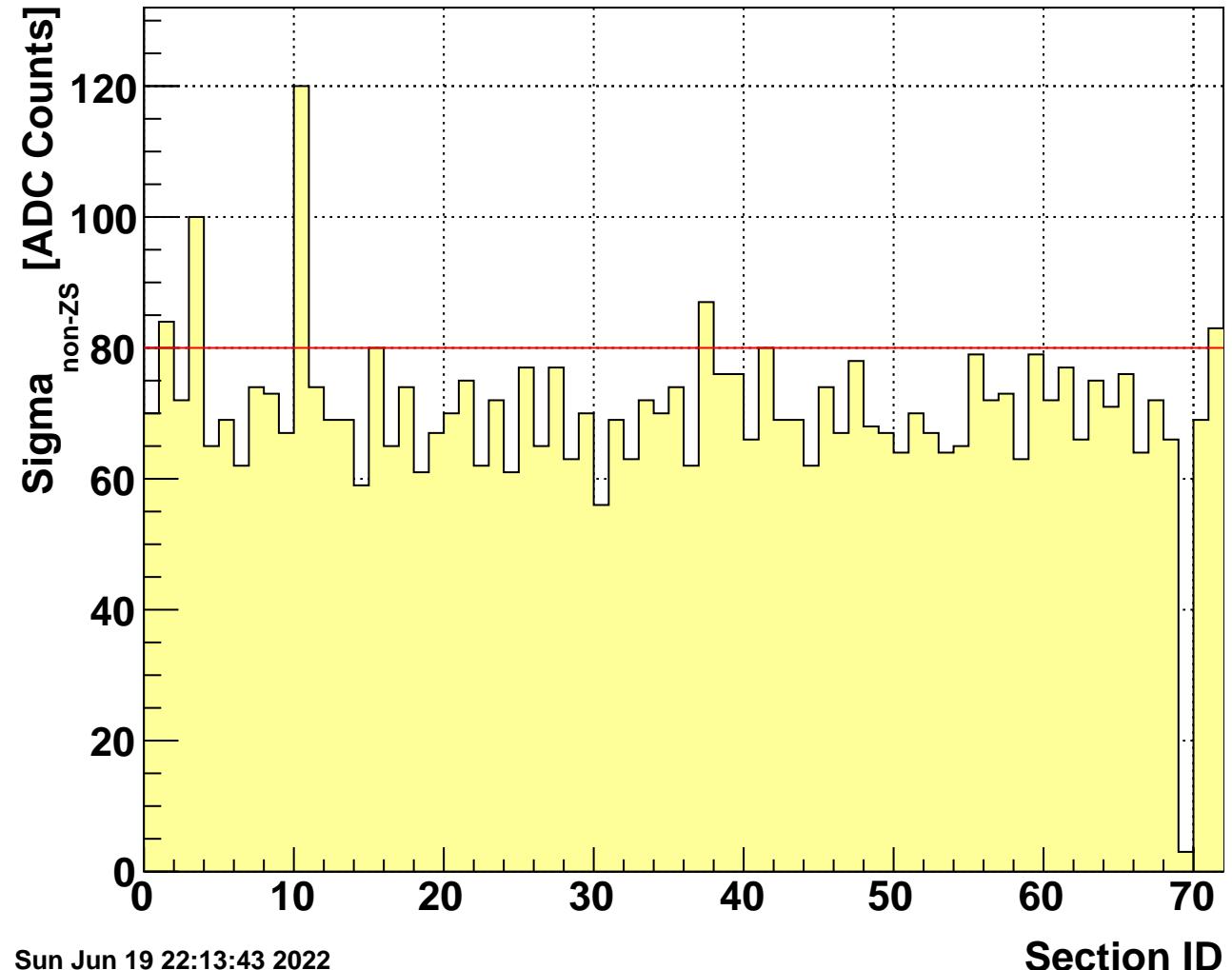
FST - MPV vs Section Id (non-ZS)



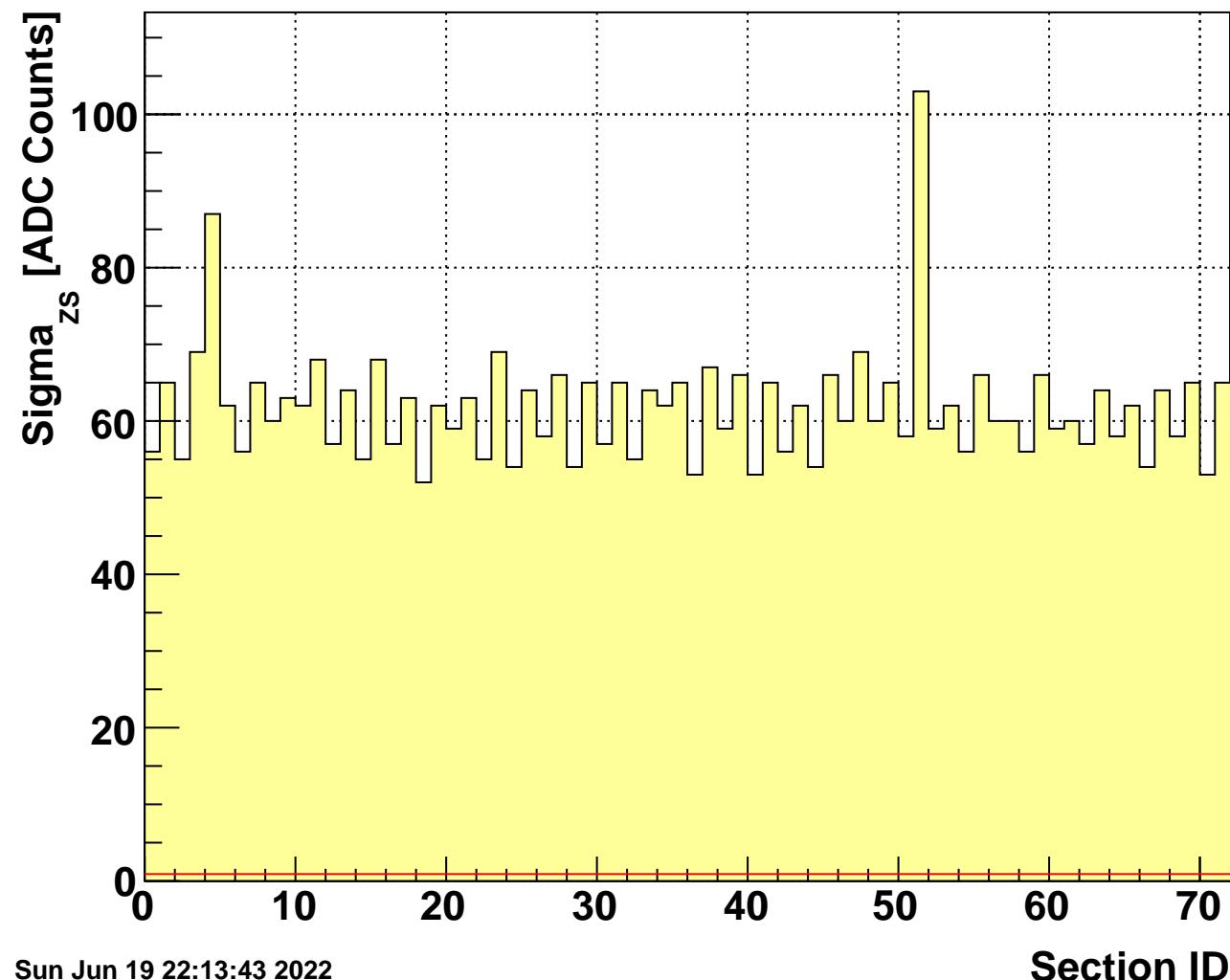
FST - MPV vs Section Id (ZS)



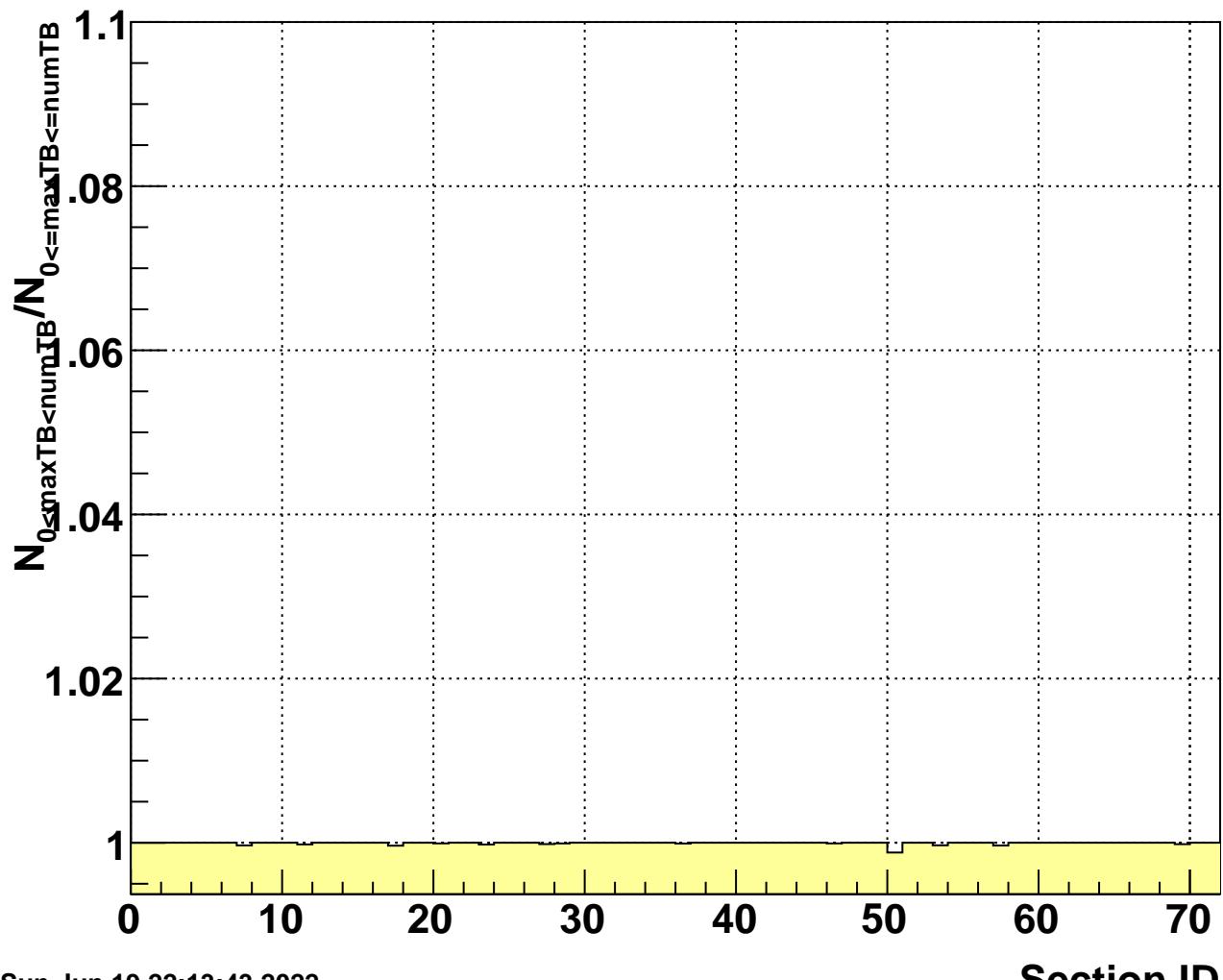
FST - Sigma vs Section Id (non-ZS)



FST - Sigma vs Section Id (ZS)

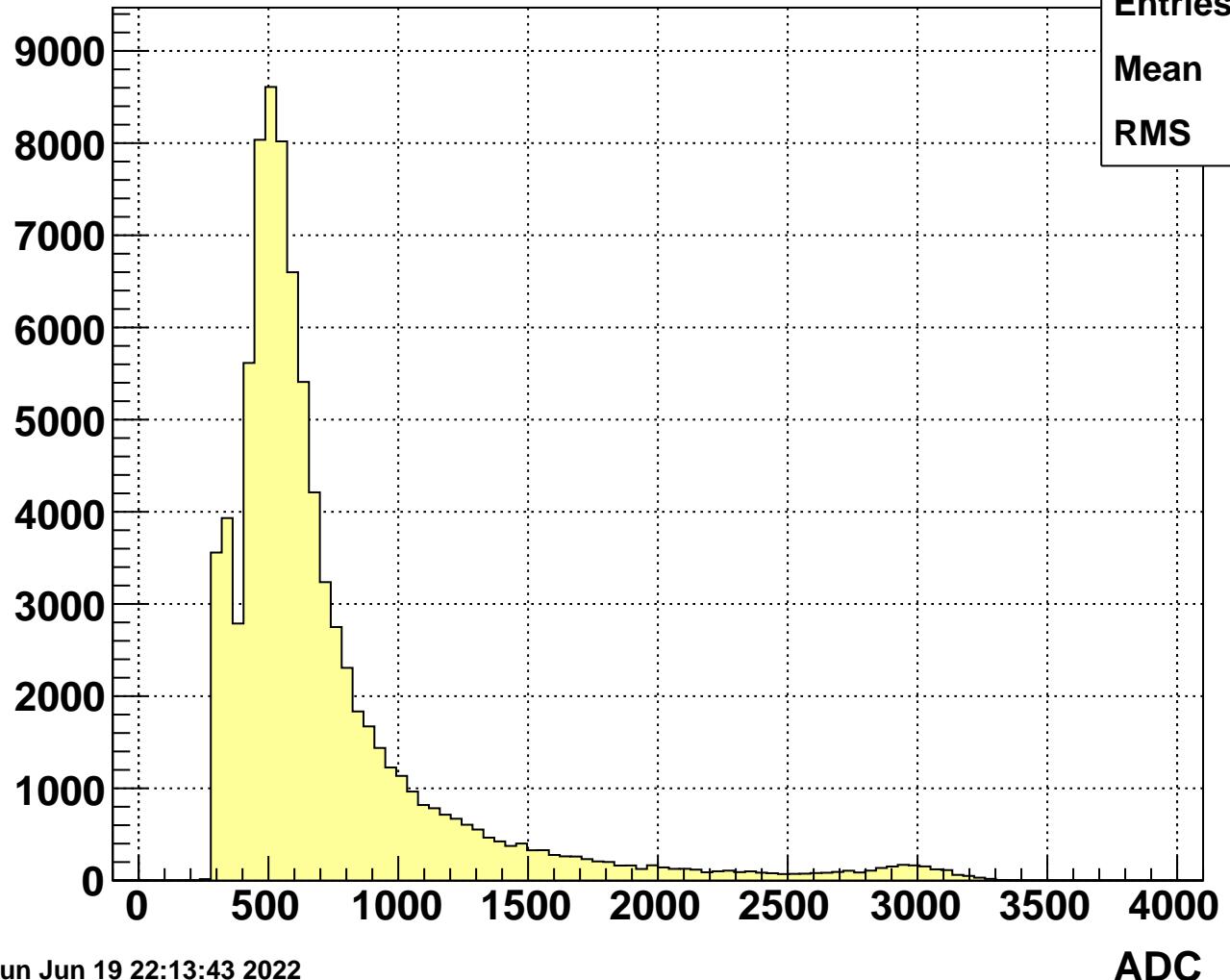


FST - maxTB fraction vs Section Id (ZS)



FST - Max ADC (non-ZS)

MaxAdc_nonZS
Entries 84989
Mean 737.4
RMS 483.4



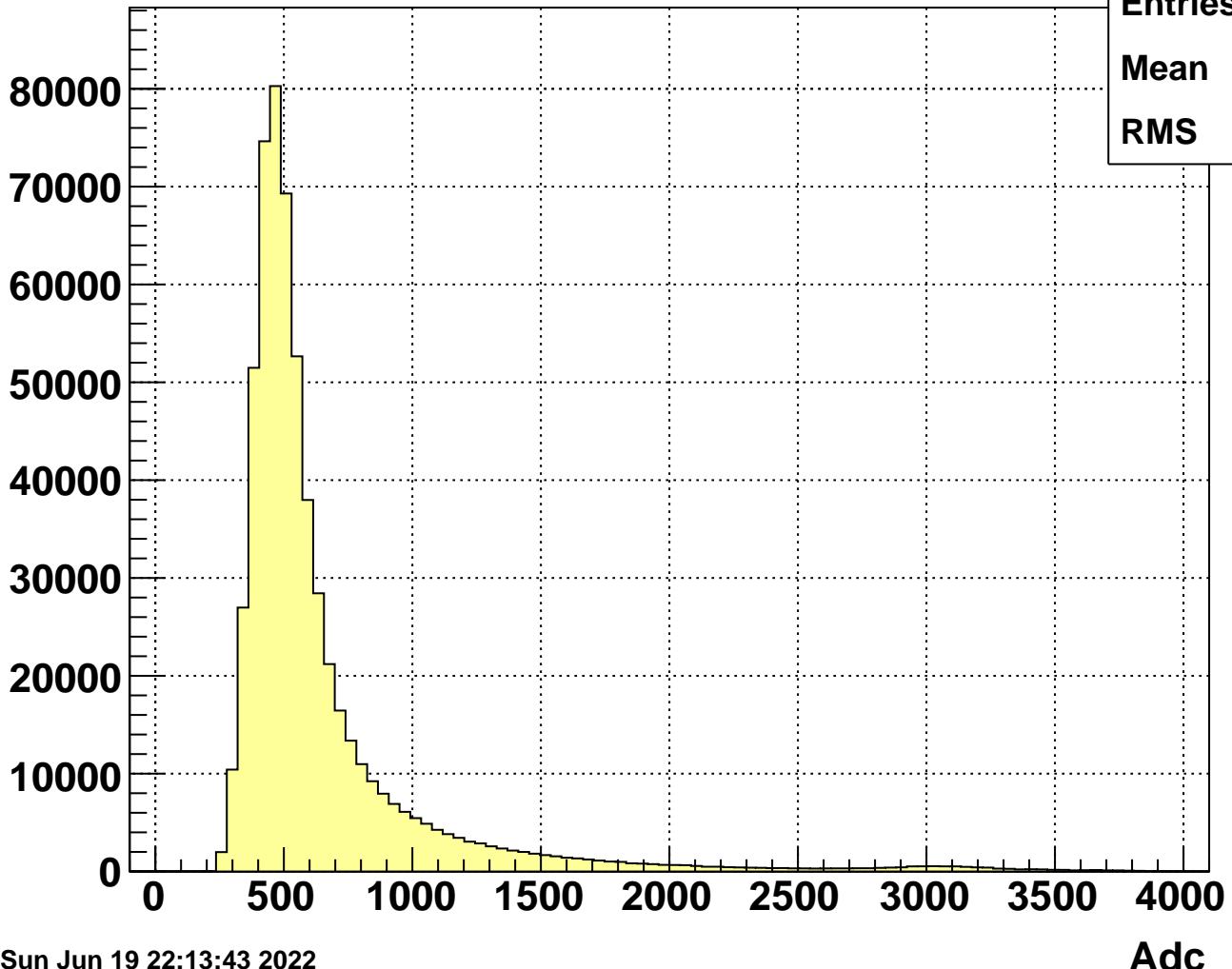
FST - Max ADC (ZS)

MaxAdc_ZS

Entries 593479

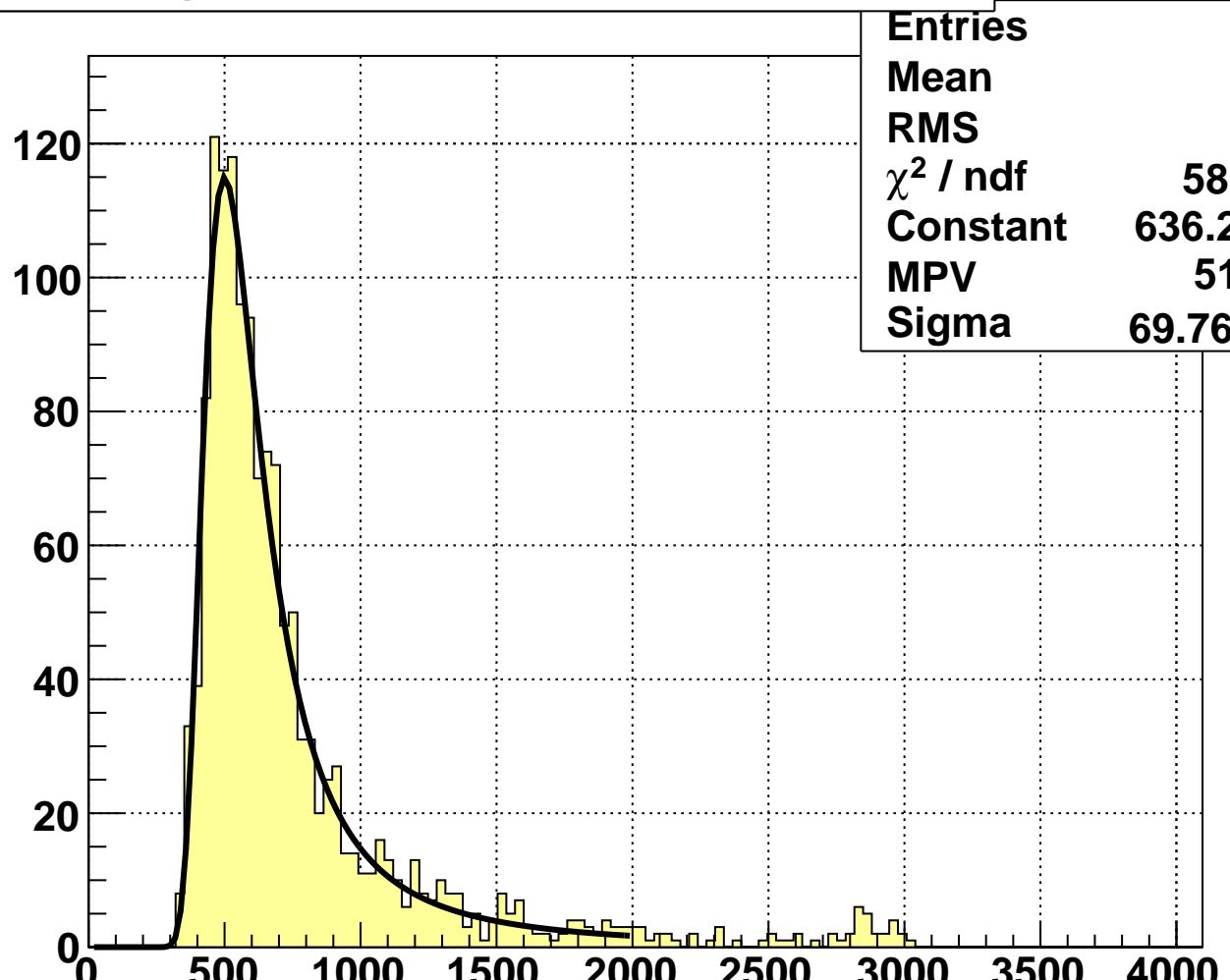
Mean 656.3

RMS 444.2



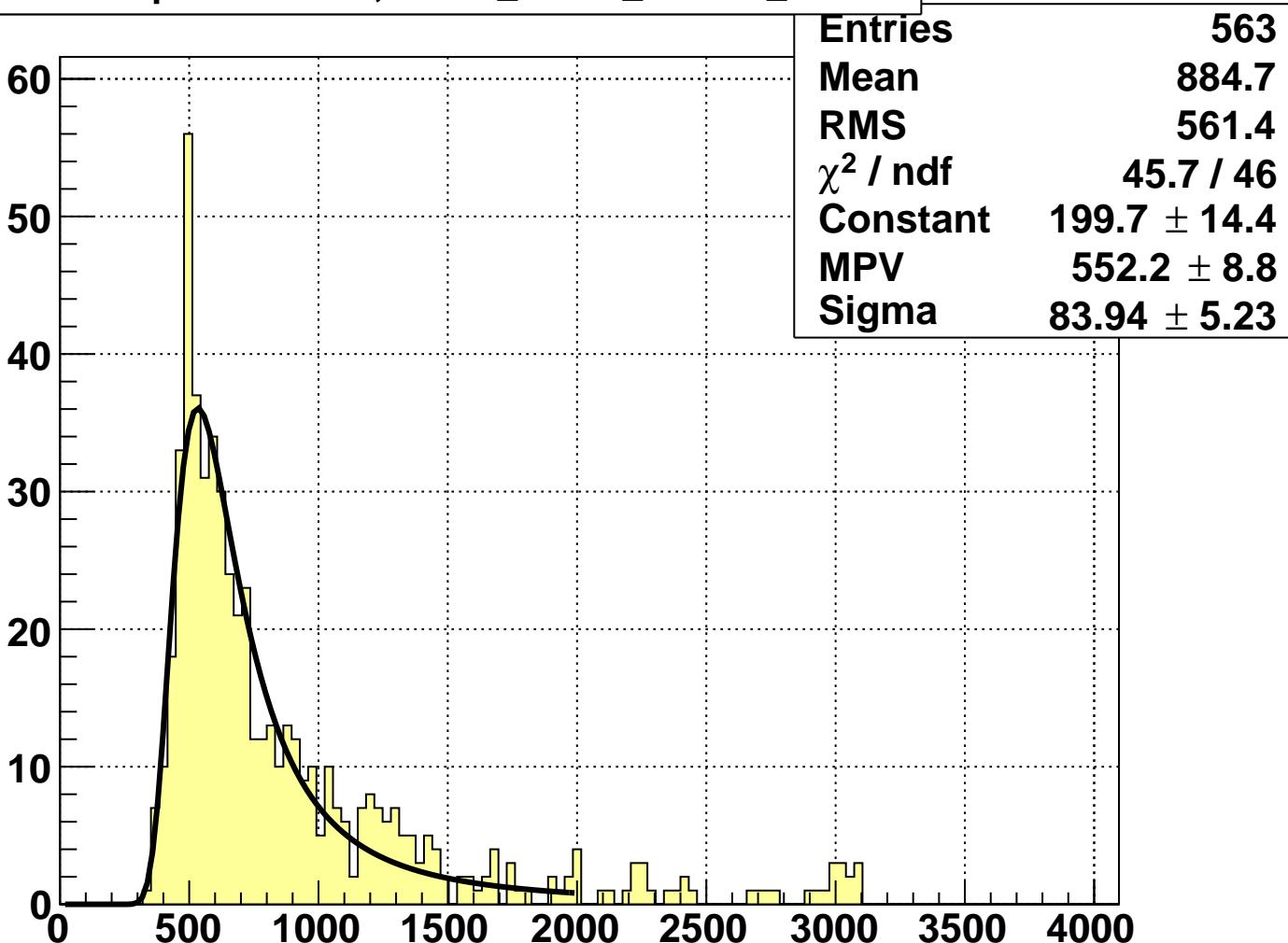
FST - MIP peak non-ZS, RDO1_ARM0_PORT0_SEC0

nonZS_Section_0



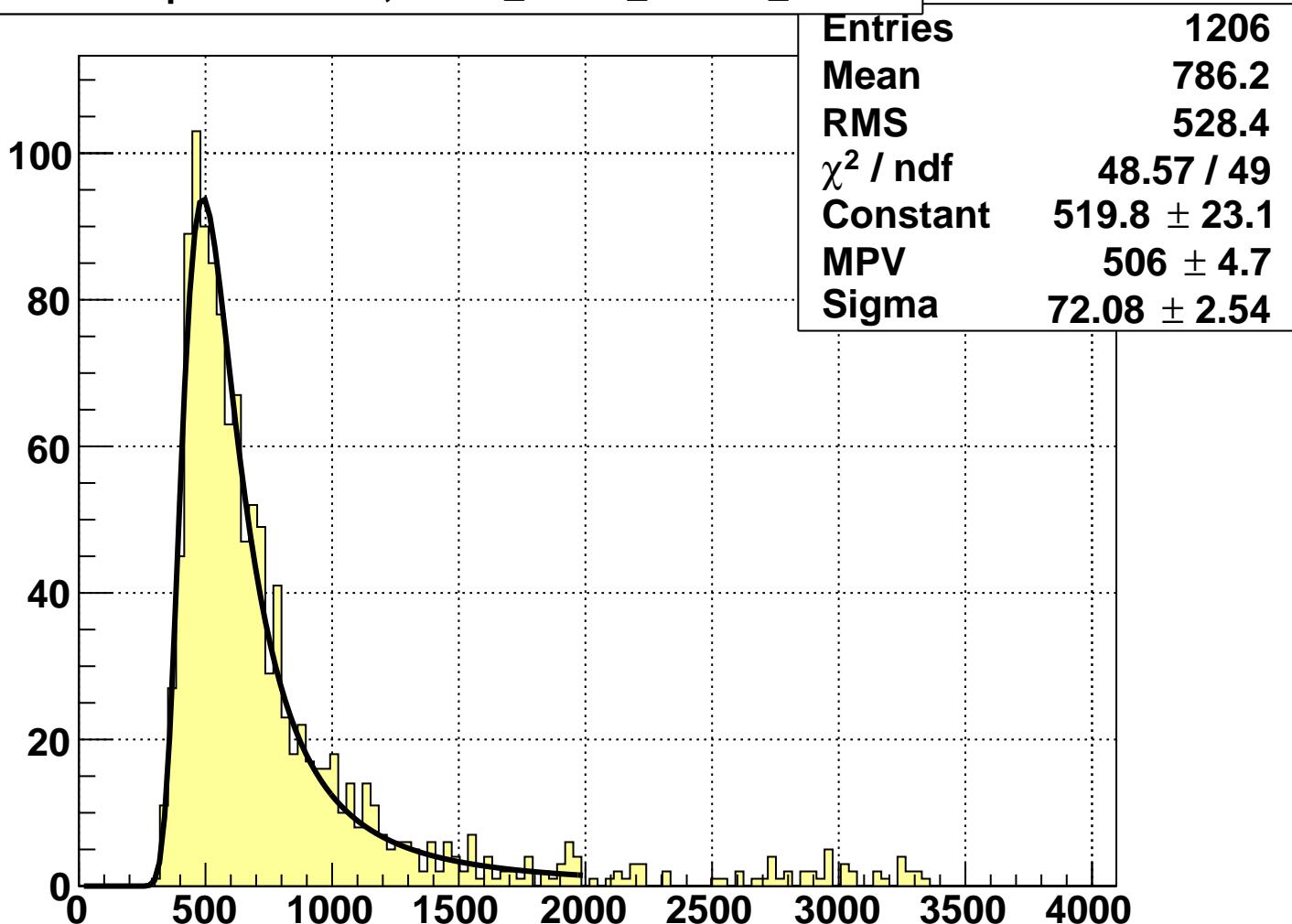
FST - MIP peak non-ZS, RDO1_ARM0_PORT0_SEC1

nonZS_Section_1



FST - MIP peak non-ZS, RDO1_ARM0_PORT1_SEC0

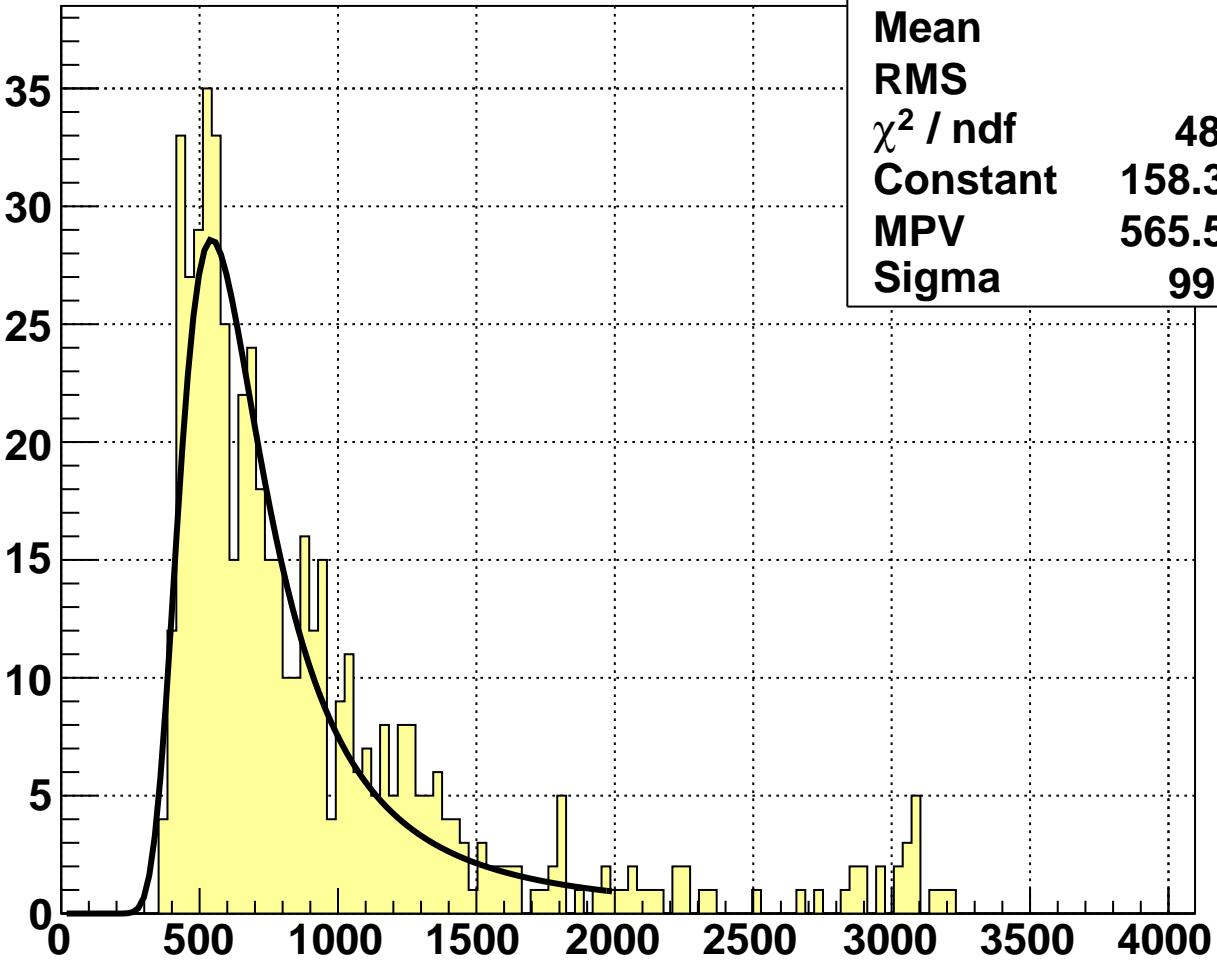
nonZS_Section_2



FST - MIP peak non-ZS, RDO1_ARM0_PORT1_SEC1

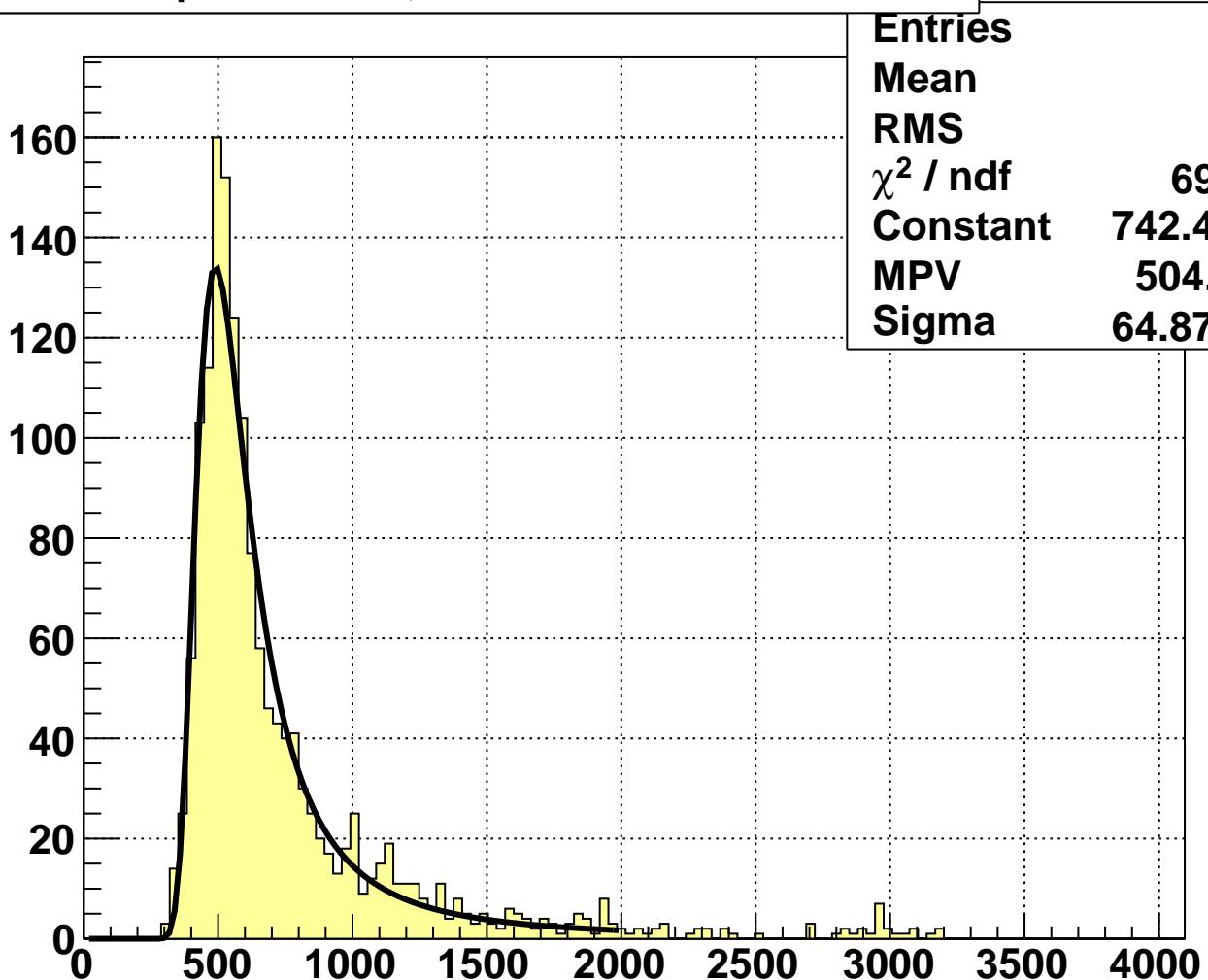
nonZS_Section_3

Entries	529
Mean	919.9
RMS	589.4
χ^2 / ndf	48.63 / 46
Constant	158.3 ± 12.8
MPV	565.5 ± 11.7
Sigma	99.5 ± 7.7



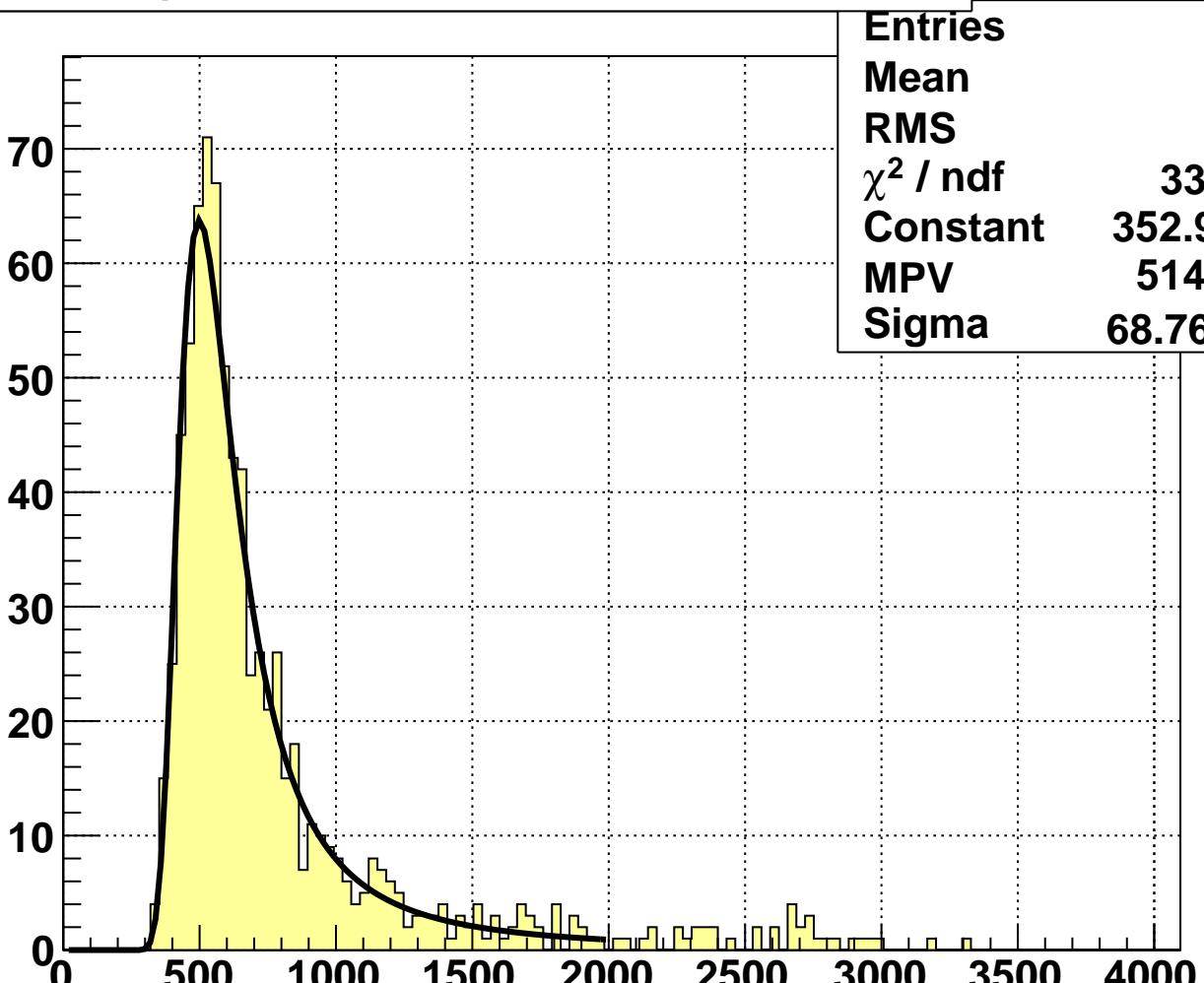
FST - MIP peak non-ZS, RDO1_ARM1_PORT0_SEC0

nonZS_Section_4



FST - MIP peak non-ZS, RDO1_ARM1_PORT0_SEC1

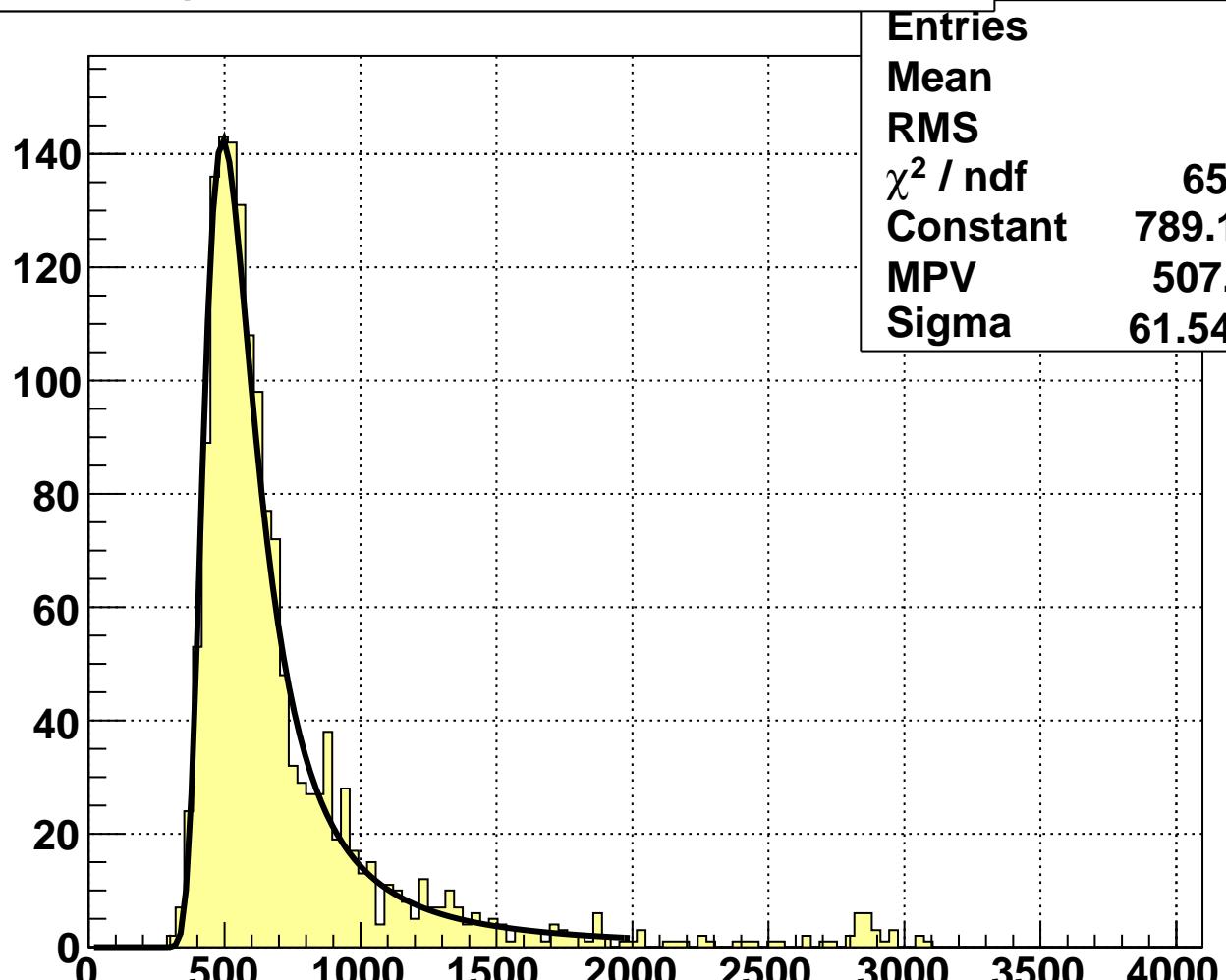
nonZS_Section_5



Entries	786
Mean	785.7
RMS	502.4
χ^2 / ndf	33.31 / 47
Constant	352.9 ± 20.1
MPV	514.1 ± 5.4
Sigma	68.76 ± 3.17

FST - MIP peak non-ZS, RDO1_ARM1_PORT1_SEC0

nonZS_Section_6

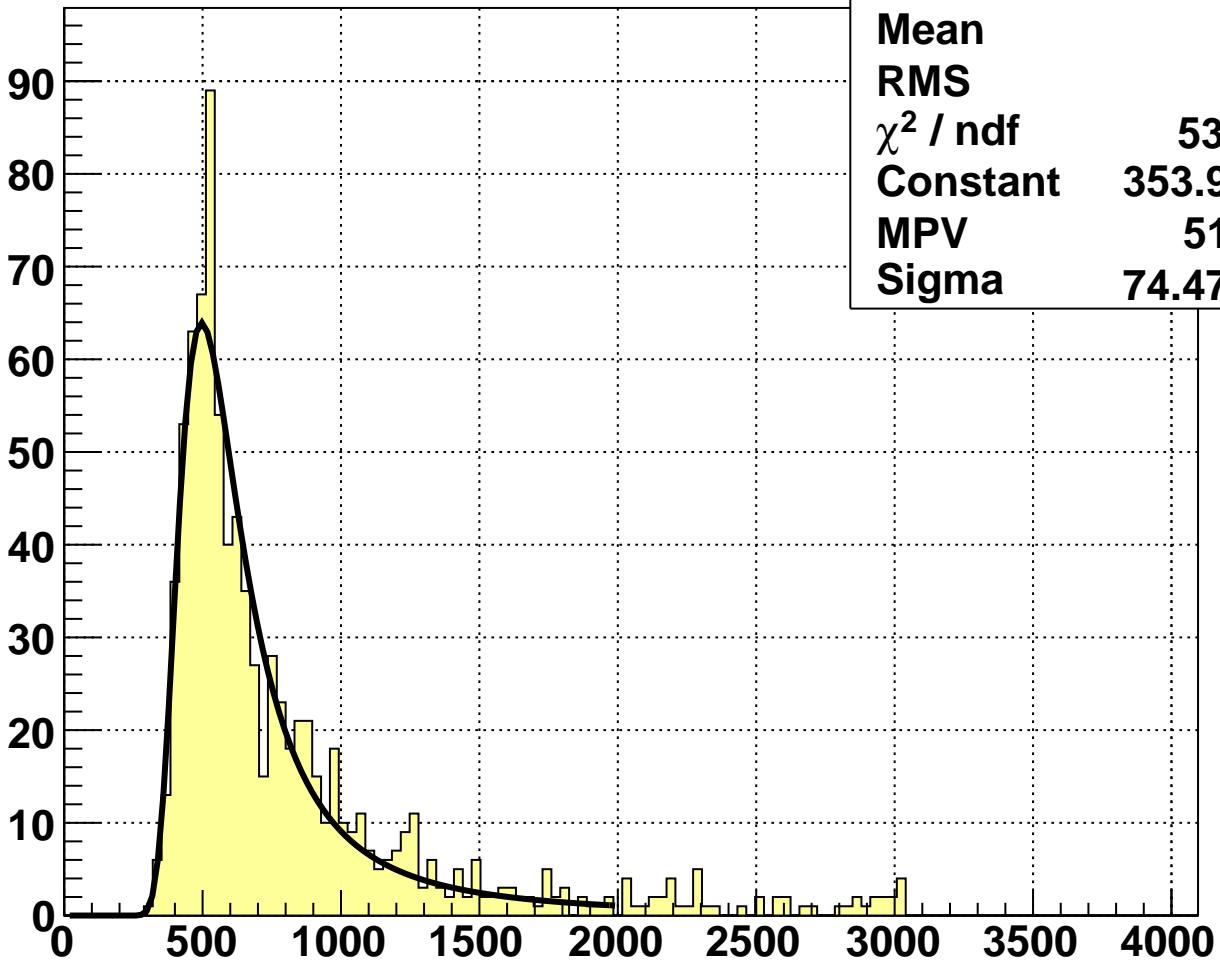


Entries	1554
Mean	726.3
RMS	427.7
χ^2 / ndf	65.22 / 50
Constant	789.1 ± 32.3
MPV	507.6 ± 3.4
Sigma	61.54 ± 2.04

FST - MIP peak non-ZS, RDO1_ARM1_PORT1_SEC1

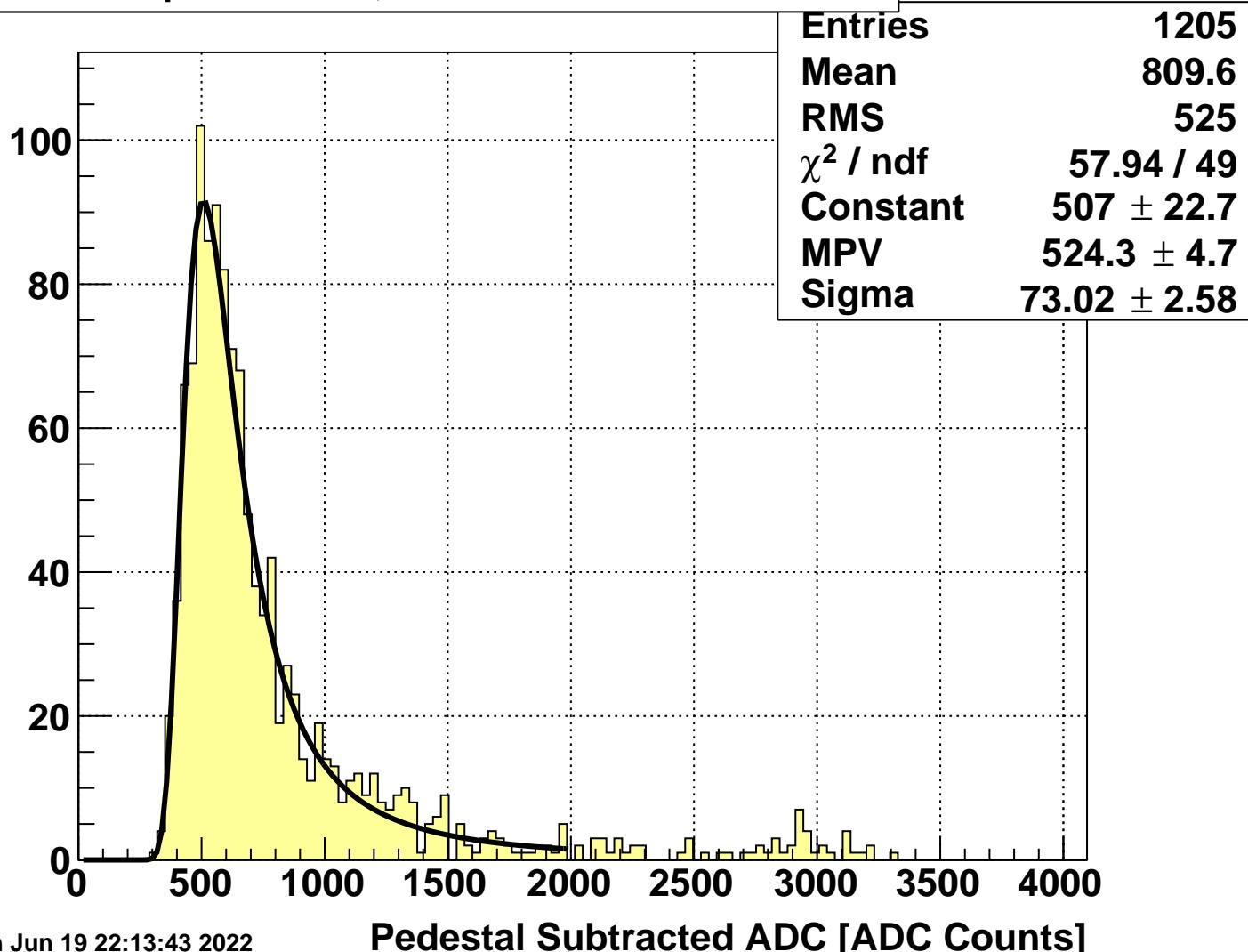
nonZS_Section_7

Entries	876
Mean	811.7
RMS	515.2
χ^2 / ndf	53.96 / 49
Constant	353.9 ± 20.3
MPV	513 ± 6.0
Sigma	74.47 ± 3.59



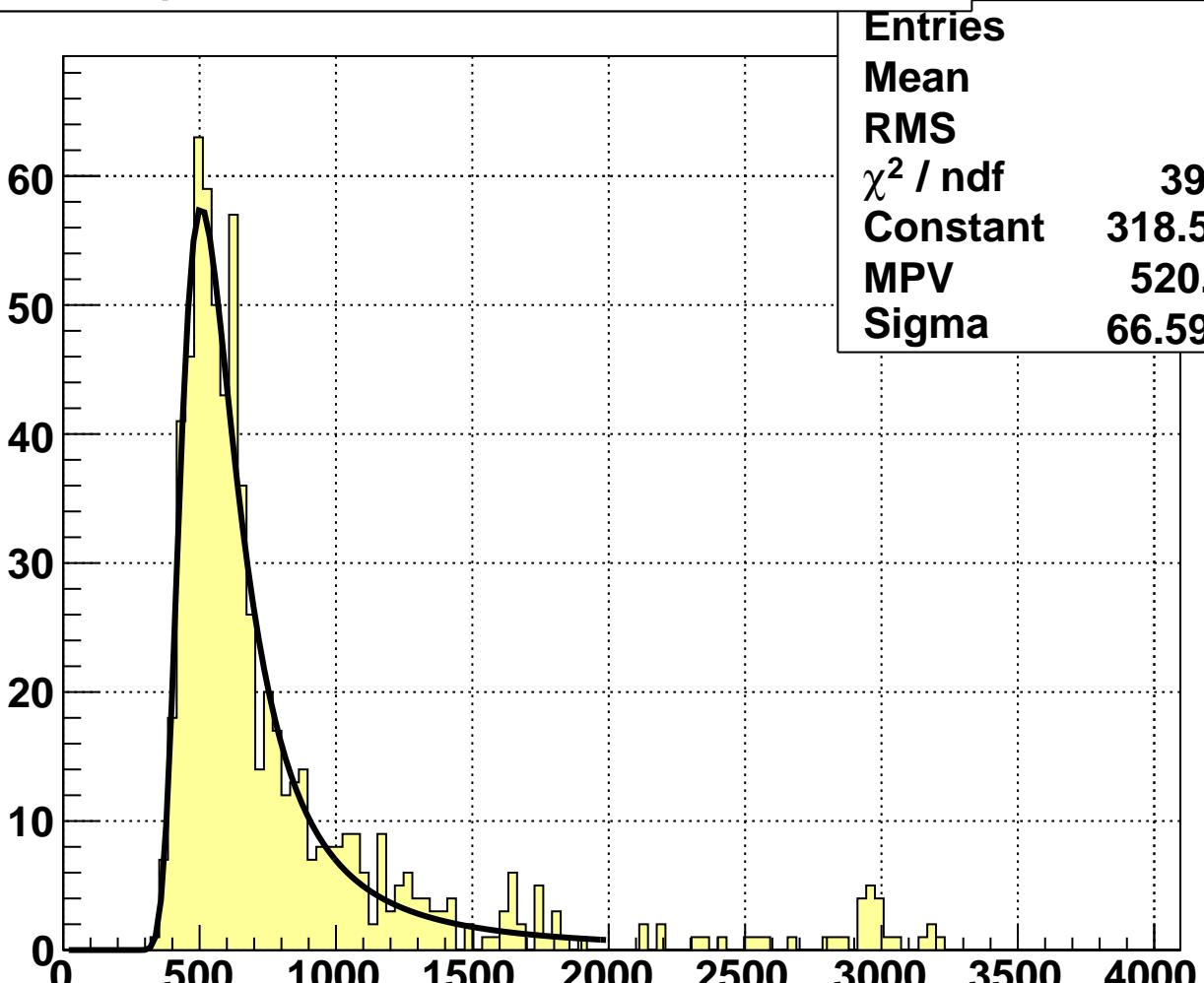
FST - MIP peak non-ZS, RDO1_ARM2_PORT0_SEC0

nonZS_Section_8



FST - MIP peak non-ZS, RDO1_ARM2_PORT0_SEC1

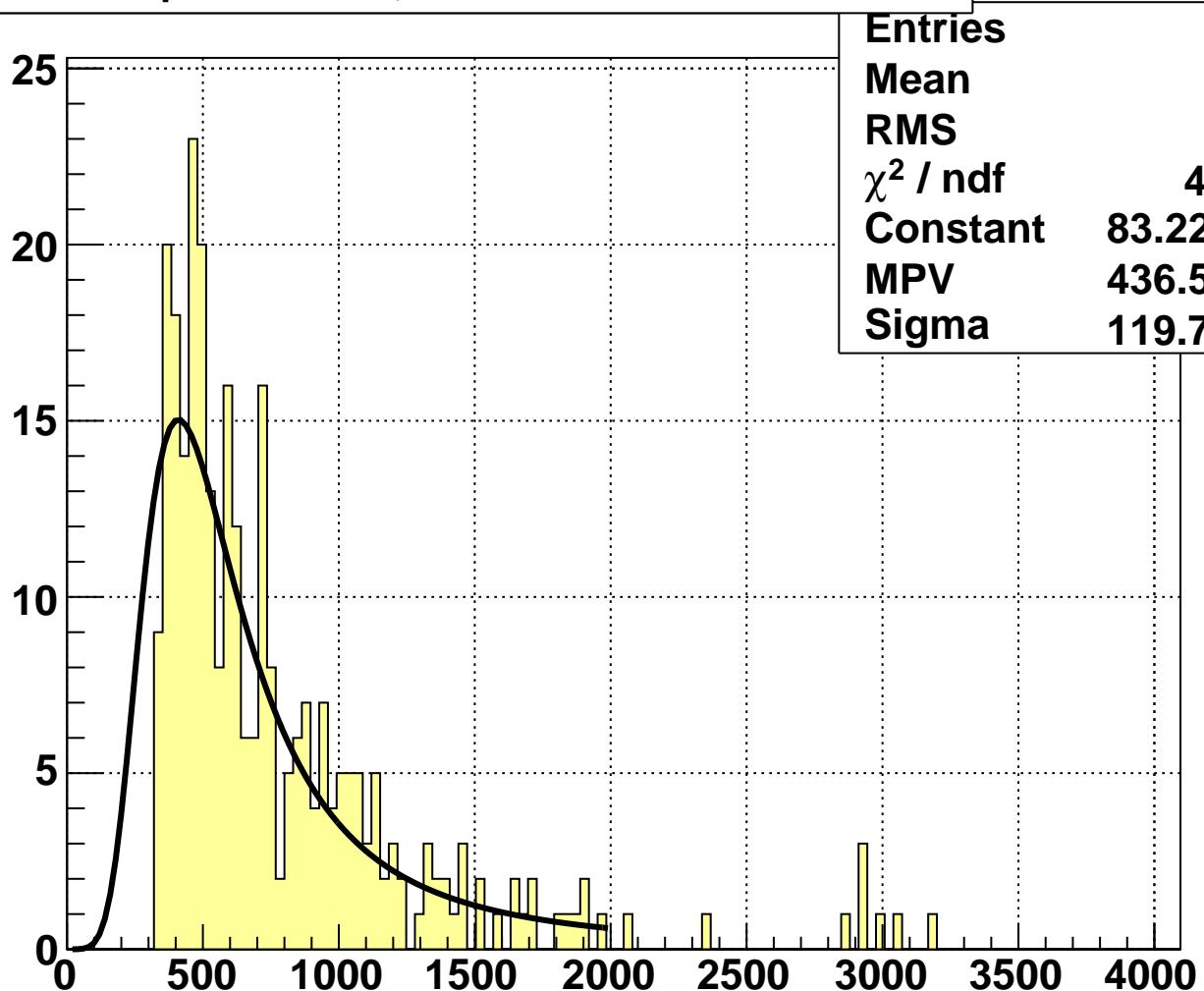
nonZS_Section_9



Entries	694
Mean	805.6
RMS	535.4
χ^2 / ndf	39.57 / 43
Constant	318.5 ± 19.2
MPV	520.7 ± 5.7
Sigma	66.59 ± 3.25

FST - MIP peak non-ZS, RDO1_ARM2_PORT1_SEC0

nonZS_Section_10

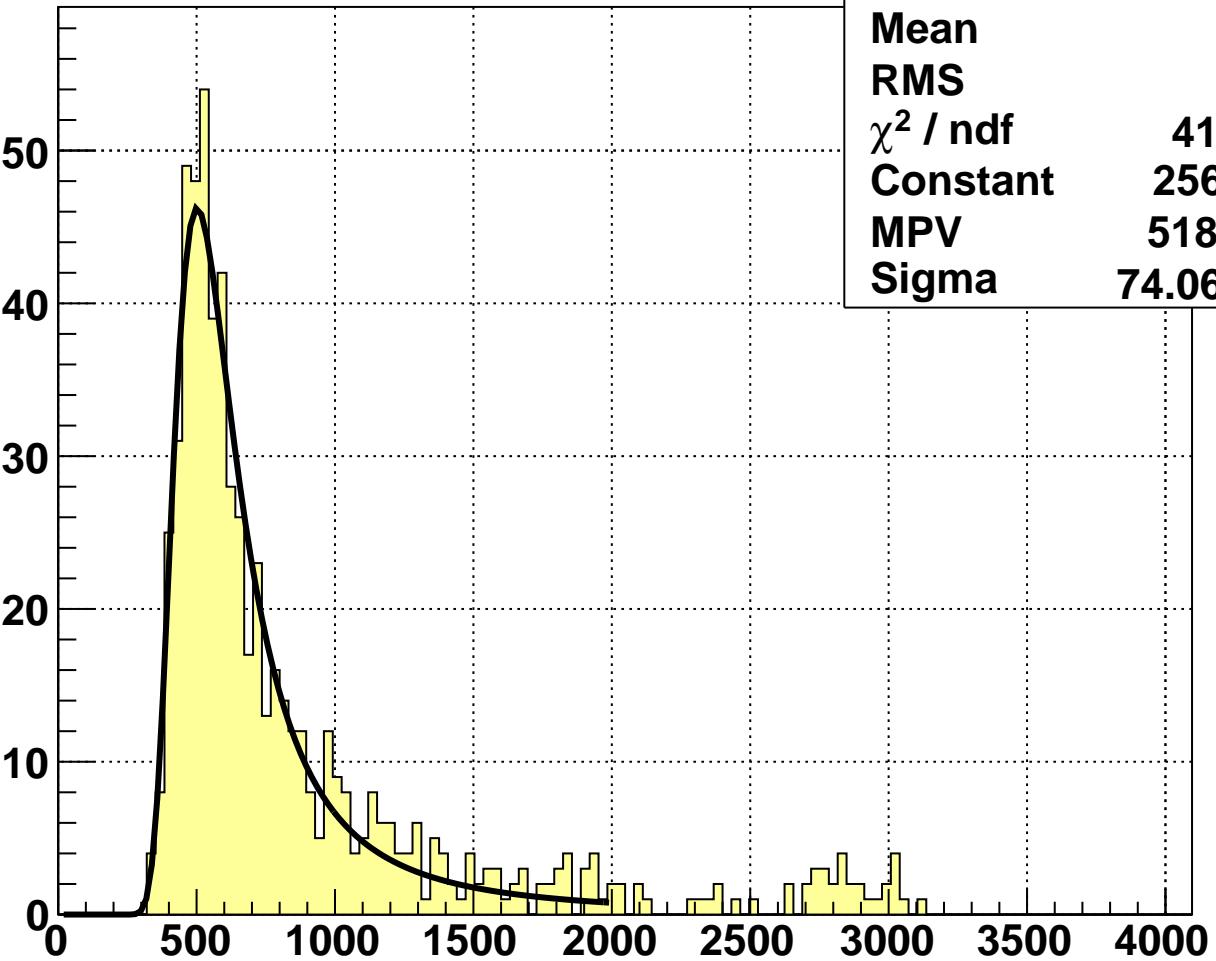


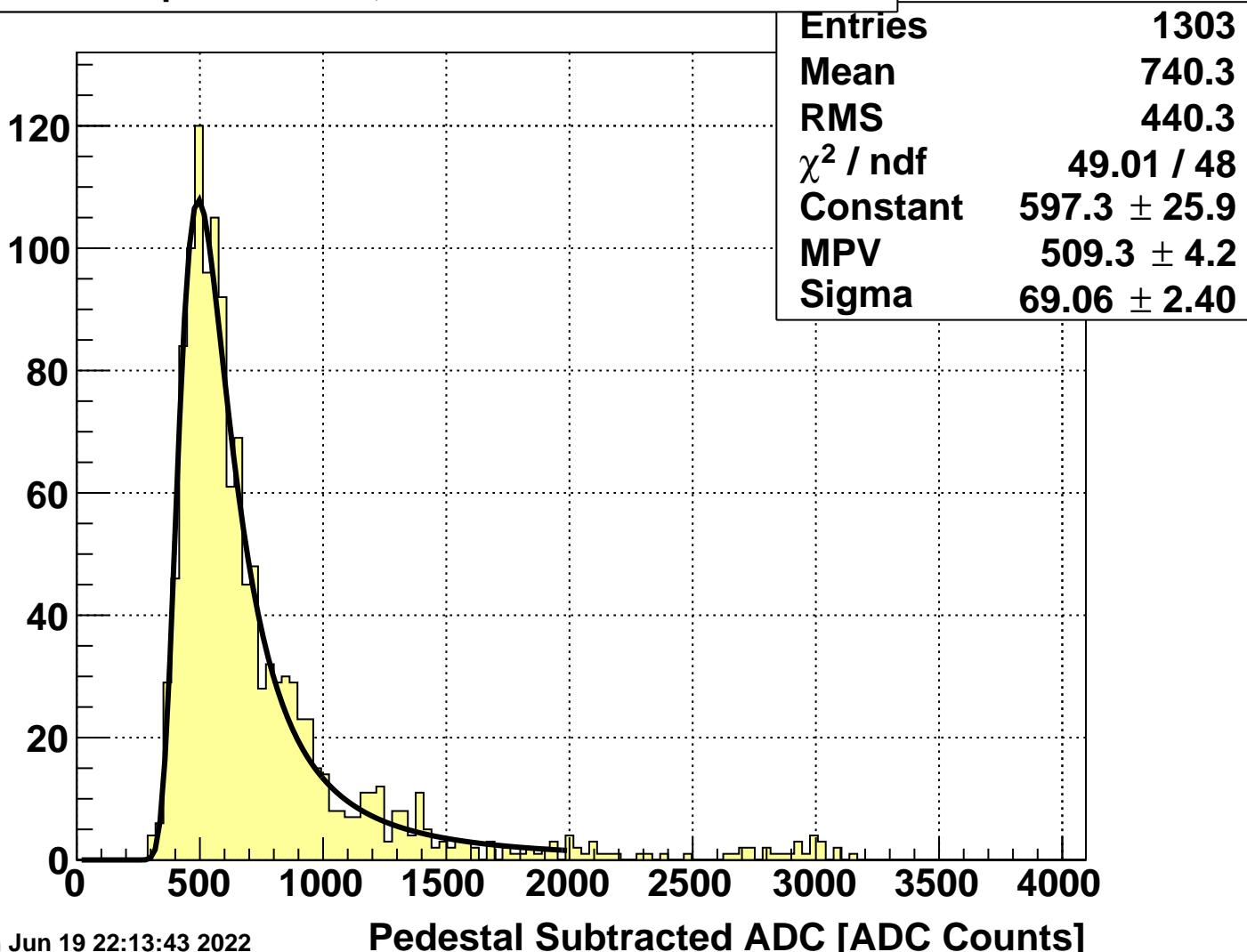
Entries	289
Mean	789
RMS	510.4
χ^2 / ndf	40.8 / 42
Constant	83.22 ± 9.24
MPV	436.5 ± 41.7
Sigma	119.7 ± 20.5

FST - MIP peak non-ZS, RDO1_ARM2_PORT1_SEC1

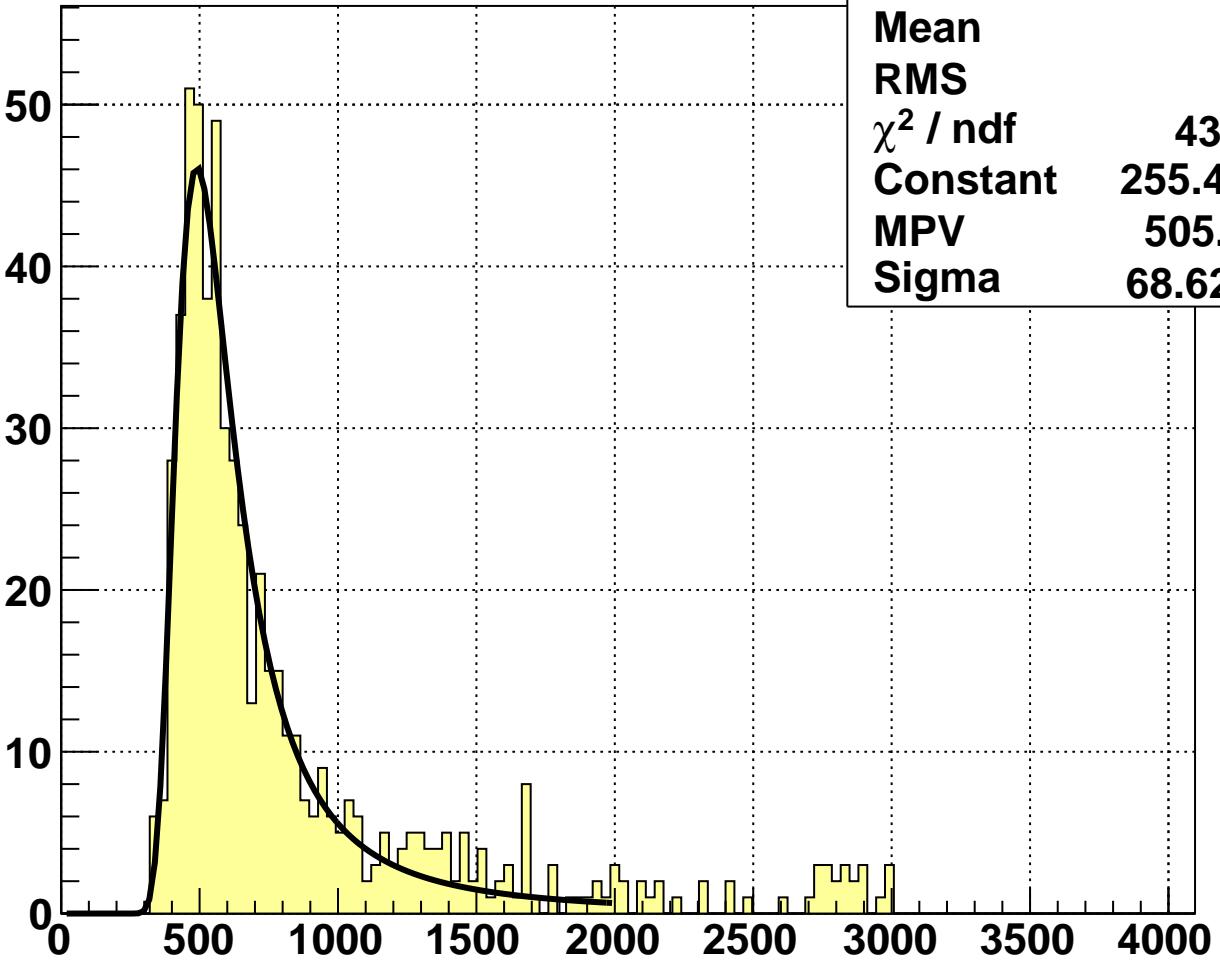
nonZS_Section_11

Entries	640
Mean	870.2
RMS	597.2
χ^2 / ndf	41.18 / 48
Constant	256 ± 17.4
MPV	518.1 ± 6.9
Sigma	74.06 ± 4.28





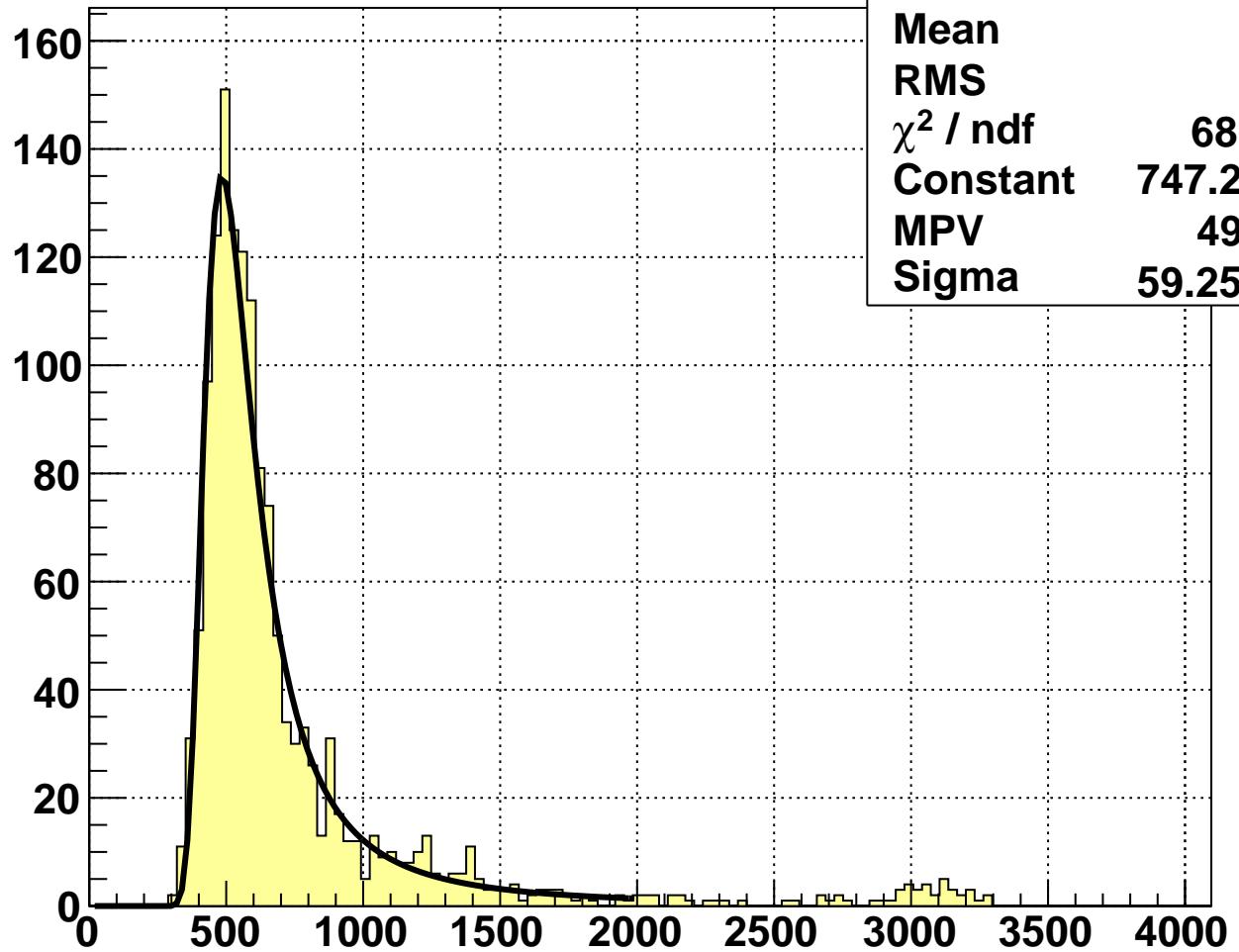
Entries	596
Mean	836.2
RMS	564.8
χ^2 / ndf	43.42 / 48
Constant	255.4 ± 18.7
MPV	505.6 ± 6.7
Sigma	68.62 ± 4.31



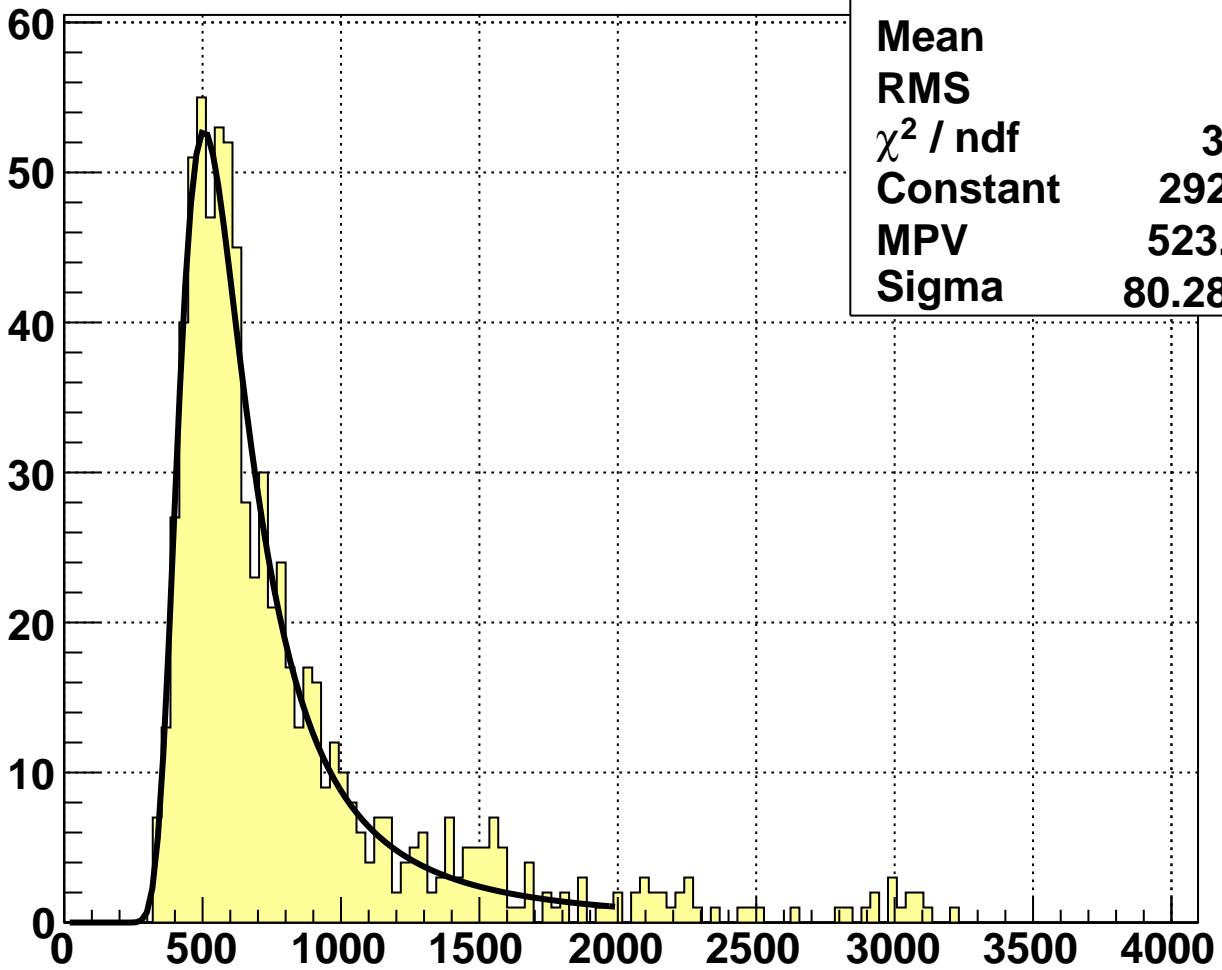
FST - MIP peak non-ZS, RDO2_ARM0_PORT1_SEC0

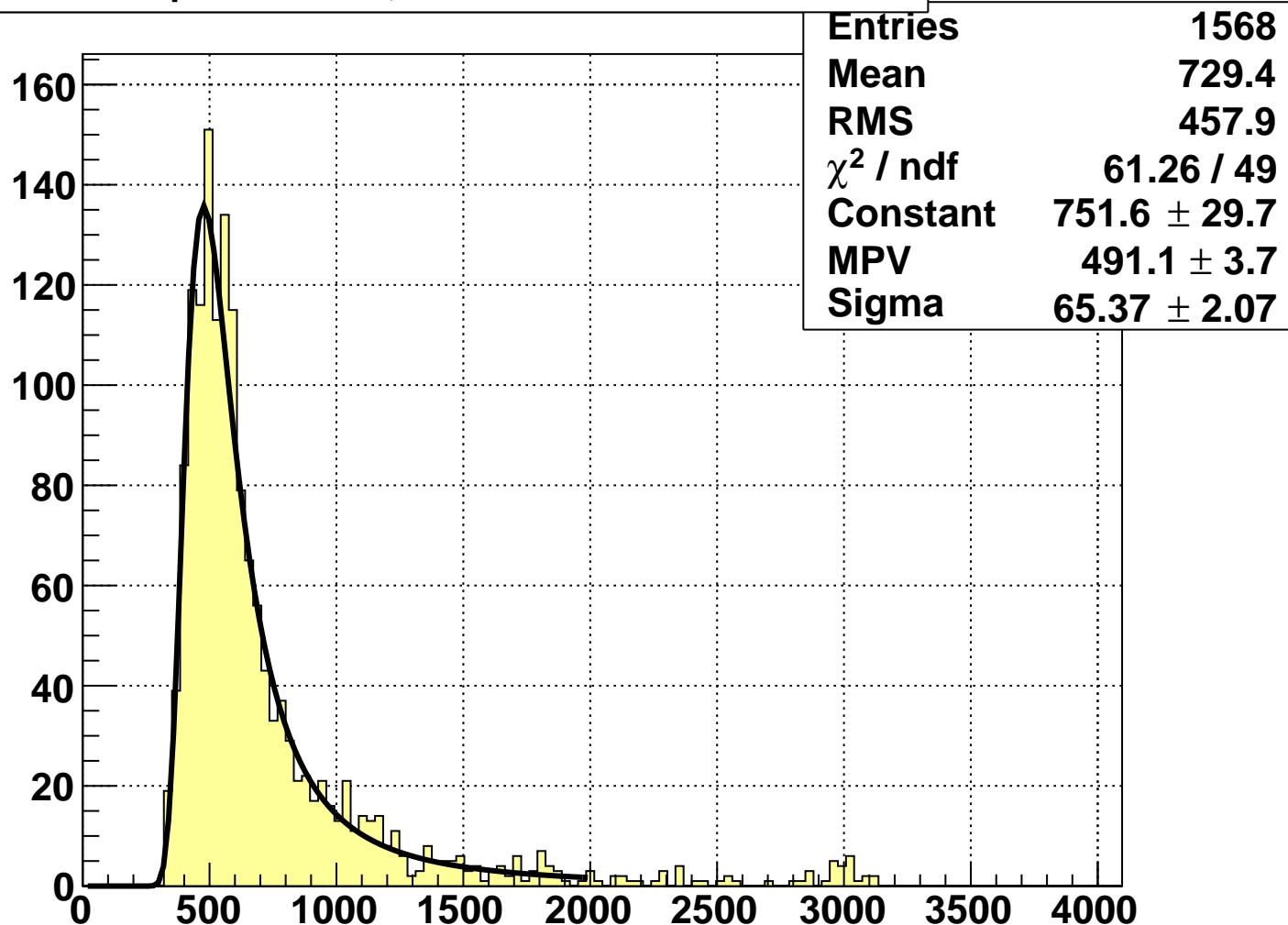
nonZS_Section_14

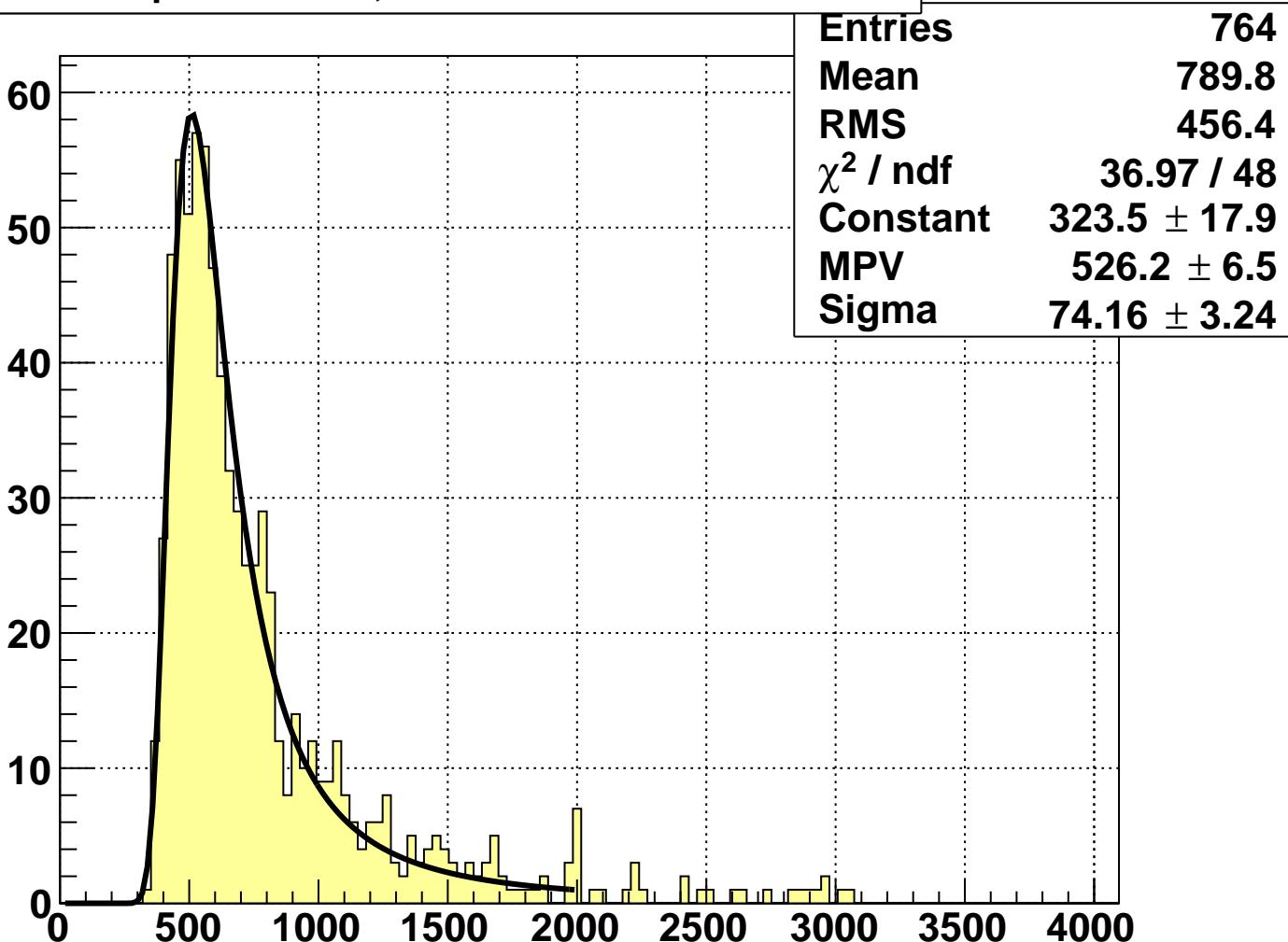
Entries	1445
Mean	740.7
RMS	502
χ^2 / ndf	68.82 / 49
Constant	747.2 ± 33.4
MPV	498 ± 3.5
Sigma	59.25 ± 2.20



Entries	755
Mean	817.7
RMS	512.5
χ^2 / ndf	36.3 / 47
Constant	292 ± 17.2
MPV	523.4 ± 6.6
Sigma	80.28 ± 3.98

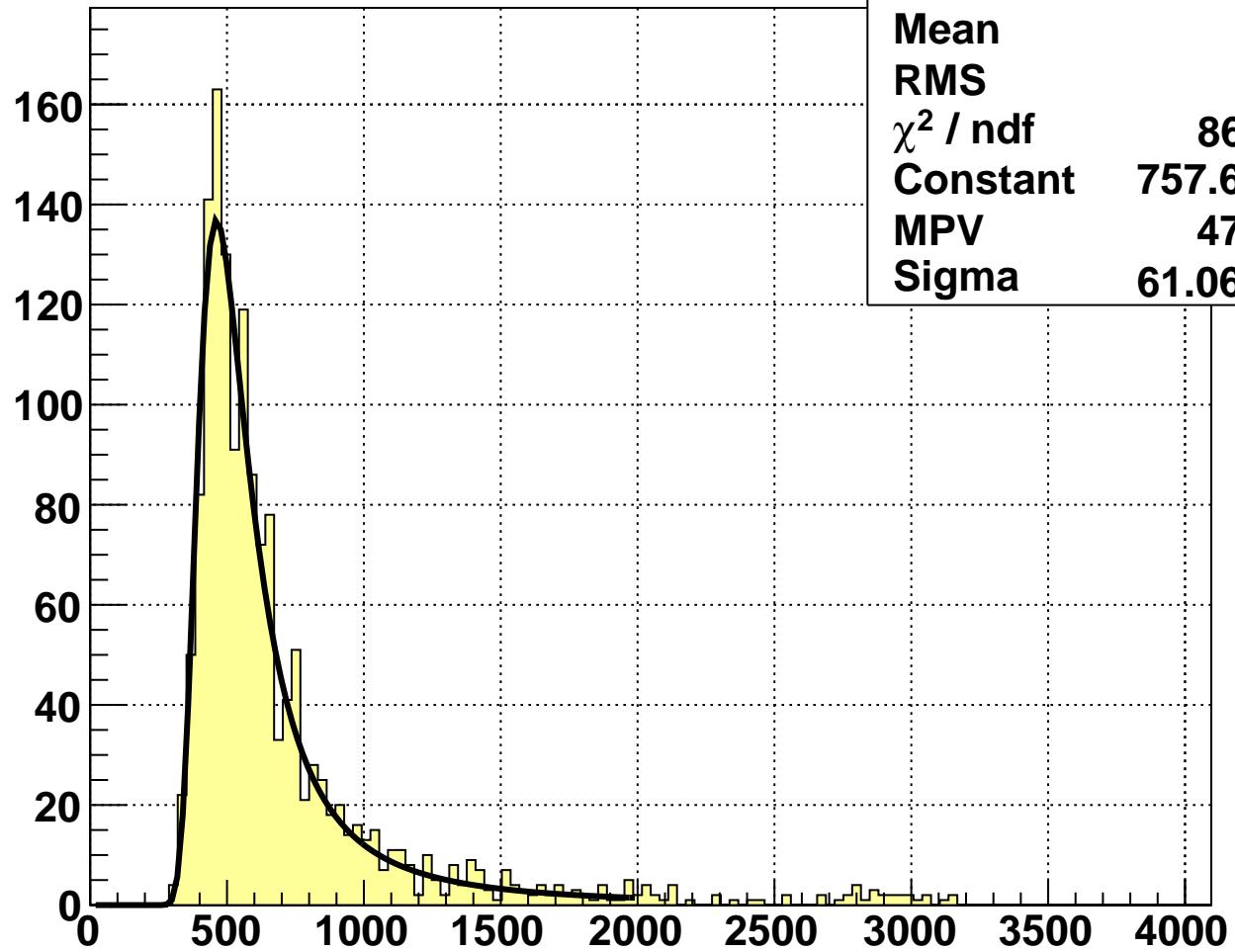




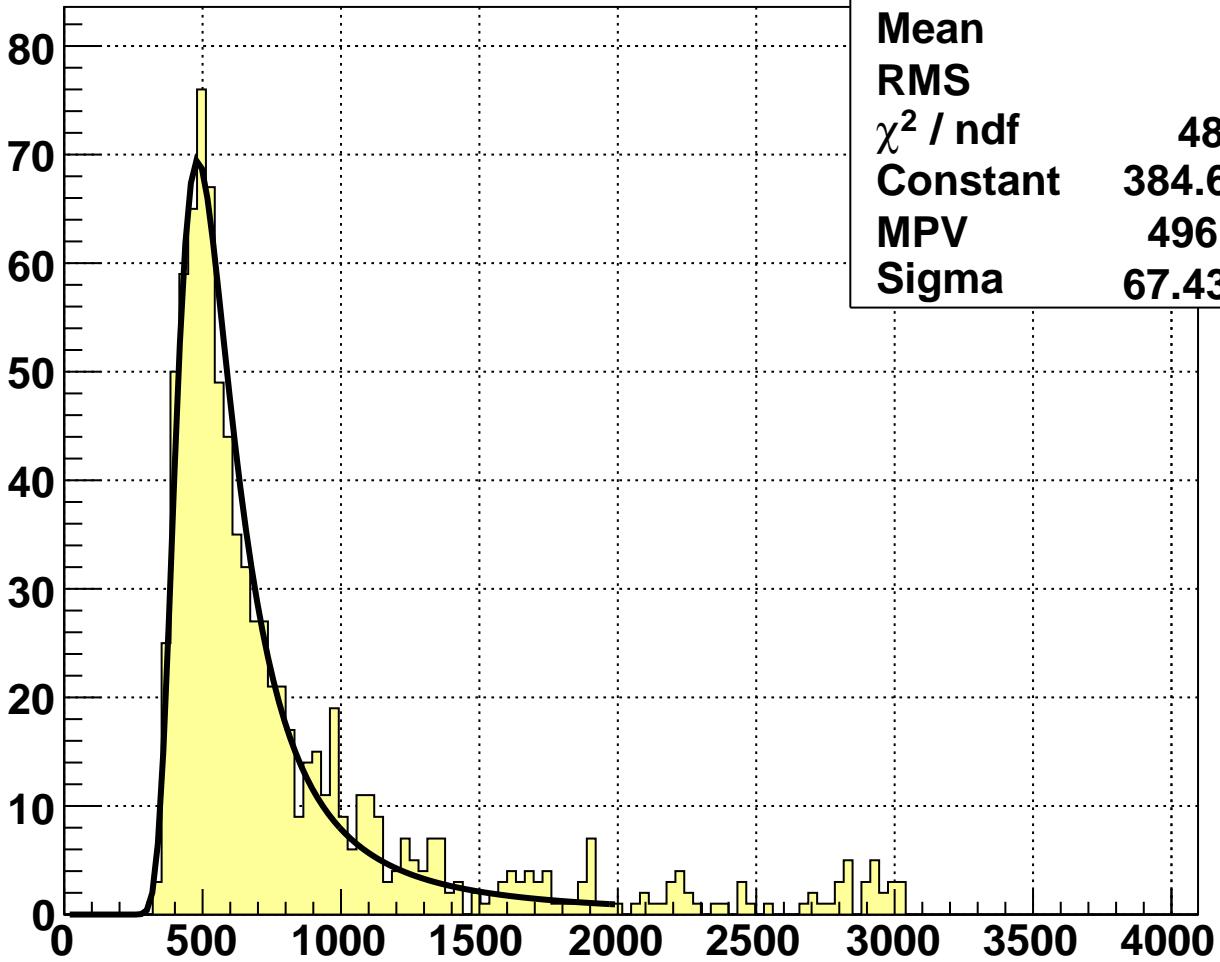


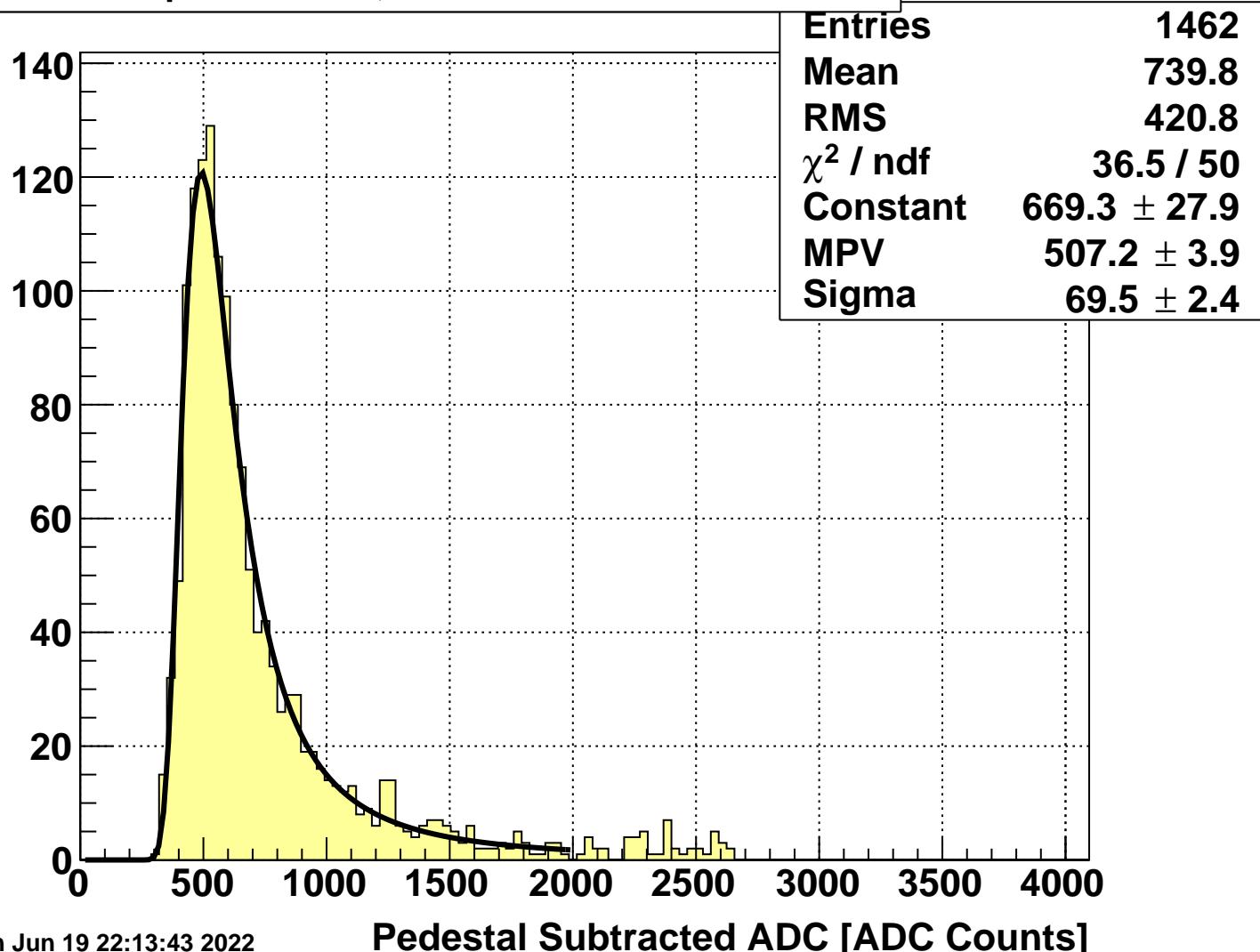
FST - MIP peak non-ZS, RDO2_ARM1_PORT1_SEC0**nonZS_Section_18**

Entries	1514
Mean	710.6
RMS	451.1
χ^2 / ndf	86.36 / 51
Constant	757.6 ± 31.6
MPV	475 ± 3.5
Sigma	61.06 ± 2.05

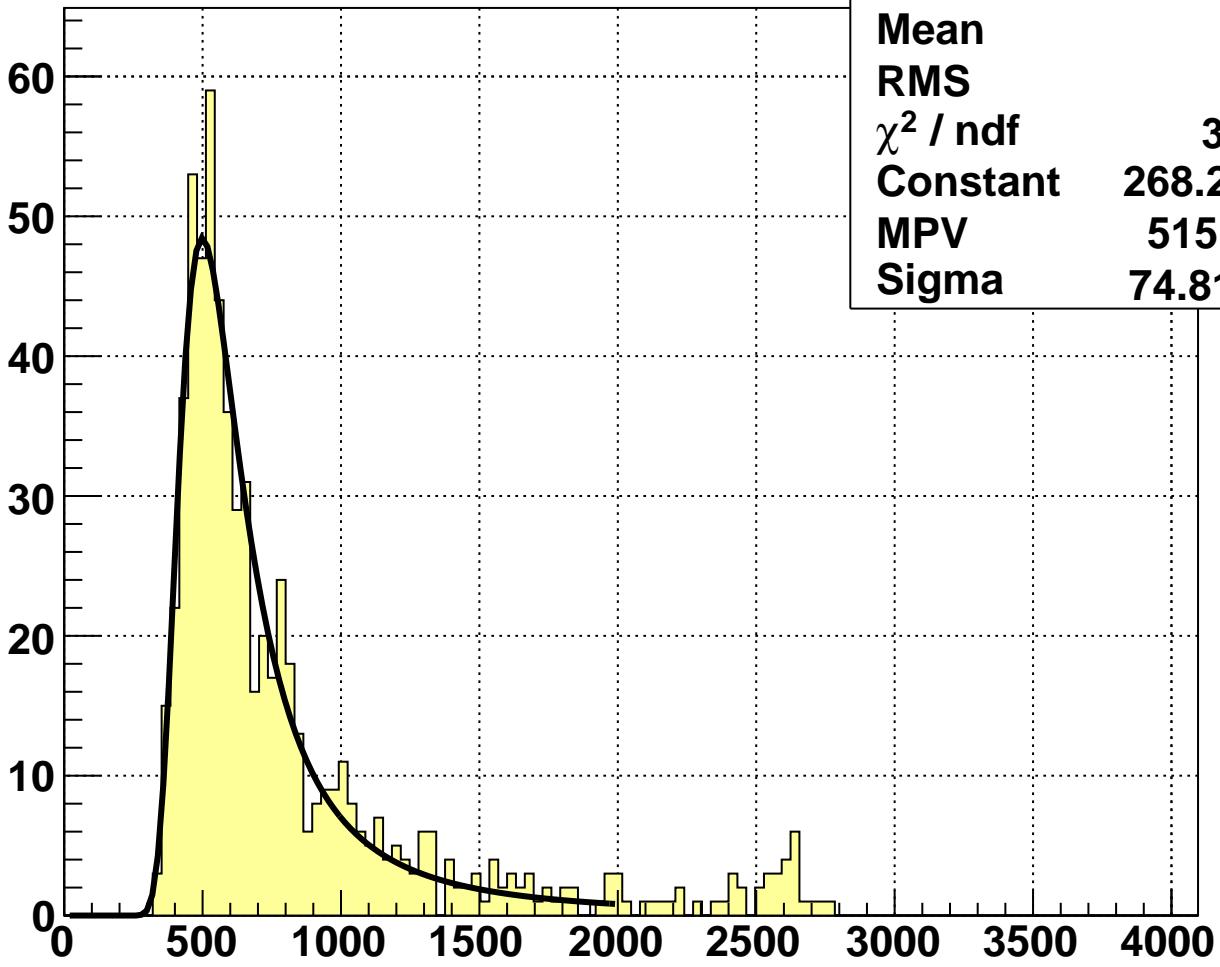


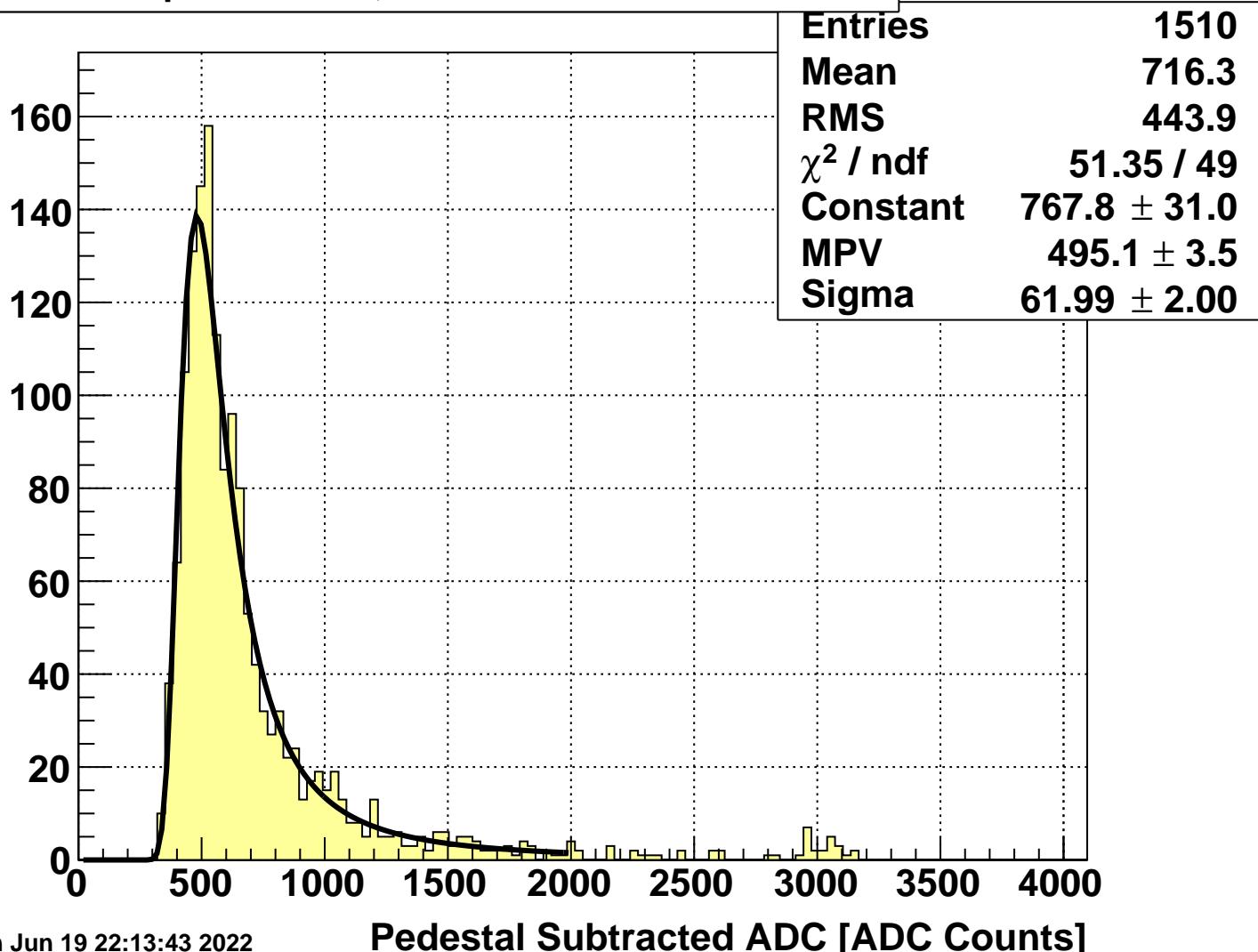
Entries	867
Mean	820.7
RMS	561.5
χ^2 / ndf	48.83 / 49
Constant	384.6 ± 21.3
MPV	496.5 ± 5.7
Sigma	67.43 ± 3.05



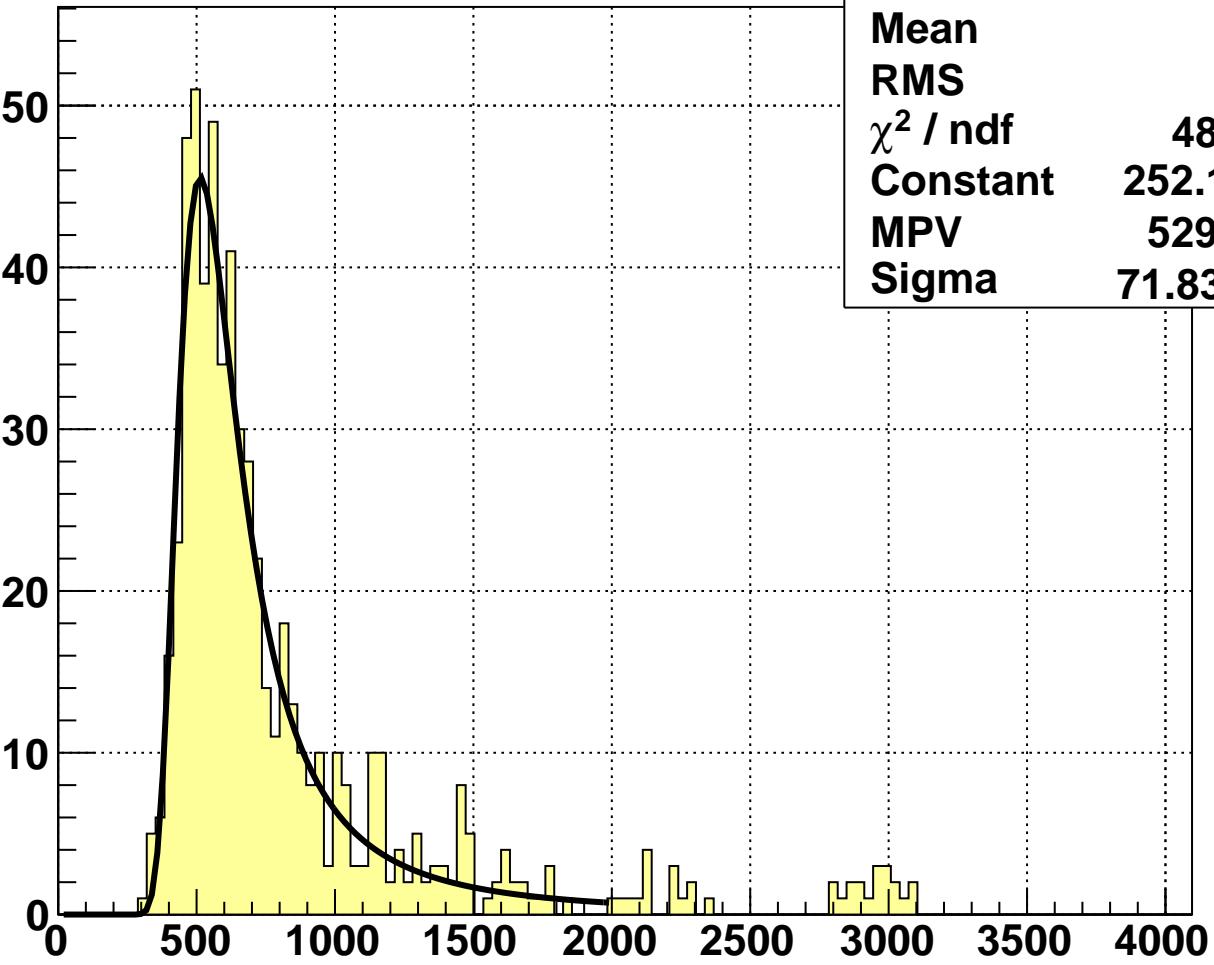


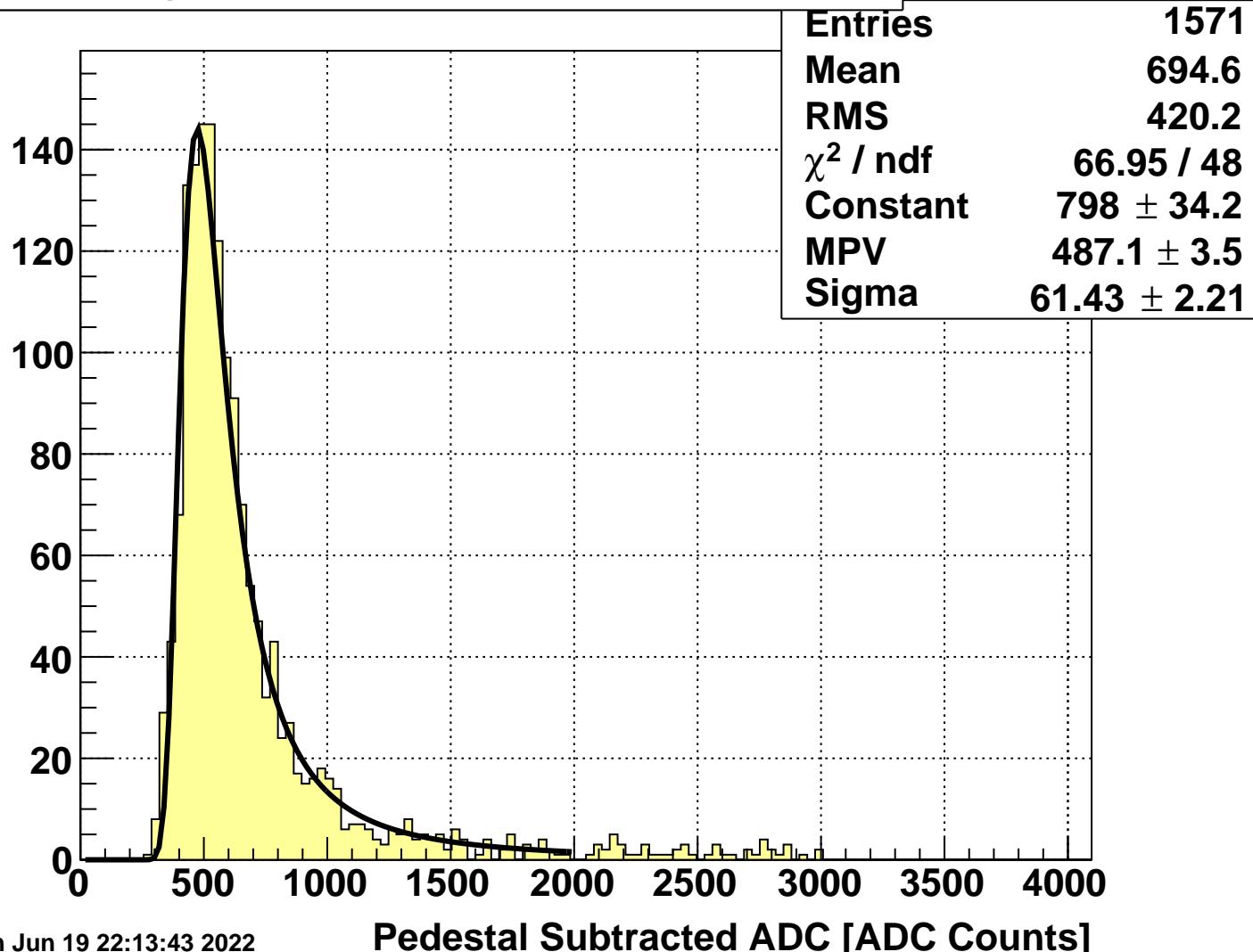
Entries	659
Mean	821.4
RMS	521
χ^2 / ndf	35.4 / 47
Constant	268.2 ± 17.3
MPV	515.2 ± 6.8
Sigma	74.81 ± 4.04



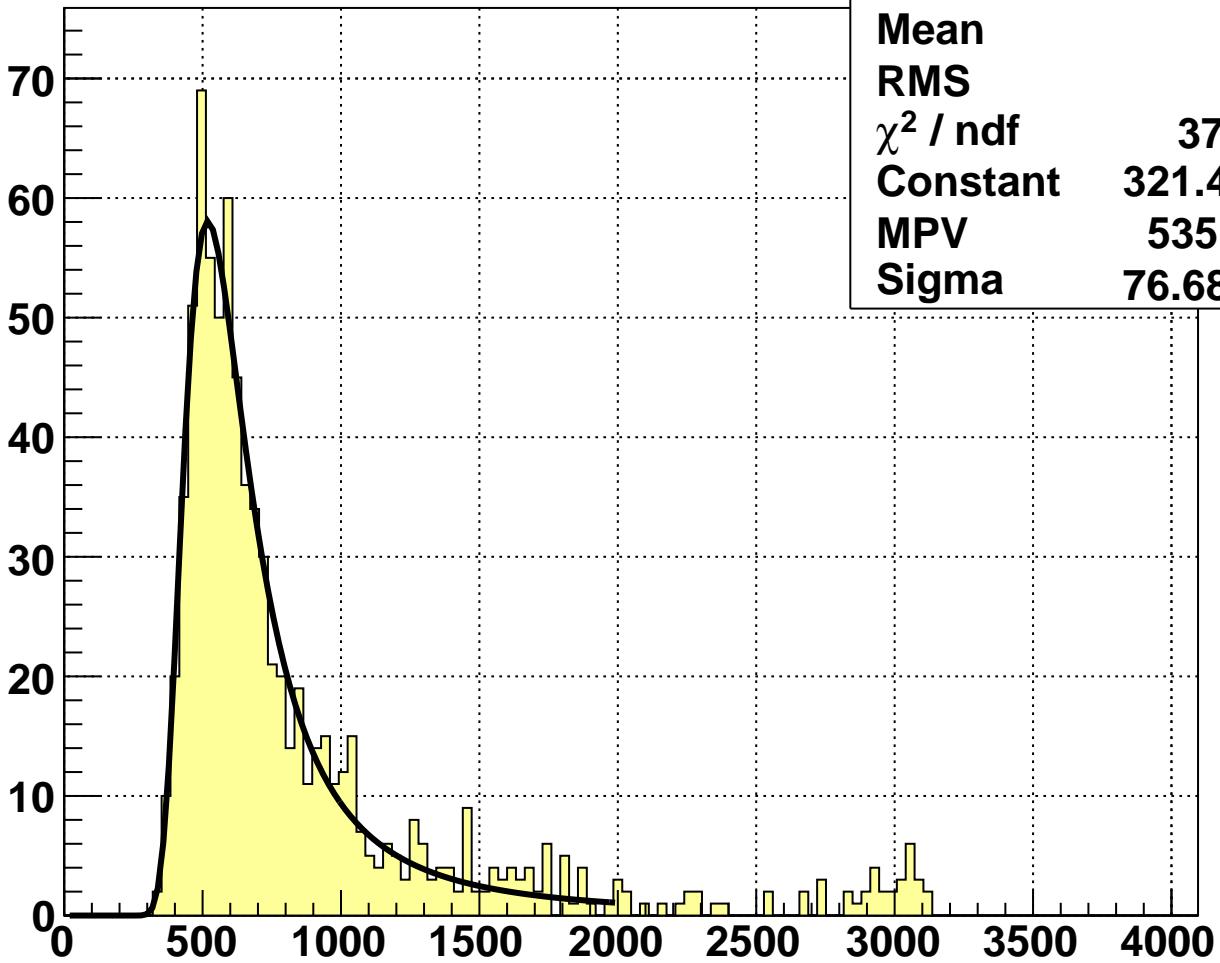


Entries	611
Mean	824.5
RMS	530.9
χ^2 / ndf	48.67 / 45
Constant	252.1 ± 17.6
MPV	529.1 ± 6.6
Sigma	71.83 ± 4.26



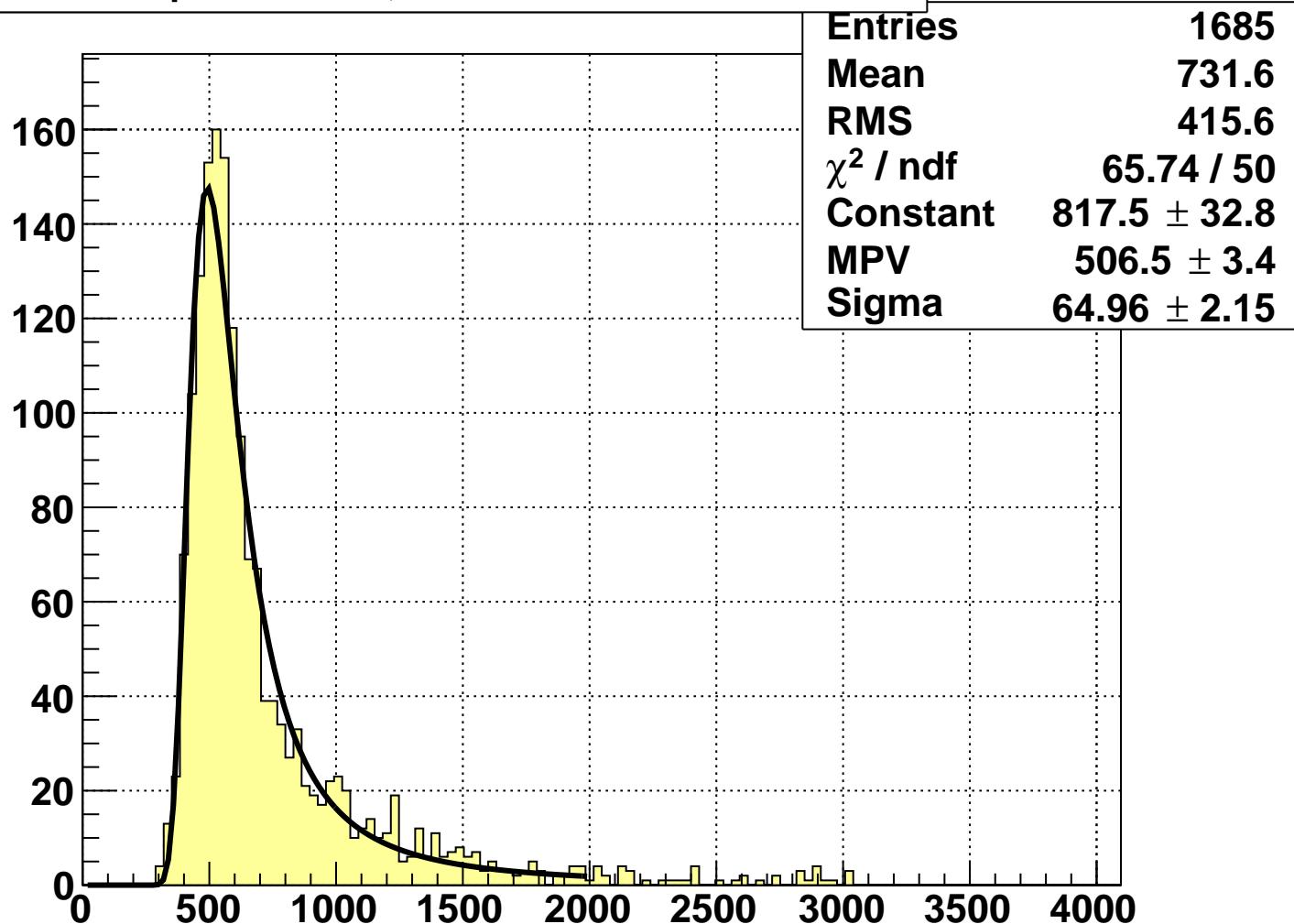


Entries	805
Mean	860.3
RMS	572.8
χ^2 / ndf	37.97 / 48
Constant	321.4 ± 18.2
MPV	535.5 ± 6.2
Sigma	76.68 ± 3.55

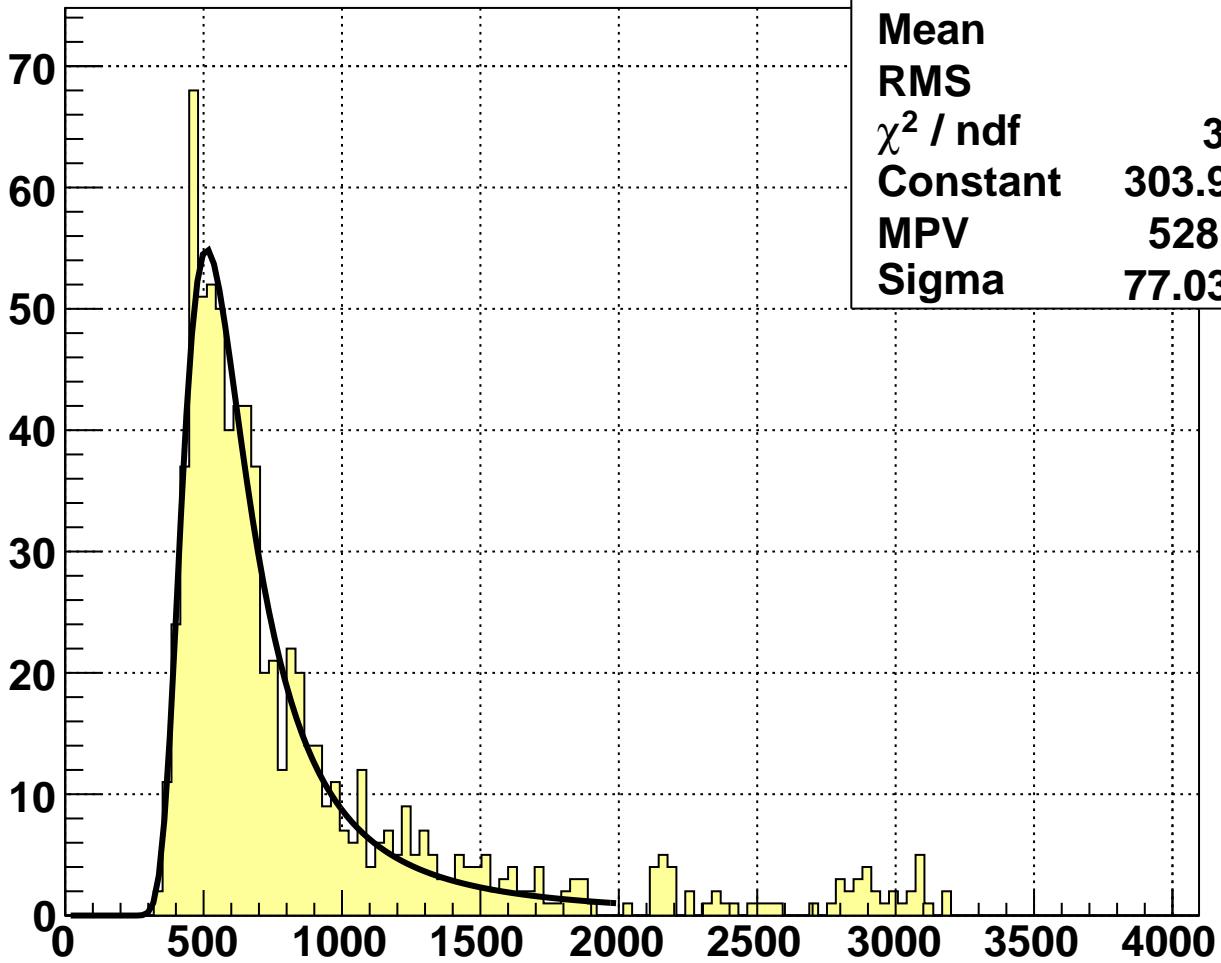


FST - MIP peak non-ZS, RDO3_ARM0_PORT1_SEC0

nonZS_Section_26



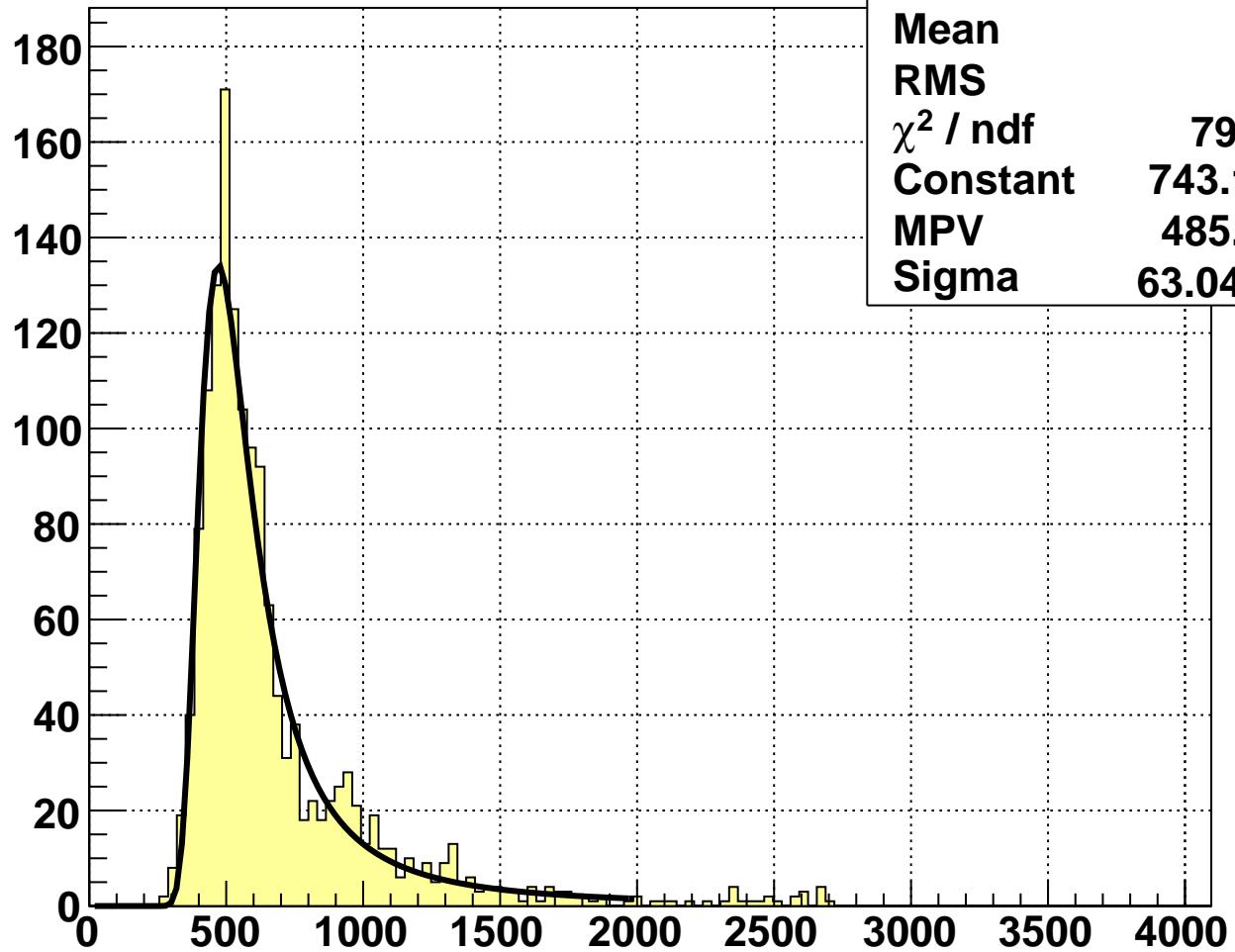
Entries	779
Mean	867.8
RMS	587.8
χ^2 / ndf	38.9 / 47
Constant	303.9 ± 17.7
MPV	528.5 ± 6.7
Sigma	77.03 ± 3.67



FST - MIP peak non-ZS, RDO3_ARM1_PORT0_SEC0

nonZS_Section_28

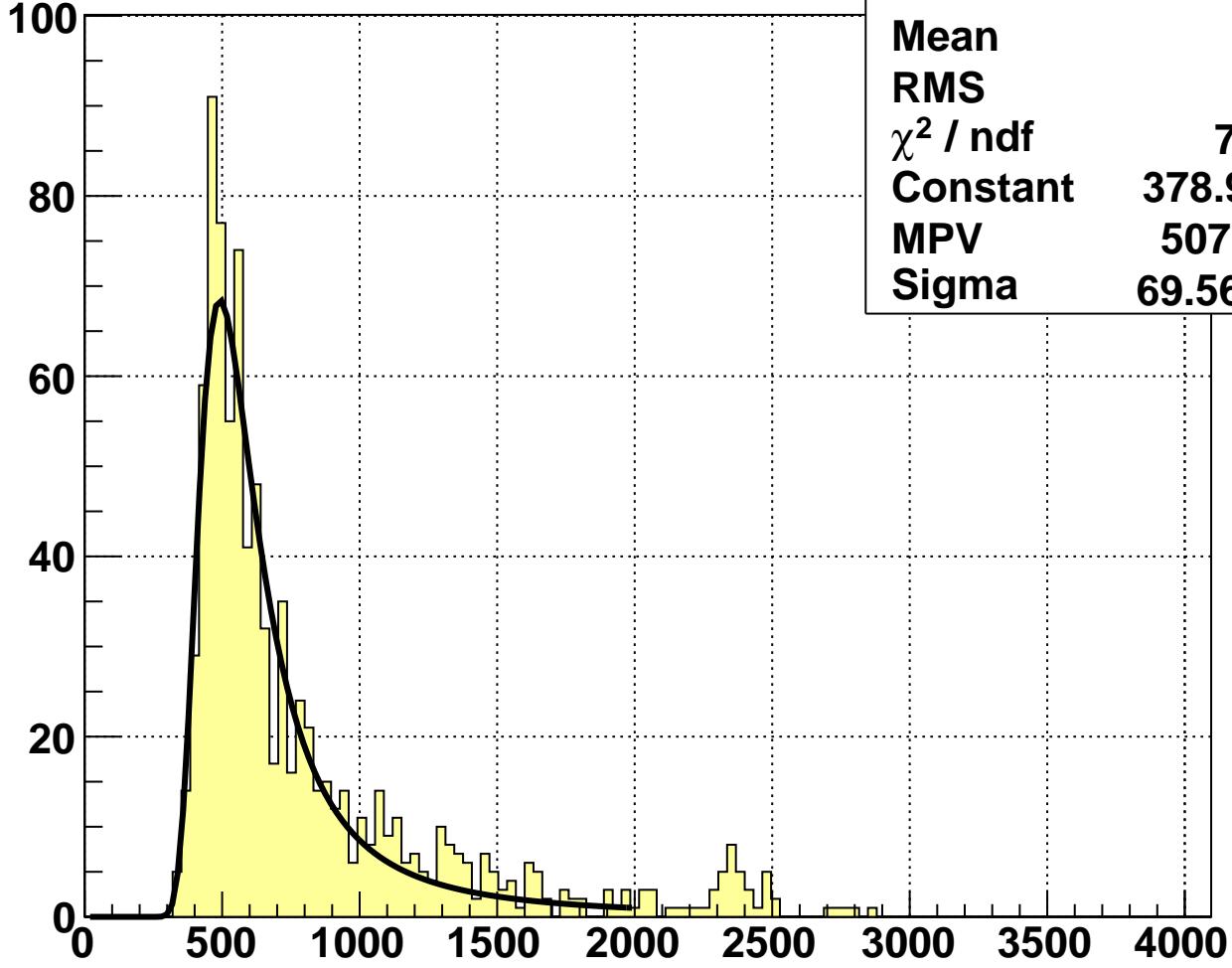
Entries	1499
Mean	684.9
RMS	365.1
χ^2 / ndf	79.96 / 50
Constant	743.1 ± 32.1
MPV	485.6 ± 3.5
Sigma	63.04 ± 2.26



FST - MIP peak non-ZS, RDO3_ARM1_PORT0_SEC1

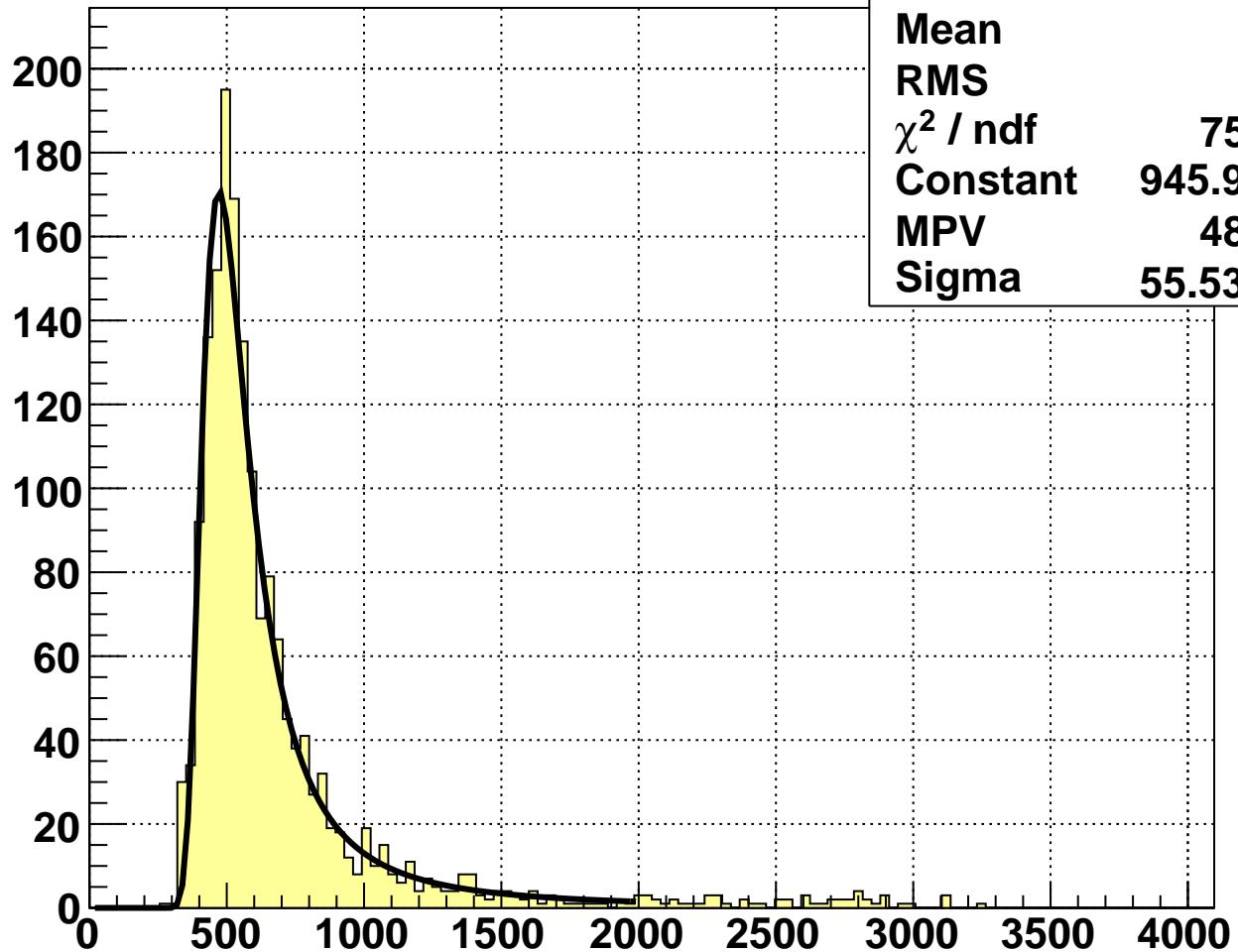
nonZS_Section_29

Entries	903
Mean	808.3
RMS	493.1
χ^2 / ndf	78.5 / 47
Constant	378.9 ± 23.1
MPV	507.2 ± 5.7
Sigma	69.56 ± 3.69



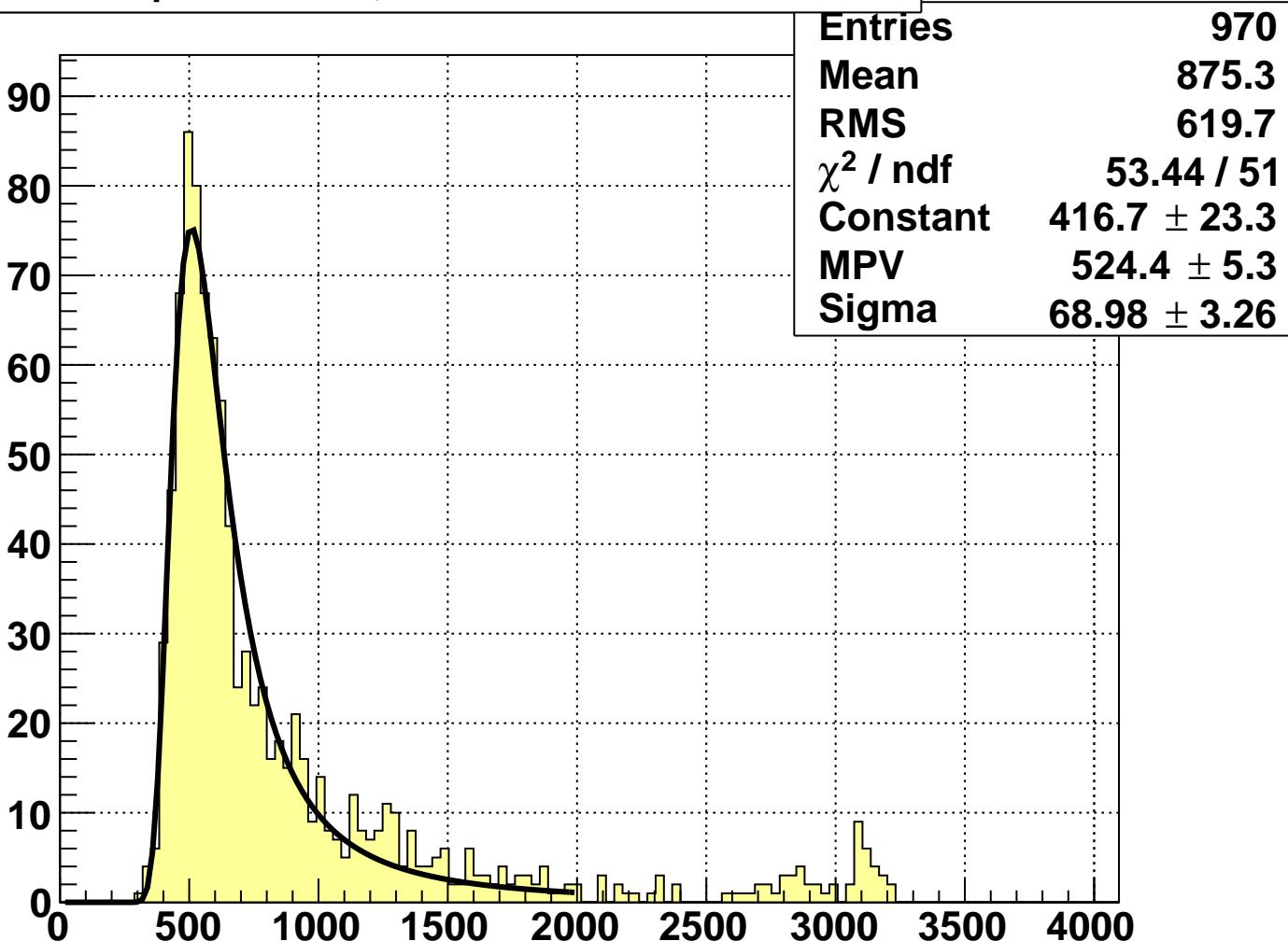
FST - MIP peak non-ZS, RDO3_ARM1_PORT1_SEC0**nonZS_Section_30**

Entries	1702
Mean	688.1
RMS	423.7
χ^2 / ndf	75.09 / 51
Constant	945.9 ± 37.5
MPV	484 ± 3.0
Sigma	55.53 ± 1.78

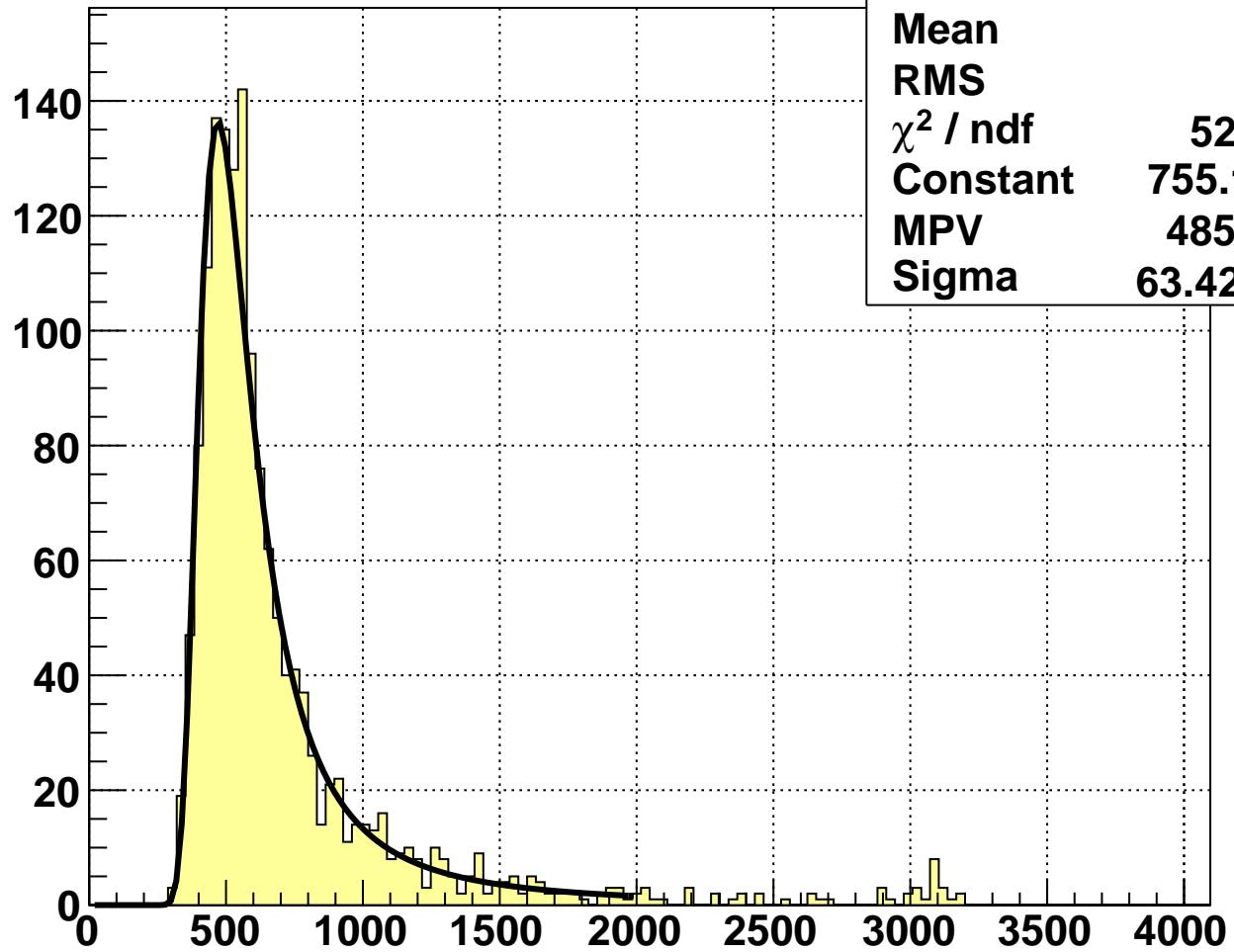


FST - MIP peak non-ZS, RDO3_ARM1_PORT1_SEC1

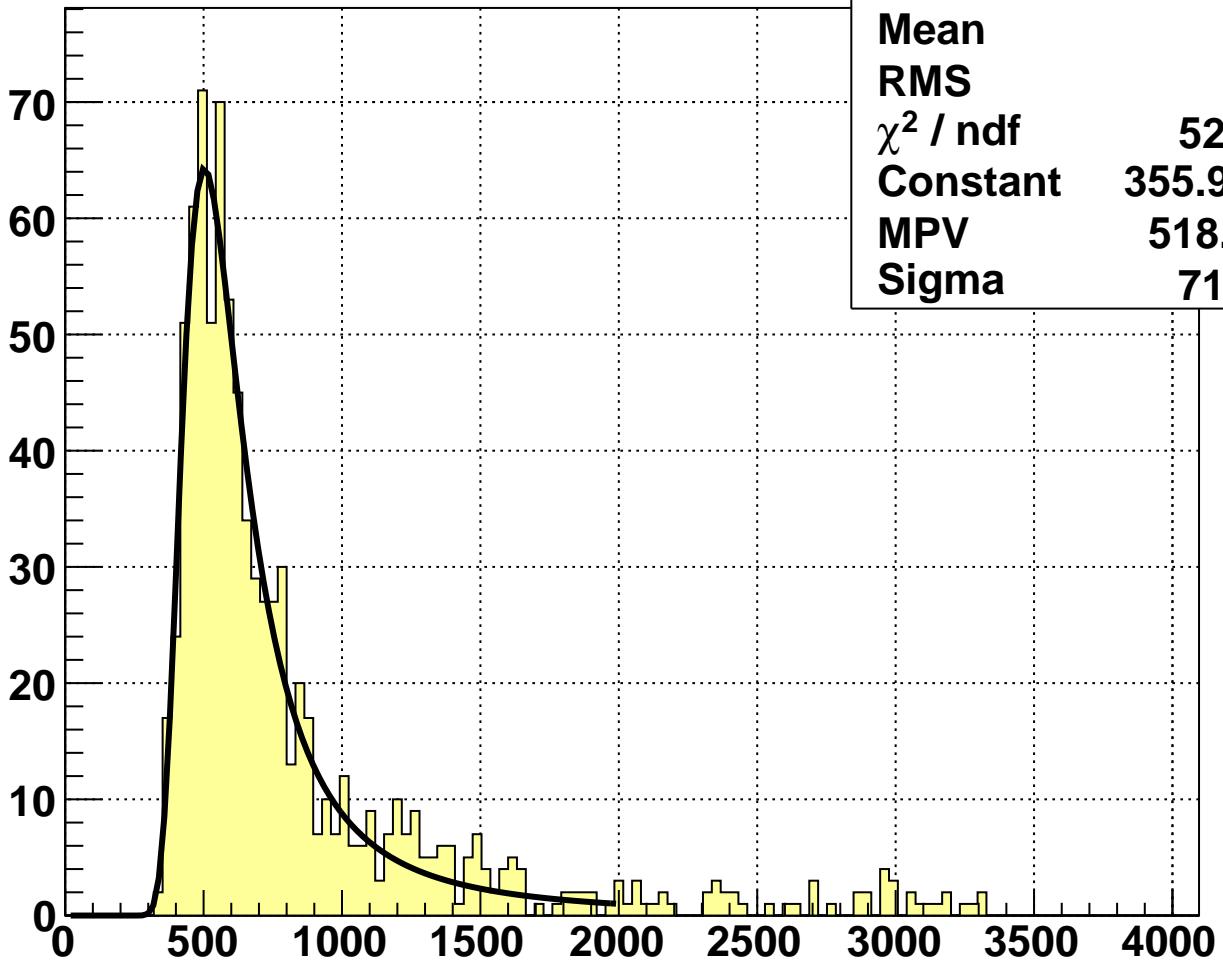
nonZS_Section_31



Entries	1522
Mean	711.4
RMS	452.6
χ^2 / ndf	52.77 / 50
Constant	755.1 ± 30.1
MPV	485.1 ± 3.6
Sigma	63.42 ± 2.00

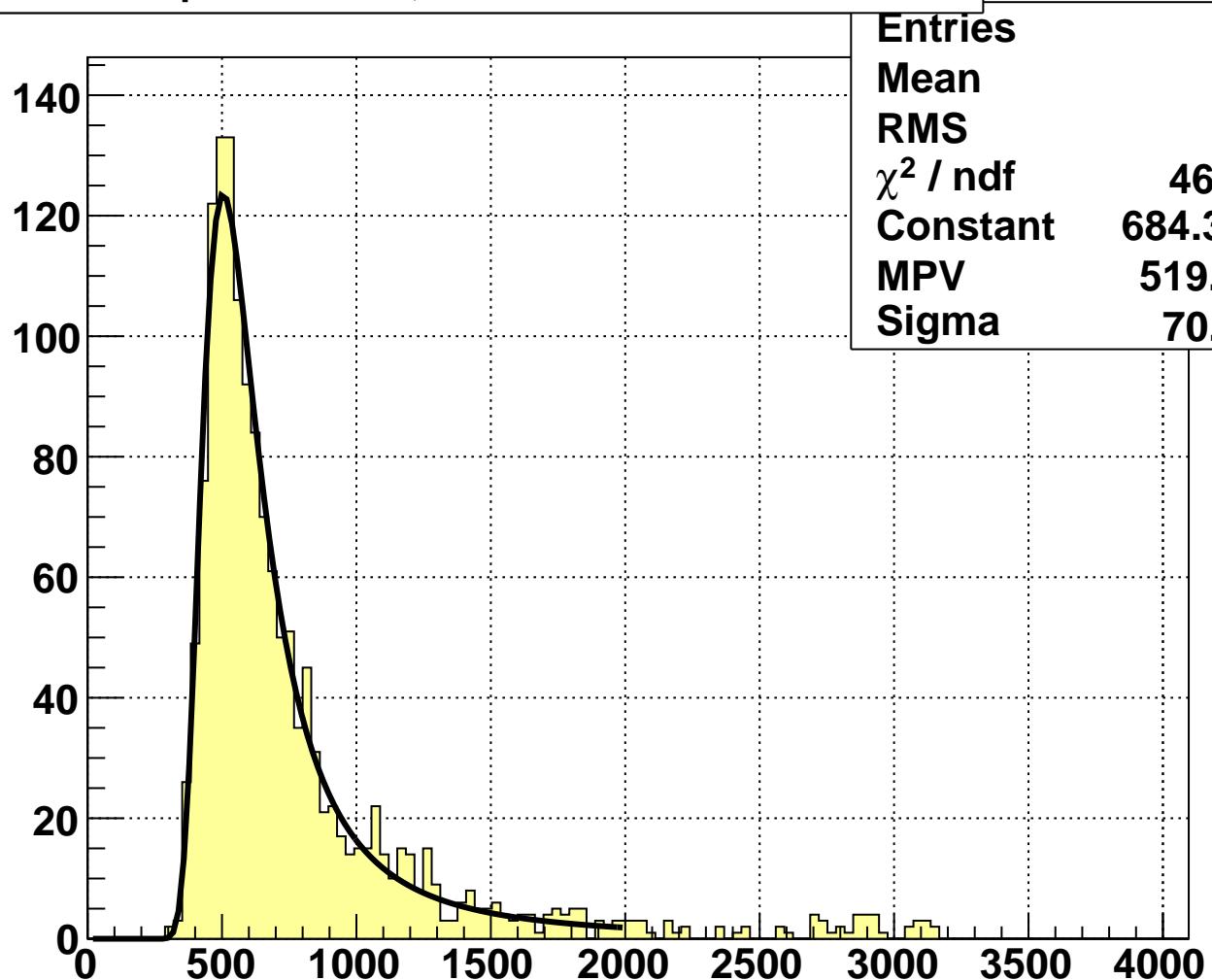


Entries	851
Mean	834.7
RMS	559.8
χ^2 / ndf	52.17 / 47
Constant	355.9 ± 19.3
MPV	518.9 ± 5.7
Sigma	71.8 ± 3.1



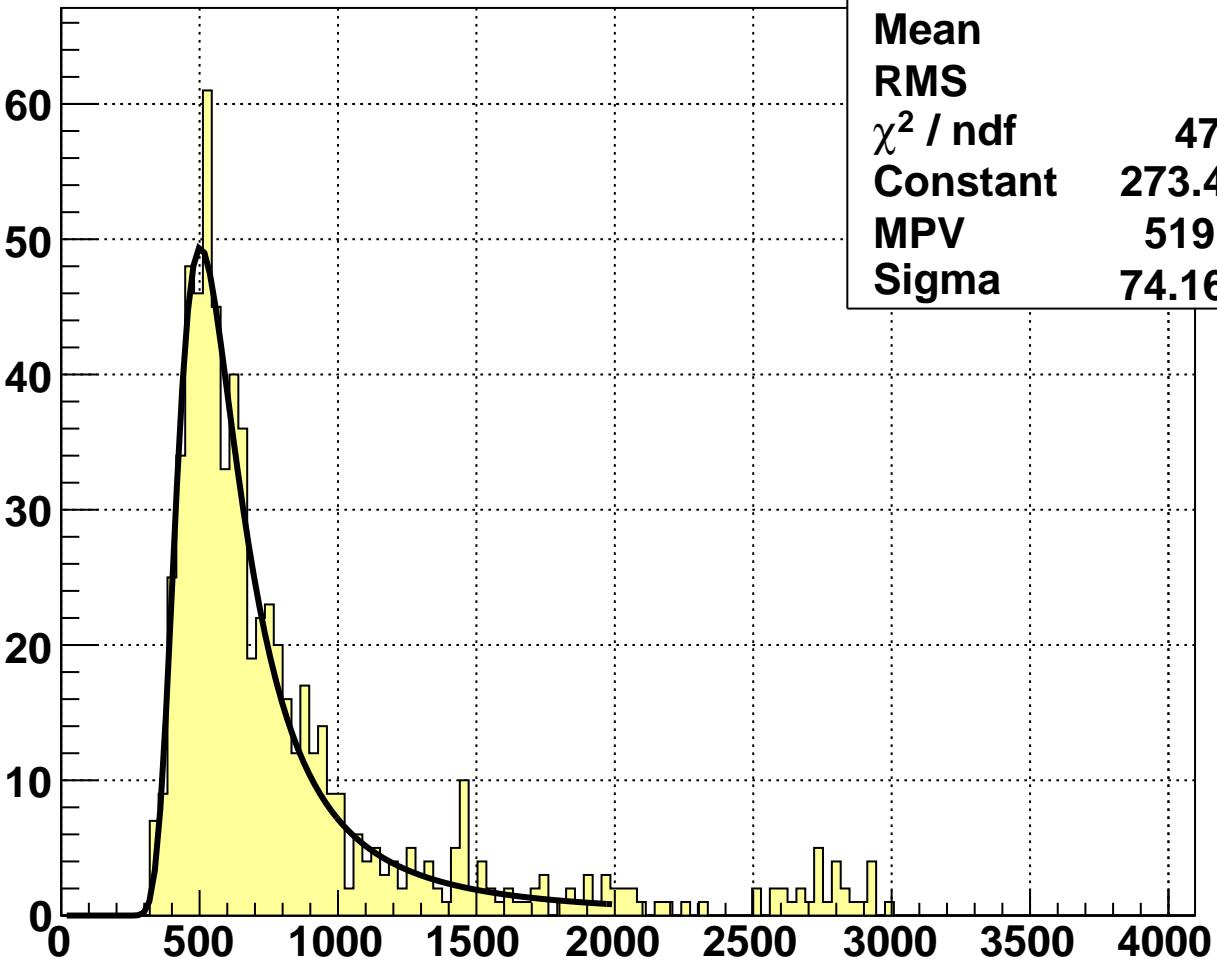
FST - MIP peak non-ZS, RDO3_ARM2_PORT1_SEC0

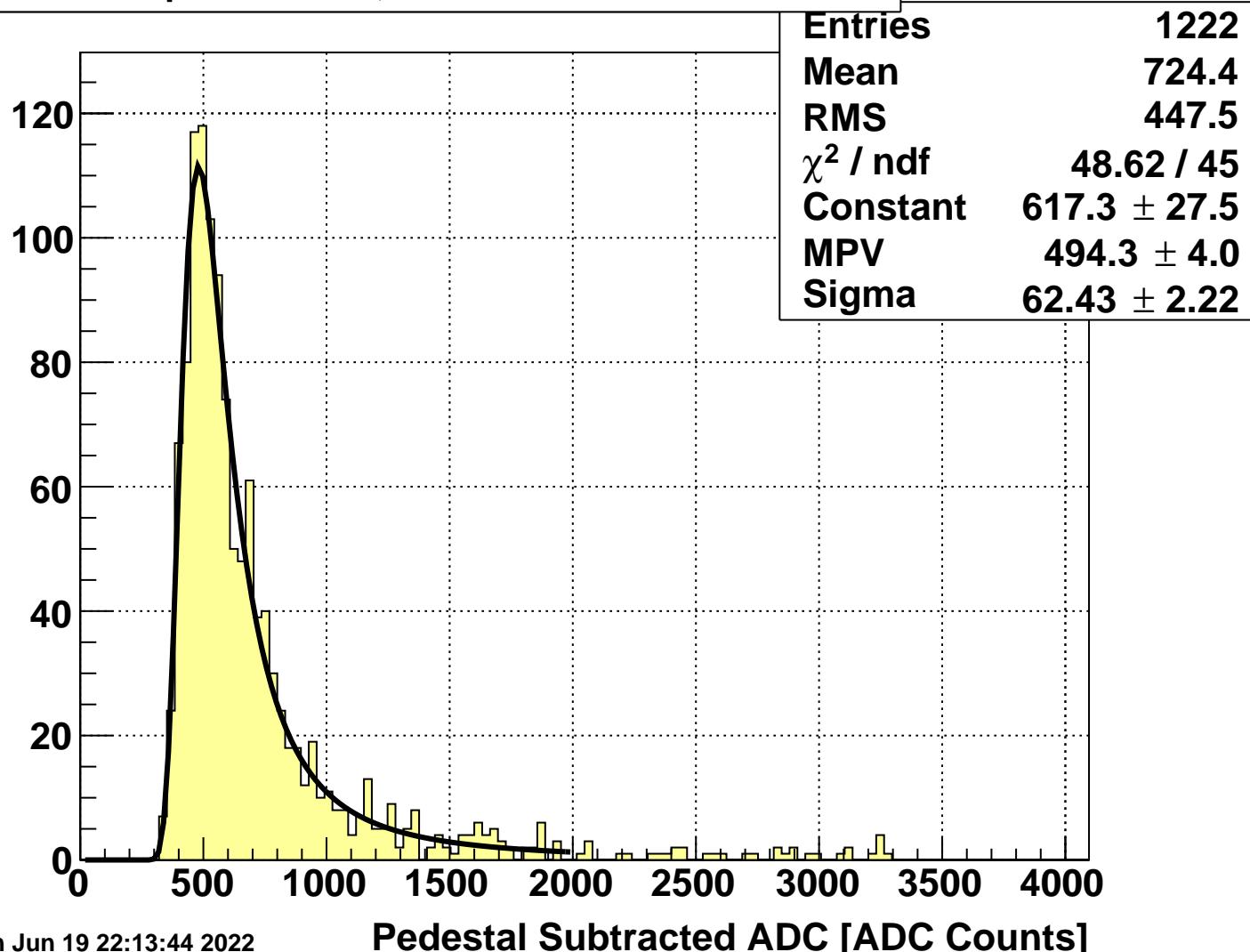
nonZS_Section_34

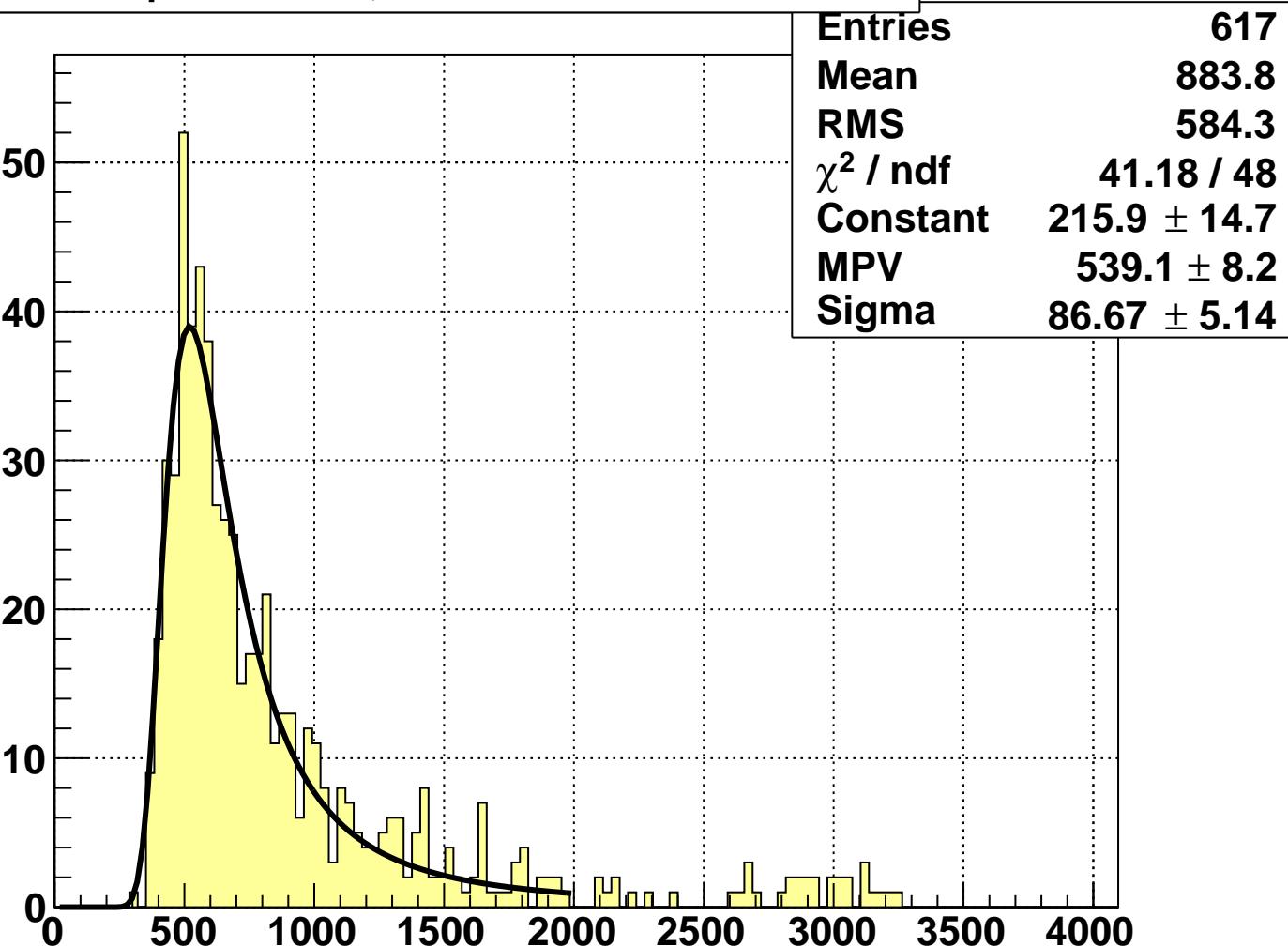


Entries	1521
Mean	778.9
RMS	480.9
χ^2 / ndf	46.37 / 50
Constant	684.3 ± 27.1
MPV	519.9 ± 4.0
Sigma	70.2 ± 2.2

Entries	682
Mean	830.5
RMS	543.4
χ^2 / ndf	47.32 / 49
Constant	273.4 ± 17.3
MPV	519.2 ± 6.5
Sigma	74.16 ± 3.87



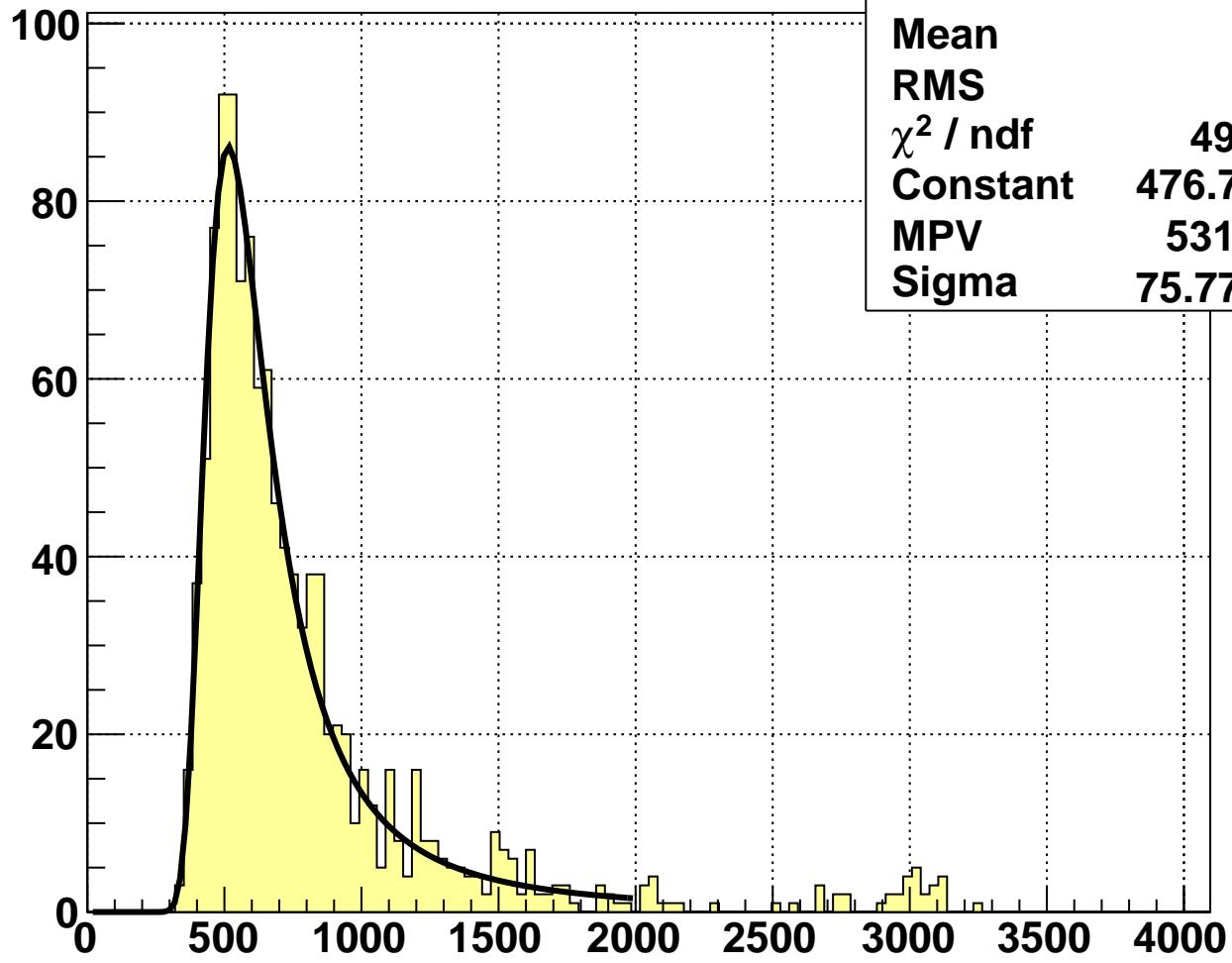




FST - MIP peak non-ZS, RDO4_ARM0_PORT1_SEC0

nonZS_Section_38

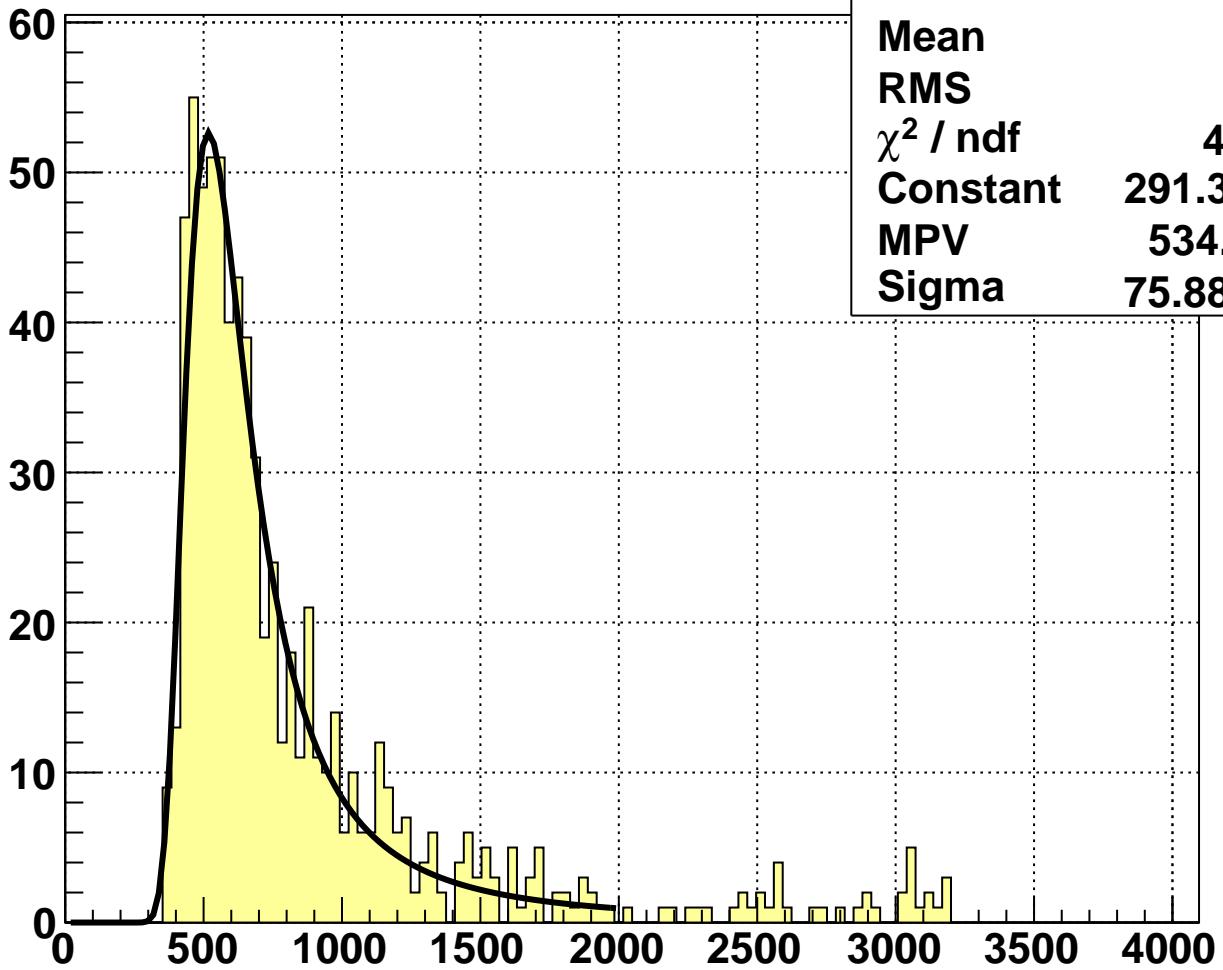
Entries	1151
Mean	797.8
RMS	490.2
χ^2 / ndf	49.33 / 47
Constant	476.7 ± 21.5
MPV	531.4 ± 5.1
Sigma	75.77 ± 2.72



FST - MIP peak non-ZS, RDO4_ARM0_PORT1_SEC1

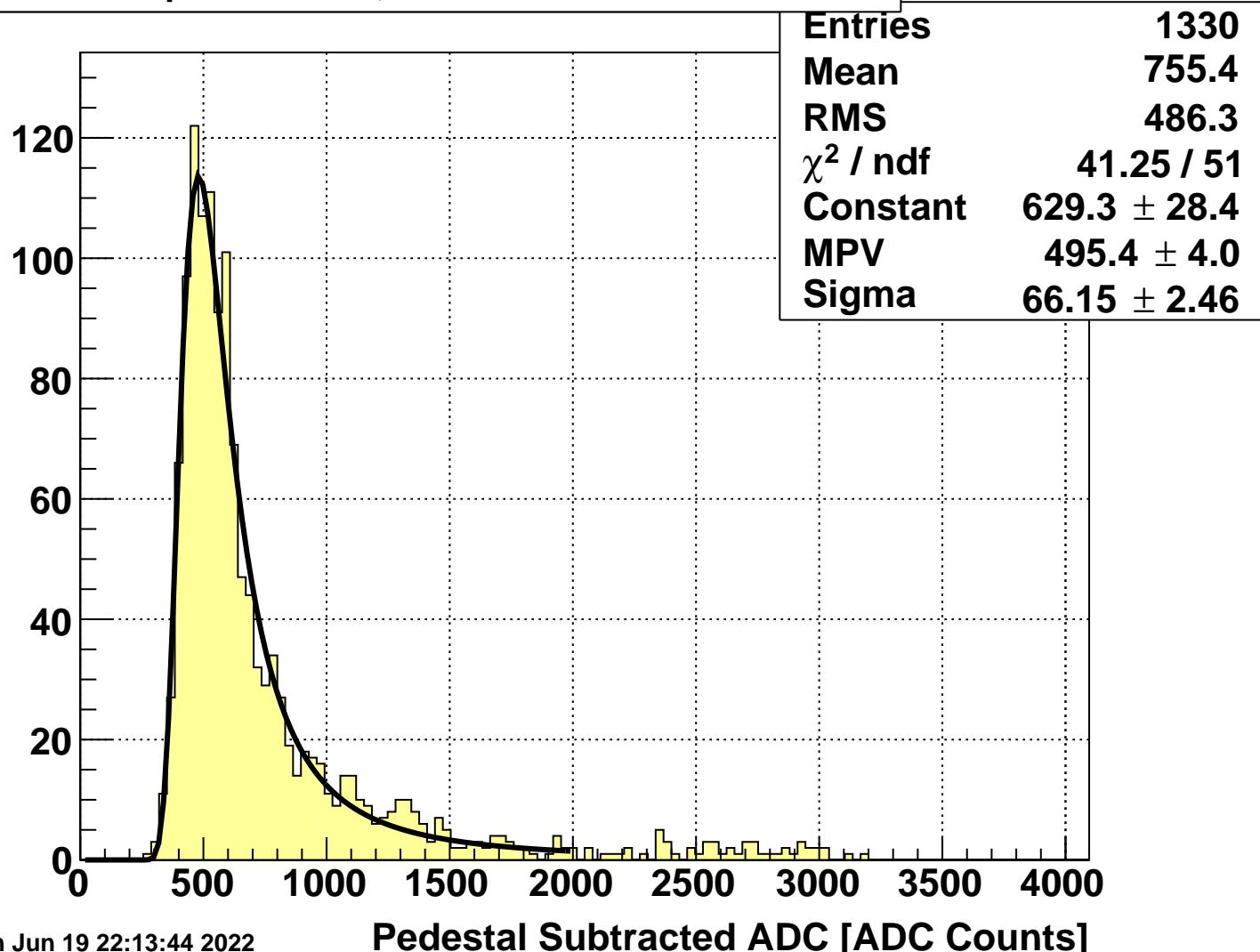
nonZS_Section_39

Entries	730
Mean	848.3
RMS	556.5
χ^2 / ndf	49.1 / 45
Constant	291.3 ± 18.8
MPV	534.4 ± 6.7
Sigma	75.88 ± 4.32



FST - MIP peak non-ZS, RDO4_ARM1_PORT0_SEC0

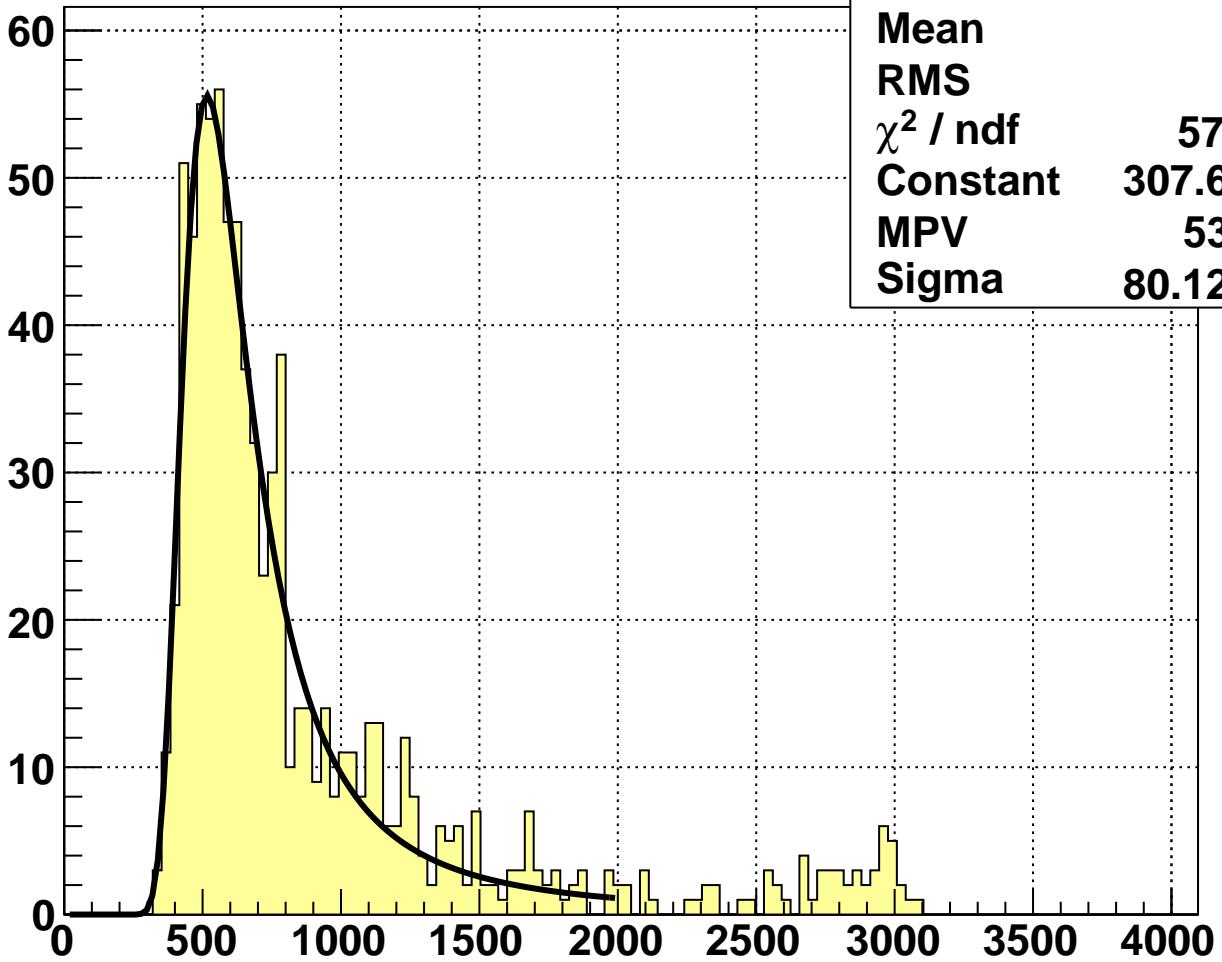
nonZS_Section_40



FST - MIP peak non-ZS, RDO4_ARM1_PORT0_SEC1

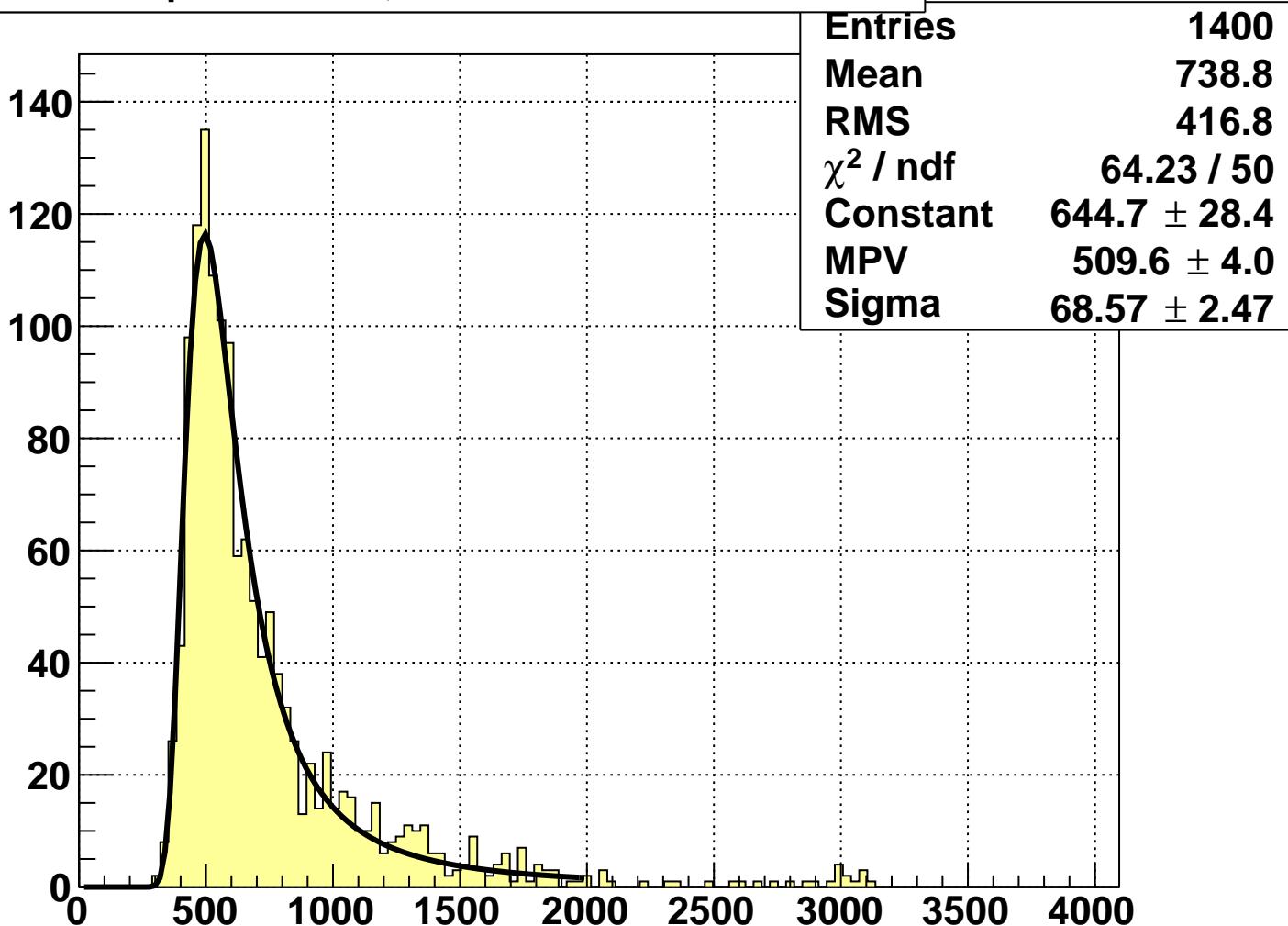
nonZS_Section_41

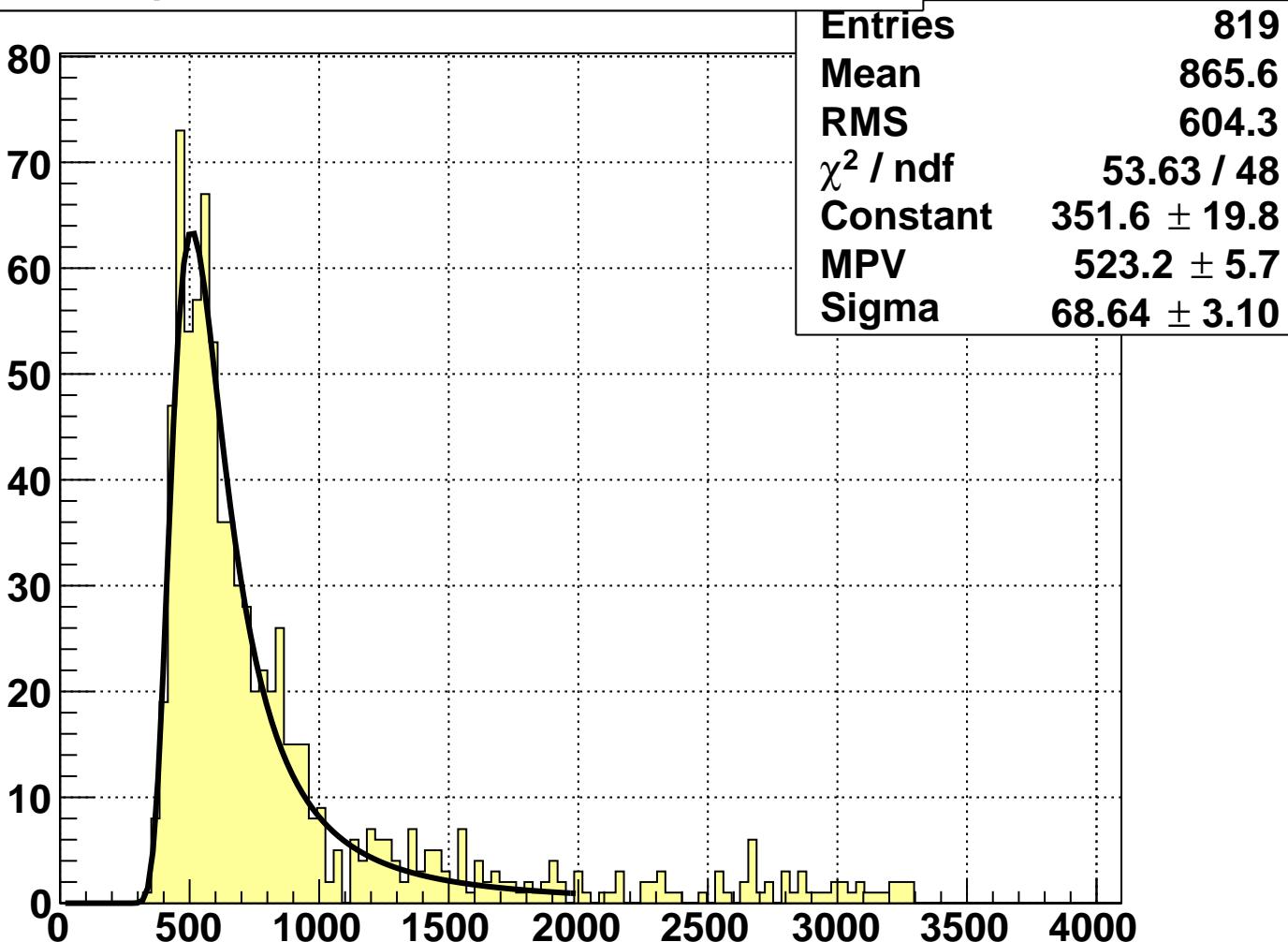
Entries	836
Mean	890.9
RMS	599
χ^2 / ndf	57.07 / 48
Constant	307.6 ± 17.5
MPV	534 ± 6.6
Sigma	80.12 ± 3.78



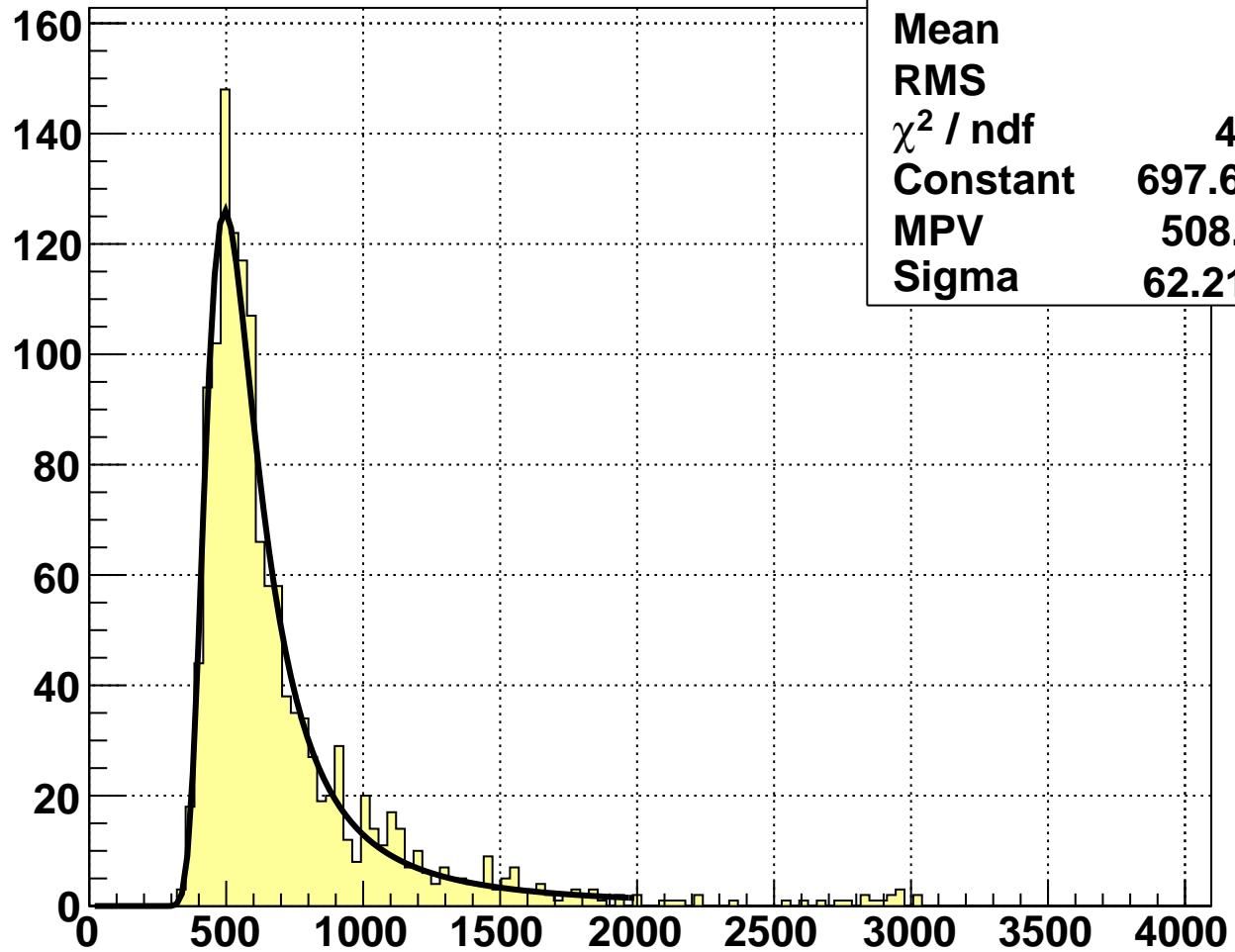
FST - MIP peak non-ZS, RDO4_ARM1_PORT1_SEC0

nonZS_Section_42

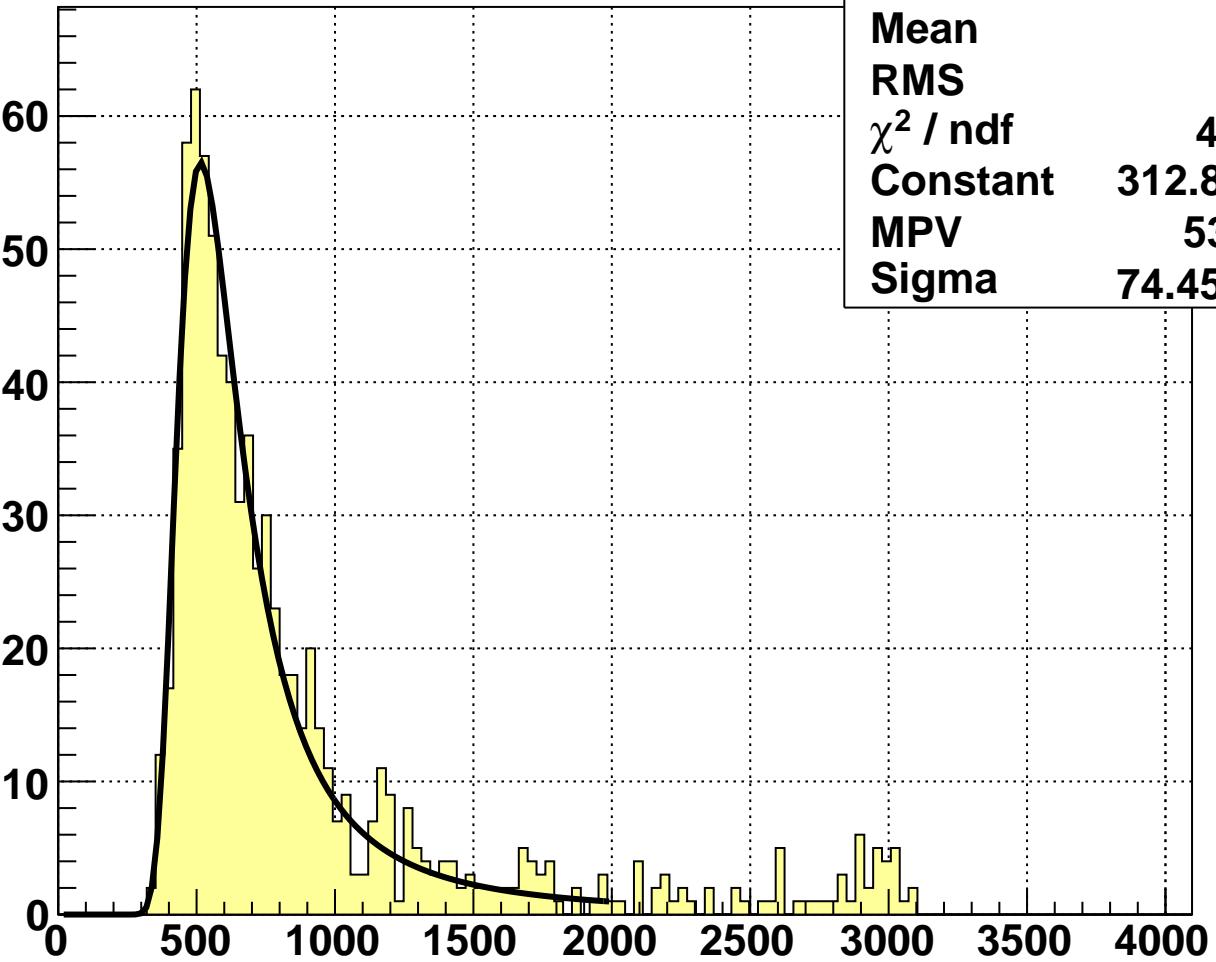




Entries	1361
Mean	713.8
RMS	382.3
χ^2 / ndf	48.5 / 48
Constant	697.6 ± 29.7
MPV	508.8 ± 3.7
Sigma	62.21 ± 2.12

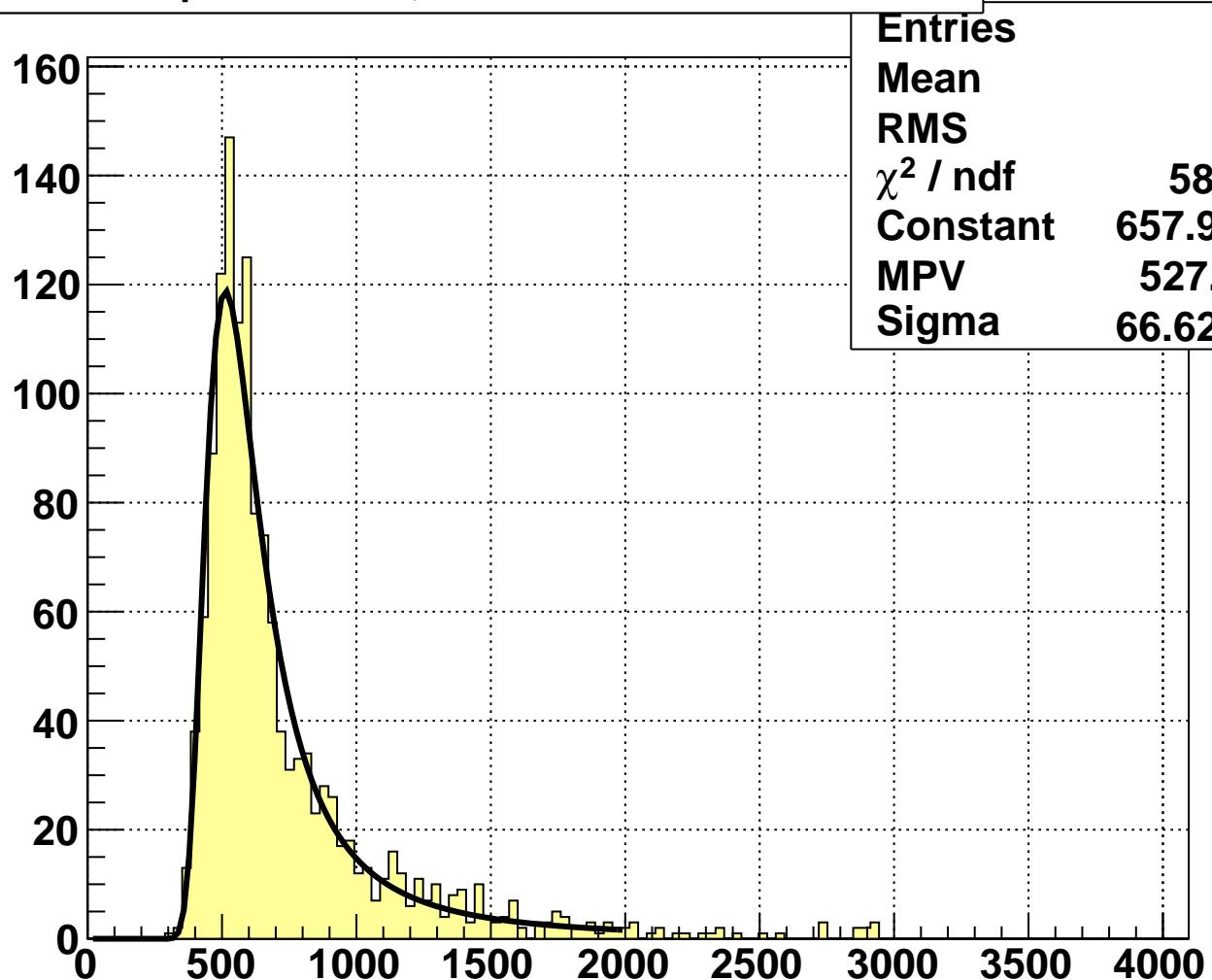


Entries	794
Mean	882.5
RMS	604.2
χ^2 / ndf	49.9 / 48
Constant	312.8 ± 18.2
MPV	531 ± 6.2
Sigma	74.45 ± 3.53

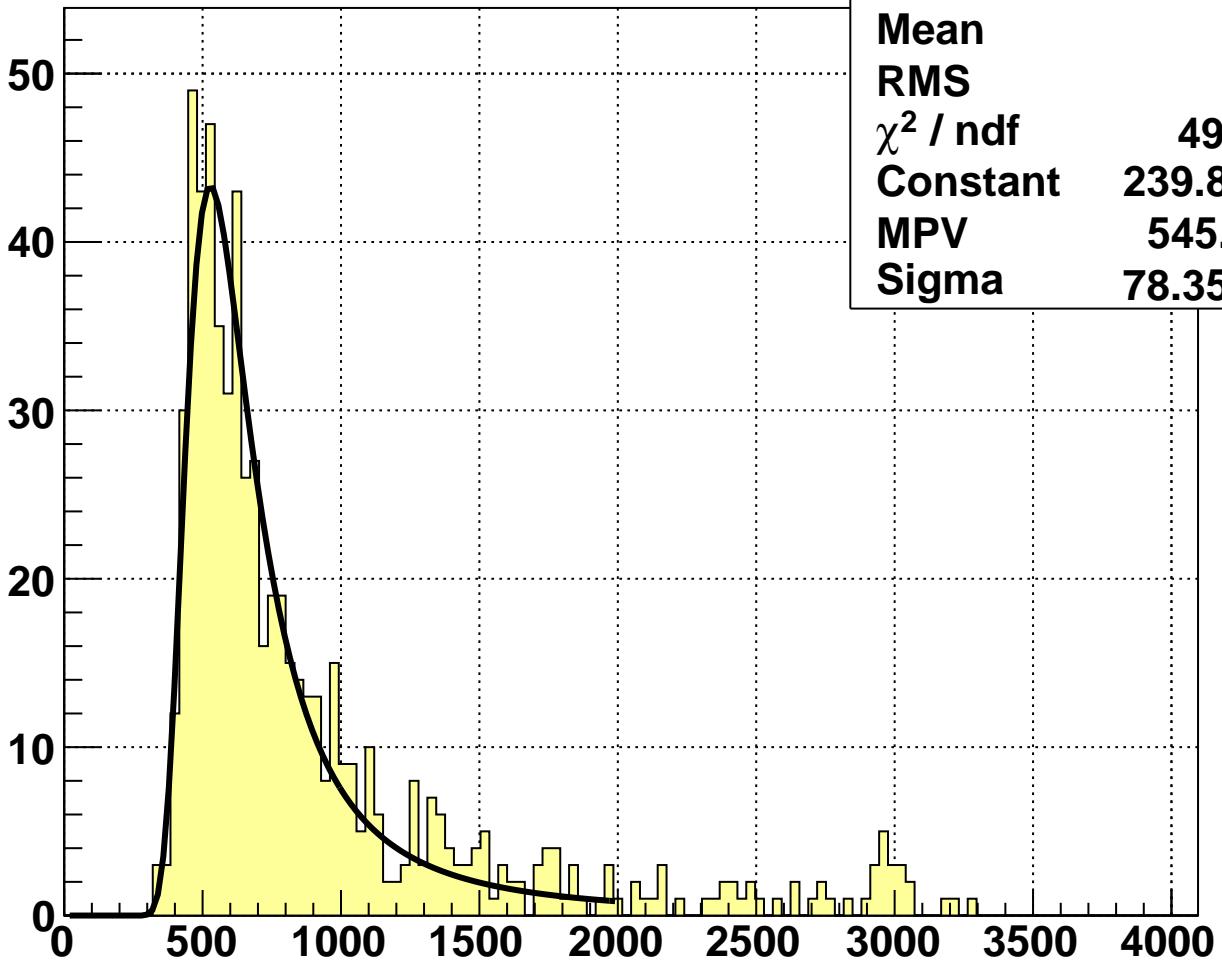


FST - MIP peak non-ZS, RDO4_ARM2_PORT1_SEC0

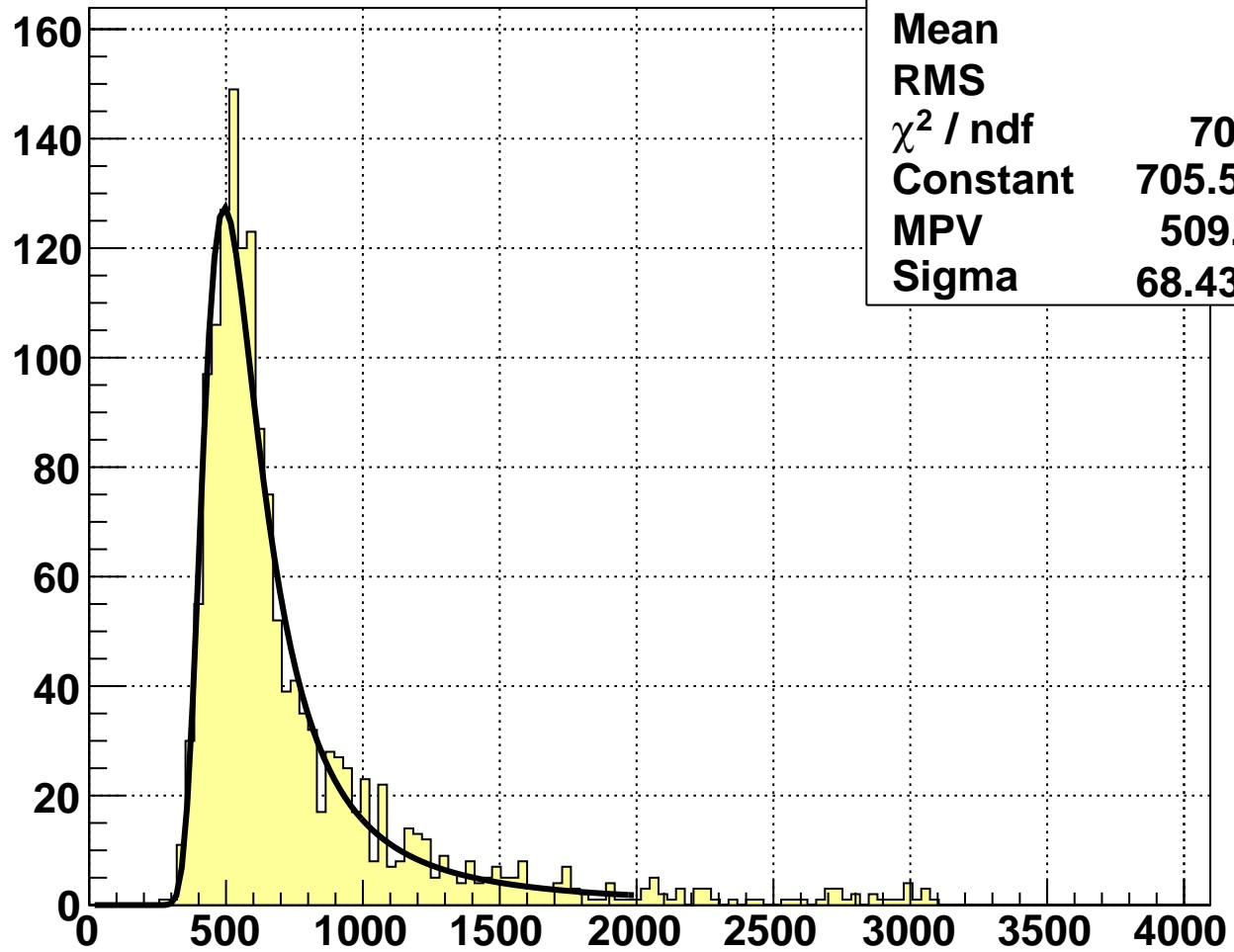
nonZS_Section_46

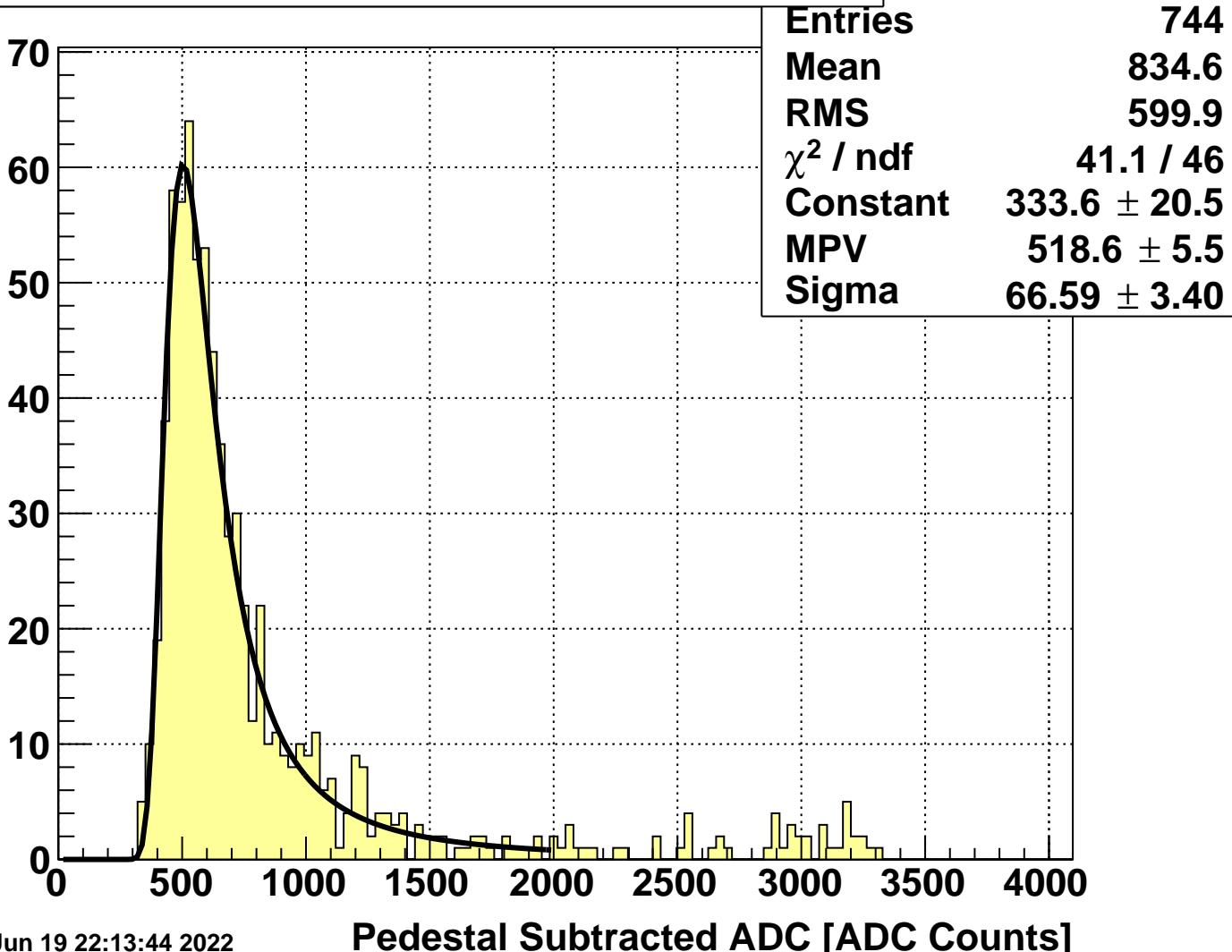


Entries	645
Mean	903
RMS	601.7
χ^2 / ndf	49.79 / 48
Constant	239.8 ± 16.5
MPV	545.4 ± 8.0
Sigma	78.35 ± 4.62

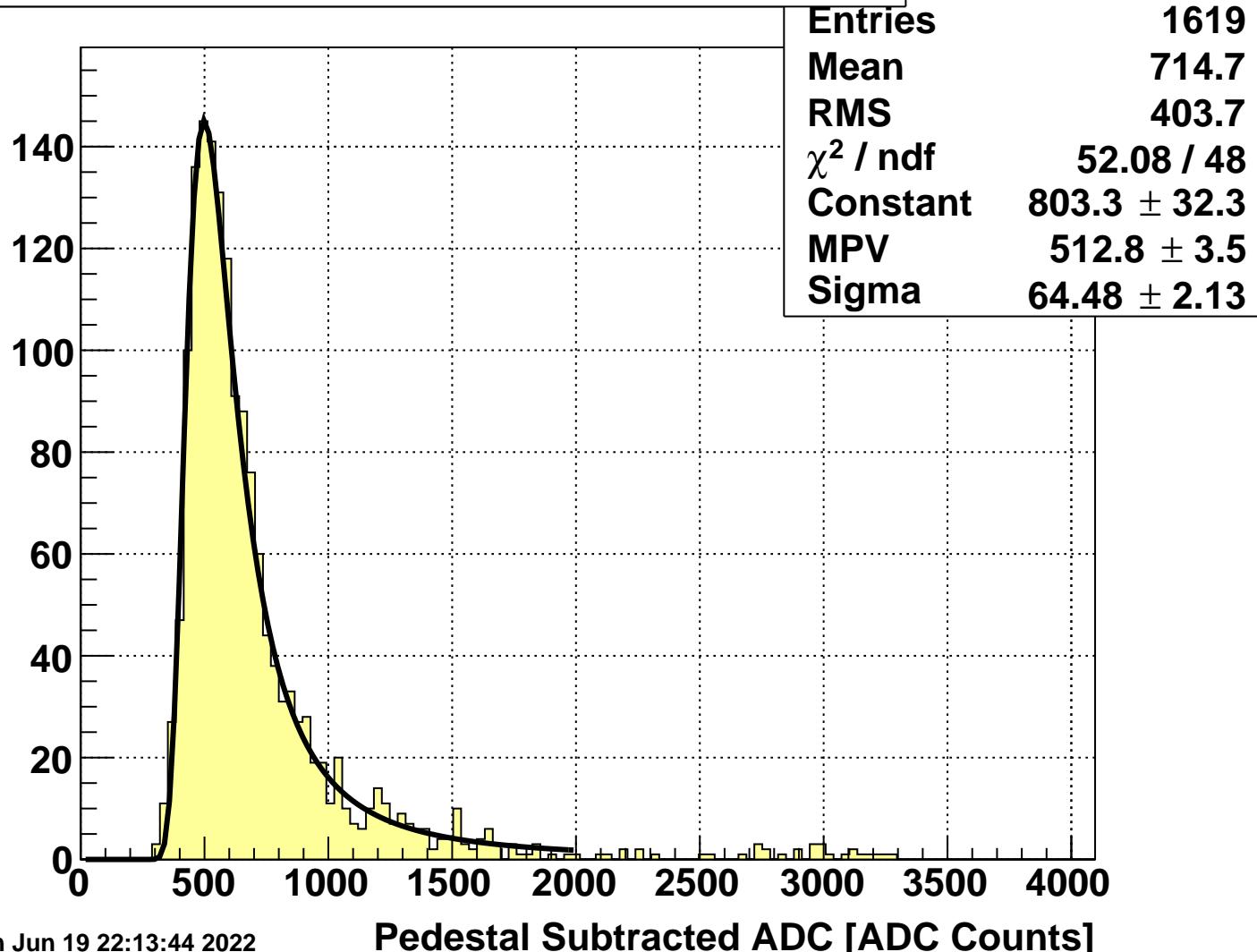


Entries	1553
Mean	751.2
RMS	446.6
χ^2 / ndf	70.46 / 52
Constant	705.5 ± 28.6
MPV	509.3 ± 3.8
Sigma	68.43 ± 2.24





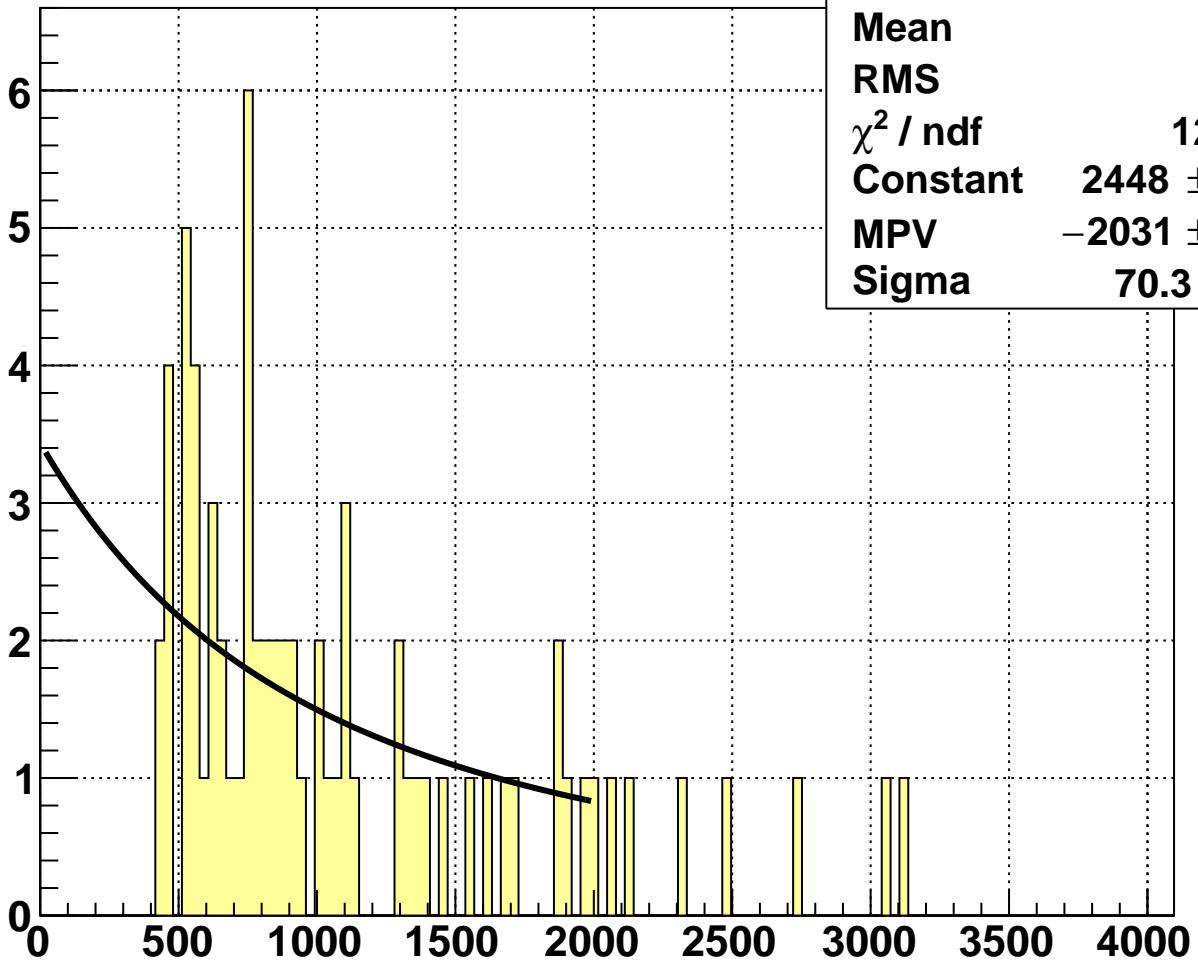
FST - MIP peak non-ZS, RDO5_ARM0_PORT1_SEC0 nonZS_Section_50

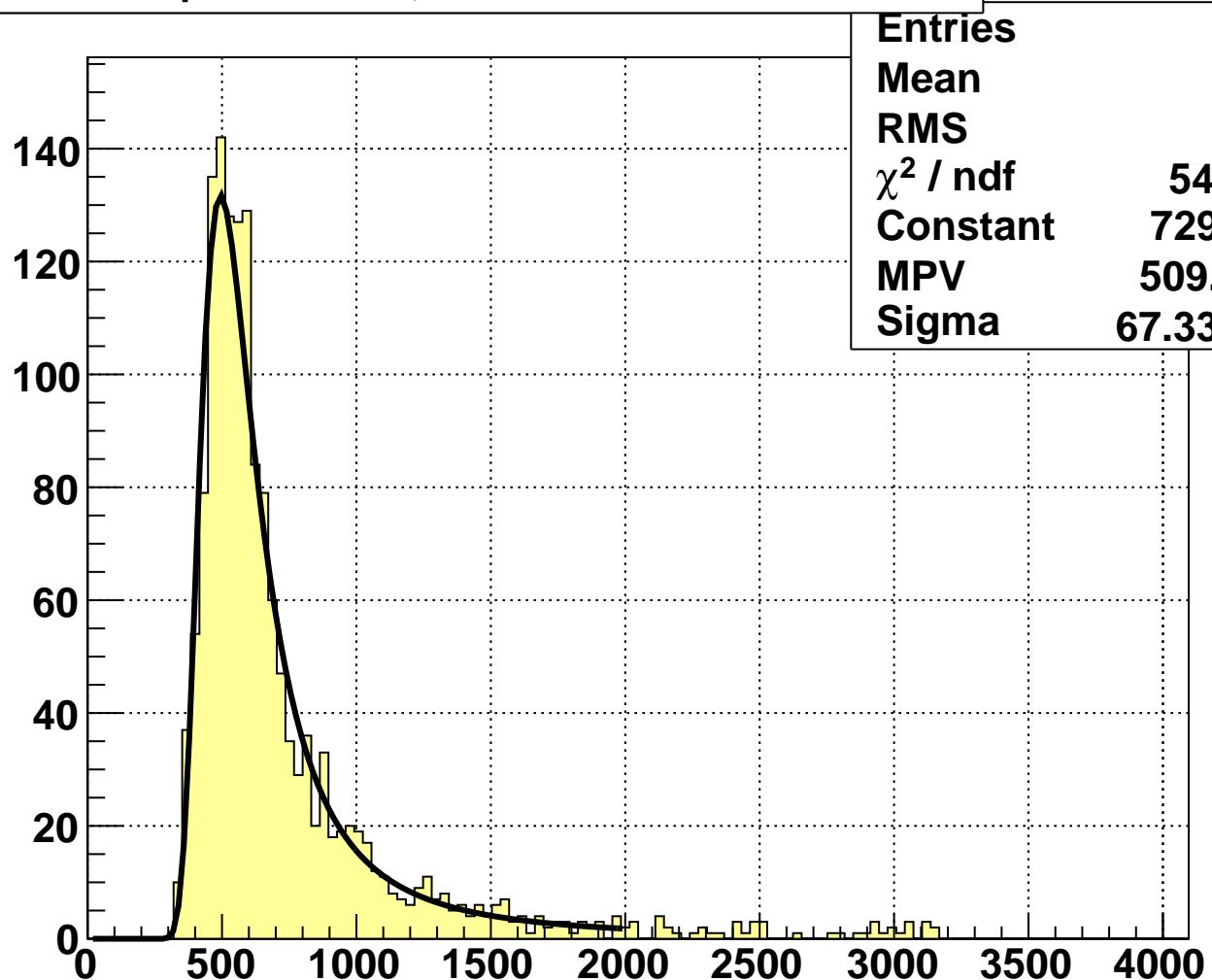


FST - MIP peak non-ZS, RDO5_ARM0_PORT1_SEC1

nonZS_Section_51

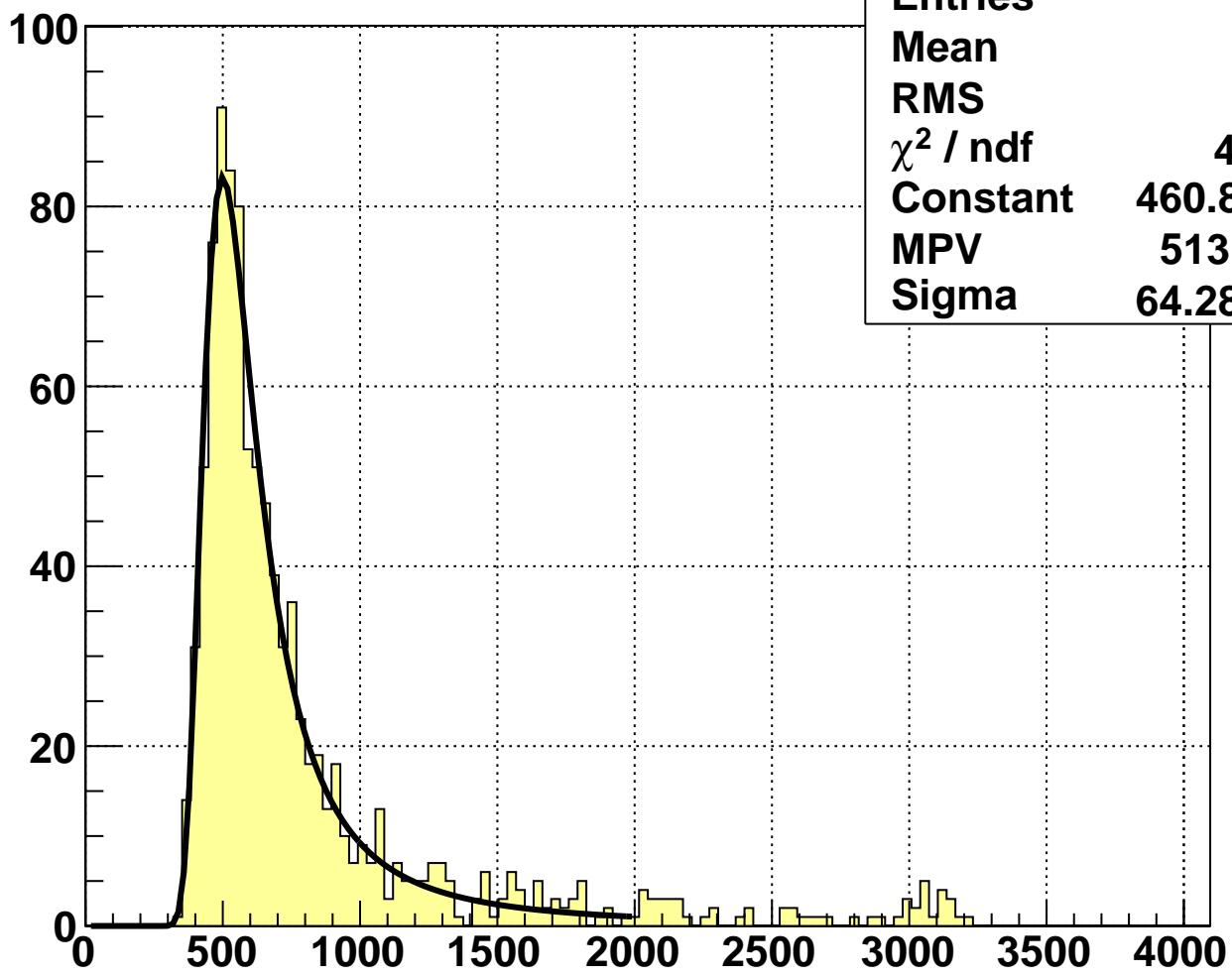
Entries	70
Mean	1105
RMS	648.8
χ^2 / ndf	12.43 / 31
Constant	2448 ± 9104.0
MPV	-2031 ± 1507.9
Sigma	70.3 ± 135.7





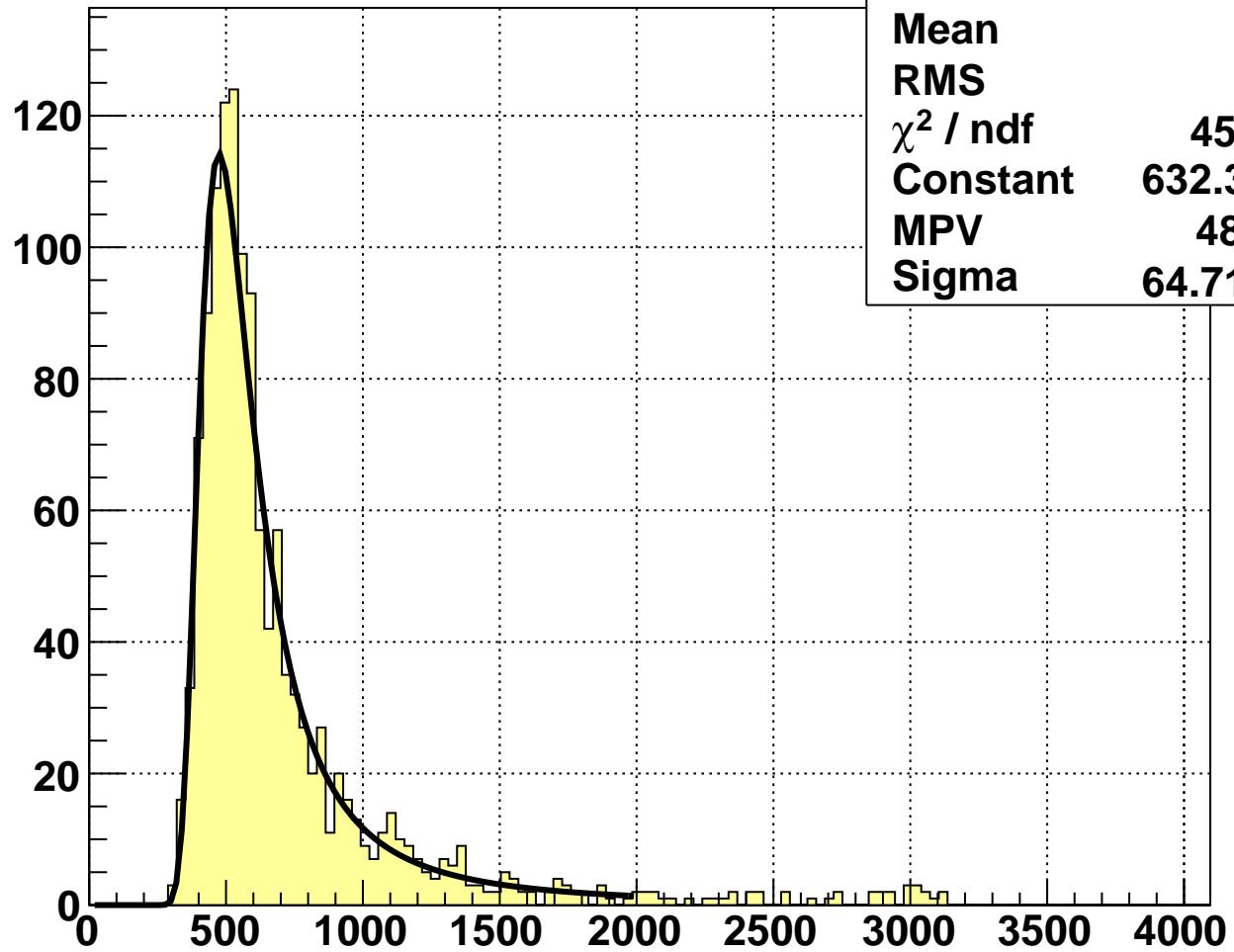
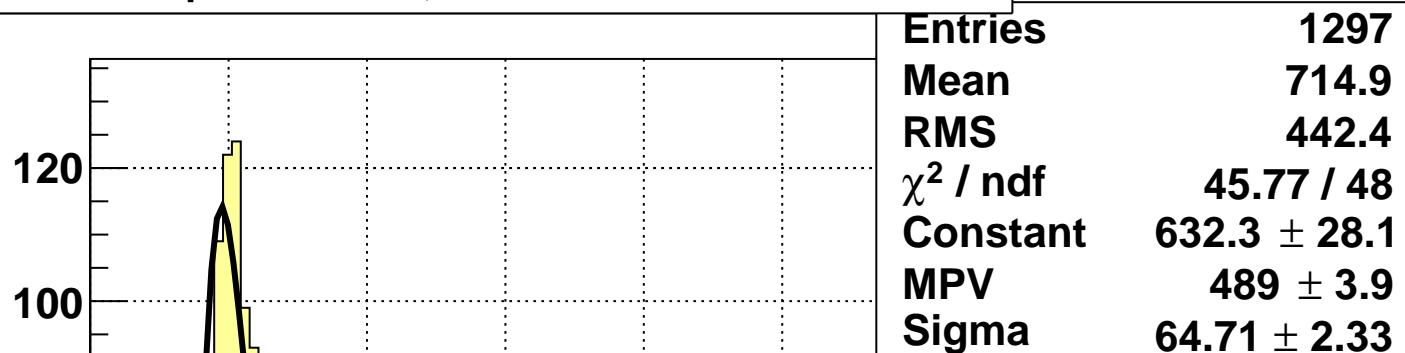
Entries	1554
Mean	735.5
RMS	436.5
χ^2 / ndf	54.39 / 49
Constant	729 ± 29.8
MPV	509.7 ± 3.7
Sigma	67.33 ± 2.25

FST - MIP peak non-ZS, RDO5_ARM1_PORT0_SEC1 nonZS_Section_53

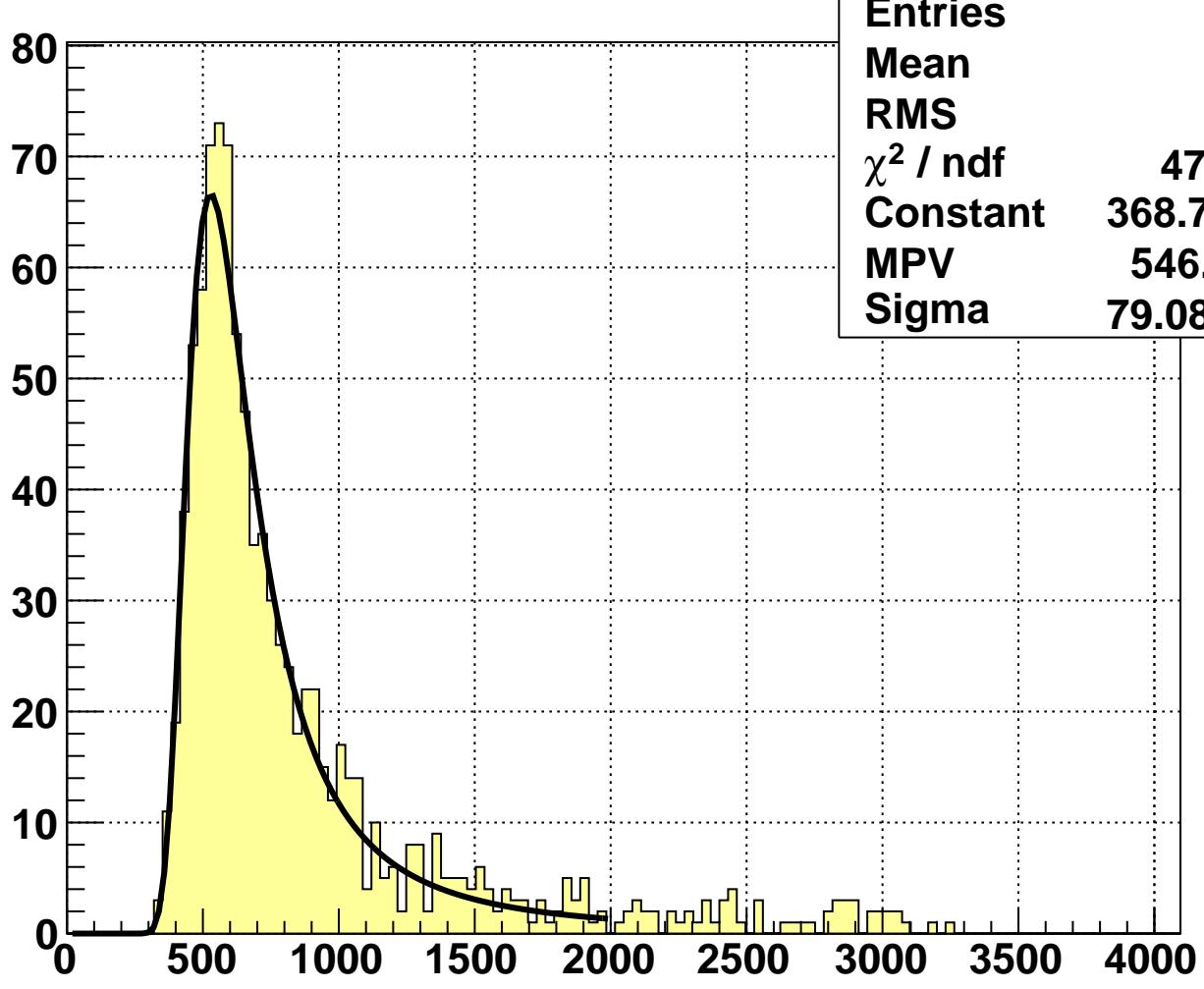


FST - MIP peak non-ZS, RDO5_ARM1_PORT1_SEC0

nonZS_Section_54



FST - MIP peak non-ZS, RDO5_ARM1_PORT1_SEC1 nonZS_Section_55

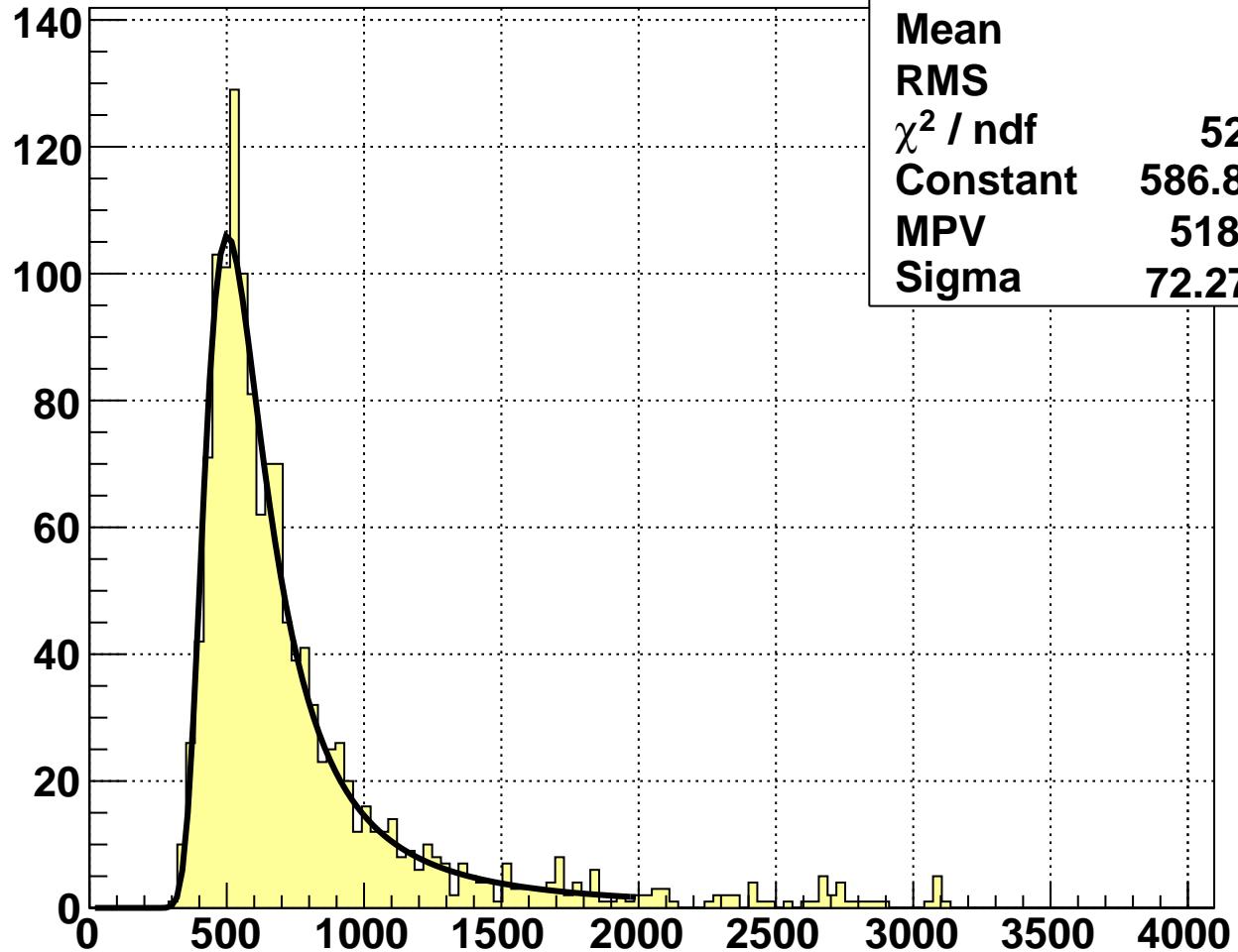


Entries	958
Mean	861.2
RMS	542.6
χ^2 / ndf	47.17 / 49
Constant	368.7 ± 19.3
MPV	546.5 ± 5.8
Sigma	79.08 ± 3.39

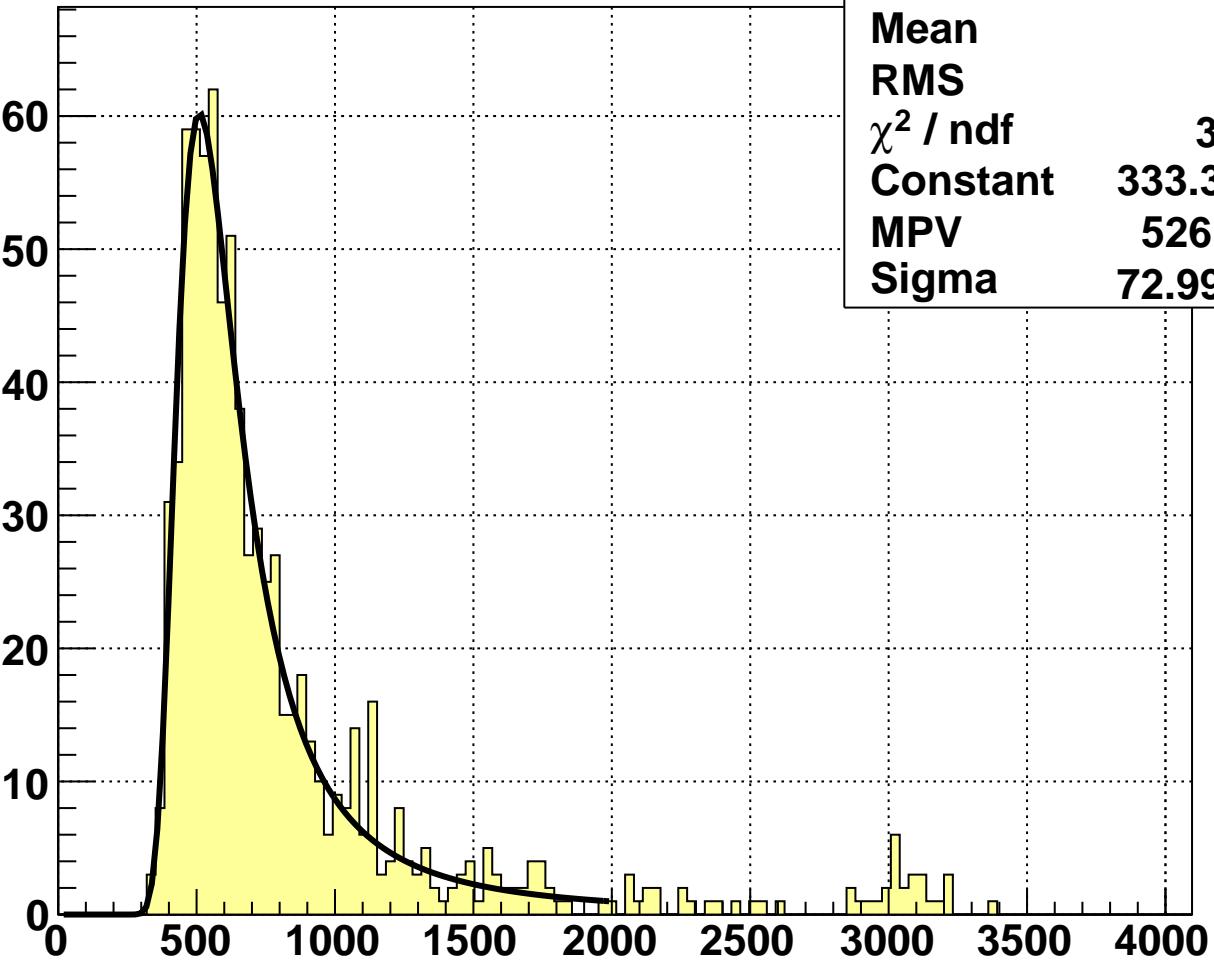
FST - MIP peak non-ZS, RDO5_ARM2_PORT0_SEC0

nonZS_Section_56

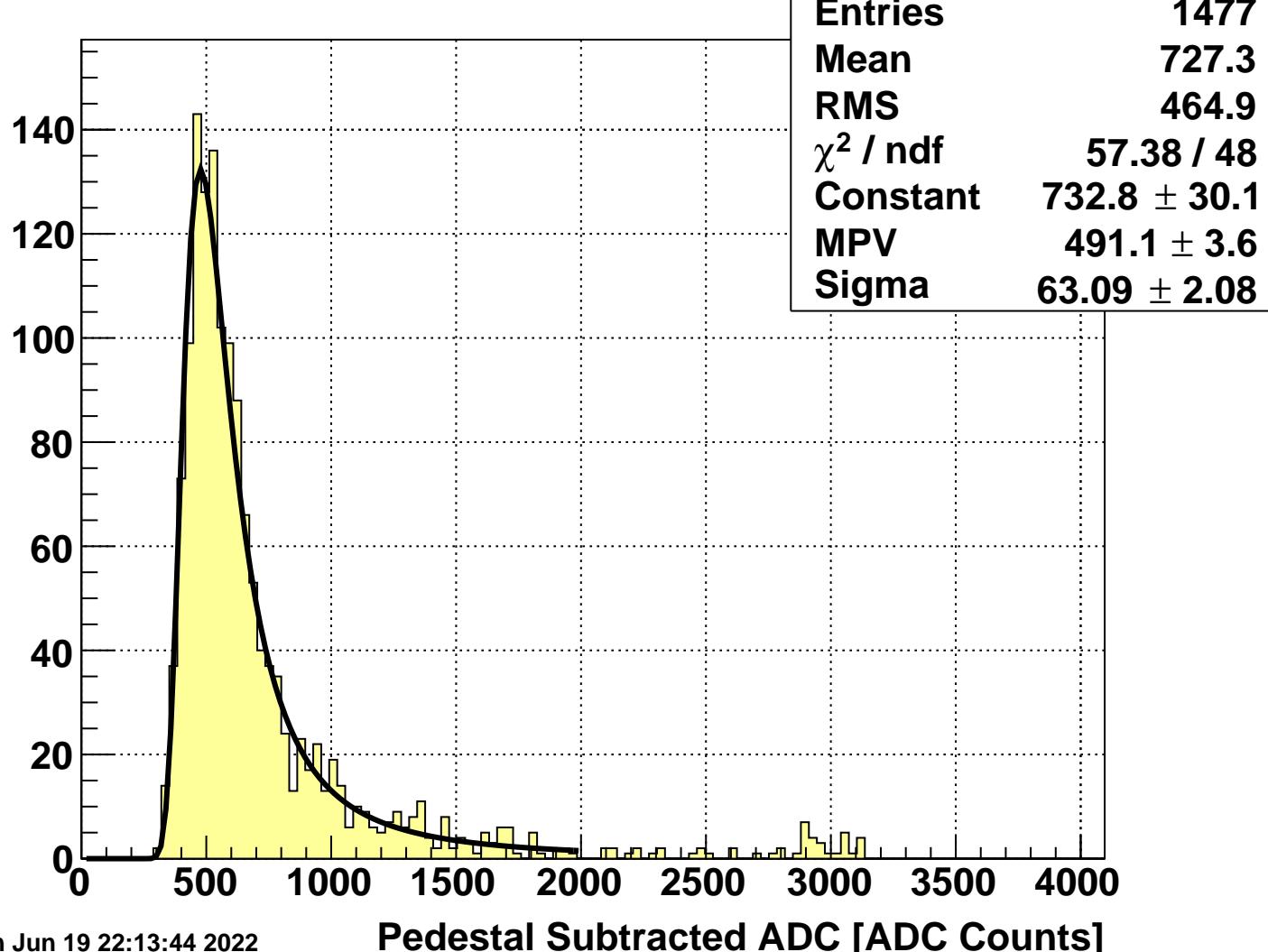
Entries	1354
Mean	766.4
RMS	459
χ^2 / ndf	52.95 / 51
Constant	586.8 ± 25.3
MPV	518.1 ± 4.3
Sigma	72.27 ± 2.51



Entries	798
Mean	829.2
RMS	559.9
χ^2 / ndf	39.4 / 47
Constant	333.3 ± 18.6
MPV	526.6 ± 5.9
Sigma	72.99 ± 3.26

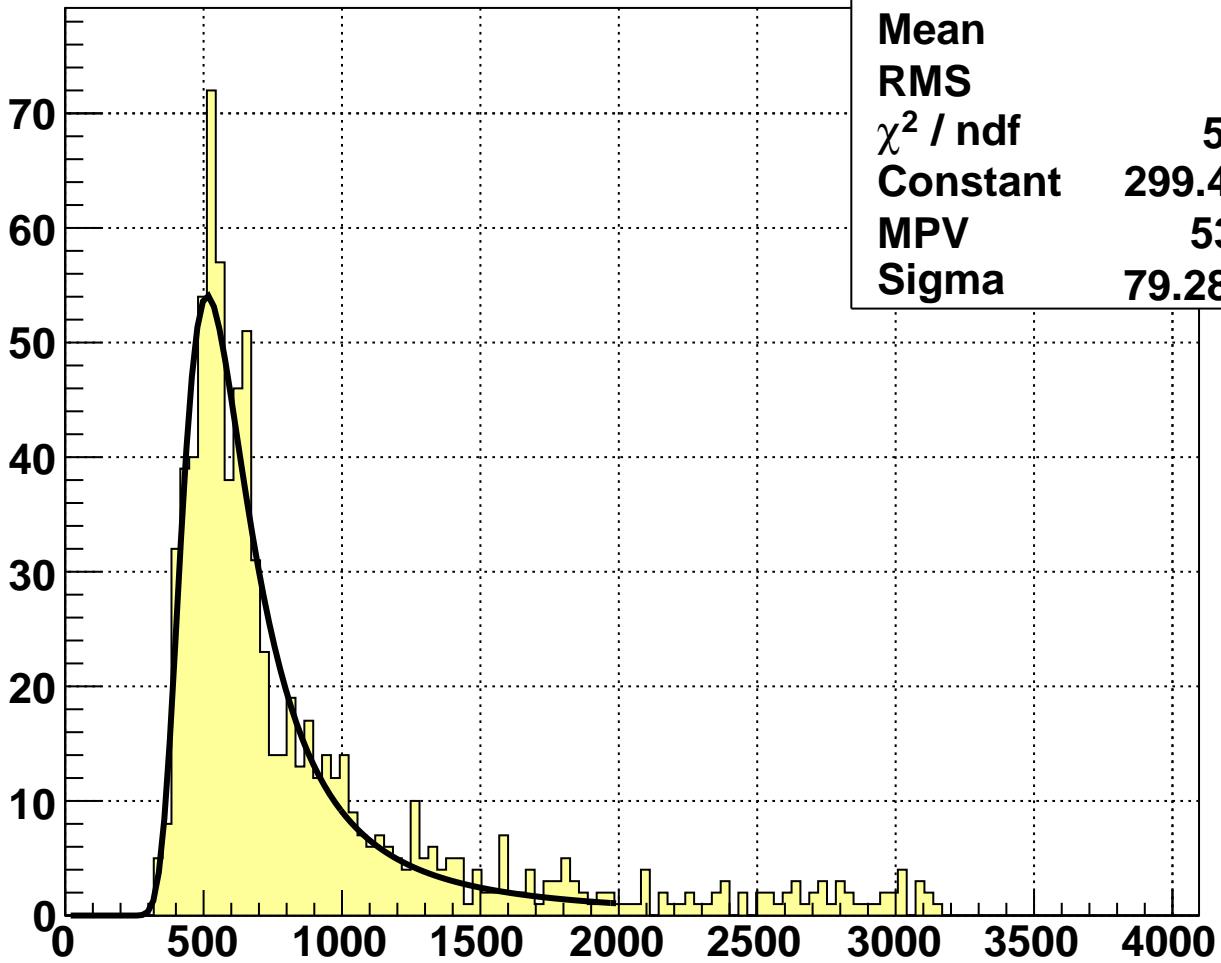


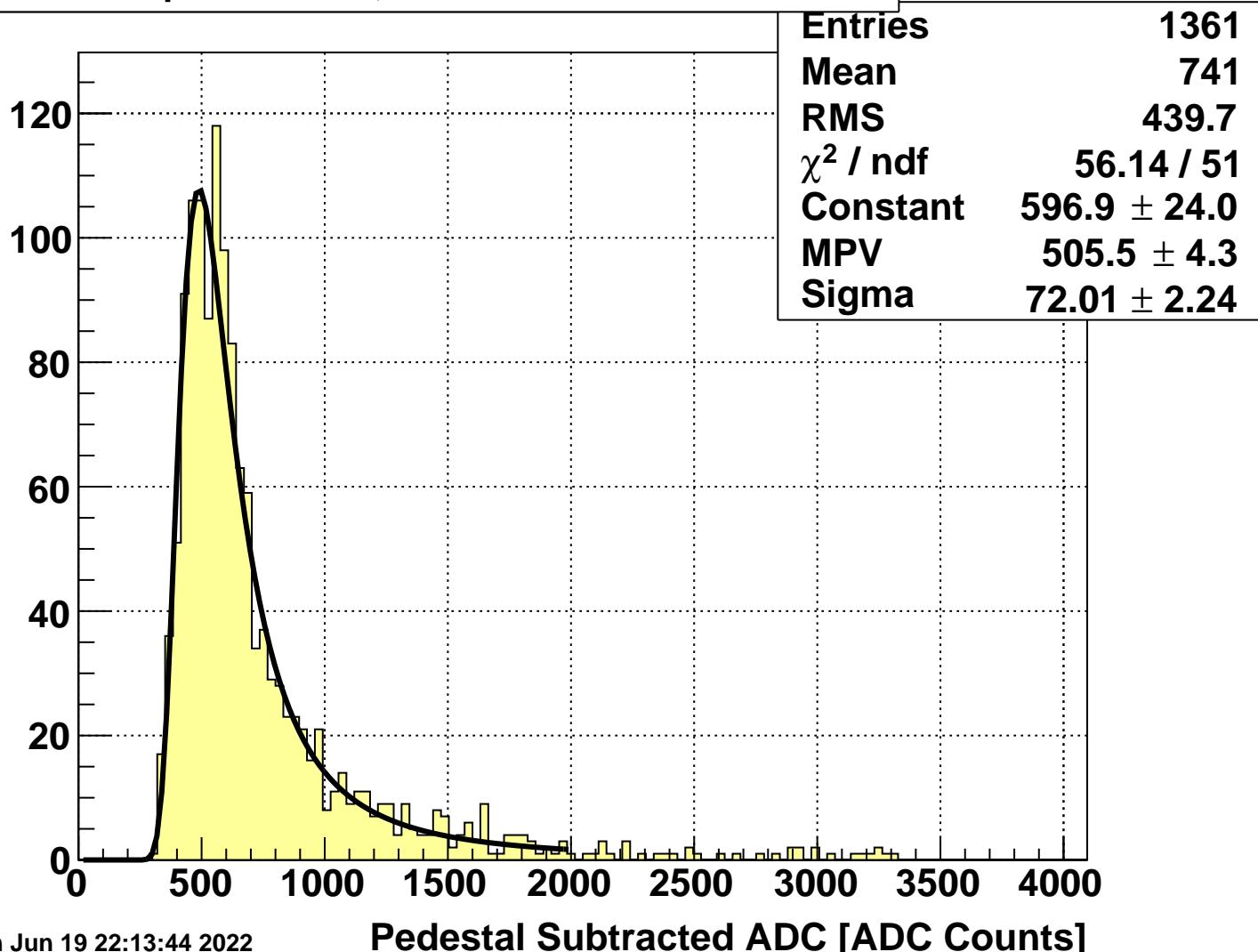
FST - MIP peak non-ZS, RDO5_ARM2_PORT1_SEC0 nonZS_Section_58

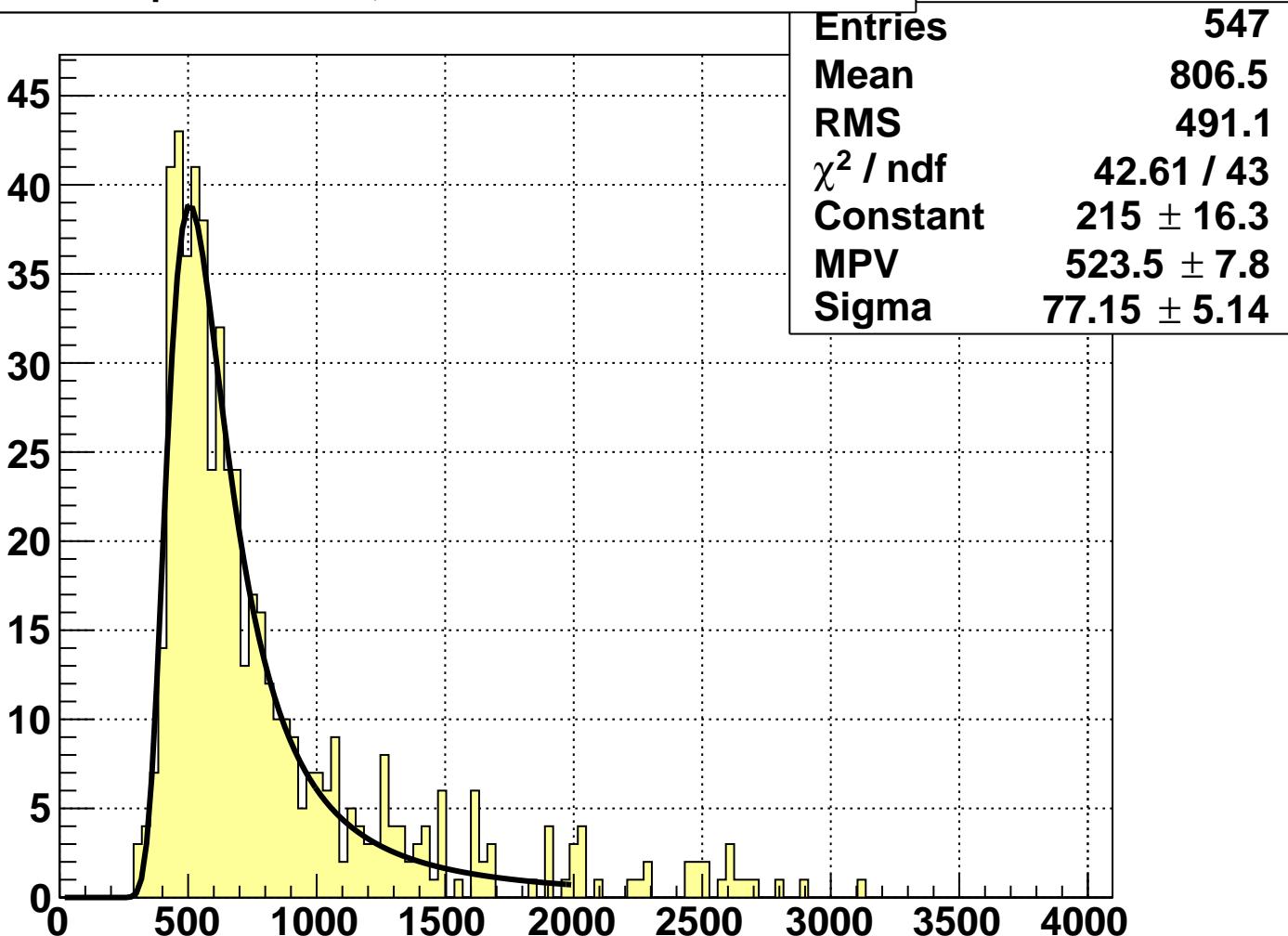


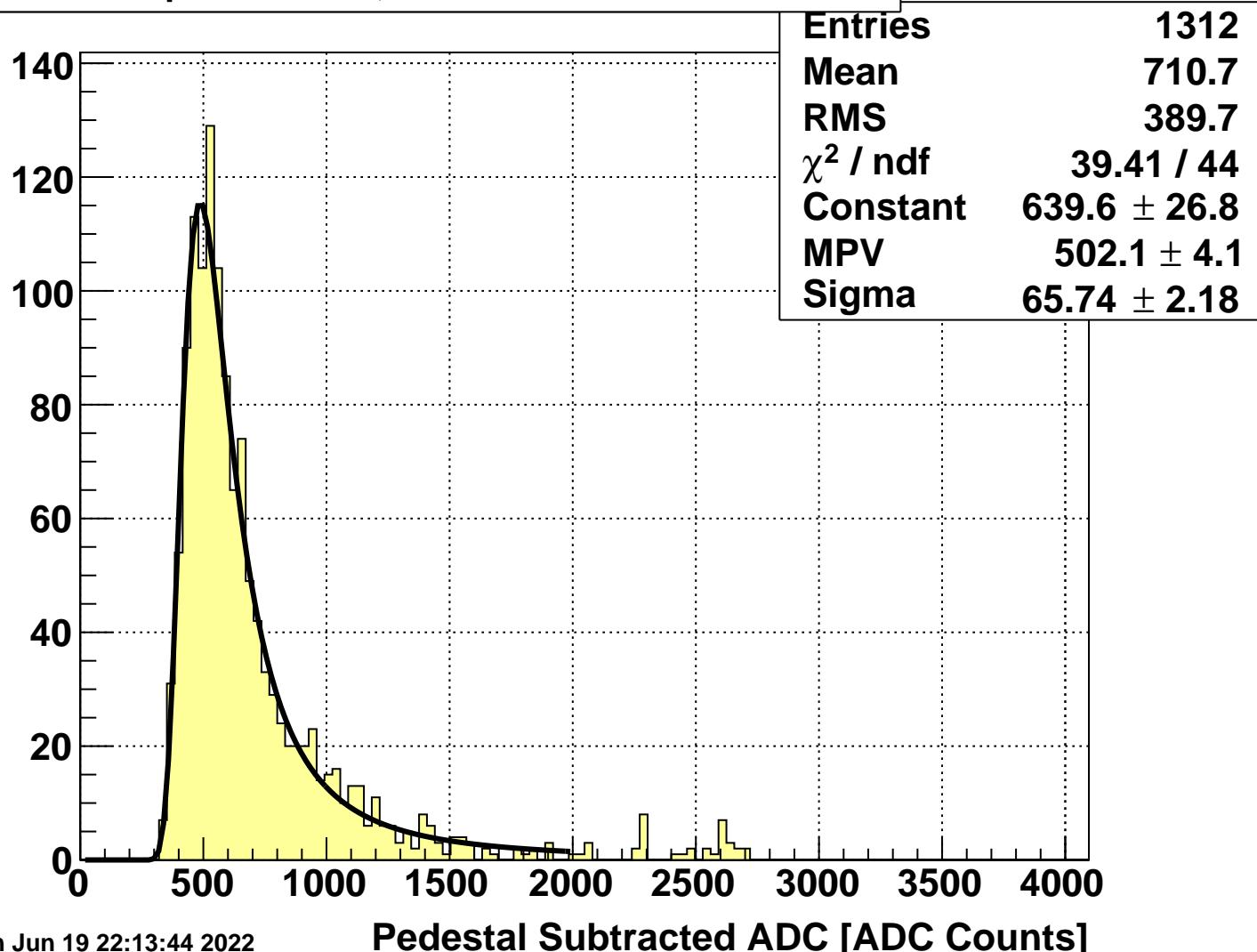
FST - MIP peak non-ZS, RDO5_ARM2_PORT1_SEC1 nonZS_Section_59

Entries	811
Mean	885.5
RMS	599.5
χ^2 / ndf	54.6 / 50
Constant	299.4 ± 17.7
MPV	531 ± 6.5
Sigma	79.28 ± 3.92

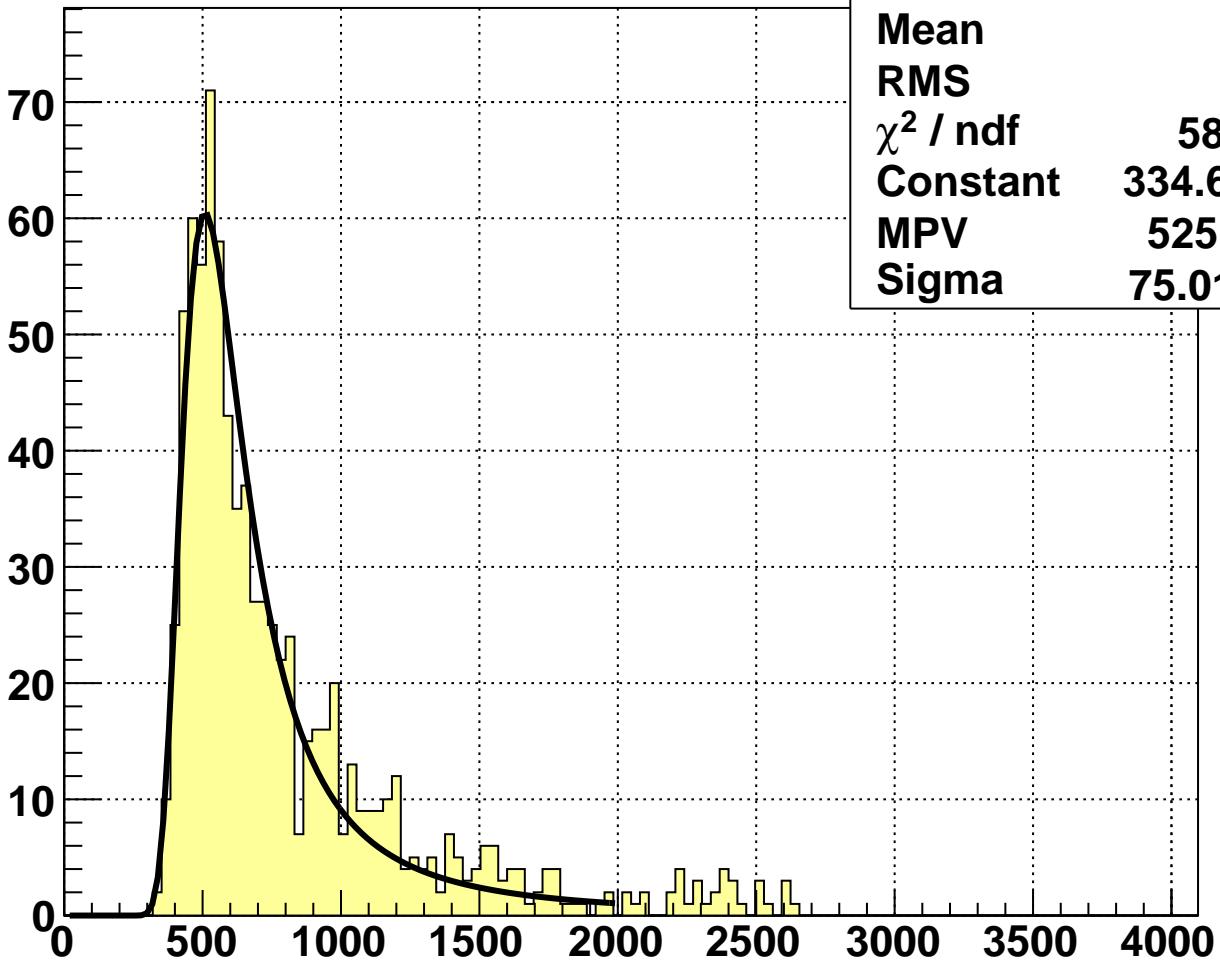


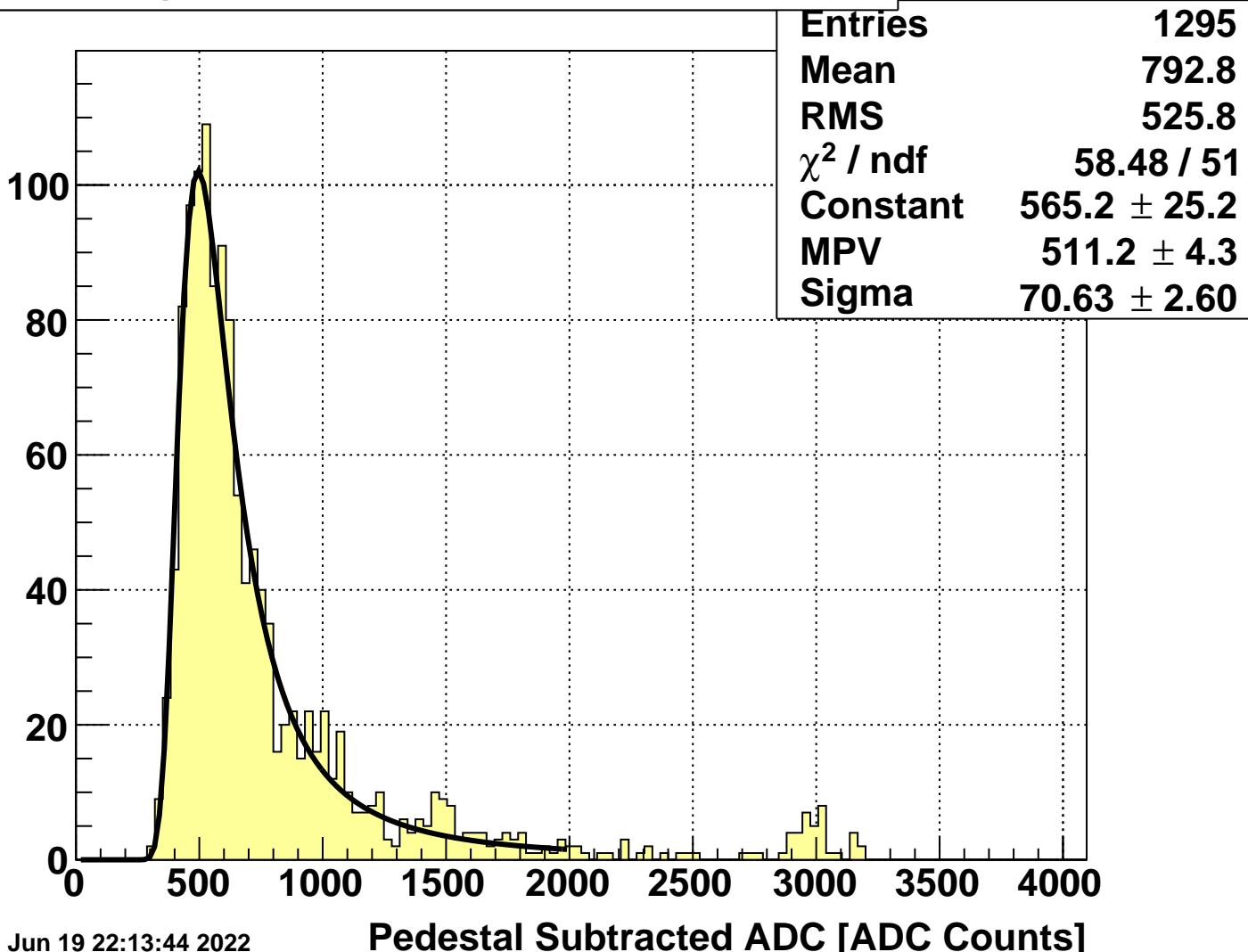




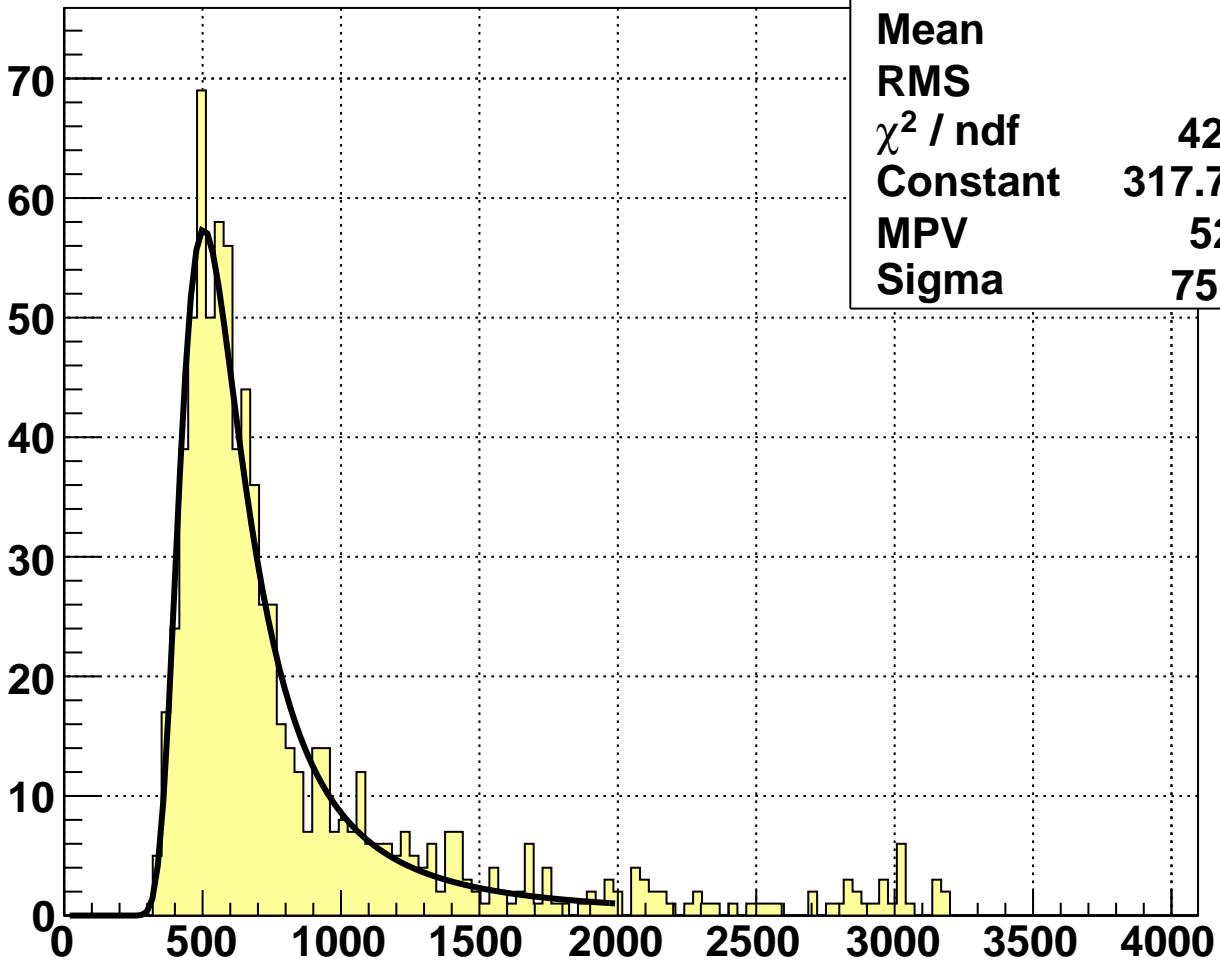


Entries	830
Mean	808.6
RMS	454.1
χ^2 / ndf	58.92 / 48
Constant	334.6 ± 19.3
MPV	525.4 ± 6.5
Sigma	75.01 ± 3.62





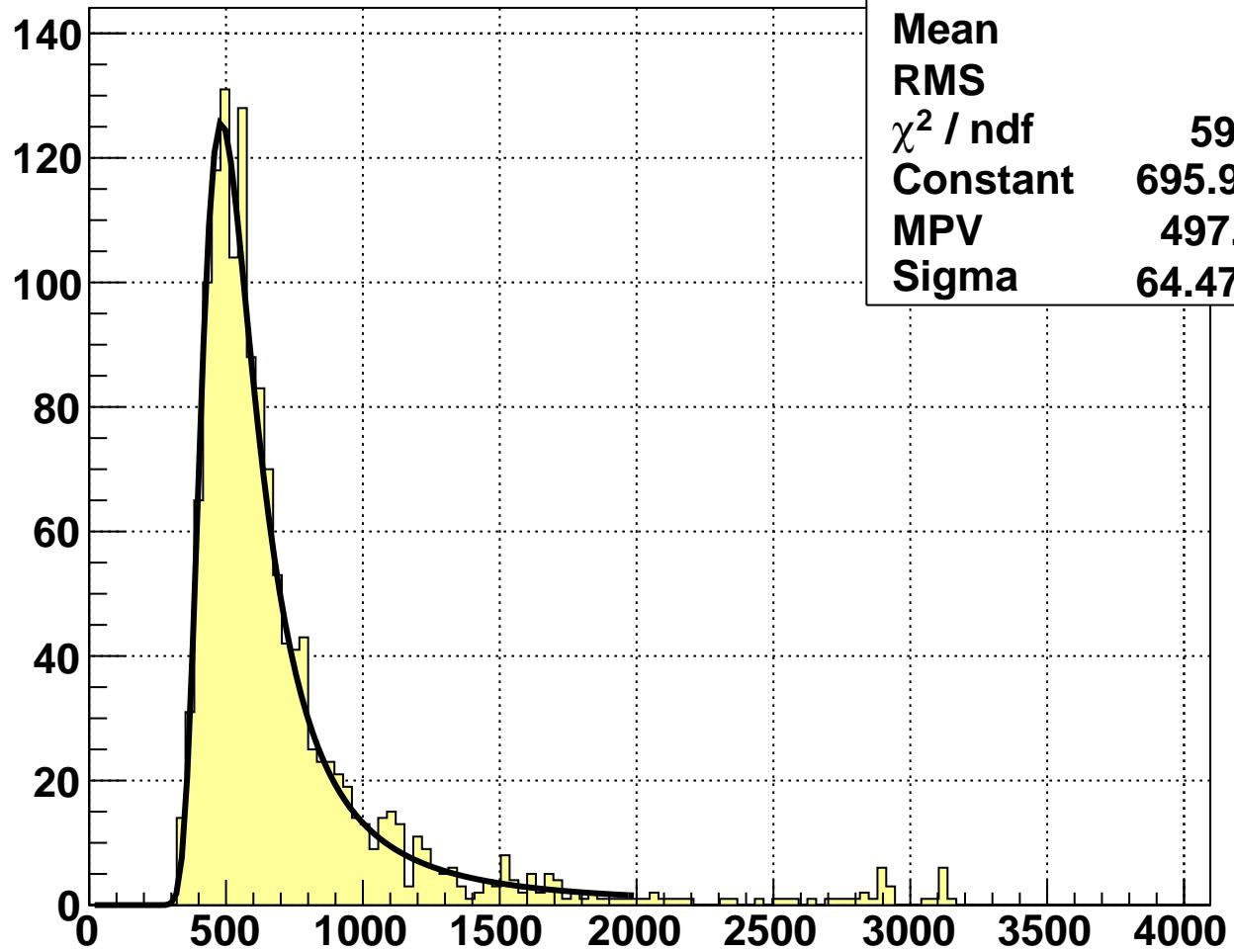
Entries	797
Mean	841.2
RMS	566.9
χ^2 / ndf	42.12 / 49
Constant	317.7 ± 18.2
MPV	521 ± 6.0
Sigma	75.6 ± 3.5



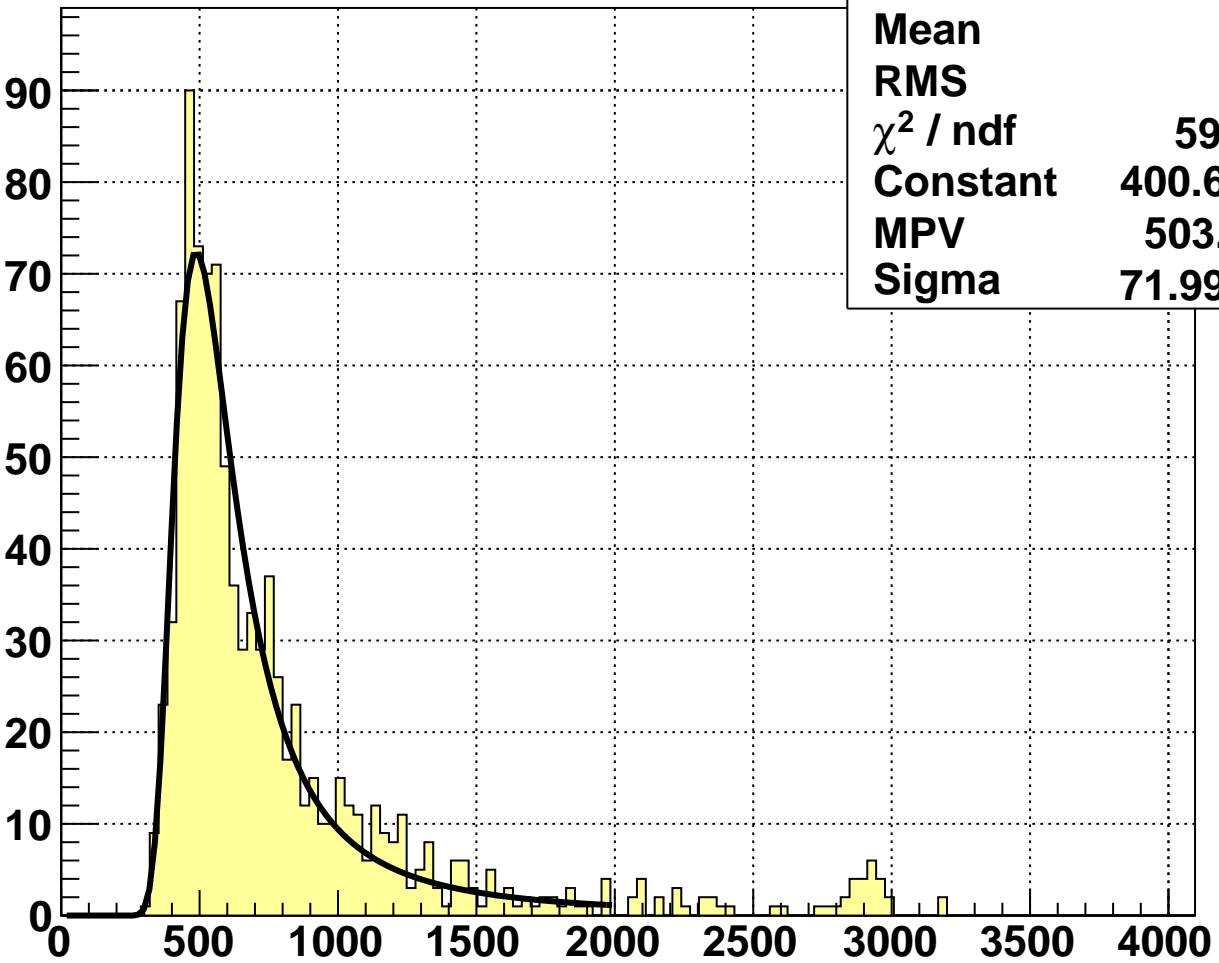
FST - MIP peak non-ZS, RDO6_ARM1_PORT1_SEC0

nonZS_Section_66

Entries	1433
Mean	722.6
RMS	436.4
χ^2 / ndf	59.07 / 50
Constant	695.9 ± 28.5
MPV	497.6 ± 3.8
Sigma	64.47 ± 2.09

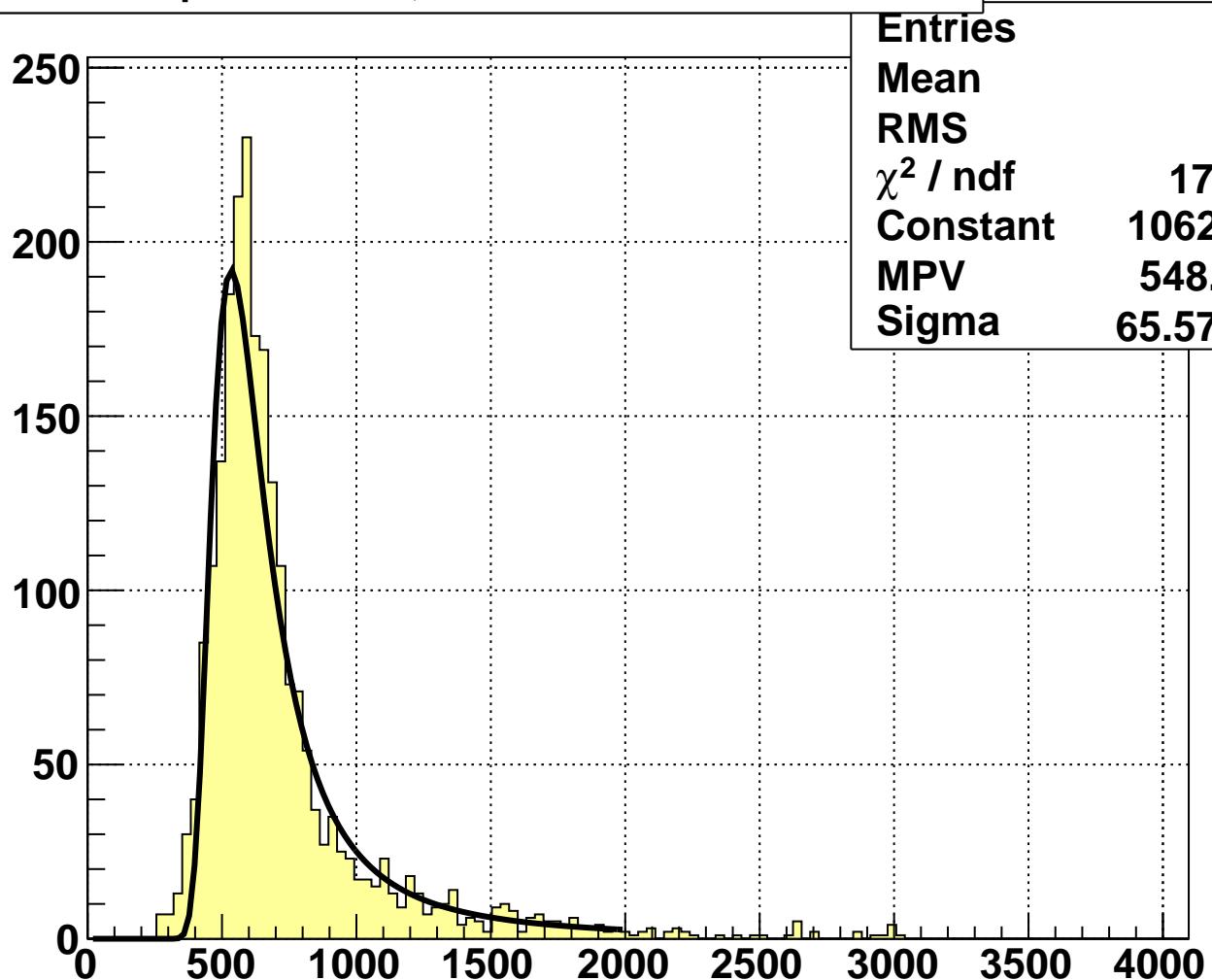


Entries	957
Mean	796.1
RMS	523.5
χ^2 / ndf	59.54 / 49
Constant	400.6 ± 21.2
MPV	503.8 ± 5.4
Sigma	71.99 ± 3.10



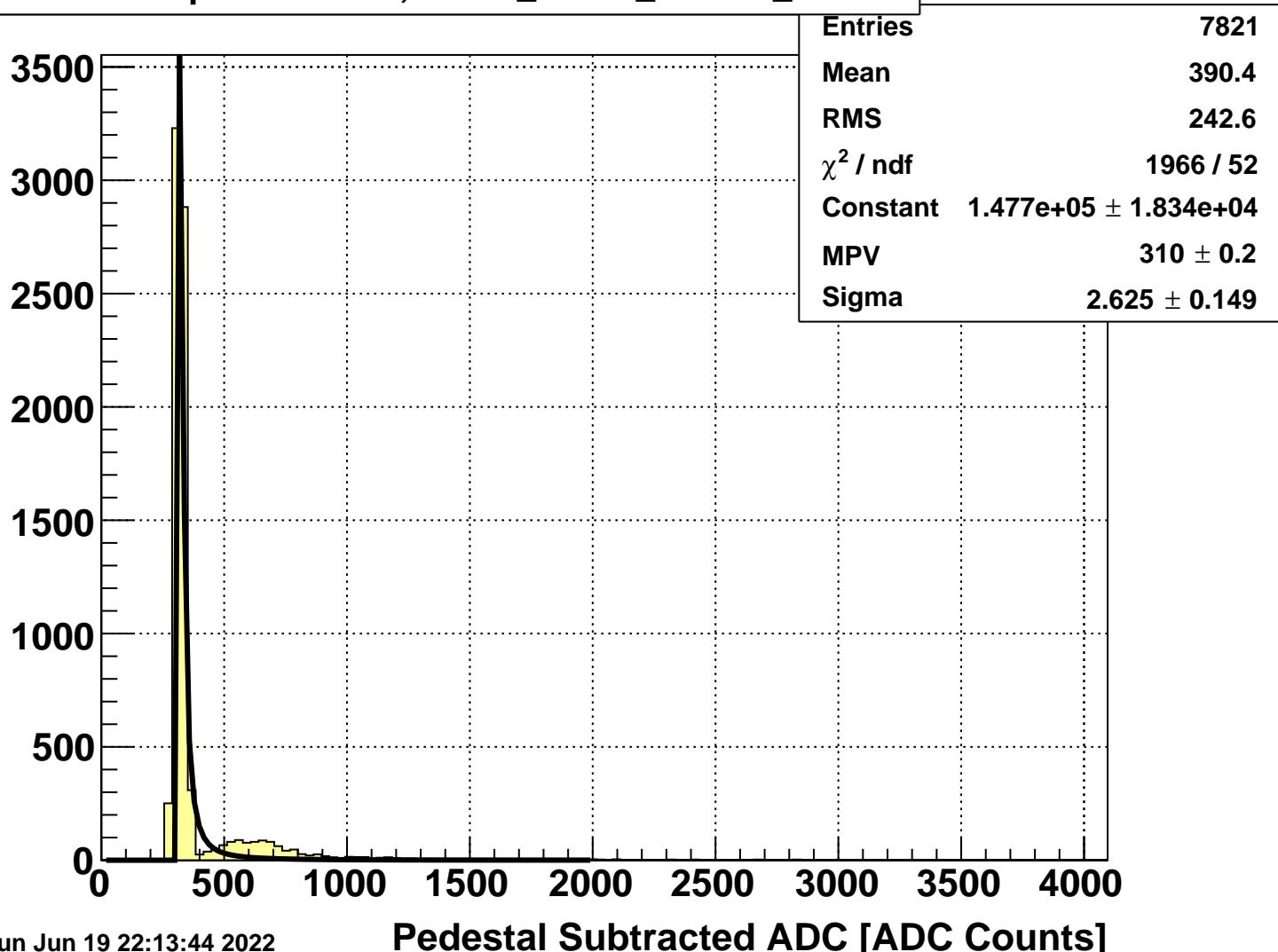
FST - MIP peak non-ZS, RDO6_ARM2_PORT0_SEC0

nonZS_Section_68



FST - MIP peak non-ZS, RDO6_ARM2_PORT0_SEC1

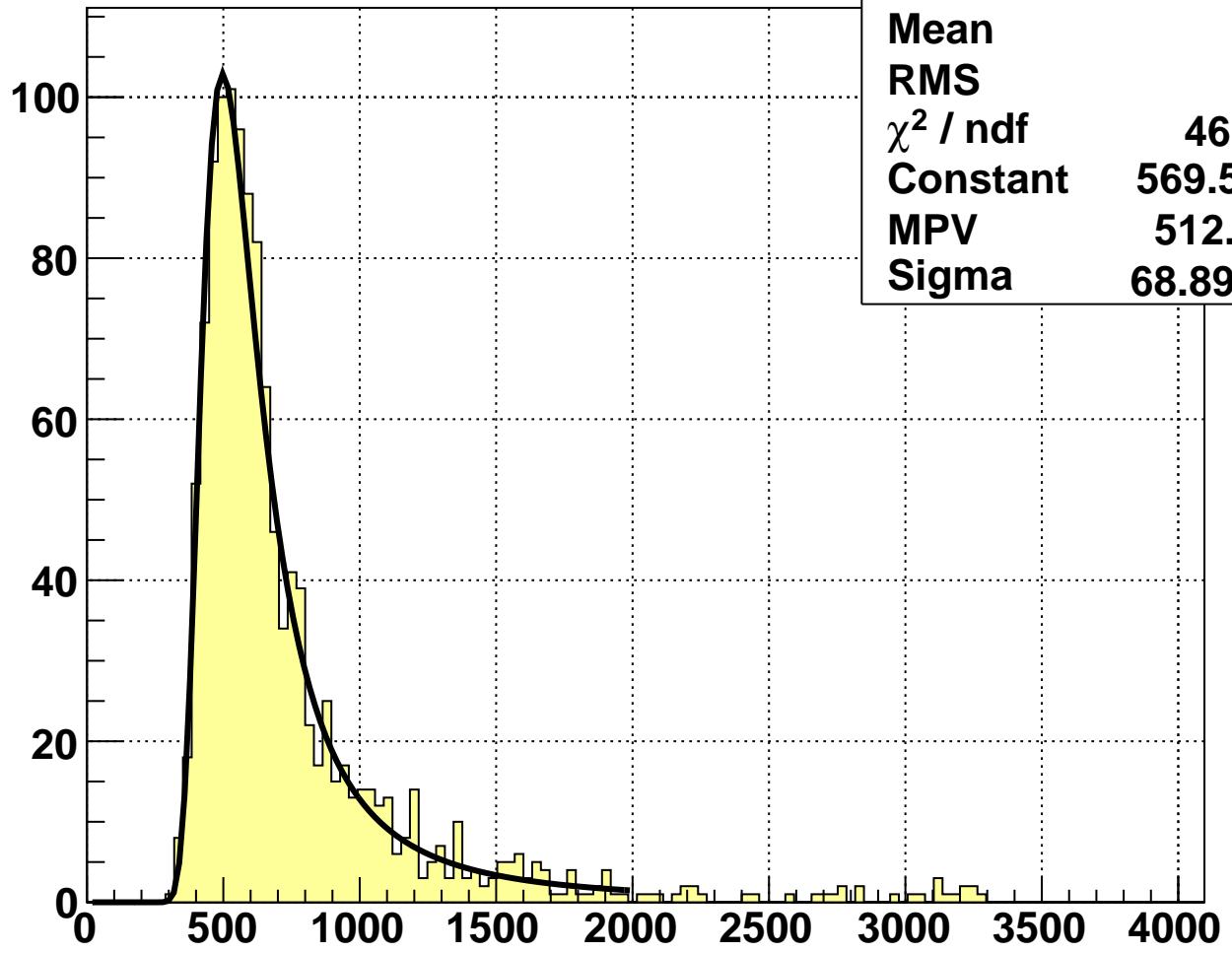
nonZS_Section_69



FST - MIP peak non-ZS, RDO6_ARM2_PORT1_SEC0

nonZS_Section_70

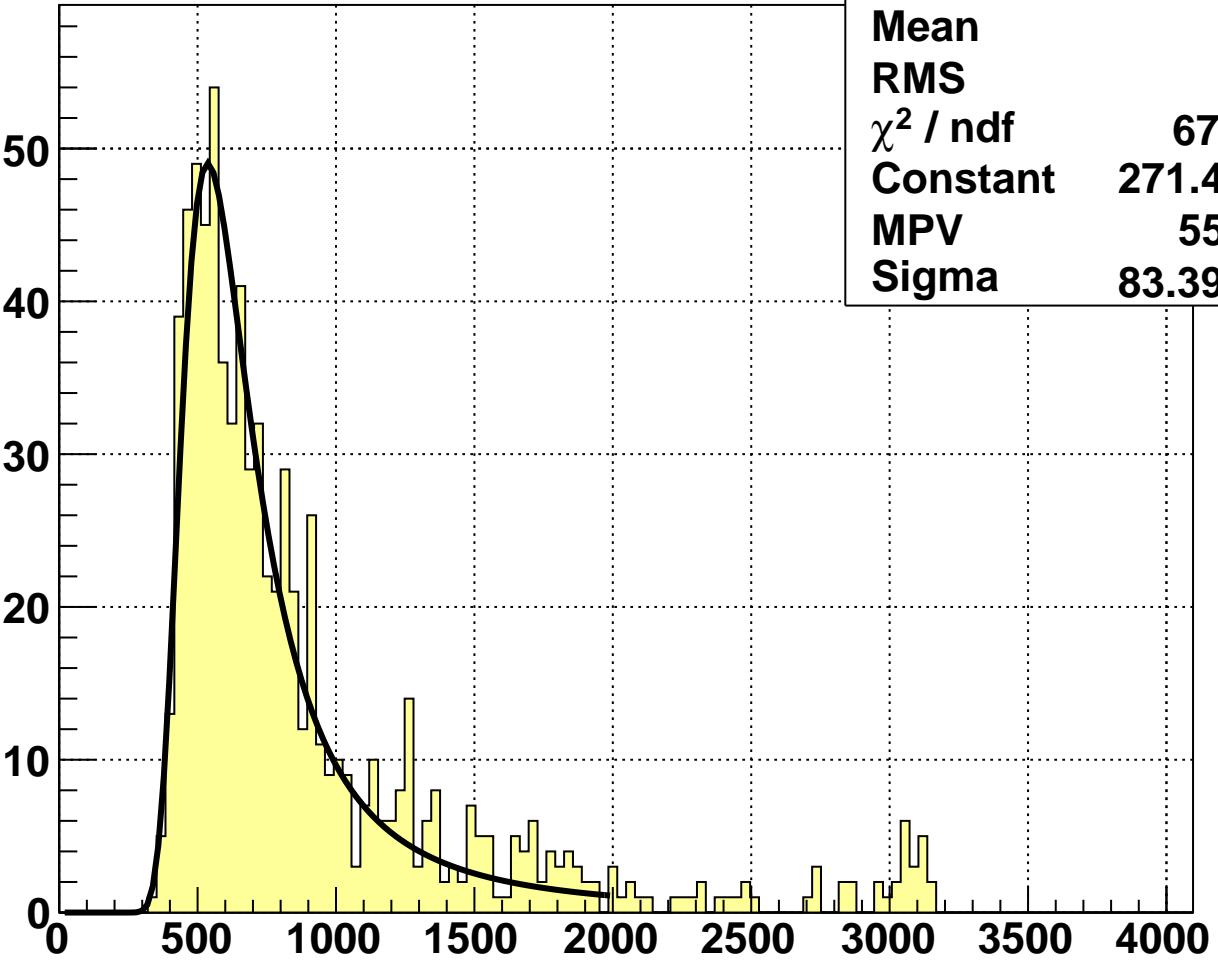
Entries	1240
Mean	745
RMS	440.9
χ^2 / ndf	46.61 / 50
Constant	569.5 ± 25.1
MPV	512.6 ± 4.3
Sigma	68.89 ± 2.42



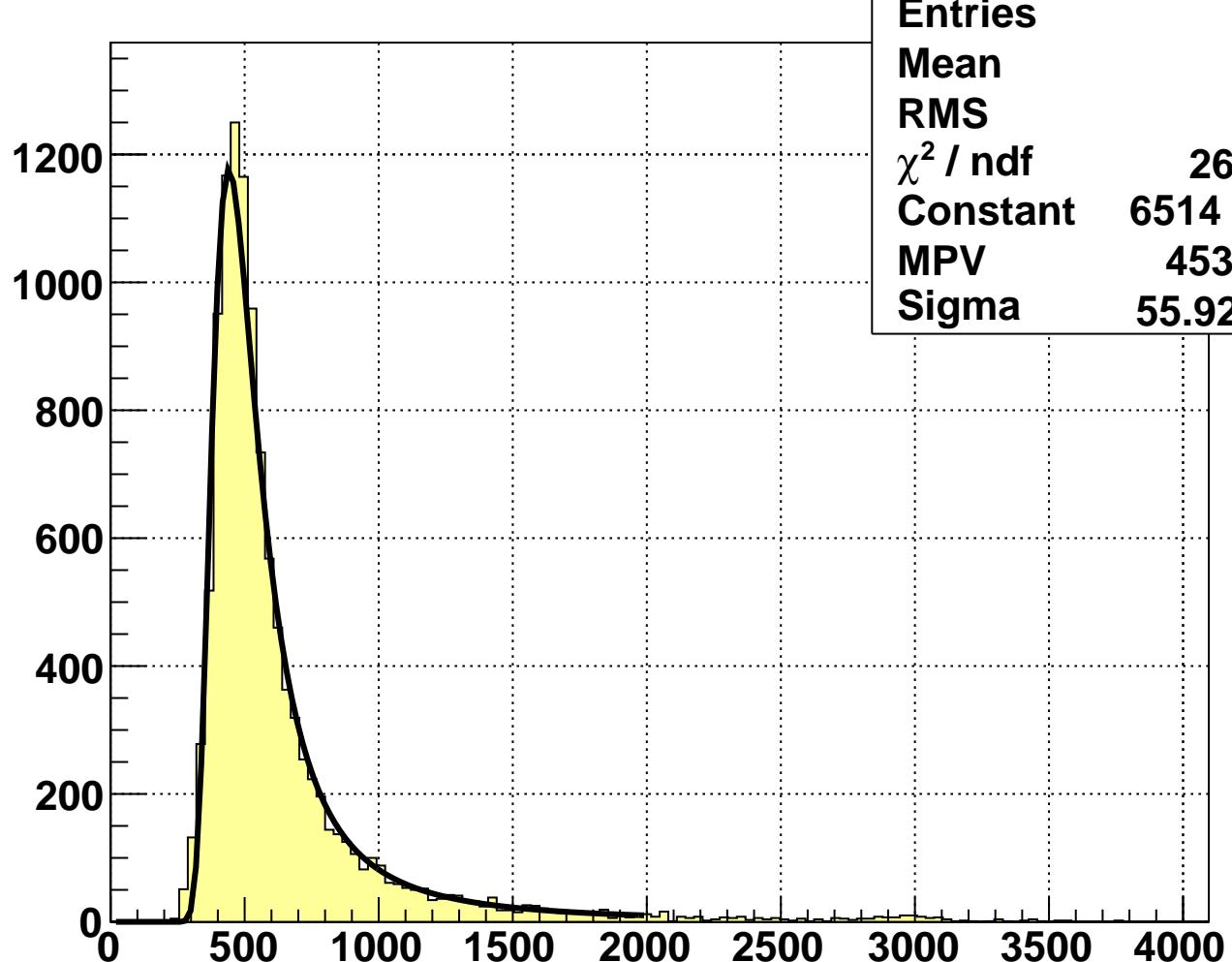
FST - MIP peak non-ZS, RDO6_ARM2_PORT1_SEC1

nonZS_Section_71

Entries	772
Mean	905
RMS	581.5
χ^2 / ndf	67.08 / 49
Constant	271.4 ± 16.0
MPV	555 ± 7.6
Sigma	83.39 ± 4.02

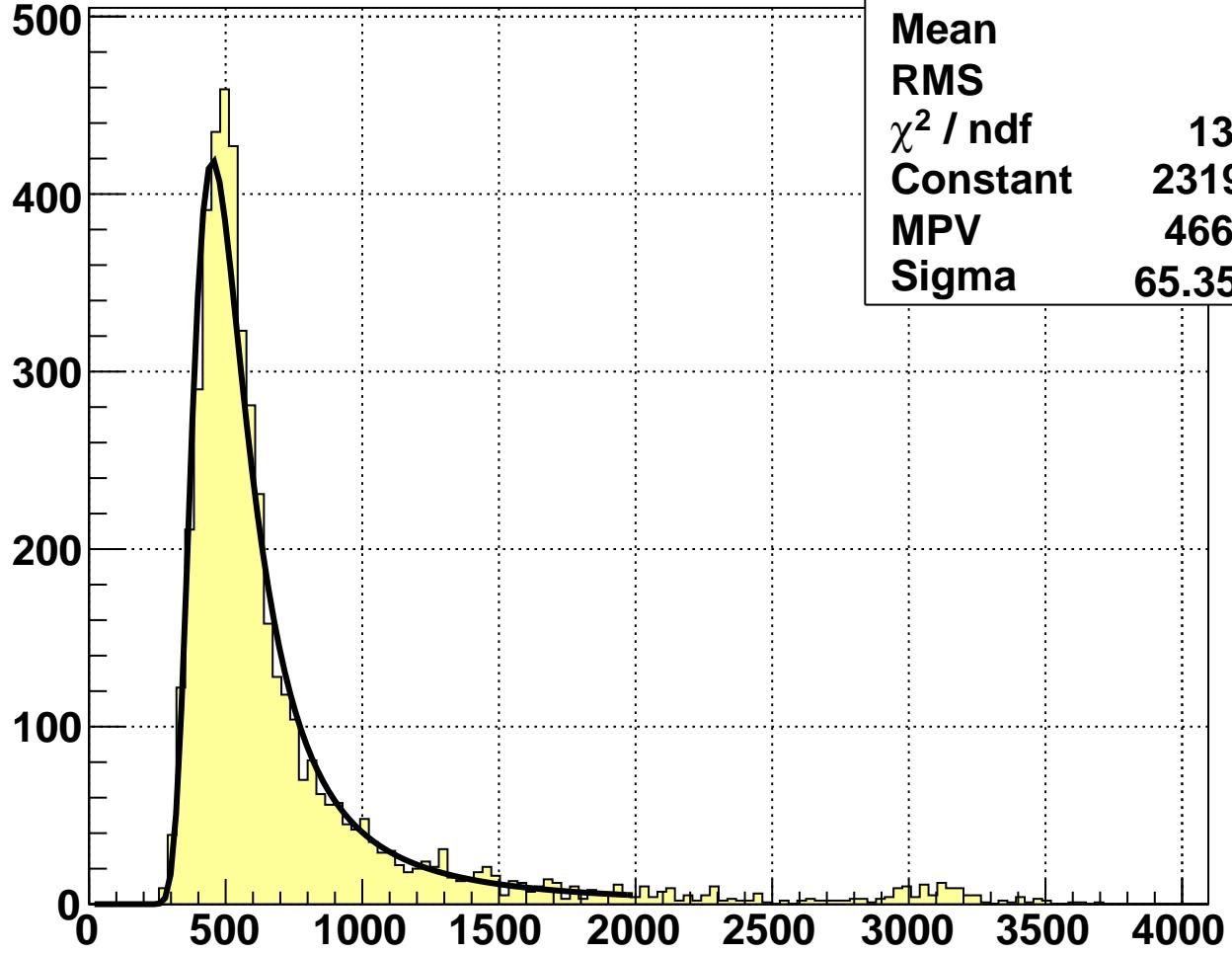


FST - MIP peak ZS, RDO1_ARM0_PORT0_SEC0 P_ZS_Section_0

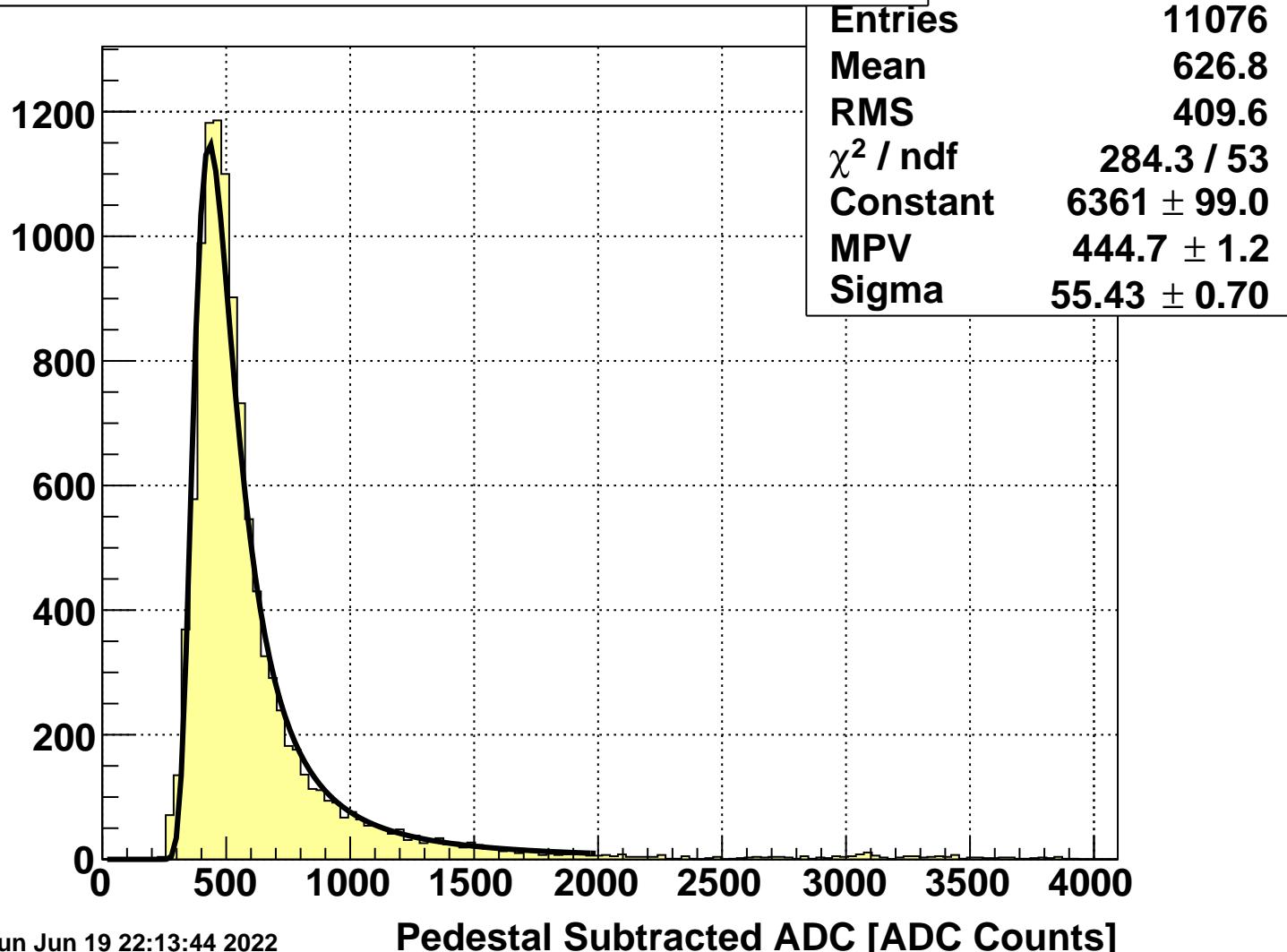


FST - MIP peak ZS, RDO1_ARM0_PORT0_SEC1 P_ZS_Section_1

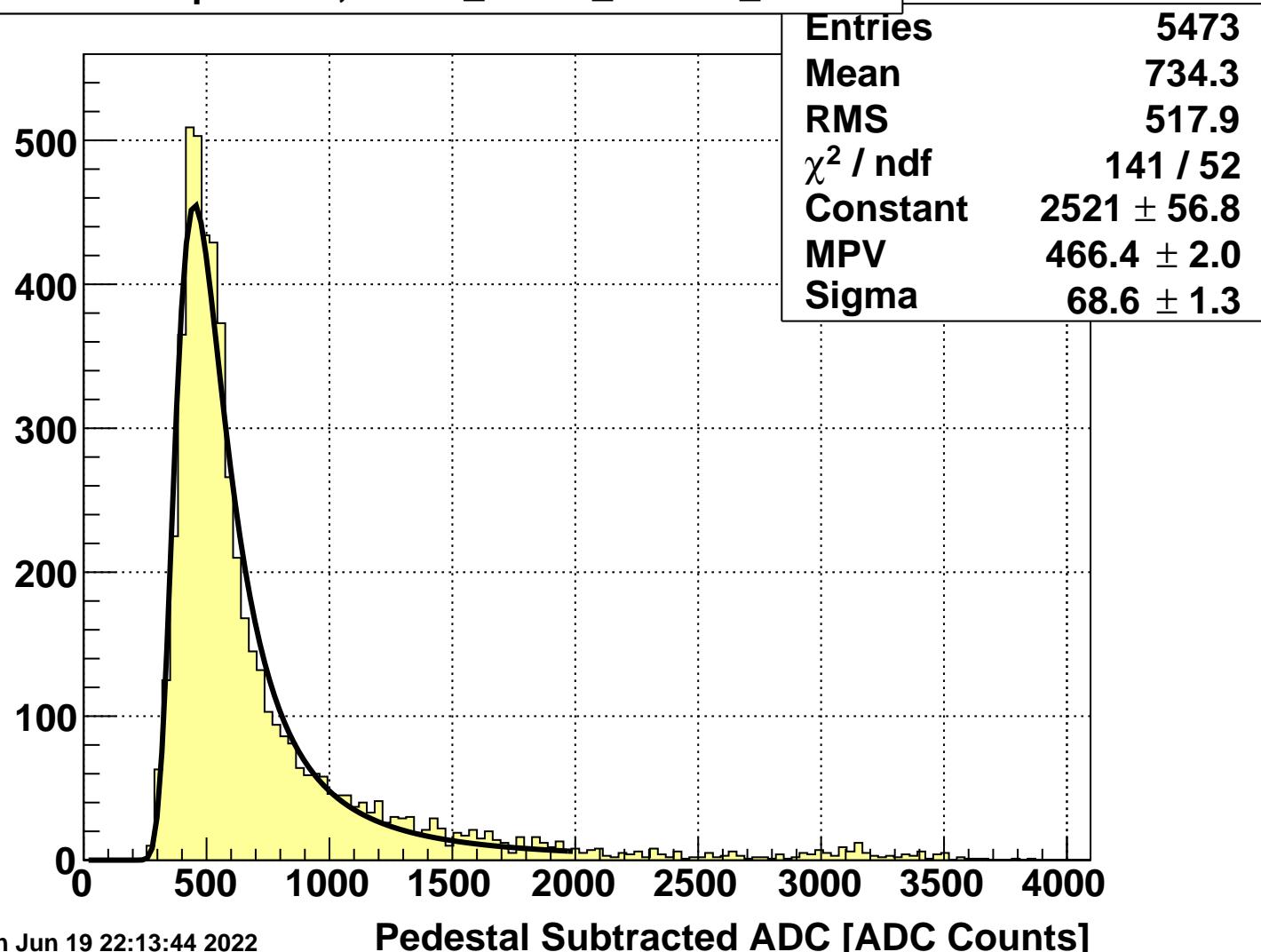
Entries	4838
Mean	721.3
RMS	516.8
χ^2 / ndf	131.2 / 52
Constant	2319 ± 53.1
MPV	466.6 ± 2.1
Sigma	65.35 ± 1.20



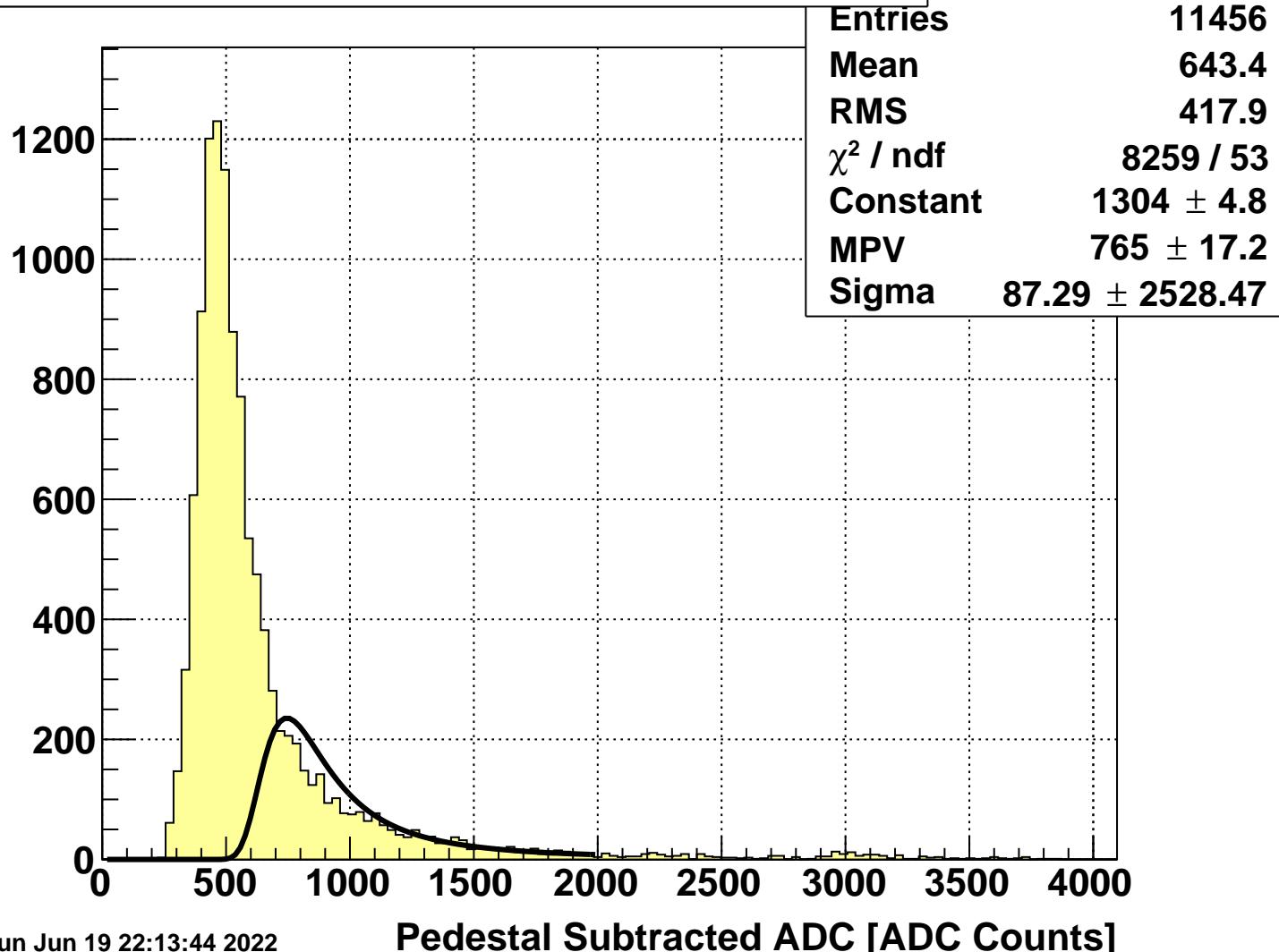
FST - MIP peak ZS, RDO1_ARM0_PORT1_SEC0 P_ZS_Section_2

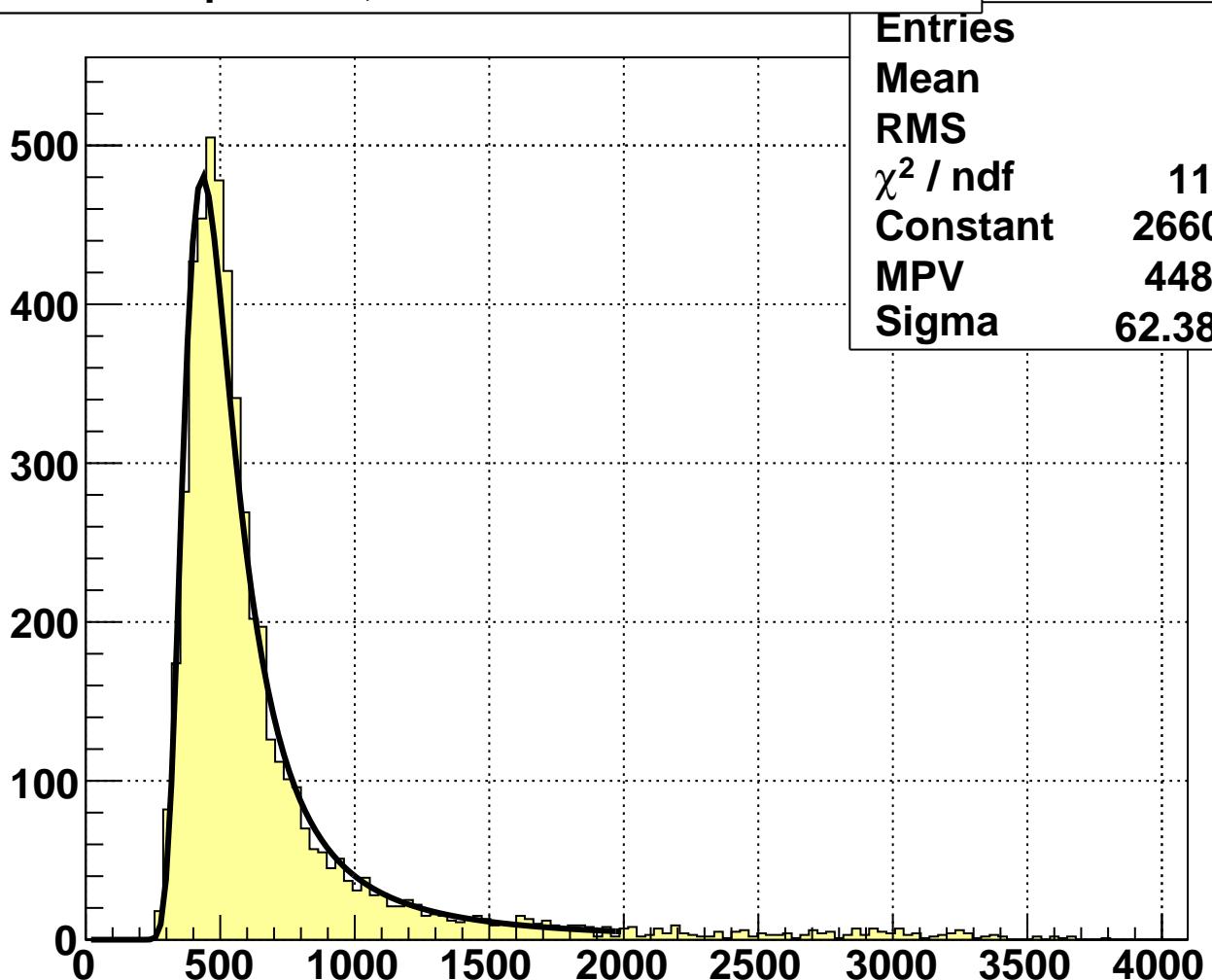


FST - MIP peak ZS, RDO1_ARM0_PORT1_SEC1 P_ZS_Section_3



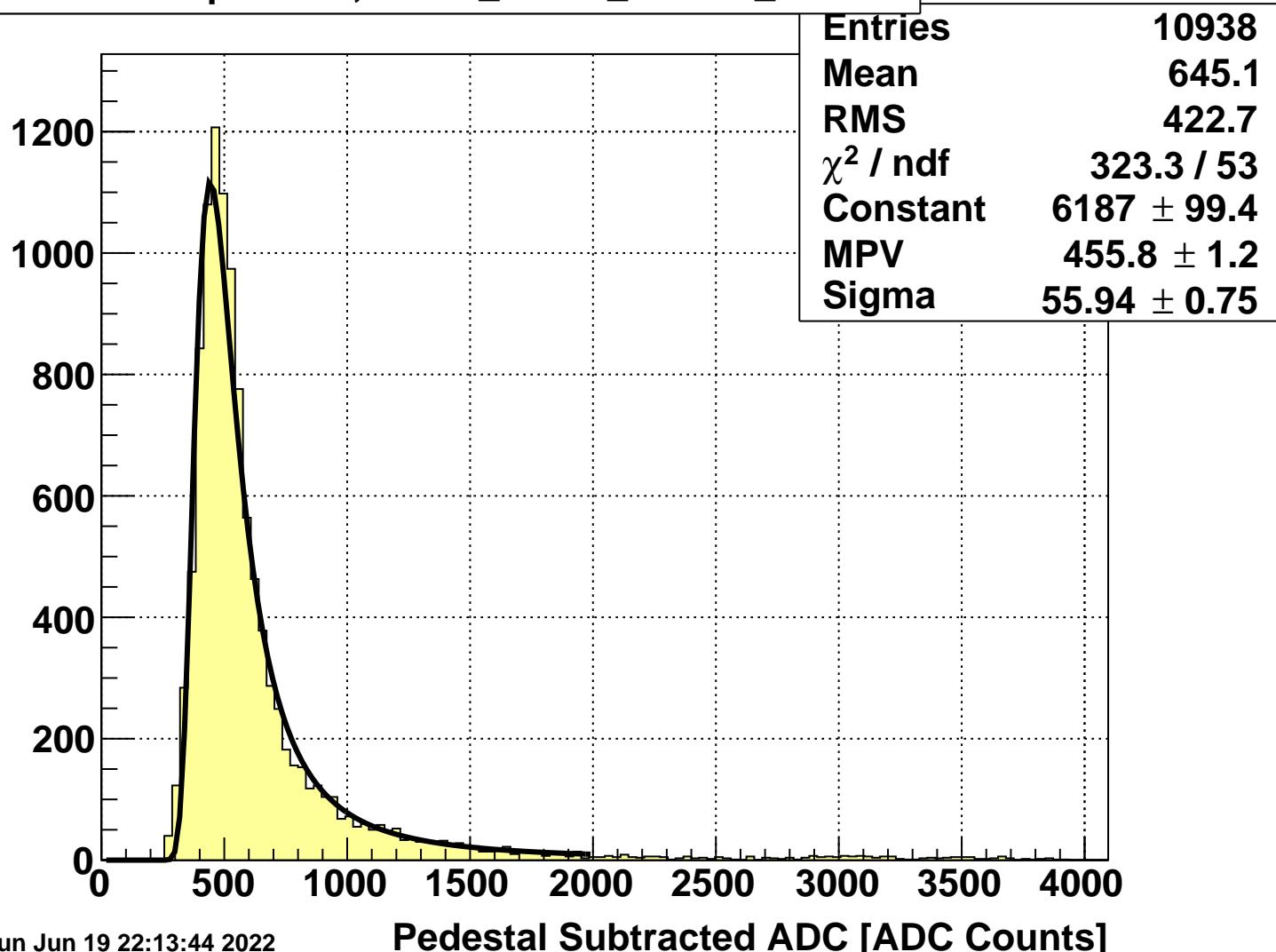
FST - MIP peak ZS, RDO1_ARM1_PORT0_SEC0 P_ZS_Section_4





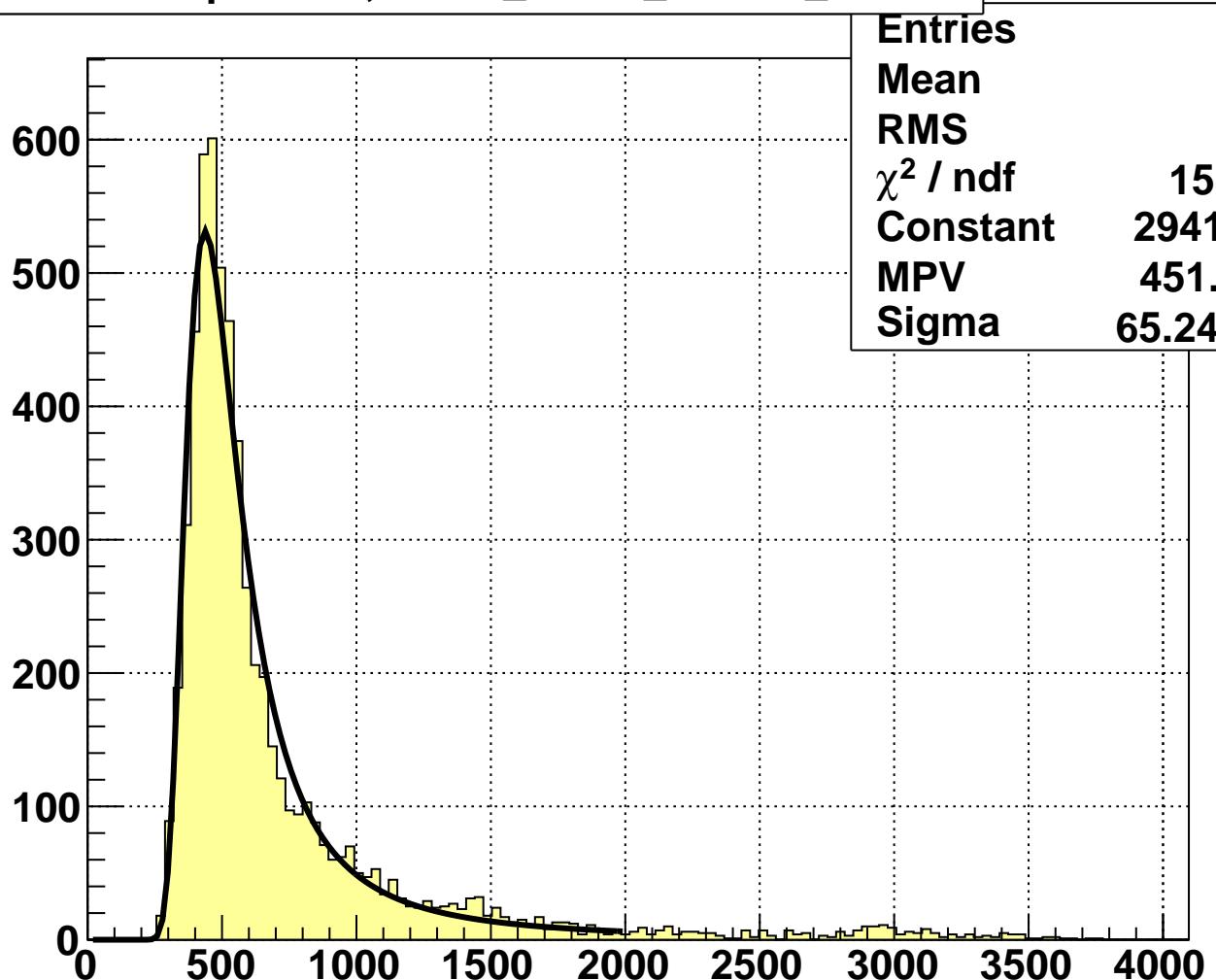
FST - MIP peak ZS, RDO1_ARM1_PORT1_SEC0

P_ZS_Section_6



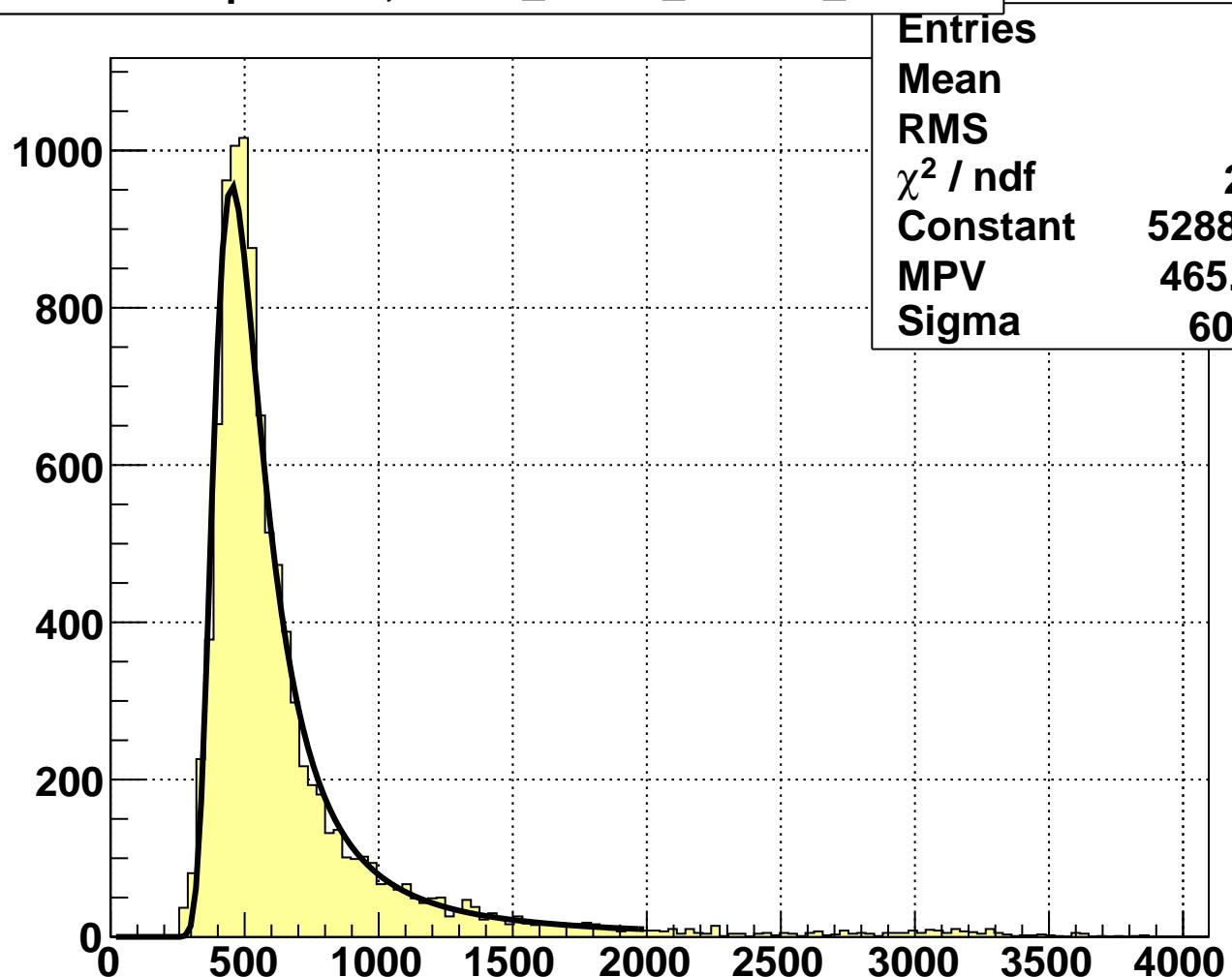
FST - MIP peak ZS, RDO1_ARM1_PORT1_SEC1

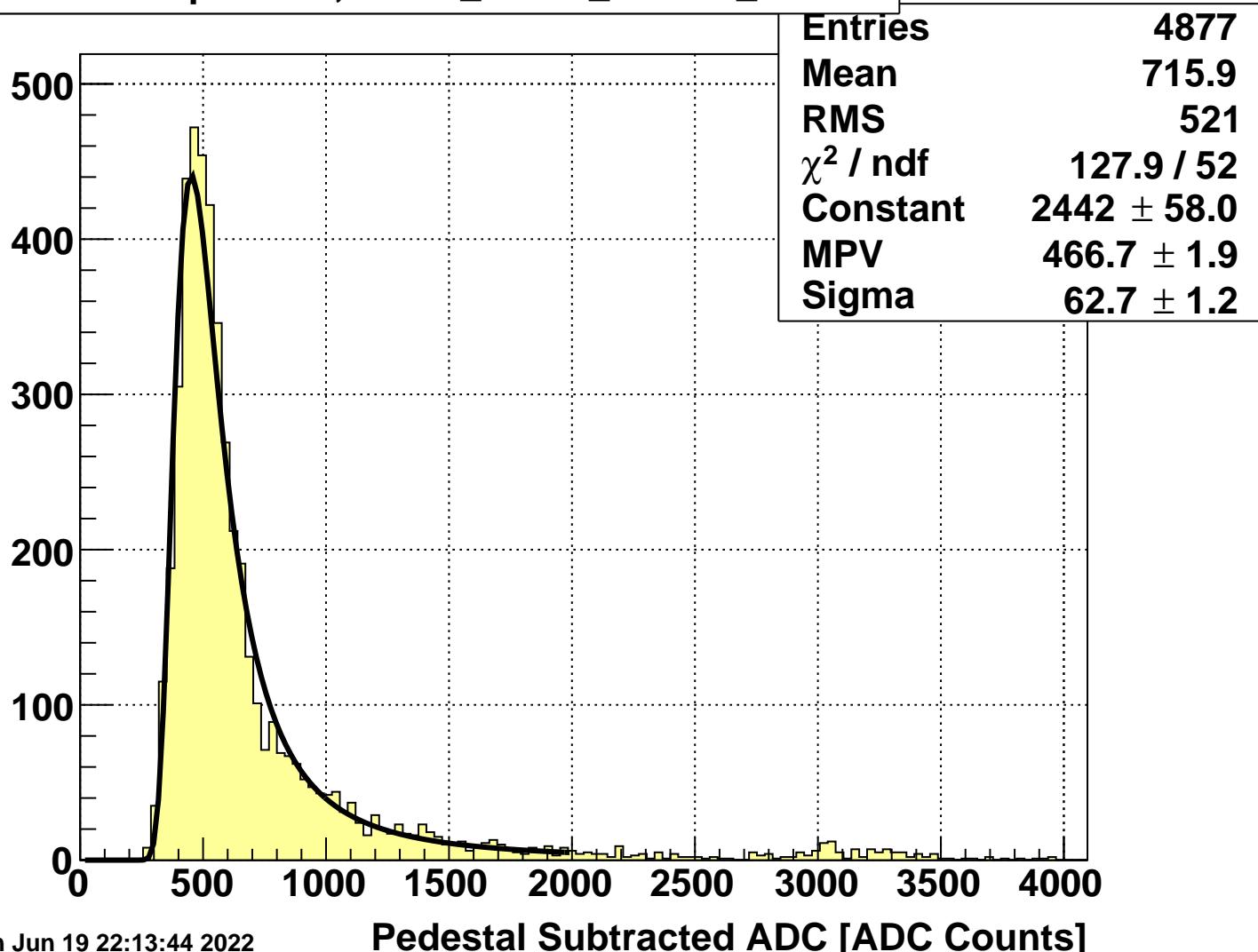
P_ZS_Section_7



FST - MIP peak ZS, RDO1_ARM2_PORT0_SEC0

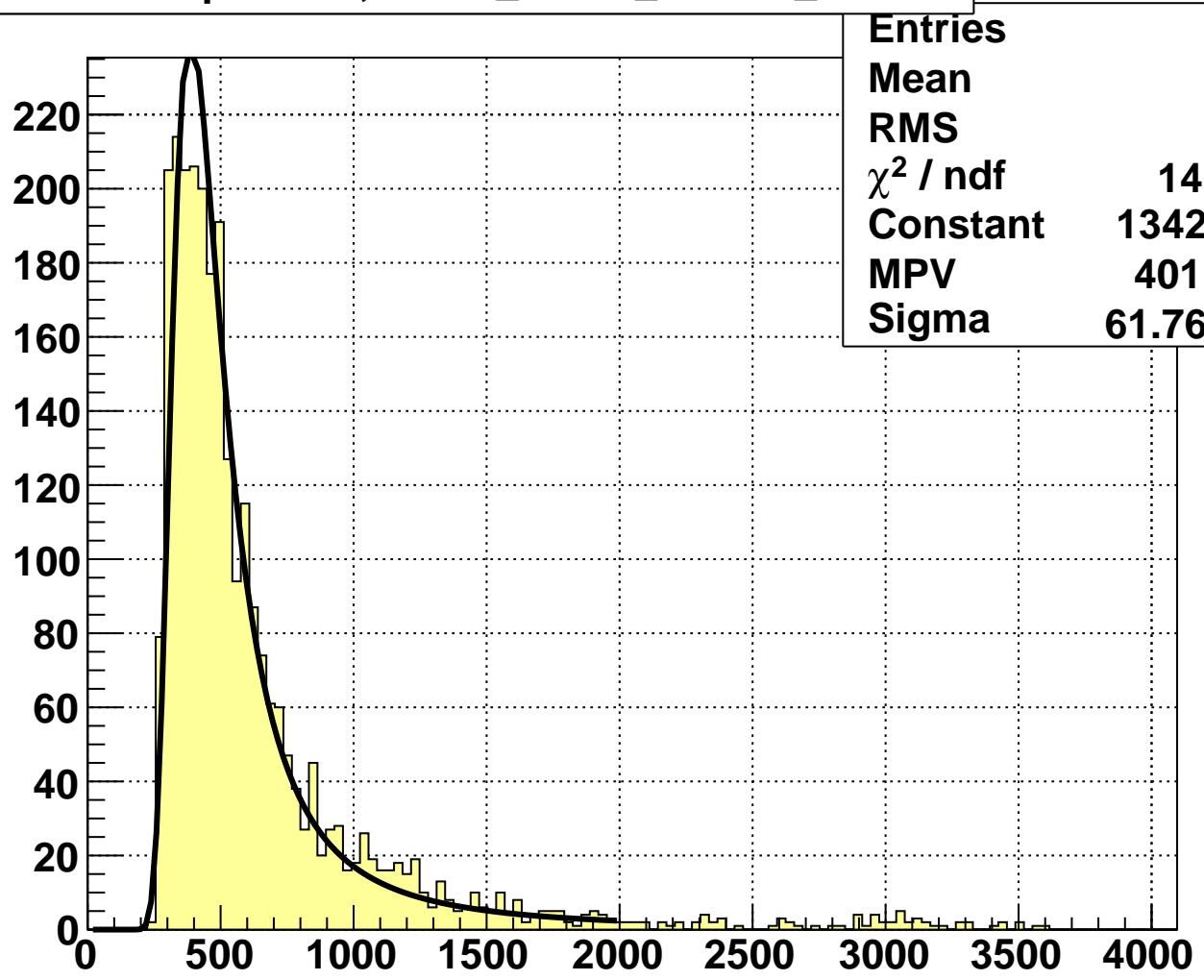
P_ZS_Section_8

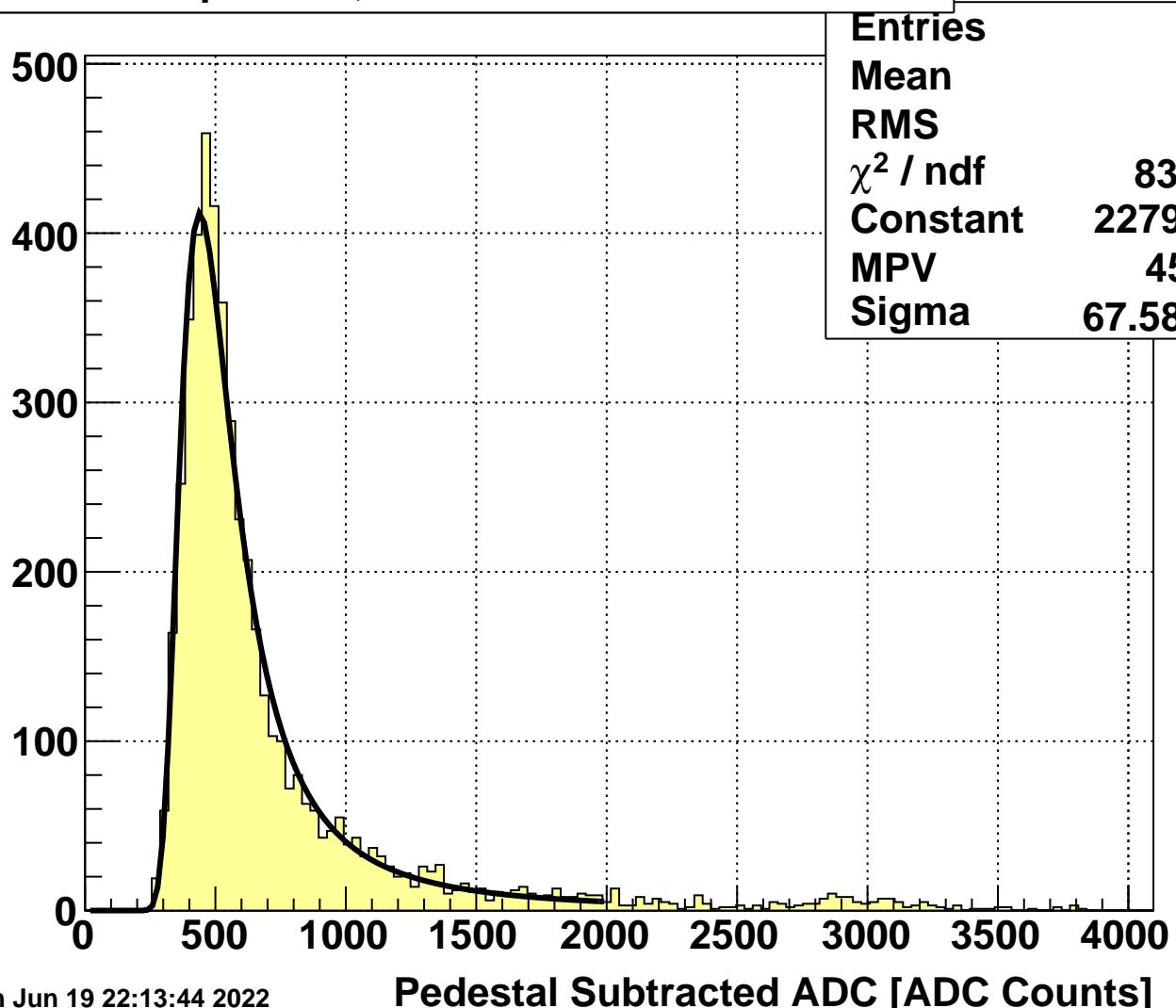




FST - MIP peak ZS, RDO1_ARM2_PORT1_SEC0

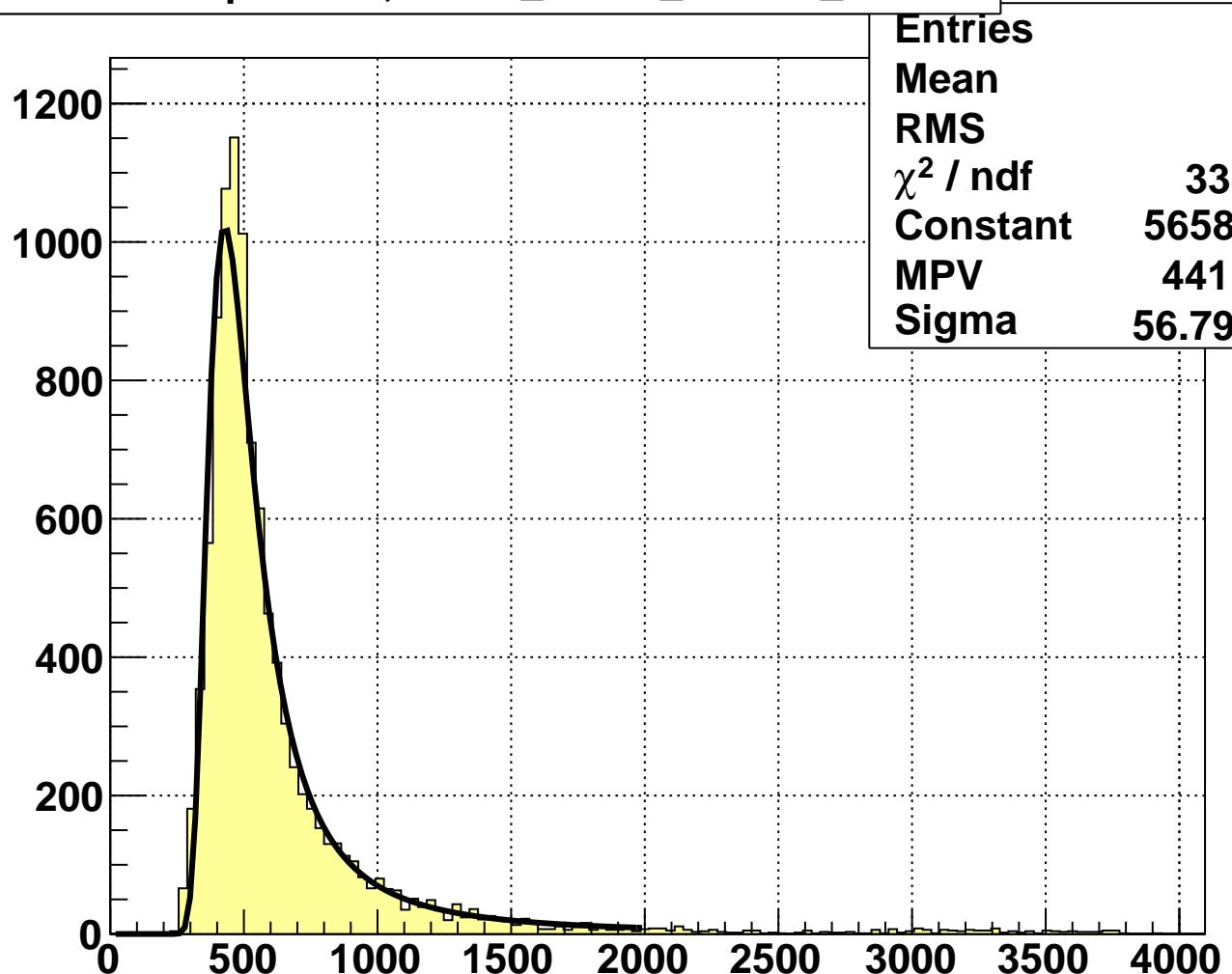
_ZS_Section_10

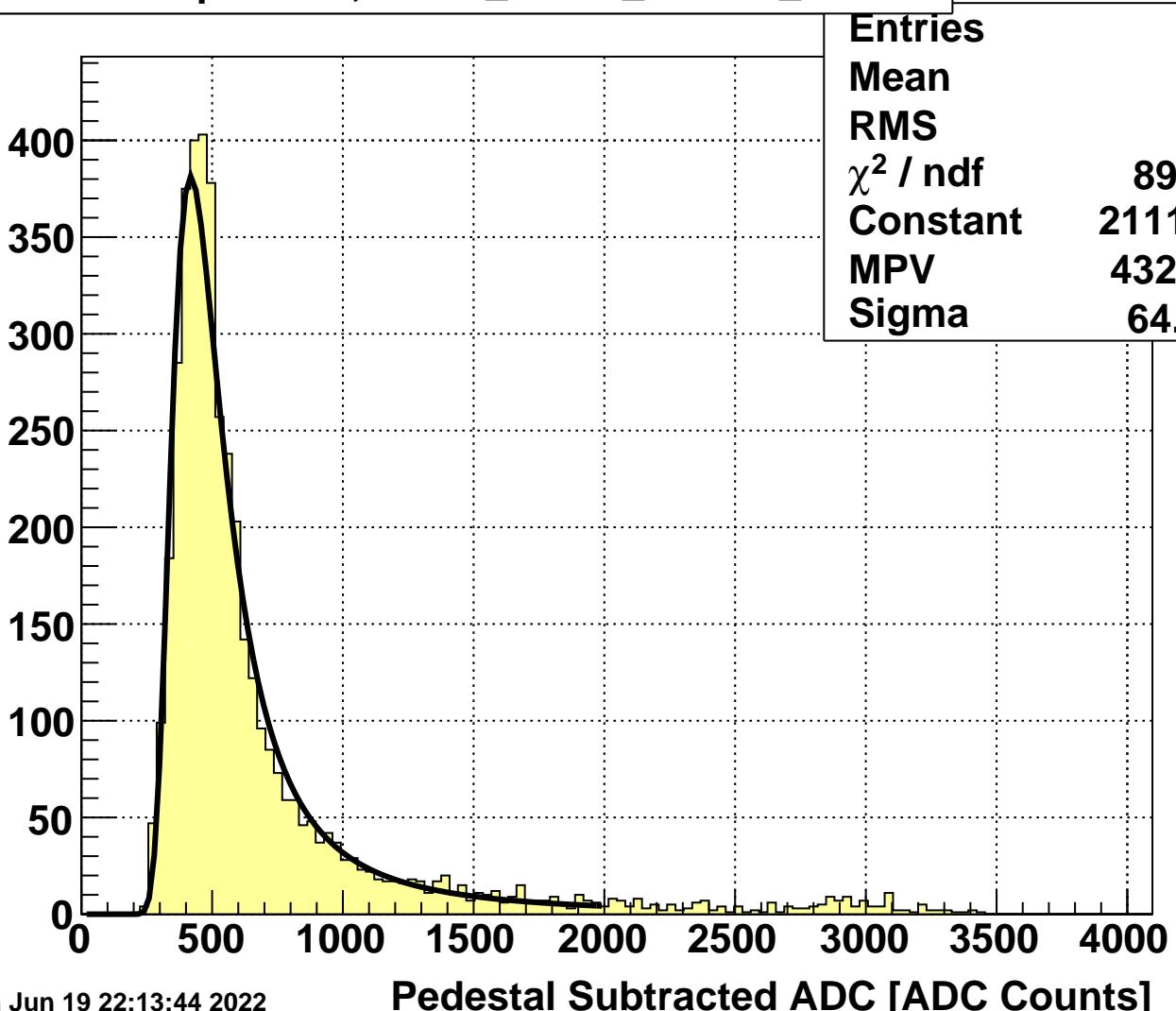




FST - MIP peak ZS, RDO2_ARM0_PORT0_SEC0

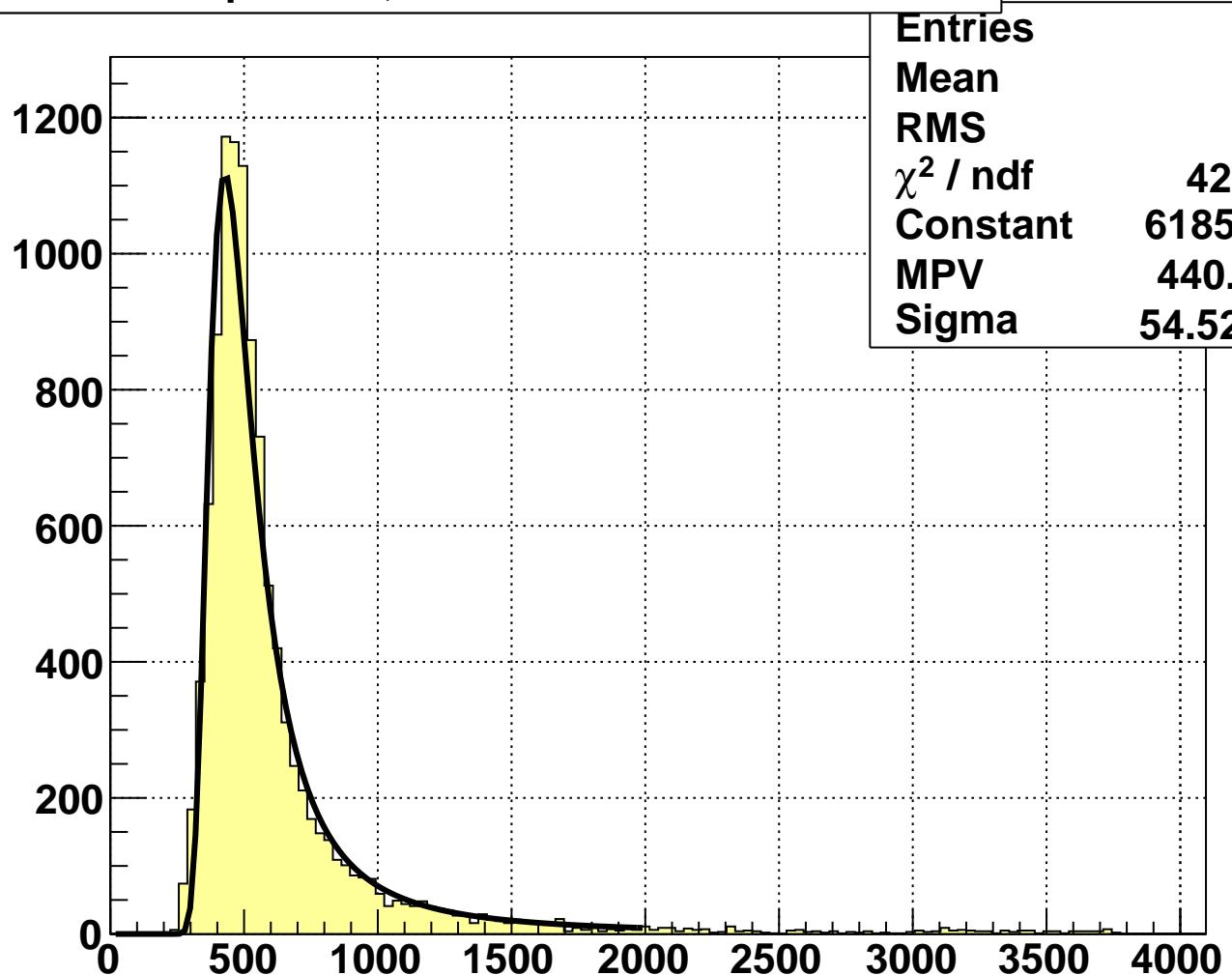
ZS_Section_12

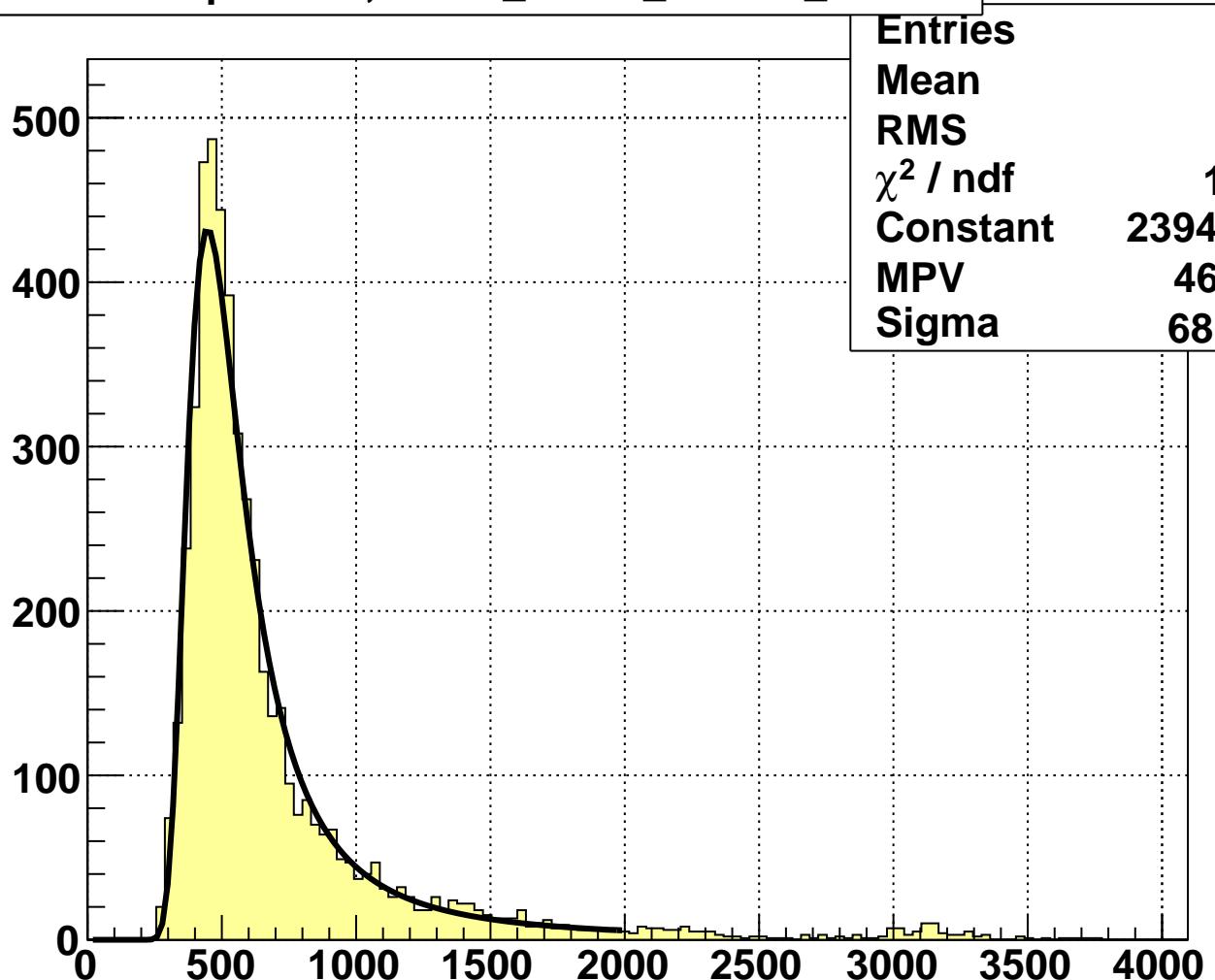




FST - MIP peak ZS, RDO2_ARM0_PORT1_SEC0

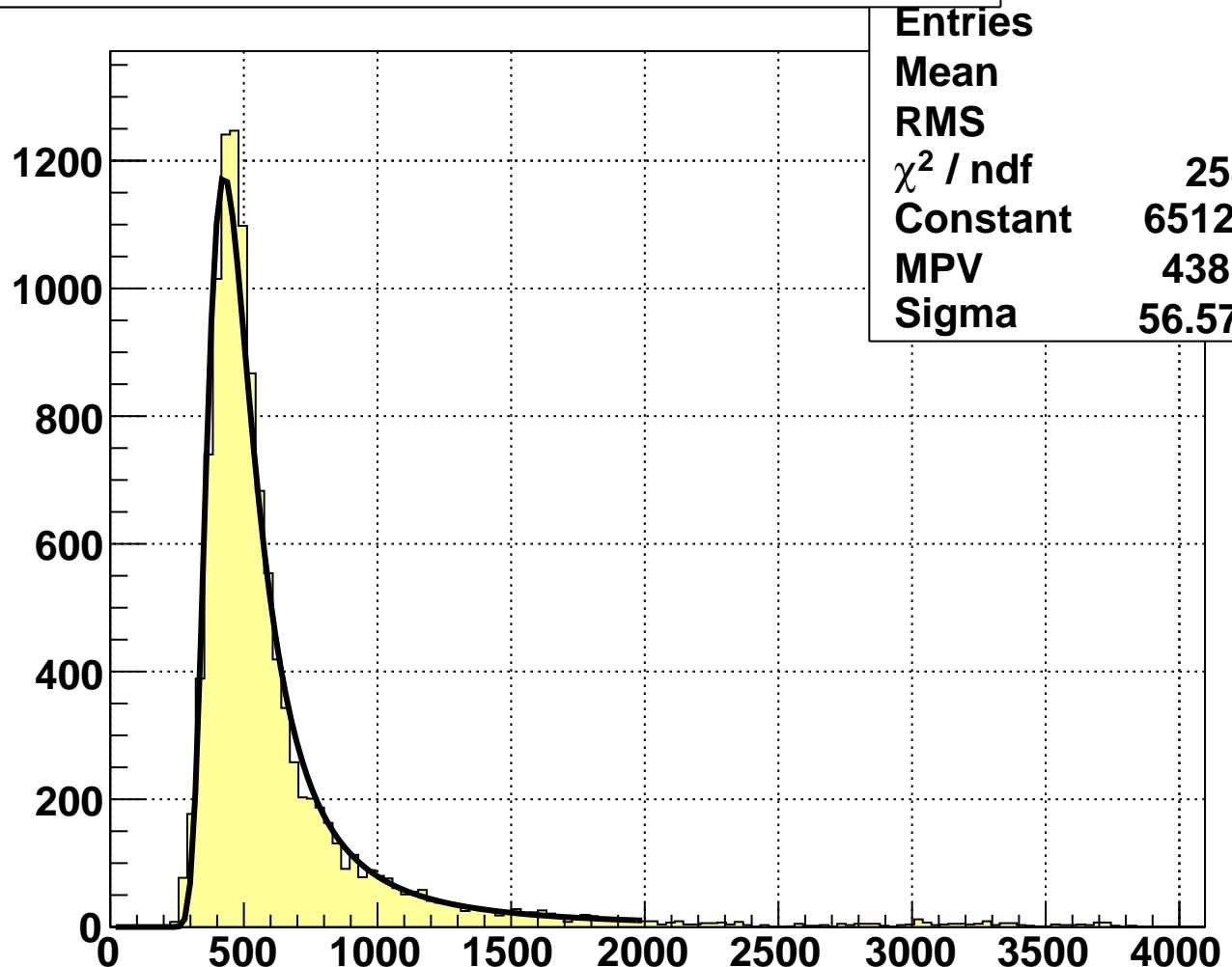
ZS_Section_14

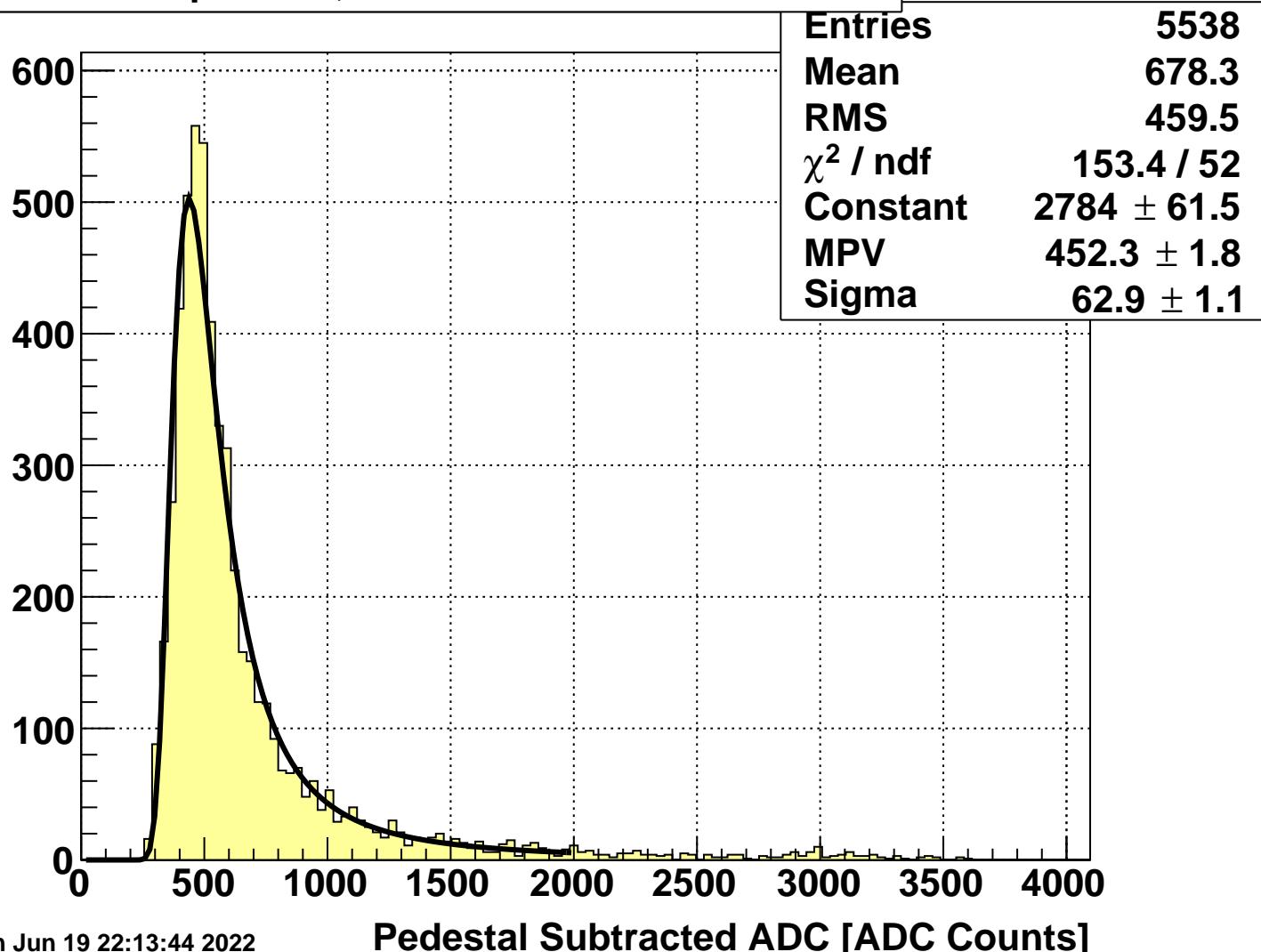




FST - MIP peak ZS, RDO2_ARM1_PORT0_SEC0

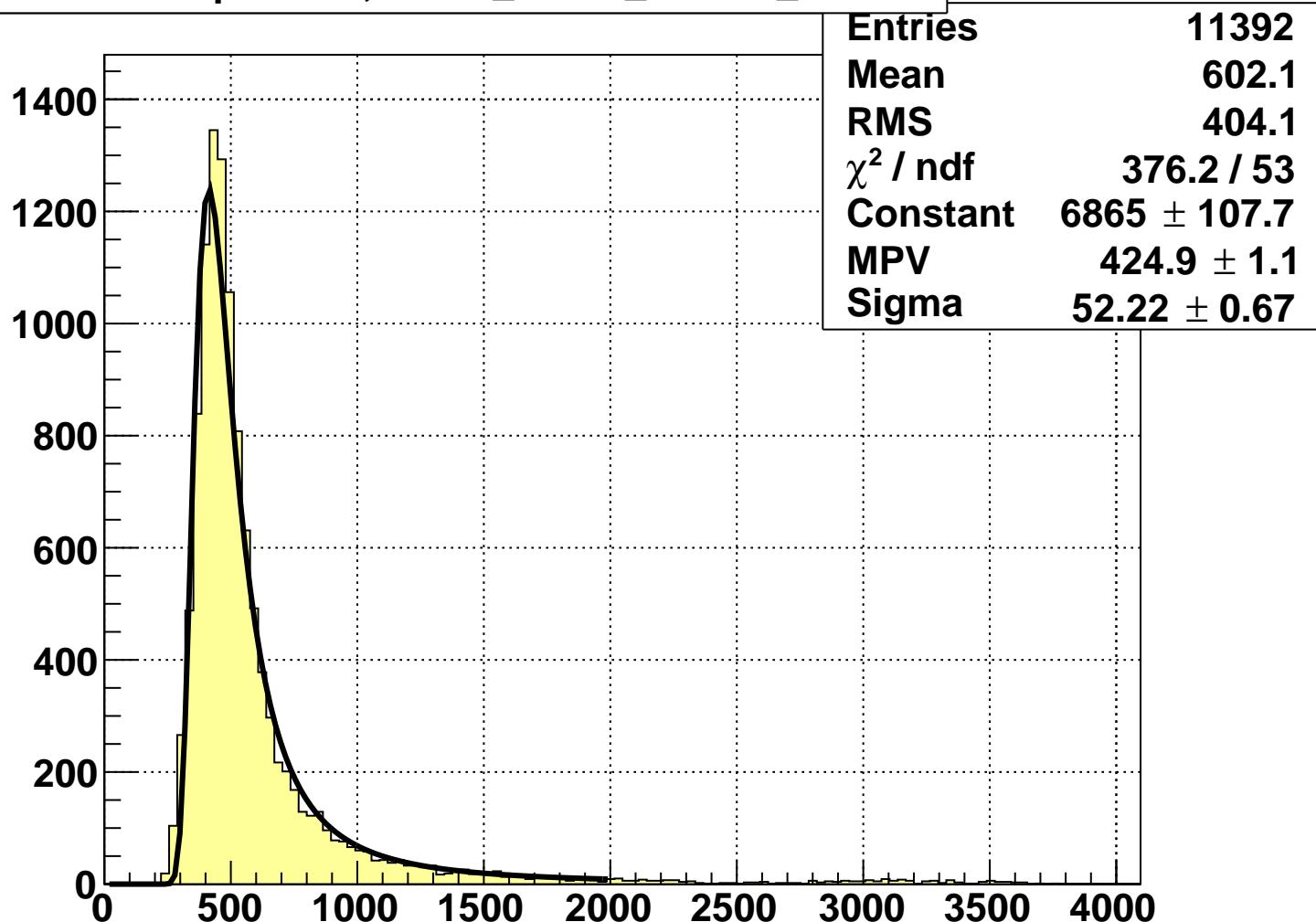
ZS_Section_16

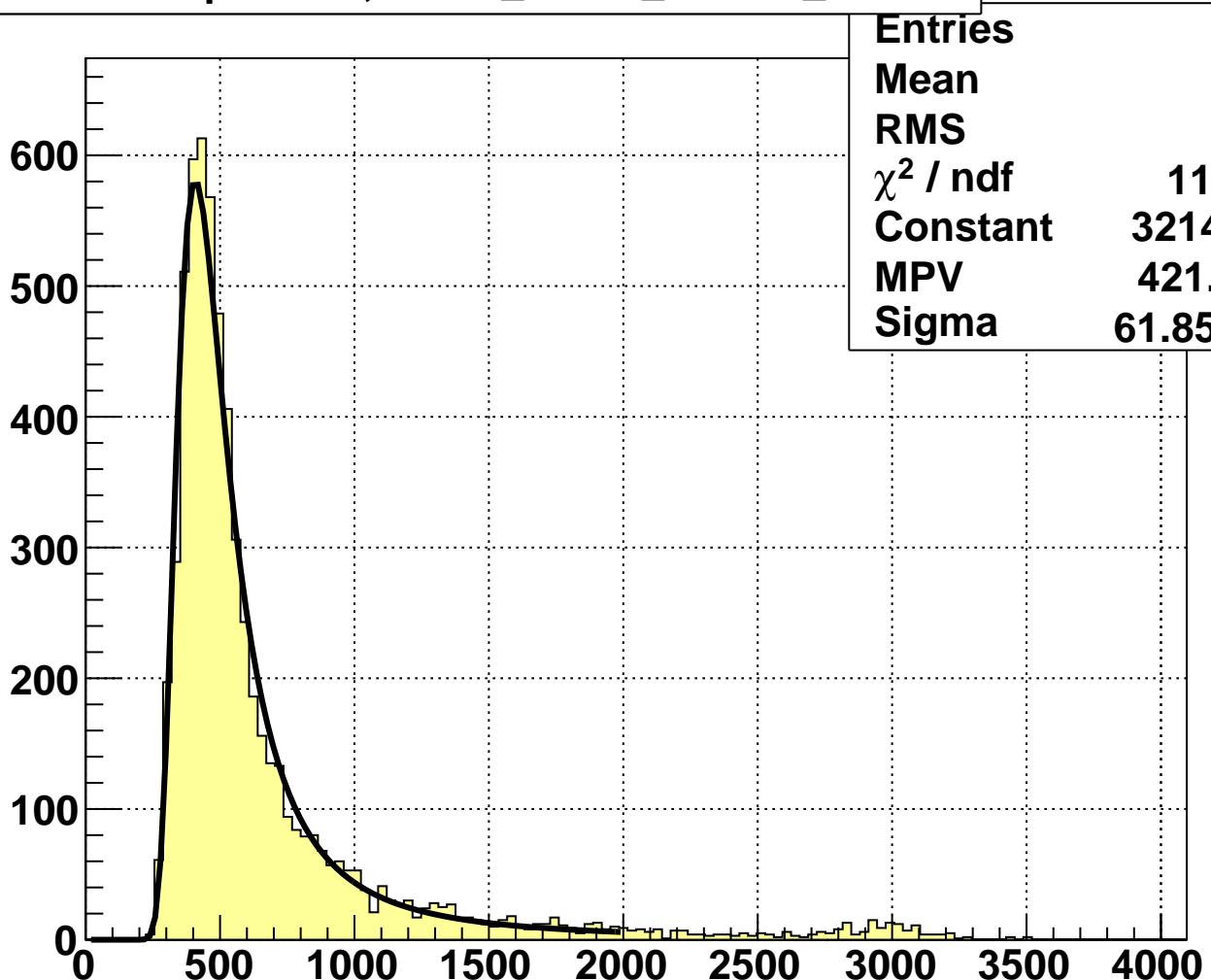




FST - MIP peak ZS, RDO2_ARM1_PORT1_SEC0

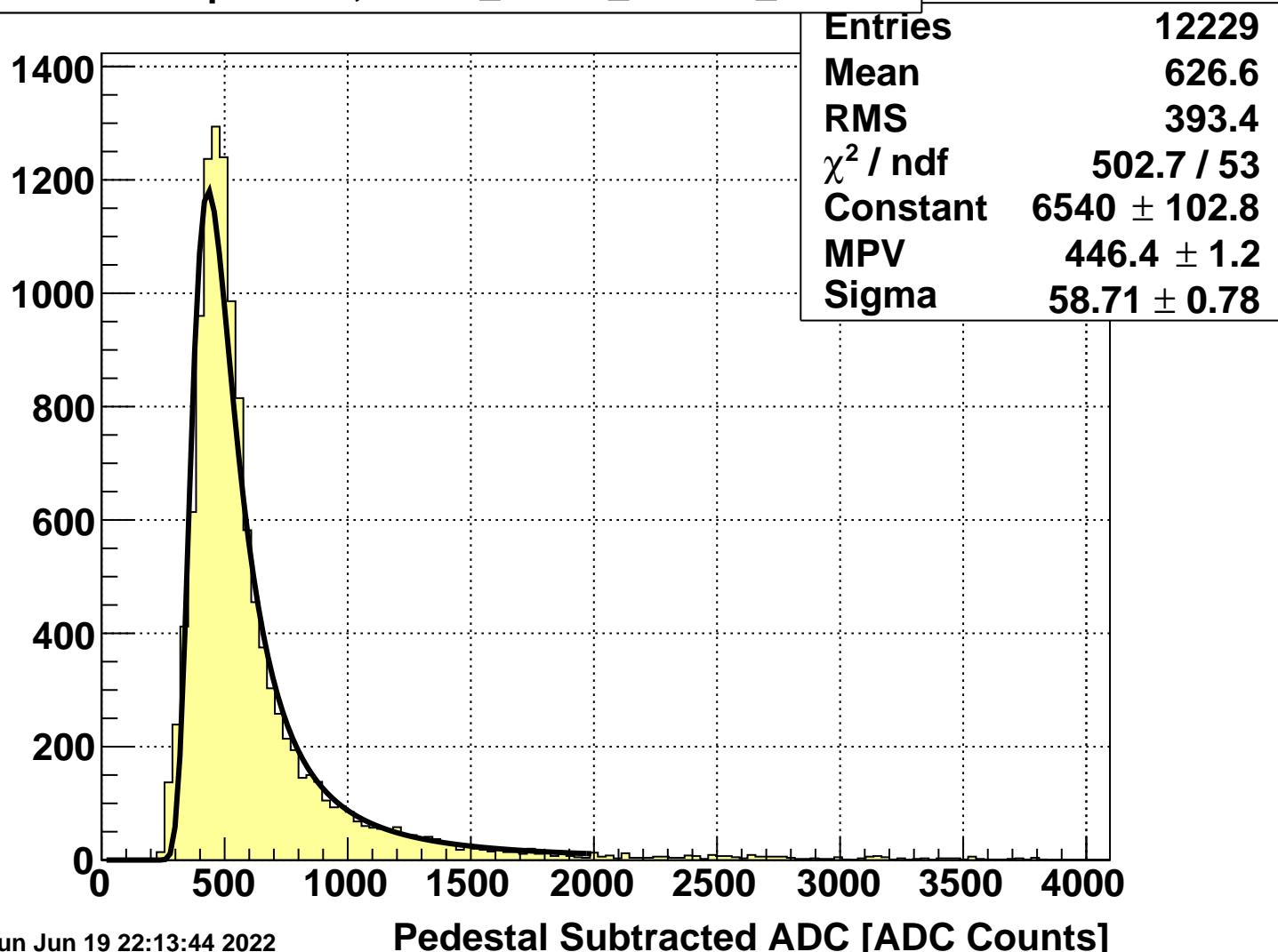
_ZS_Section_18

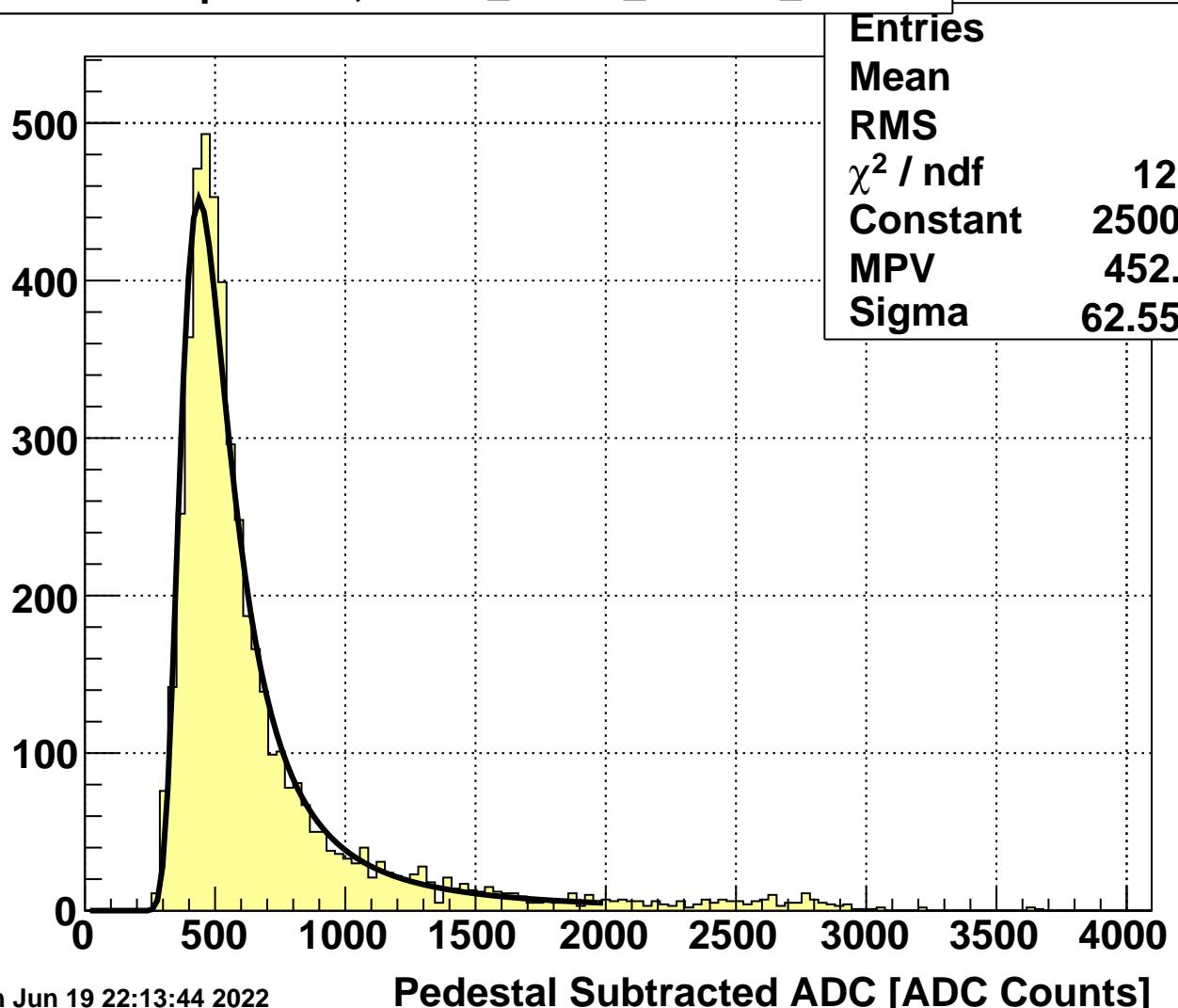




FST - MIP peak ZS, RDO2_ARM2_PORT0_SEC0

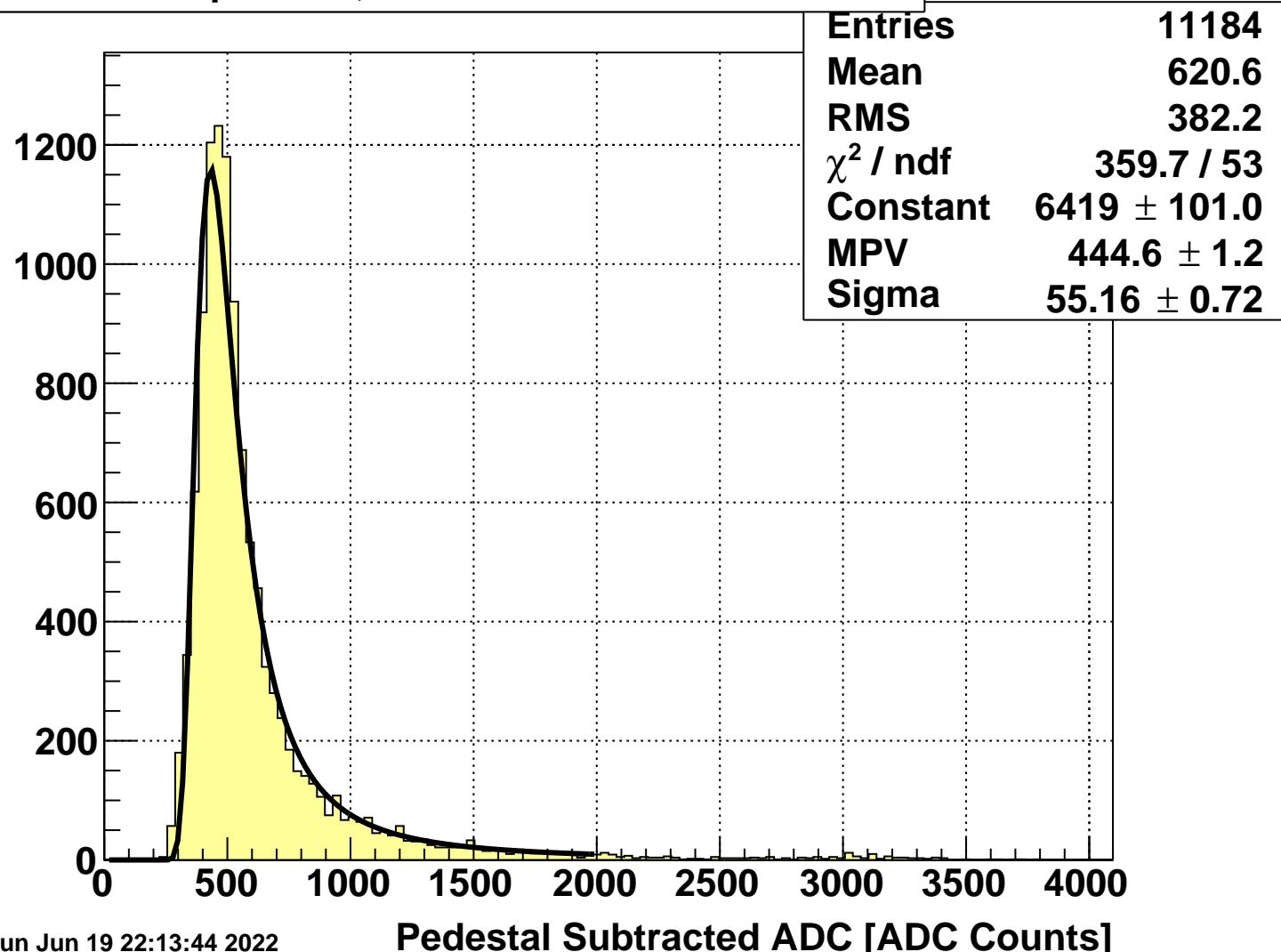
ZS_Section_20

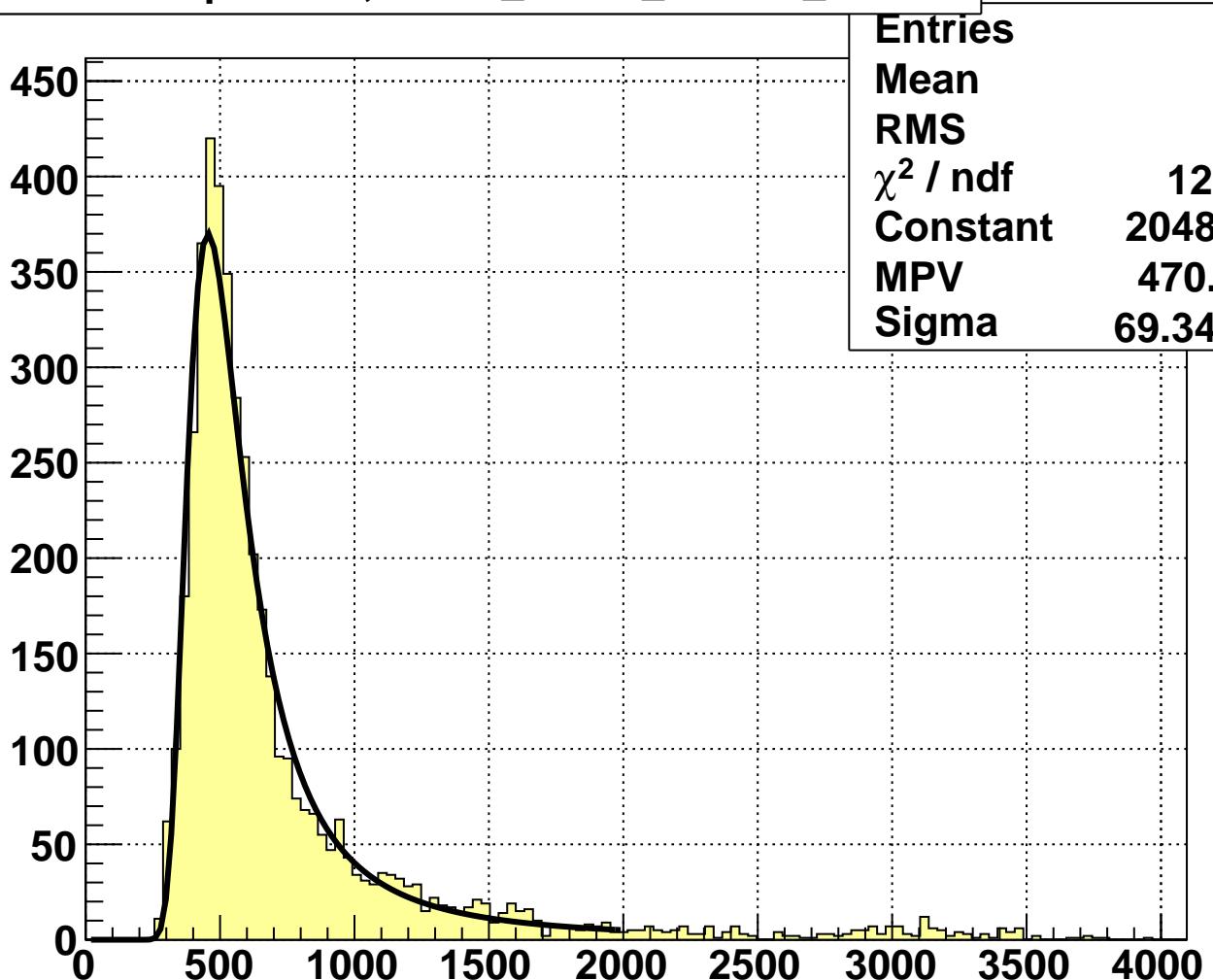




FST - MIP peak ZS, RDO2_ARM2_PORT1_SEC0

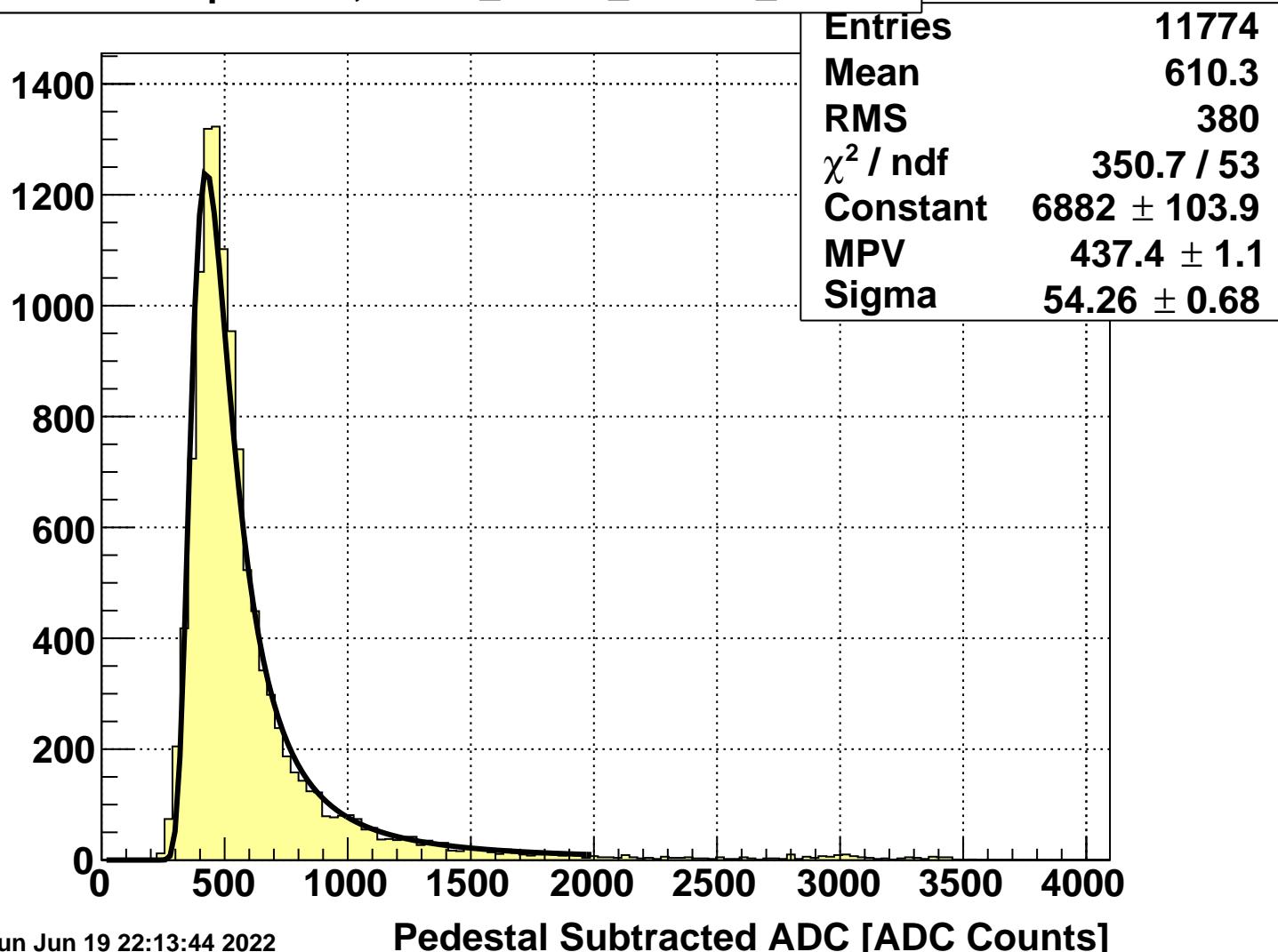
ZS_Section_22

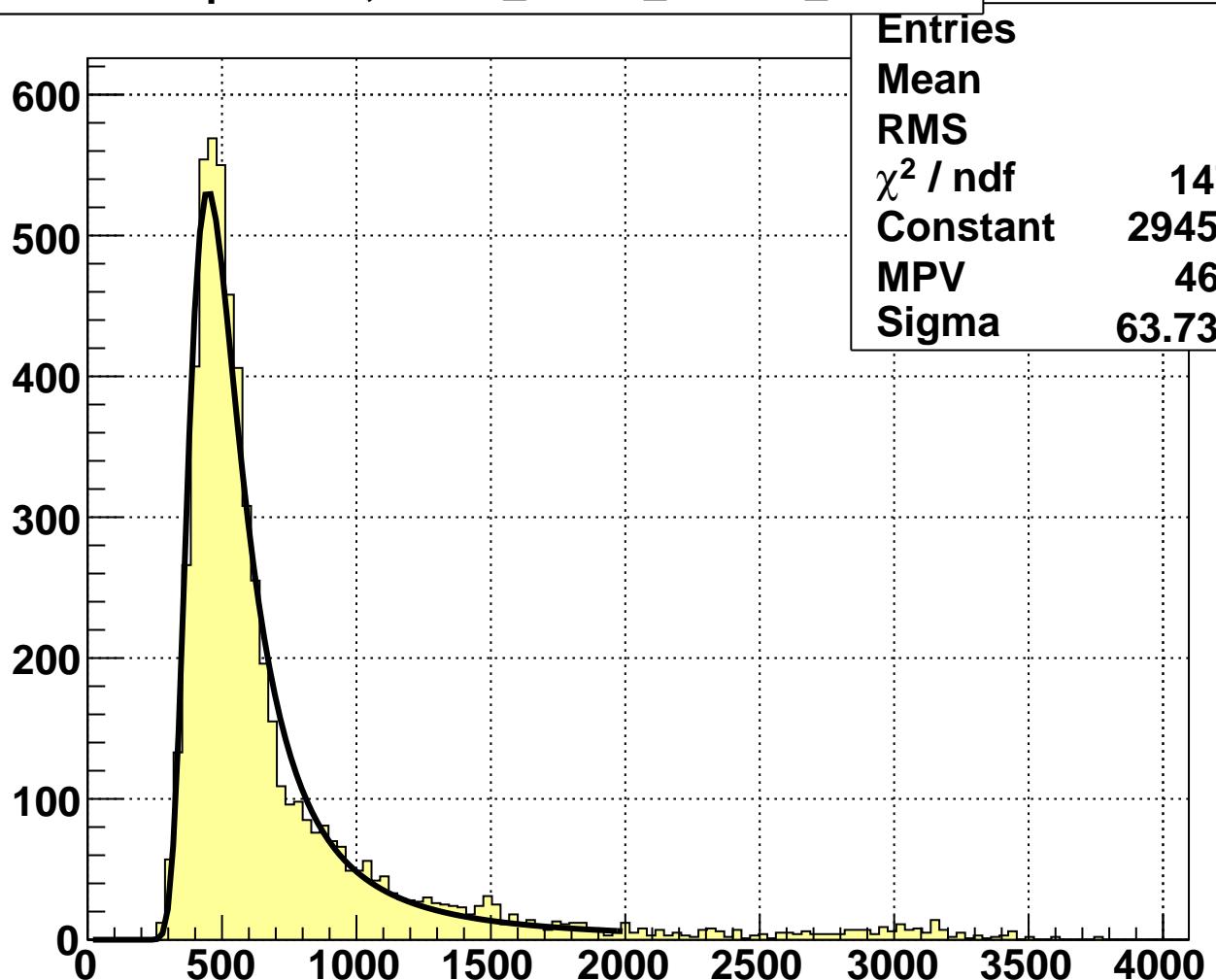




FST - MIP peak ZS, RDO3_ARM0_PORT0_SEC0

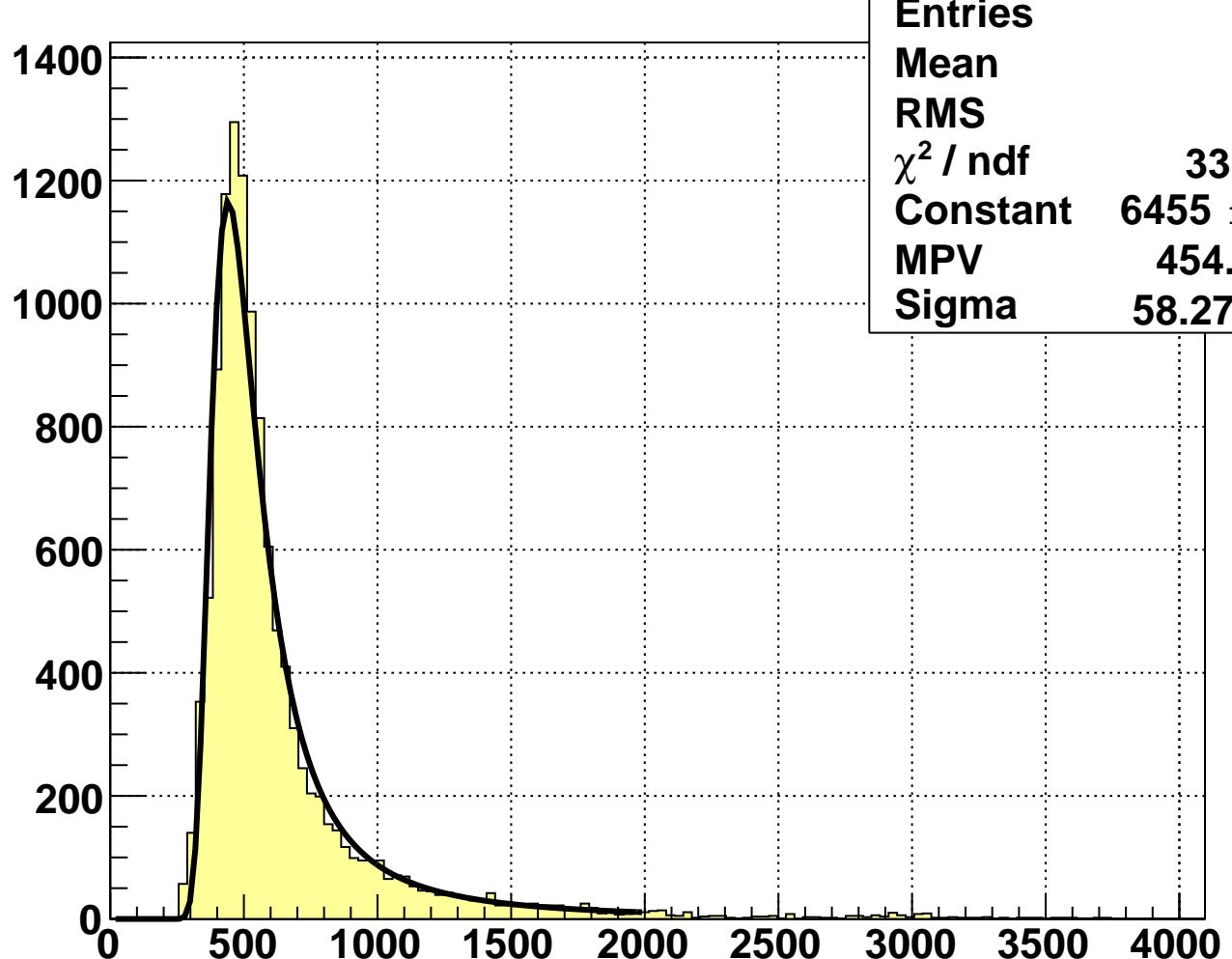
ZS_Section_24

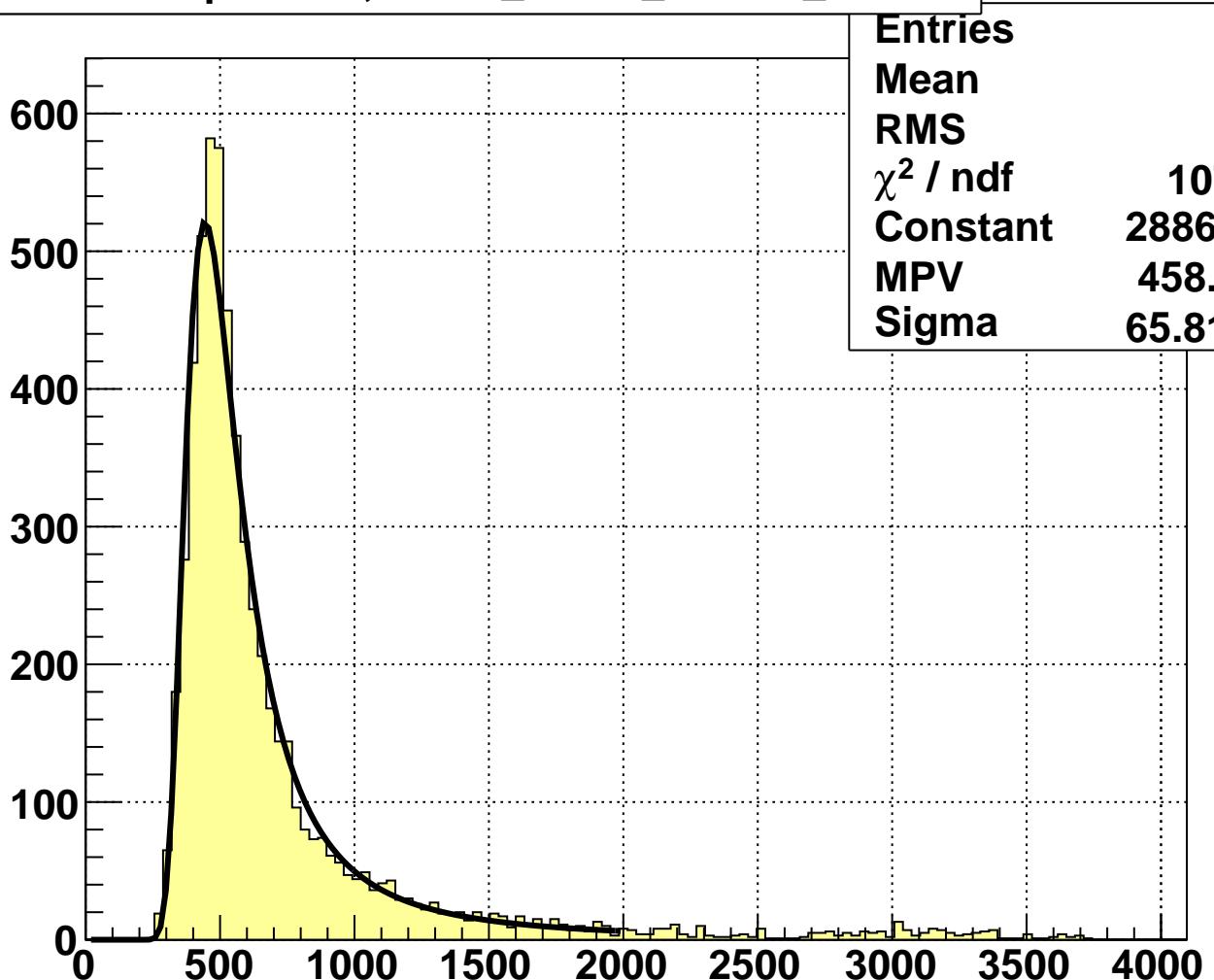




FST - MIP peak ZS, RDO3_ARM0_PORT1_SEC0

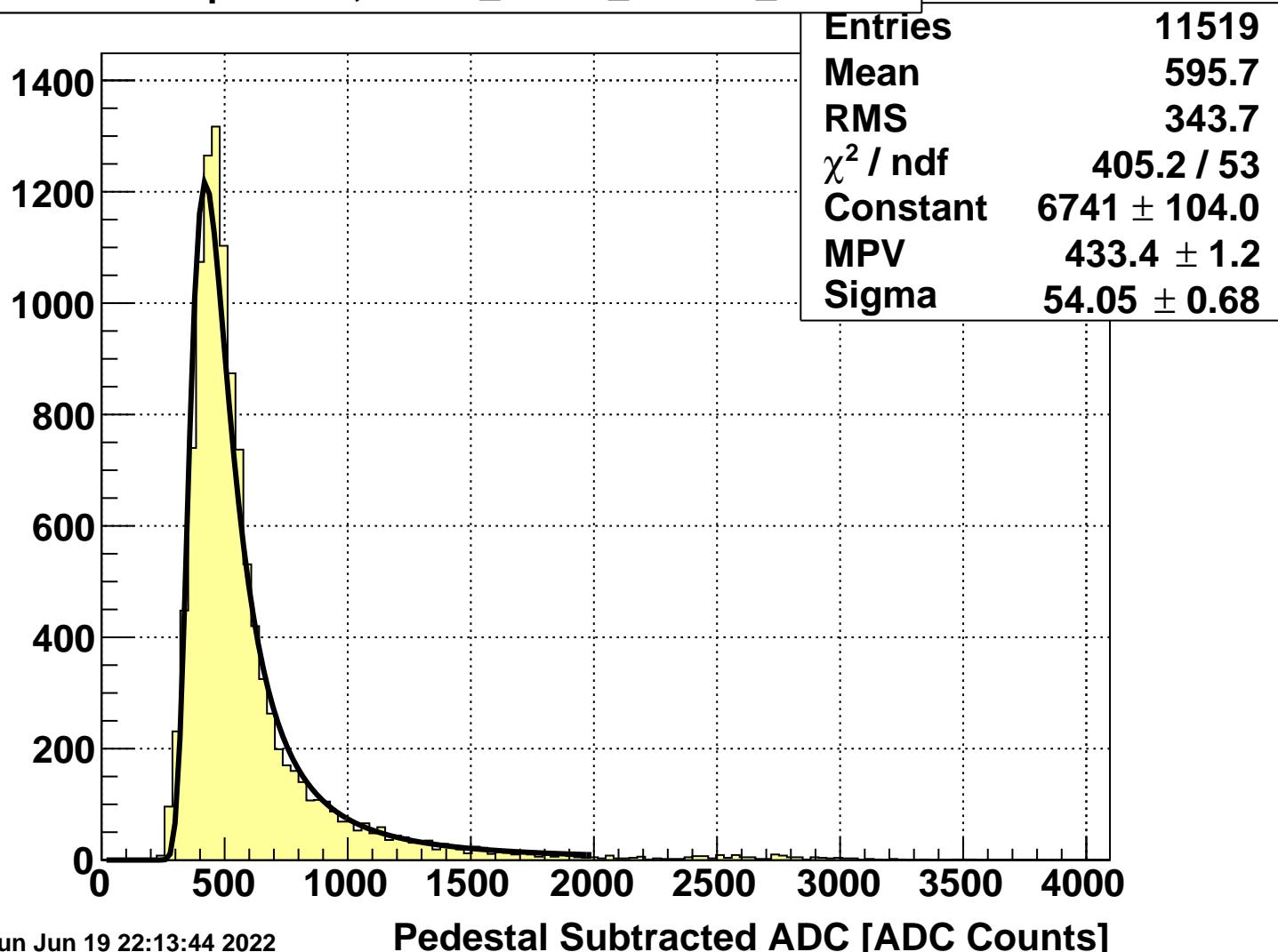
ZS_Section_26





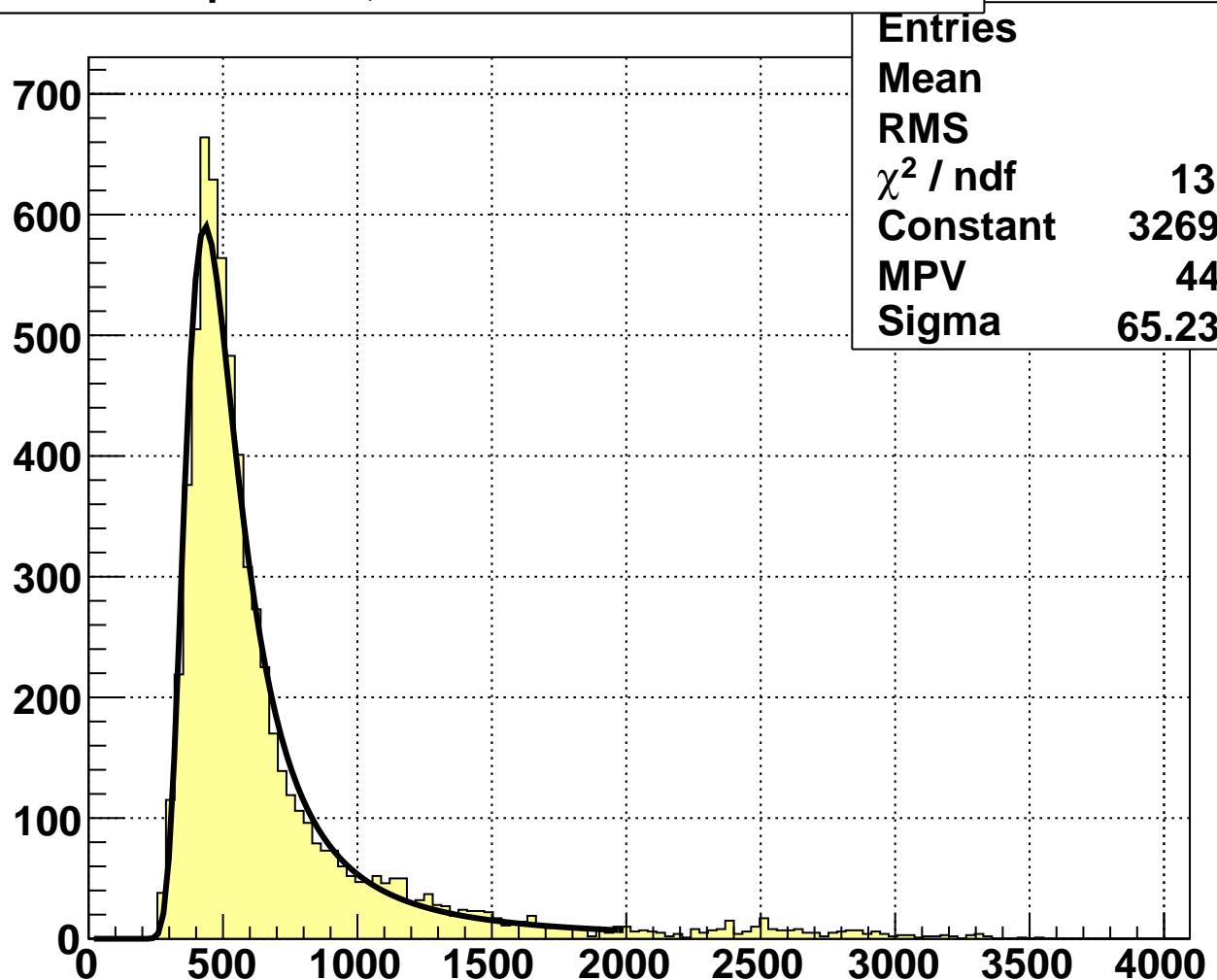
FST - MIP peak ZS, RDO3_ARM1_PORT0_SEC0

ZS_Section_28



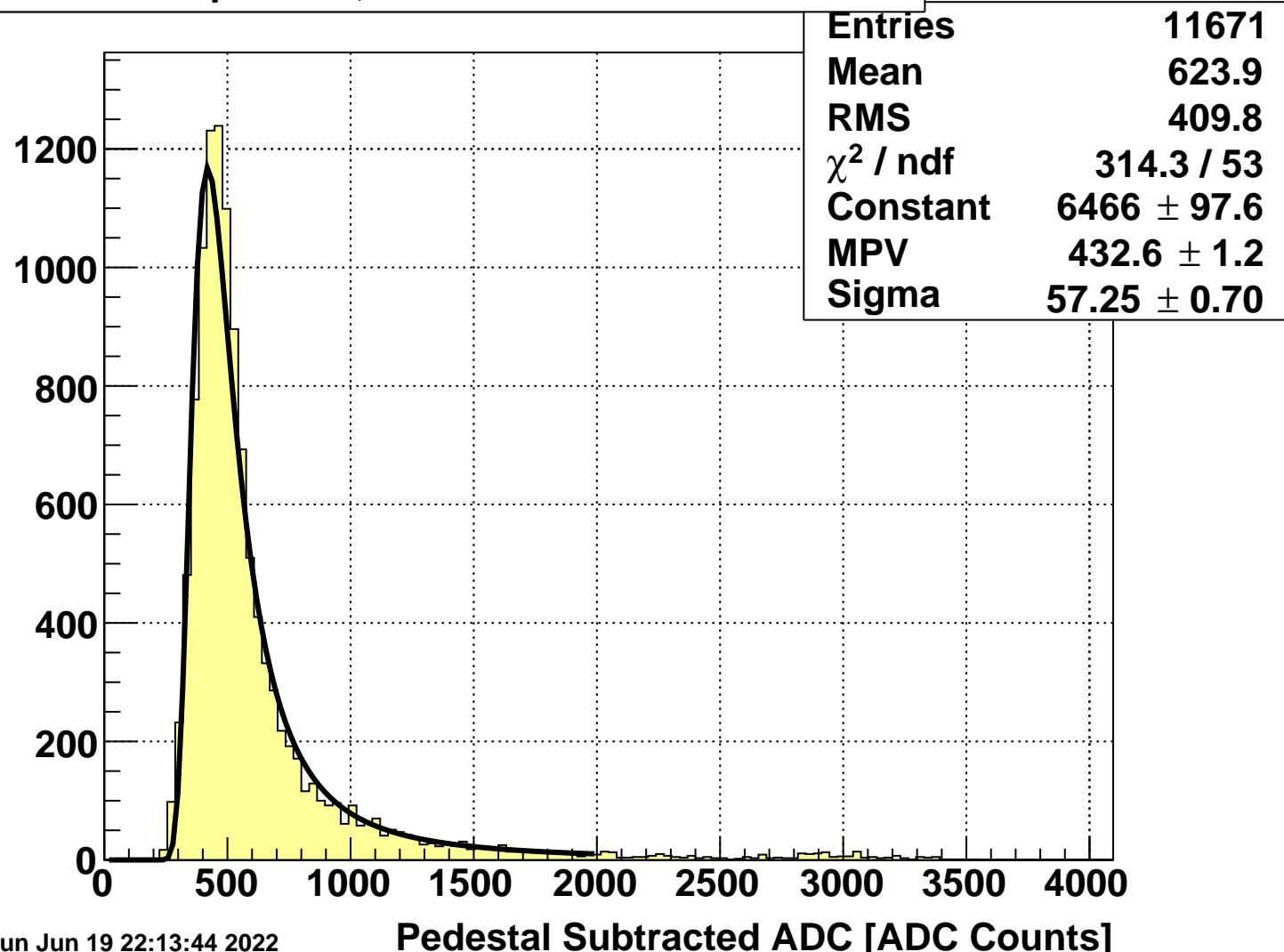
FST - MIP peak ZS, RDO3_ARM1_PORT0_SEC1

ZS_Section_29



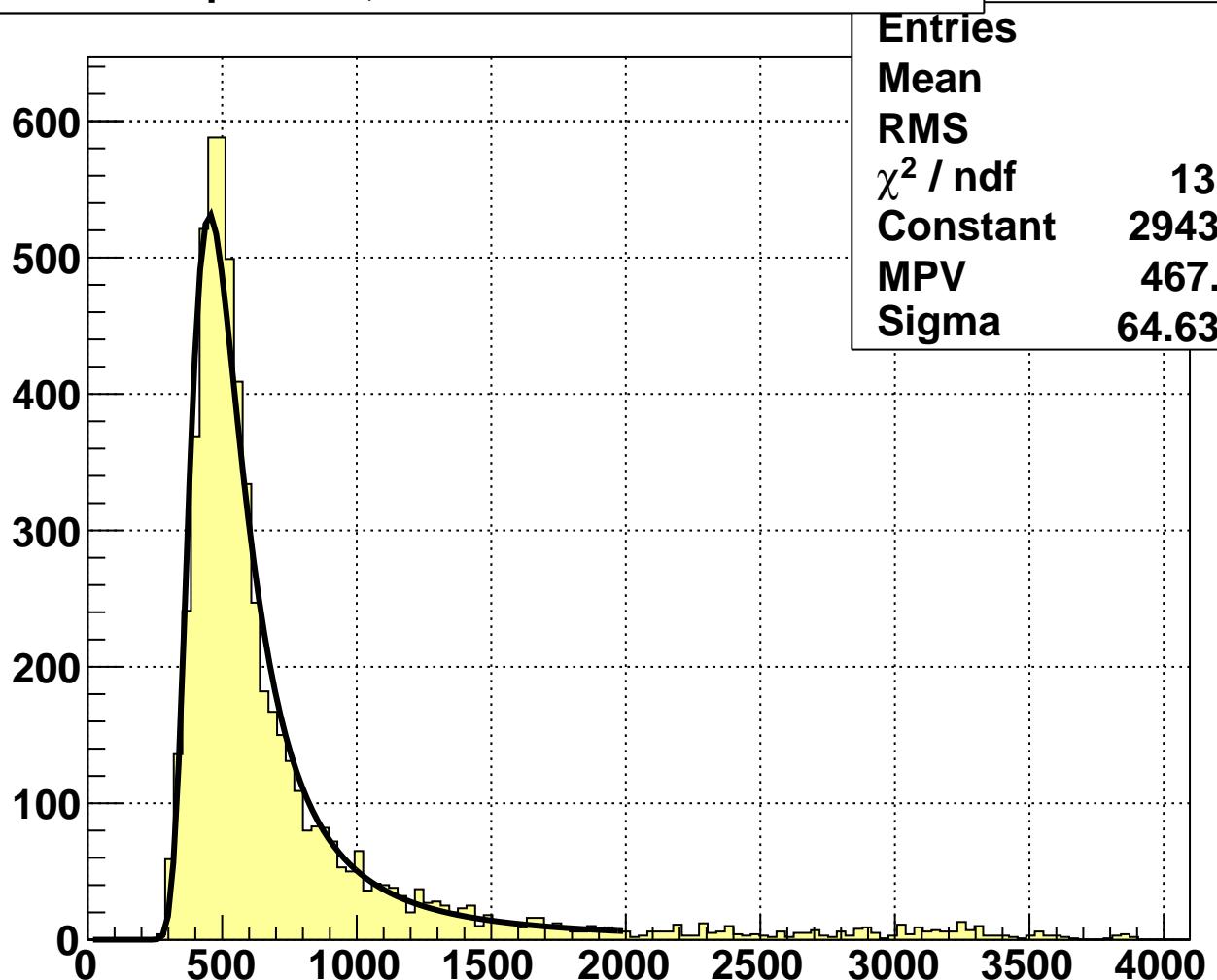
FST - MIP peak ZS, RDO3_ARM1_PORT1_SEC0

ZS_Section_30



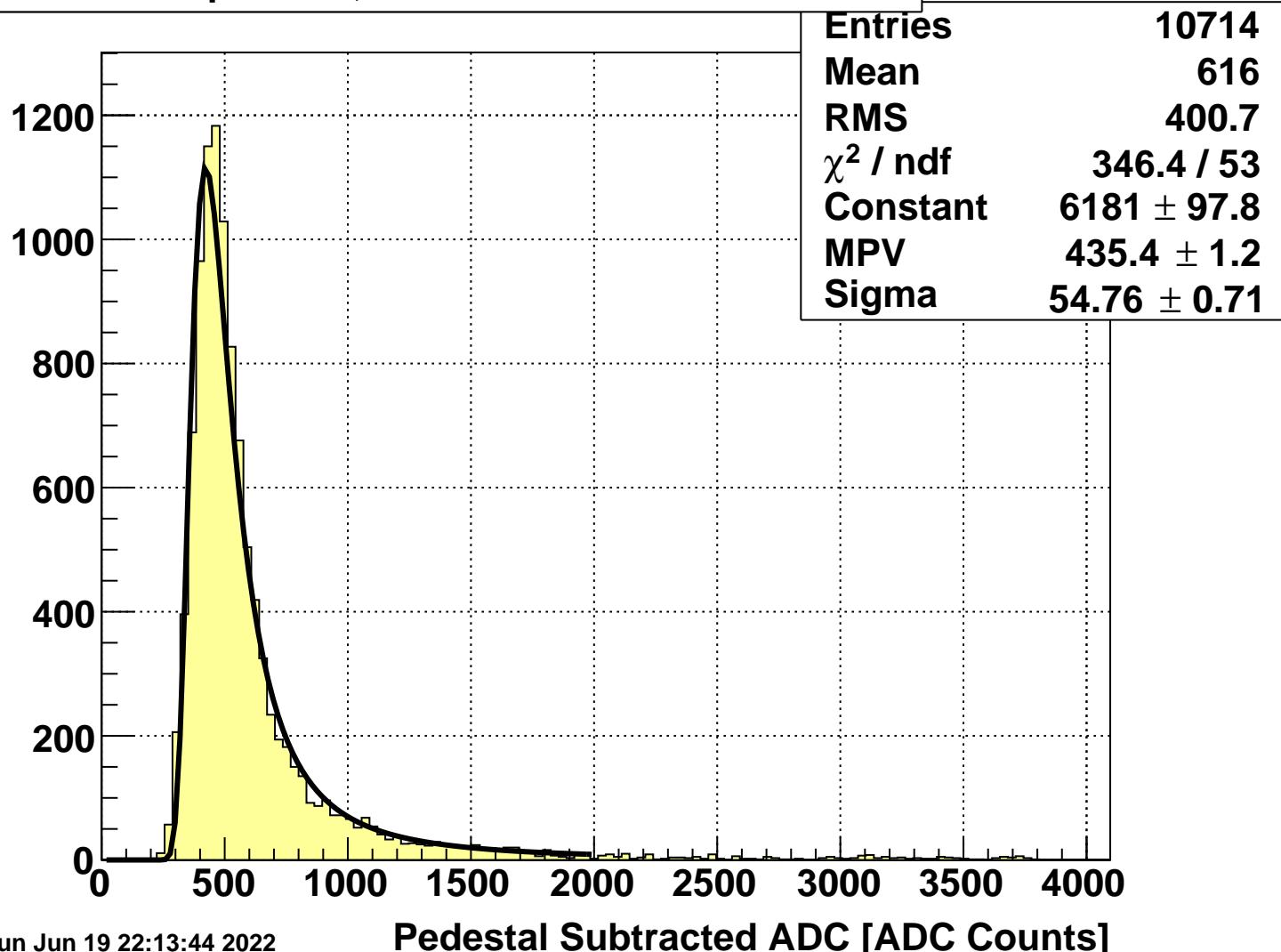
FST - MIP peak ZS, RDO3_ARM1_PORT1_SEC1

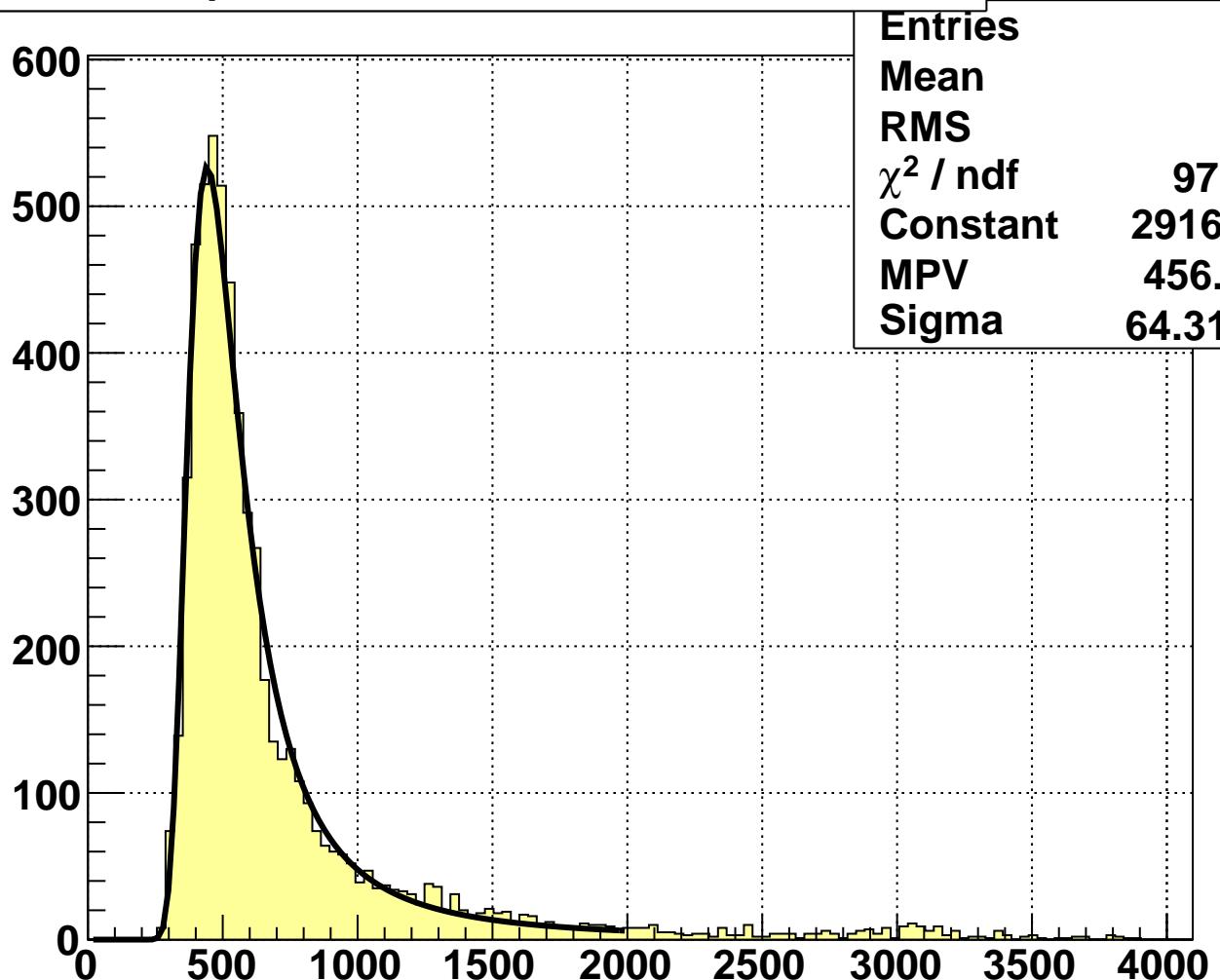
ZS_Section_31



FST - MIP peak ZS, RDO3_ARM2_PORT0_SEC0

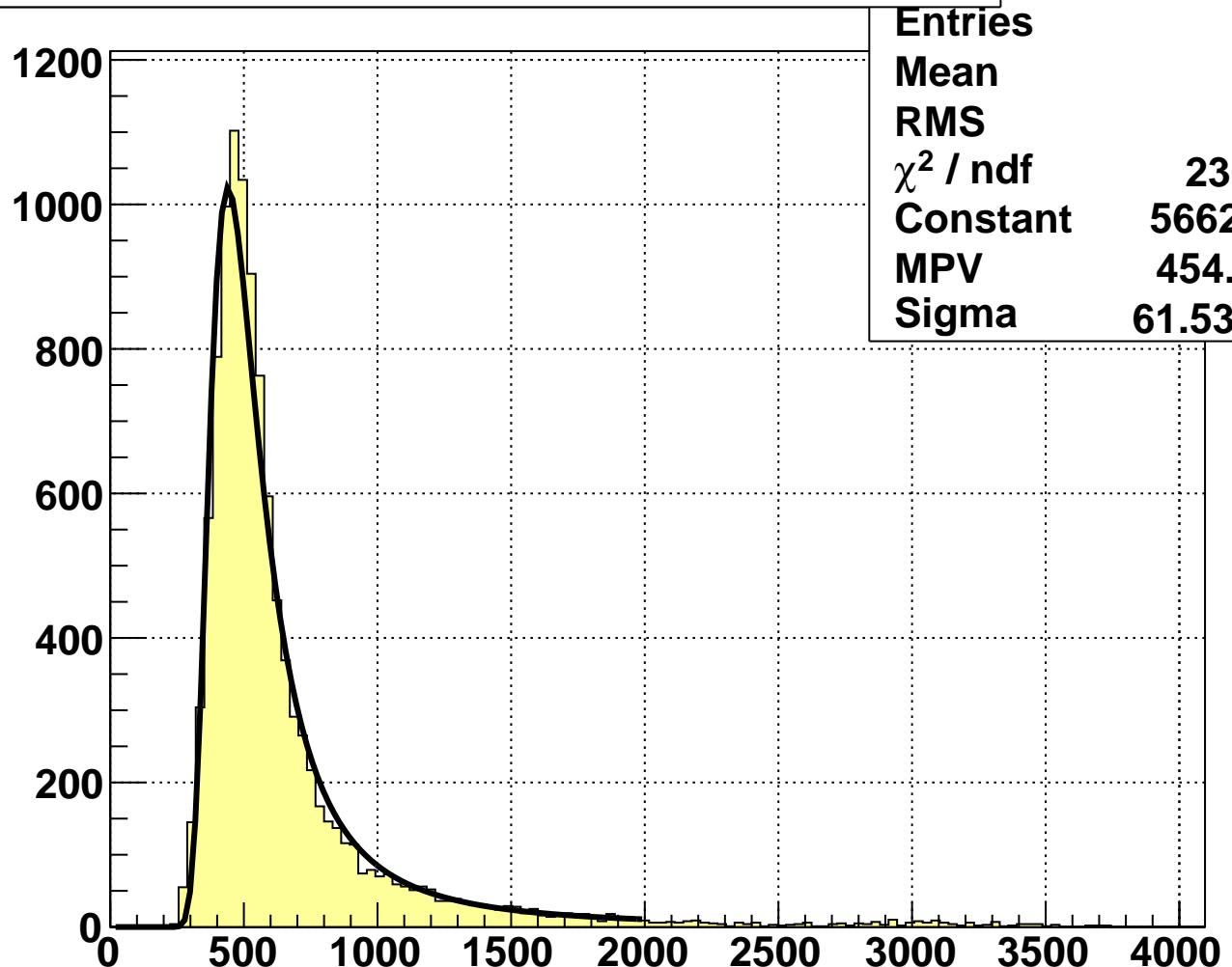
ZS_Section_32

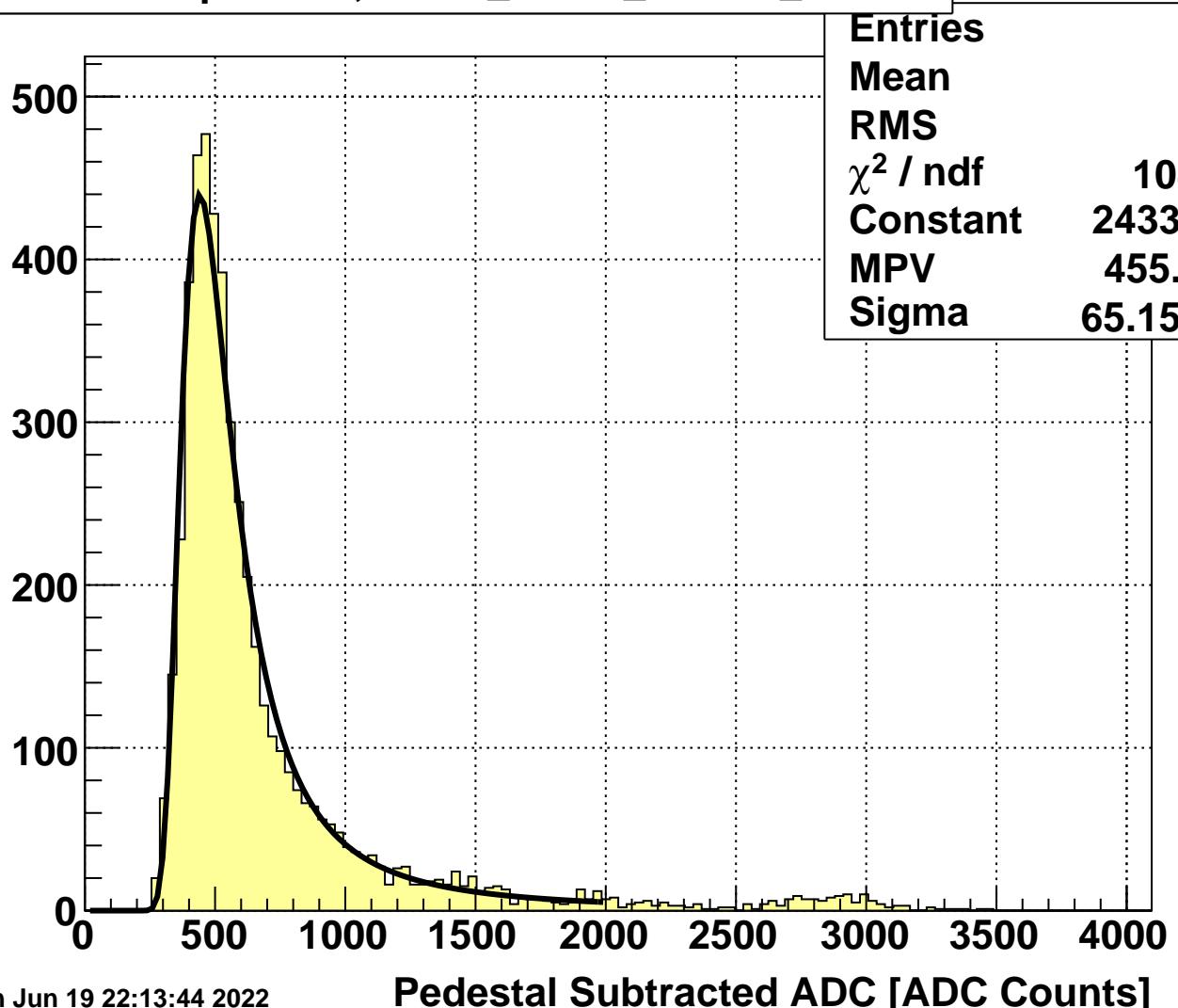




FST - MIP peak ZS, RDO3_ARM2_PORT1_SEC0

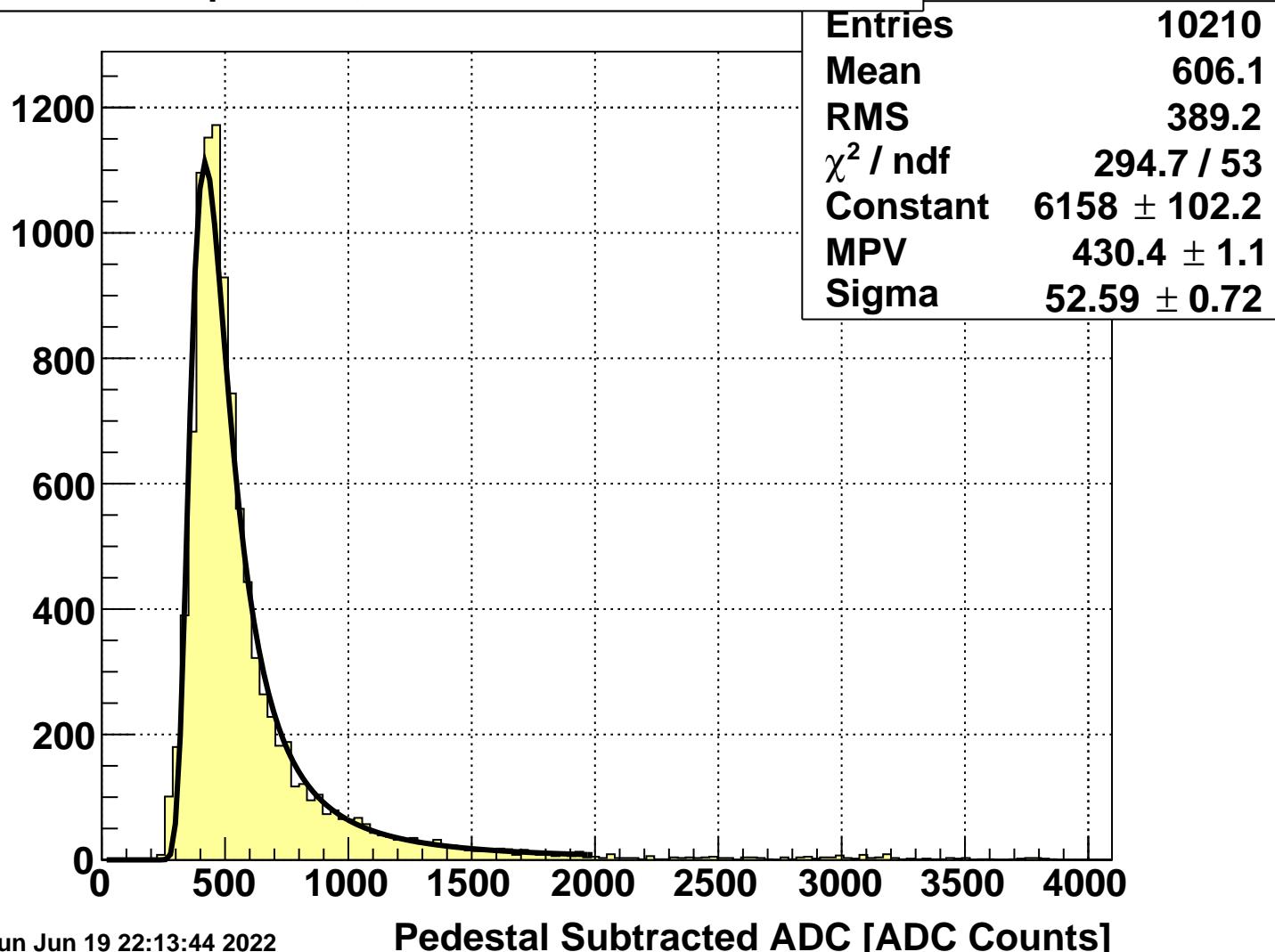
ZS_Section_34

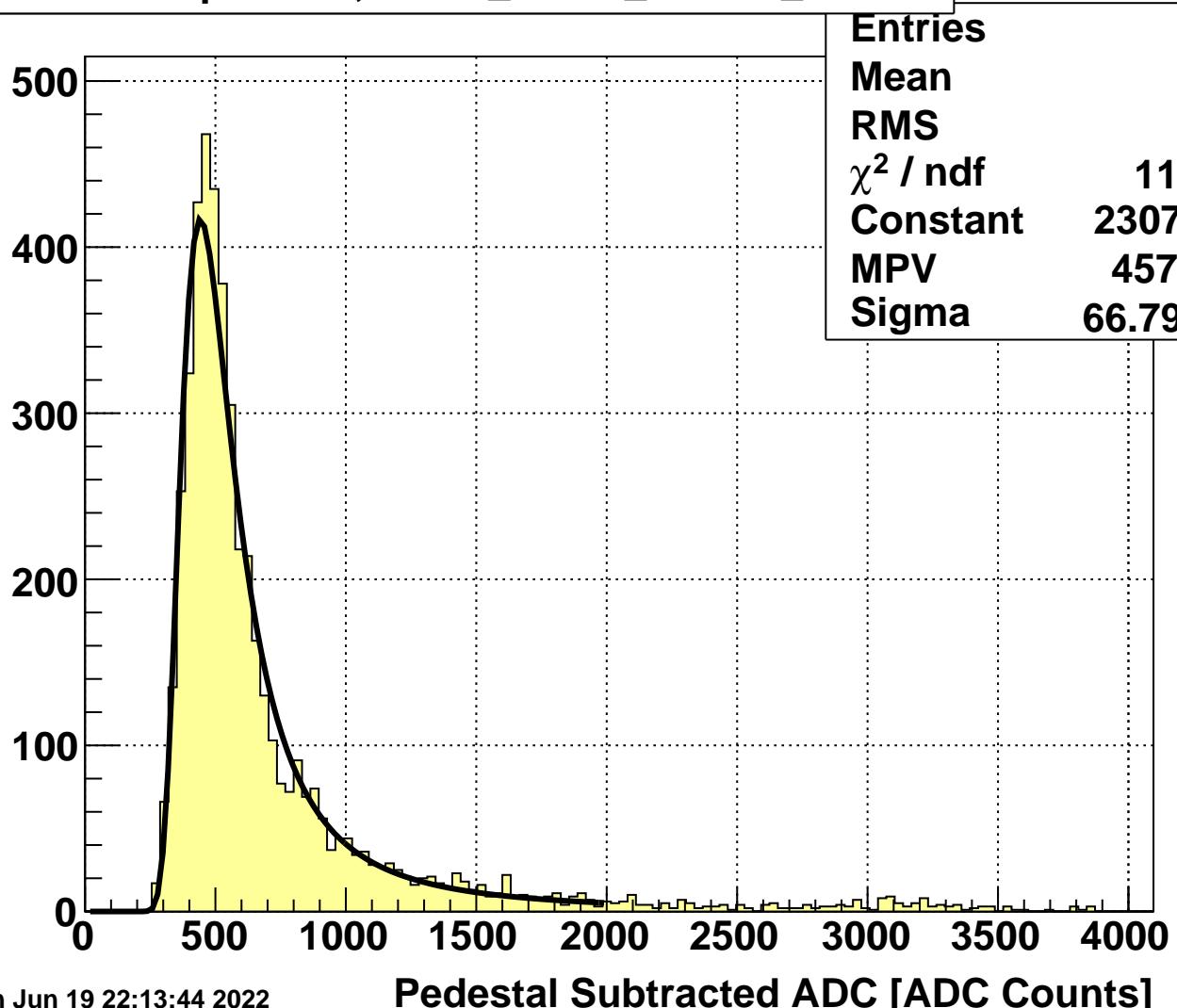




FST - MIP peak ZS, RDO4_ARM0_PORT0_SEC0

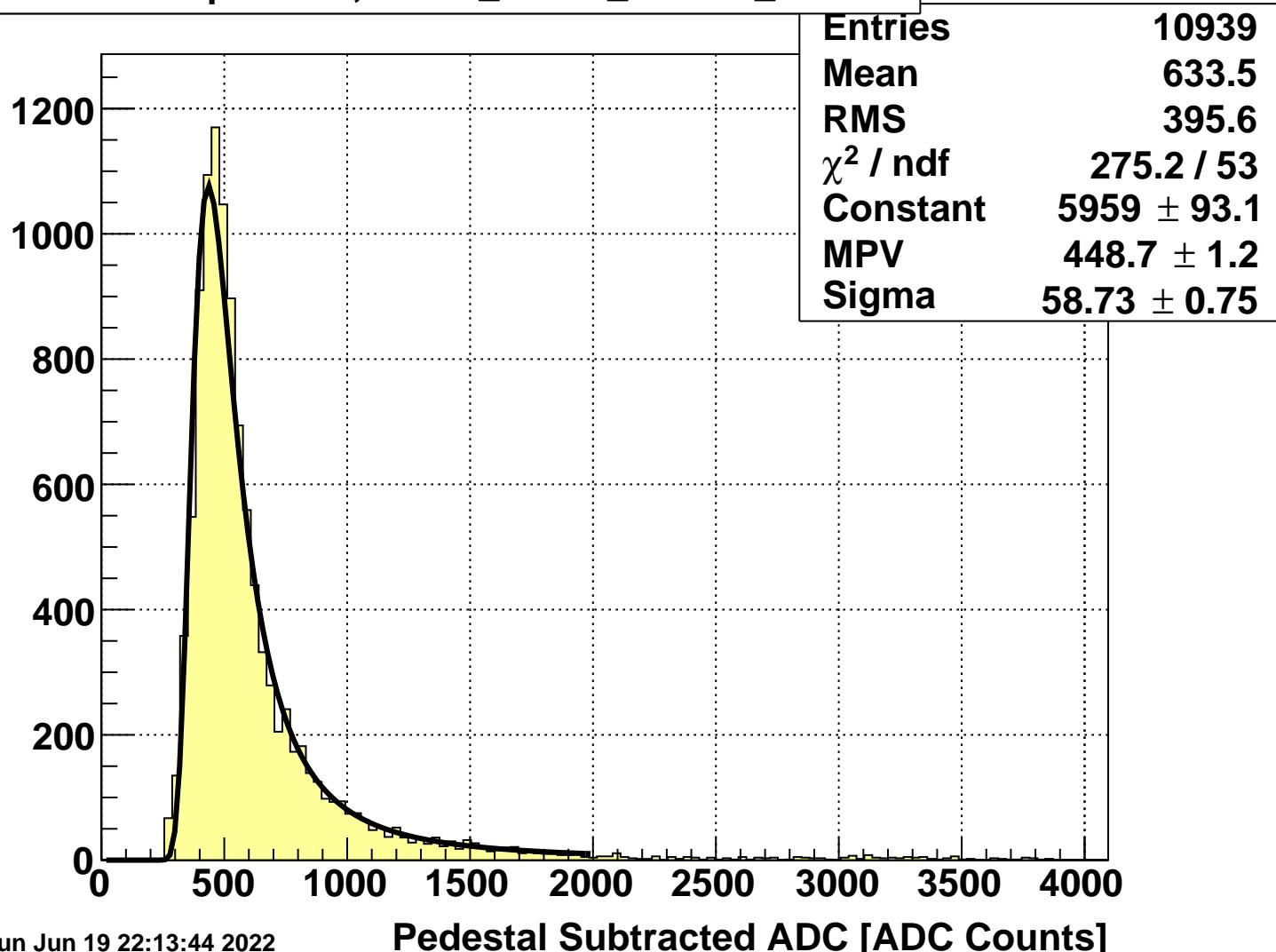
ZS_Section_36

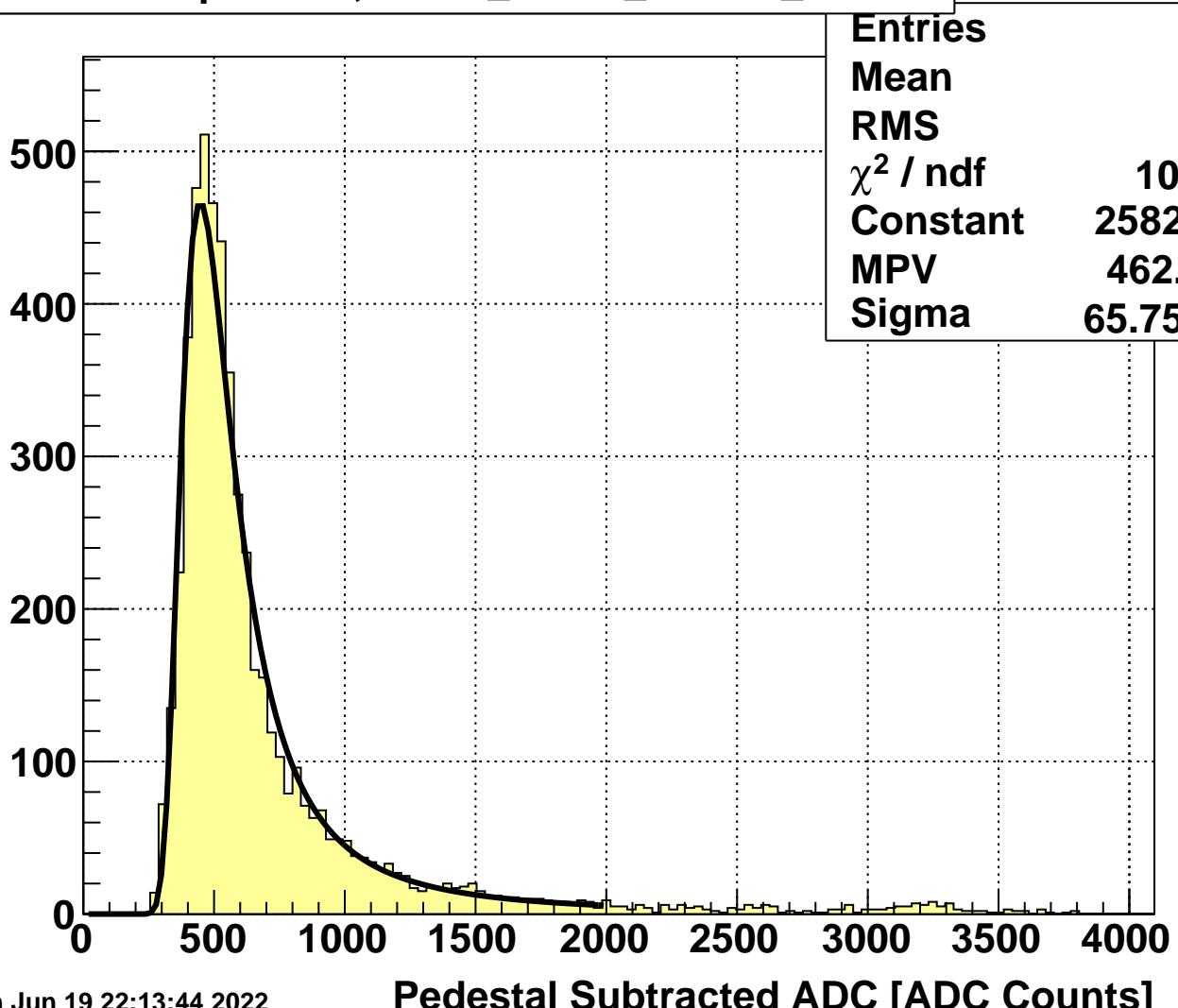




FST - MIP peak ZS, RDO4_ARM0_PORT1_SEC0

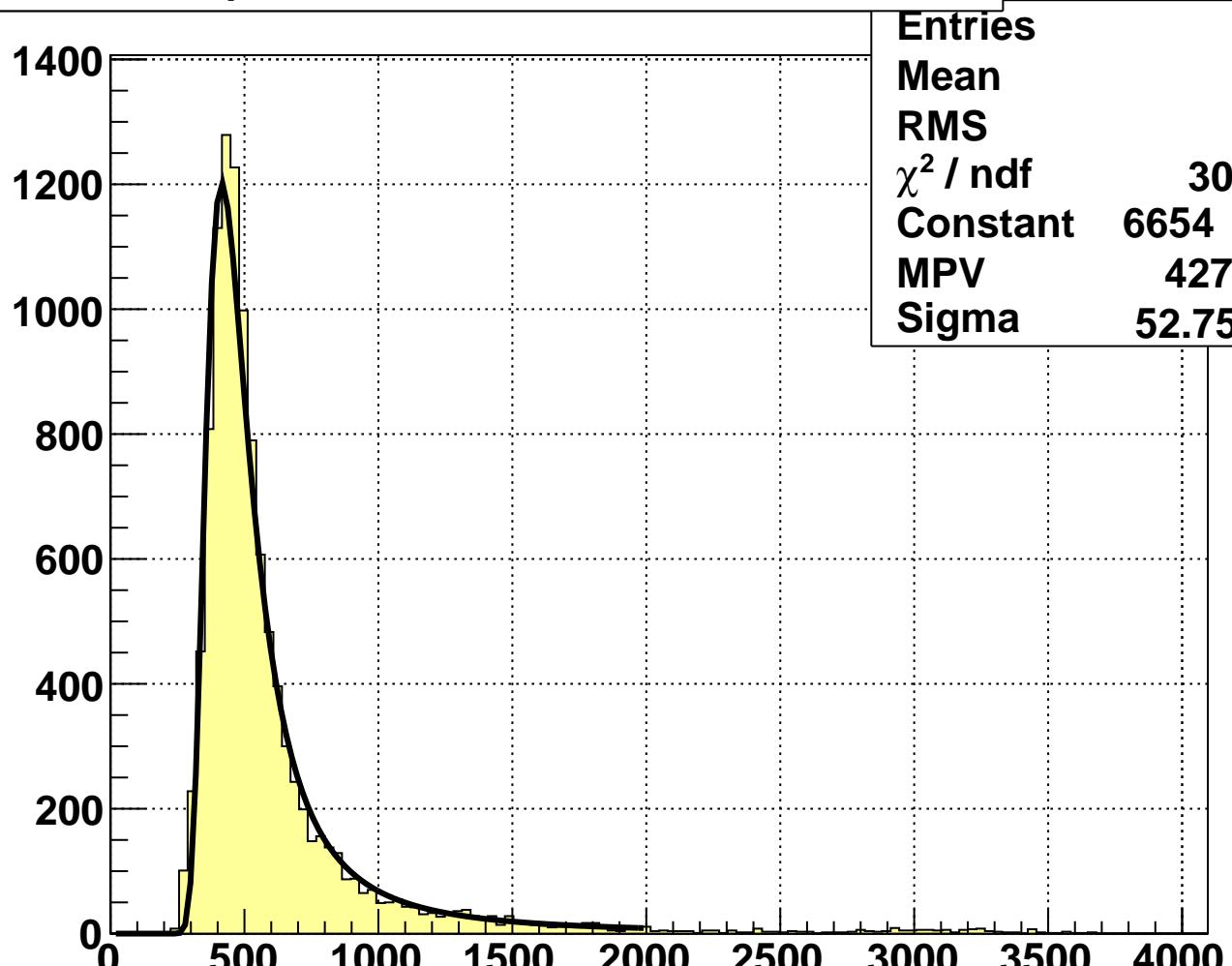
ZS_Section_38





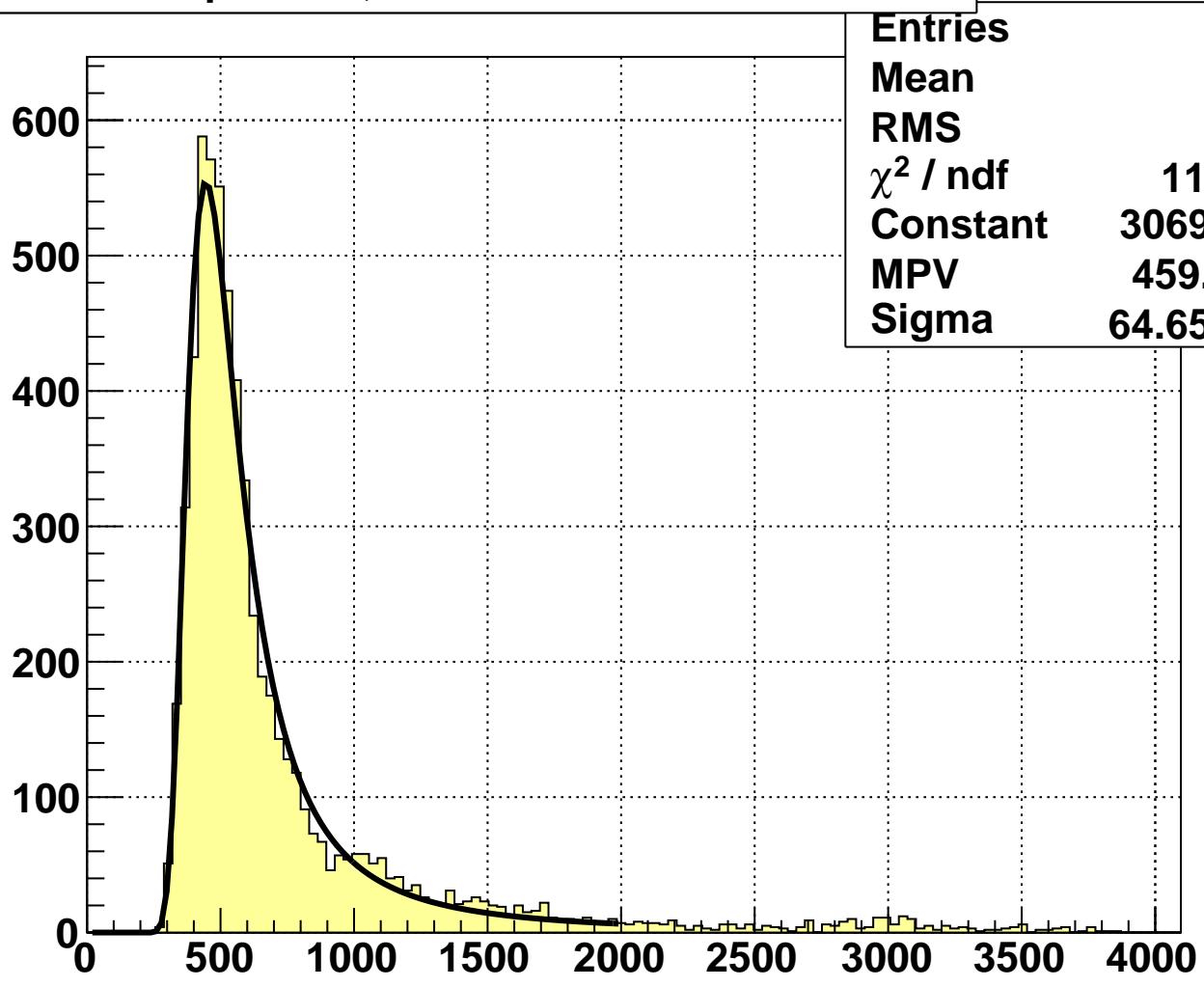
FST - MIP peak ZS, RDO4_ARM1_PORT0_SEC0

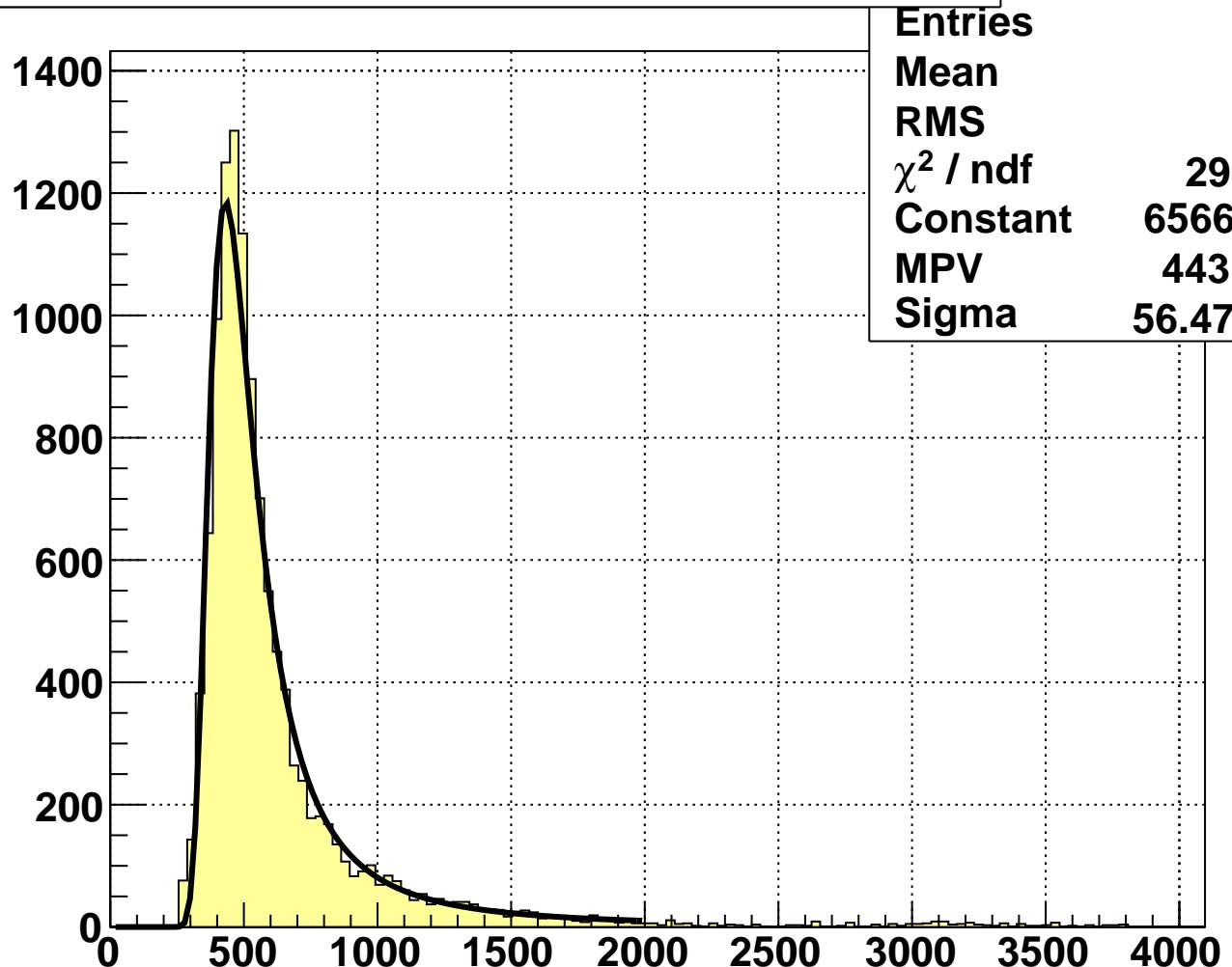
_ZS_Section_40

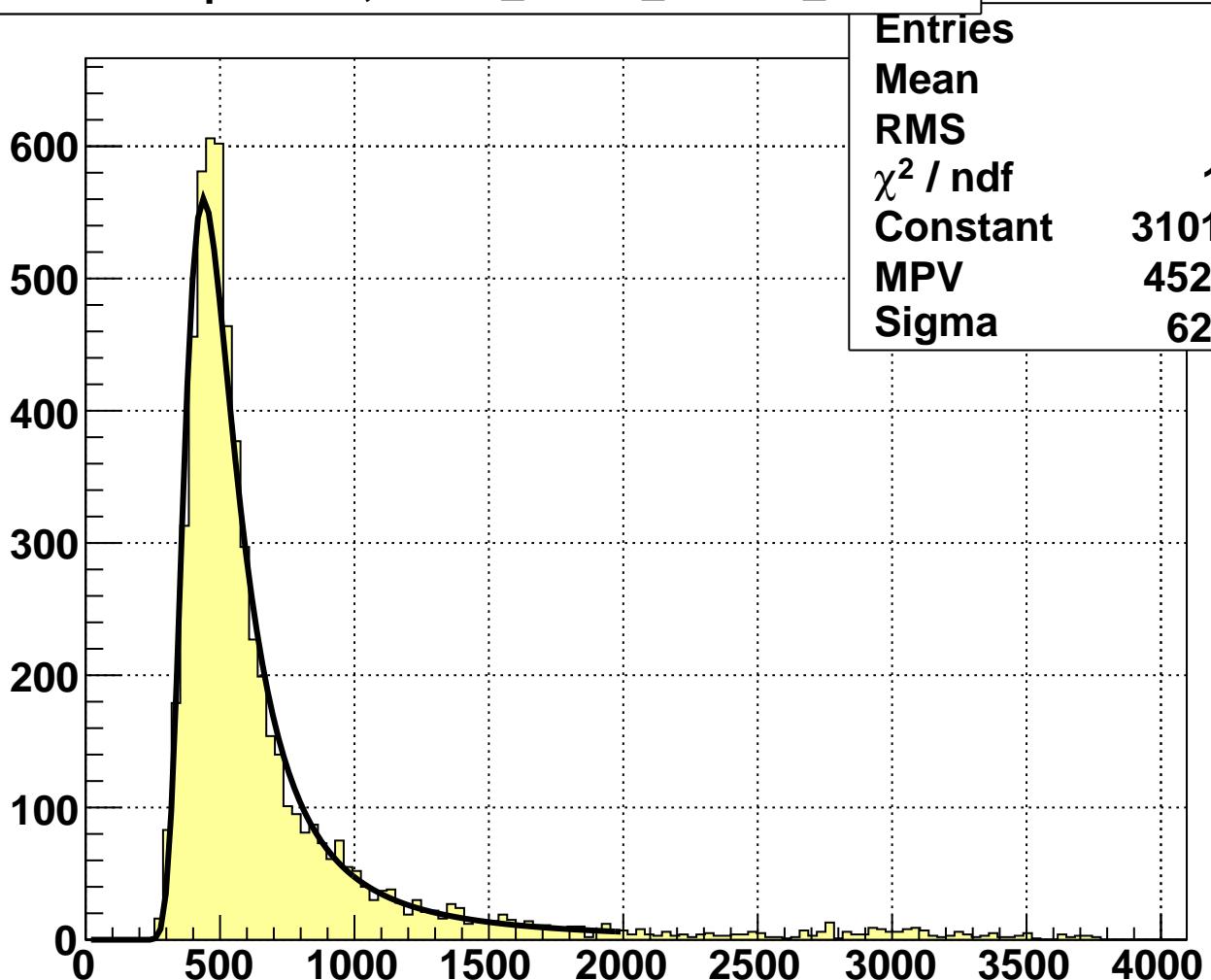


FST - MIP peak ZS, RDO4_ARM1_PORT0_SEC1

ZS_Section_41

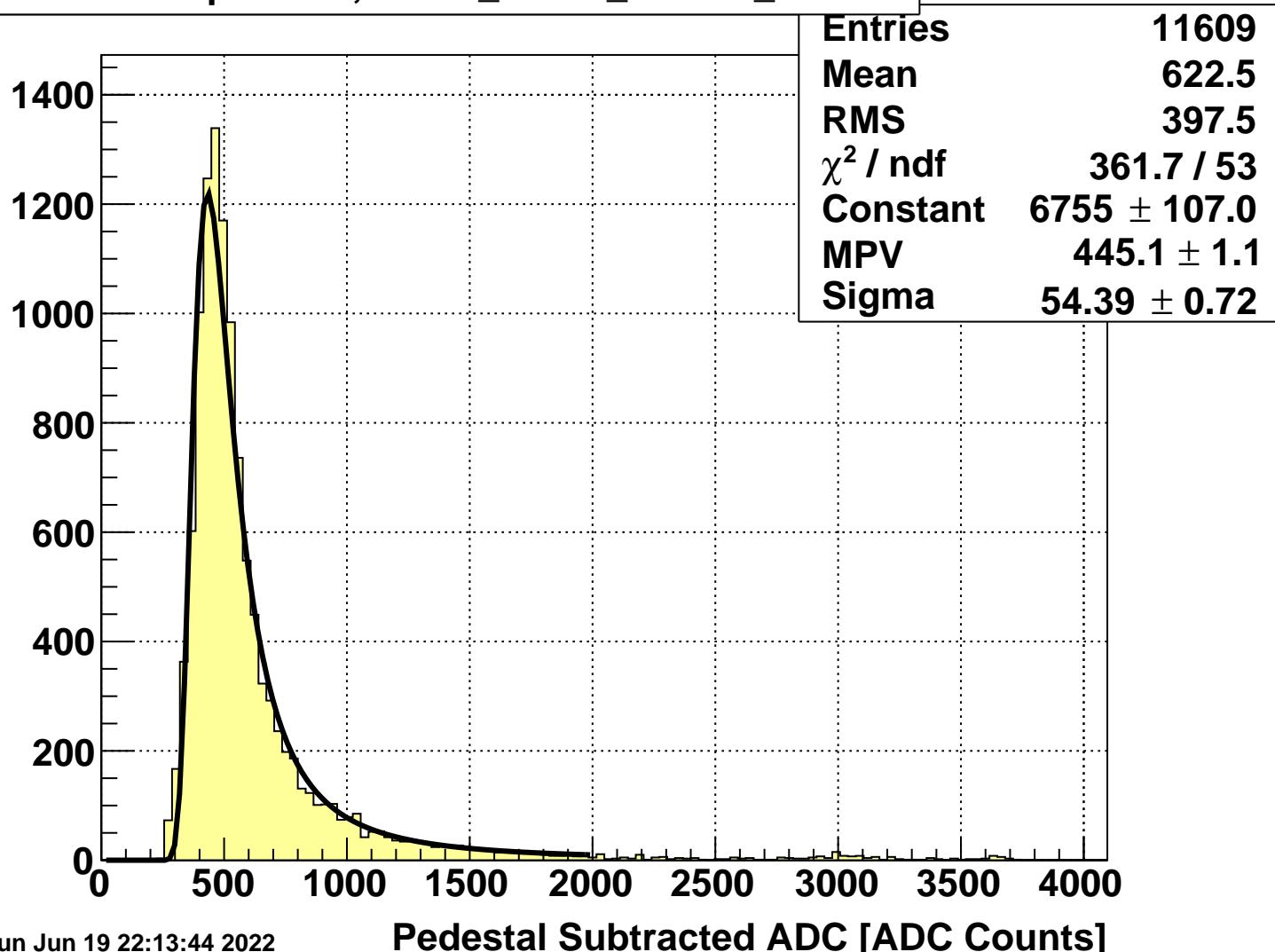


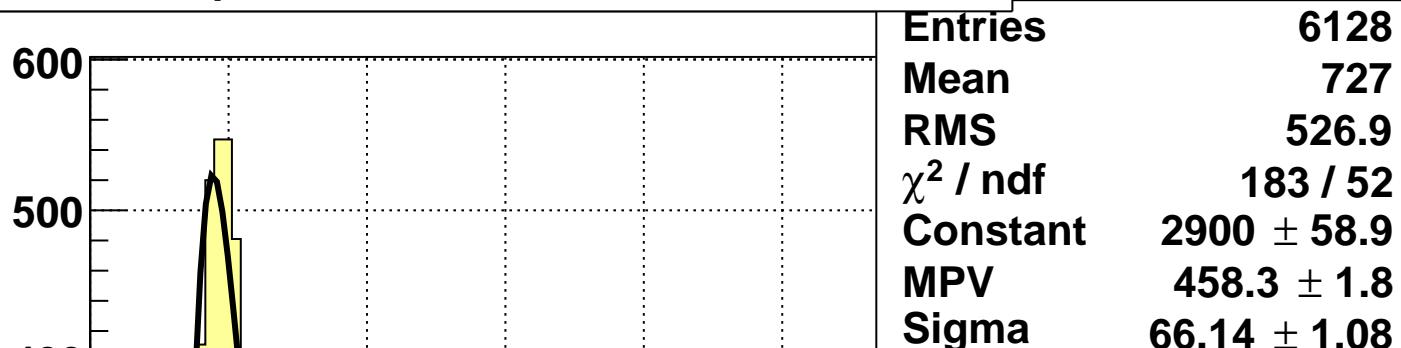




FST - MIP peak ZS, RDO4_ARM2_PORT0_SEC0

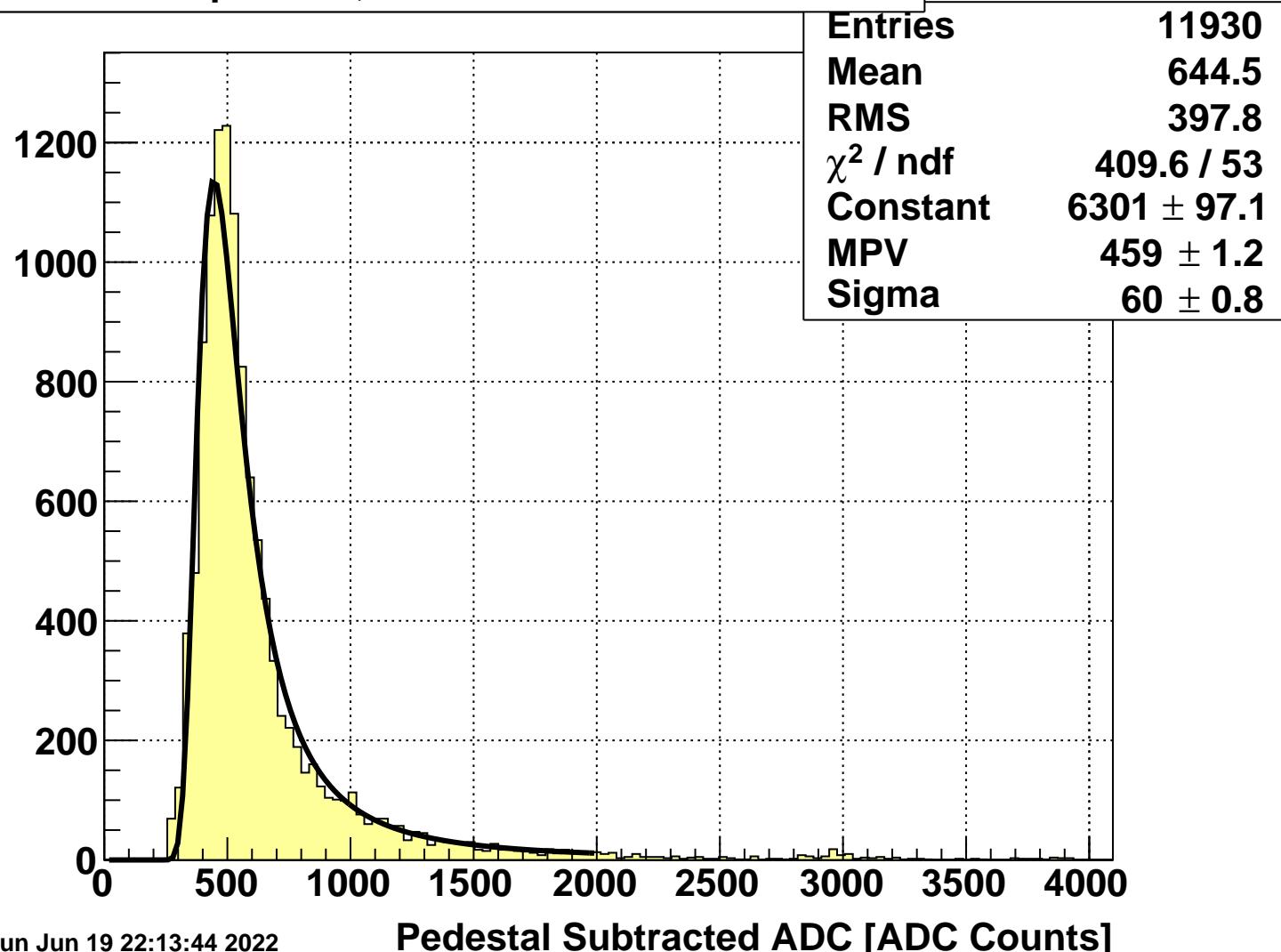
ZS_Section_44

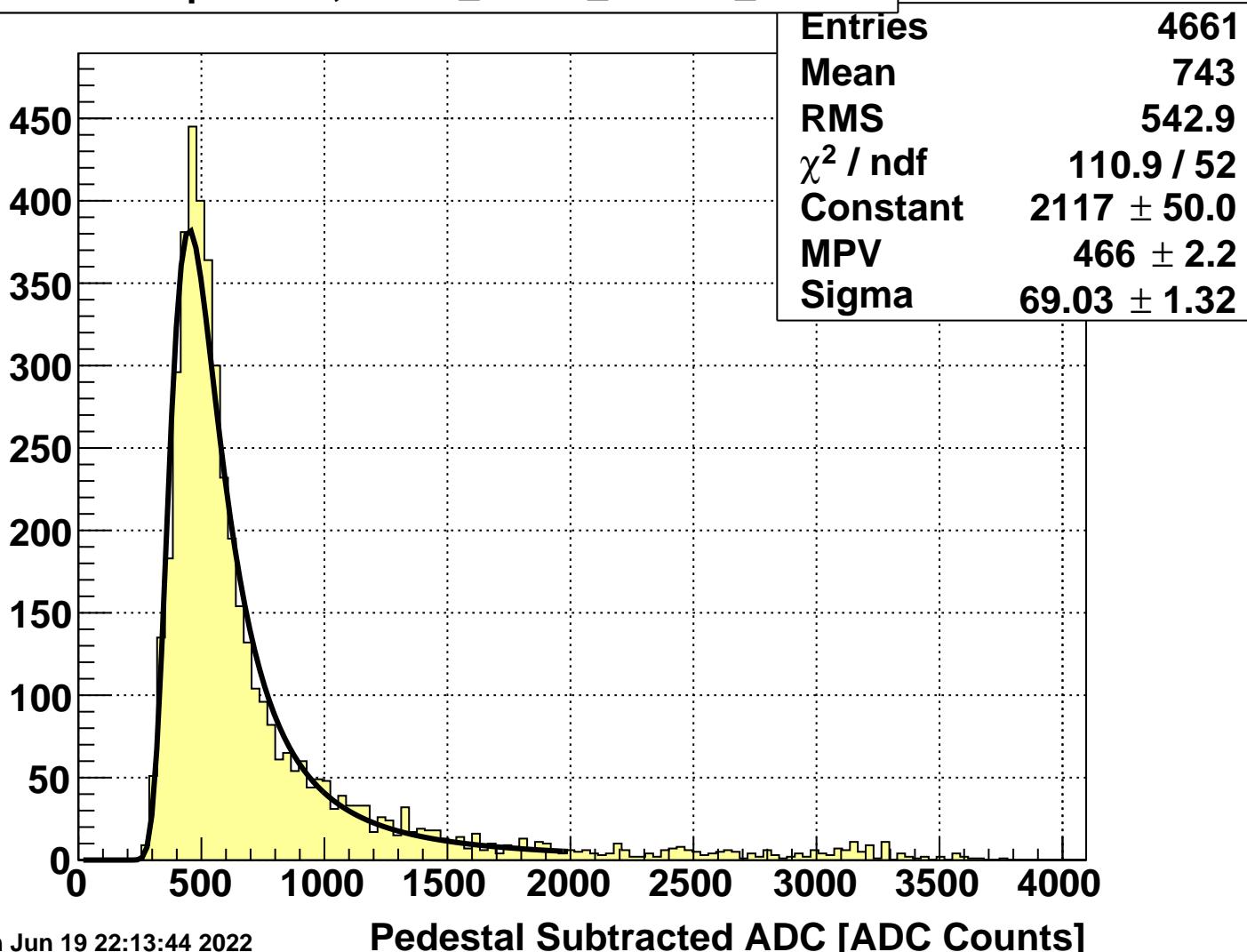




FST - MIP peak ZS, RDO4_ARM2_PORT1_SEC0

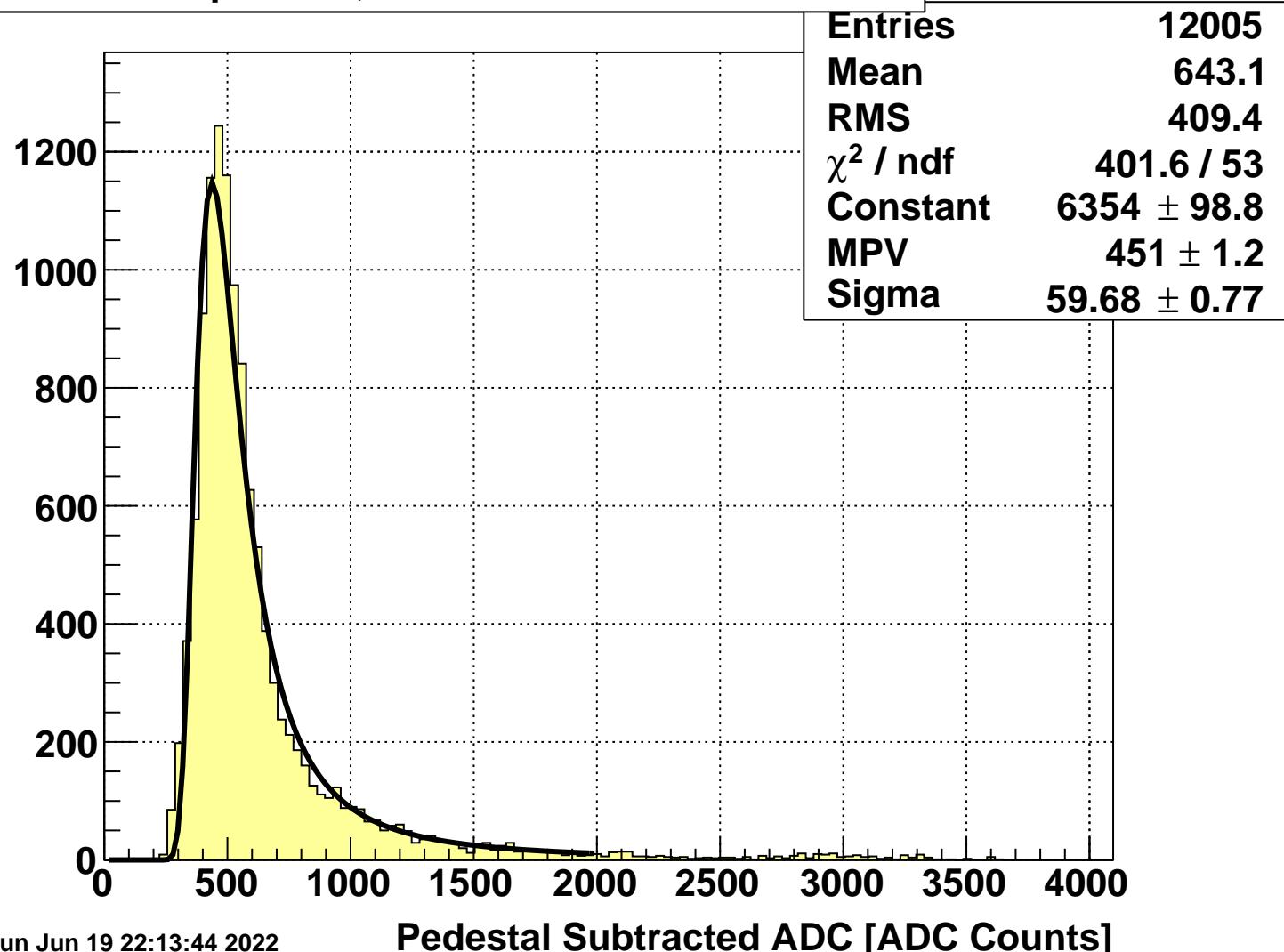
ZS_Section_46

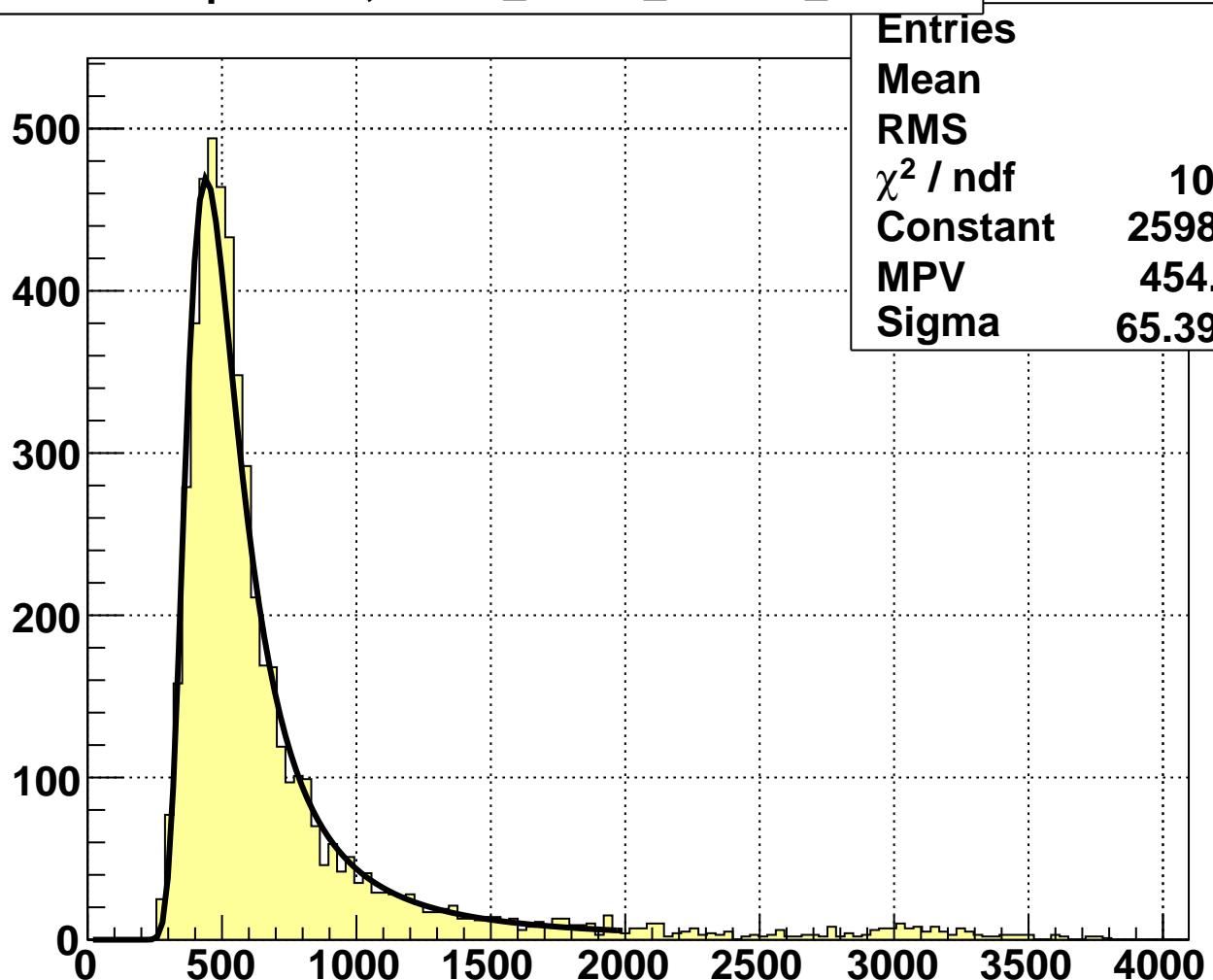




FST - MIP peak ZS, RDO5_ARM0_PORT0_SEC0

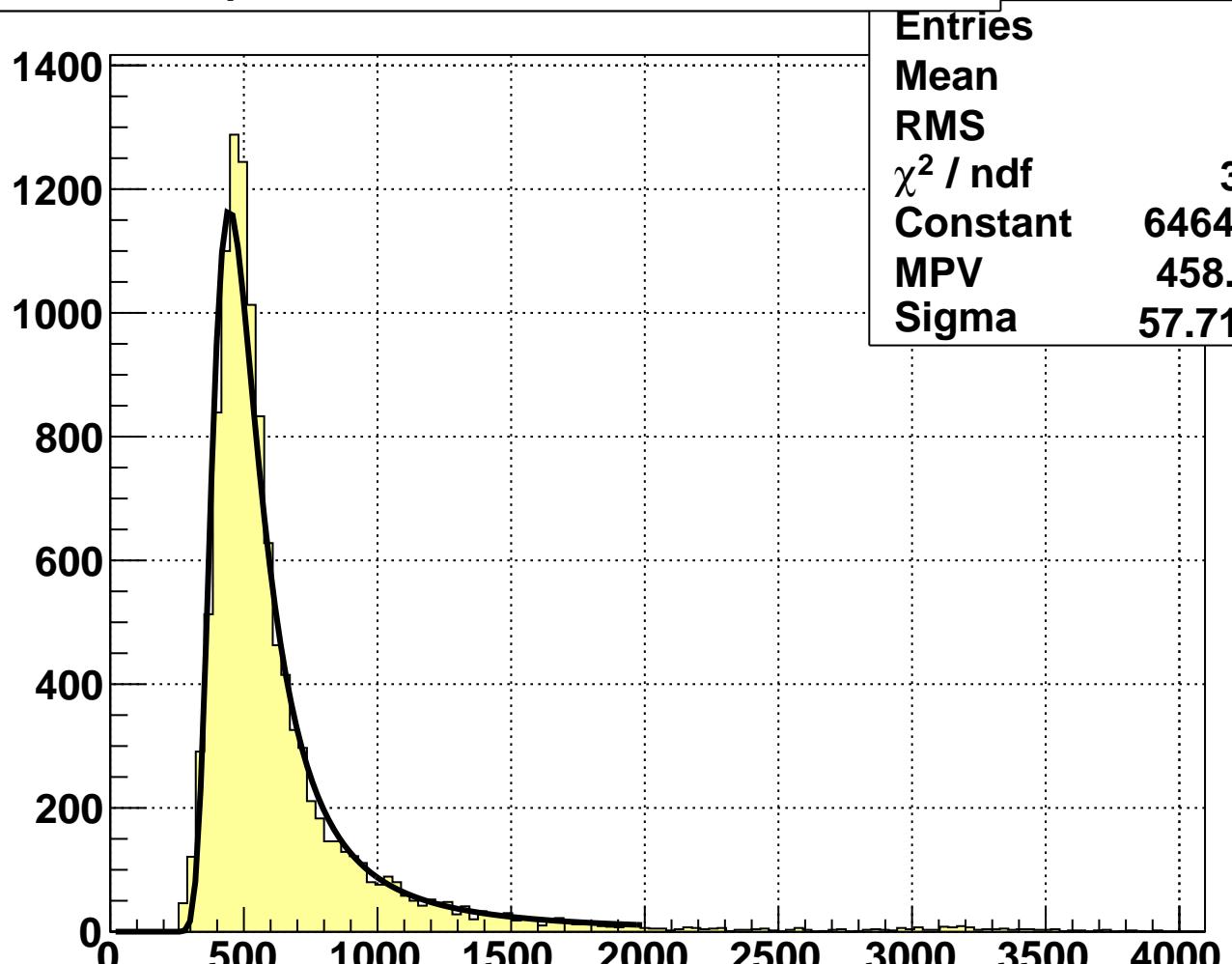
ZS_Section_48





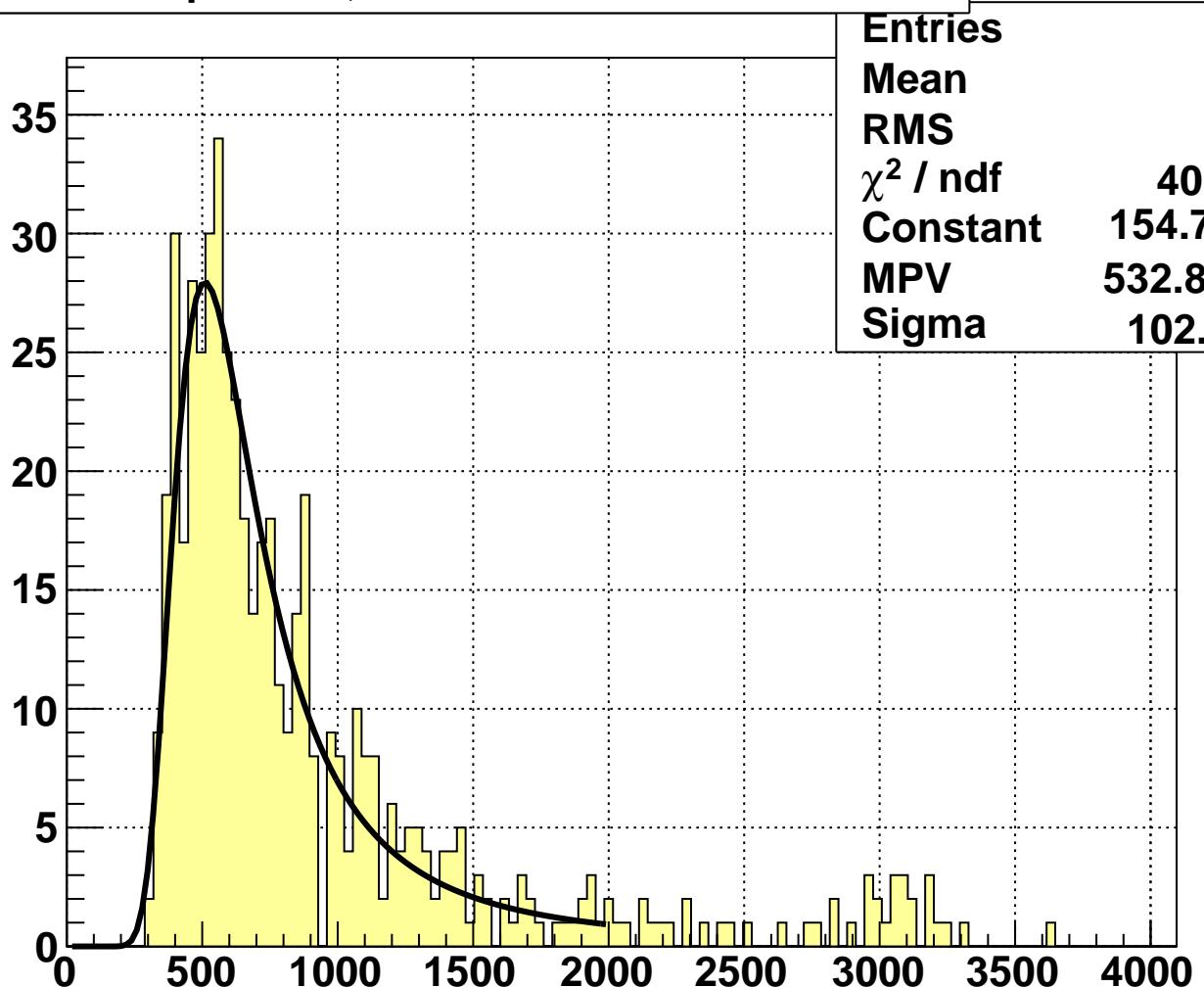
FST - MIP peak ZS, RDO5_ARM0_PORT1_SEC0

ZS_Section_50



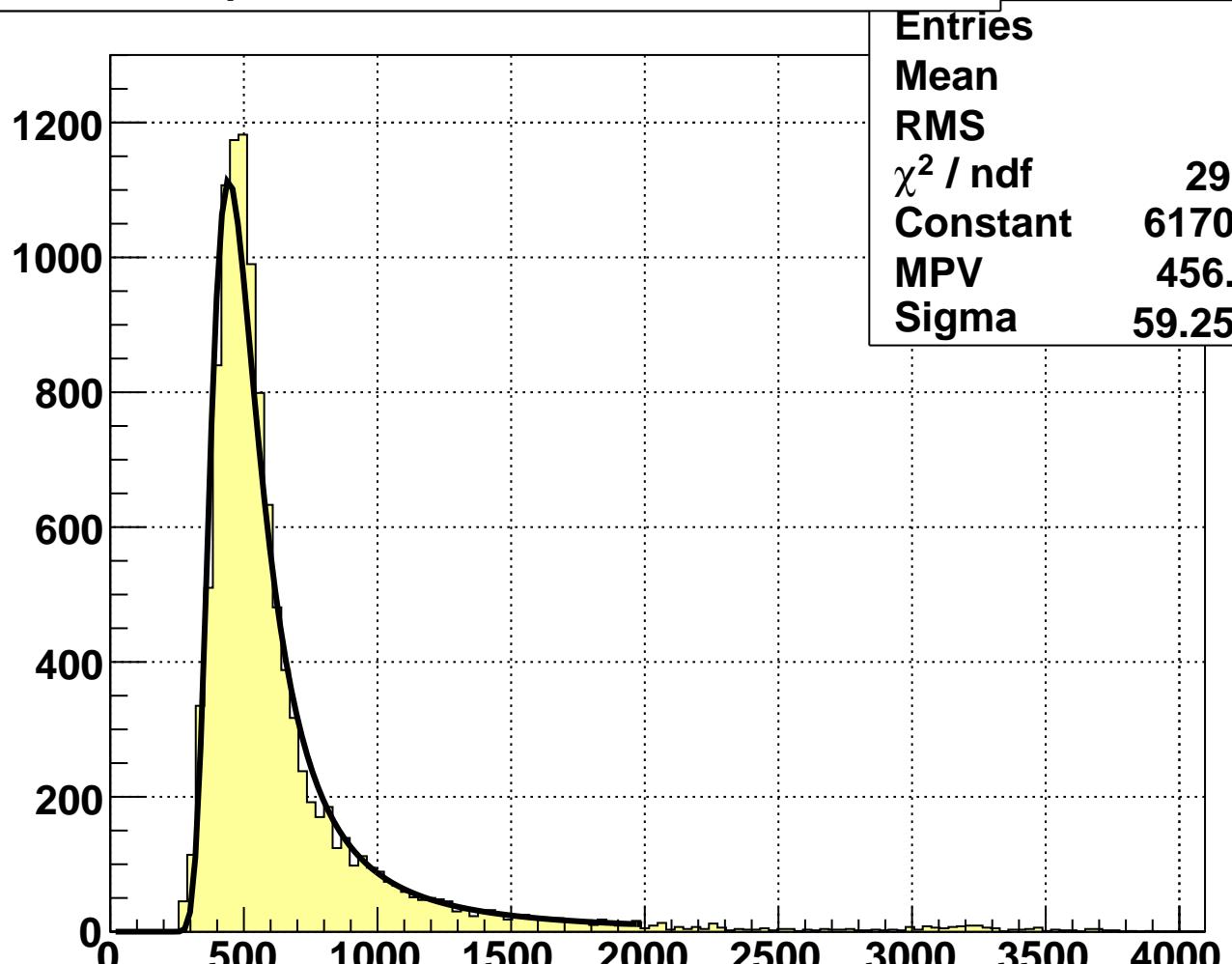
FST - MIP peak ZS, RDO5_ARM0_PORT1_SEC1

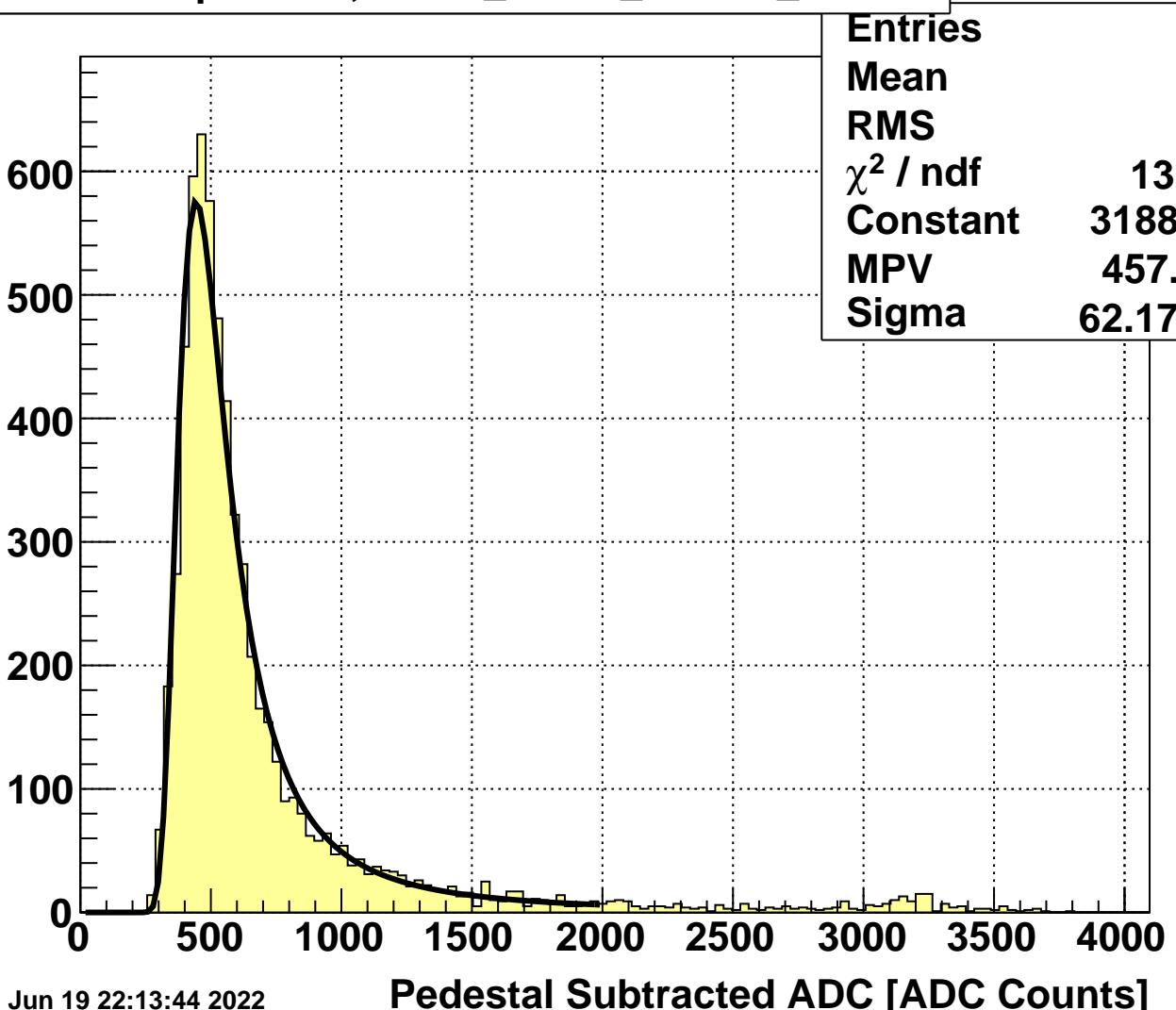
ZS_Section_51



FST - MIP peak ZS, RDO5_ARM1_PORT0_SEC0

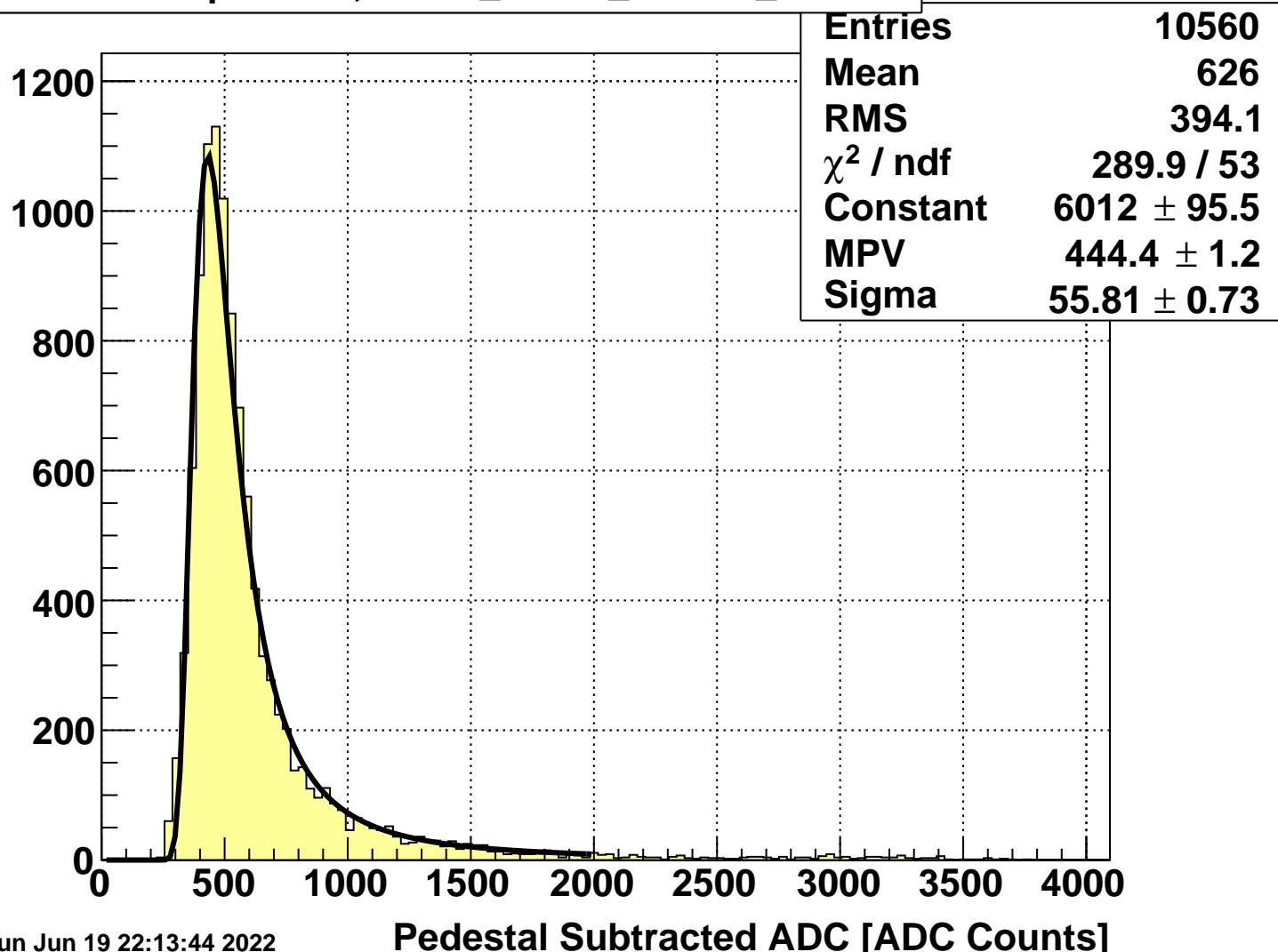
ZS_Section_52

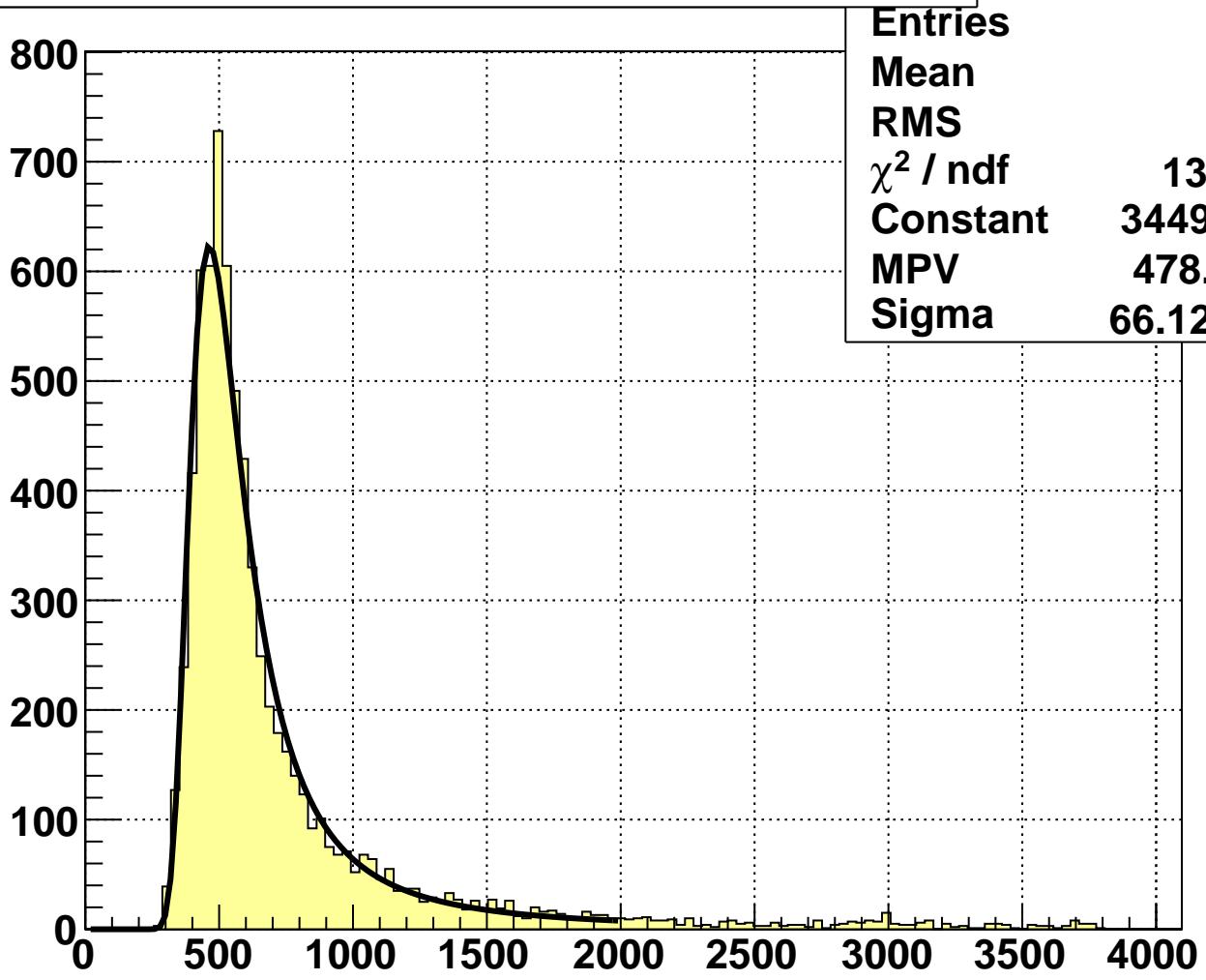




FST - MIP peak ZS, RDO5_ARM1_PORT1_SEC0

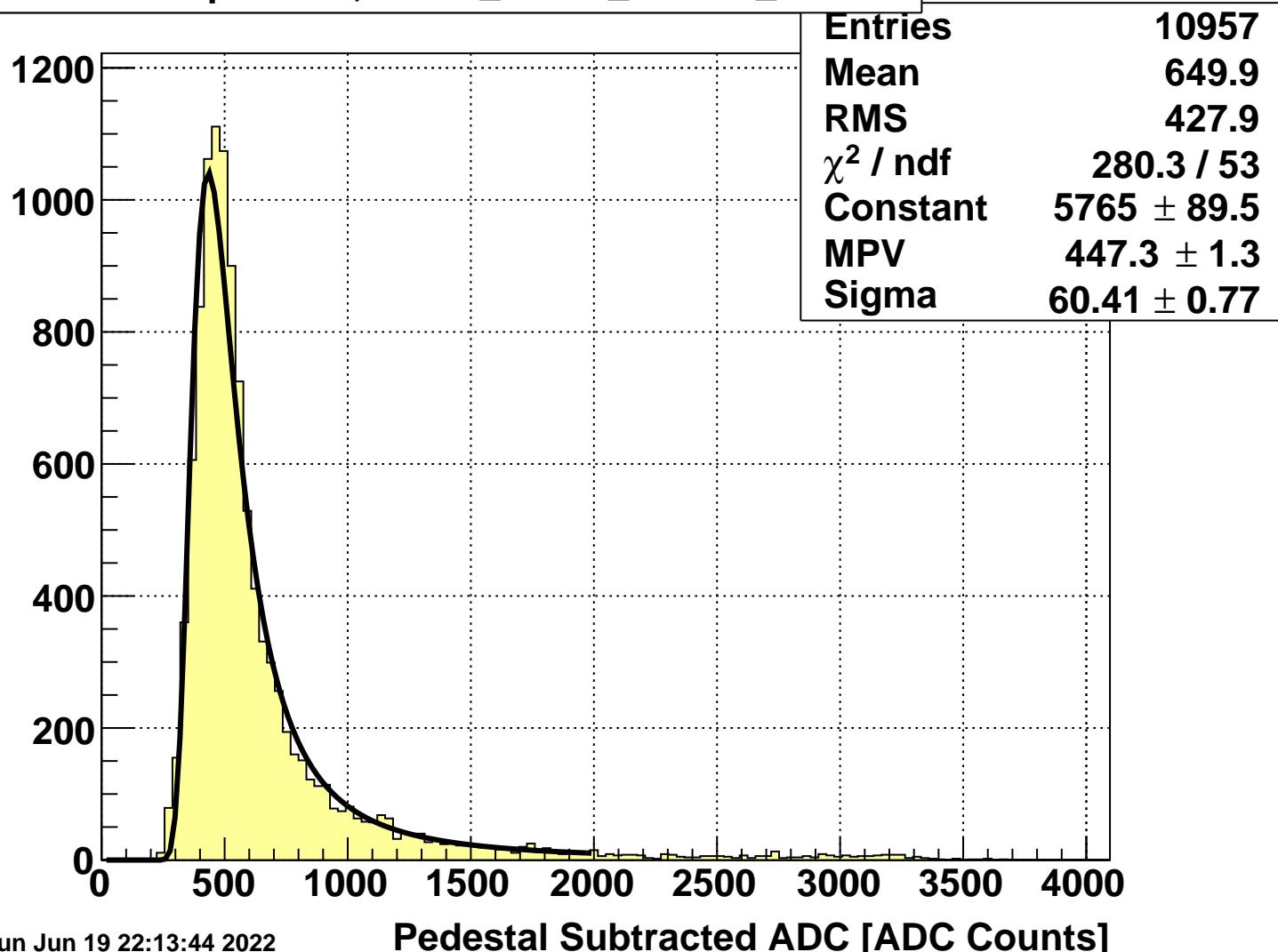
ZS_Section_54

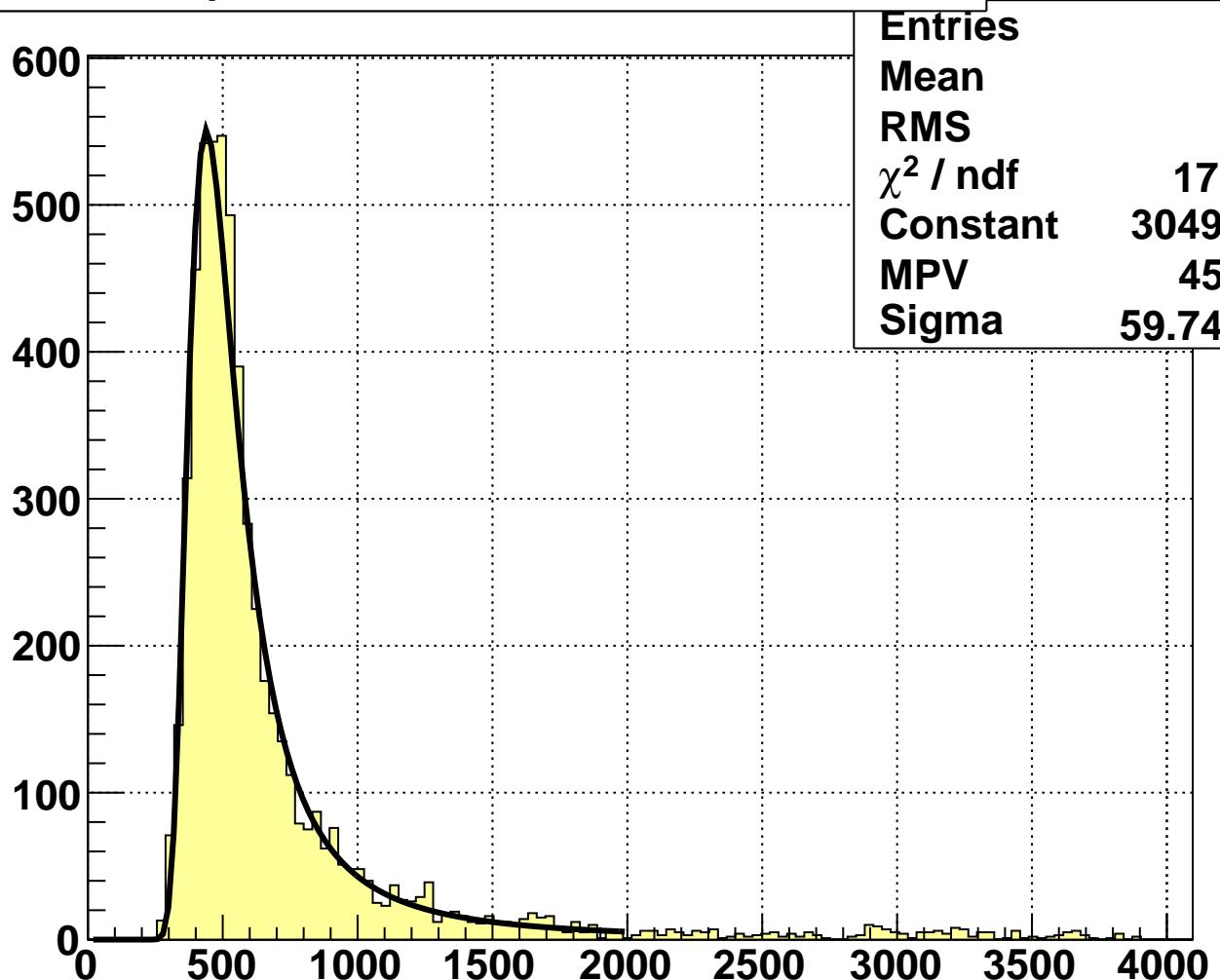




FST - MIP peak ZS, RDO5_ARM2_PORT0_SEC0

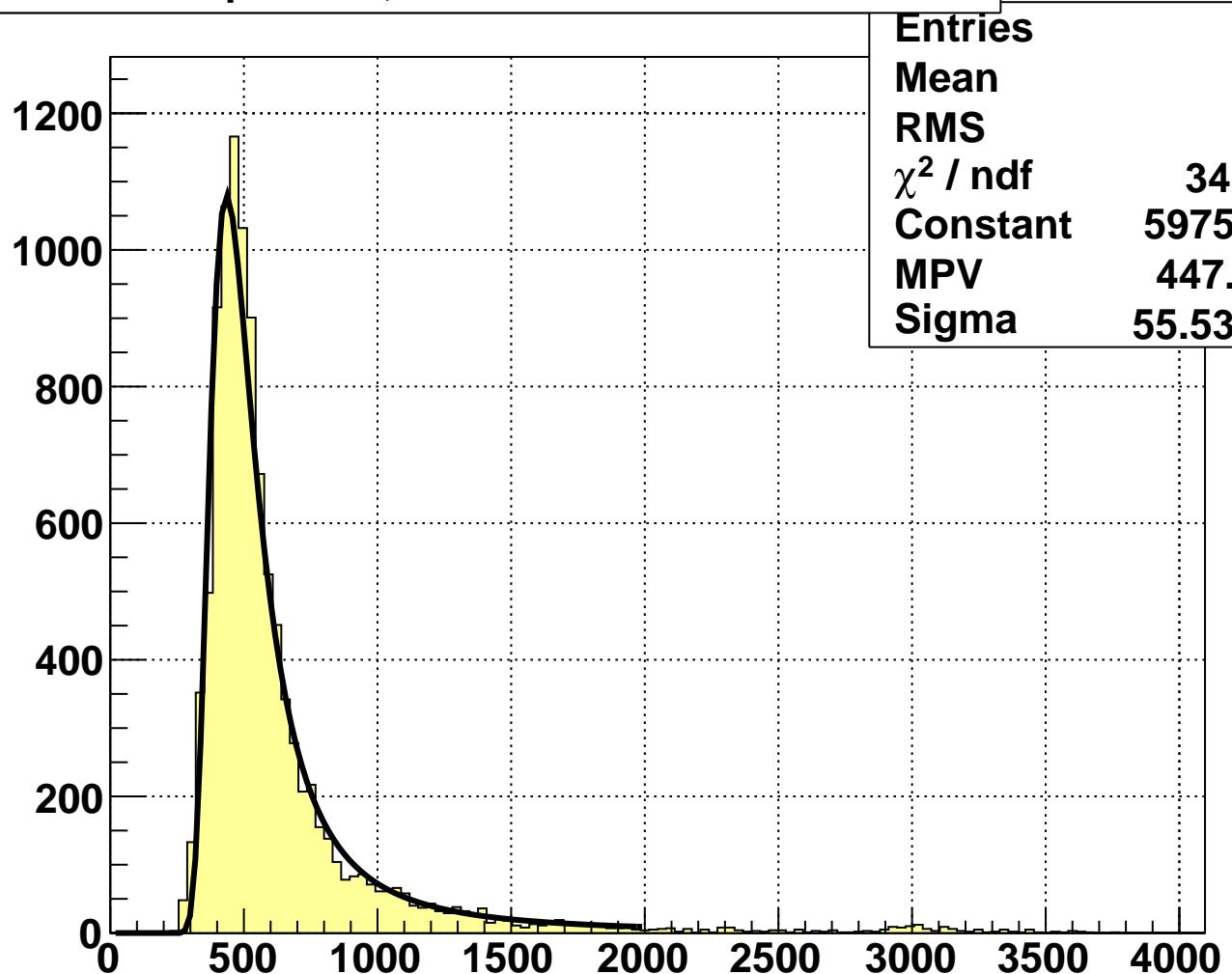
ZS_Section_56

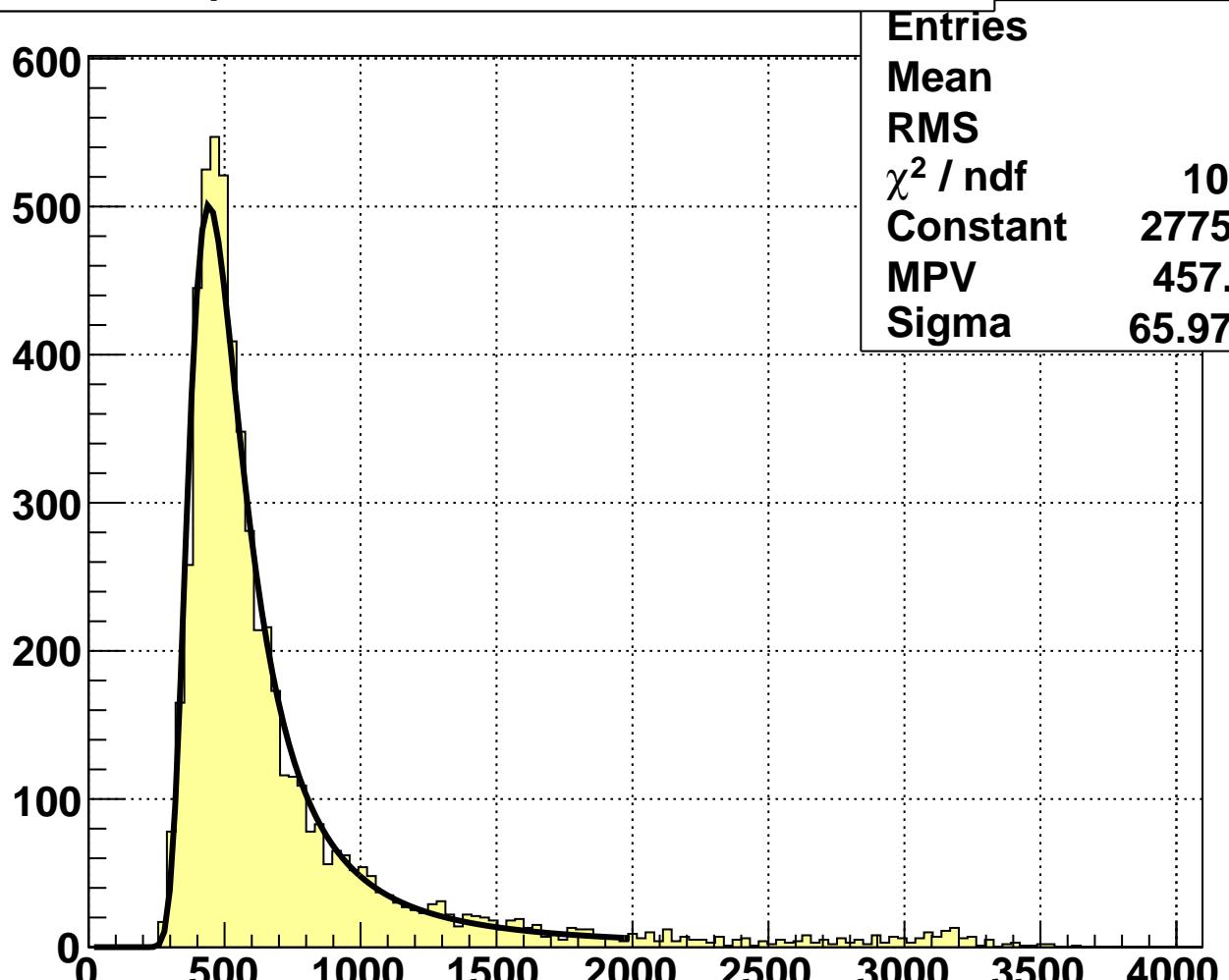




FST - MIP peak ZS, RDO5_ARM2_PORT1_SEC0

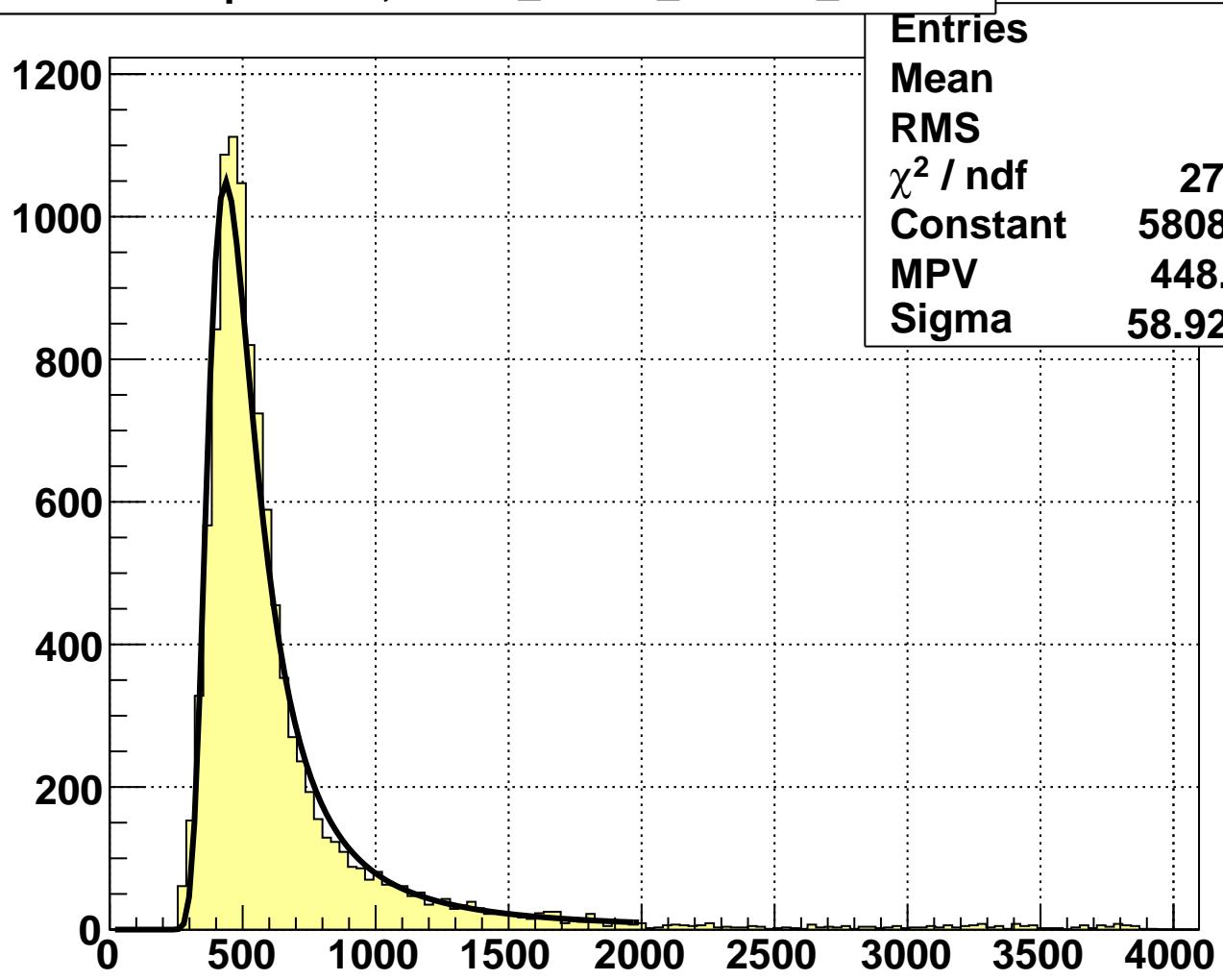
ZS_Section_58

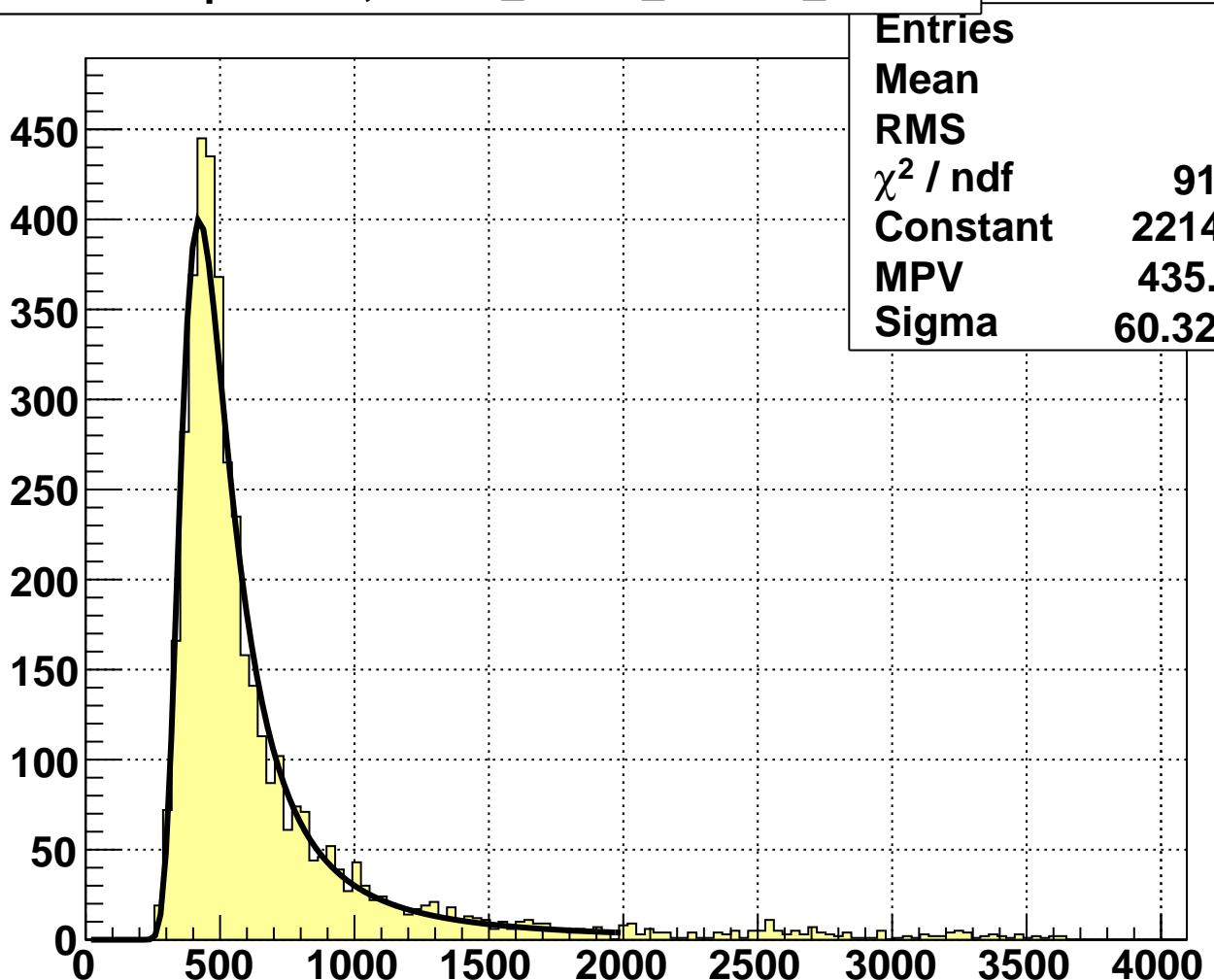




FST - MIP peak ZS, RDO6_ARM0_PORT0_SEC0

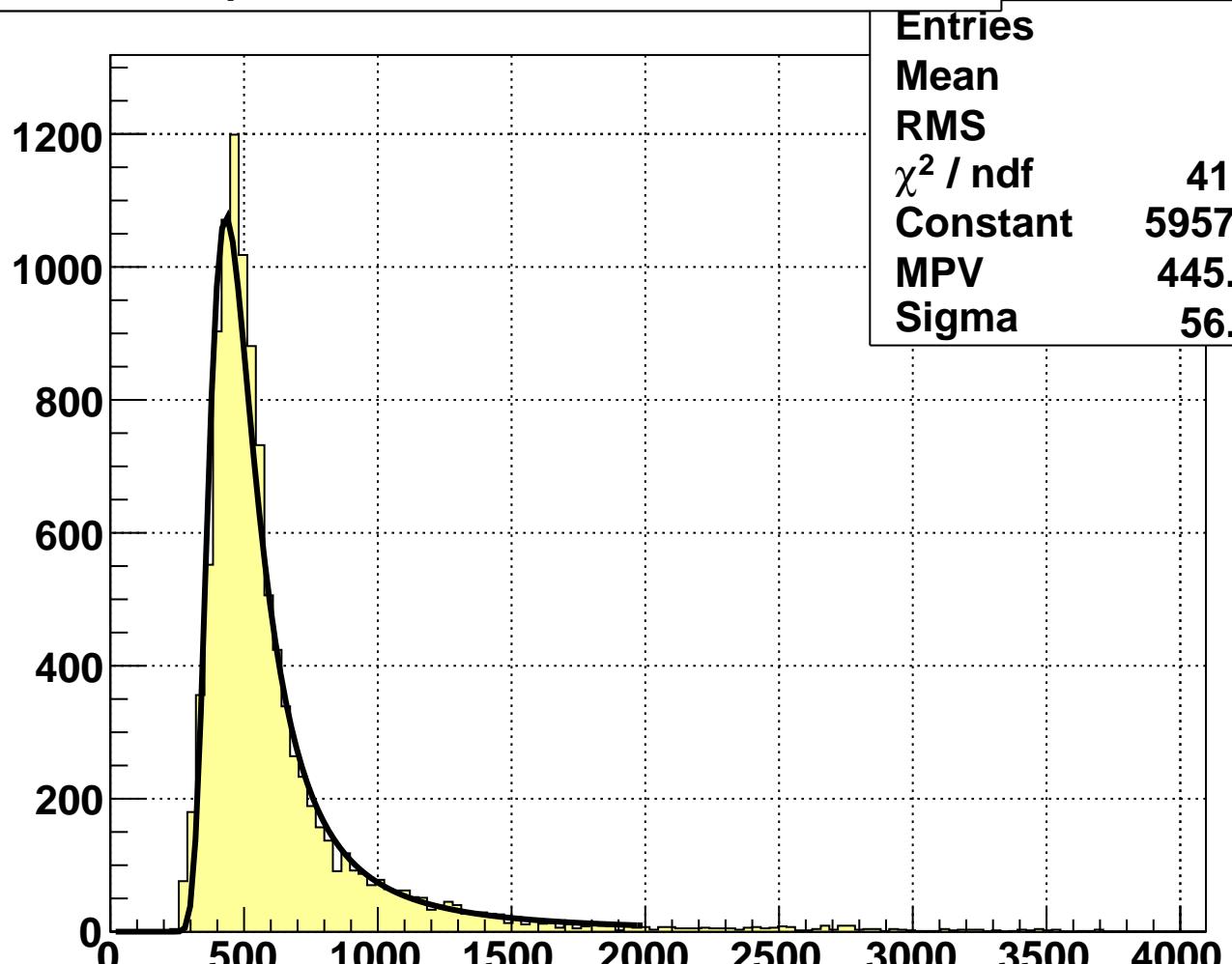
ZS_Section_60





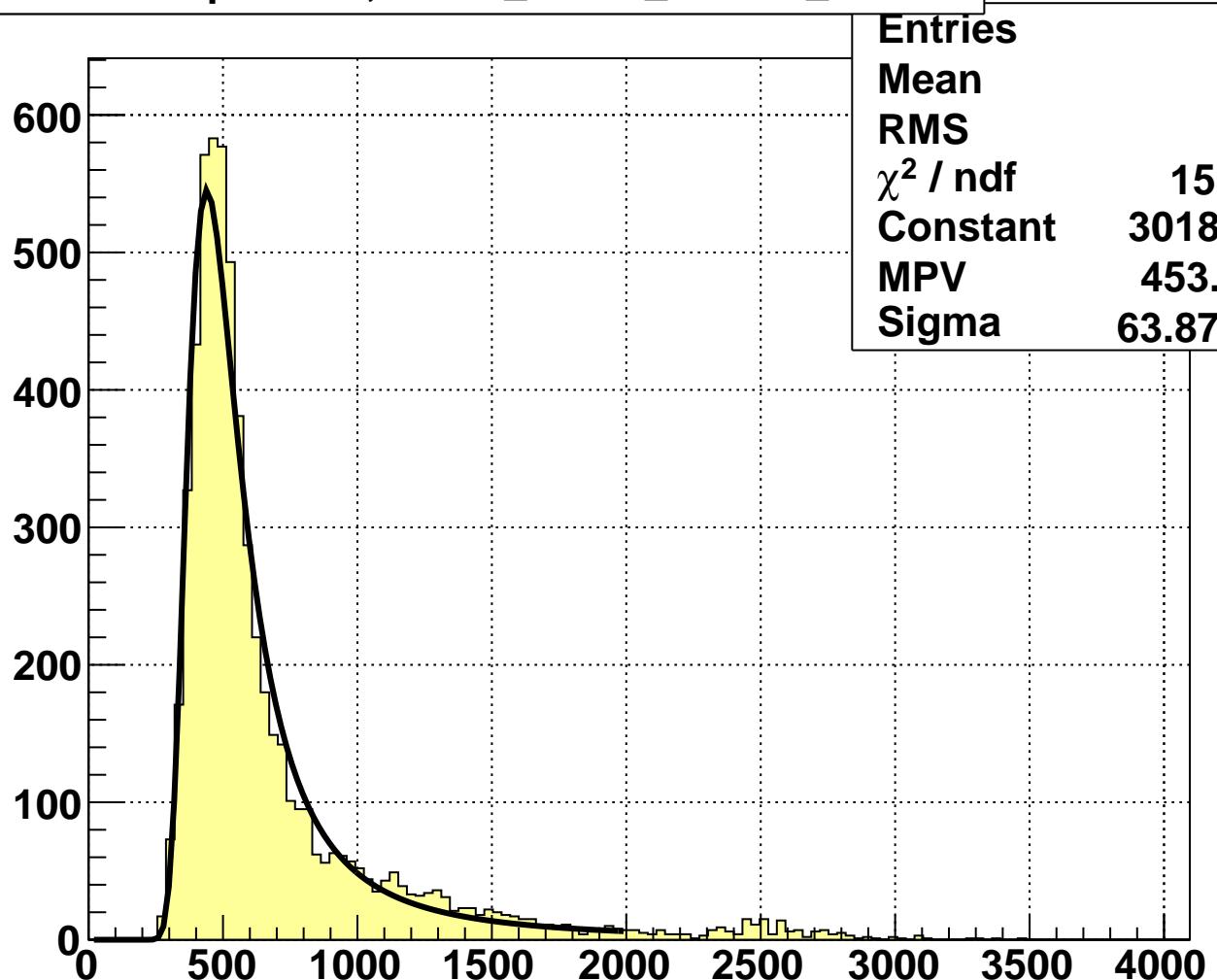
FST - MIP peak ZS, RDO6_ARM0_PORT1_SEC0

ZS_Section_62



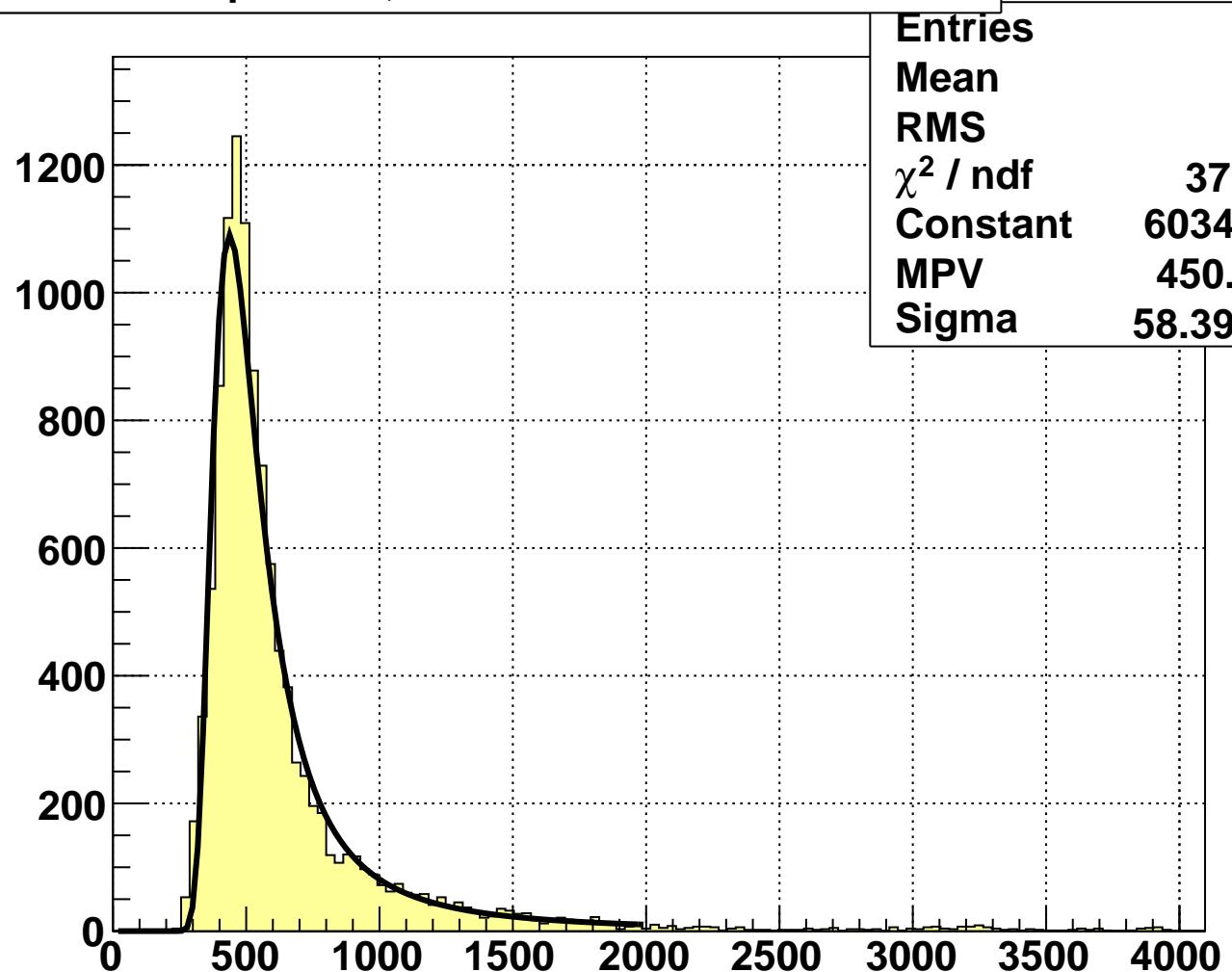
FST - MIP peak ZS, RDO6_ARM0_PORT1_SEC1

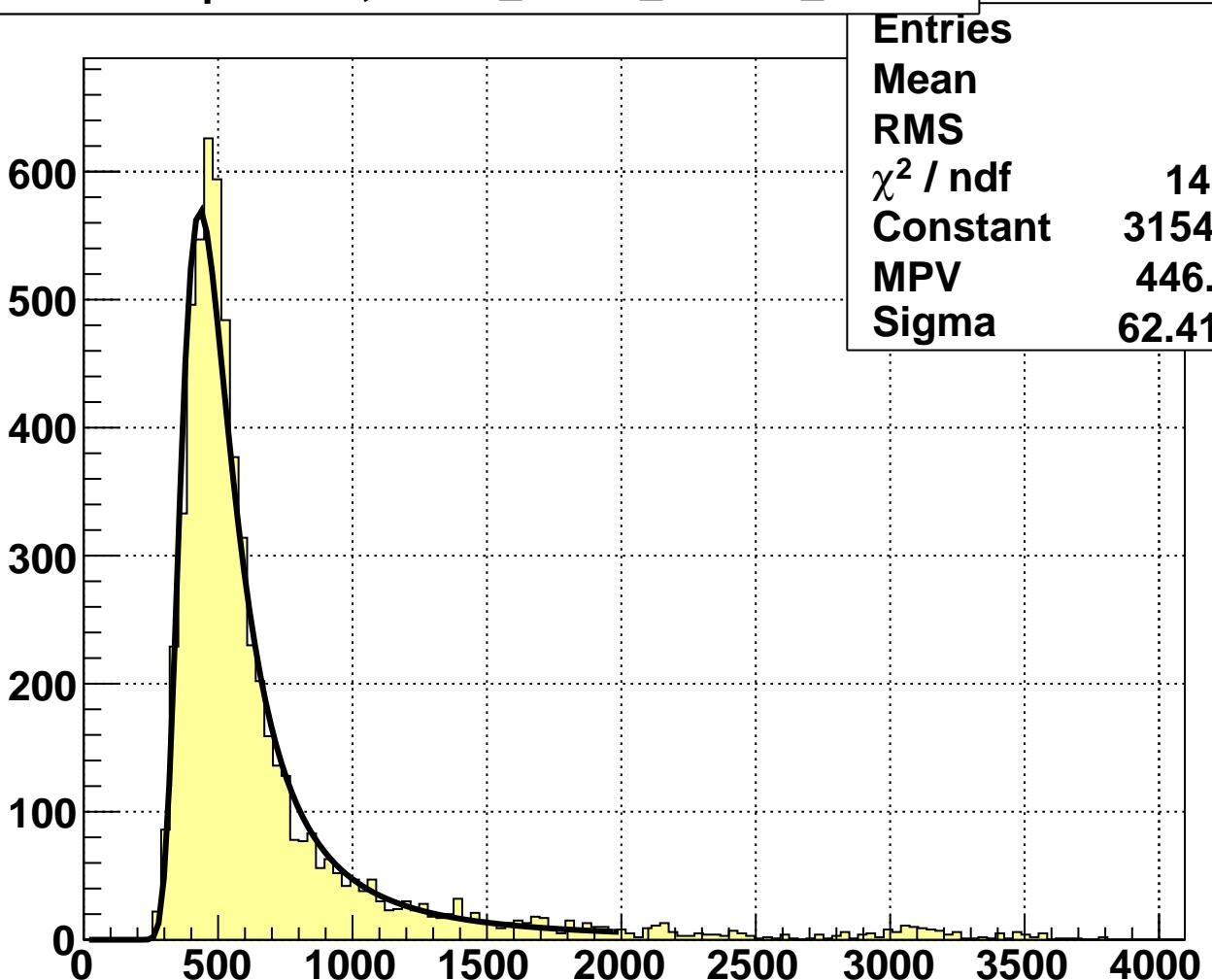
ZS_Section_63



FST - MIP peak ZS, RDO6_ARM1_PORT0_SEC0

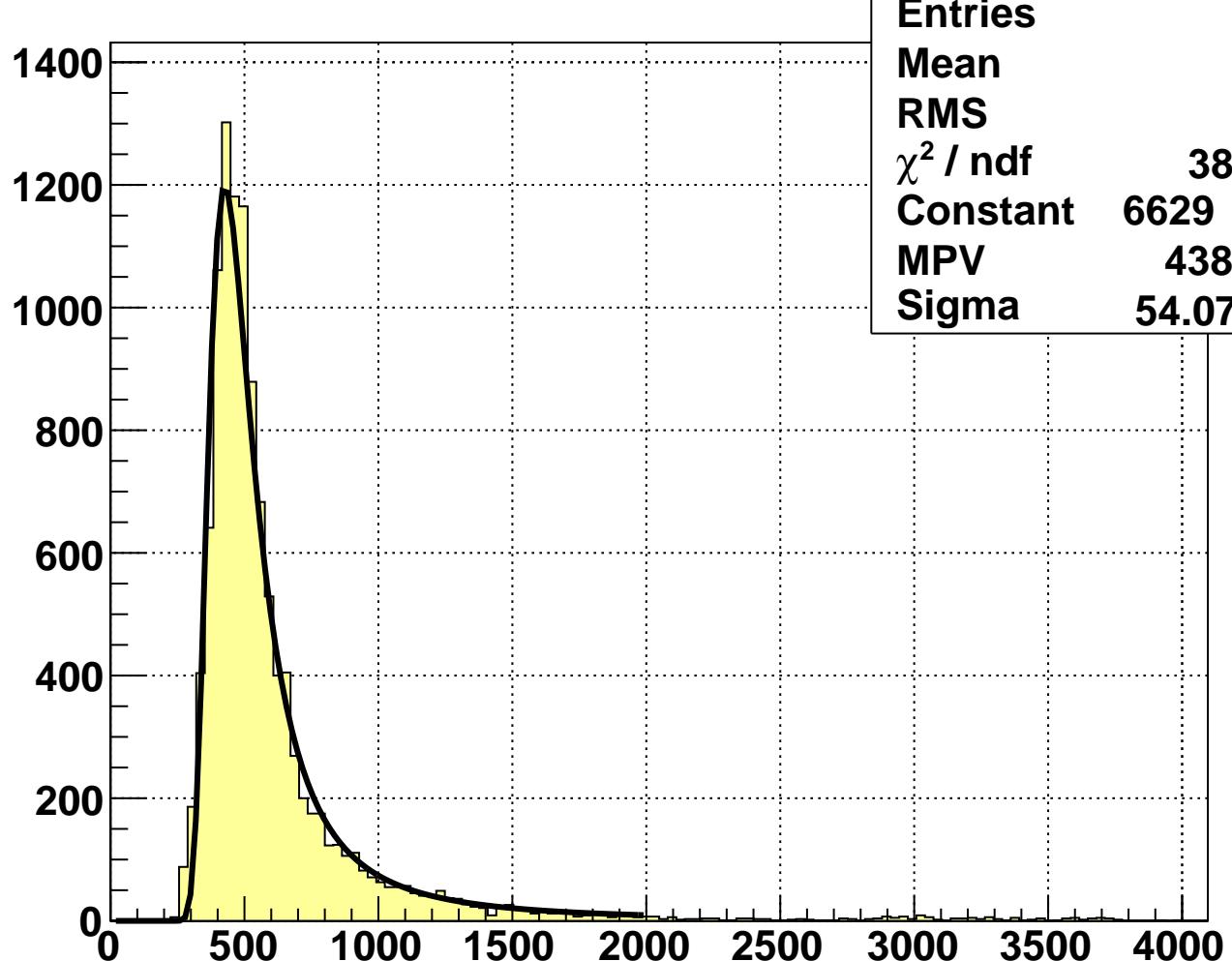
ZS_Section_64

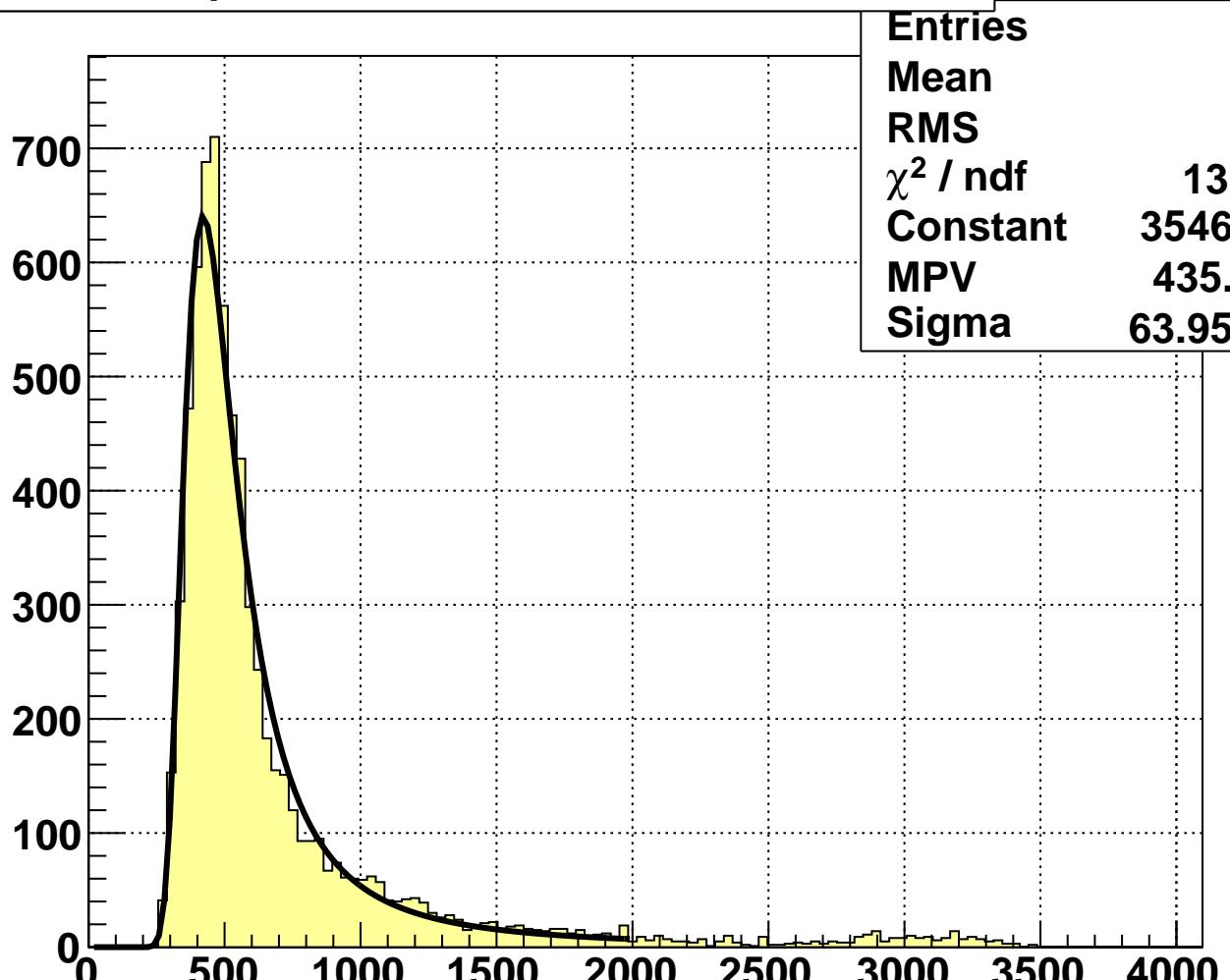




FST - MIP peak ZS, RDO6_ARM1_PORT1_SEC0

ZS_Section_66

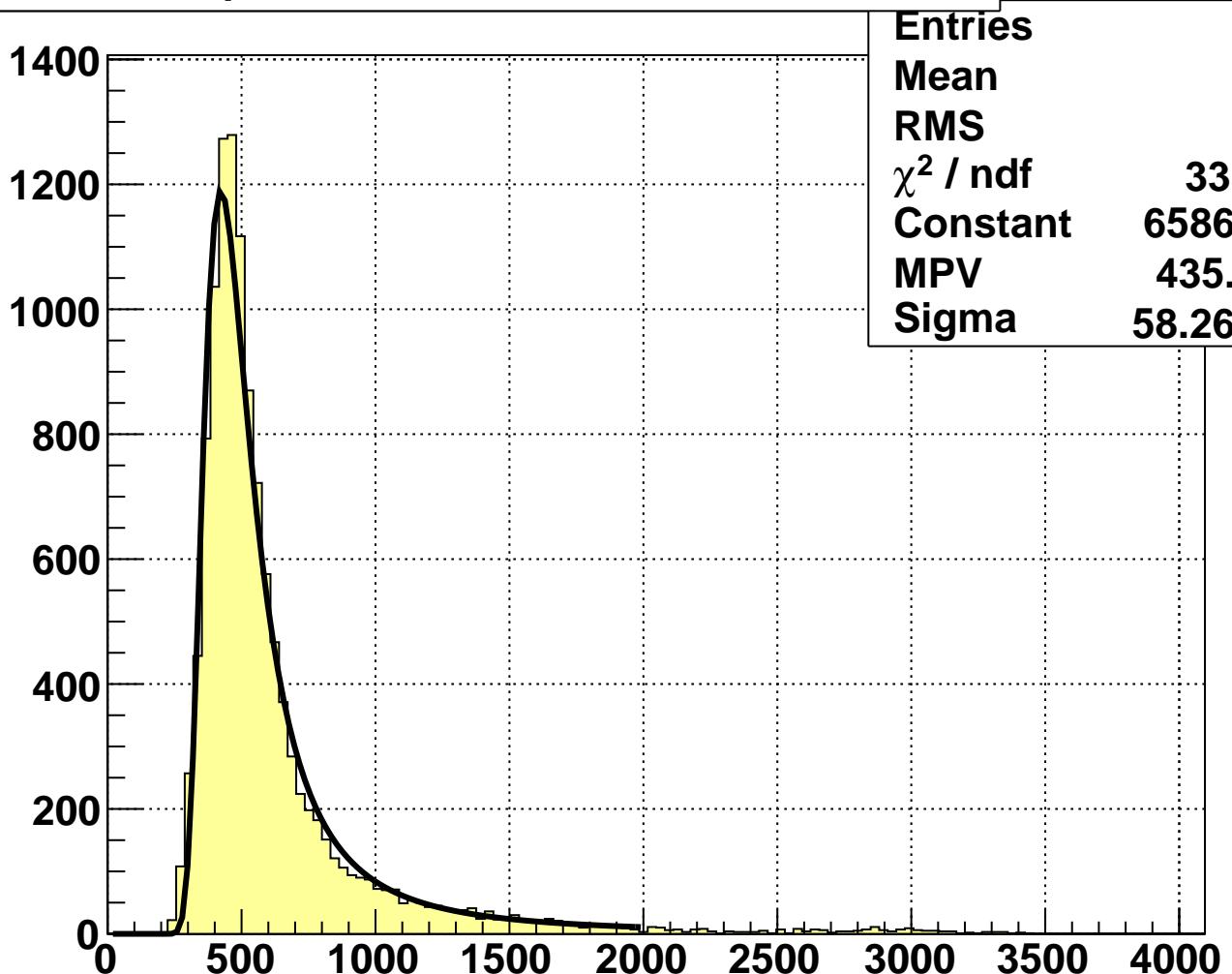


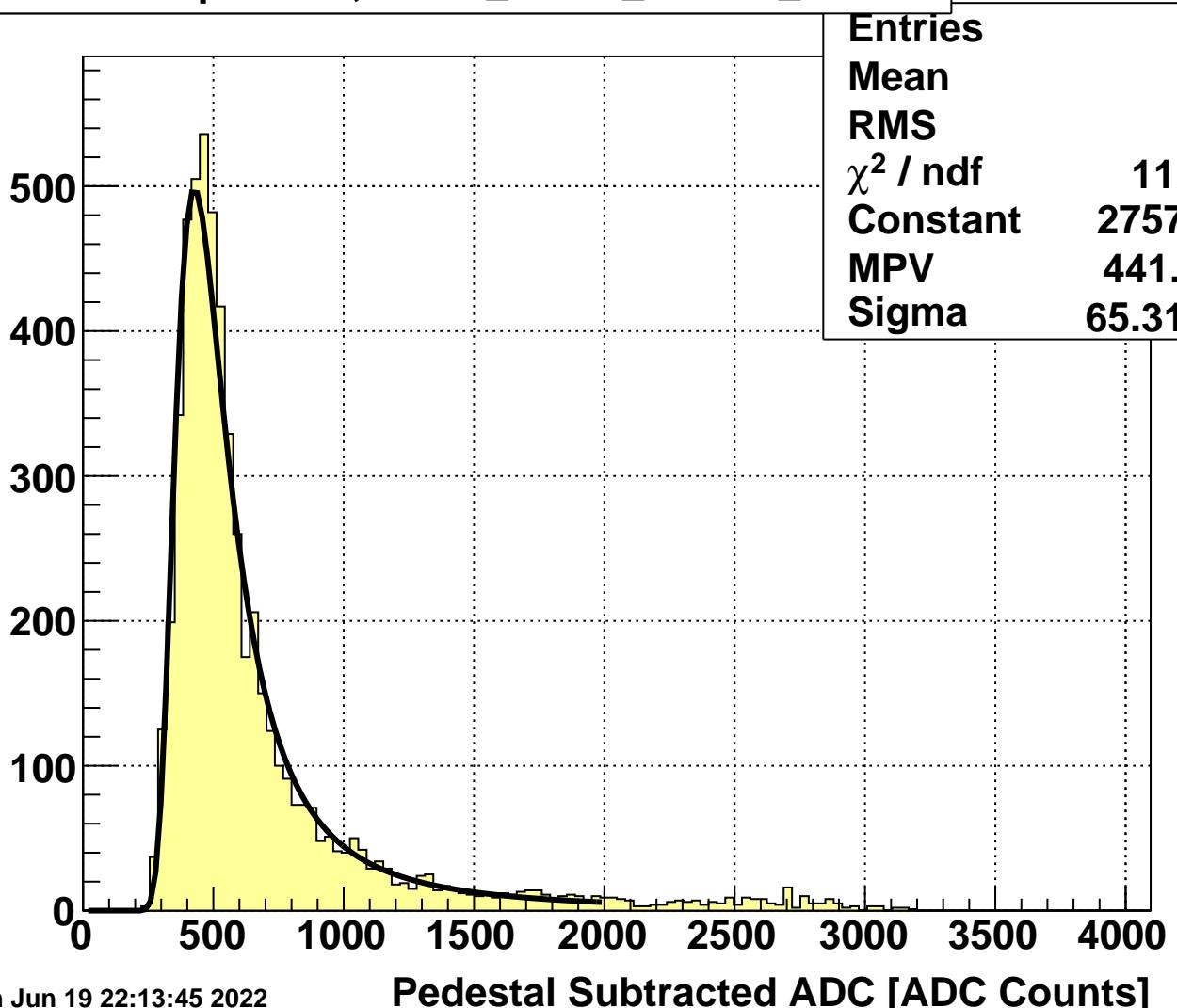


Entries	7172
Mean	696.6
RMS	519.1
χ^2 / ndf	135.3 / 52
Constant	3546 ± 66.0
MPV	435.3 ± 1.6
Sigma	63.95 ± 0.96

FST - MIP peak ZS, RDO6_ARM2_PORT0_SEC0

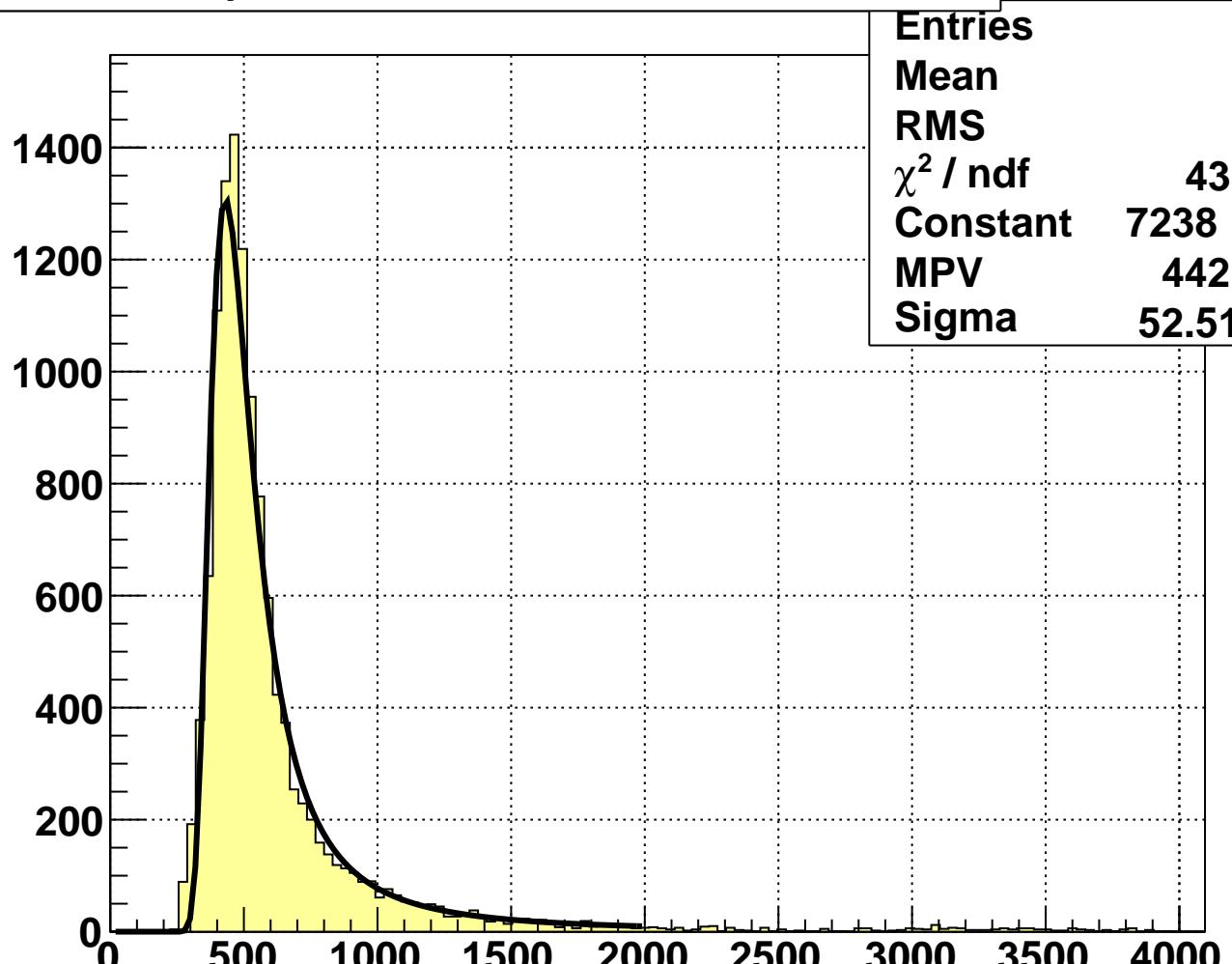
ZS_Section_68





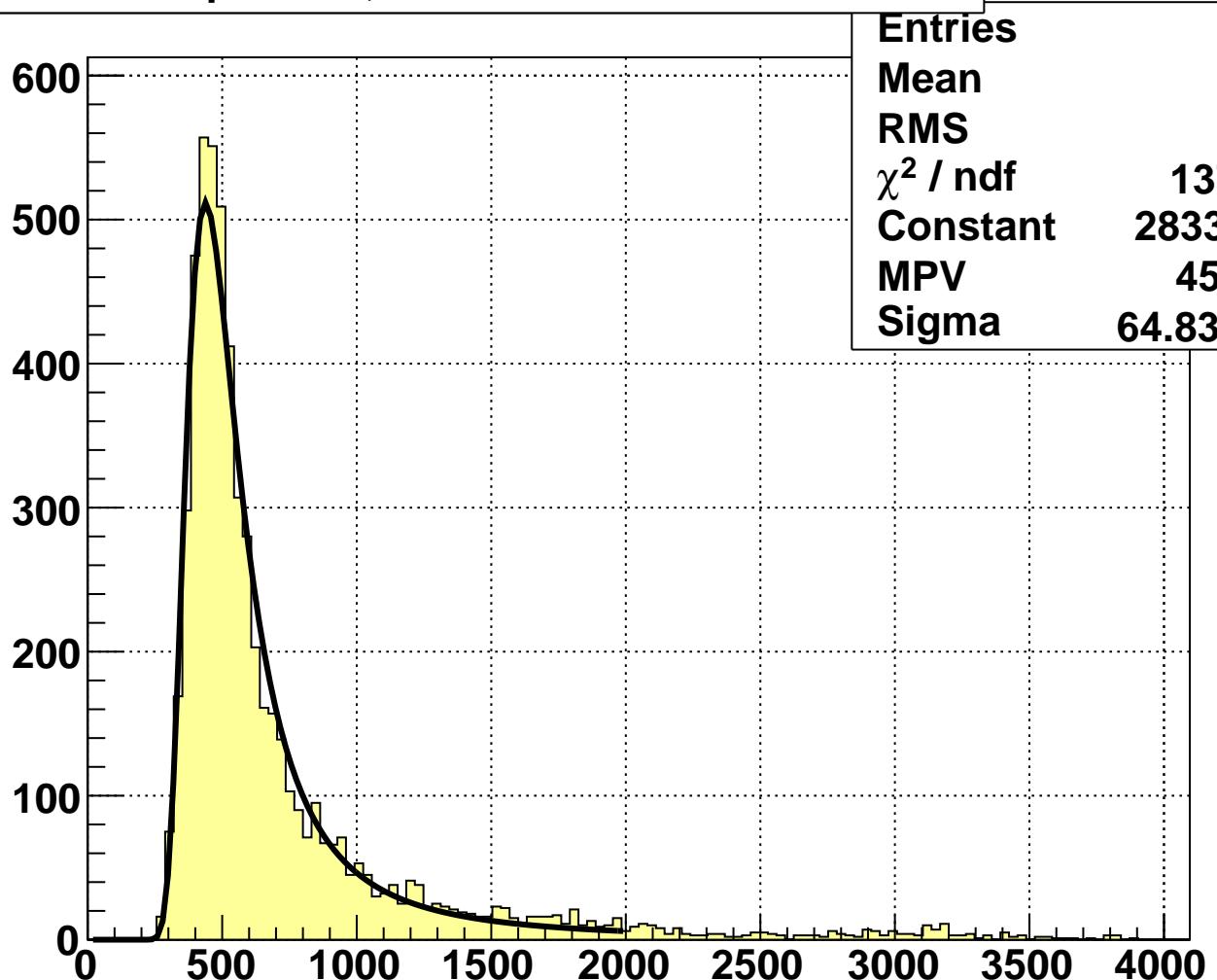
FST - MIP peak ZS, RDO6_ARM2_PORT1_SEC0

ZS_Section_70



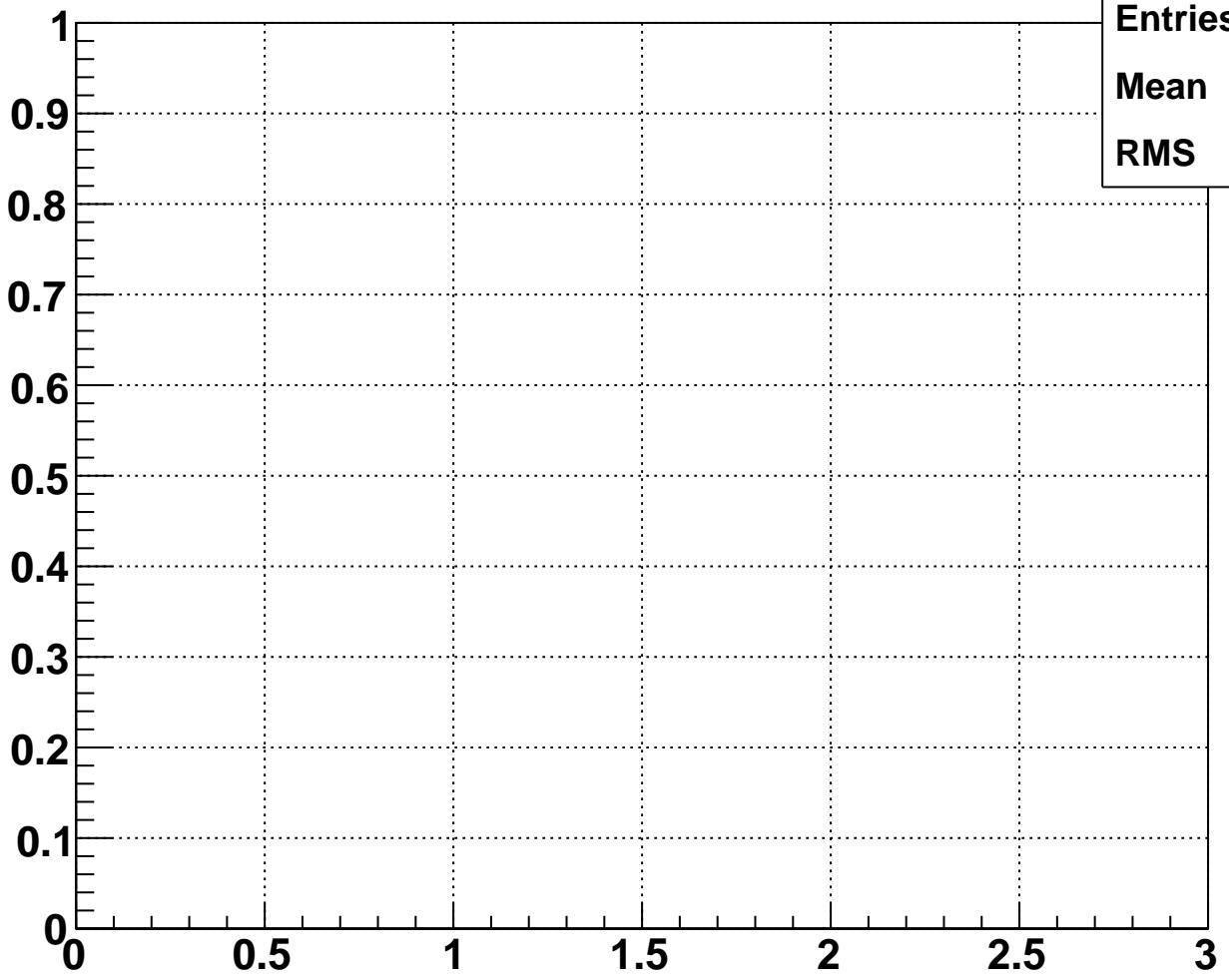
FST - MIP peak ZS, RDO6_ARM2_PORT1_SEC1

_ZS_Section_71



FST - Max time bin (ZS), RDO1_ARM0_PORT0_SEC0

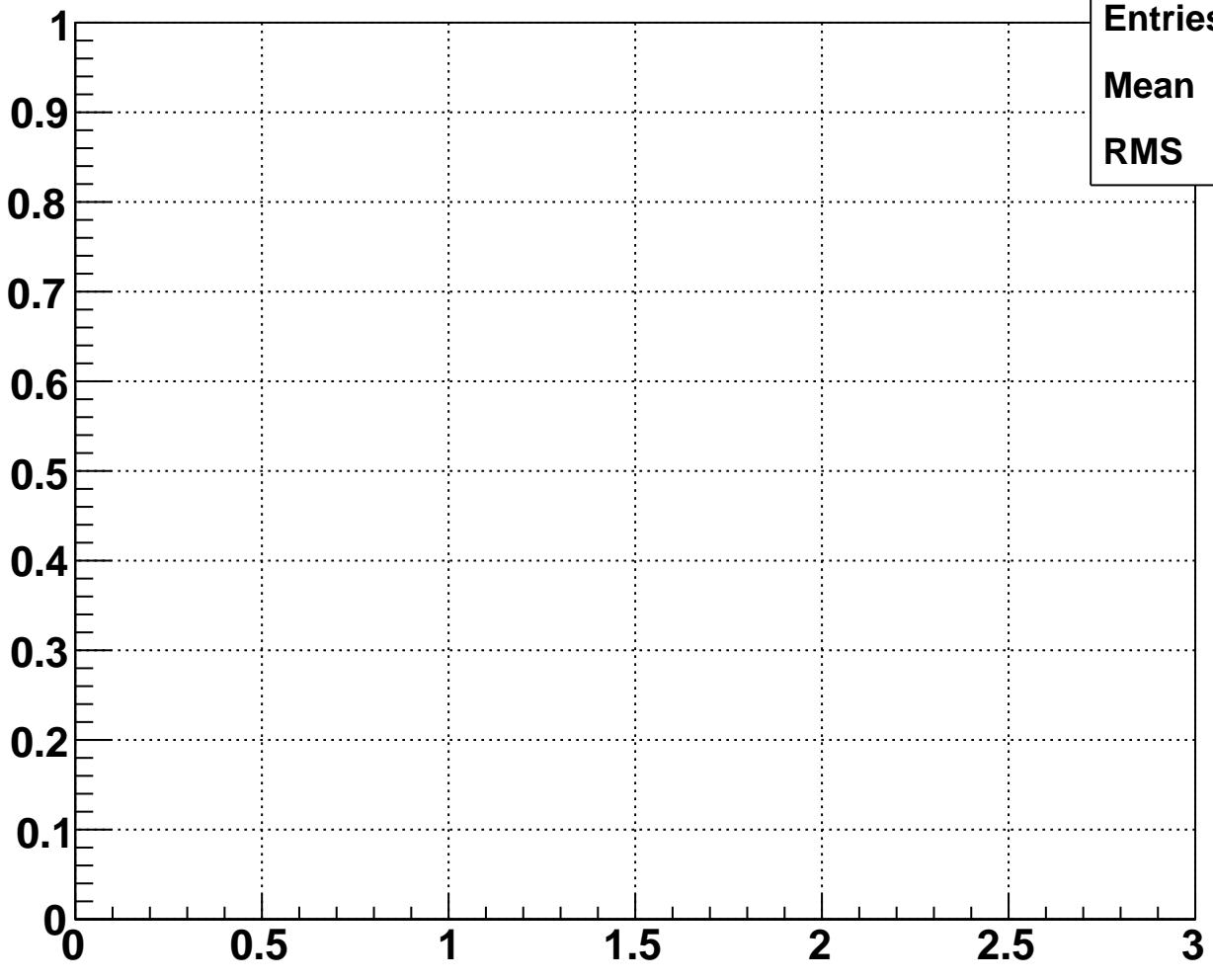
maxTB_ZS_Section_0



Entries 11424
Mean 0
RMS 0

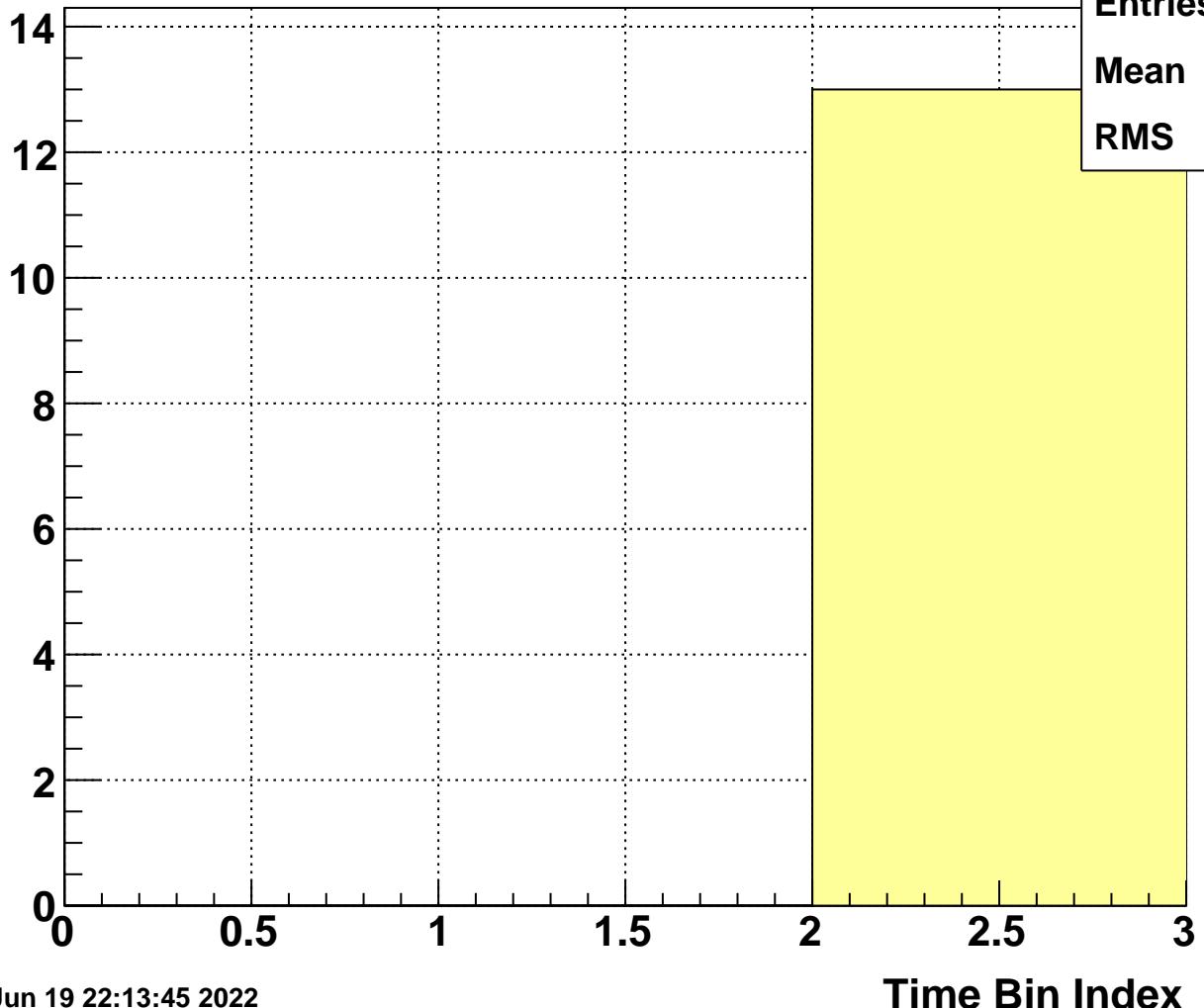
FST - Max time bin (ZS), RDO1_ARM0_PORT0_SEC1

maxTB_ZS_Section_1	
Entries	4838
Mean	0
RMS	0



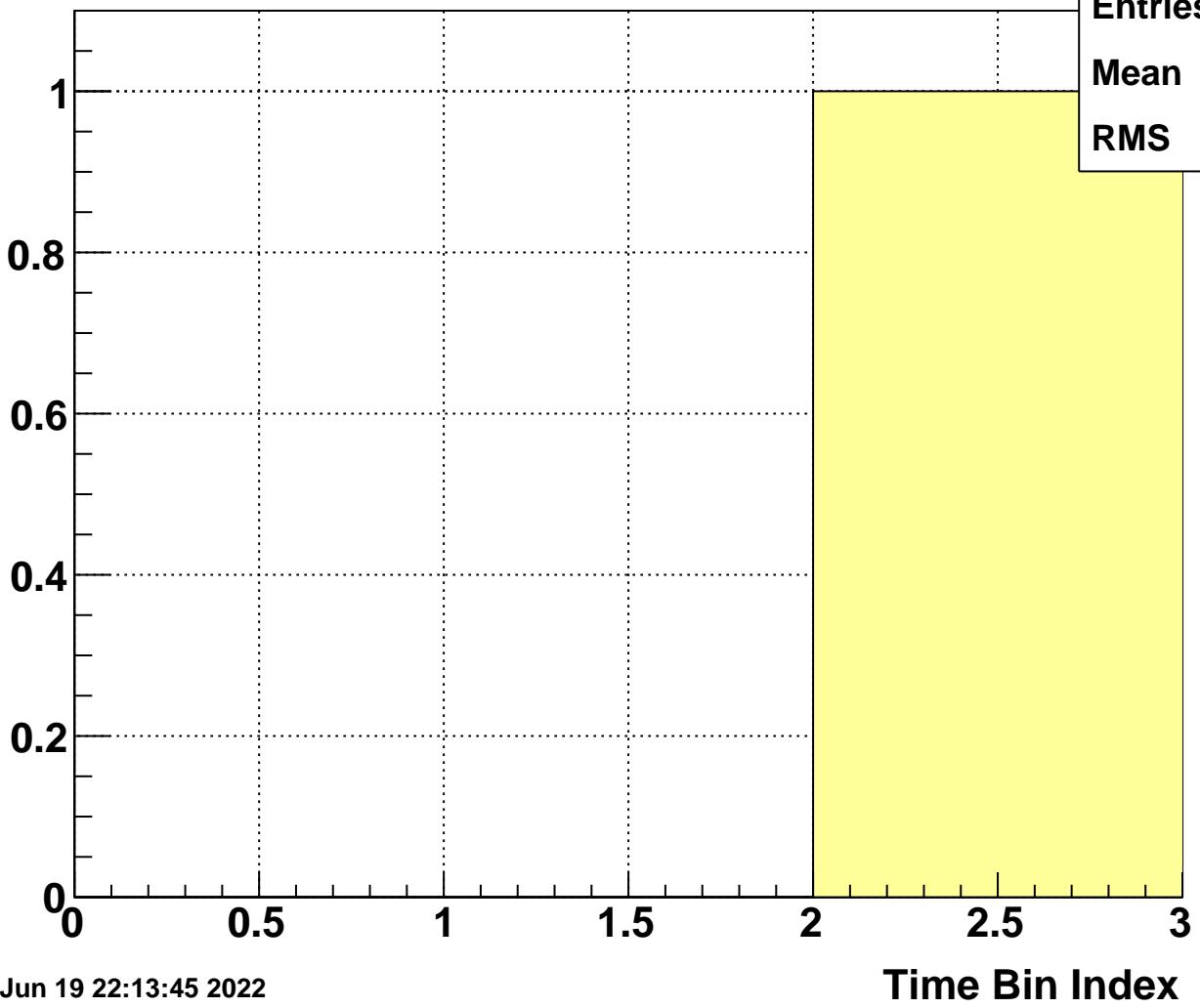
FST - Max time bin (ZS), RDO1_ARM0_PORT1_SEC0

maxTB_ZS_Section_2
Entries 11076
Mean 2
RMS 0



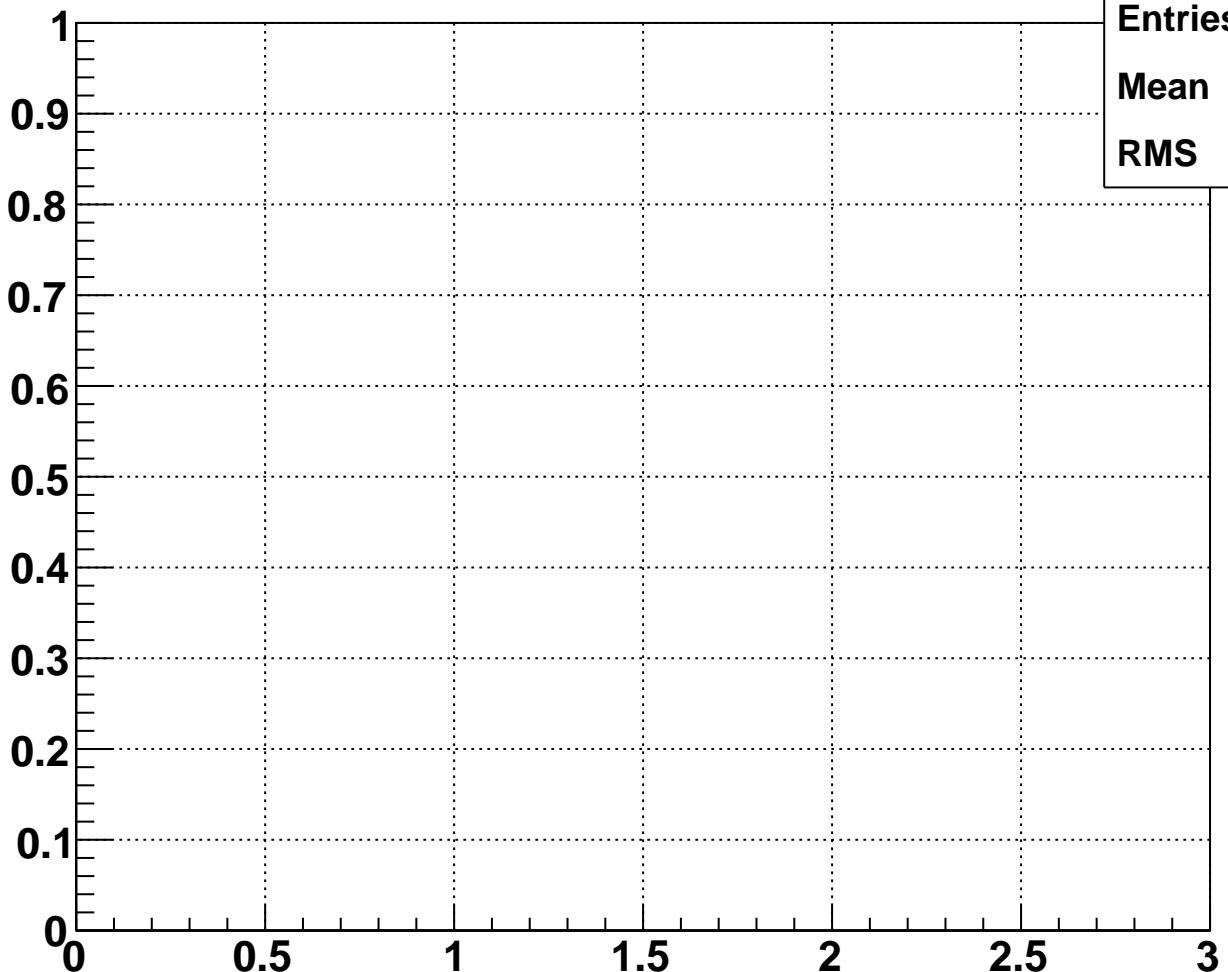
FST - Max time bin (ZS), RDO1_ARM0_PORT1_SEC1

maxTB_ZS_Section_3	
Entries	5473
Mean	2
RMS	0



FST - Max time bin (ZS), RDO1_ARM1_PORT0_SEC0

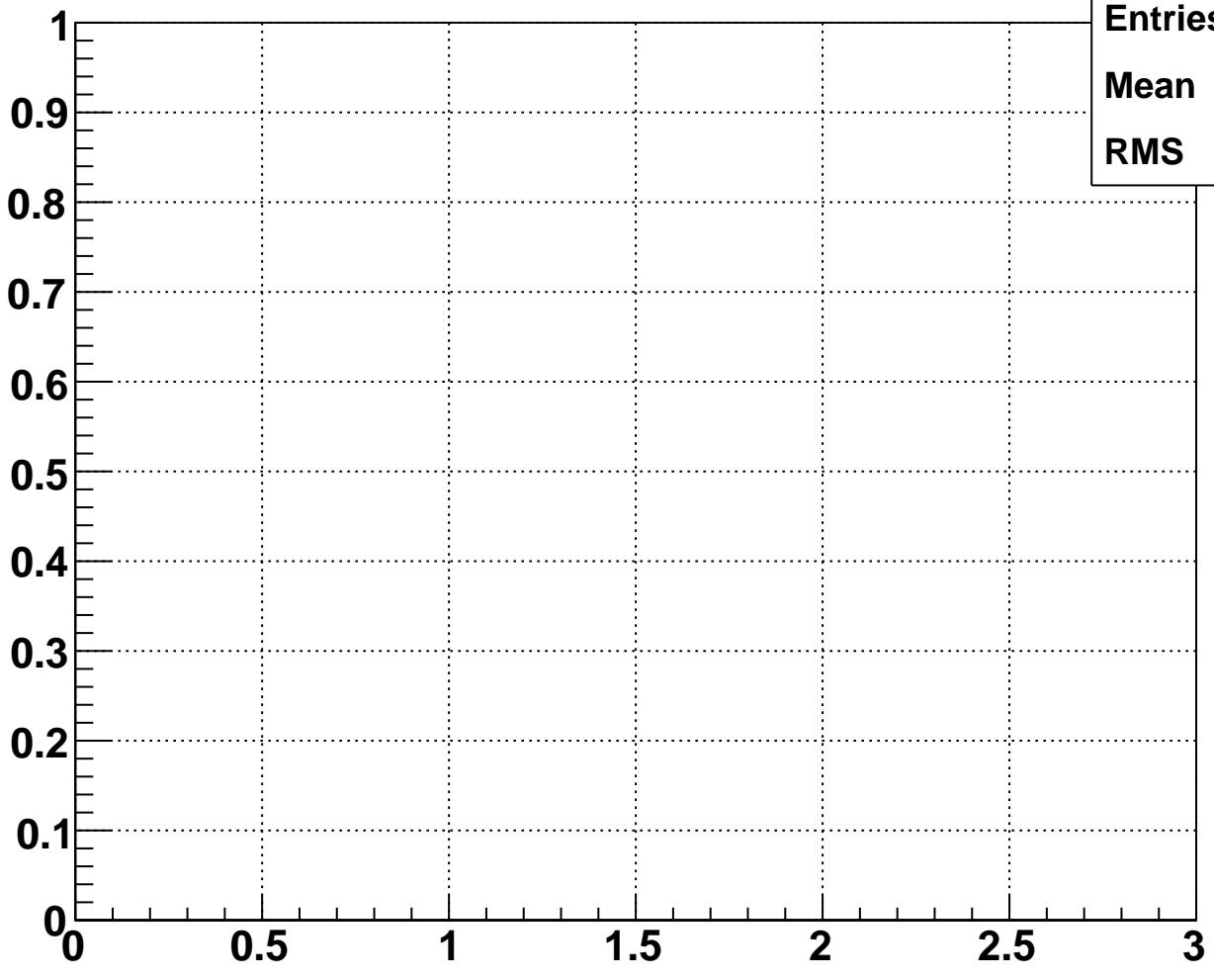
maxTB_ZS_Section_4



Entries 11456
Mean 0
RMS 0

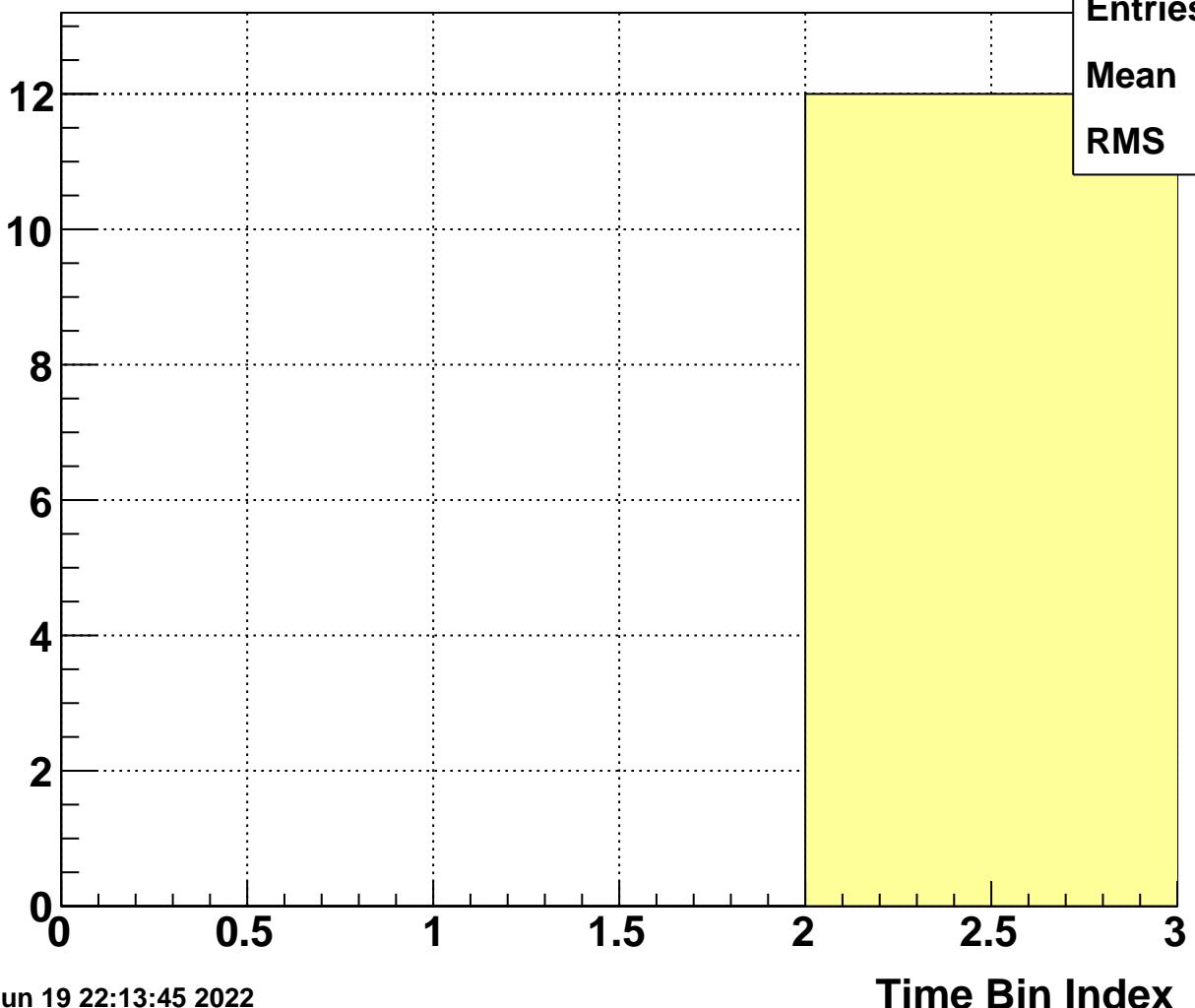
FST - Max time bin (ZS), RDO1_ARM1_PORT0_SEC1

maxTB_ZS_Section_5	
Entries	5242
Mean	0
RMS	0



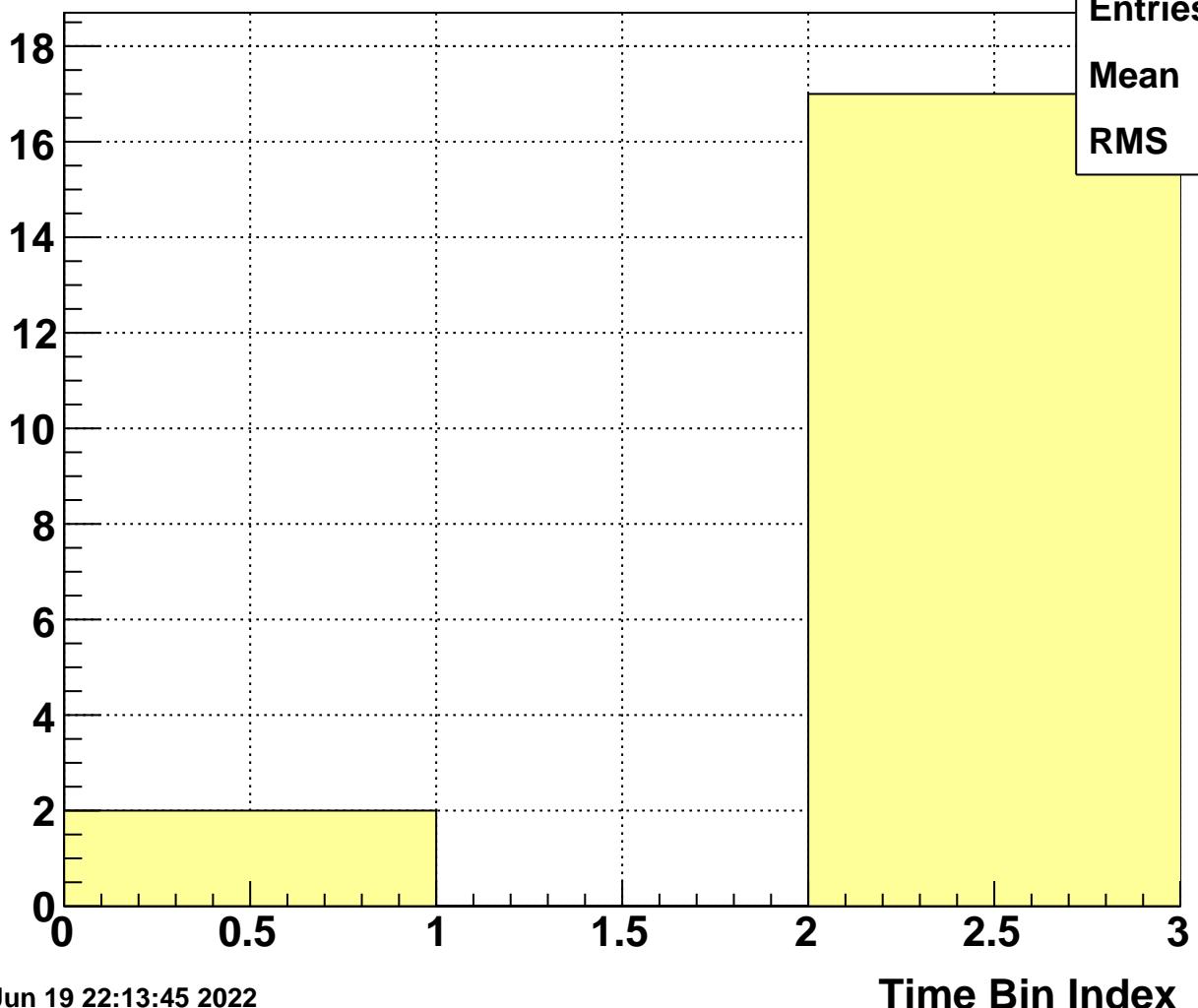
FST - Max time bin (ZS), RDO1_ARM1_PORT1_SEC0

maxTB_ZS_Section_6
Entries 10938
Mean 2
RMS 0



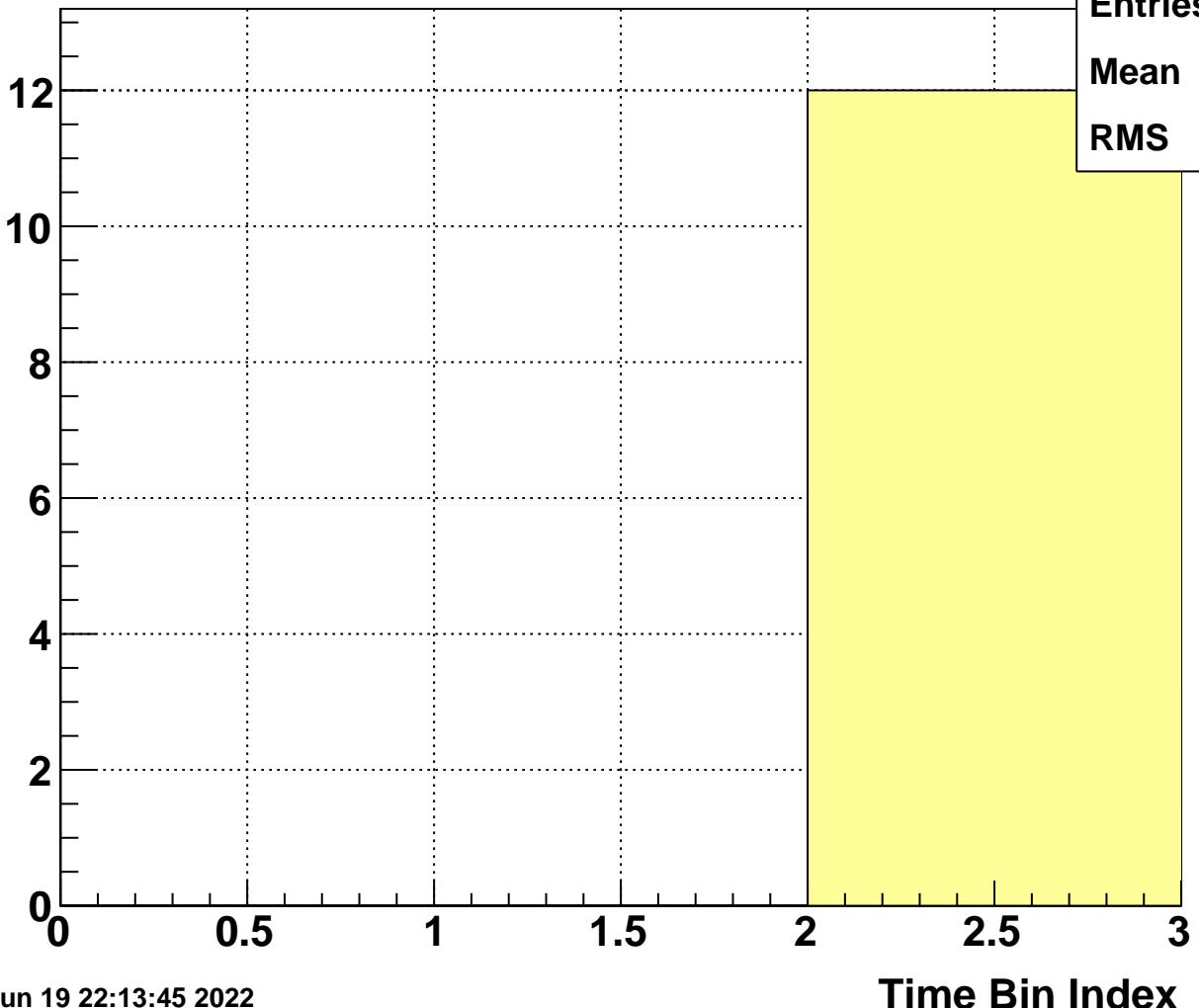
FST - Max time bin (ZS), RDO1_ARM1_PORT1_SEC1

maxTB_ZS_Section_7	
Entries	6104
Mean	1.789
RMS	0.6138



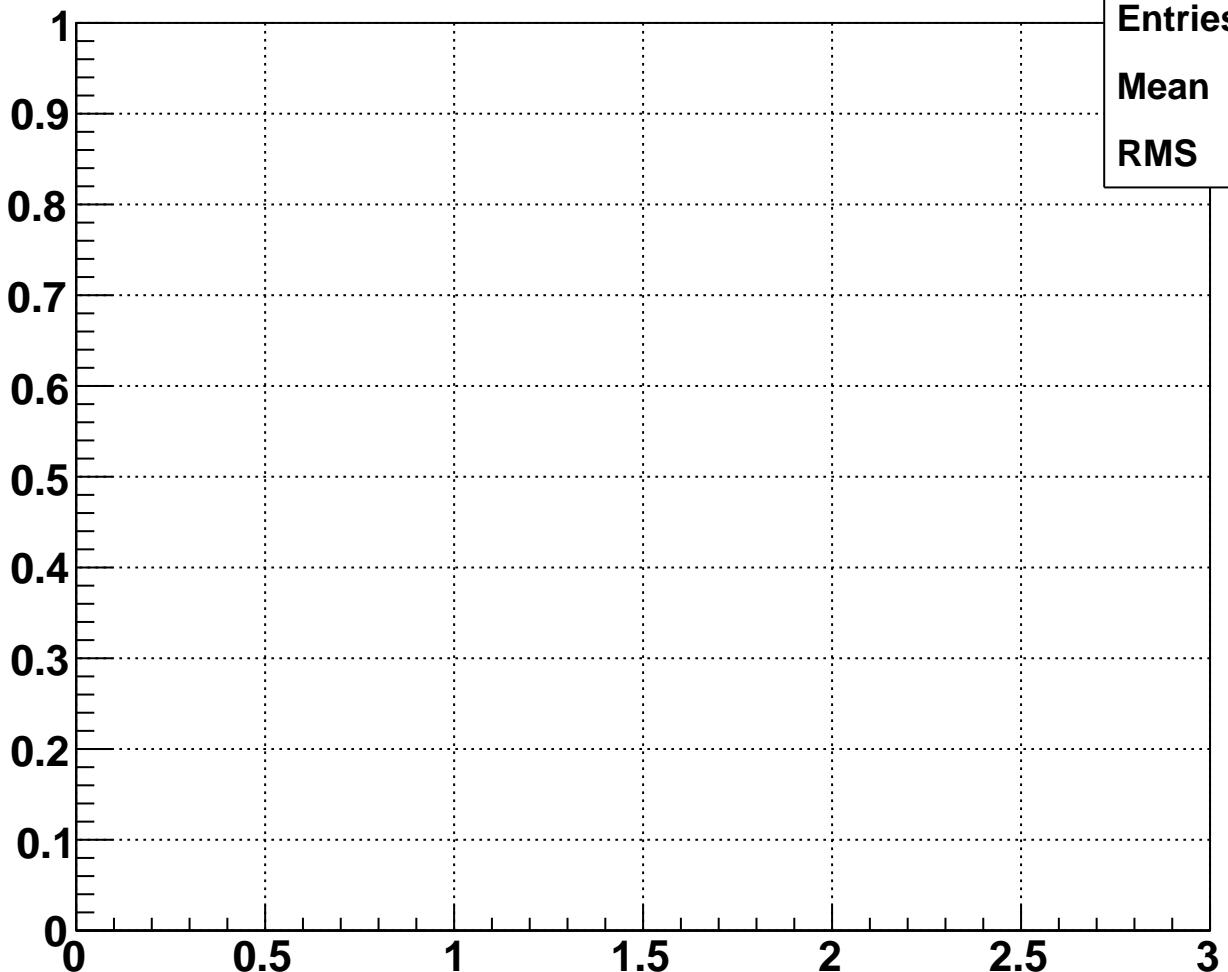
FST - Max time bin (ZS), RDO1_ARM2_PORT0_SEC0

maxTB_ZS_Section_8
Entries 9991
Mean 2
RMS 0



FST - Max time bin (ZS), RDO1_ARM2_PORT0_SEC1

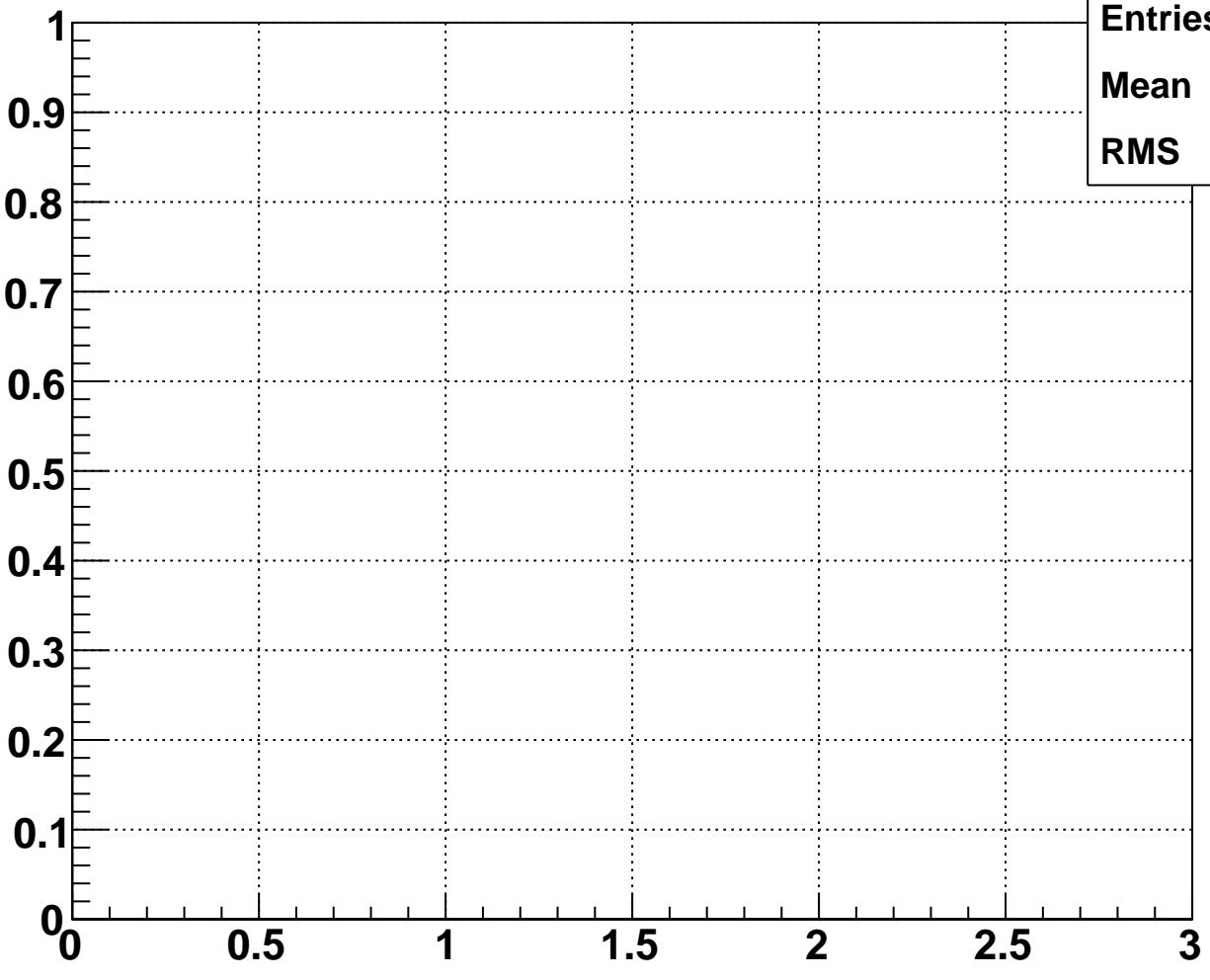
maxTB_ZS_Section_9



Entries	4877
Mean	0
RMS	0

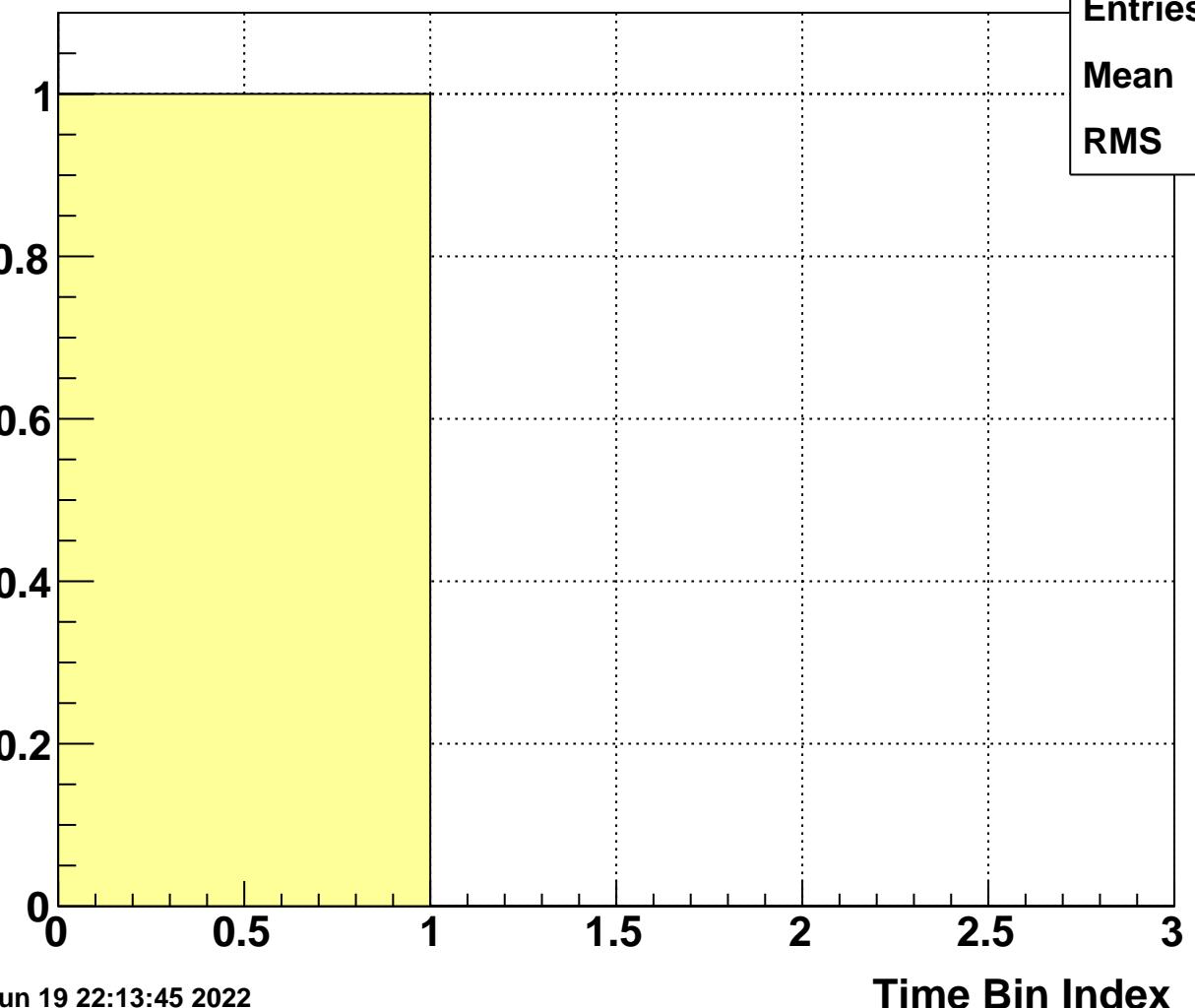
FST - Max time bin (ZS), RDO1_ARM2_PORT1_SEC0

maxTB_ZS_Section_10	
Entries	2696
Mean	0
RMS	0



FST - Max time bin (ZS), RDO1_ARM2_PORT1_SEC1

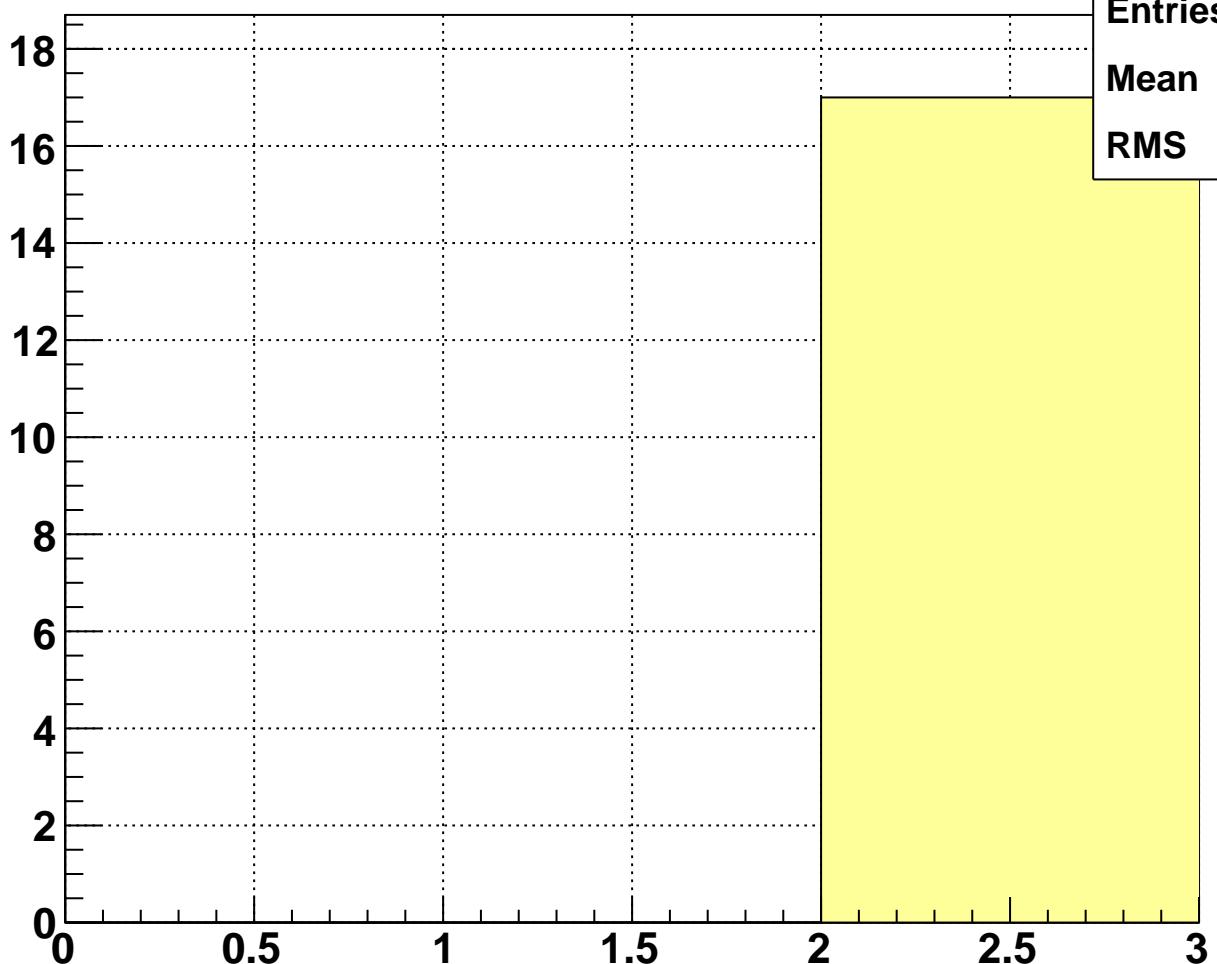
maxTB_ZS_Section_11



Entries	4860
Mean	0
RMS	0

FST - Max time bin (ZS), RDO2_ARM0_PORT0_SEC0

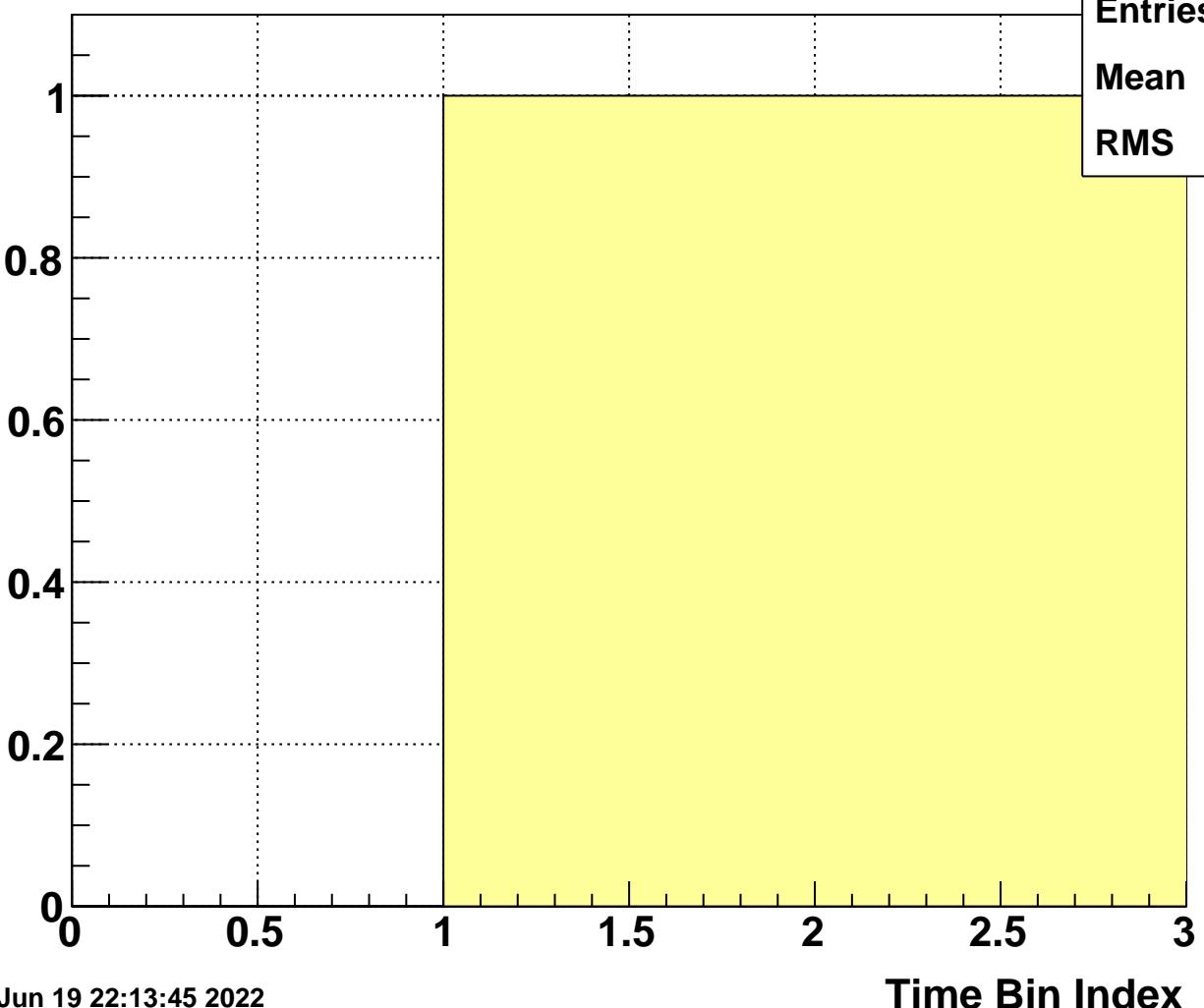
maxTB_ZS_Section_12



Entries	10191
Mean	2
RMS	0

FST - Max time bin (ZS), RDO2_ARM0_PORT0_SEC1

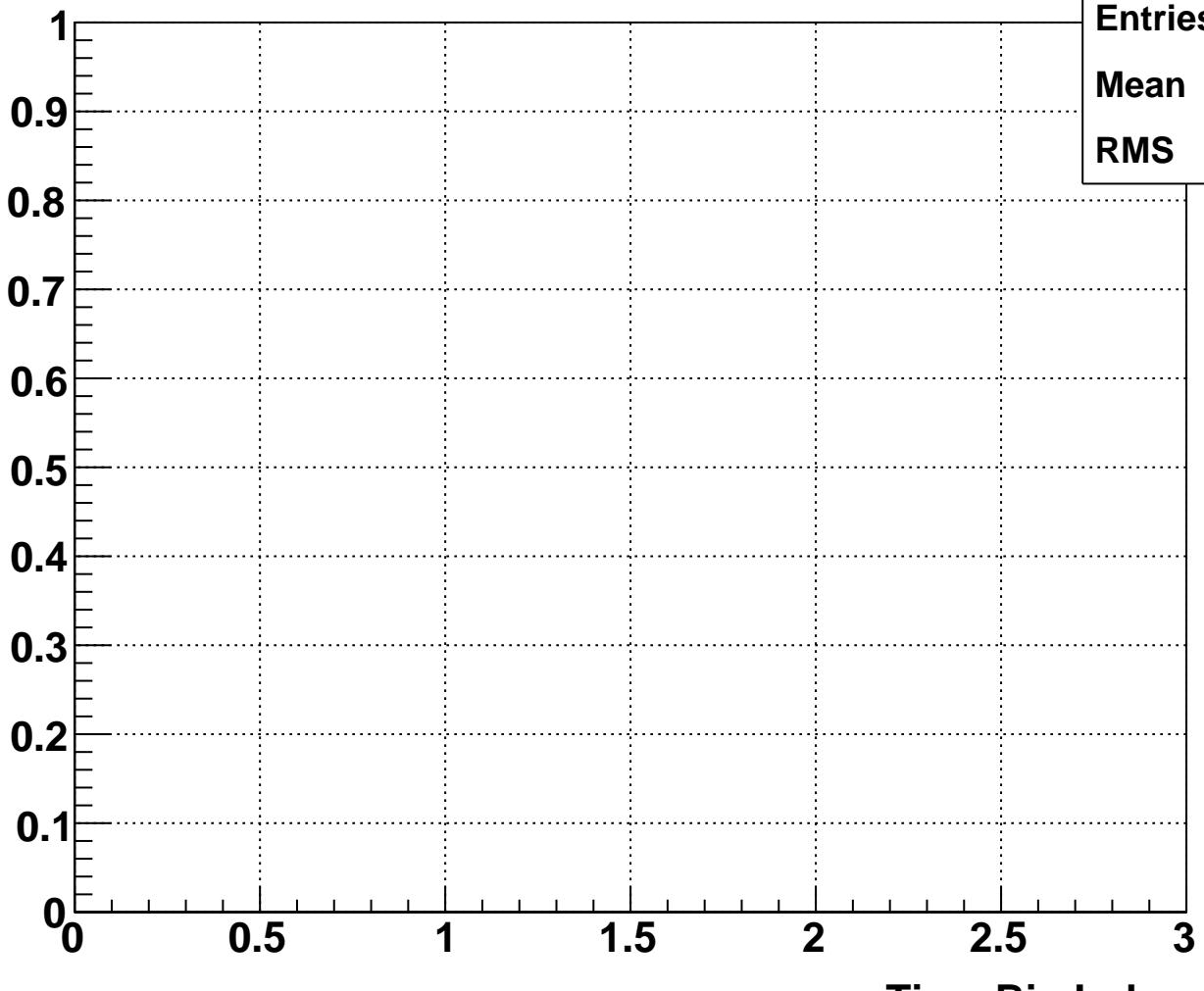
maxTB_ZS_Section_13



Entries 4310
Mean 1.5
RMS 0.5

FST - Max time bin (ZS), RDO2_ARM0_PORT1_SEC0

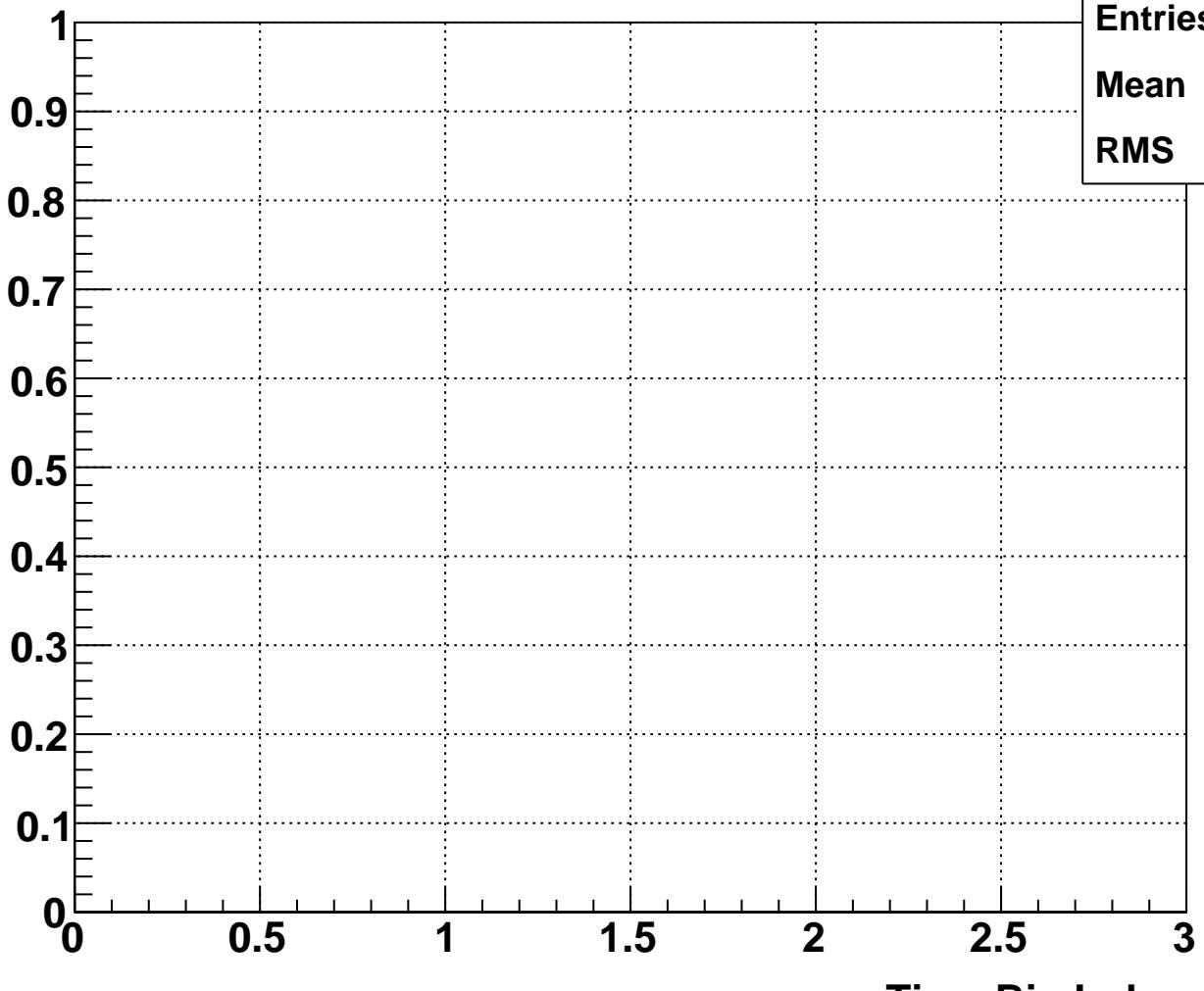
maxTB_ZS_Section_14



Entries	10781
Mean	0
RMS	0

FST - Max time bin (ZS), RDO2_ARM0_PORT1_SEC1

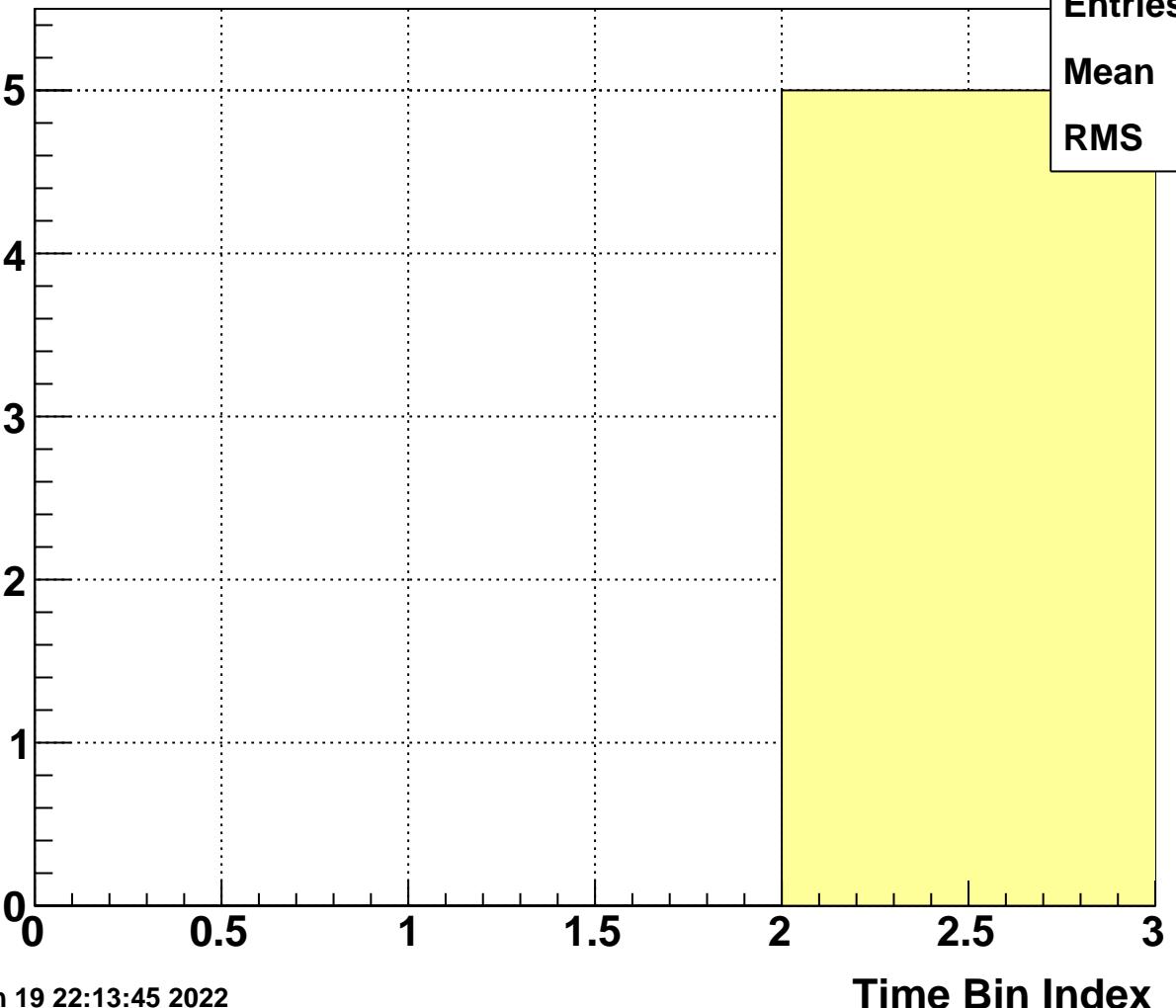
maxTB_ZS_Section_15



Entries	5116
Mean	0
RMS	0

FST - Max time bin (ZS), RDO2_ARM1_PORT0_SEC0

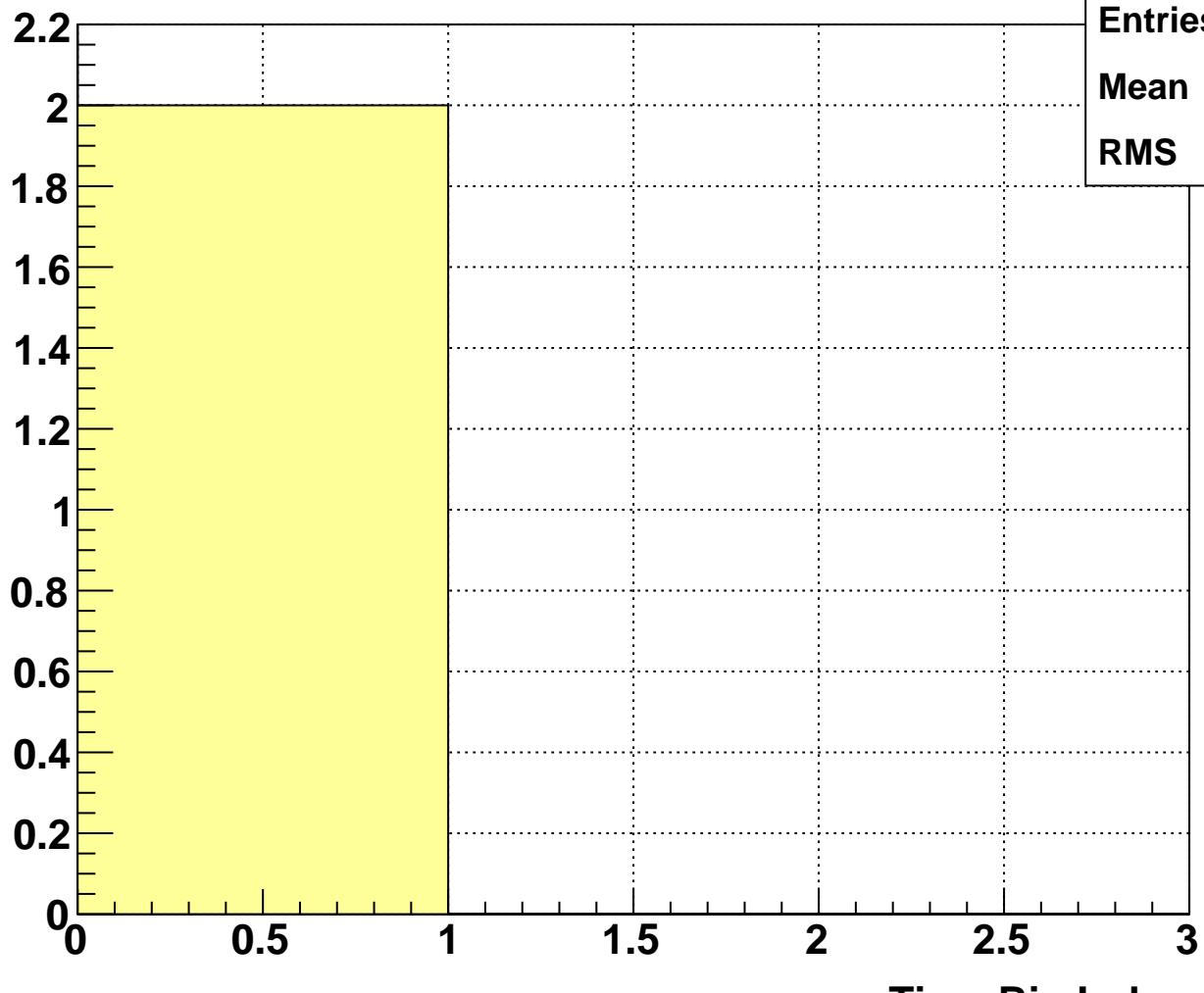
maxTB_ZS_Section_16



Entries 11540
Mean 2
RMS 0

FST - Max time bin (ZS), RDO2_ARM1_PORT0_SEC1

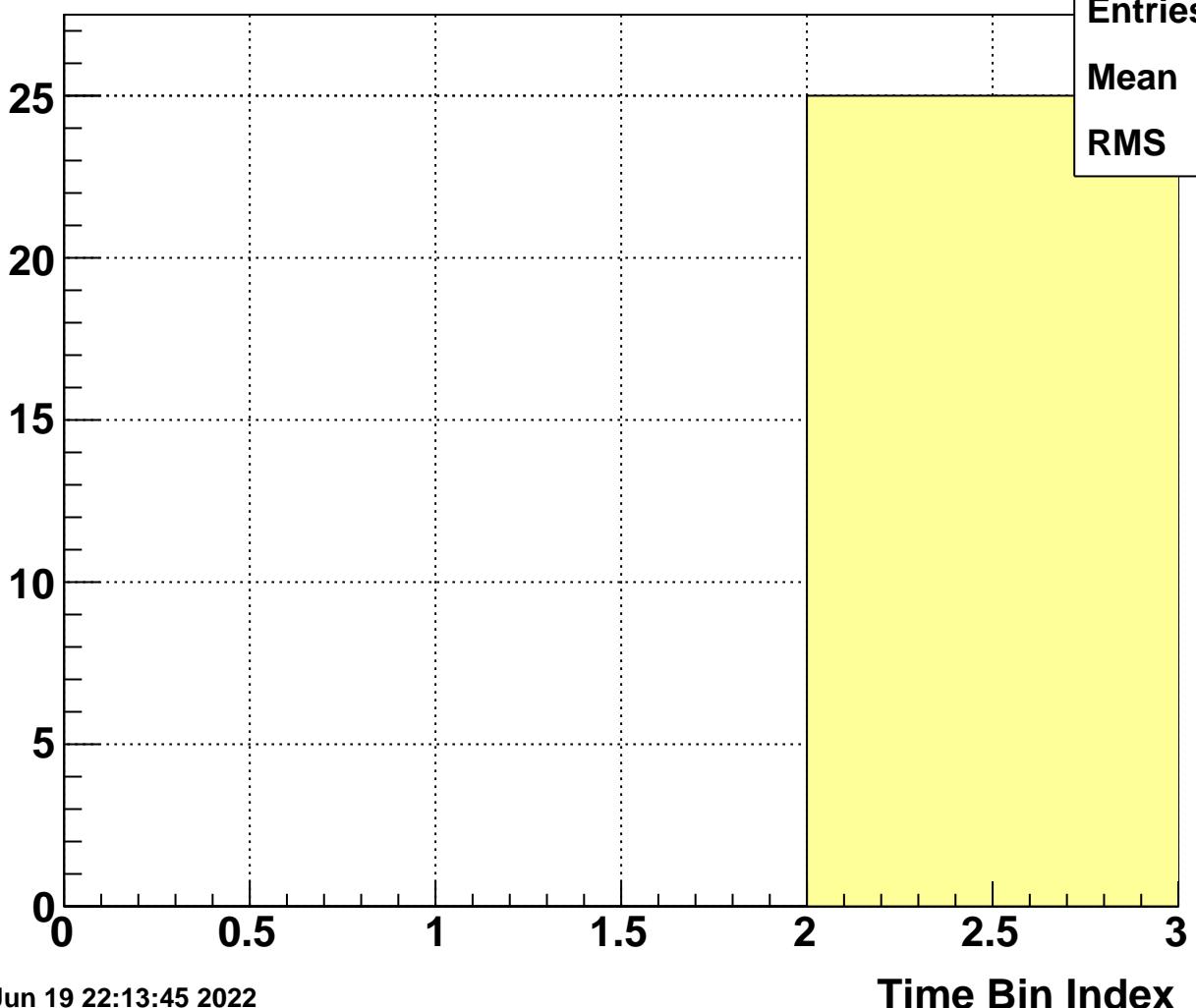
maxTB_ZS_Section_17



Entries	5538
Mean	0
RMS	0

FST - Max time bin (ZS), RDO2_ARM1_PORT1_SEC0

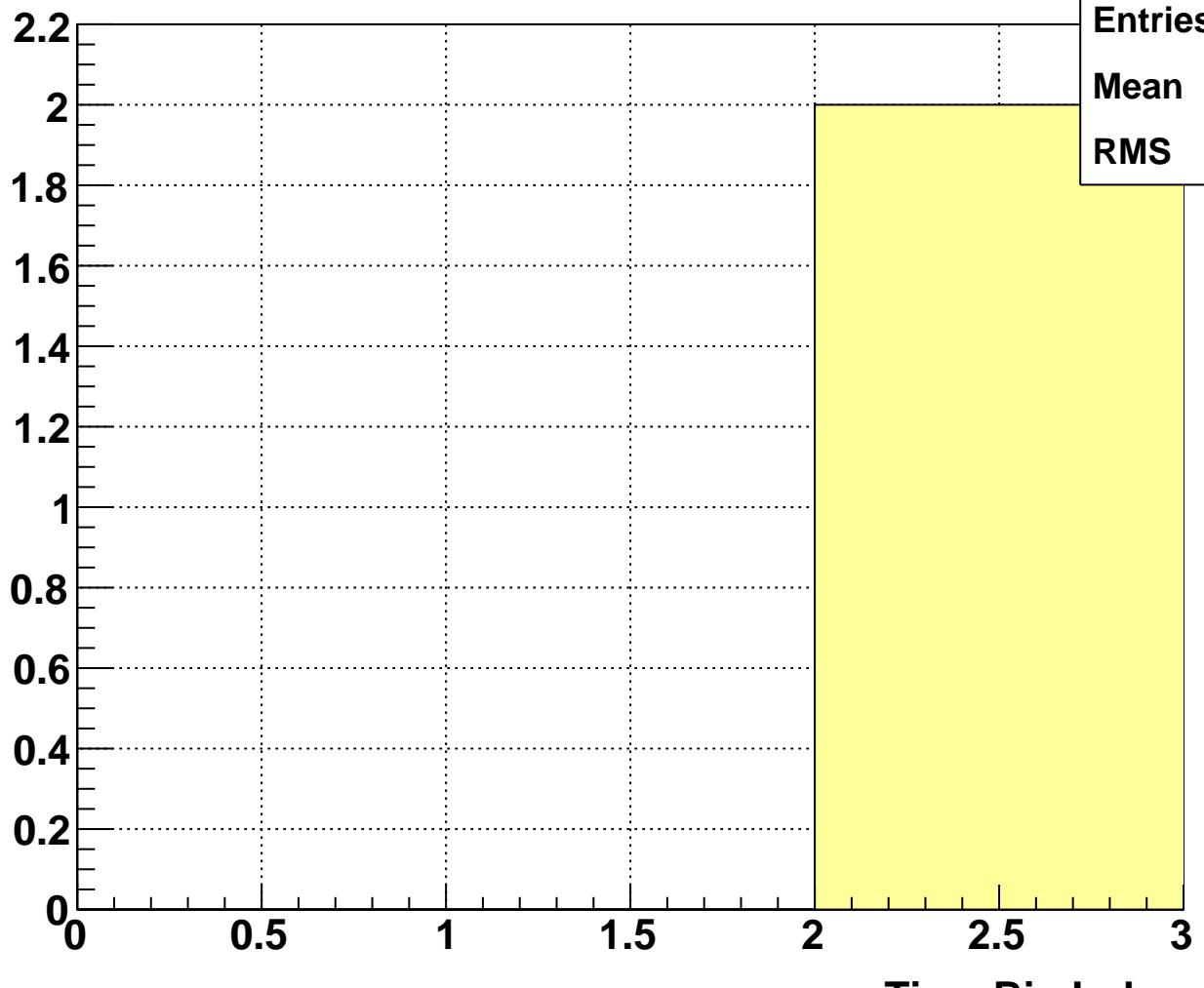
maxTB_ZS_Section_18



Entries 11392
Mean 2
RMS 0

FST - Max time bin (ZS), RDO2_ARM1_PORT1_SEC1

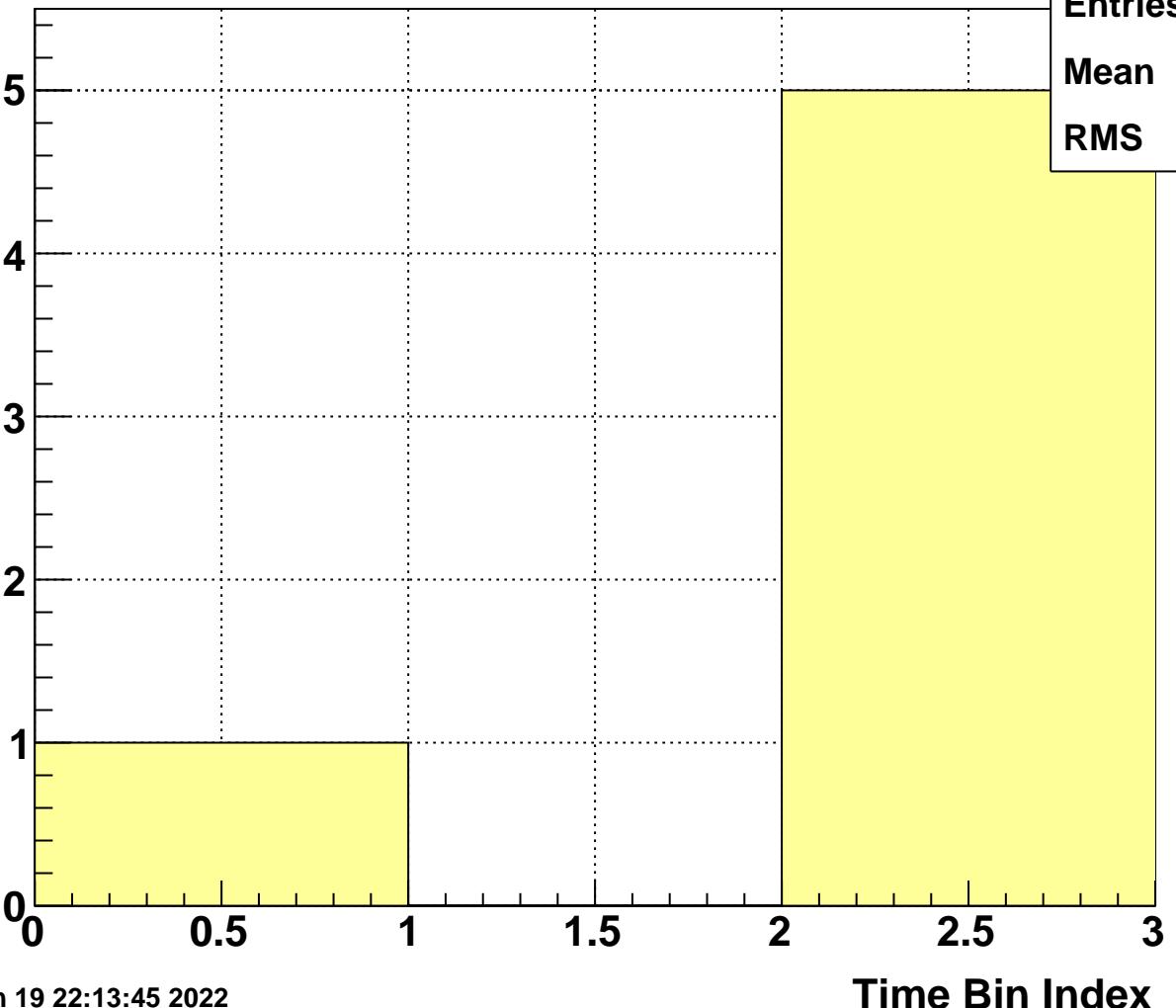
maxTB_ZS_Section_19



Entries 6293
Mean 2
RMS 0

FST - Max time bin (ZS), RDO2_ARM2_PORT0_SEC0

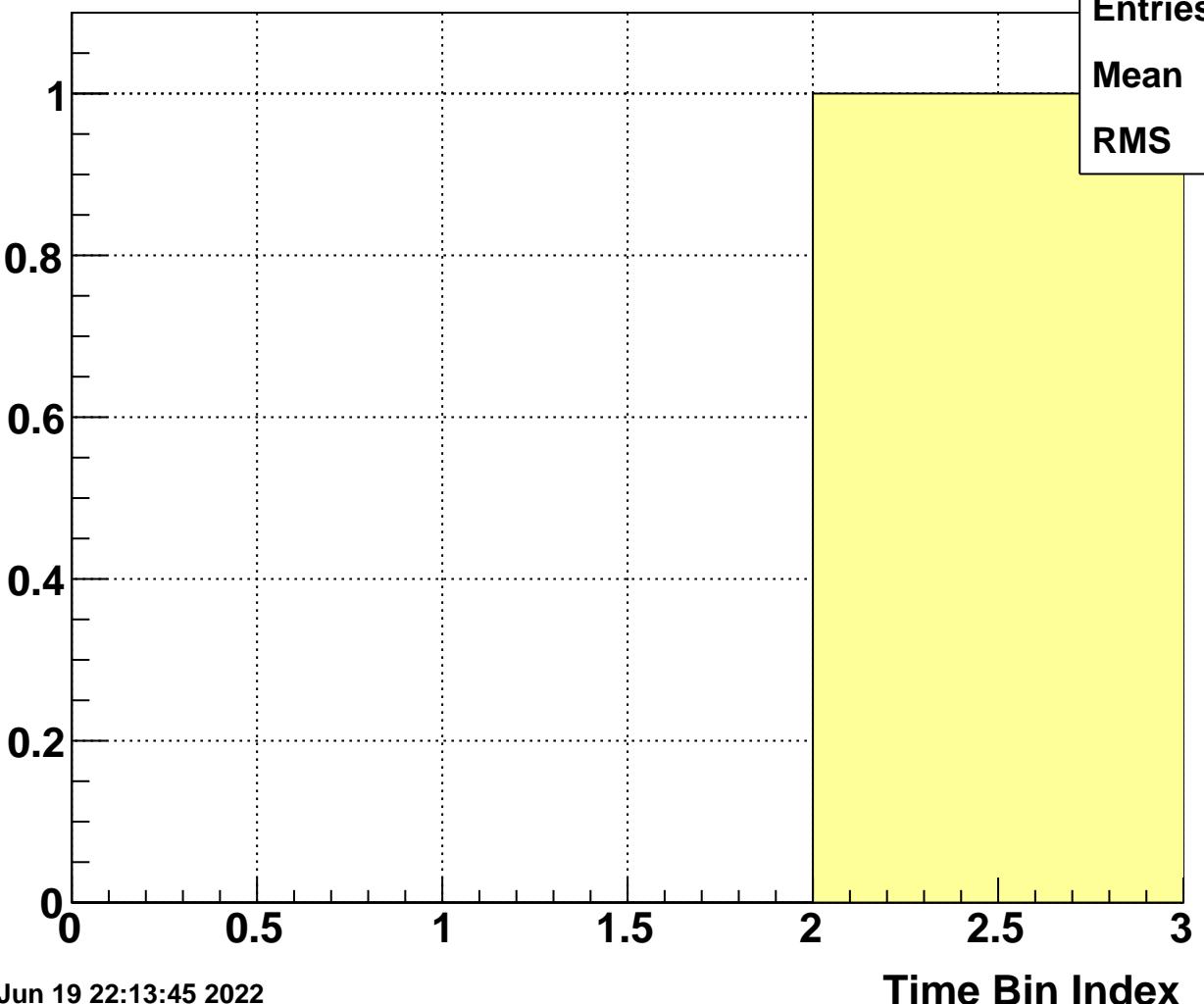
maxTB_ZS_Section_20



Entries 12229
Mean 1.667
RMS 0.7454

FST - Max time bin (ZS), RDO2_ARM2_PORT0_SEC1

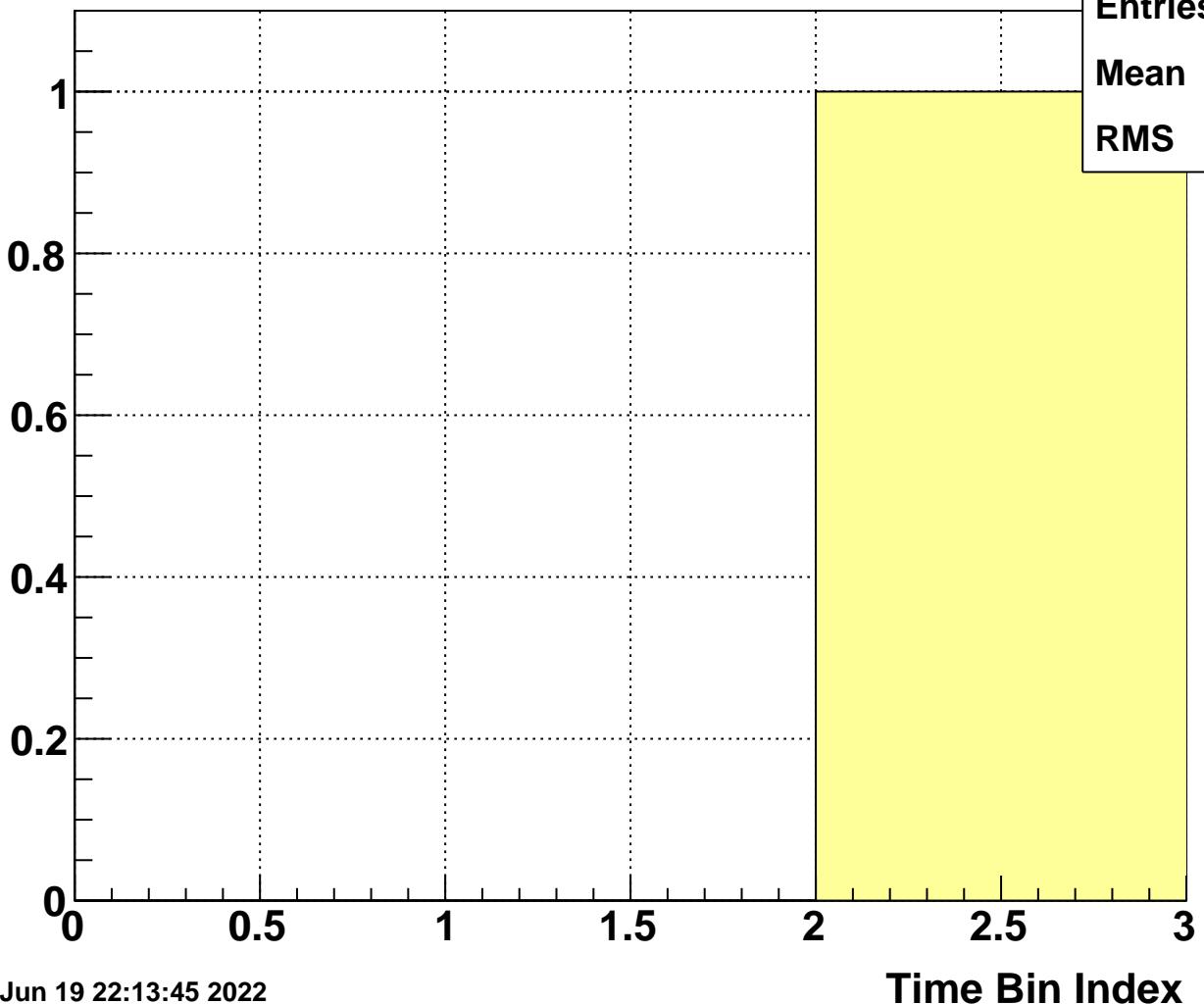
maxTB_ZS_Section_21	
Entries	4959
Mean	2
RMS	0



FST - Max time bin (ZS), RDO2_ARM2_PORT1_SEC0

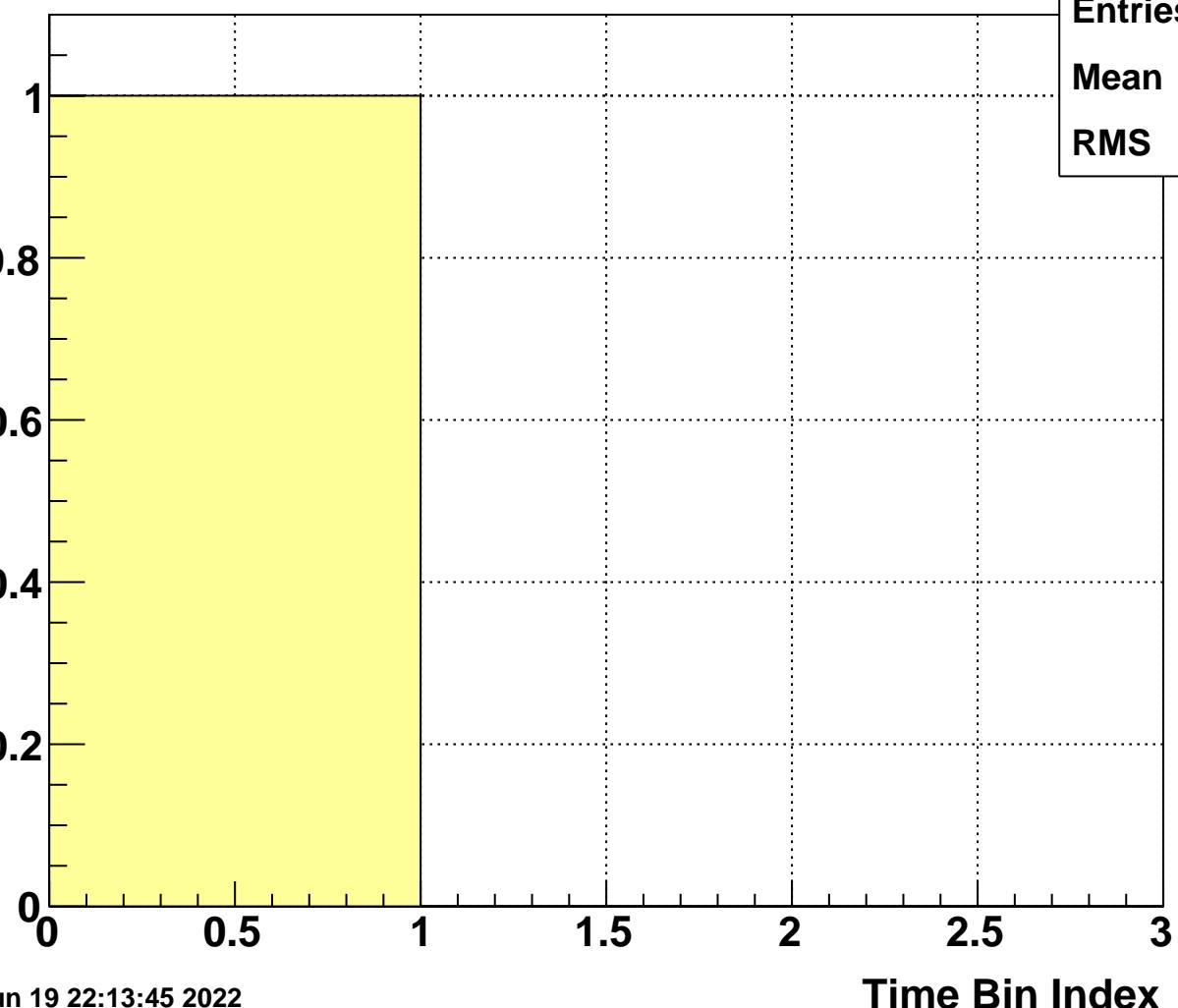
maxTB_ZS_Section_22

Entries 11184
Mean 2
RMS 0



FST - Max time bin (ZS), RDO2_ARM2_PORT1_SEC1

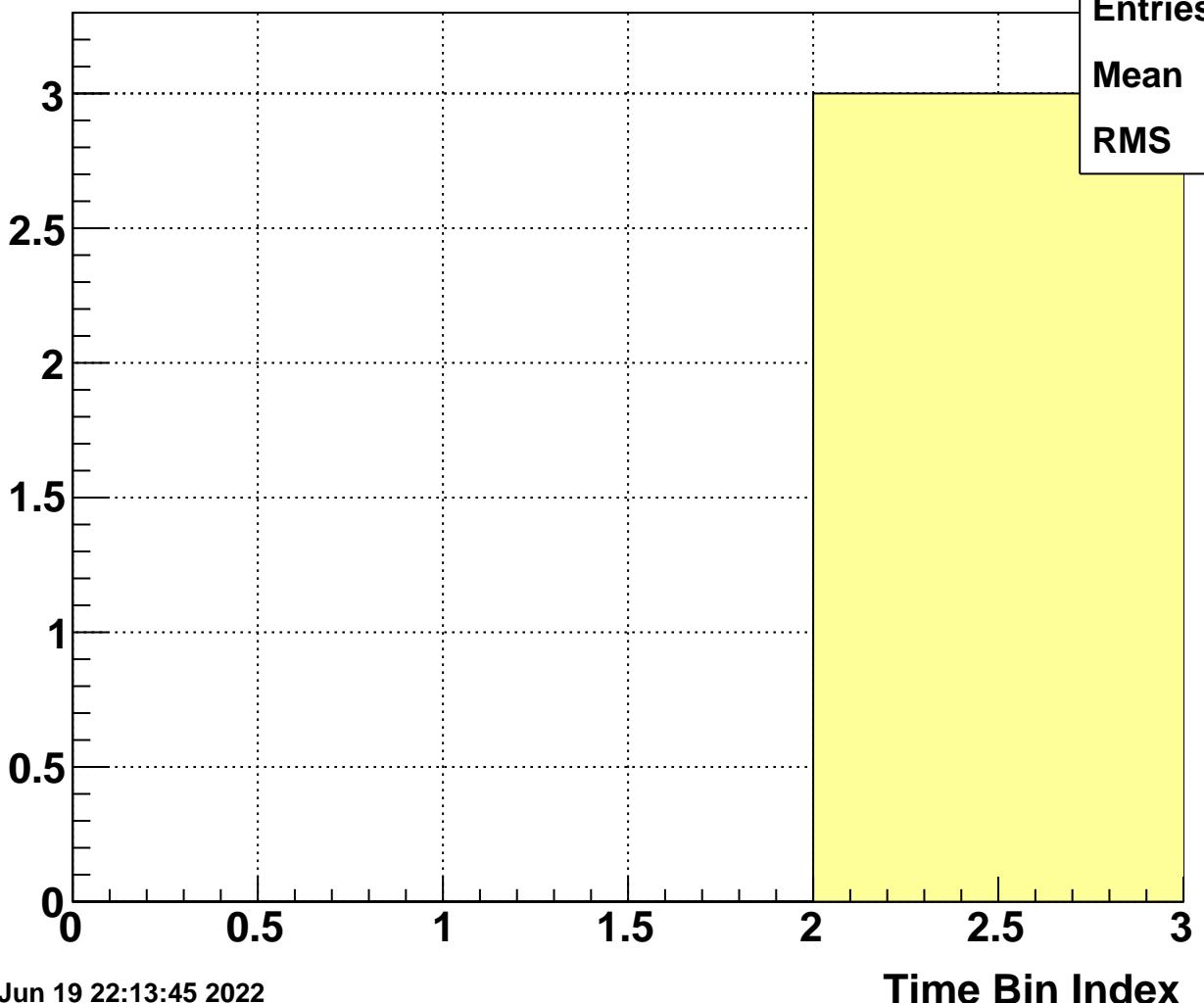
maxTB_ZS_Section_23



Entries	4532
Mean	0
RMS	0

FST - Max time bin (ZS), RDO3_ARM0_PORT0_SEC0

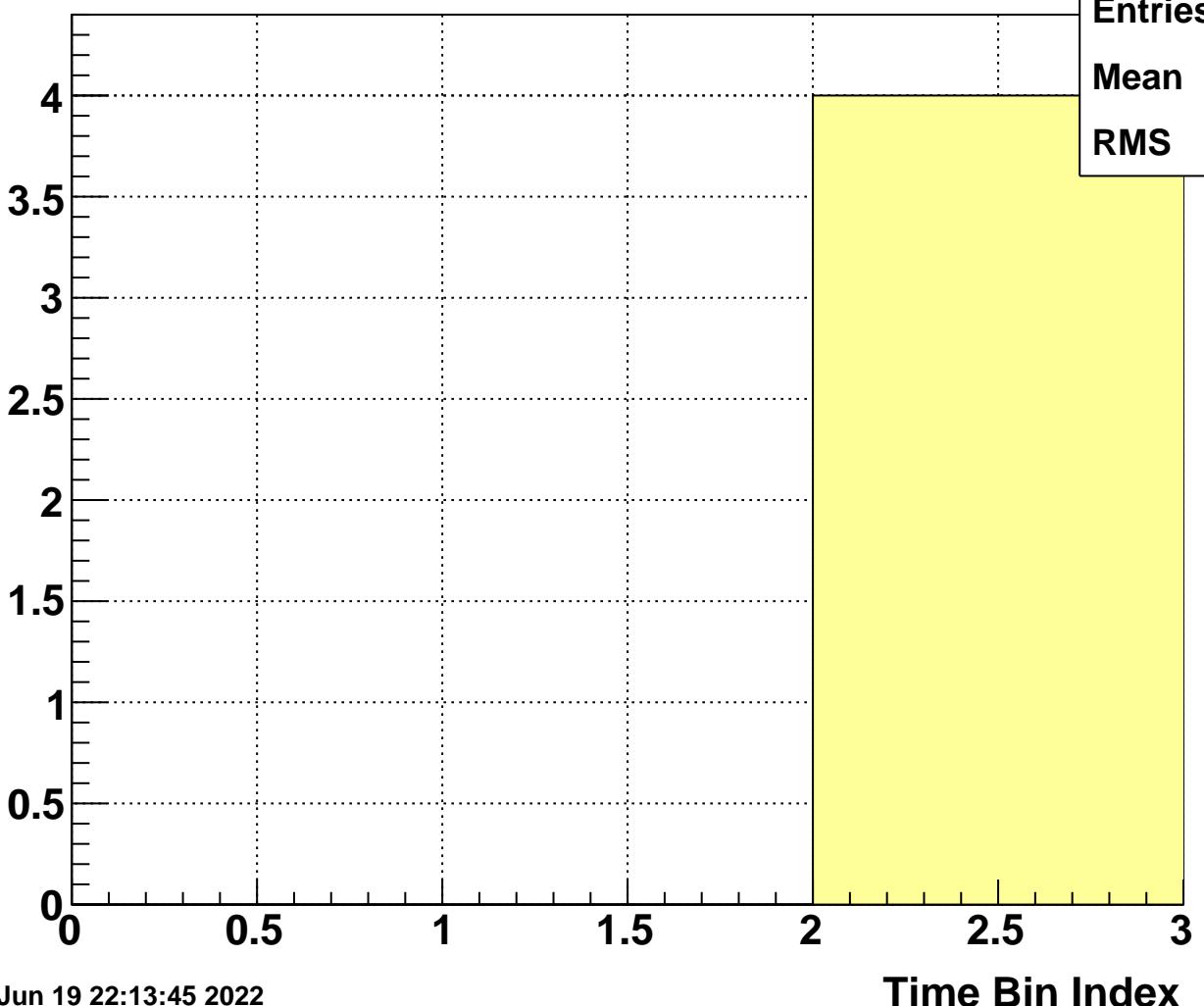
maxTB_ZS_Section_24



Entries 11774
Mean 2
RMS 0

FST - Max time bin (ZS), RDO3_ARM0_PORT0_SEC1

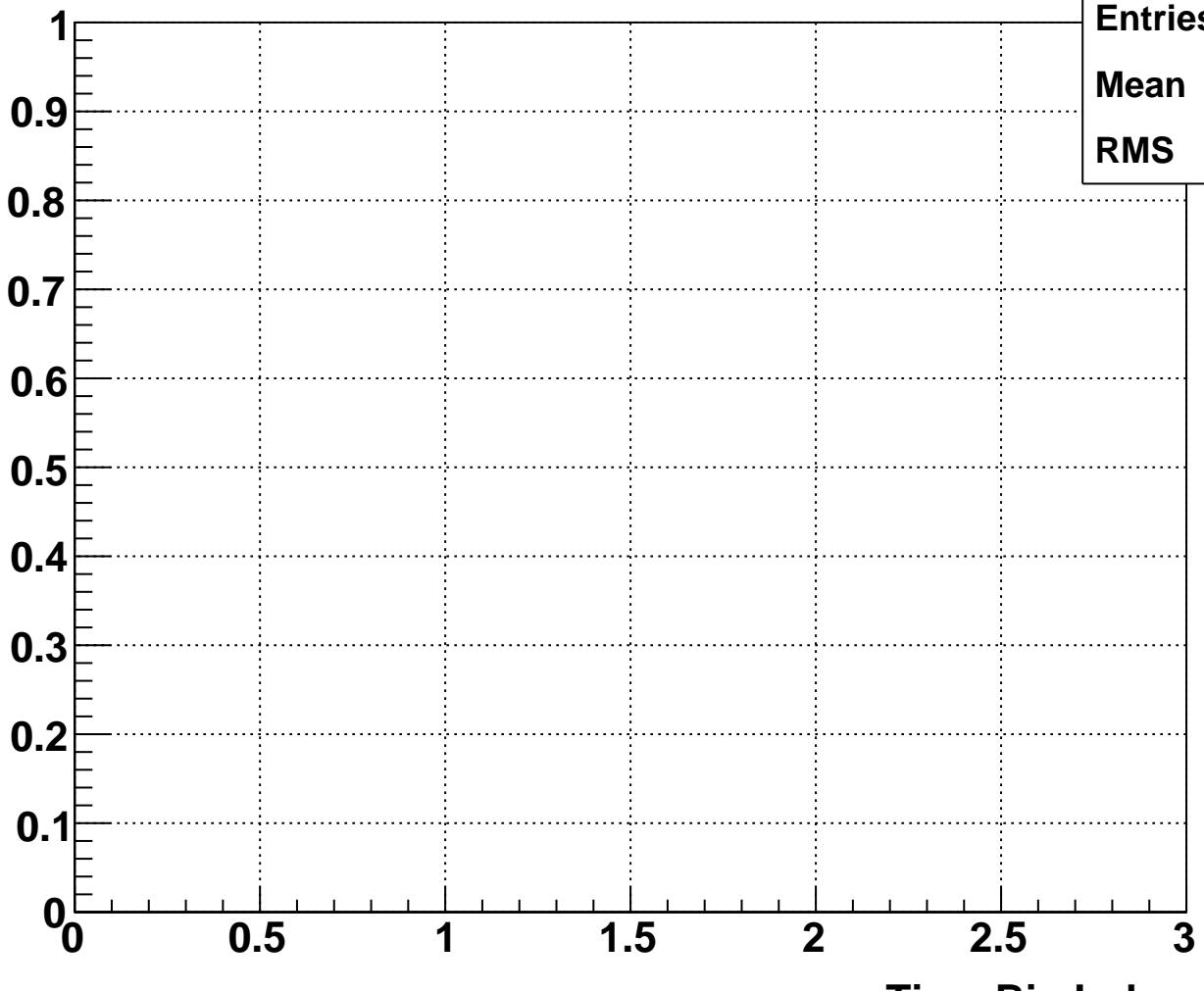
maxTB_ZS_Section_25



Entries	5977
Mean	2
RMS	0

FST - Max time bin (ZS), RDO3_ARM0_PORT1_SEC0

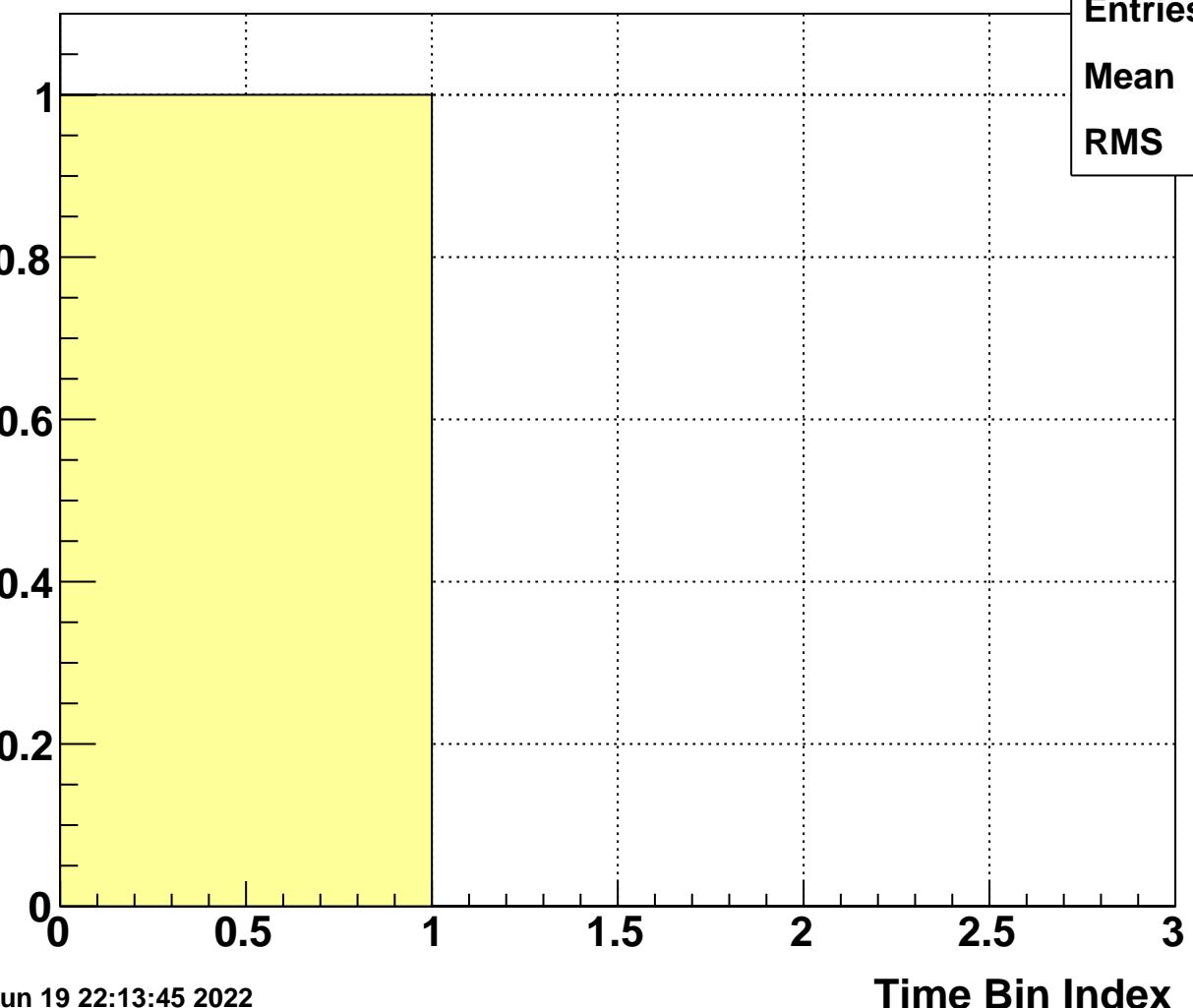
maxTB_ZS_Section_26



Entries 11805
Mean 0
RMS 0

FST - Max time bin (ZS), RDO3_ARM0_PORT1_SEC1

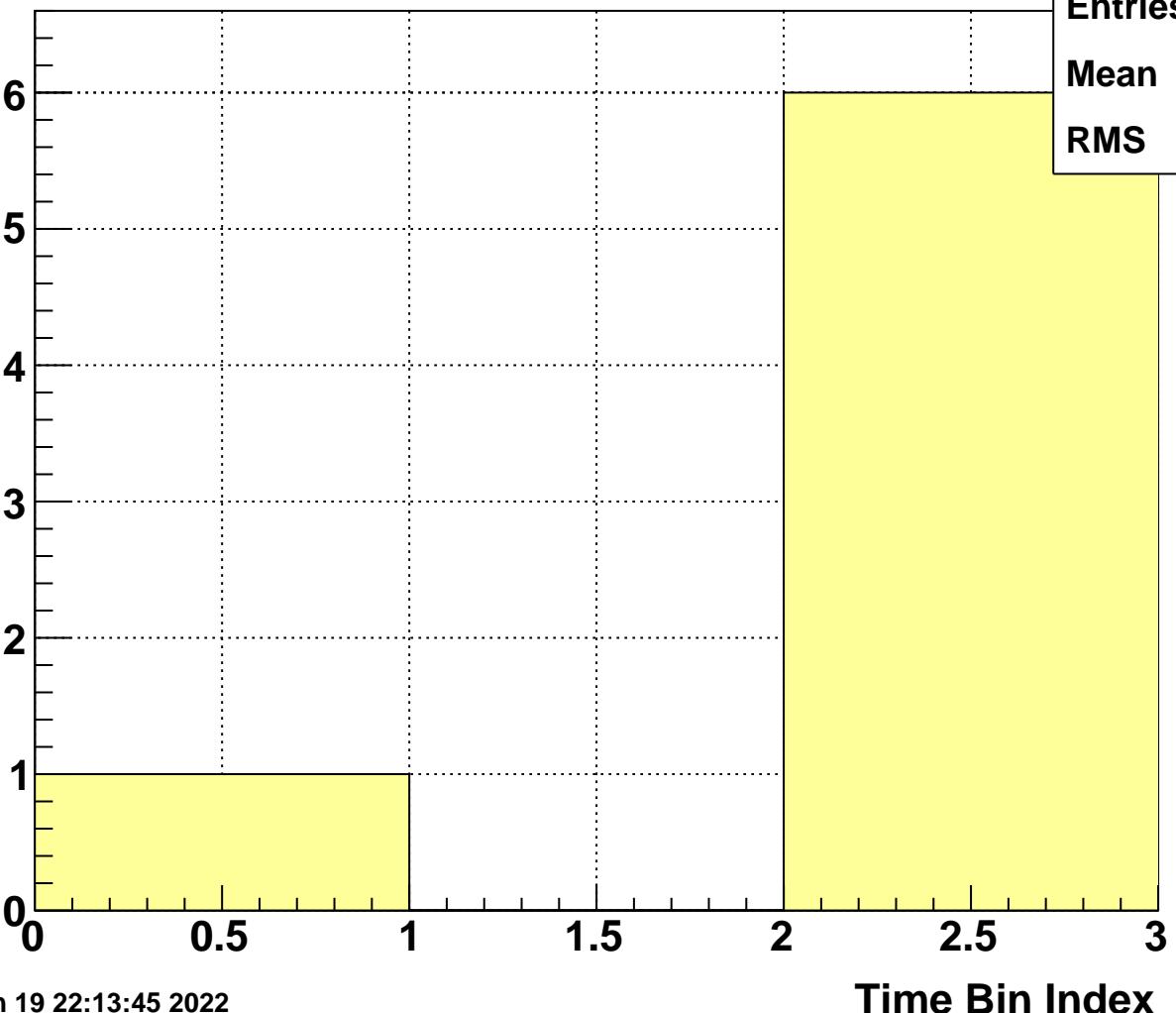
maxTB_ZS_Section_27



Entries	5990
Mean	0
RMS	0

FST - Max time bin (ZS), RDO3_ARM1_PORT0_SEC0

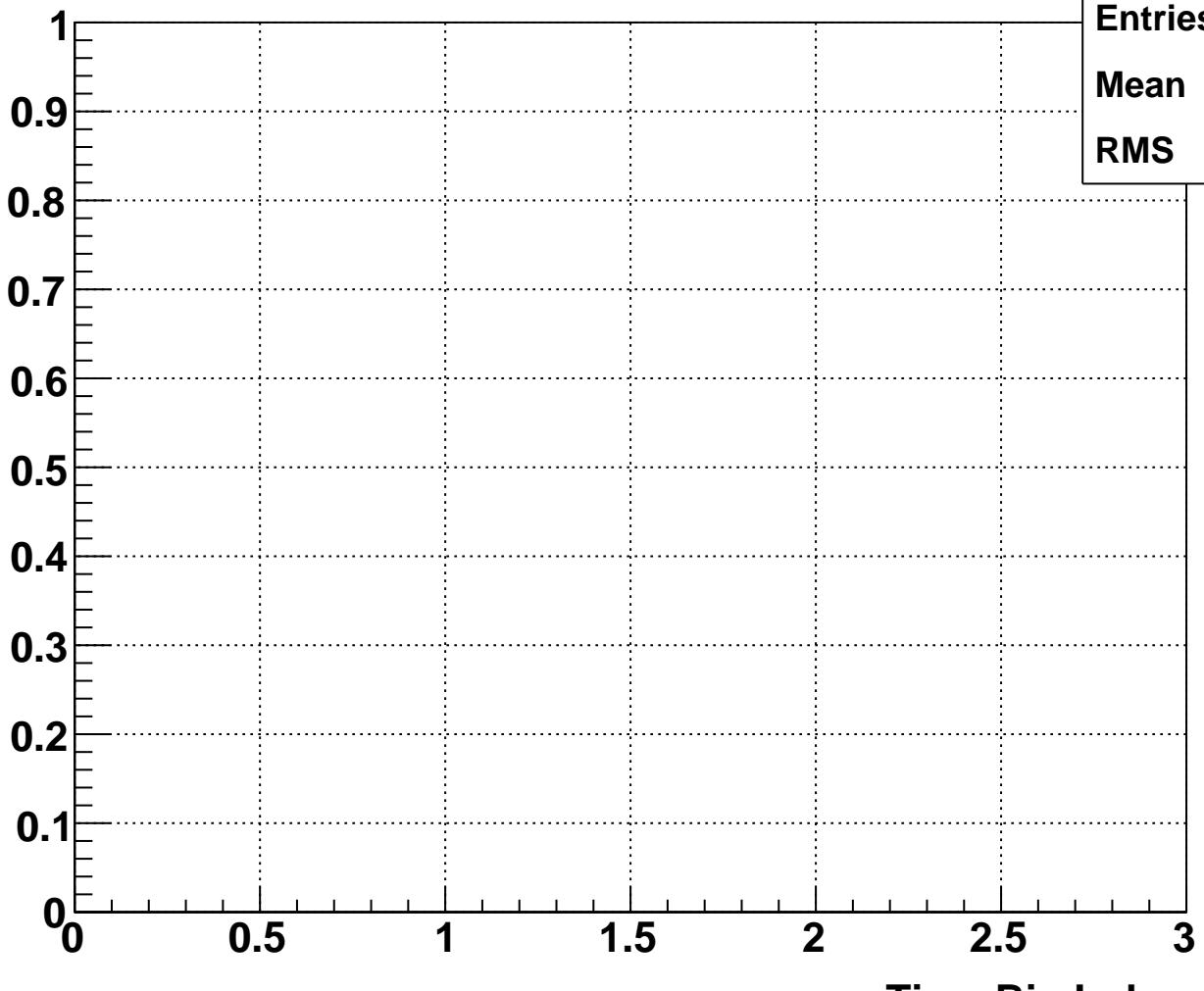
maxTB_ZS_Section_28



Entries 11519
Mean 1.714
RMS 0.6999

FST - Max time bin (ZS), RDO3_ARM1_PORT0_SEC1

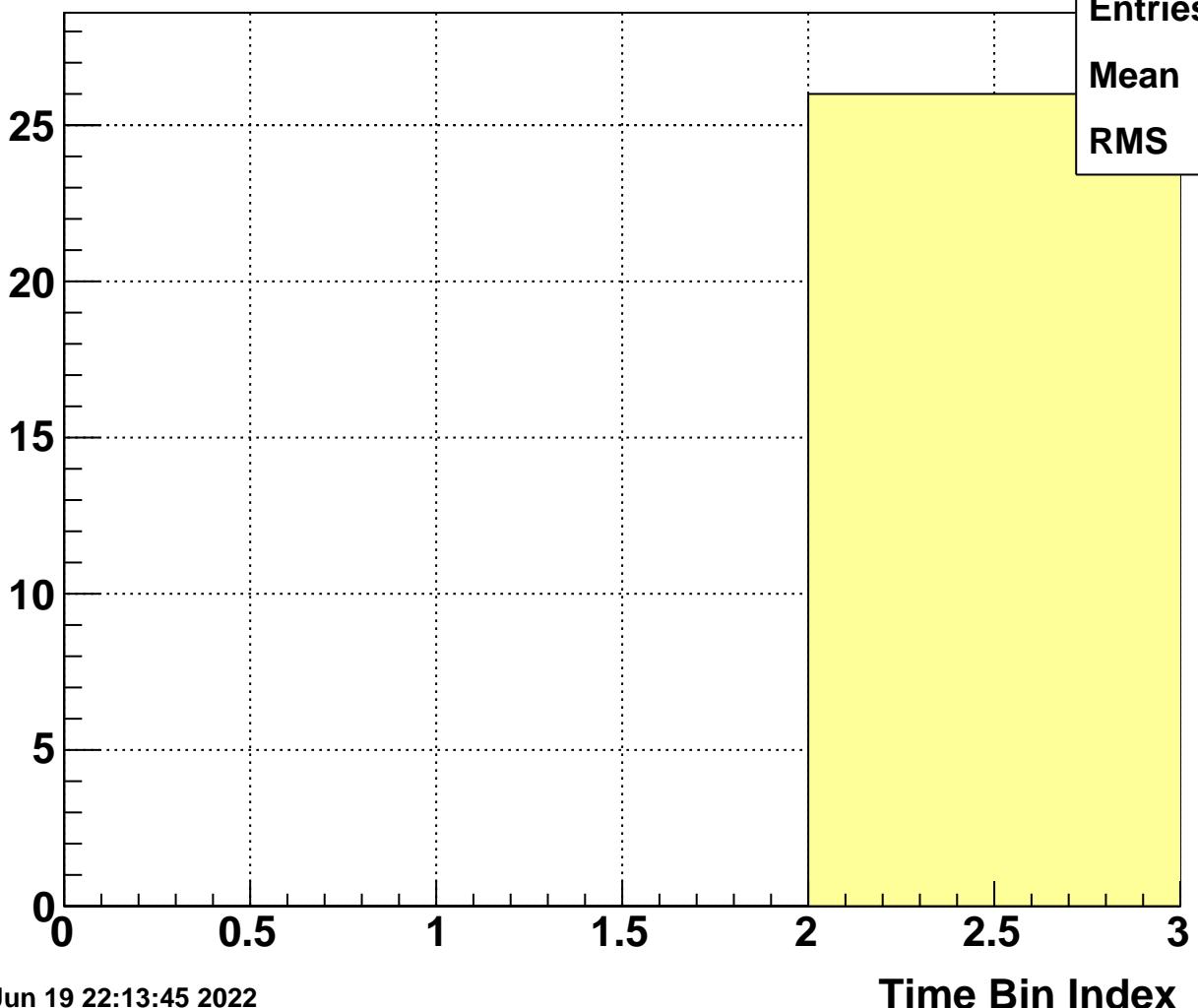
maxTB_ZS_Section_29



Entries	6712
Mean	0
RMS	0

FST - Max time bin (ZS), RDO3_ARM1_PORT1_SEC0

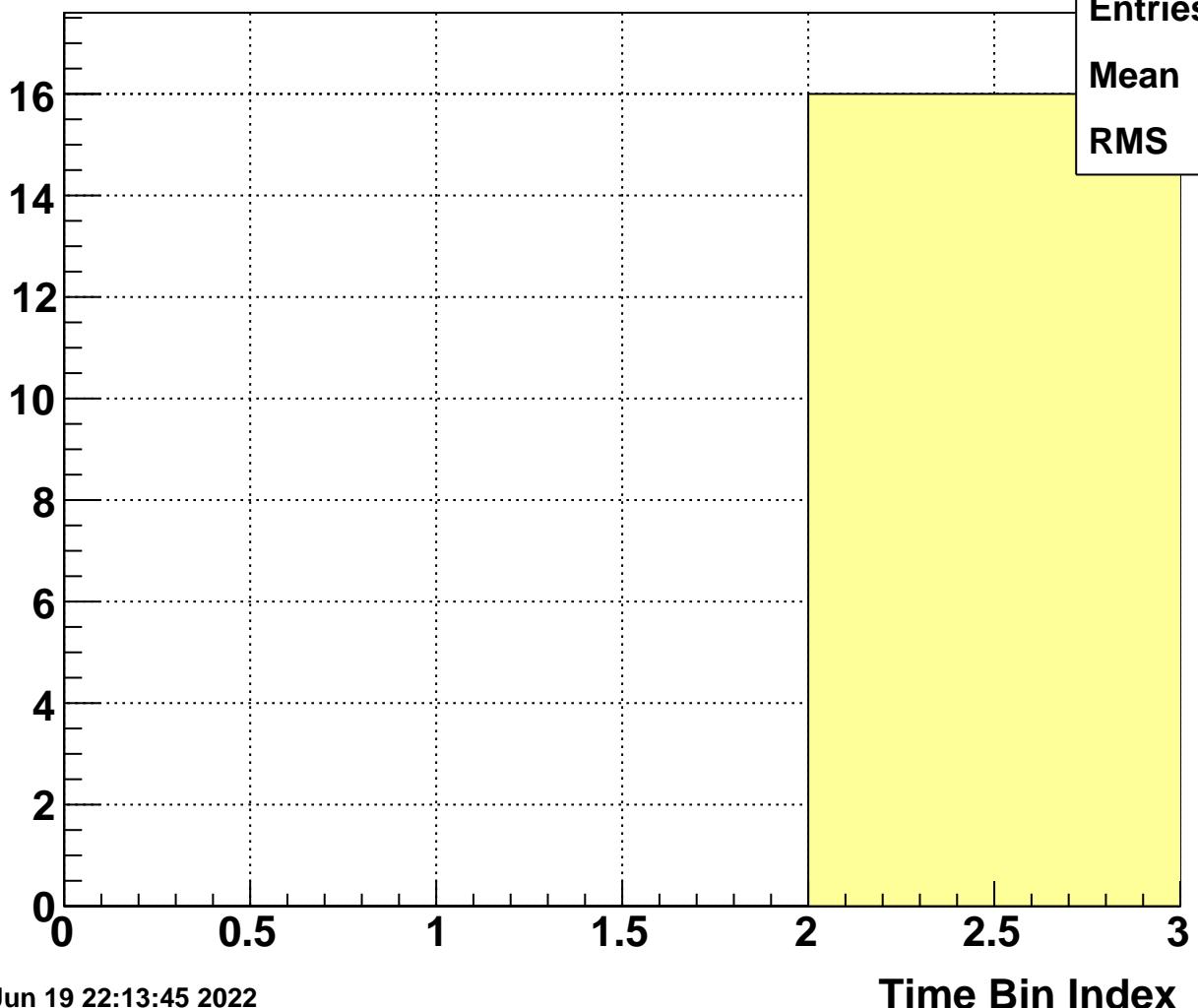
maxTB_ZS_Section_30



Entries 11671
Mean 2
RMS 0

FST - Max time bin (ZS), RDO3_ARM1_PORT1_SEC1

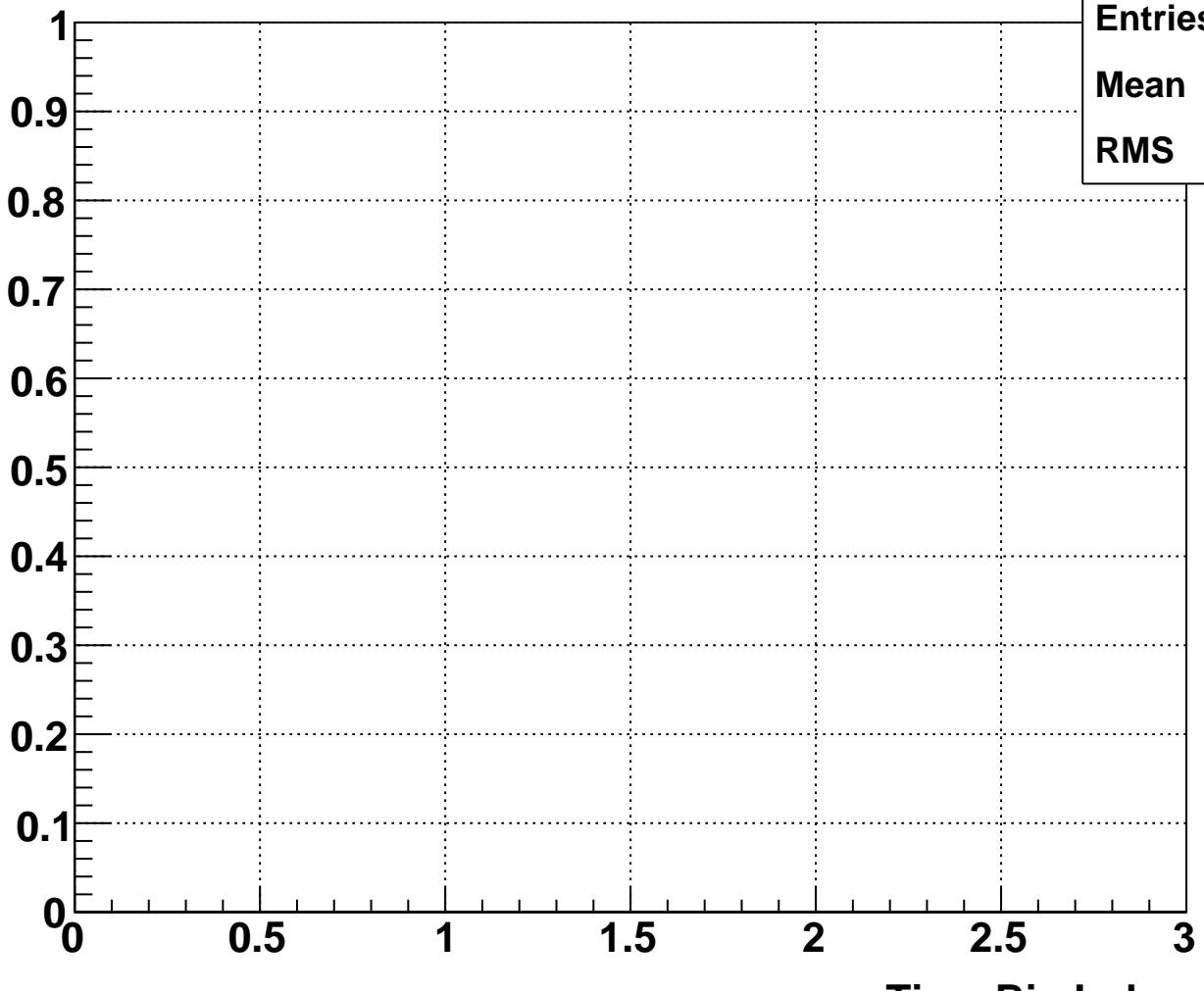
maxTB_ZS_Section_31
Entries 6073
Mean 2
RMS 0



FST - Max time bin (ZS), RDO3_ARM2_PORT0_SEC0

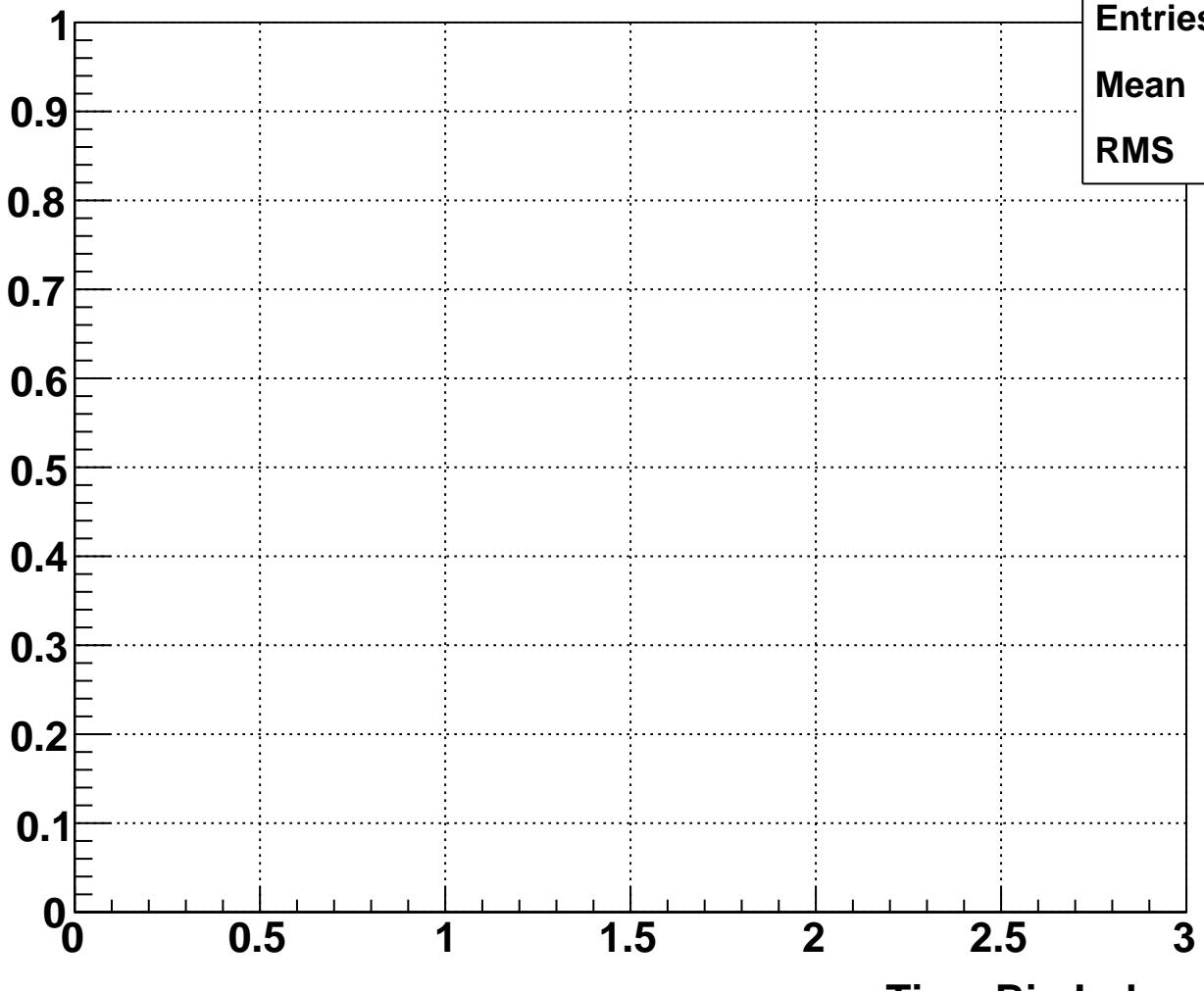
maxTB_ZS_Section_32

Entries 10714
Mean 0
RMS 0



FST - Max time bin (ZS), RDO3_ARM2_PORT0_SEC1

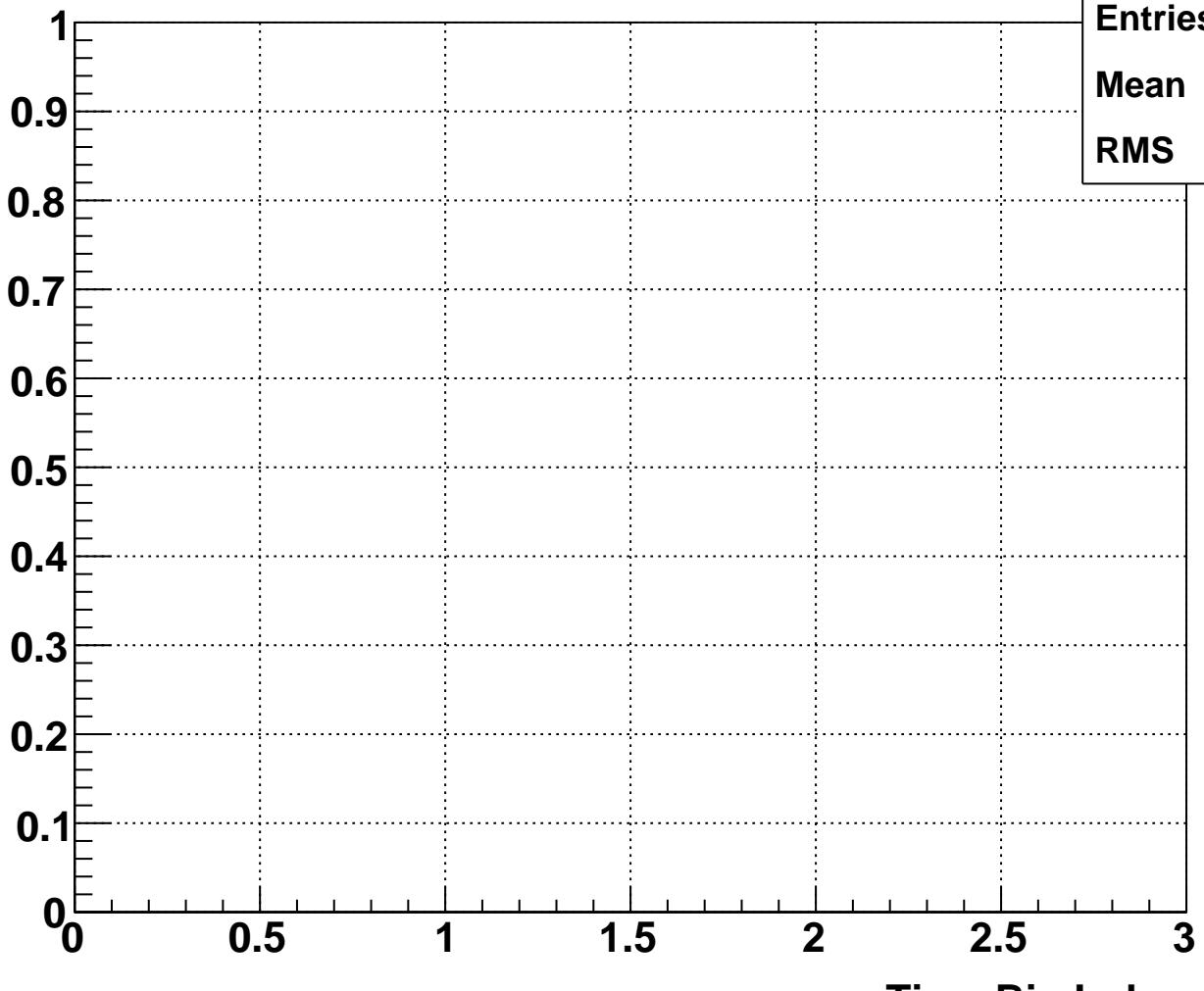
maxTB_ZS_Section_33



Entries	5918
Mean	0
RMS	0

FST - Max time bin (ZS), RDO3_ARM2_PORT1_SEC0

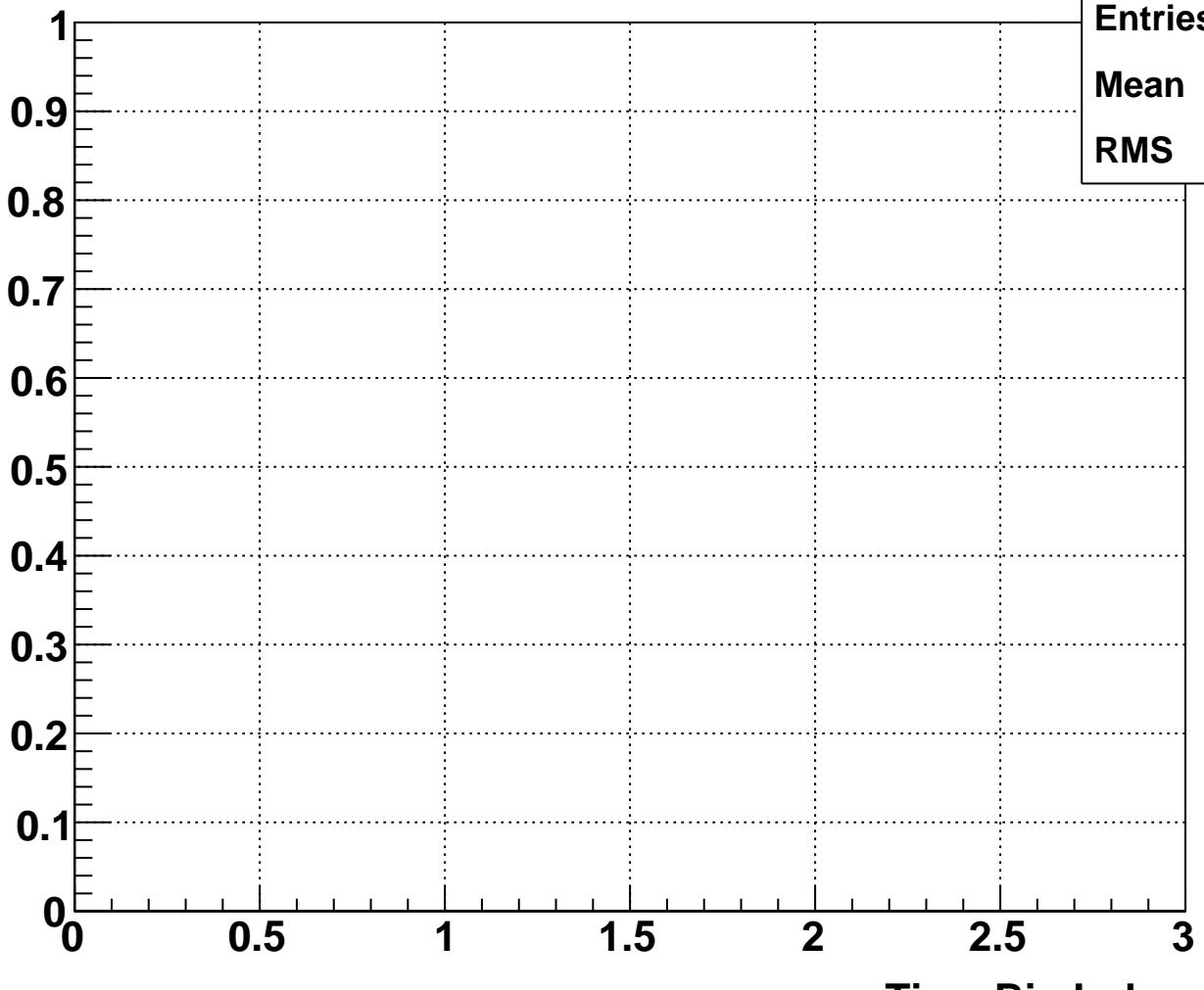
maxTB_ZS_Section_34



Entries 10866
Mean 0
RMS 0

FST - Max time bin (ZS), RDO3_ARM2_PORT1_SEC1

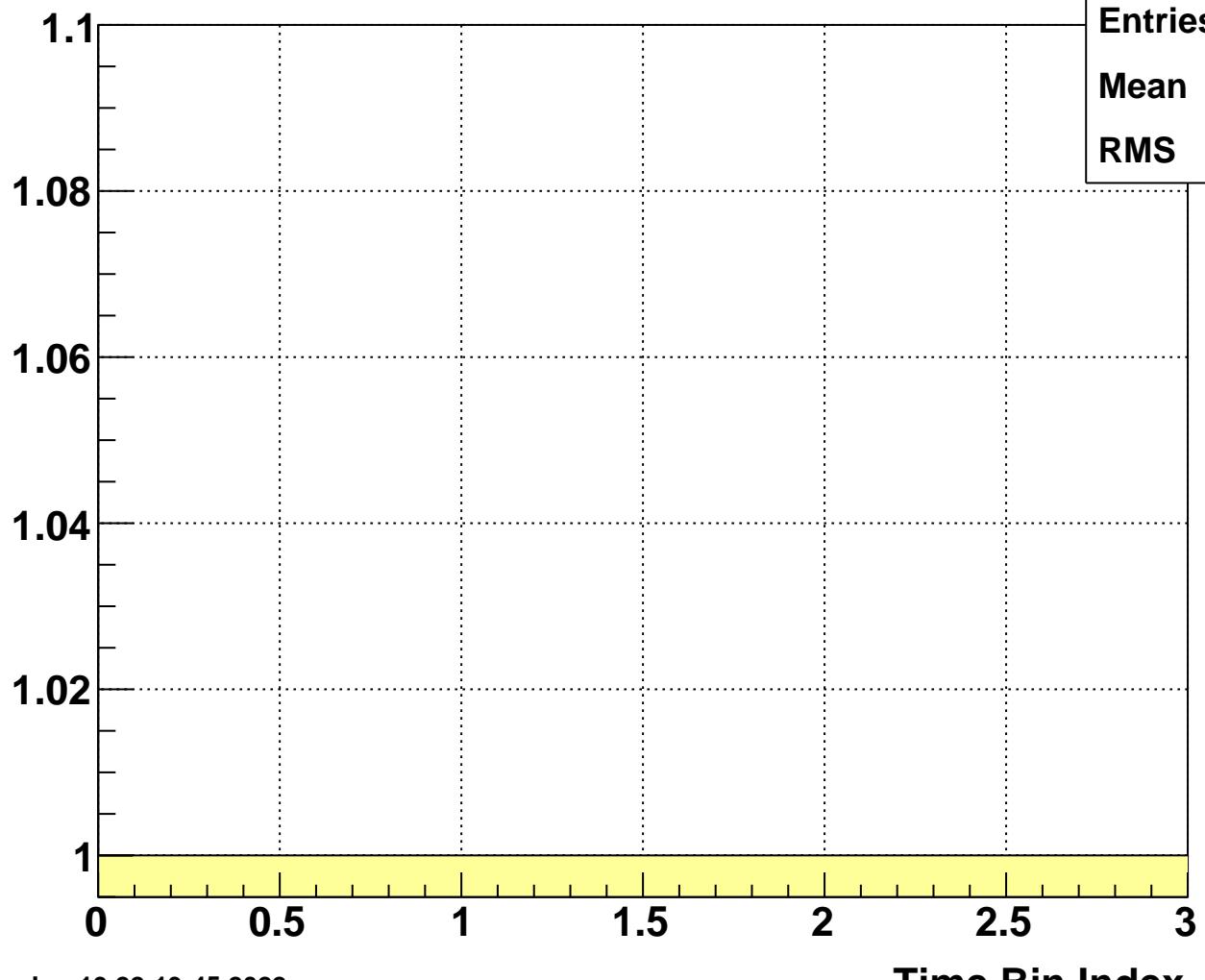
maxTB_ZS_Section_35



Entries	5000
Mean	0
RMS	0

FST - Max time bin (ZS), RDO4_ARM0_PORT0_SEC0

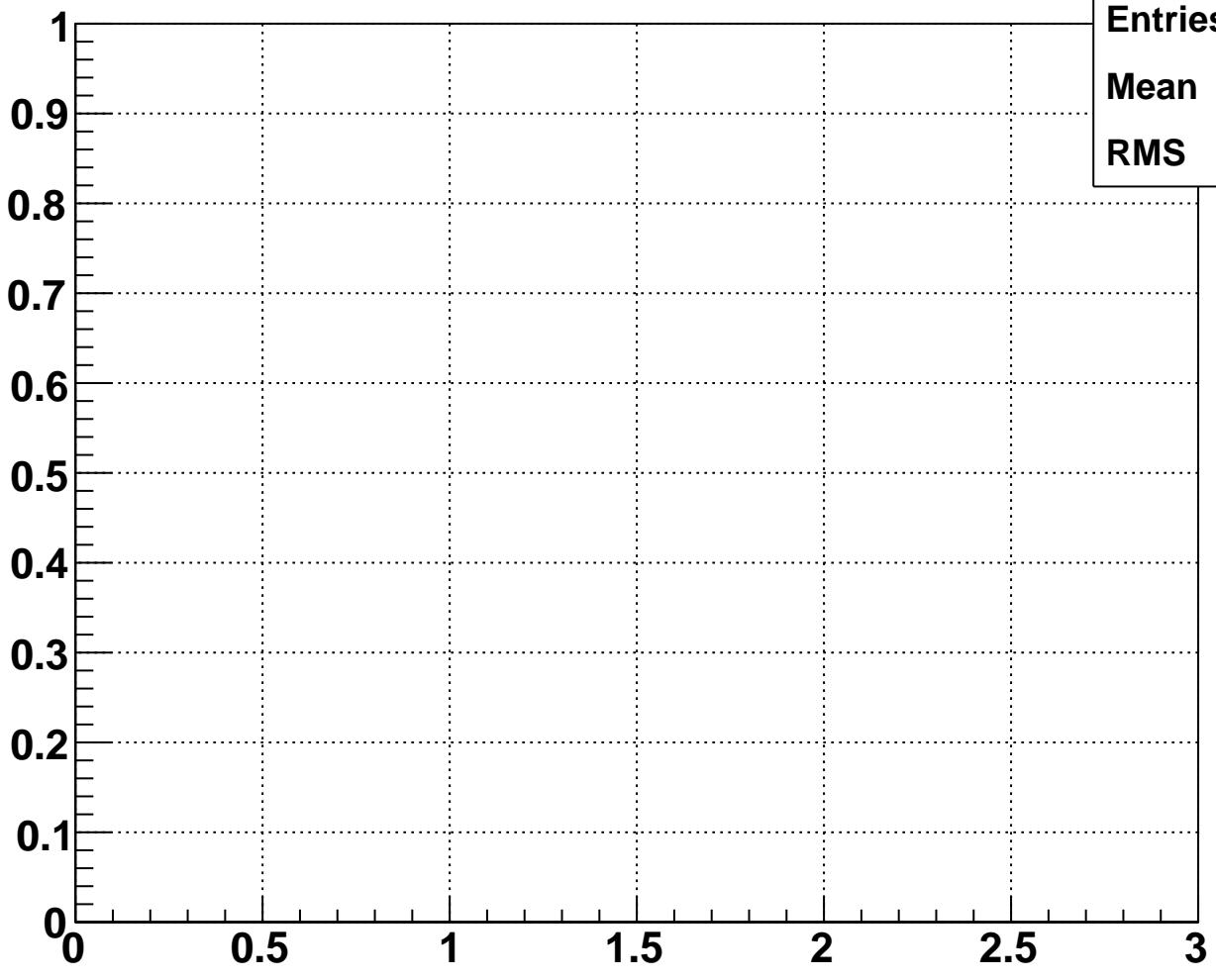
maxTB_ZS_Section_36



Entries 10210
Mean 1
RMS 0.8165

FST - Max time bin (ZS), RDO4_ARM0_PORT0_SEC1

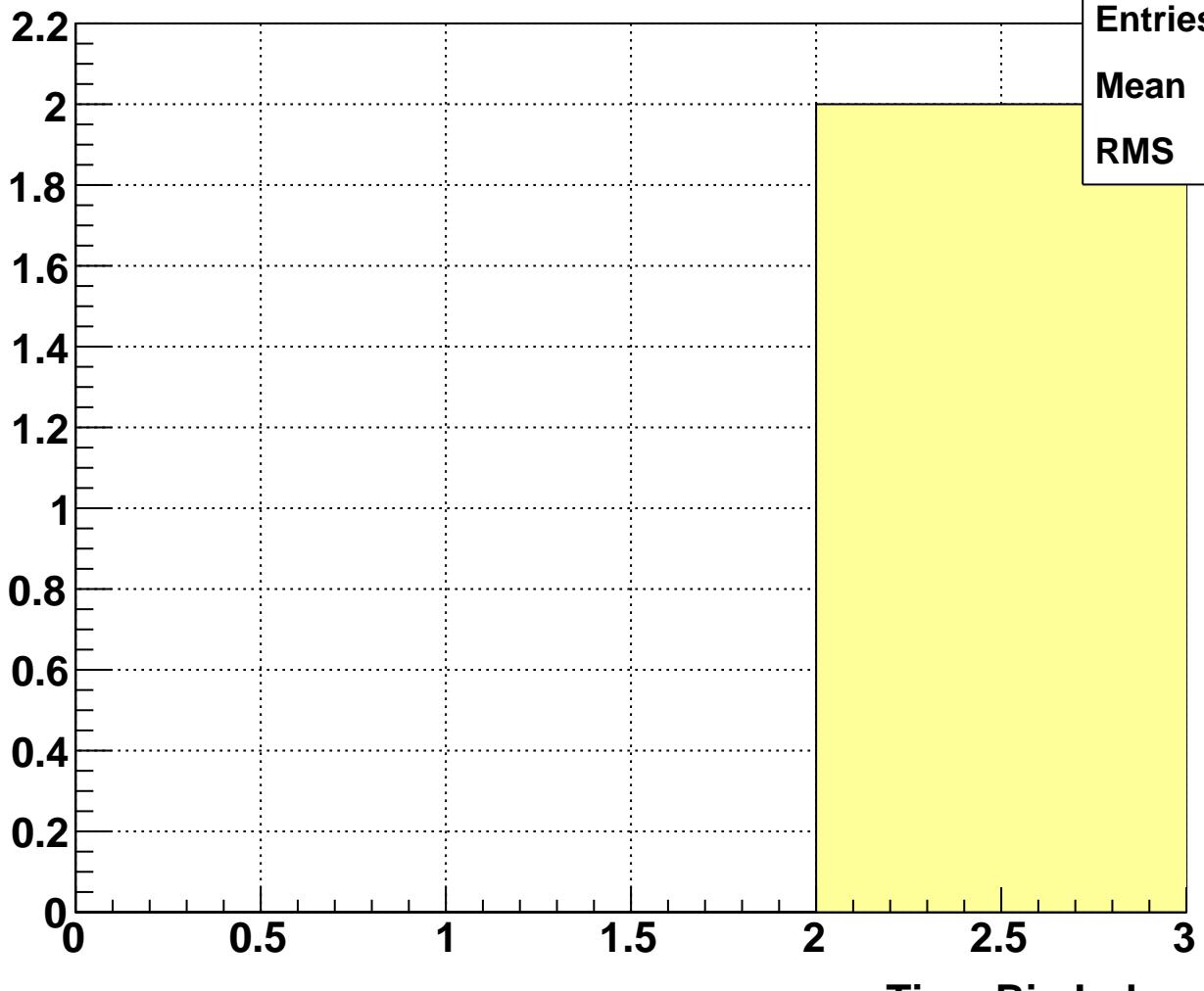
maxTB_ZS_Section_37



Entries	4883
Mean	0
RMS	0

FST - Max time bin (ZS), RDO4_ARM0_PORT1_SEC0

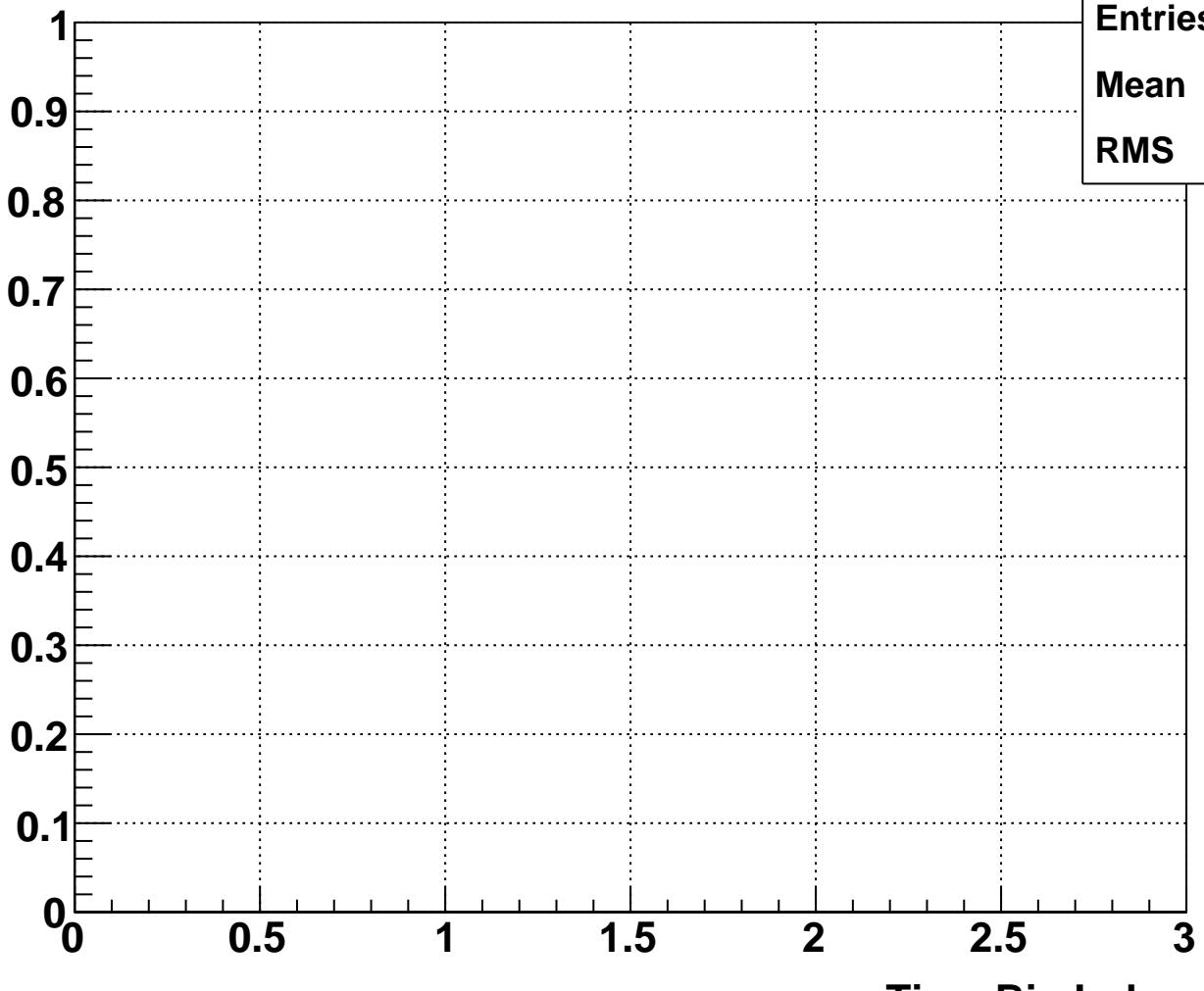
maxTB_ZS_Section_38



Entries 10939
Mean 2
RMS 0

FST - Max time bin (ZS), RDO4_ARM0_PORT1_SEC1

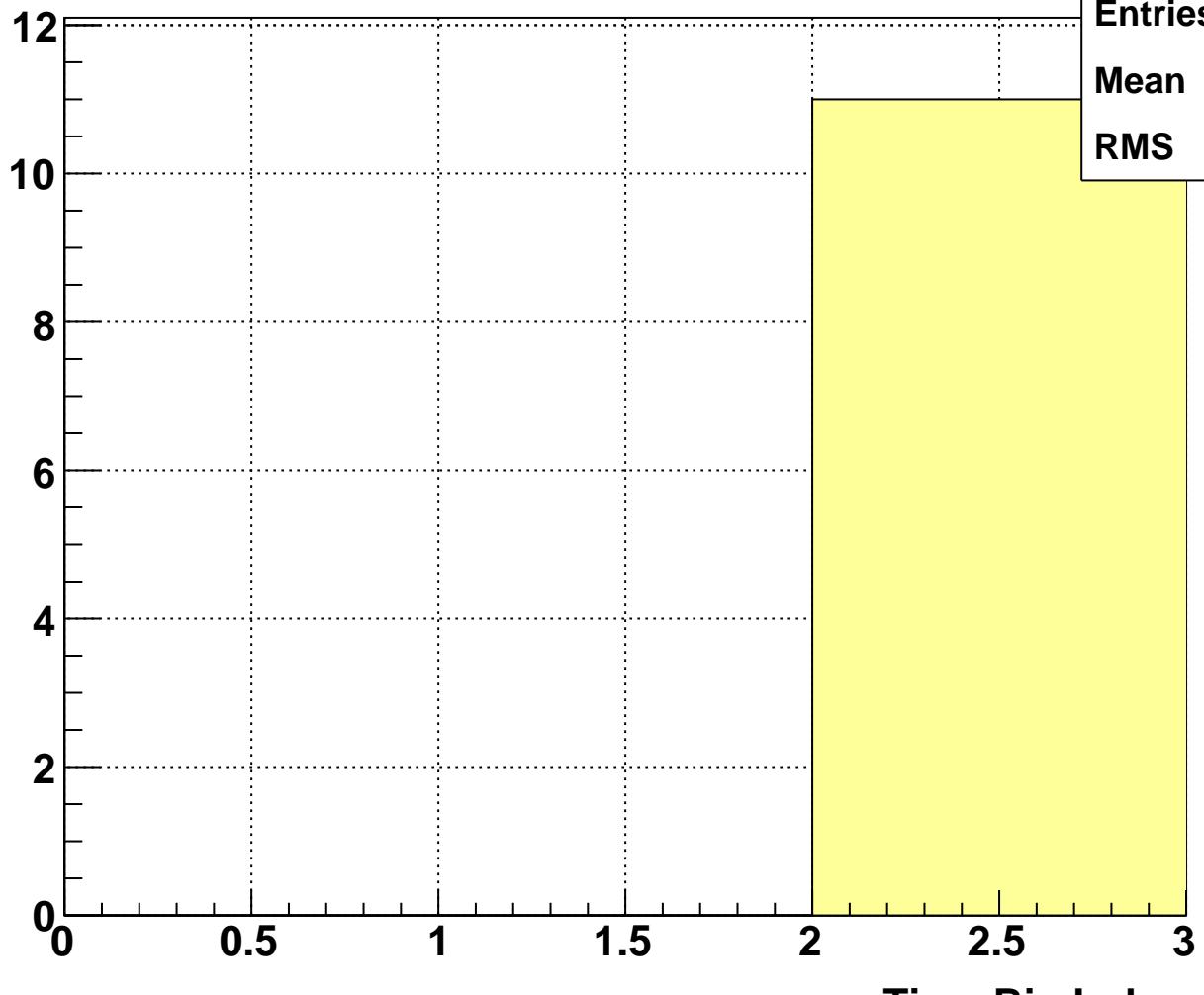
maxTB_ZS_Section_39



Entries	5343
Mean	0
RMS	0

FST - Max time bin (ZS), RDO4_ARM1_PORT0_SEC0

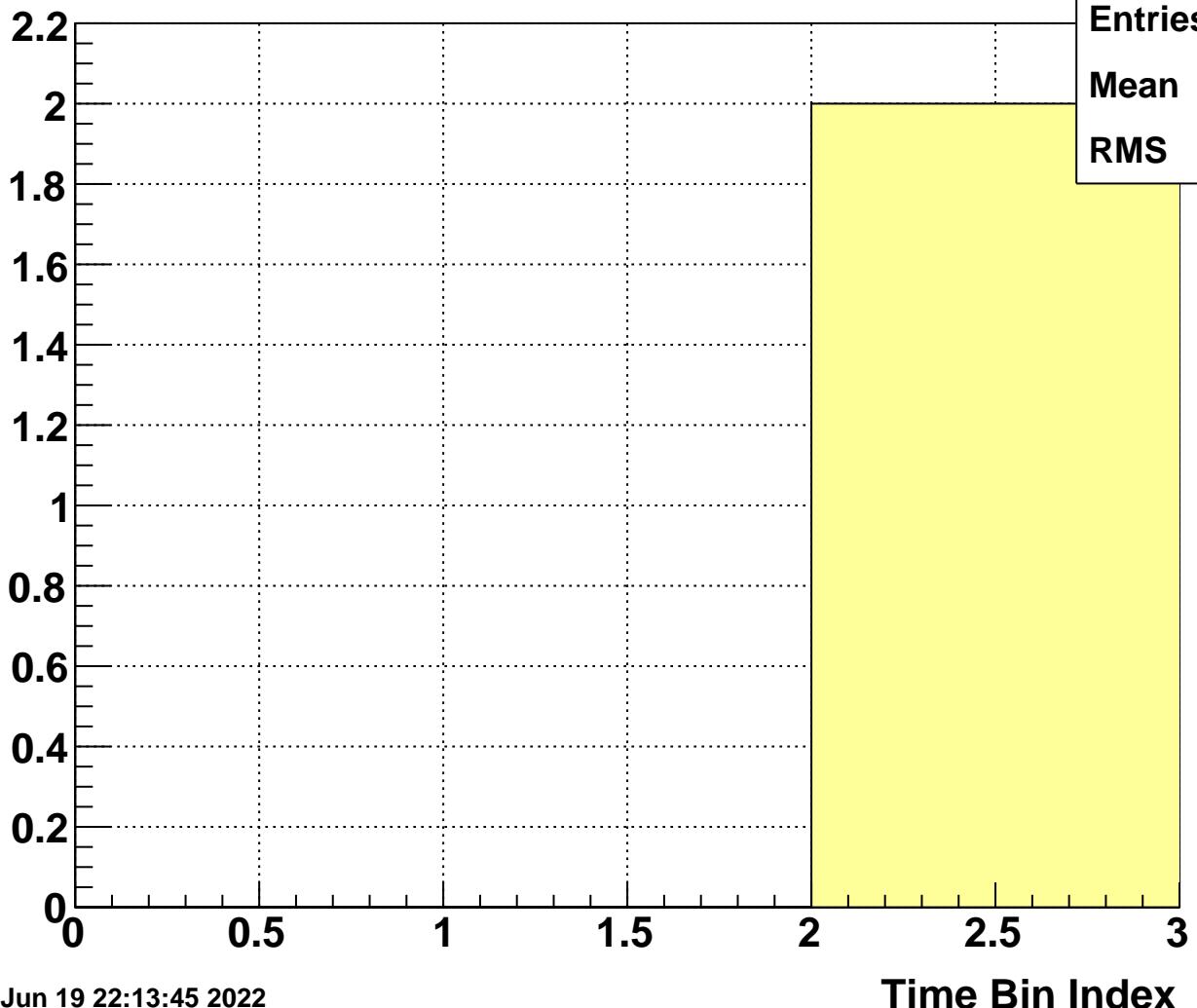
maxTB_ZS_Section_40



Entries 11065
Mean 2
RMS 0

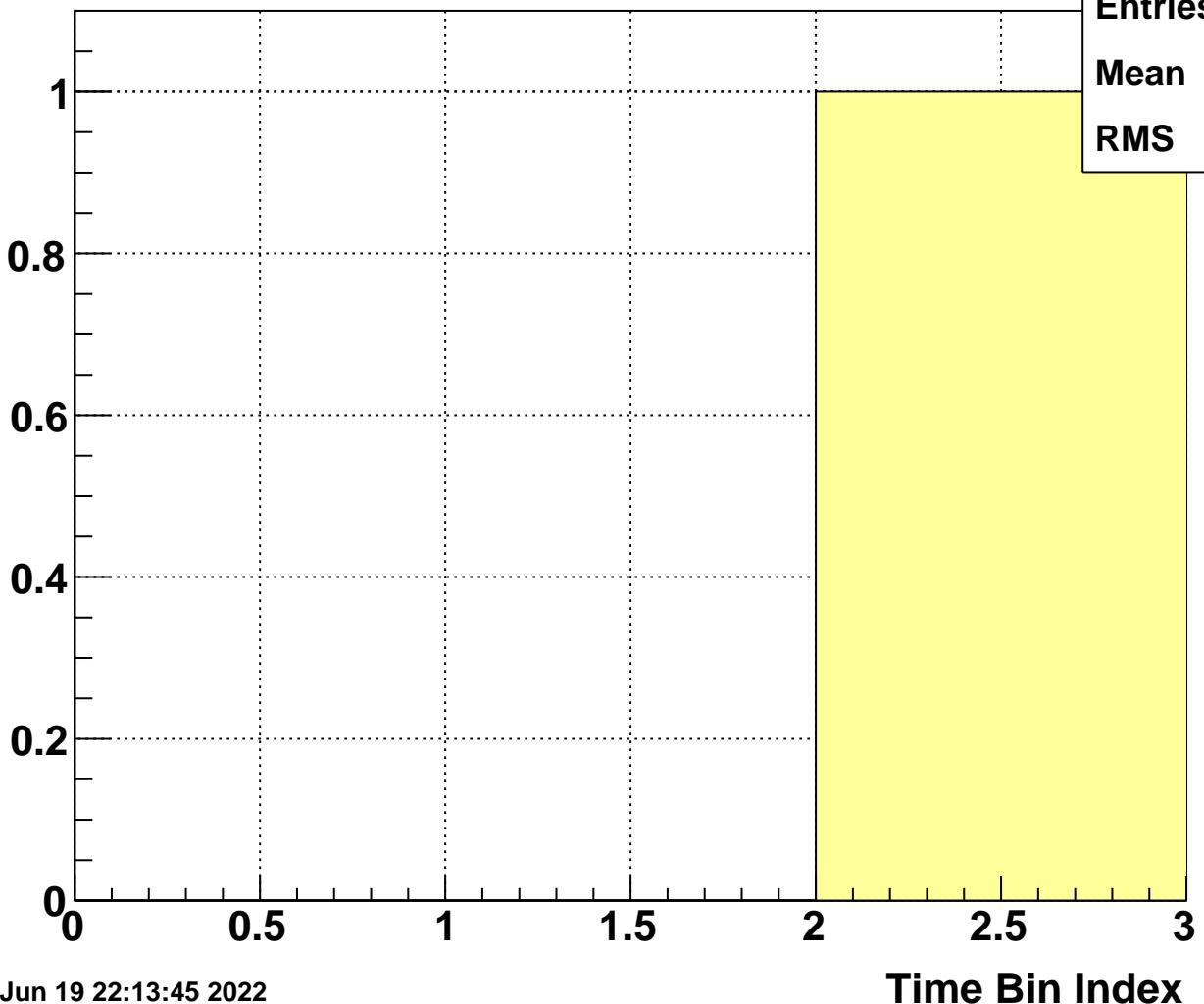
FST - Max time bin (ZS), RDO4_ARM1_PORT0_SEC1

maxTB_ZS_Section_41	
Entries	6286
Mean	2
RMS	0



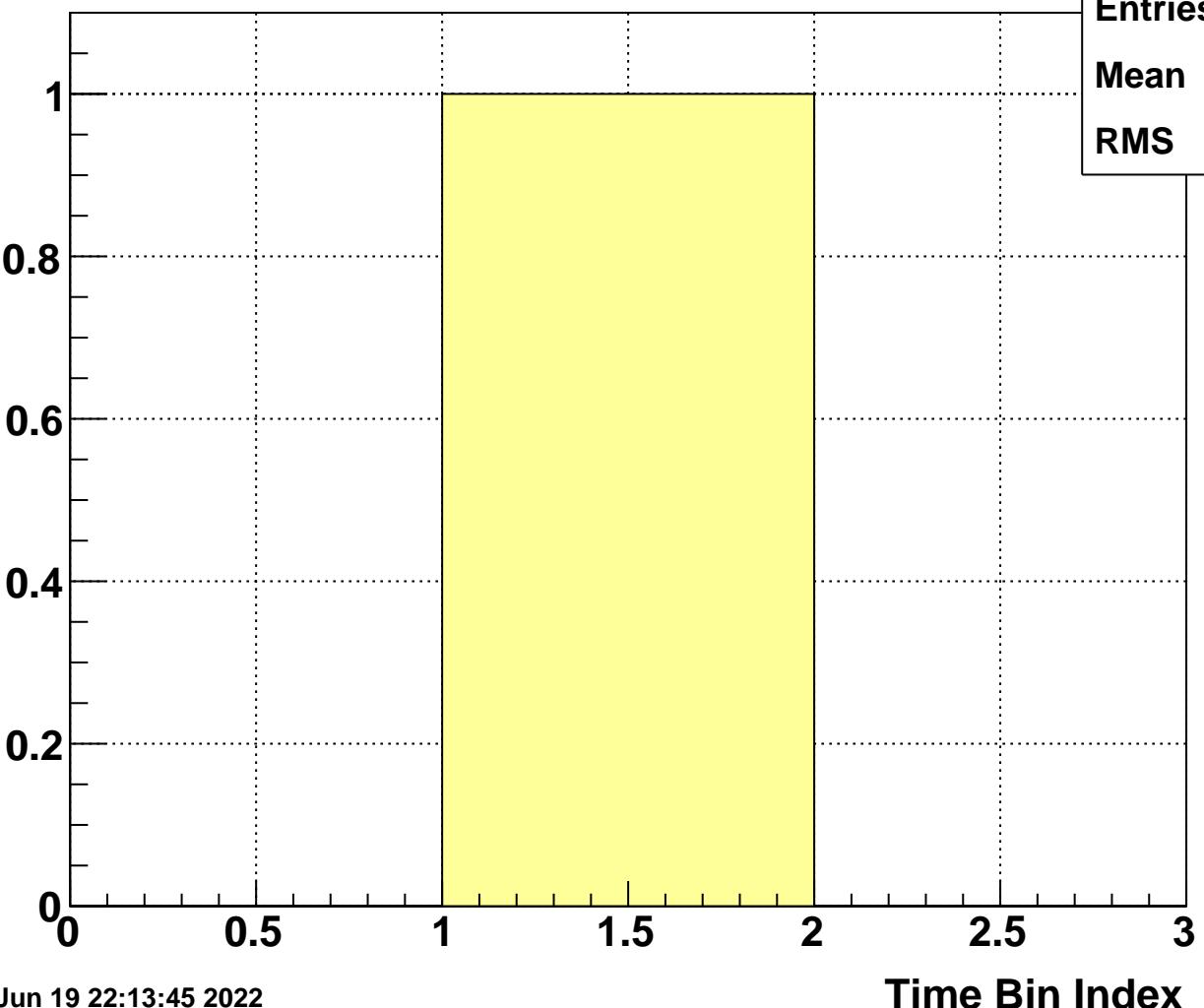
FST - Max time bin (ZS), RDO4_ARM1_PORT1_SEC0

maxTB_ZS_Section_42
Entries 11616
Mean 2
RMS 0



FST - Max time bin (ZS), RDO4_ARM1_PORT1_SEC1

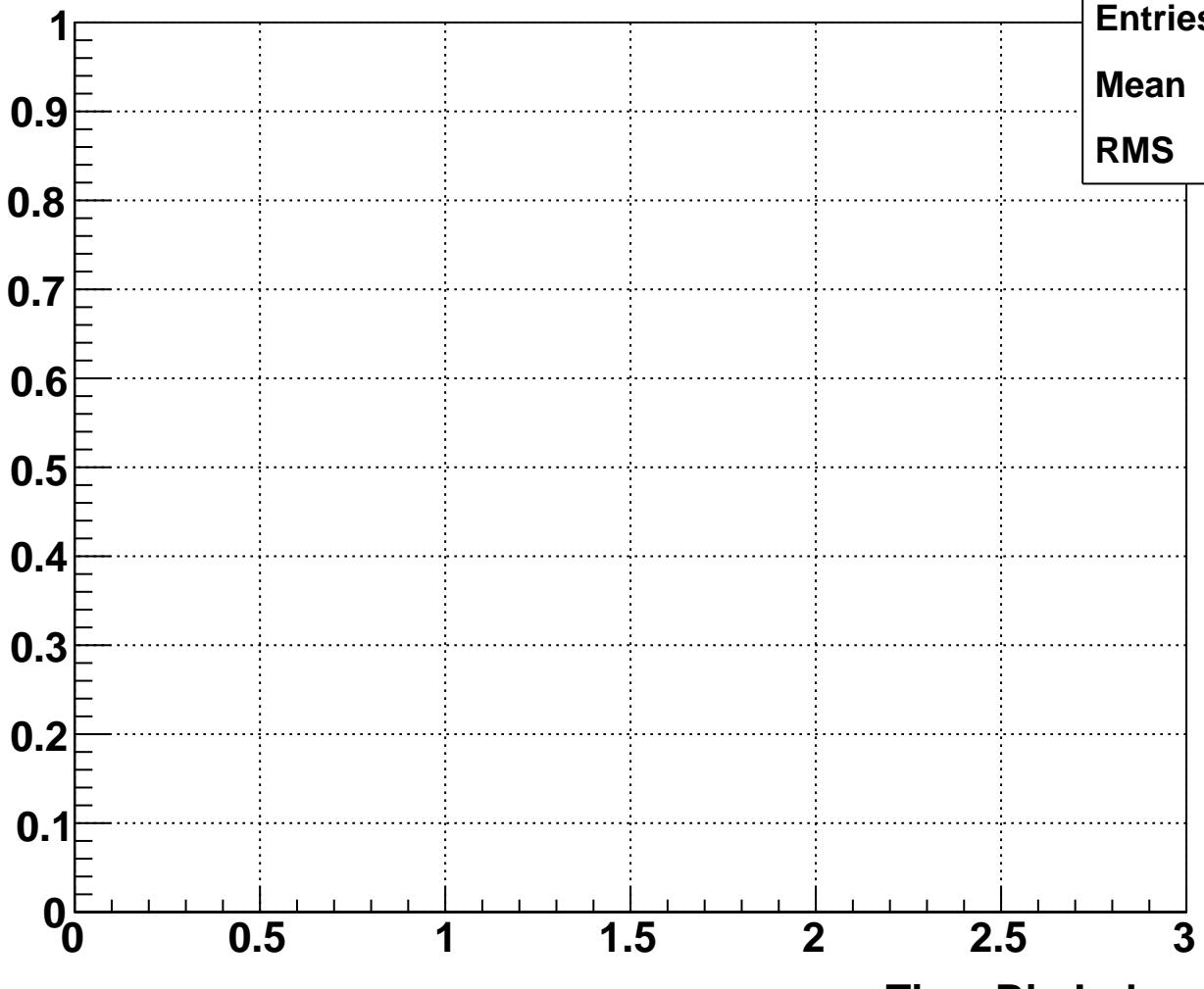
maxTB_ZS_Section_43



Entries 6140
Mean 1
RMS 0

FST - Max time bin (ZS), RDO4_ARM2_PORT0_SEC0

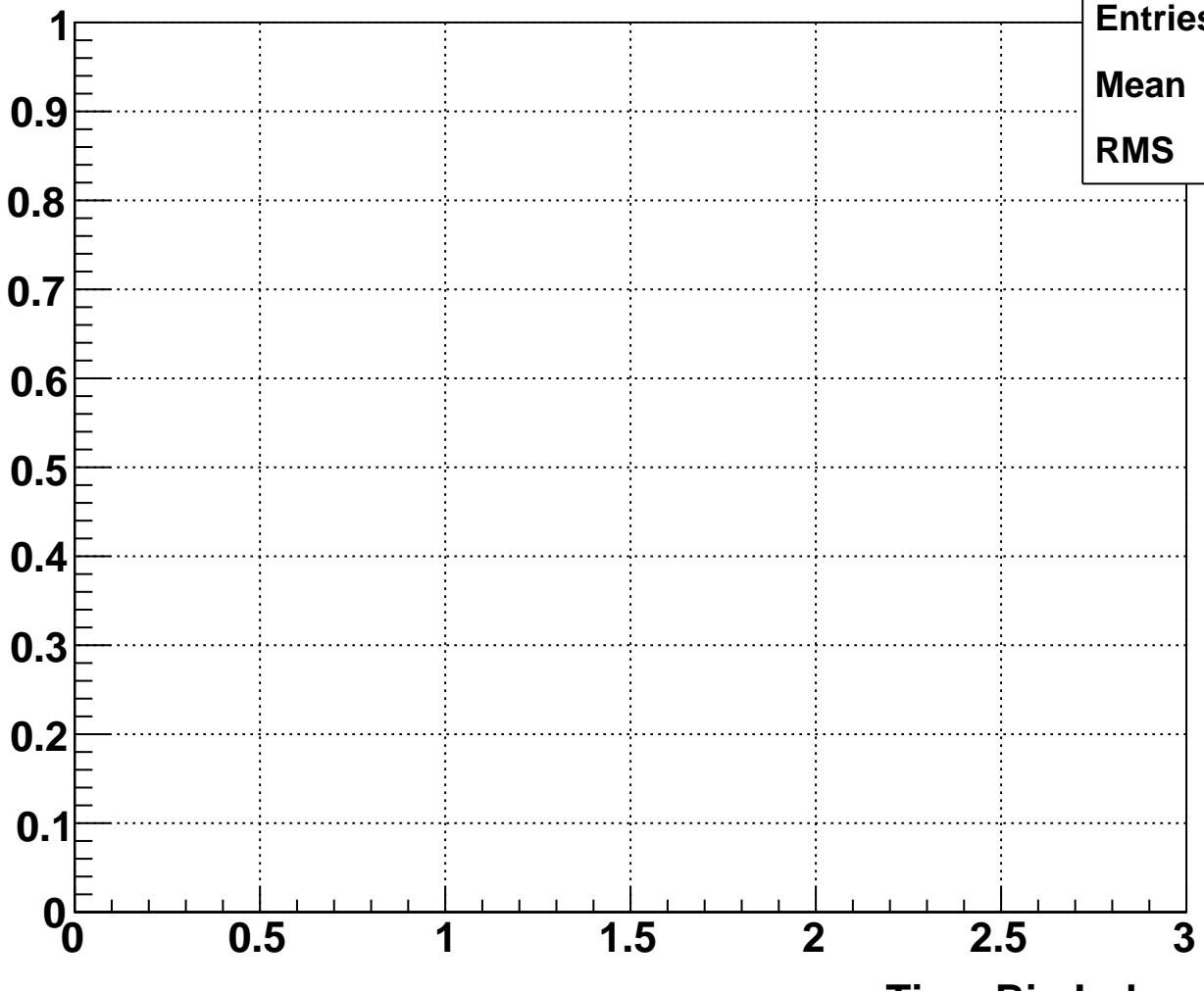
maxTB_ZS_Section_44



Entries 11609
Mean 0
RMS 0

FST - Max time bin (ZS), RDO4_ARM2_PORT0_SEC1

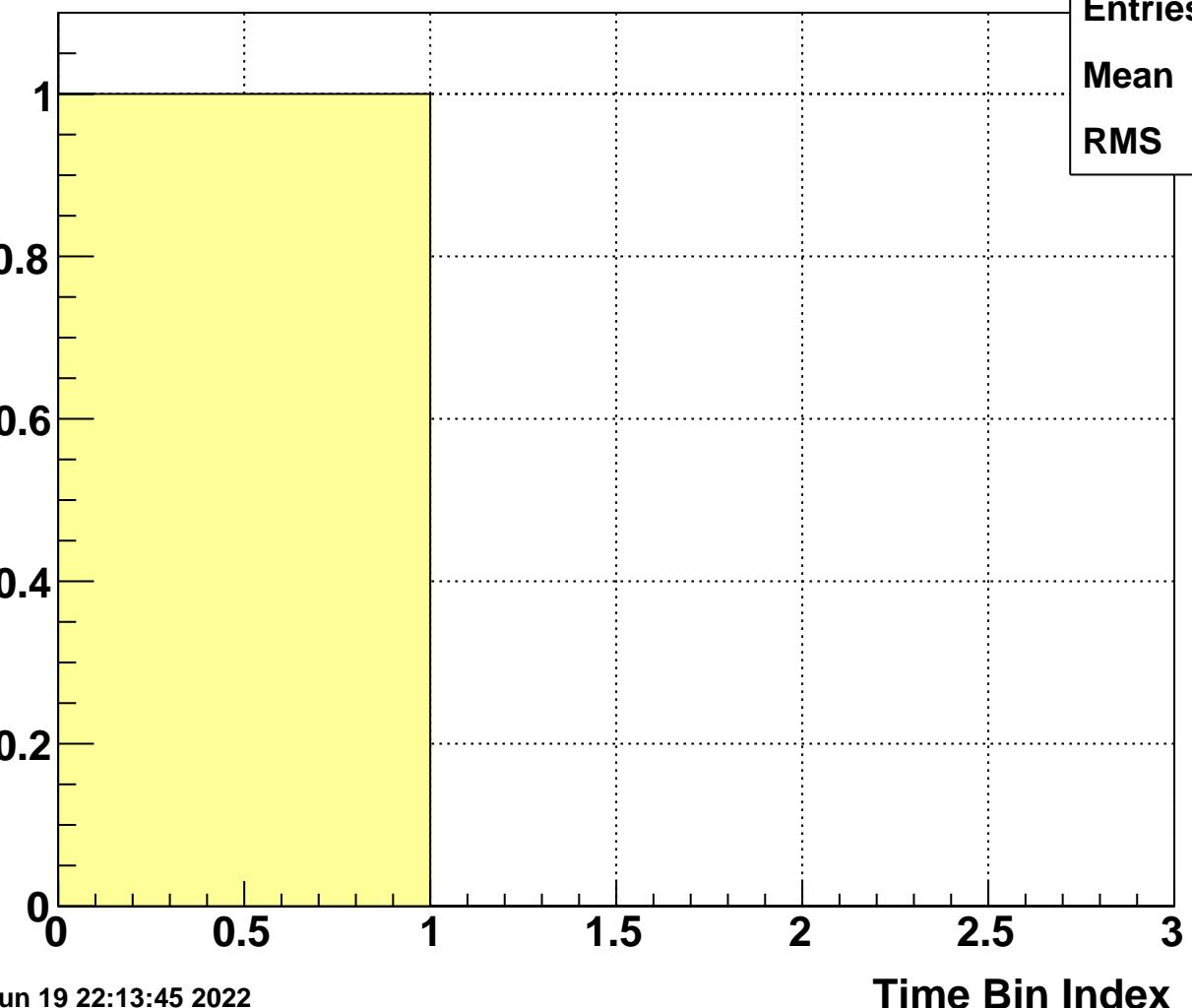
maxTB_ZS_Section_45



Entries	6128
Mean	0
RMS	0

FST - Max time bin (ZS), RDO4_ARM2_PORT1_SEC0

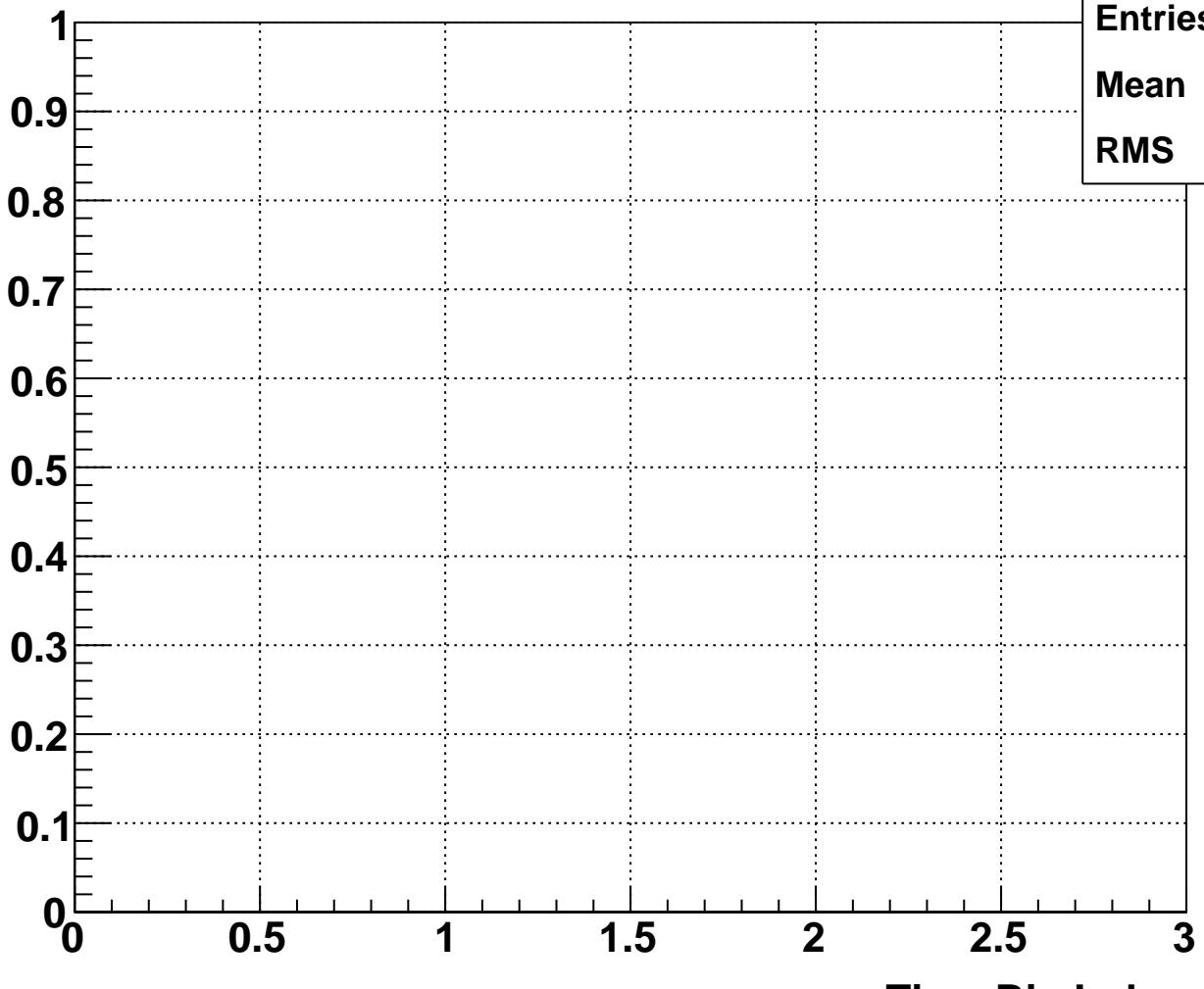
maxTB_ZS_Section_46



Entries 11930
Mean 0
RMS 0

FST - Max time bin (ZS), RDO4_ARM2_PORT1_SEC1

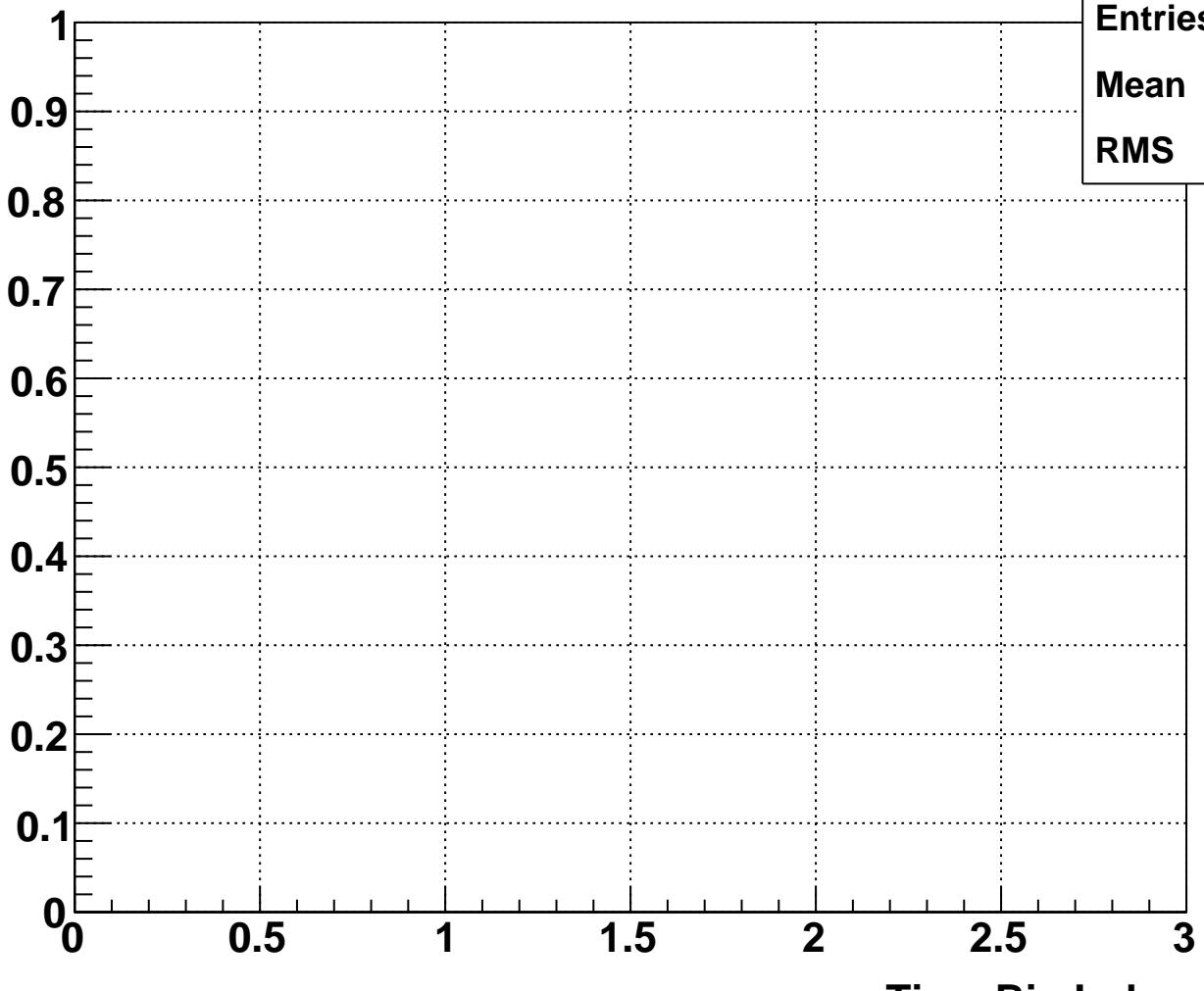
maxTB_ZS_Section_47



Entries	4661
Mean	0
RMS	0

FST - Max time bin (ZS), RDO5_ARM0_PORT0_SEC0

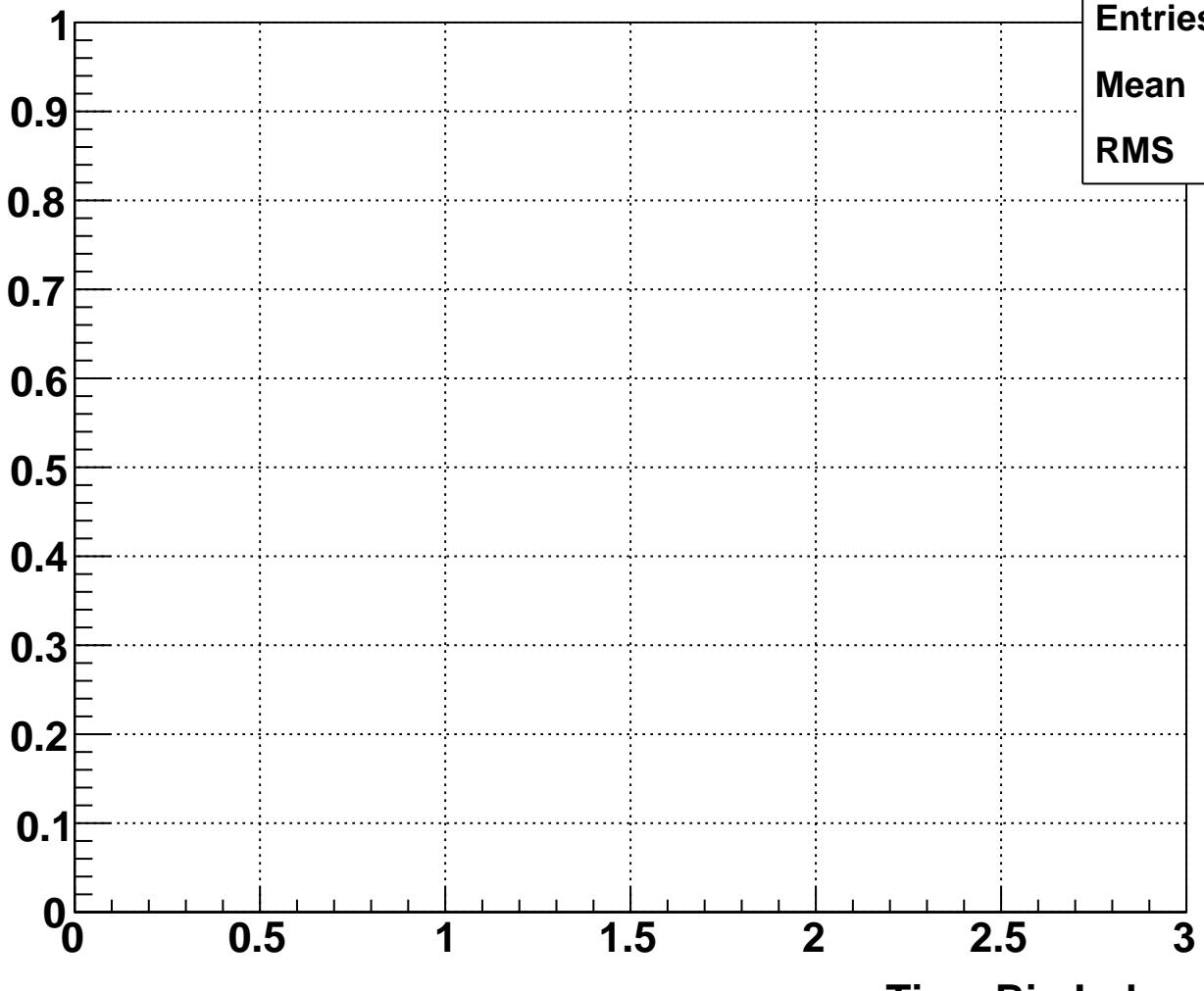
maxTB_ZS_Section_48



Entries 12005
Mean 0
RMS 0

FST - Max time bin (ZS), RDO5_ARM0_PORT0_SEC1

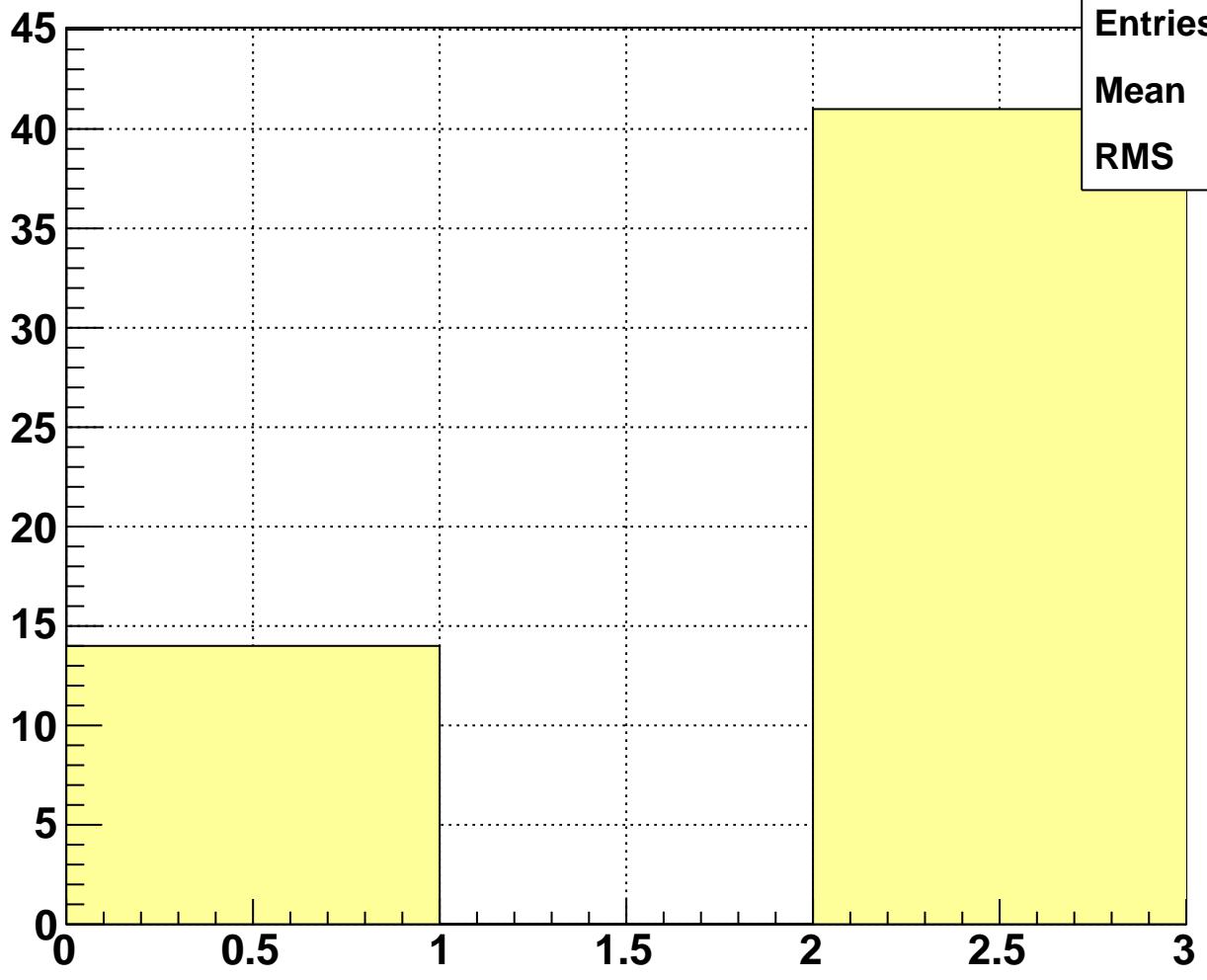
maxTB_ZS_Section_49



Entries	5389
Mean	0
RMS	0

FST - Max time bin (ZS), RDO5_ARM0_PORT1_SEC0

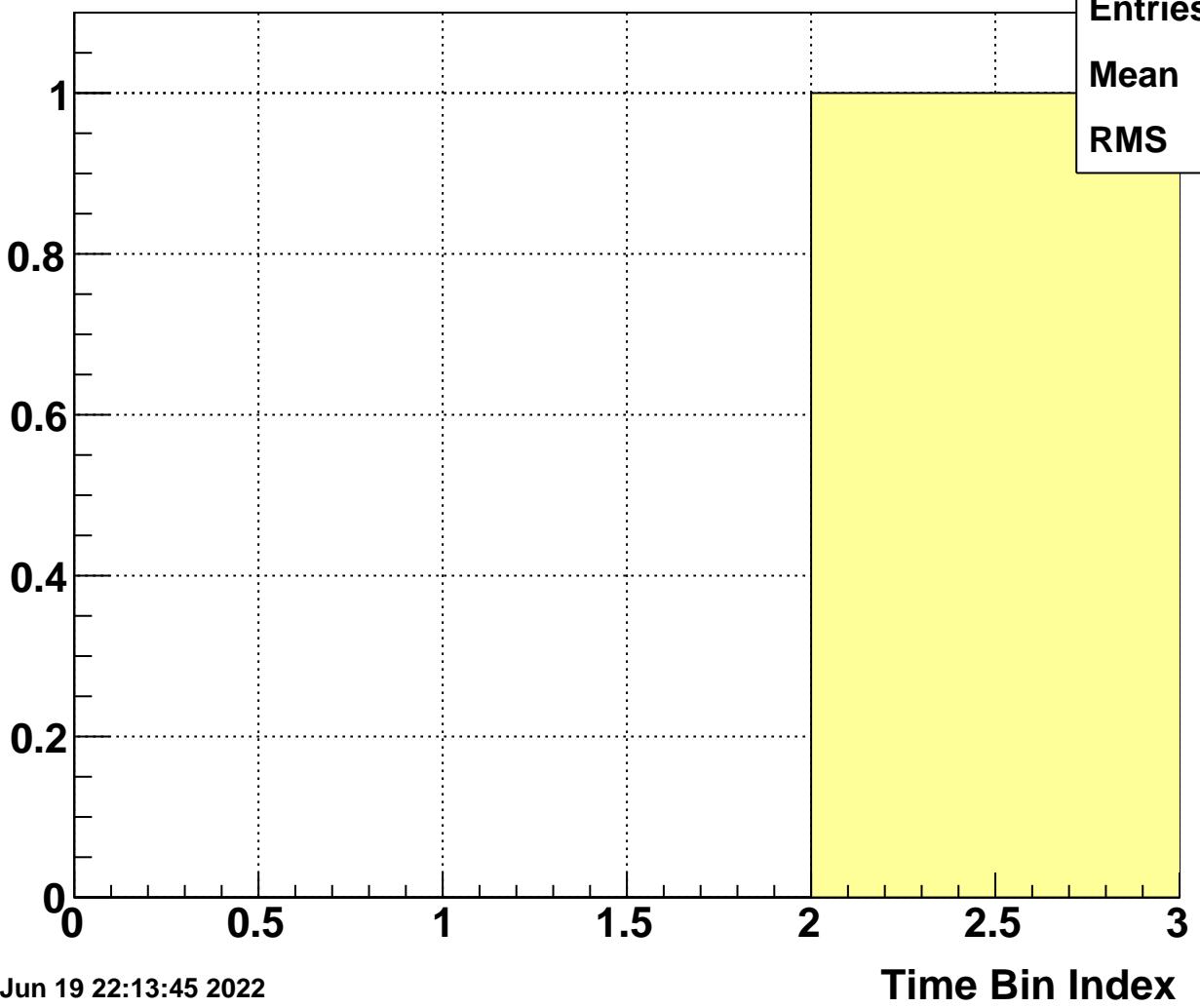
maxTB_ZS_Section_50



Entries 11714
Mean 1.491
RMS 0.8712

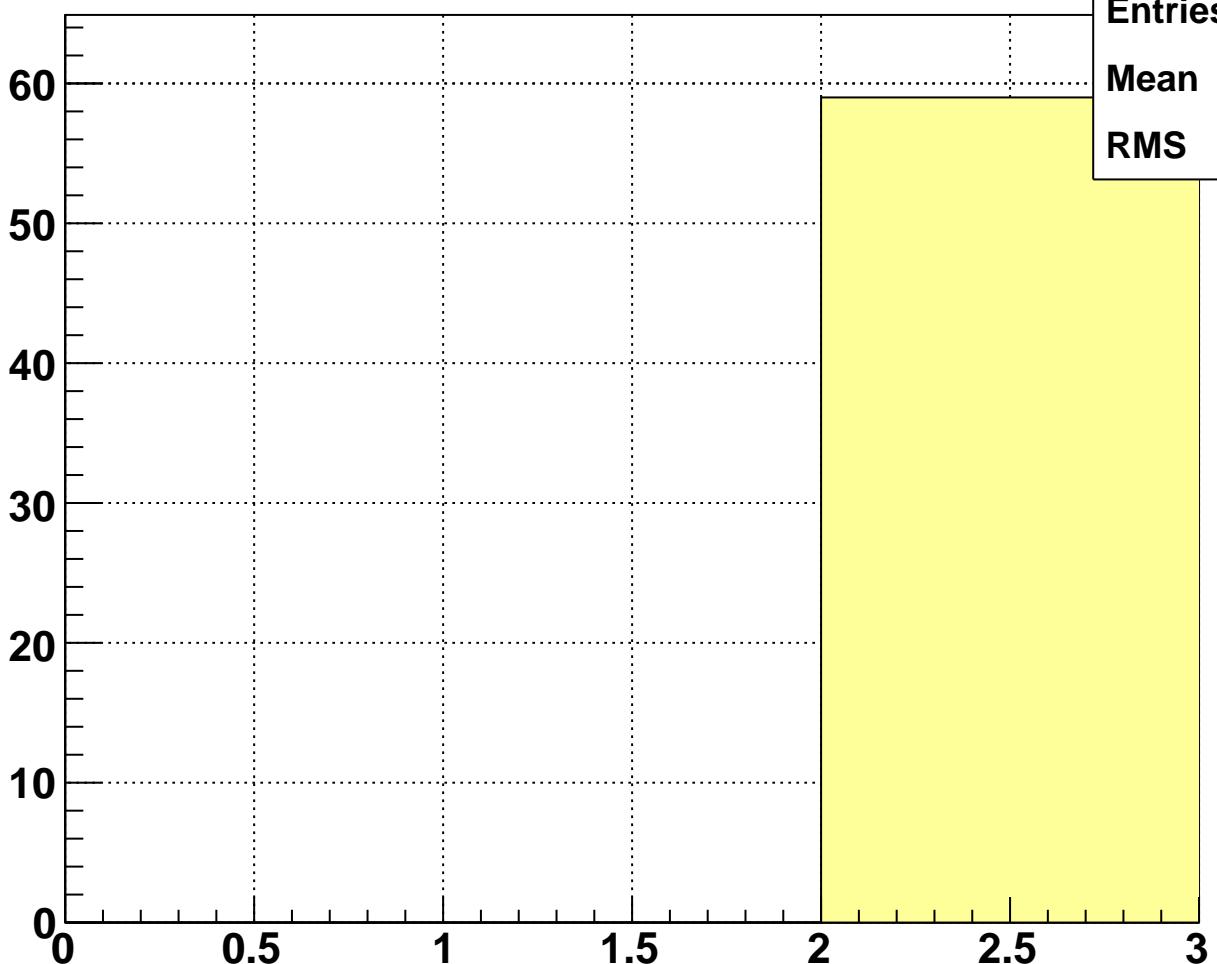
FST - Max time bin (ZS), RDO5_ARM0_PORT1_SEC1

maxTB_ZS_Section_51	
Entries	524
Mean	2
RMS	0



FST - Max time bin (ZS), RDO5_ARM1_PORT0_SEC0

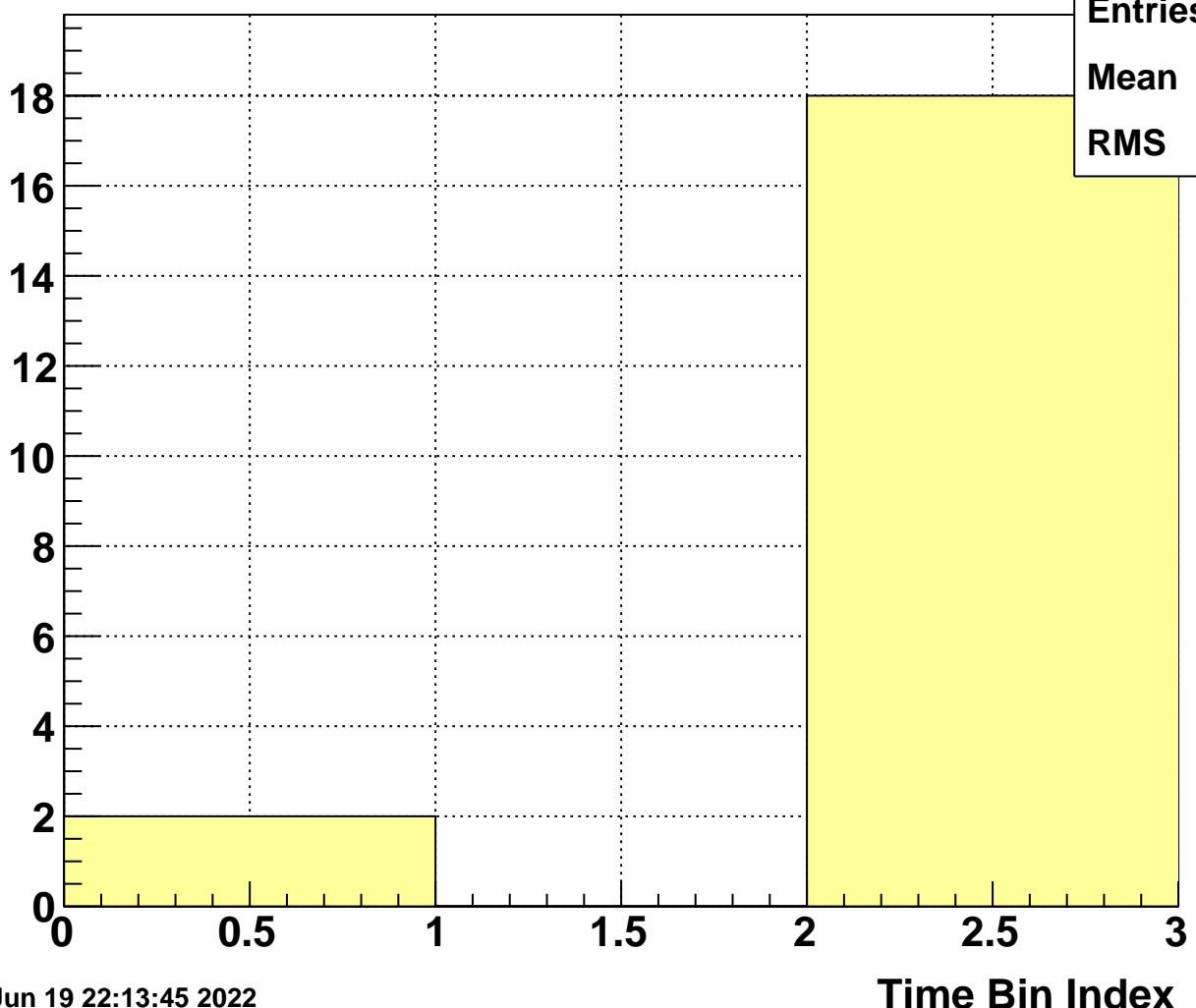
maxTB_ZS_Section_52



Entries 11478
Mean 2
RMS 0

FST - Max time bin (ZS), RDO5_ARM1_PORT0_SEC1

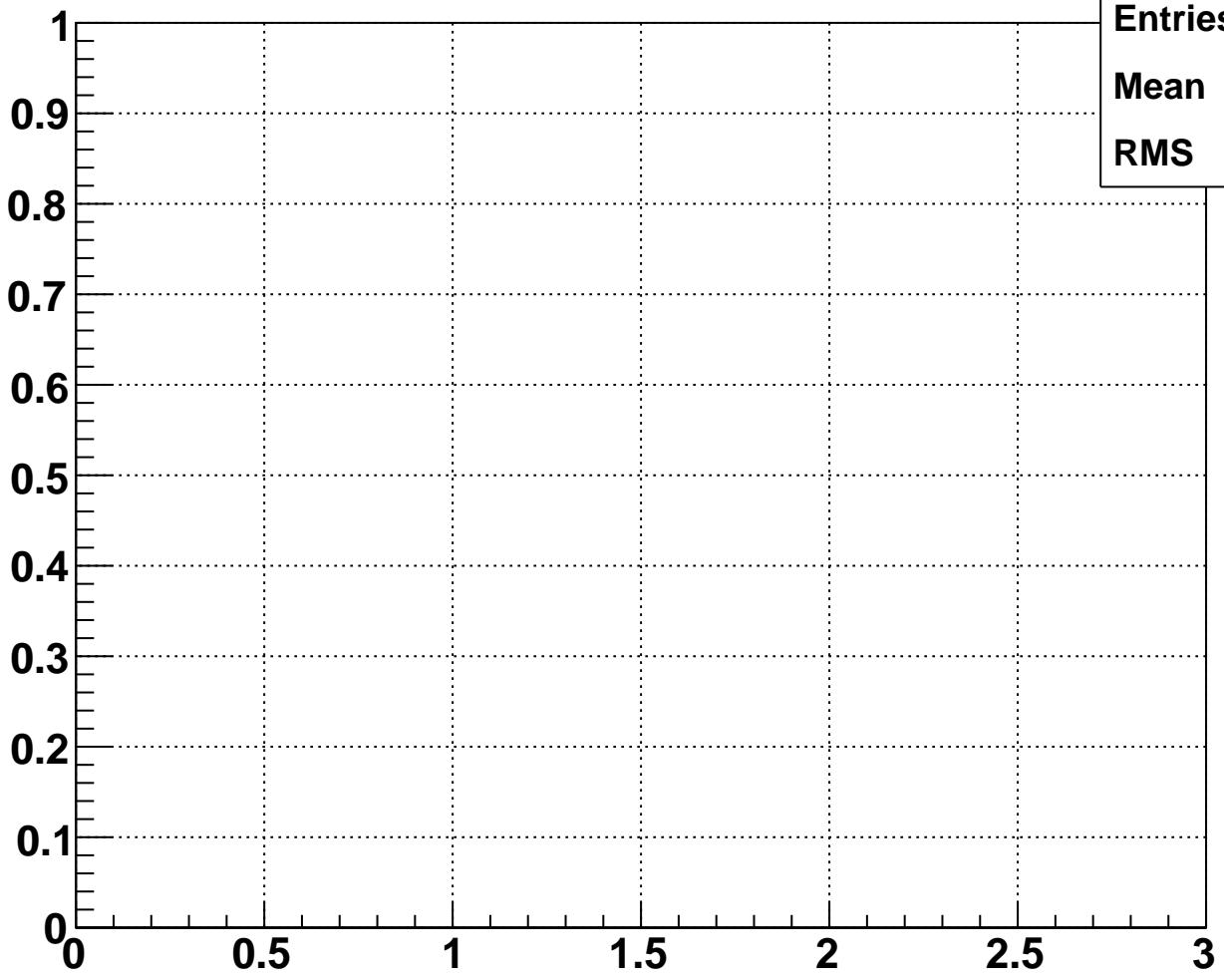
maxTB_ZS_Section_53



Entries	6315
Mean	1.8
RMS	0.6

FST - Max time bin (ZS), RDO5_ARM1_PORT1_SEC0

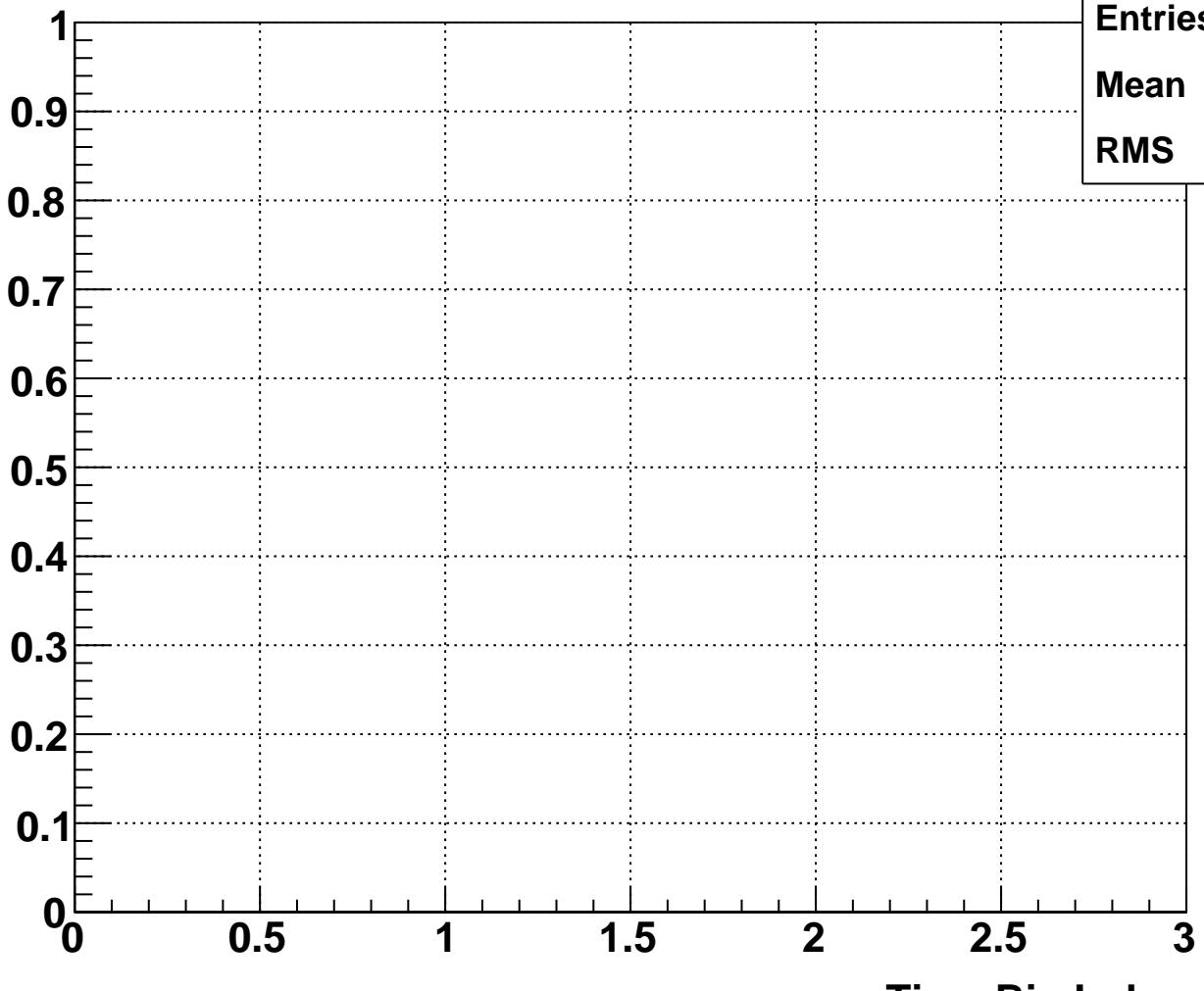
maxTB_ZS_Section_54



Entries 10560
Mean 0
RMS 0

FST - Max time bin (ZS), RDO5_ARM1_PORT1_SEC1

maxTB_ZS_Section_55

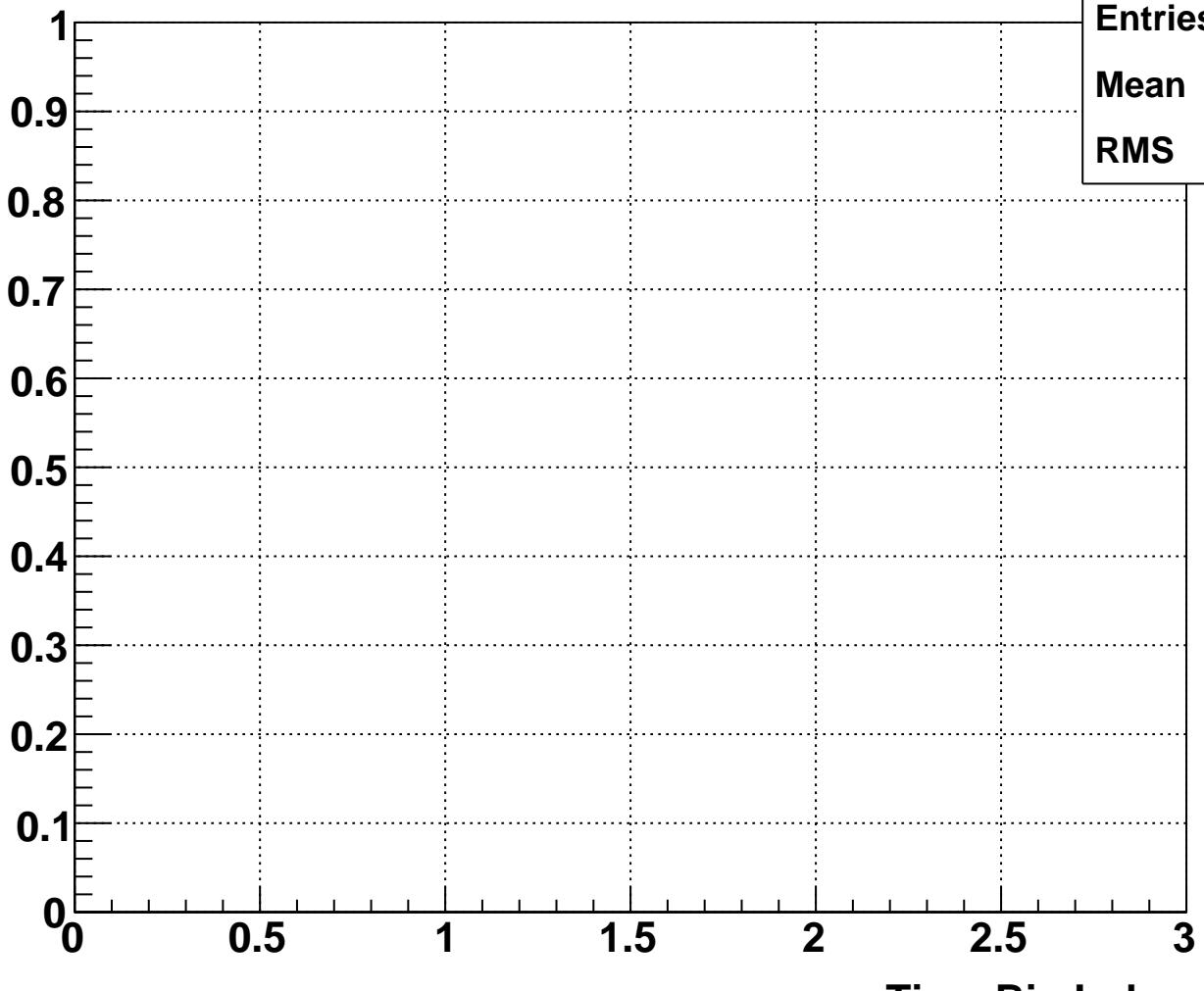


Entries	7195
Mean	0
RMS	0

FST - Max time bin (ZS), RDO5_ARM2_PORT0_SEC0

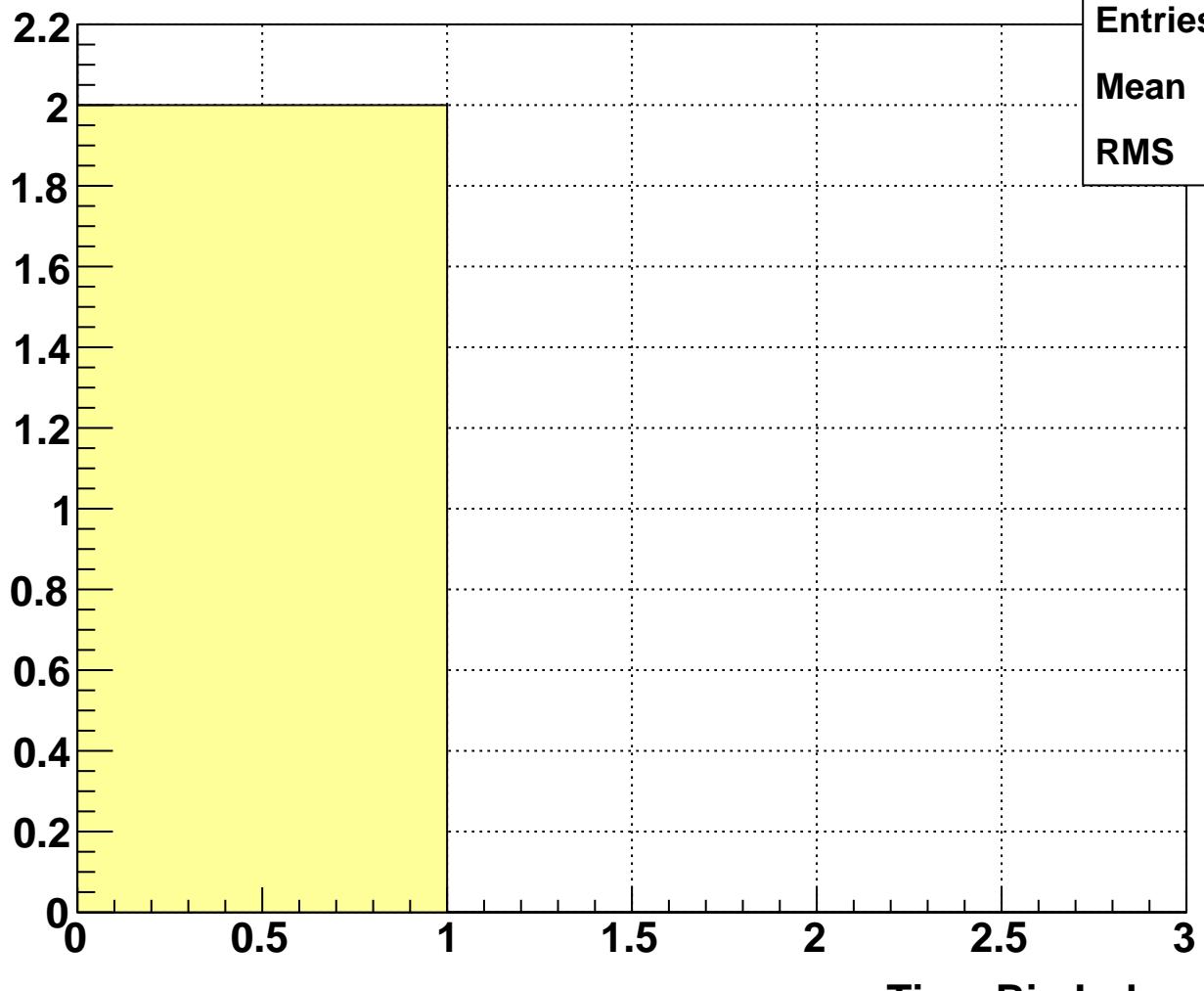
maxTB_ZS_Section_56

Entries 10957
Mean 0
RMS 0



FST - Max time bin (ZS), RDO5_ARM2_PORT0_SEC1

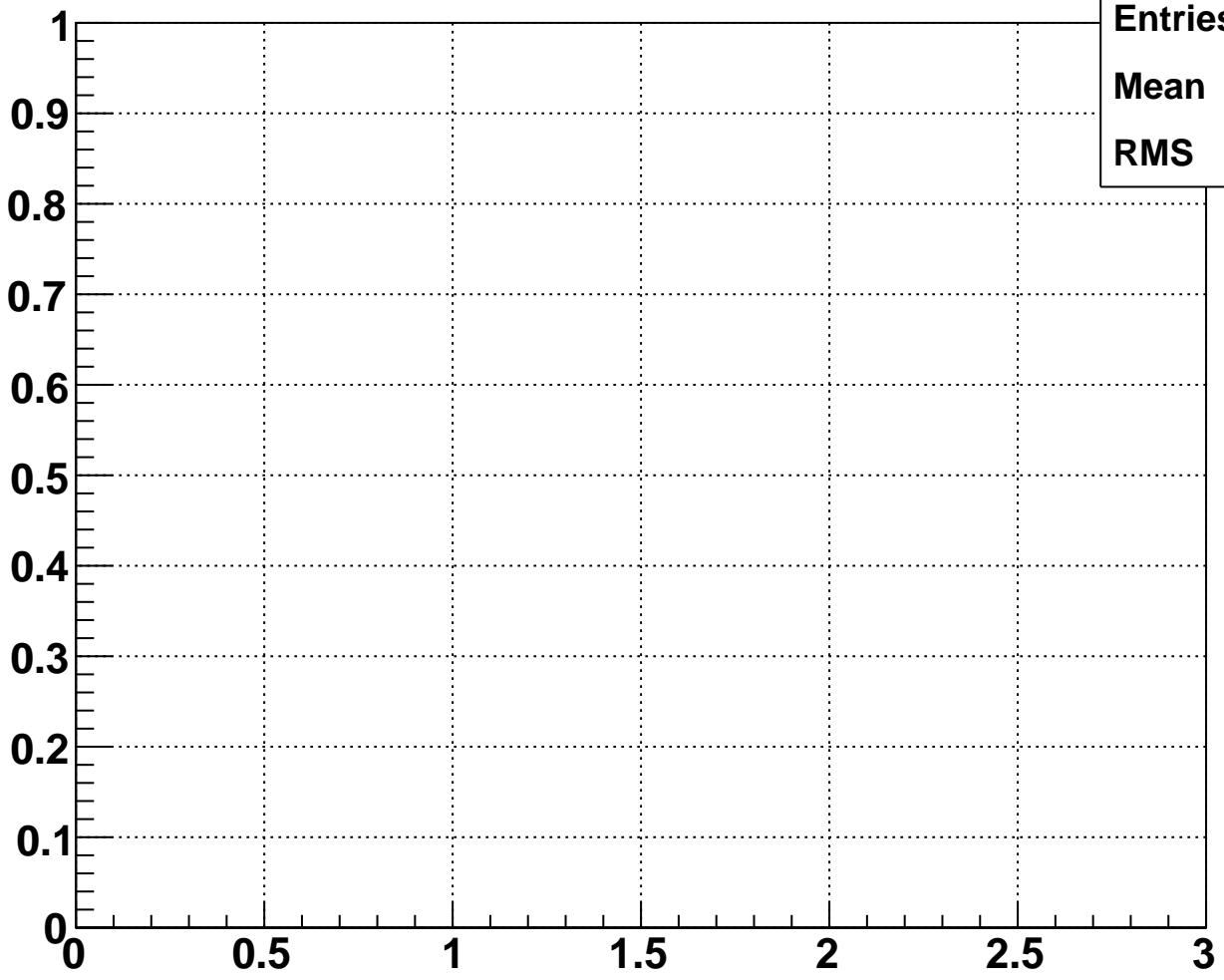
maxTB_ZS_Section_57



Entries	5840
Mean	0
RMS	0

FST - Max time bin (ZS), RDO5_ARM2_PORT1_SEC0

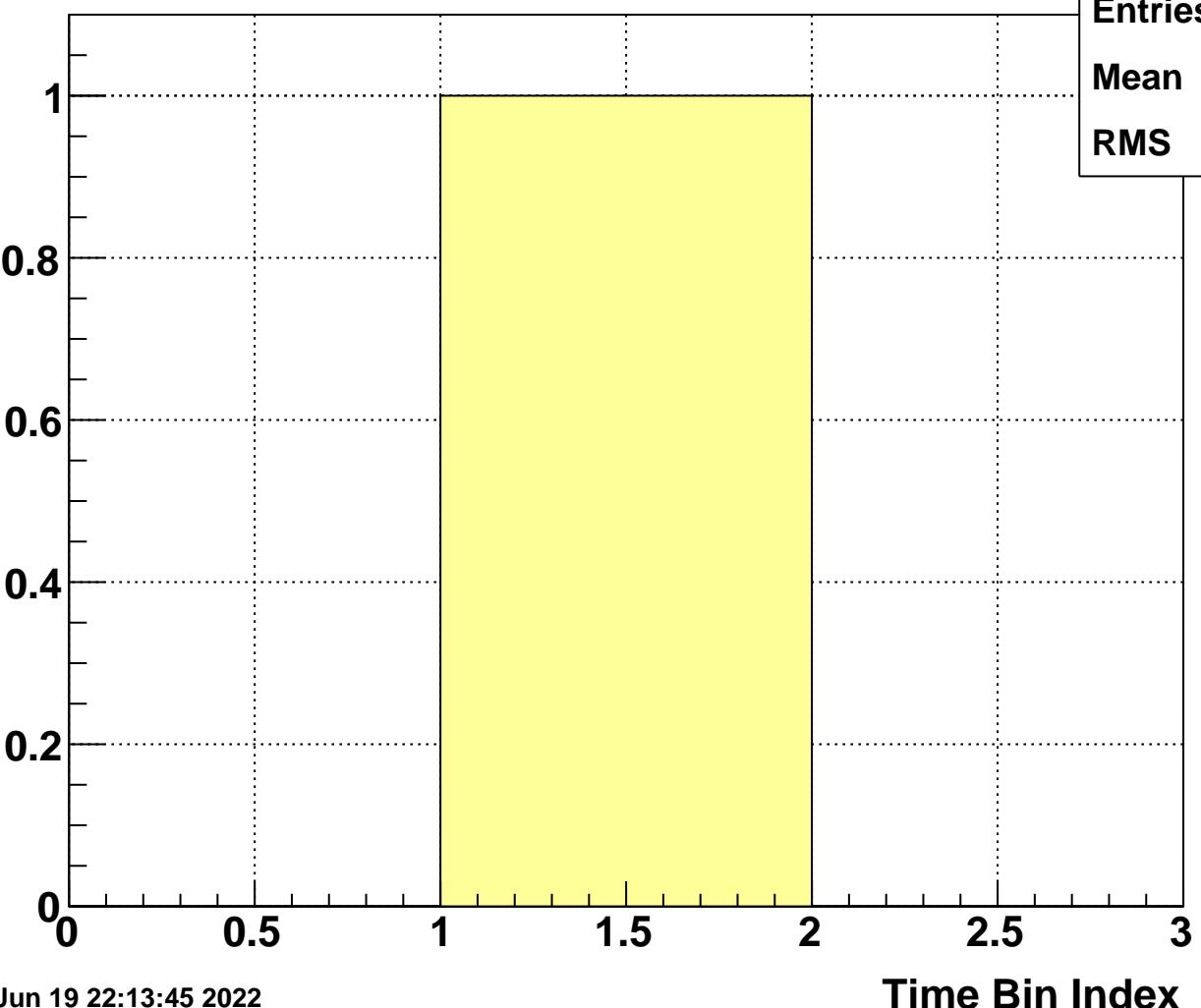
maxTB_ZS_Section_58



Entries 10503
Mean 0
RMS 0

FST - Max time bin (ZS), RDO5_ARM2_PORT1_SEC1

maxTB_ZS_Section_59

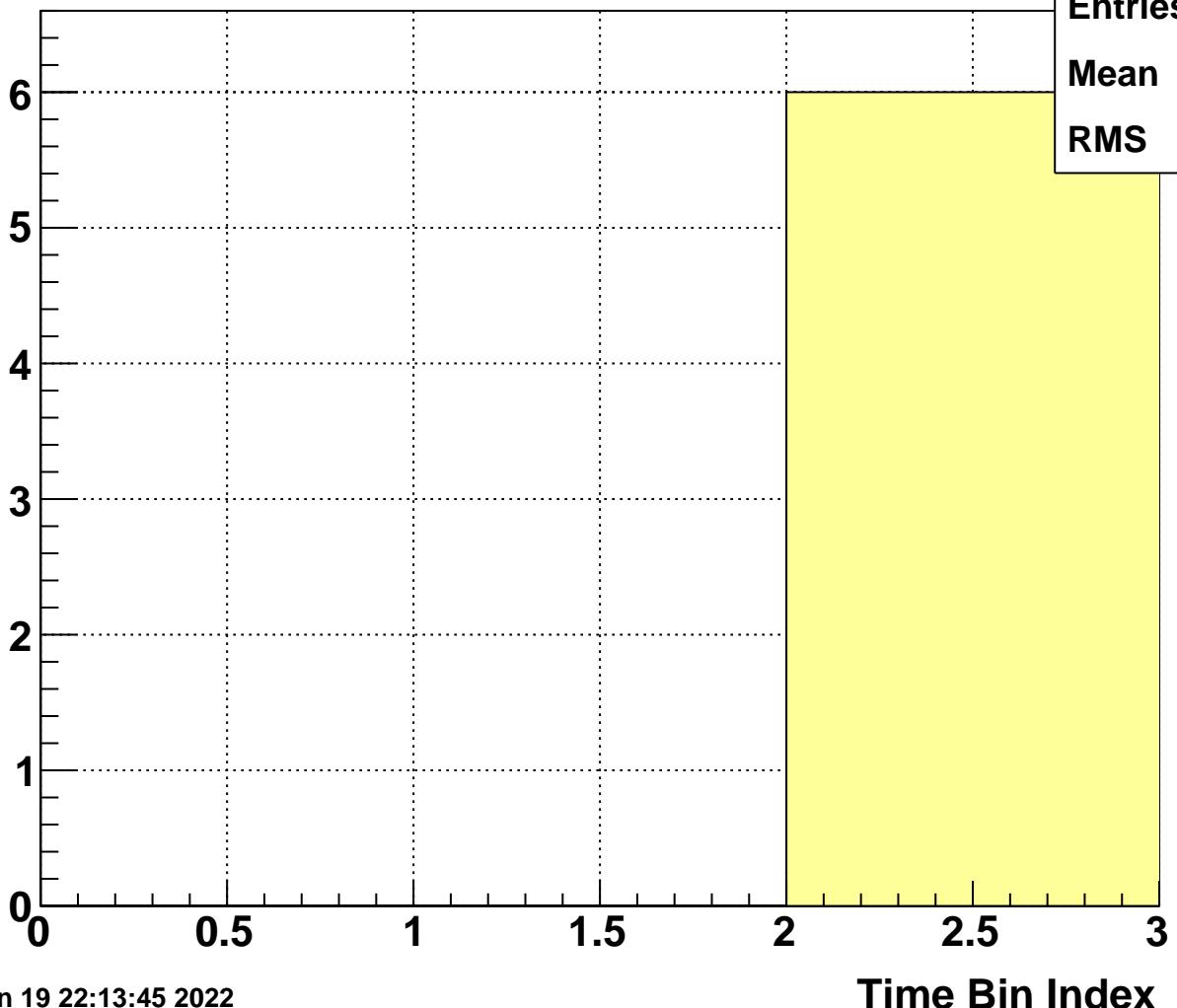


Entries	5790
Mean	1
RMS	0

FST - Max time bin (ZS), RDO6_ARM0_PORT0_SEC0

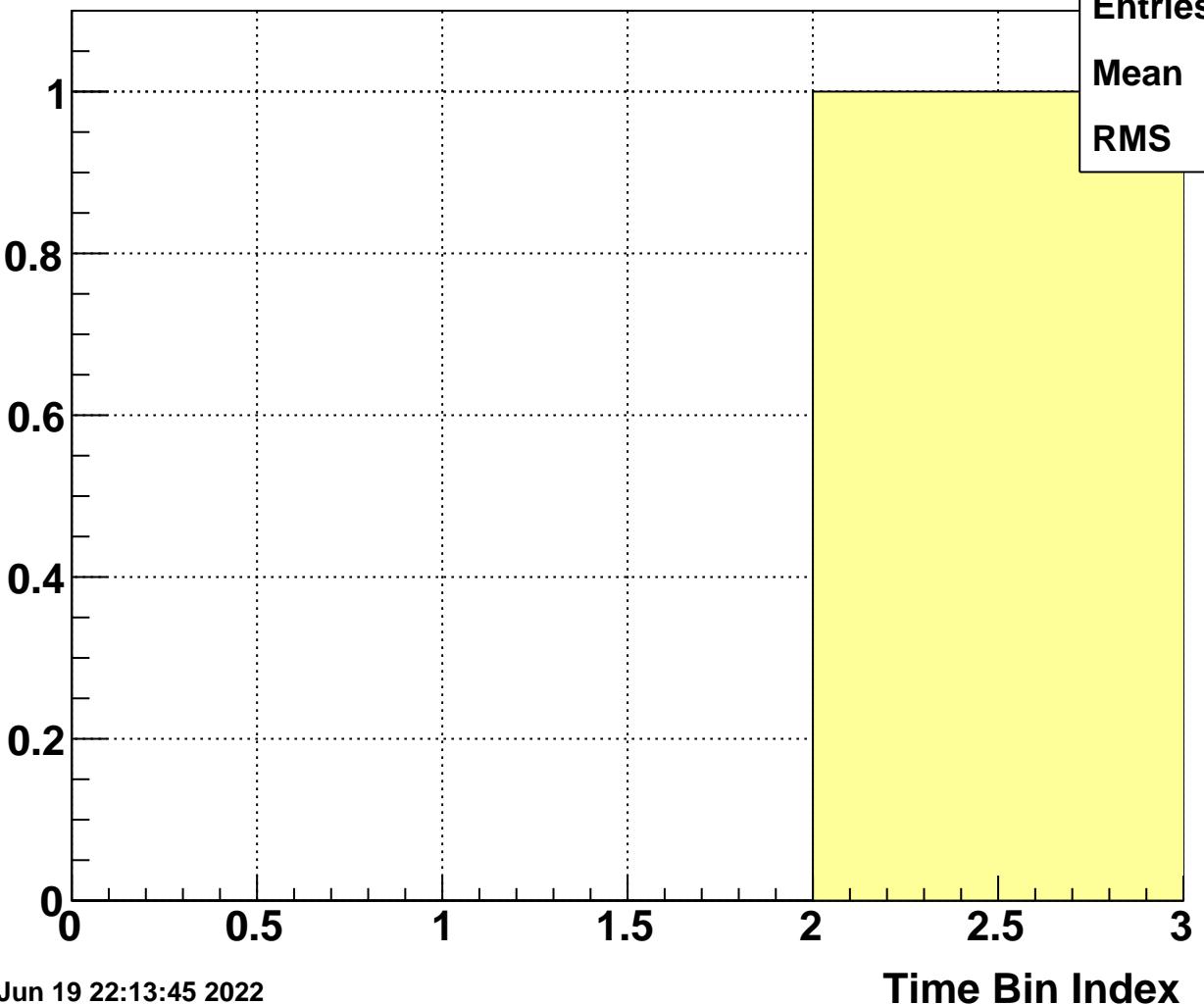
maxTB_ZS_Section_60

Entries 10755
Mean 2
RMS 0



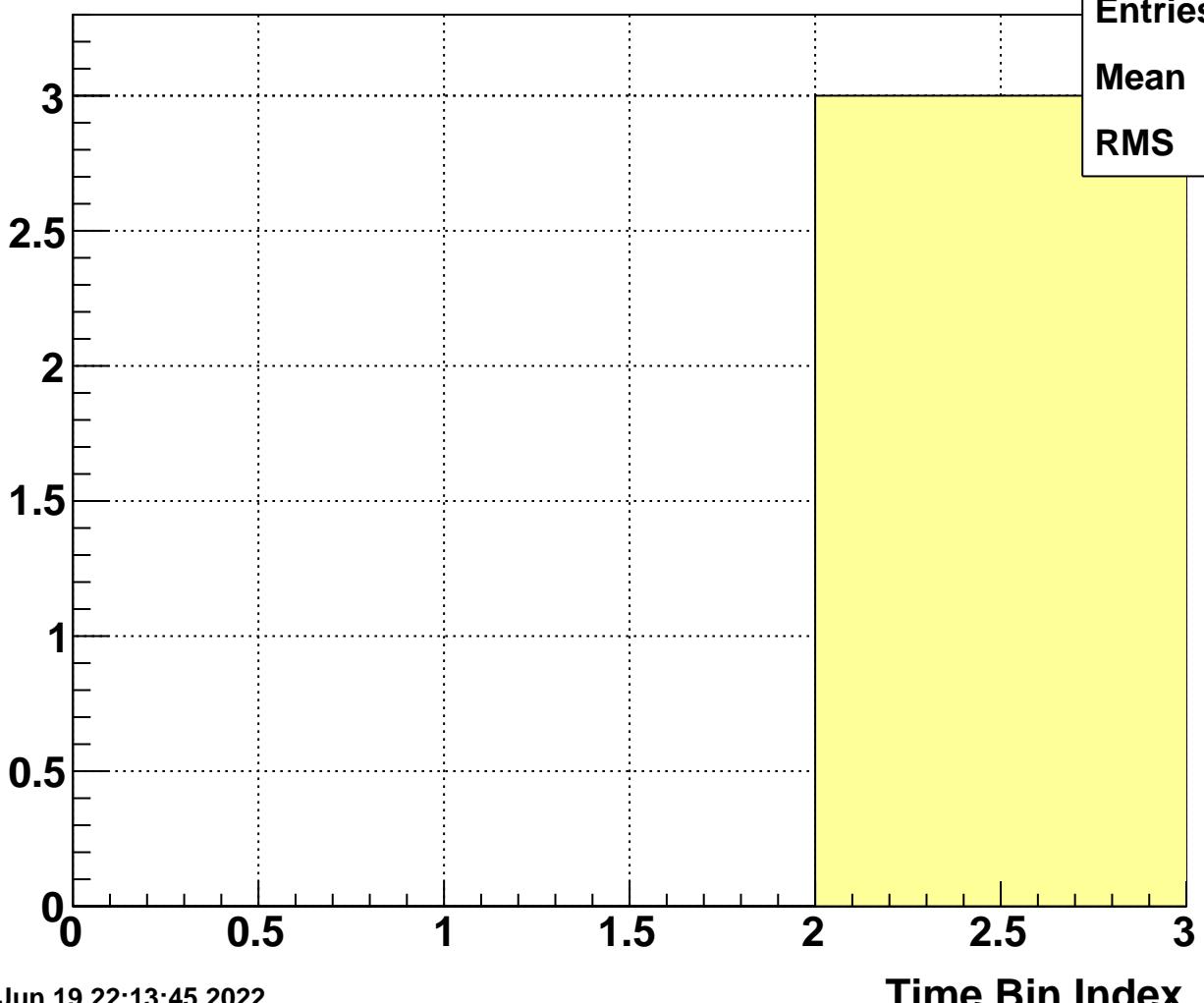
FST - Max time bin (ZS), RDO6_ARM0_PORT0_SEC1

maxTB_ZS_Section_61	
Entries	4239
Mean	2
RMS	0



FST - Max time bin (ZS), RDO6_ARM0_PORT1_SEC0

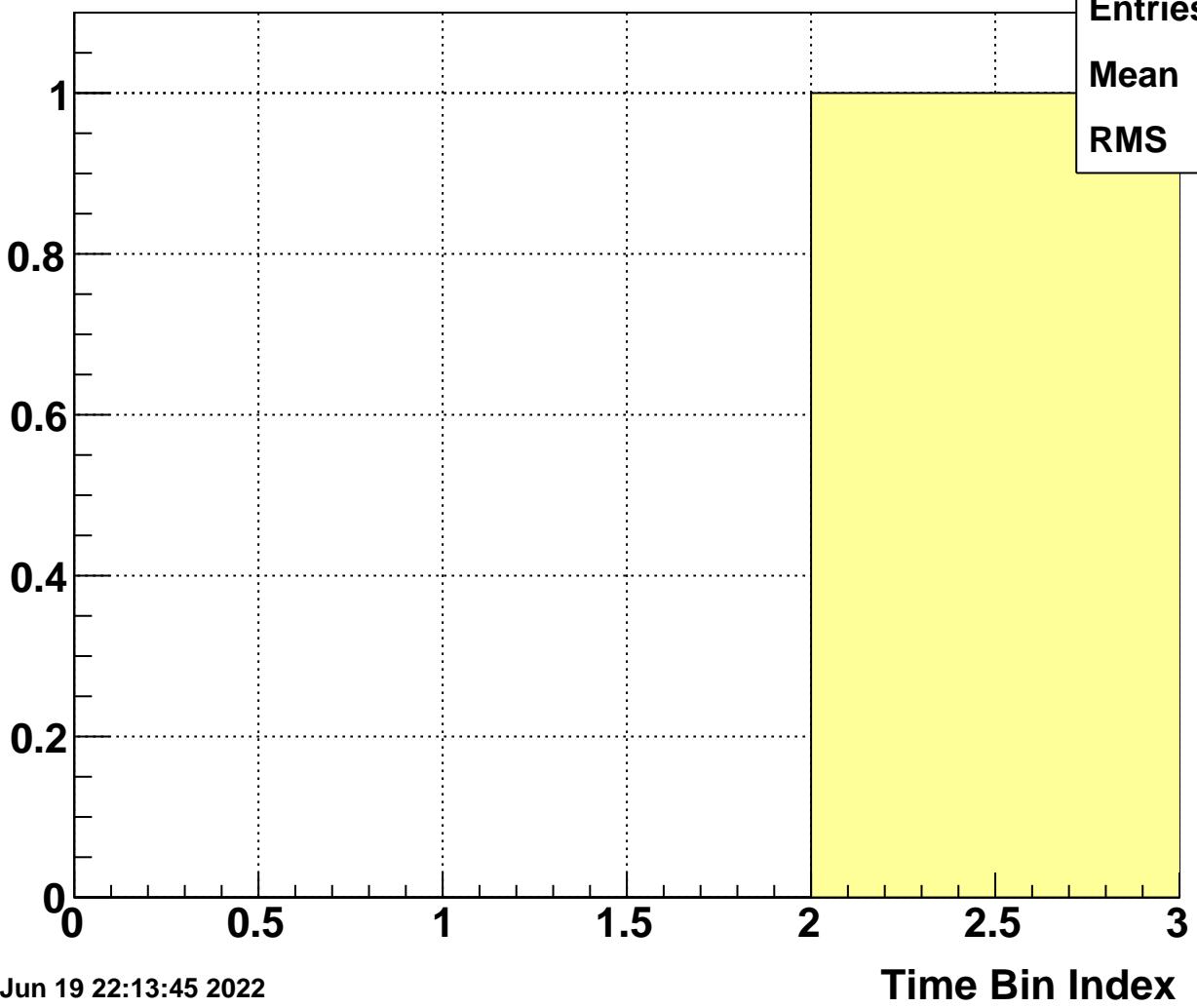
maxTB_ZS_Section_62



Entries 10709
Mean 2
RMS 0

FST - Max time bin (ZS), RDO6_ARM0_PORT1_SEC1

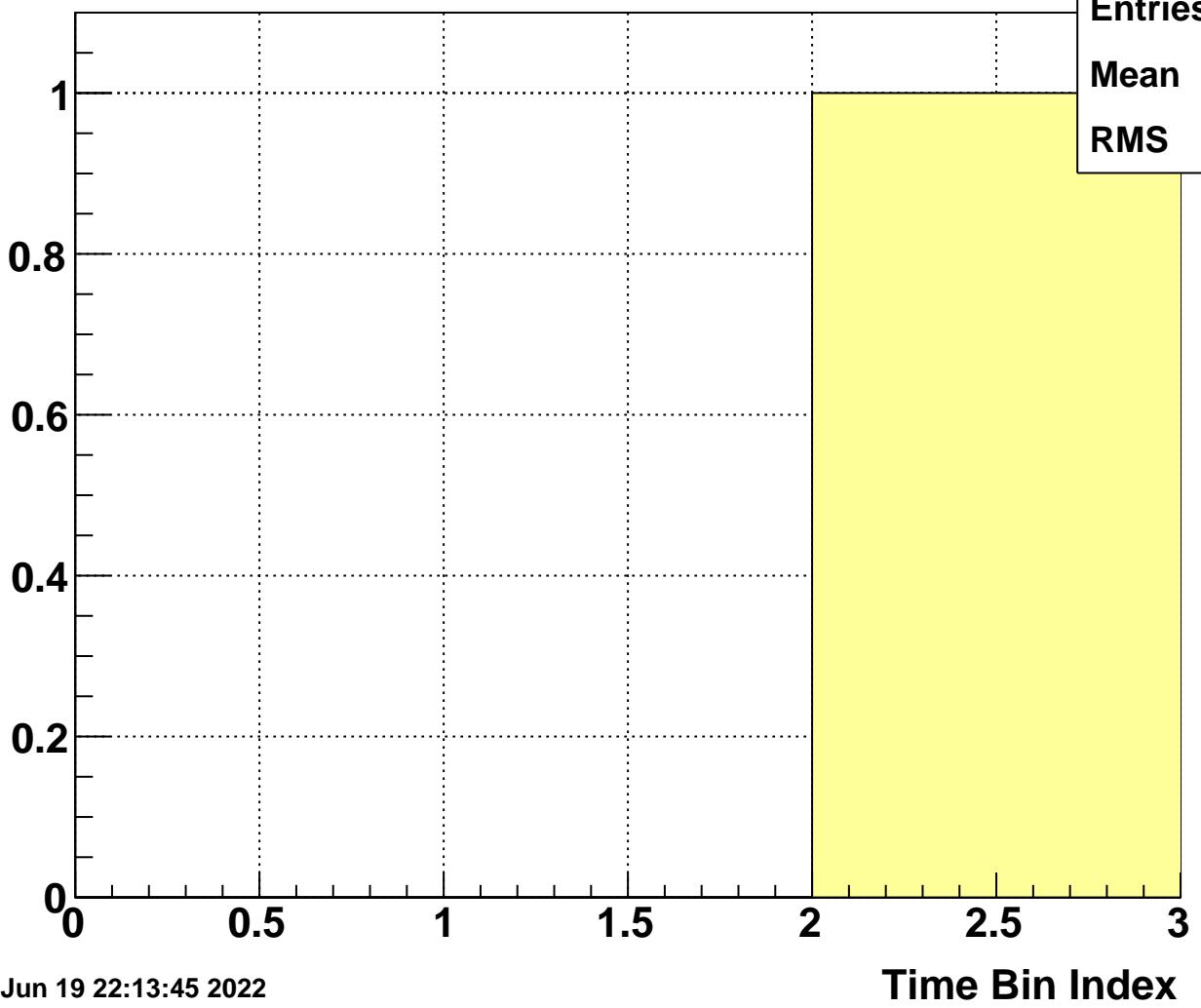
maxTB_ZS_Section_63	
Entries	6084
Mean	2
RMS	0



FST - Max time bin (ZS), RDO6_ARM1_PORT0_SEC0

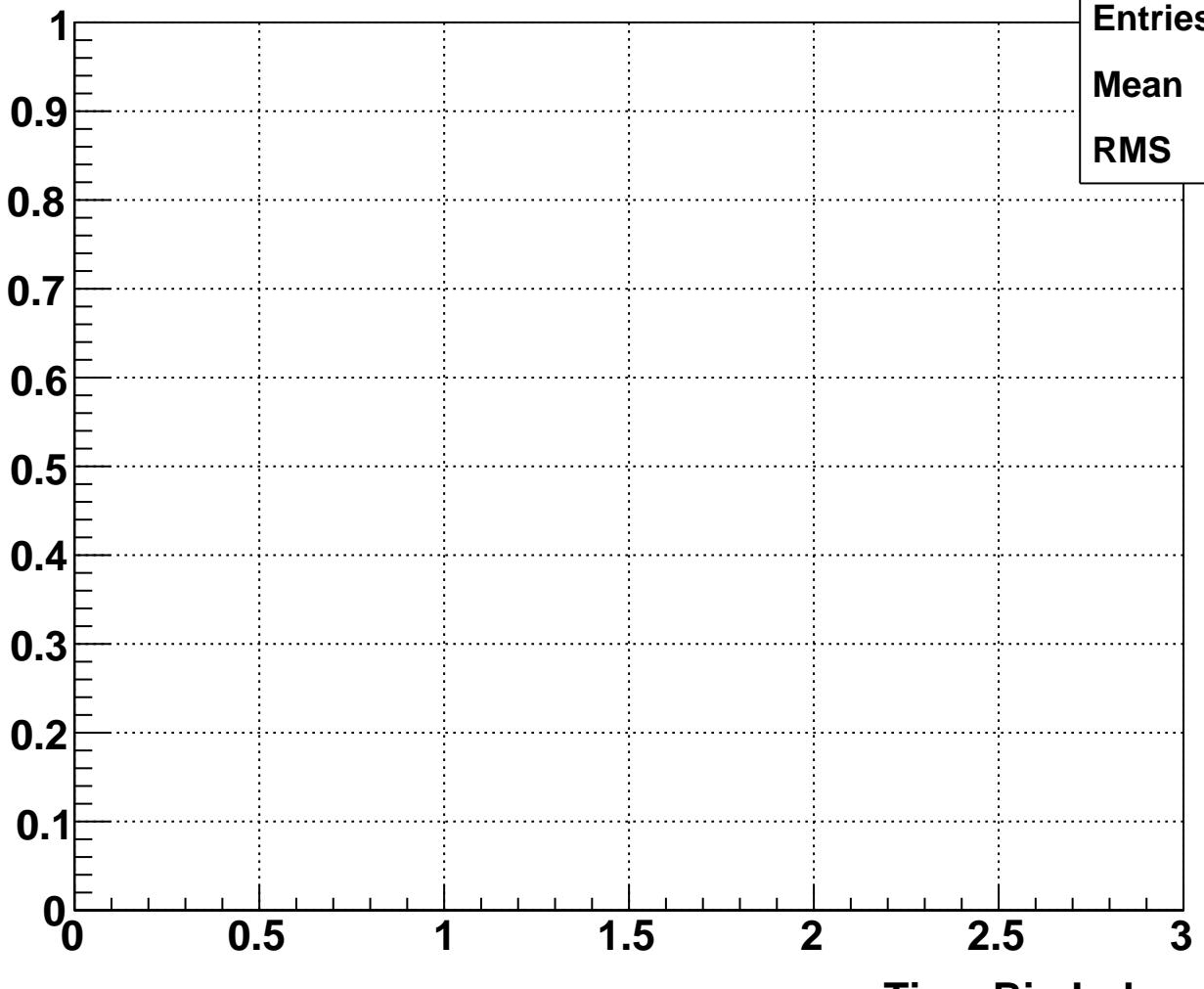
maxTB_ZS_Section_64

Entries 11146
Mean 2
RMS 0



FST - Max time bin (ZS), RDO6_ARM1_PORT0_SEC1

maxTB_ZS_Section_65

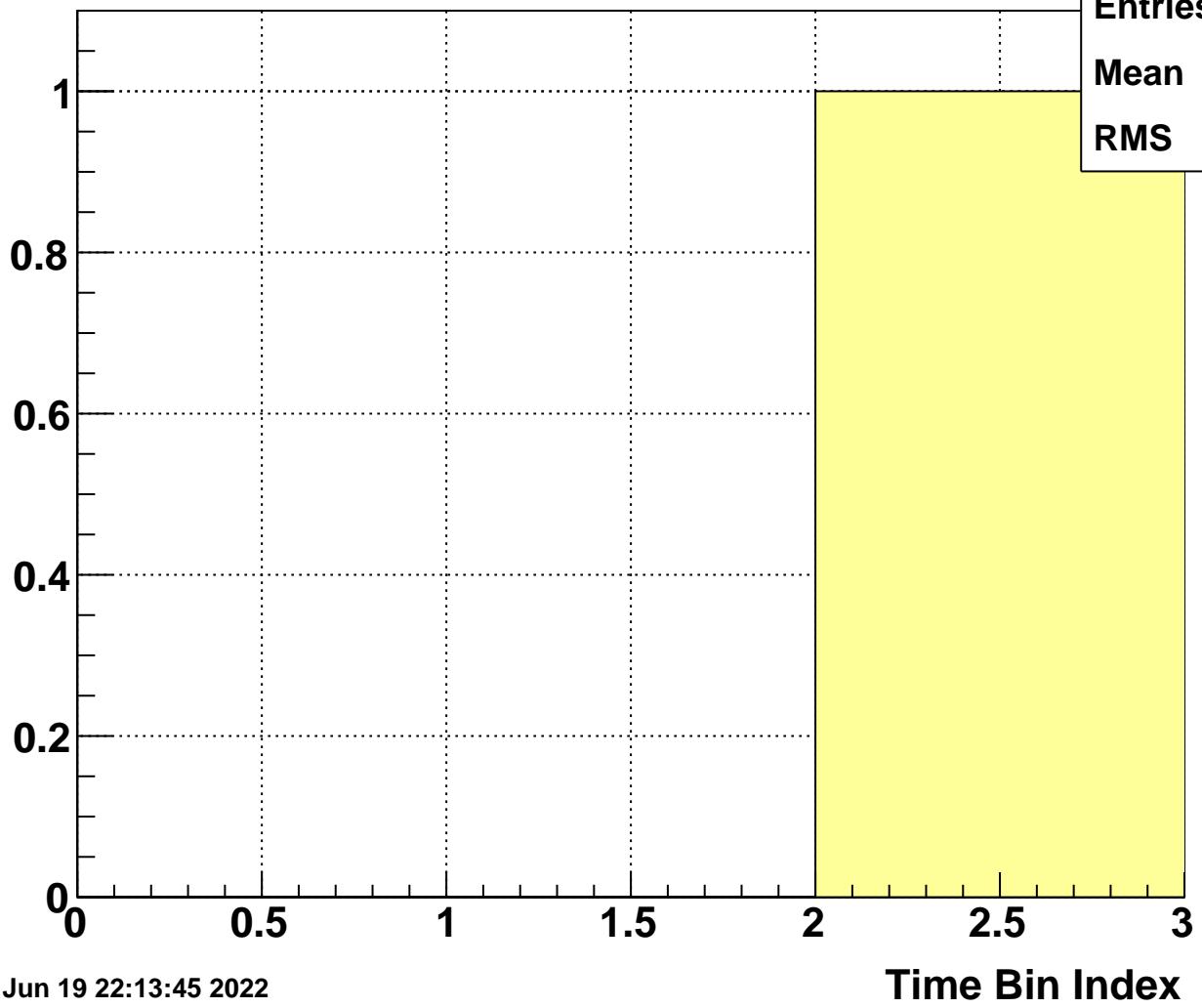


Entries	6244
Mean	0
RMS	0

FST - Max time bin (ZS), RDO6_ARM1_PORT1_SEC0

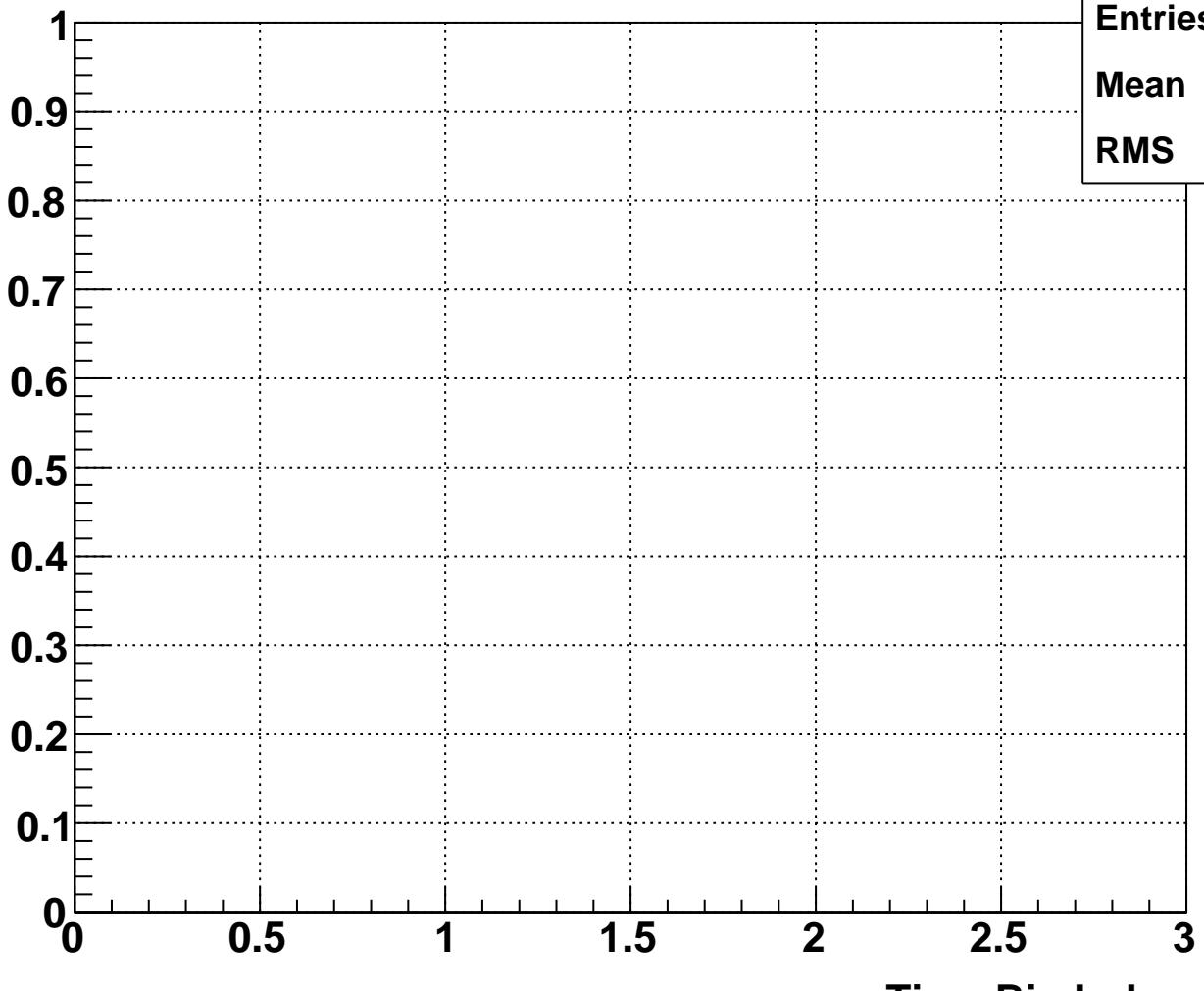
maxTB_ZS_Section_66

Entries 11339
Mean 2
RMS 0



FST - Max time bin (ZS), RDO6_ARM1_PORT1_SEC1

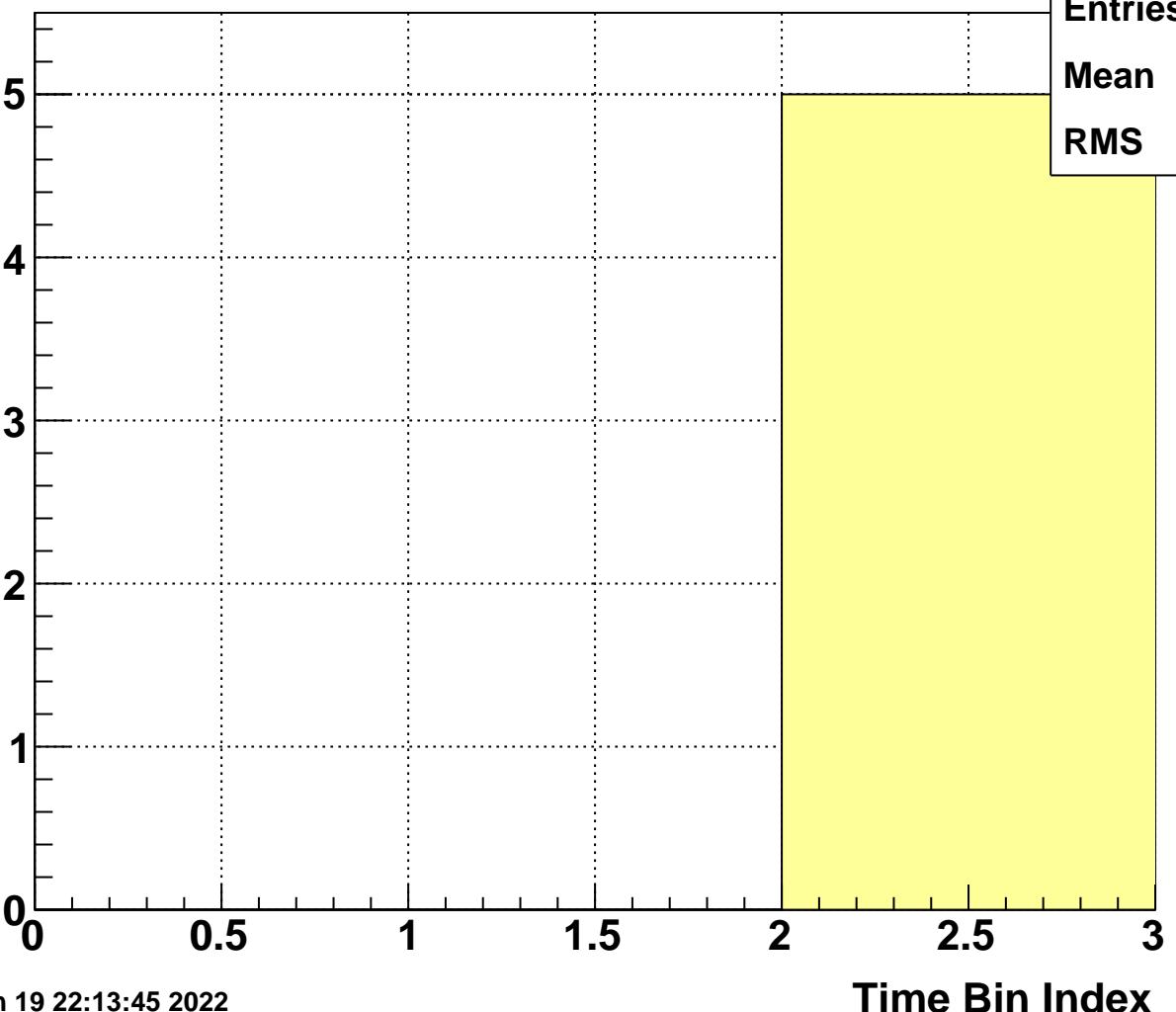
maxTB_ZS_Section_67



Entries	7172
Mean	0
RMS	0

FST - Max time bin (ZS), RDO6_ARM2_PORT0_SEC0

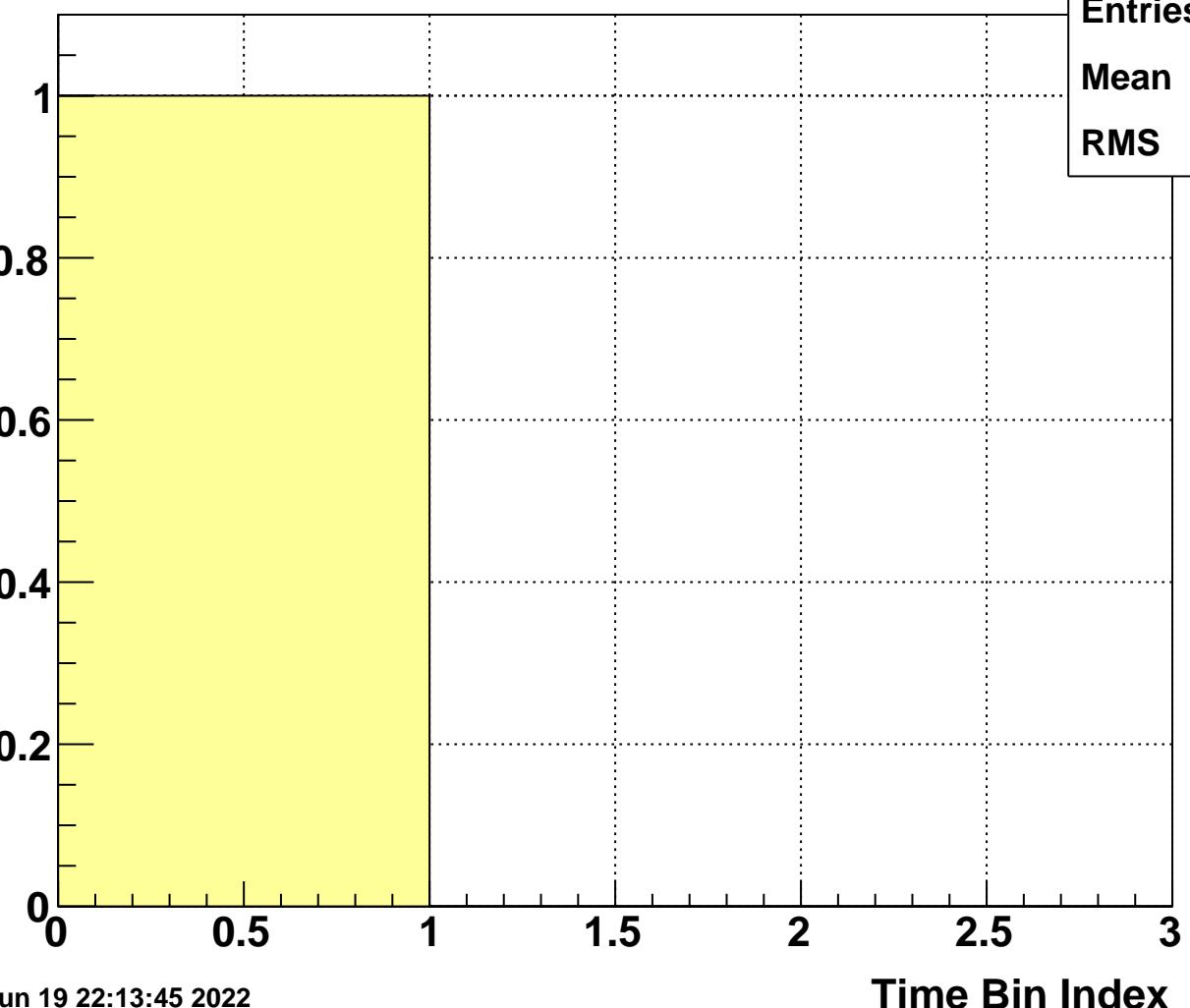
maxTB_ZS_Section_68



Entries 12044
Mean 2
RMS 0

FST - Max time bin (ZS), RDO6_ARM2_PORT0_SEC1

maxTB_ZS_Section_69

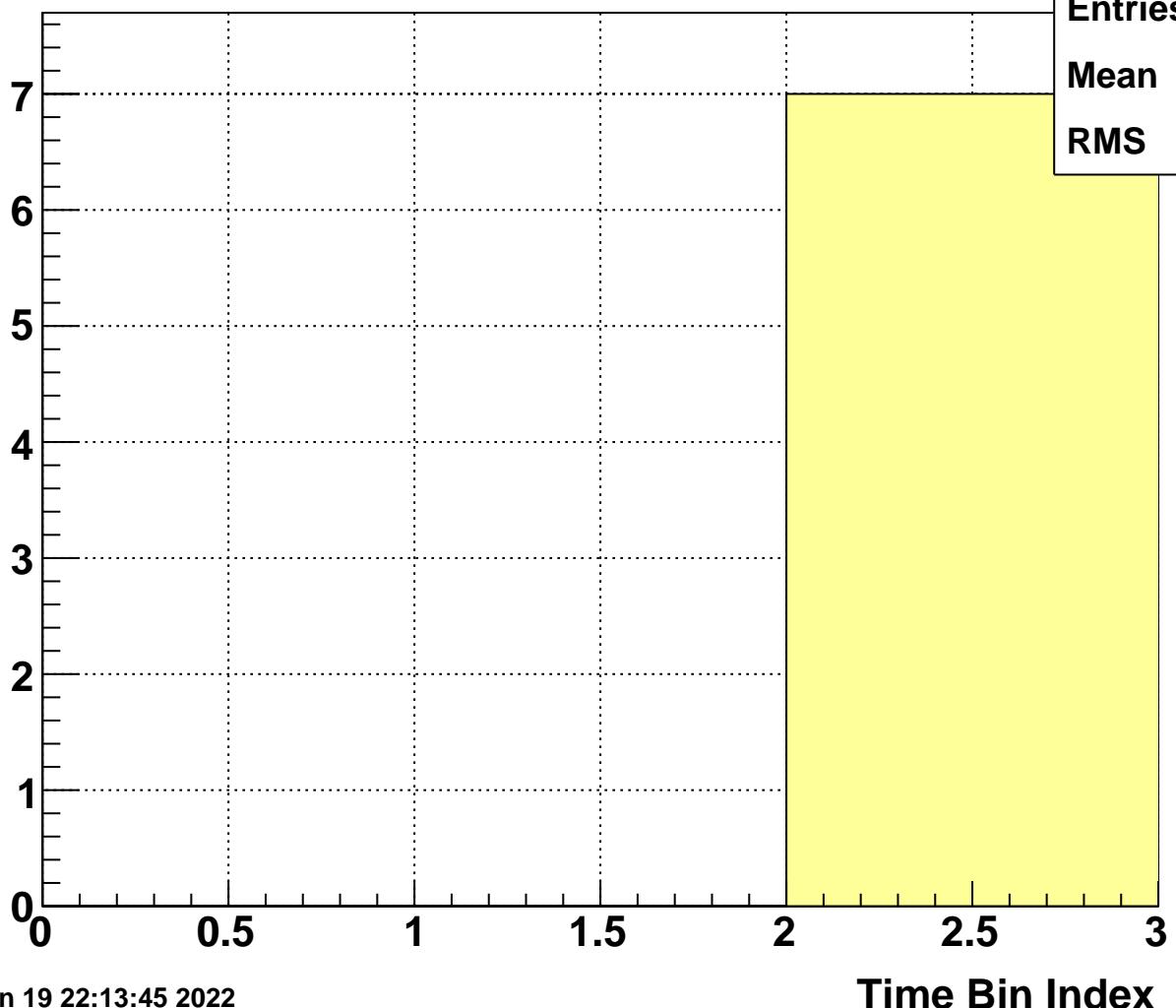


Entries	5672
Mean	0
RMS	0

FST - Max time bin (ZS), RDO6_ARM2_PORT1_SEC0

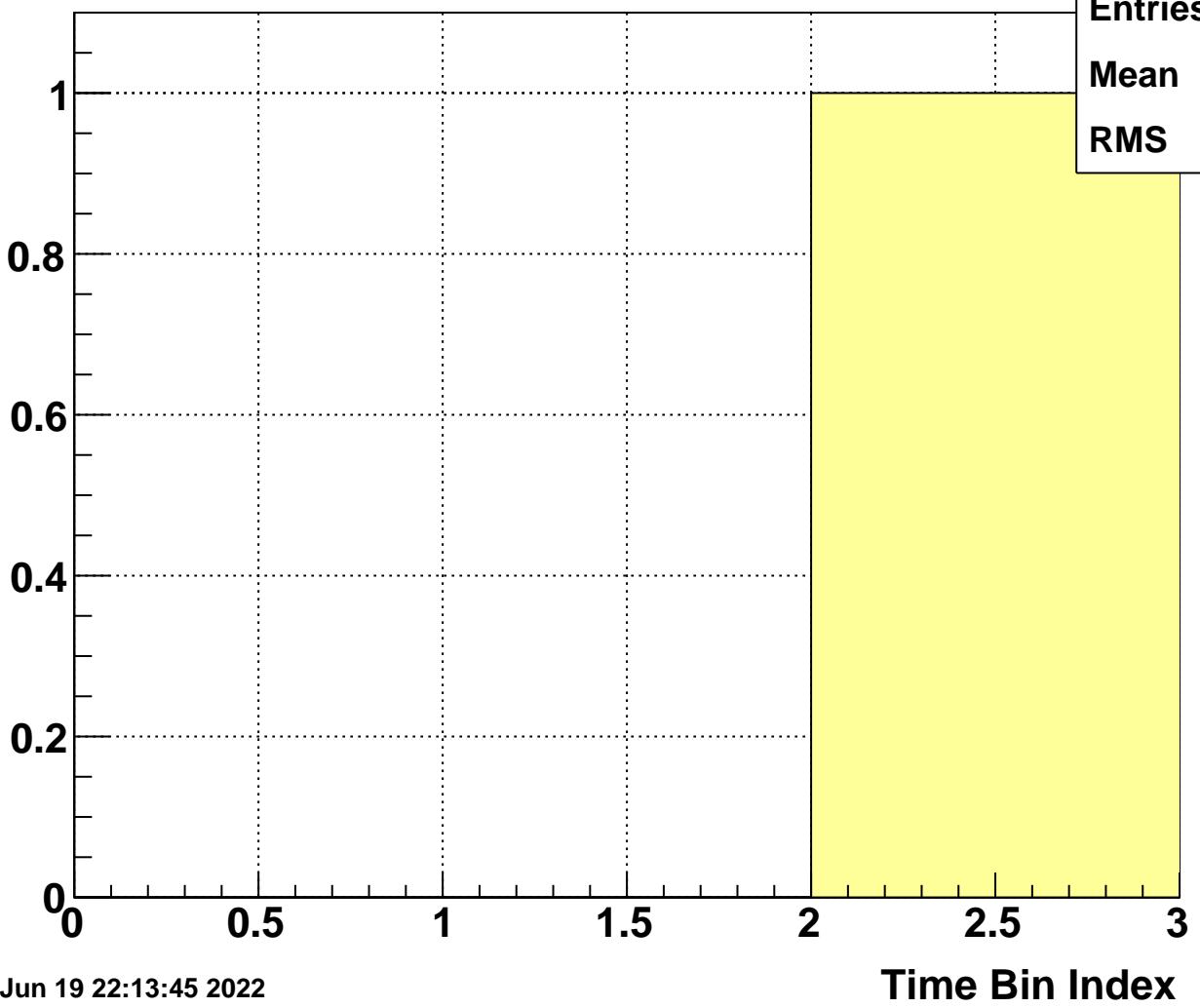
maxTB_ZS_Section_70

Entries 12108
Mean 2
RMS 0



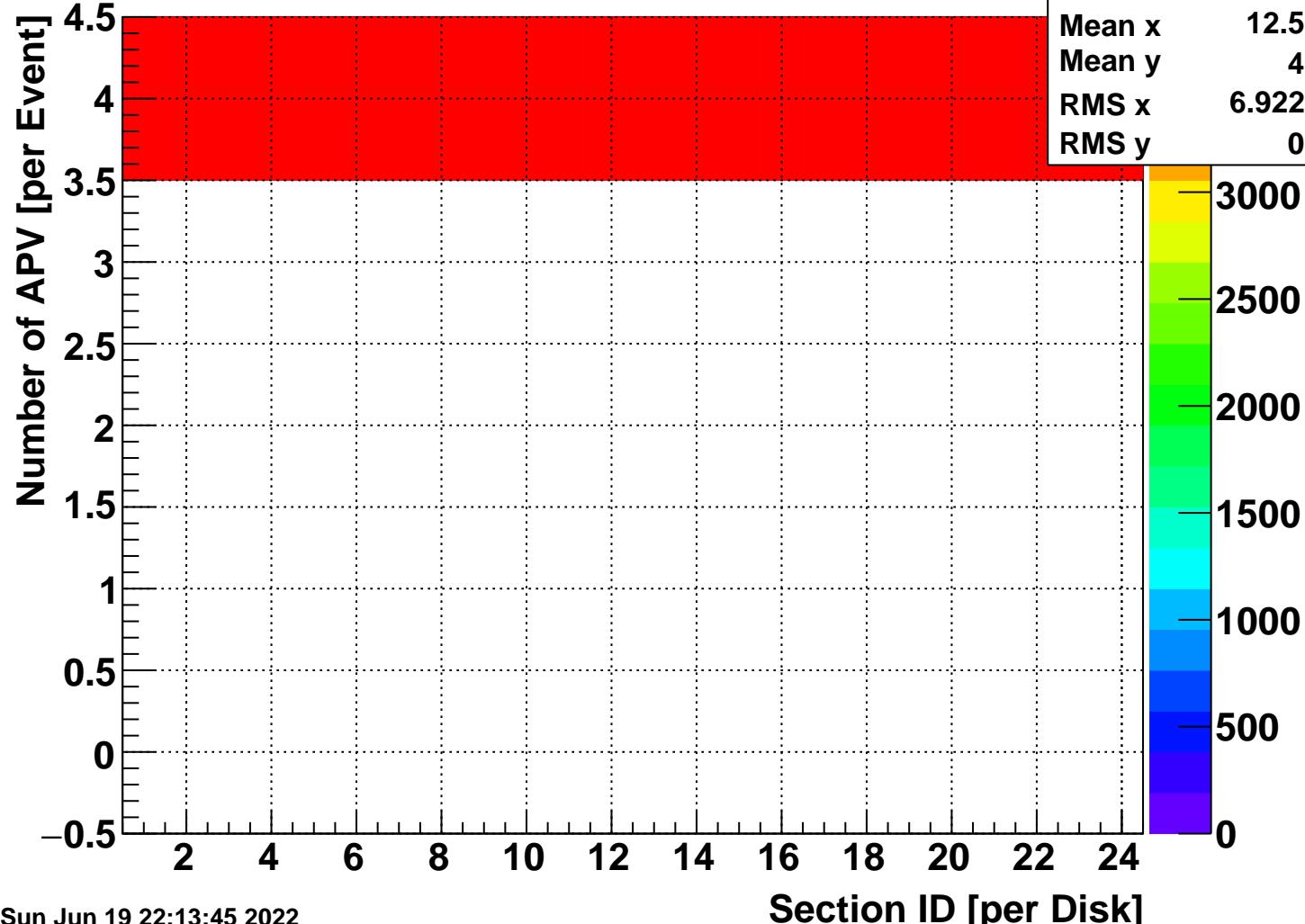
FST - Max time bin (ZS), RDO6_ARM2_PORT1_SEC1

maxTB_ZS_Section_71	
Entries	5828
Mean	2
RMS	0



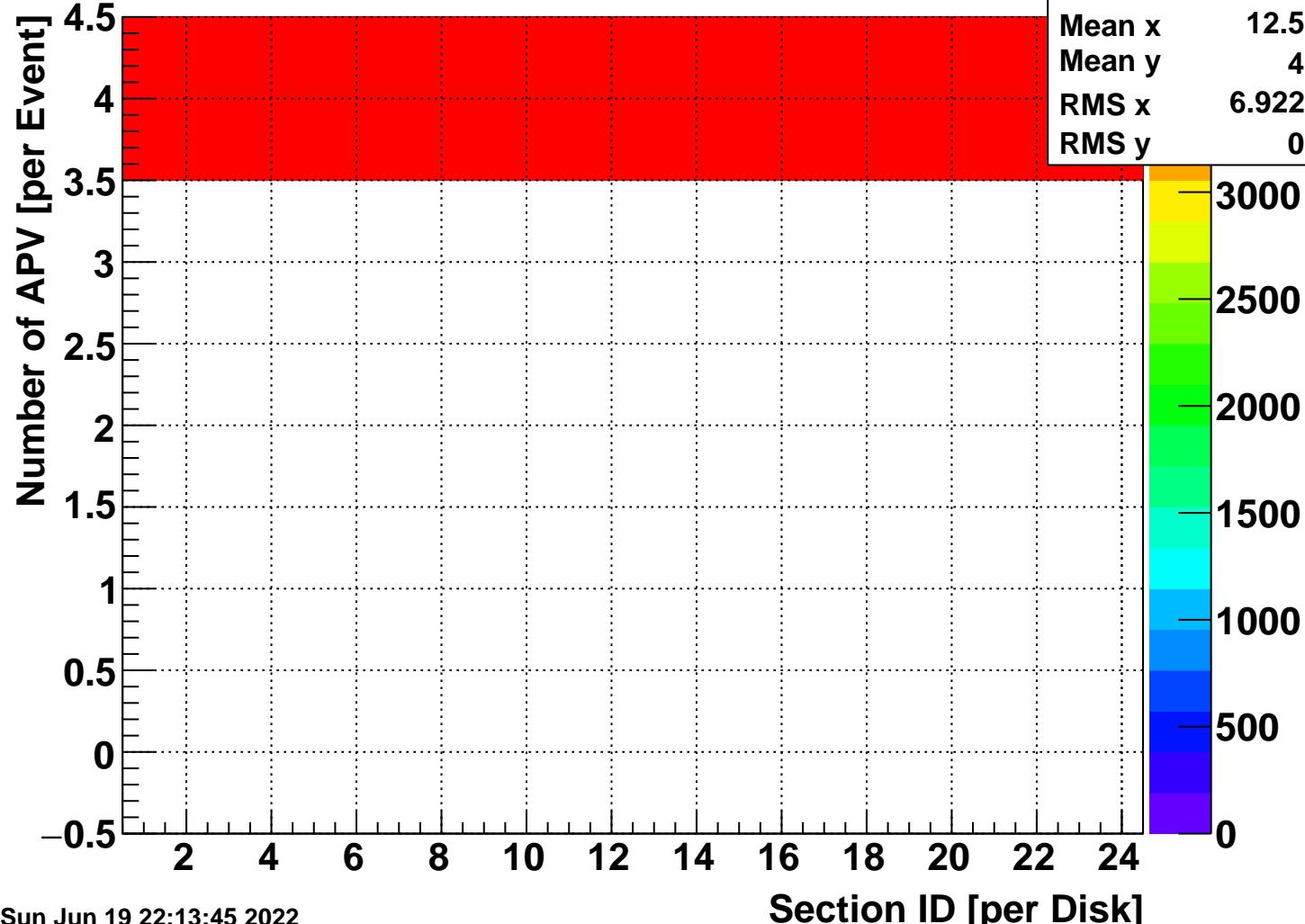
FST - Visible APVs per Module for Disk1

VisibleAPVperMoudleDisk1	
Entries	91656
Mean x	12.5
Mean y	4
RMS x	6.922
RMS y	0



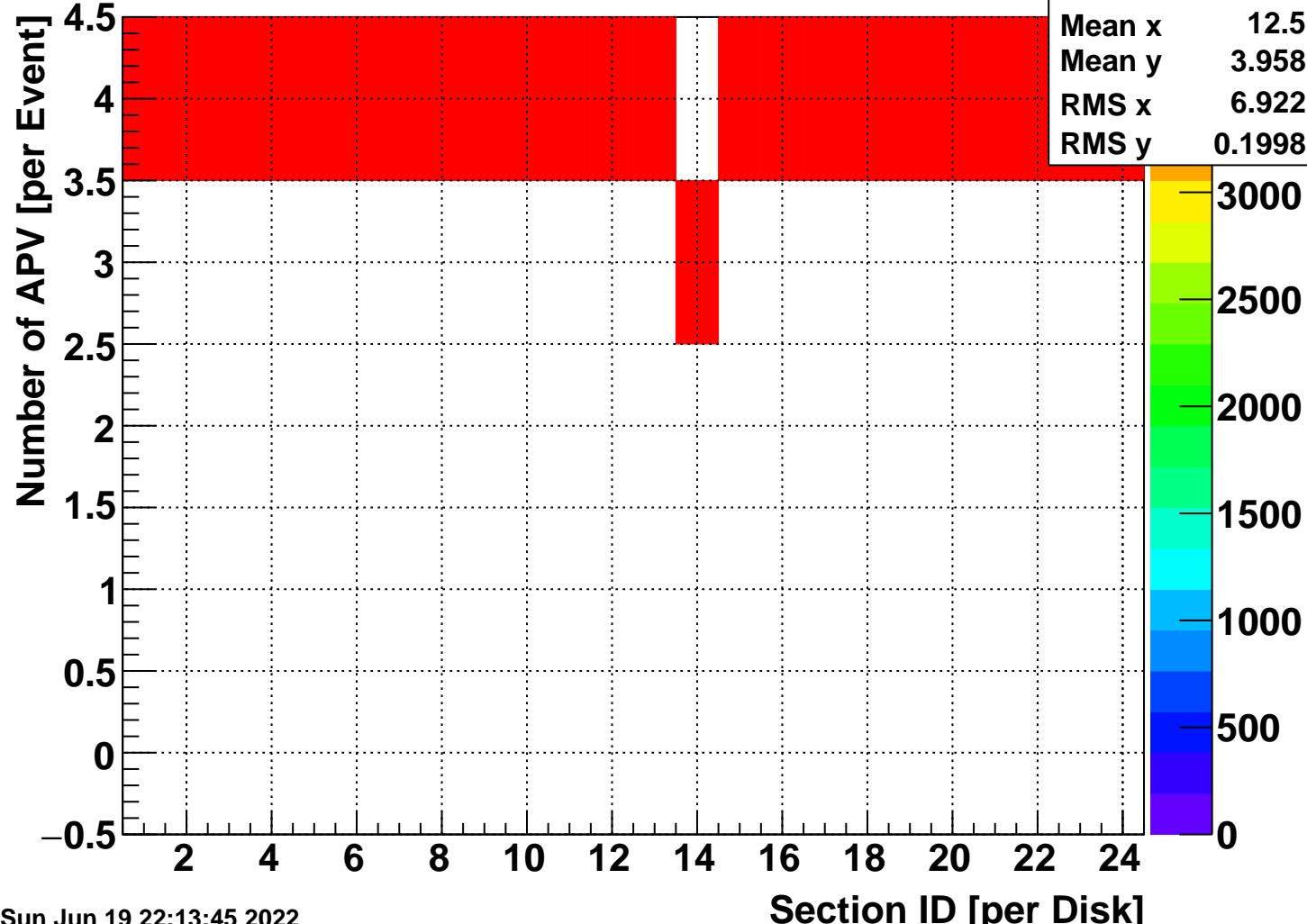
FST - Visible APVs per Module for Disk2

VisibleAPVperModuleDisk2	
Entries	91656
Mean x	12.5
Mean y	4
RMS x	6.922
RMS y	0

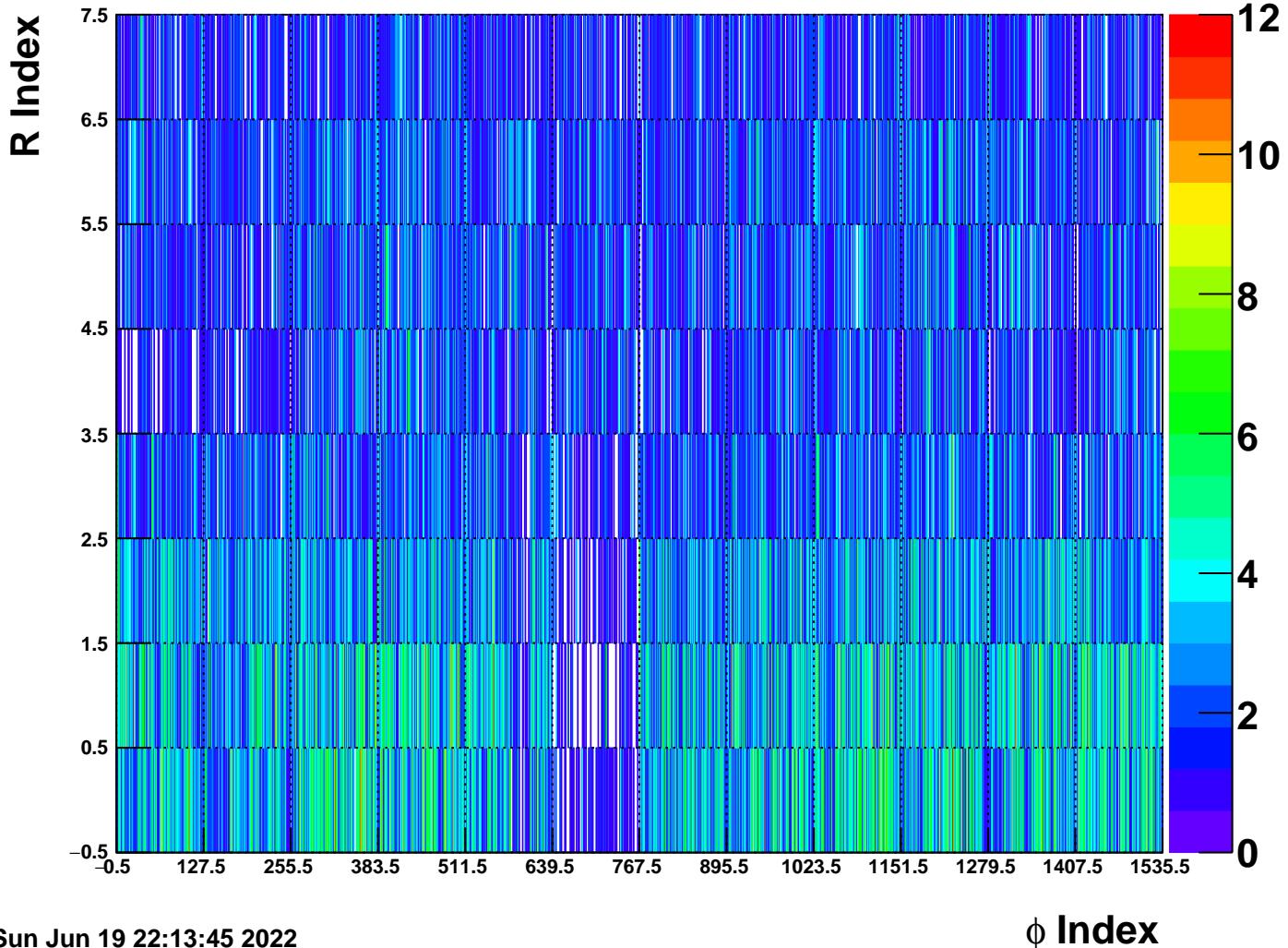


FST - Visible APVs per Module for Disk3

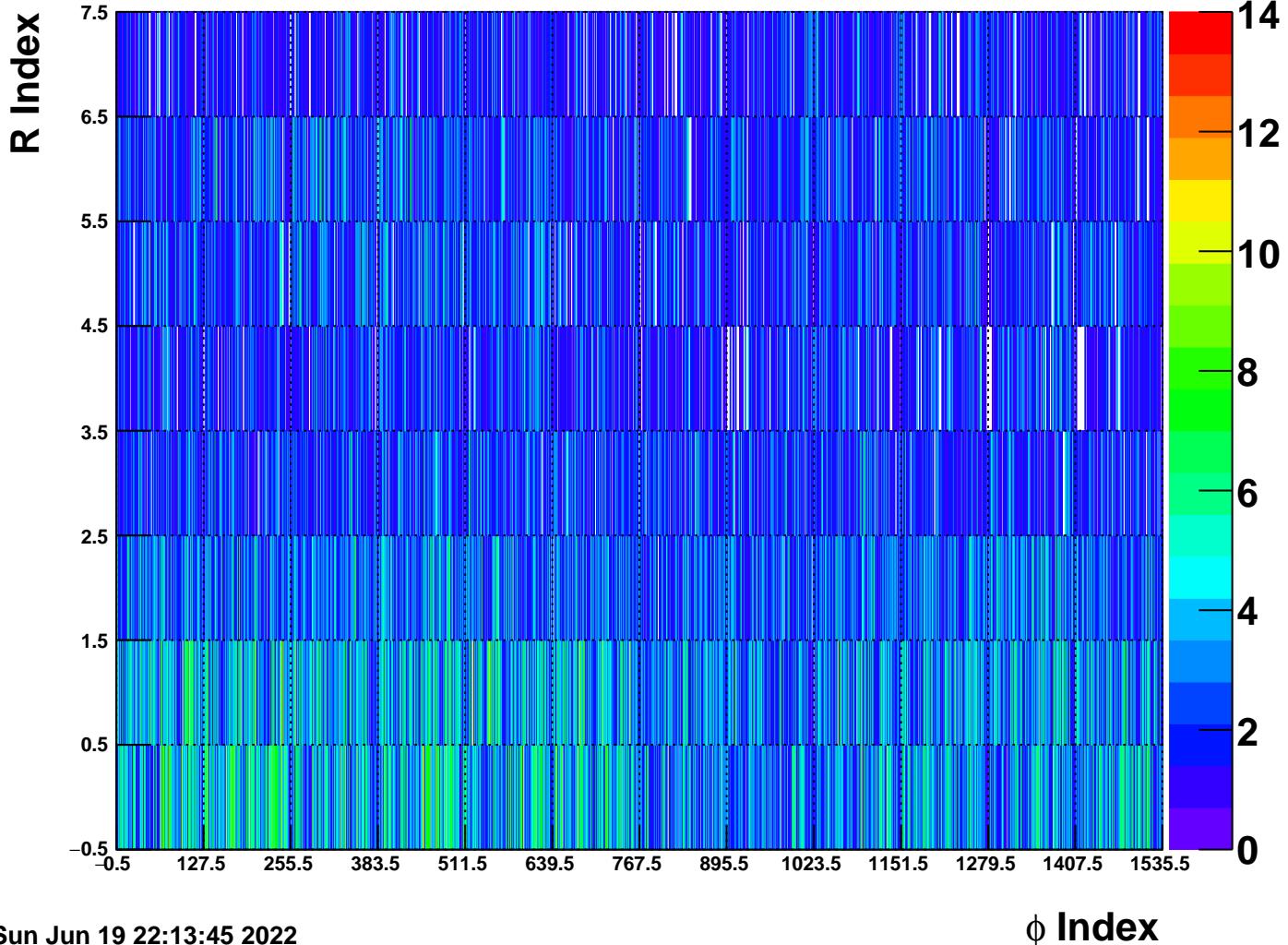
VisibleAPVperModuleDisk3	
Entries	91656
Mean x	12.5
Mean y	3.958
RMS x	6.922
RMS y	0.1998



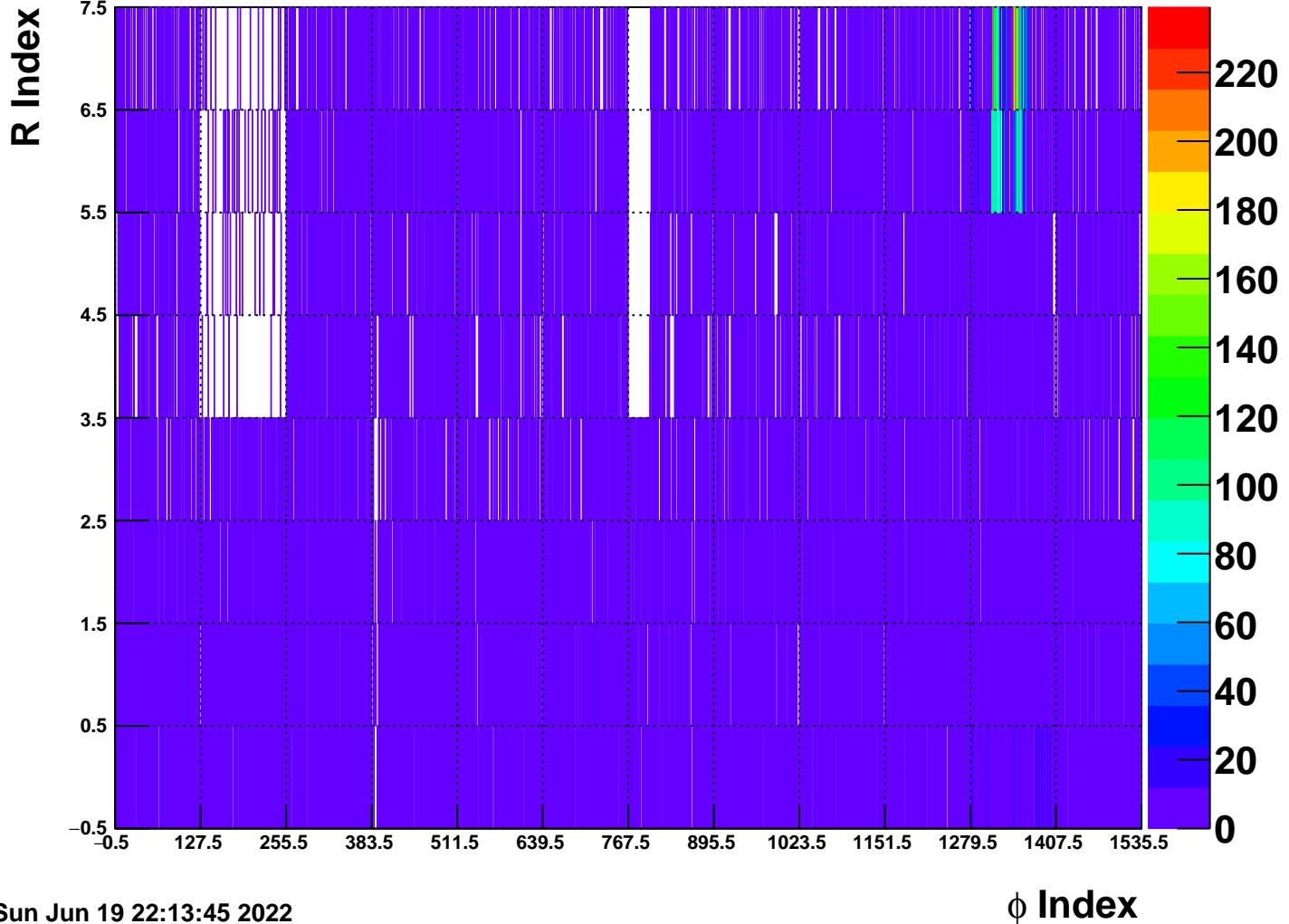
FST - Hit map (non-ZS) for Disk1



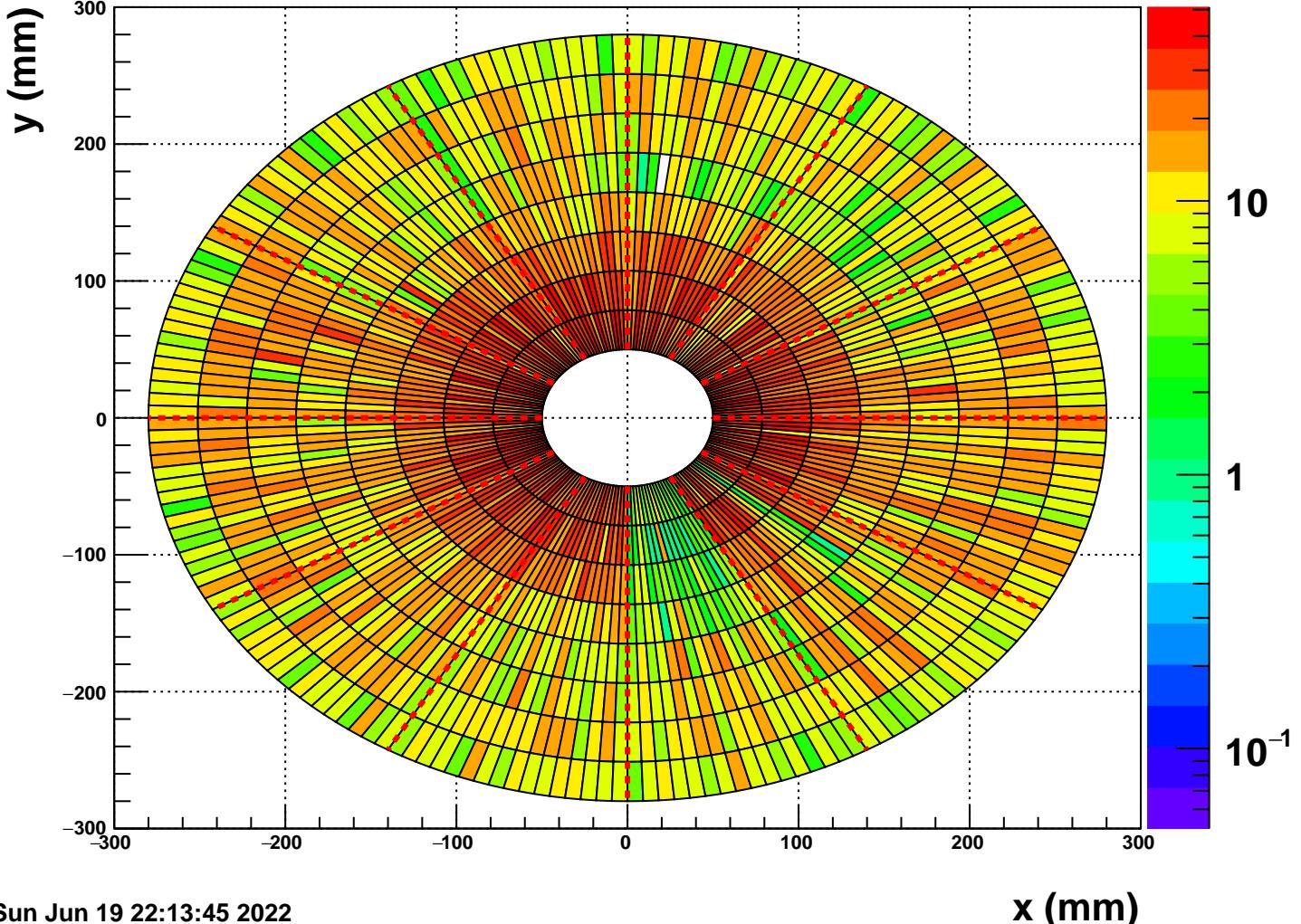
FST - Hit map (non-ZS) for Disk2



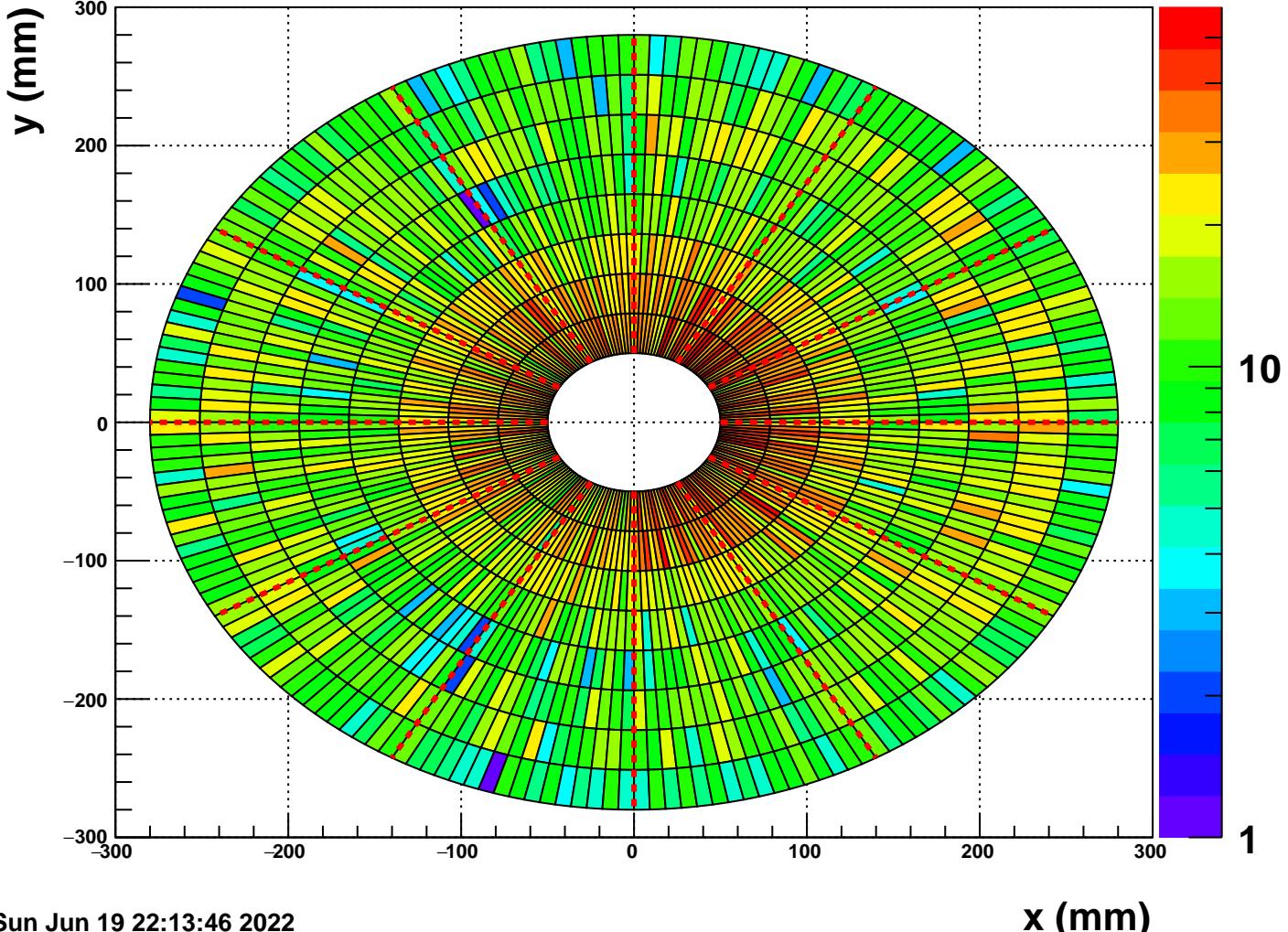
FST - Hit map (non-ZS) for Disk3



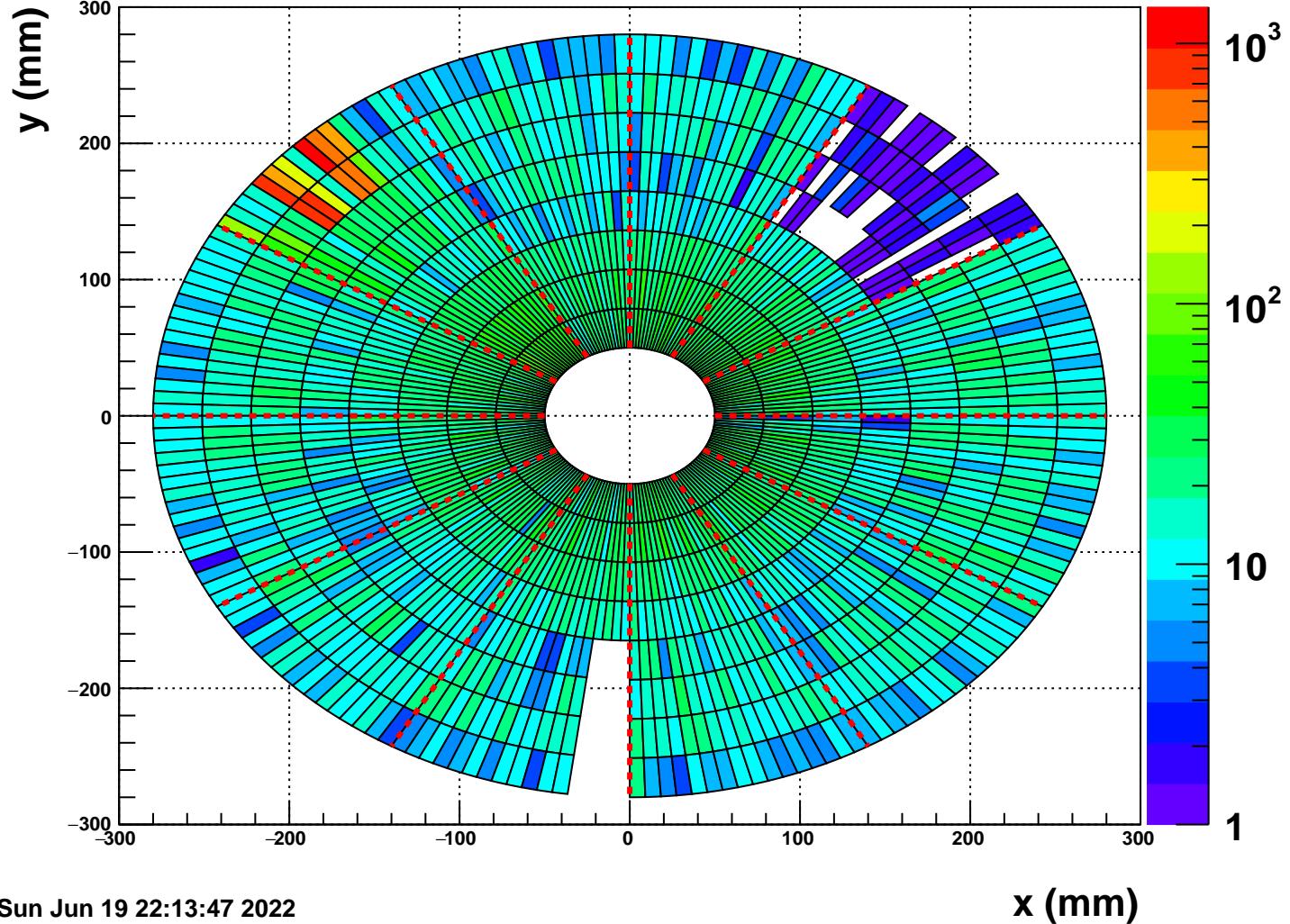
FST - Hit Map Display (non-ZS) for Disk1



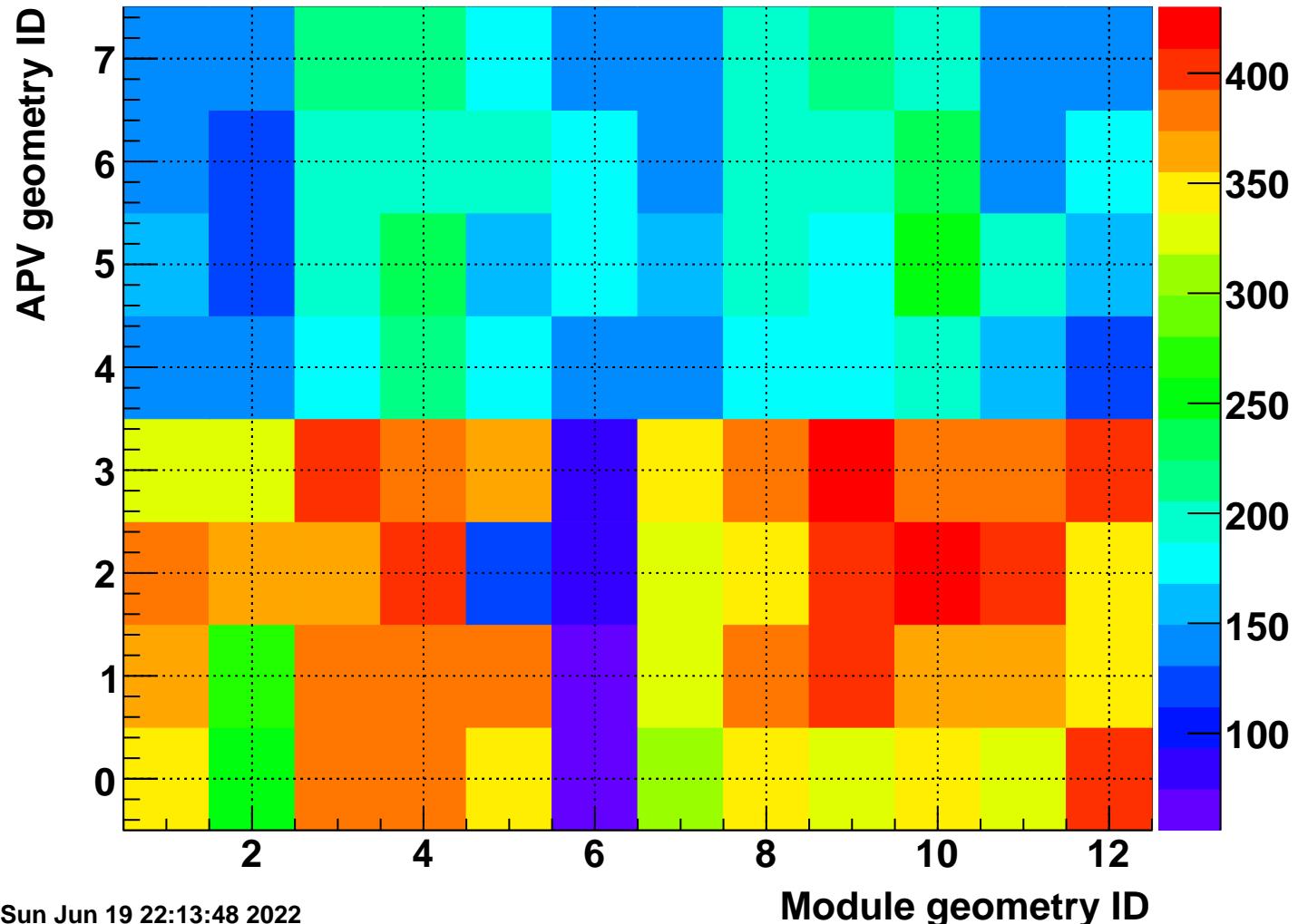
FST - Hit Map Display (non-ZS) for Disk2



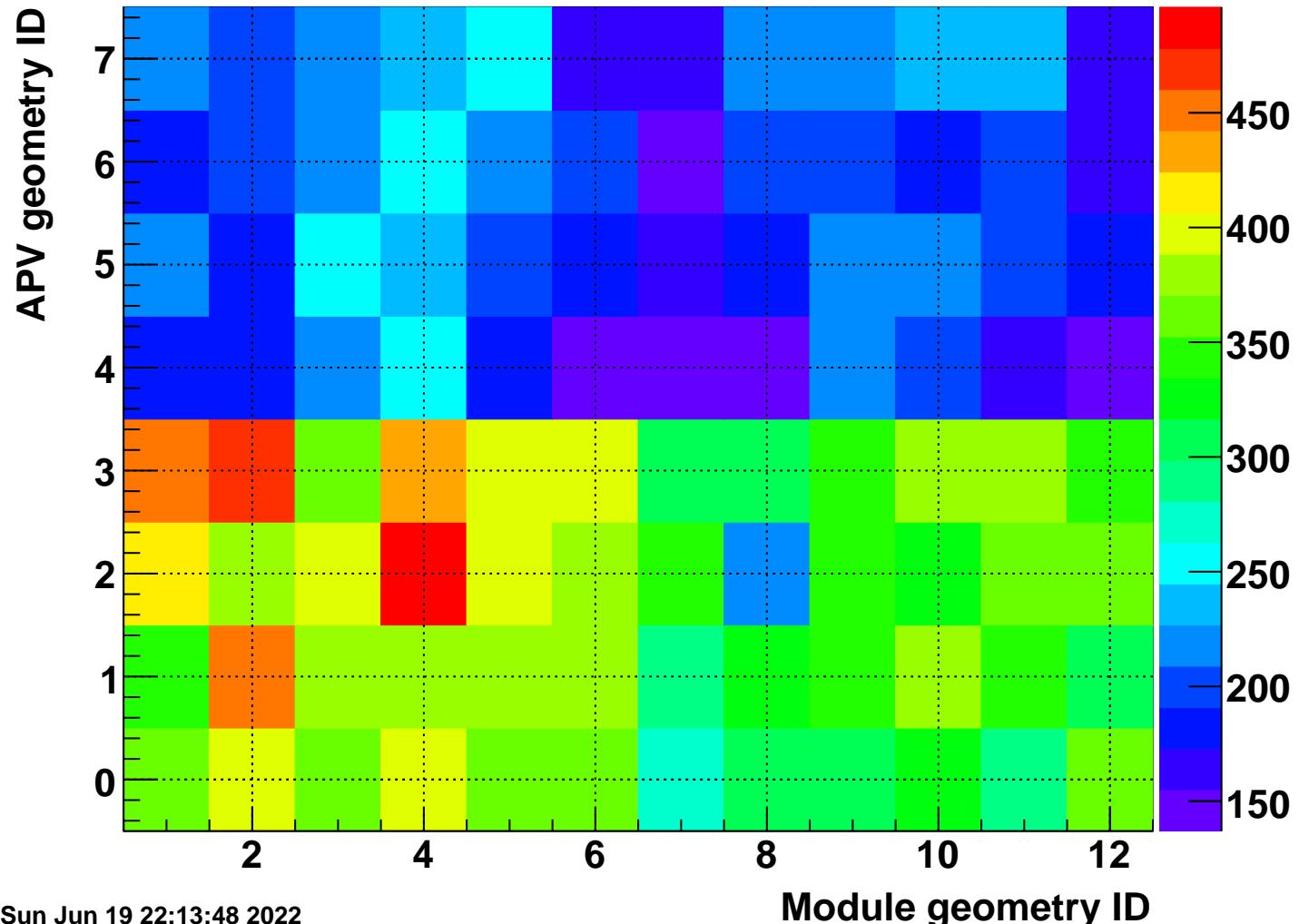
FST - Hit Map Display (non-ZS) for Disk3



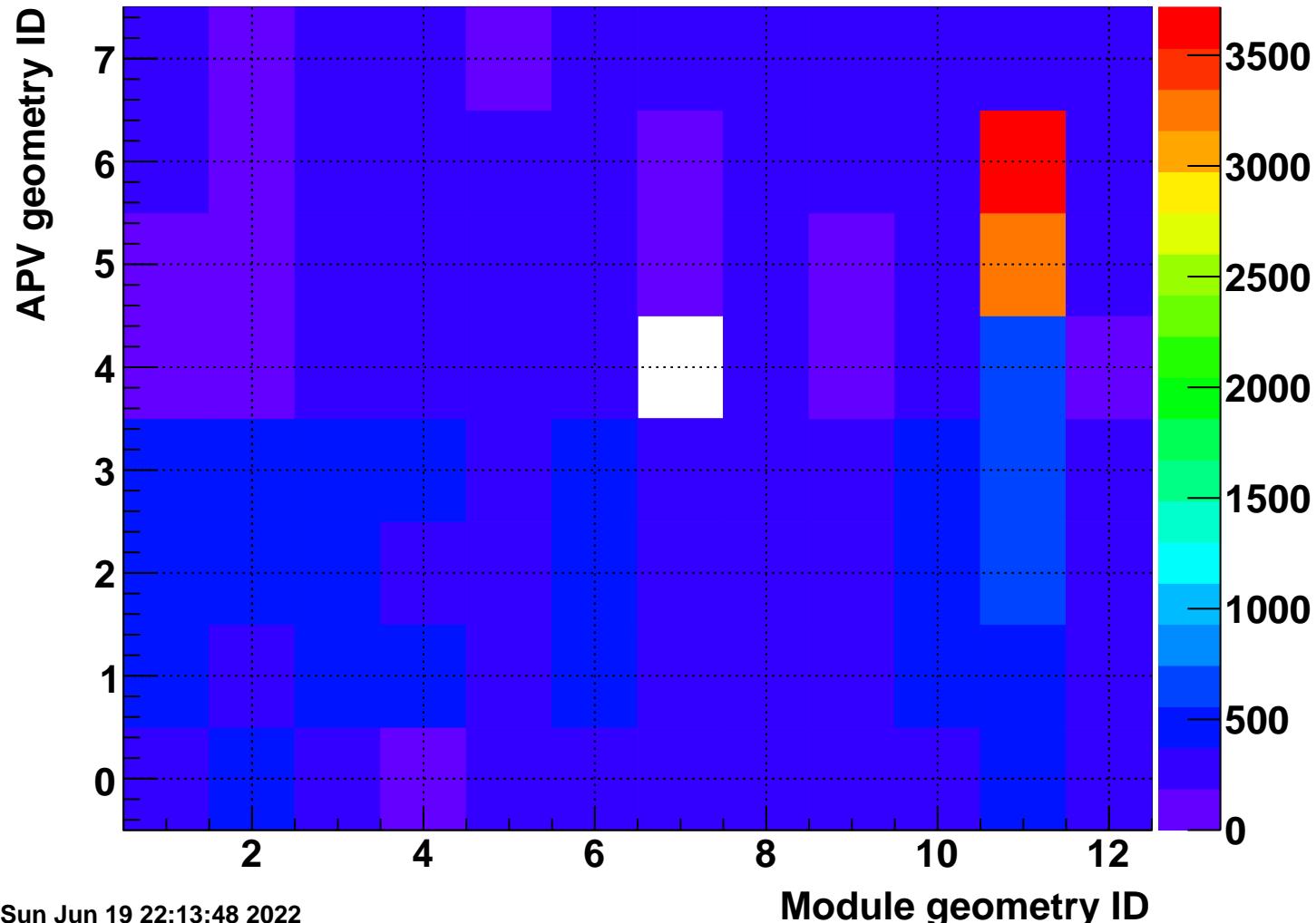
FST - Hit map in Module vs APV (non-ZS) for Disk1



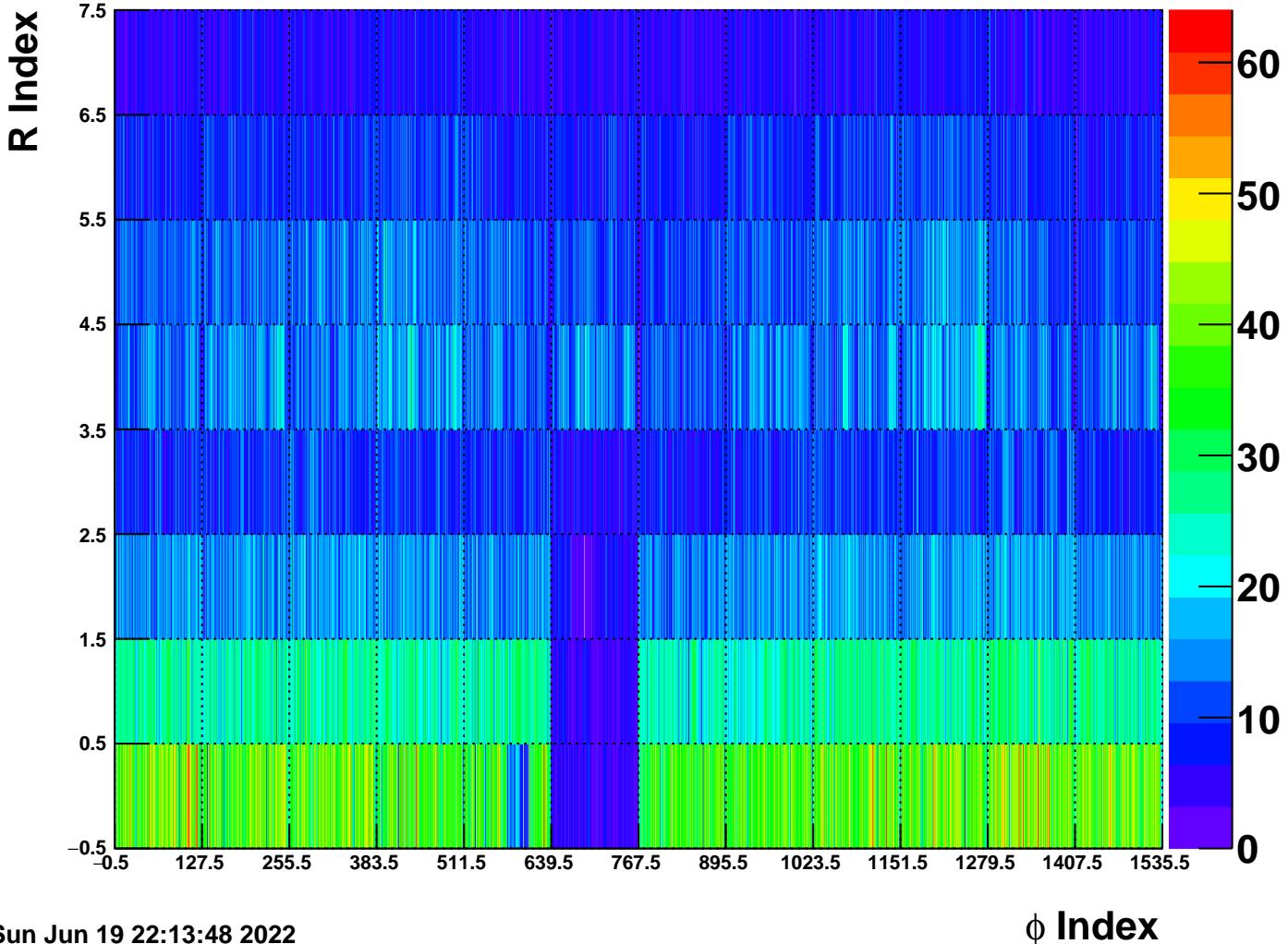
FST - Hit map in Module vs APV (non-ZS) for Disk2



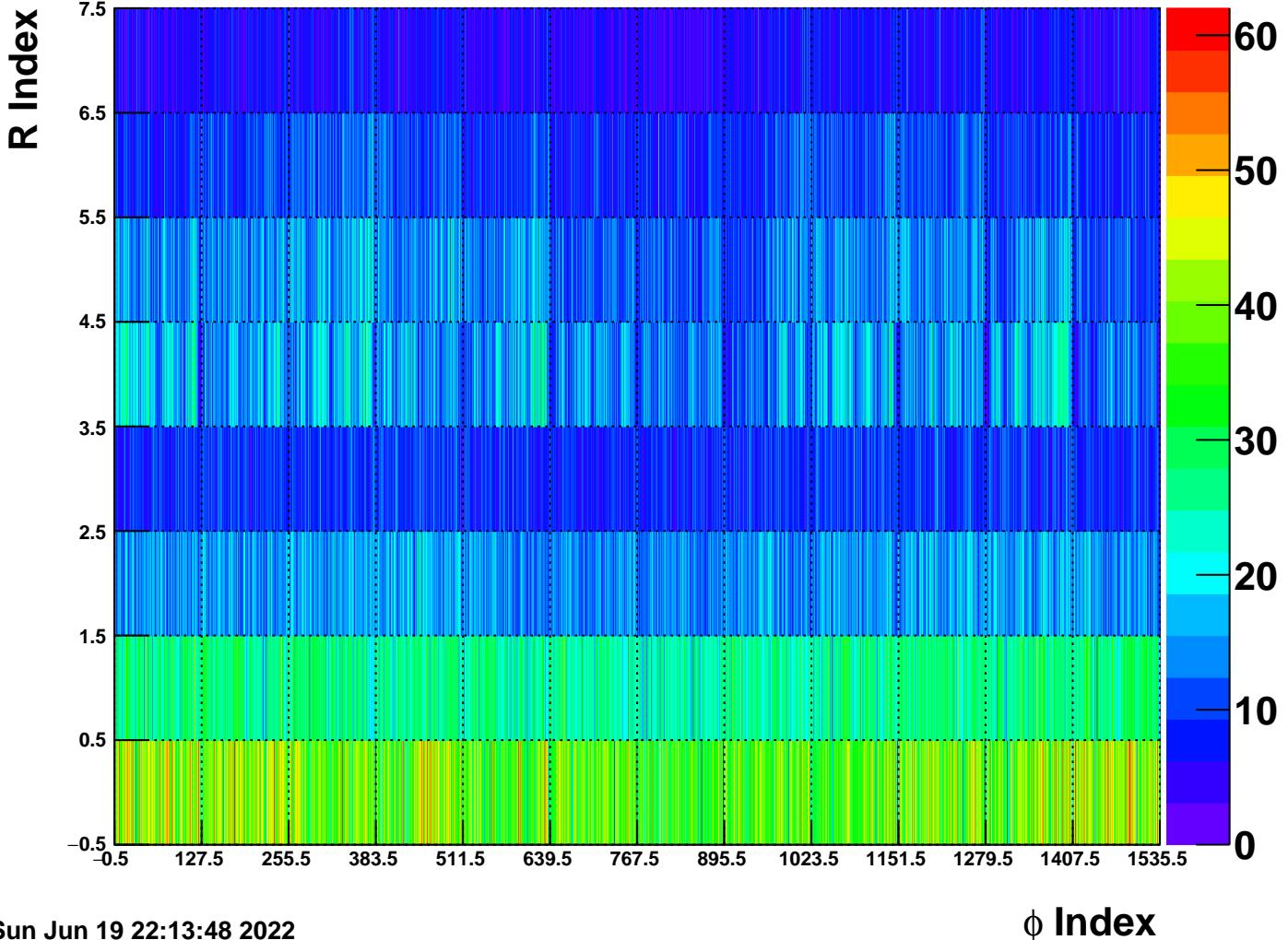
FST - Hit map in Module vs APV (non-ZS) for Disk3



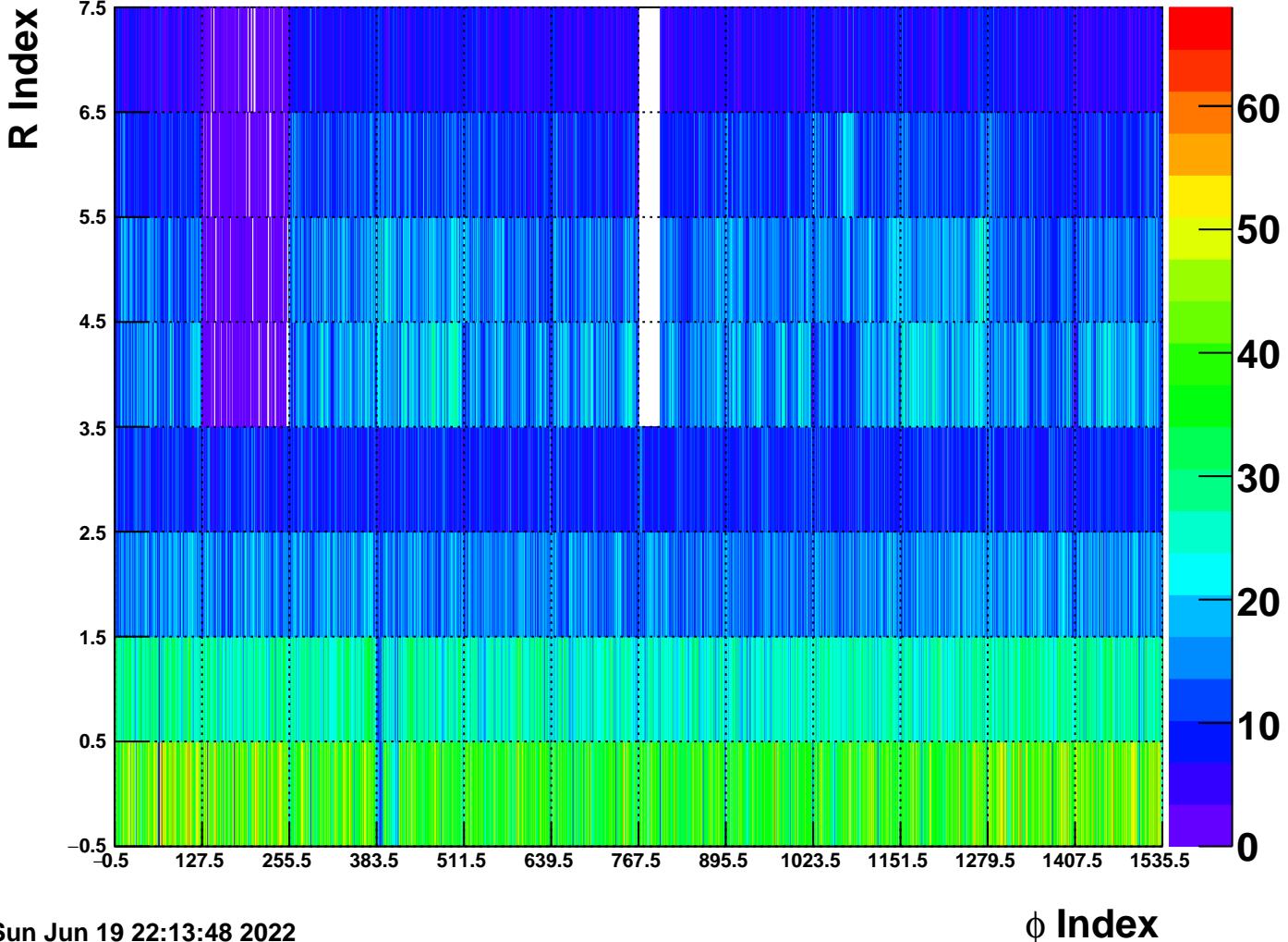
FST - Hit map (ZS) for Disk1



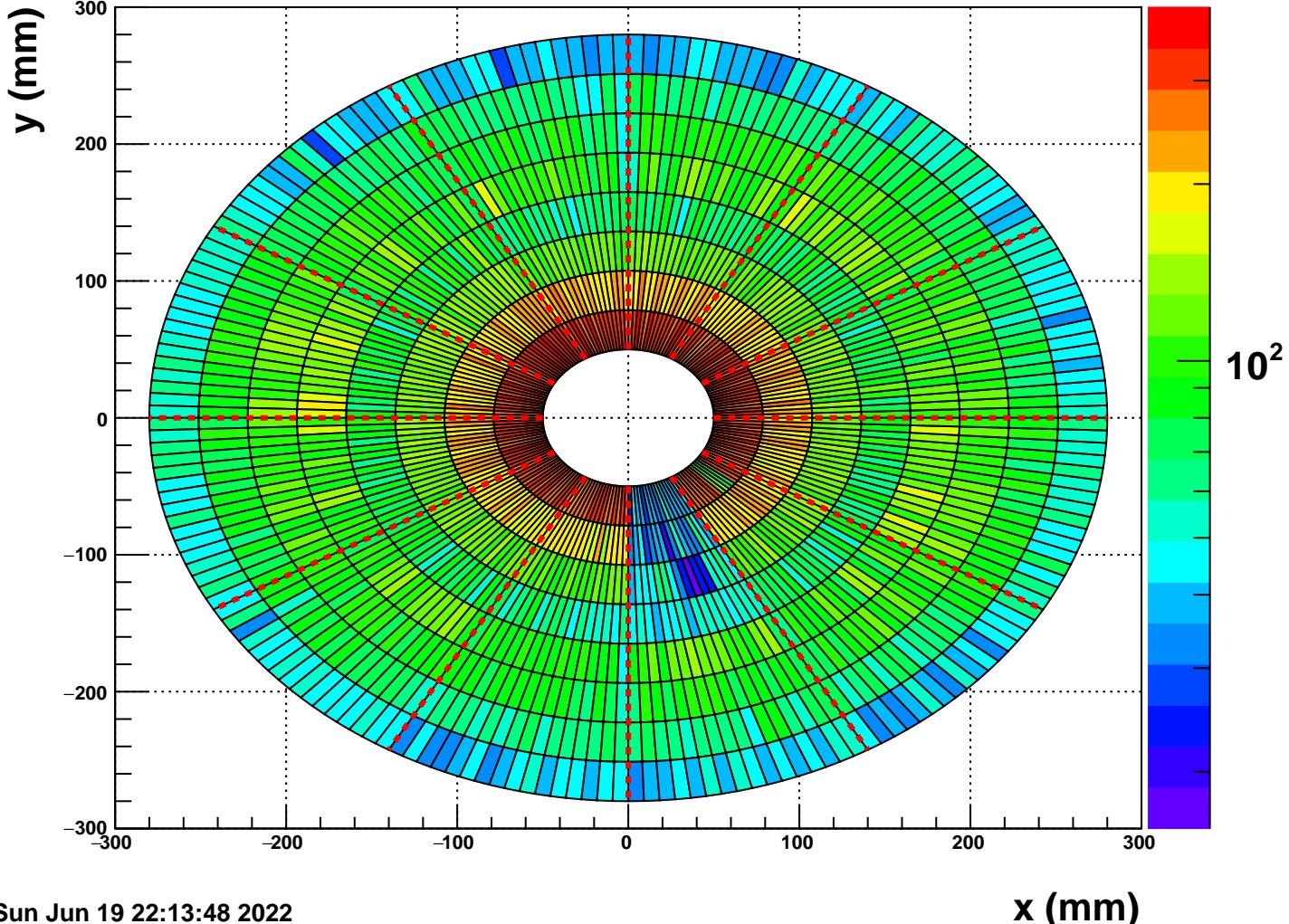
FST - Hit map (ZS) for Disk2



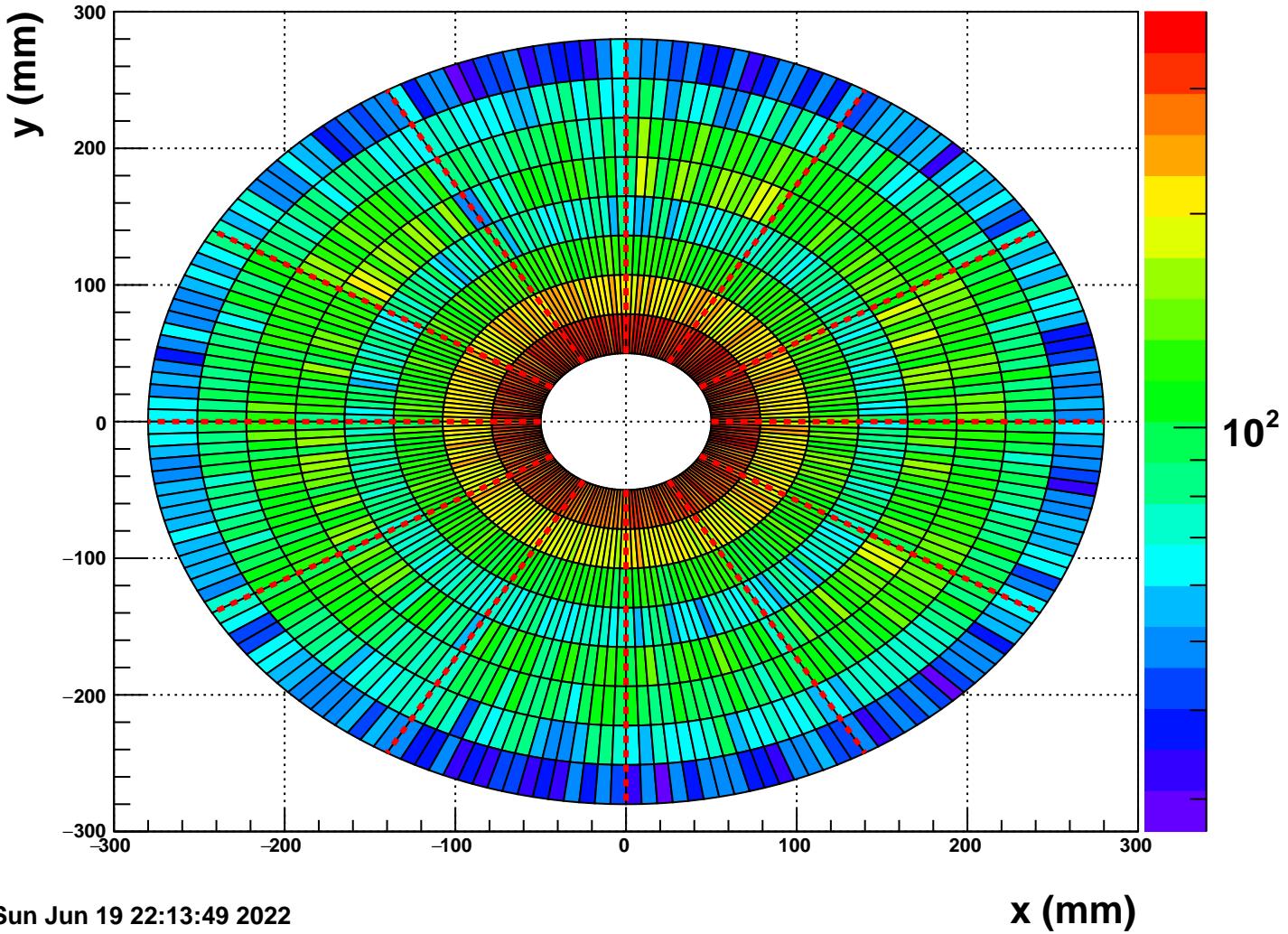
FST - Hit map (ZS) for Disk3



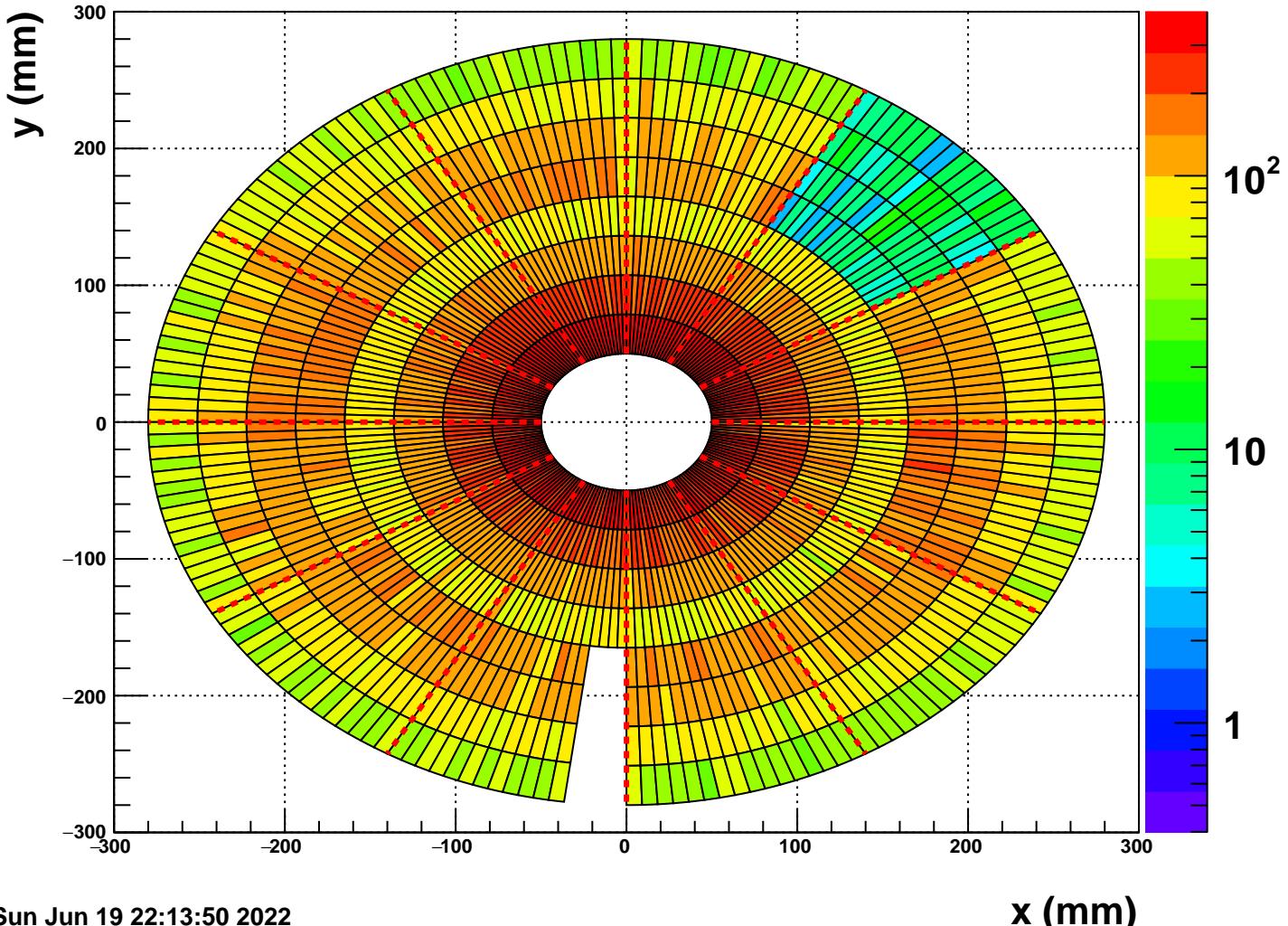
FST - Hit Map Display (ZS) for Disk1



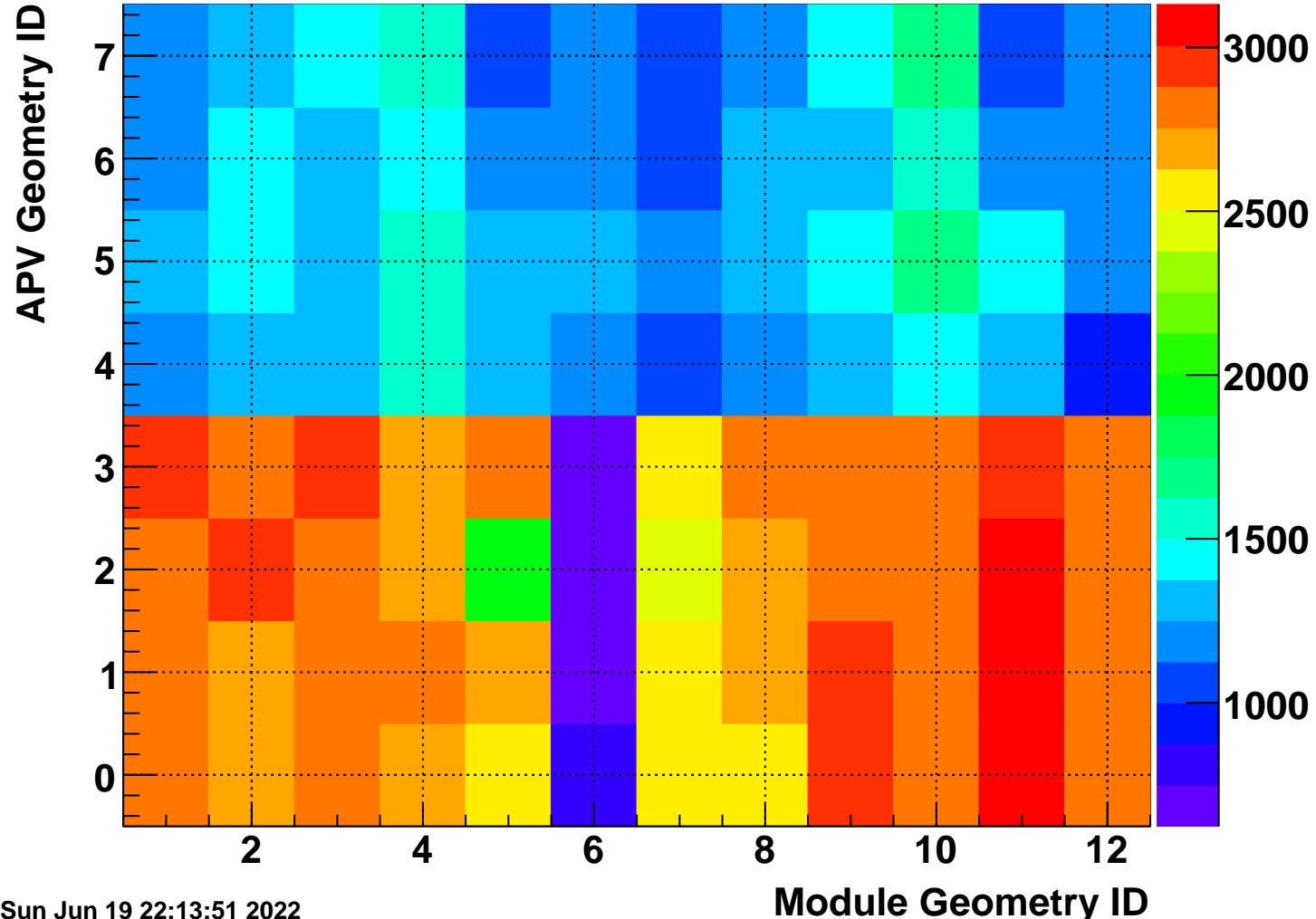
FST - Hit Map Display (ZS) for Disk2



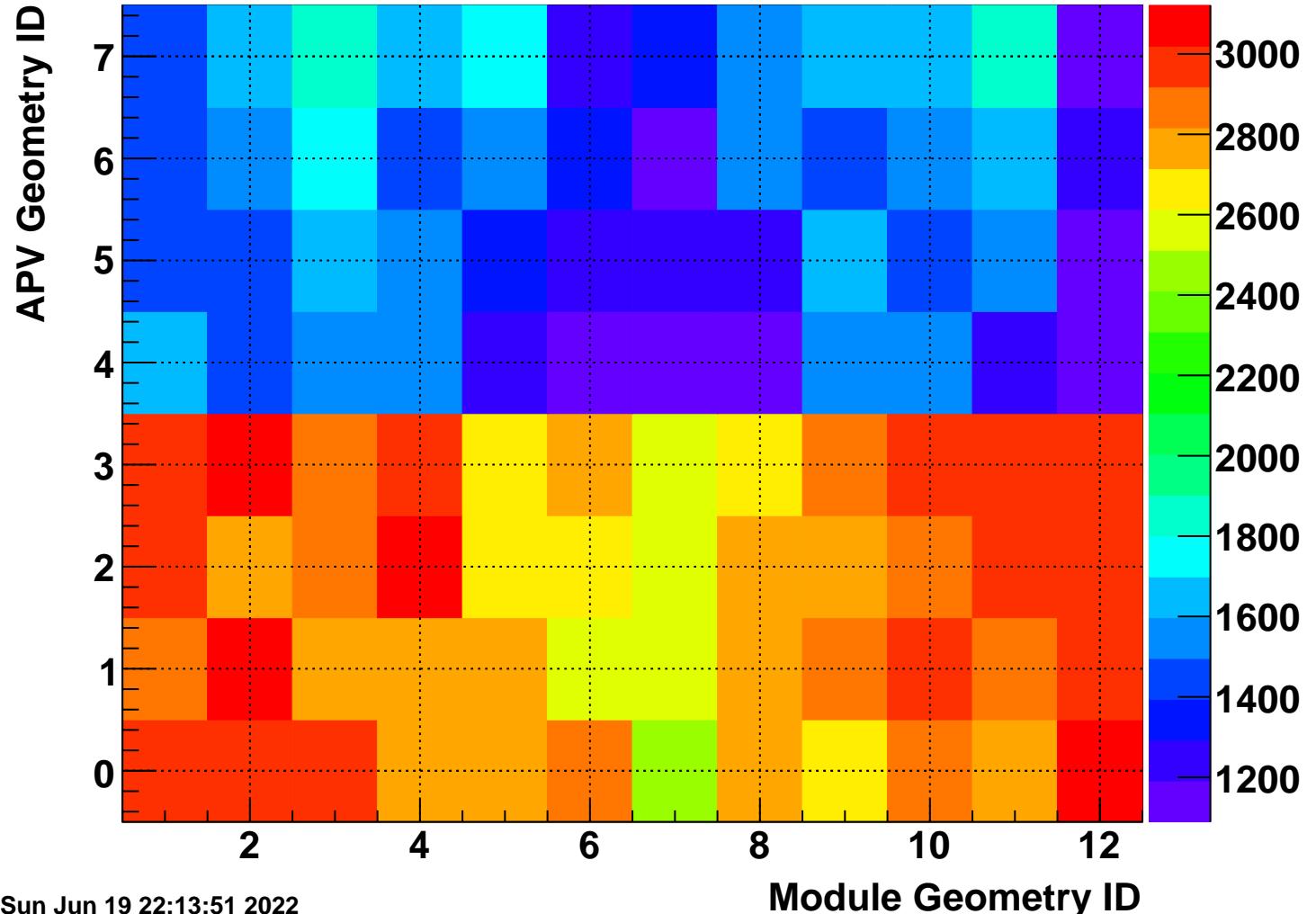
FST - Hit Map Display (ZS) for Disk3



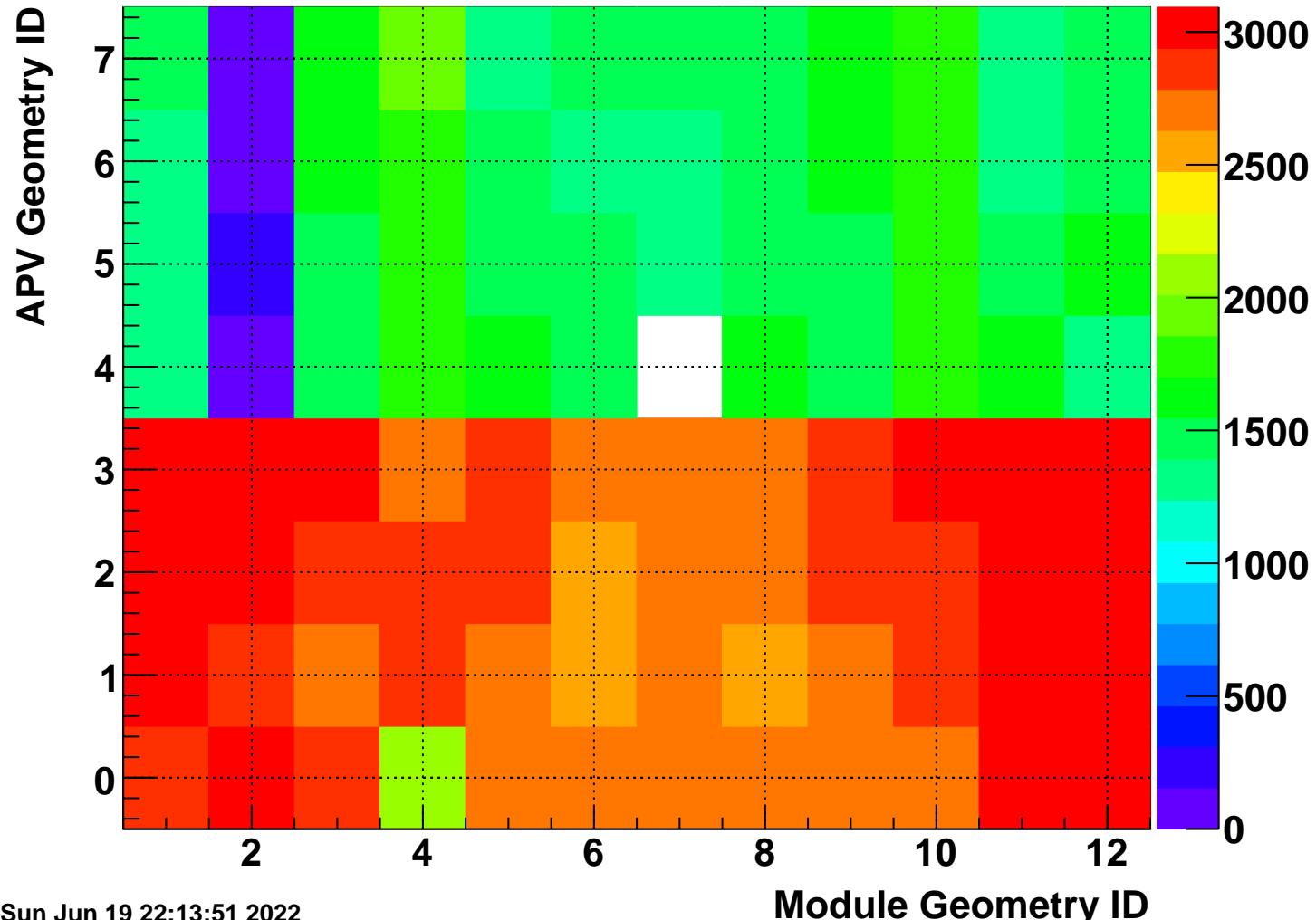
FST - Hit map in Module vs APV (ZS) for Disk1



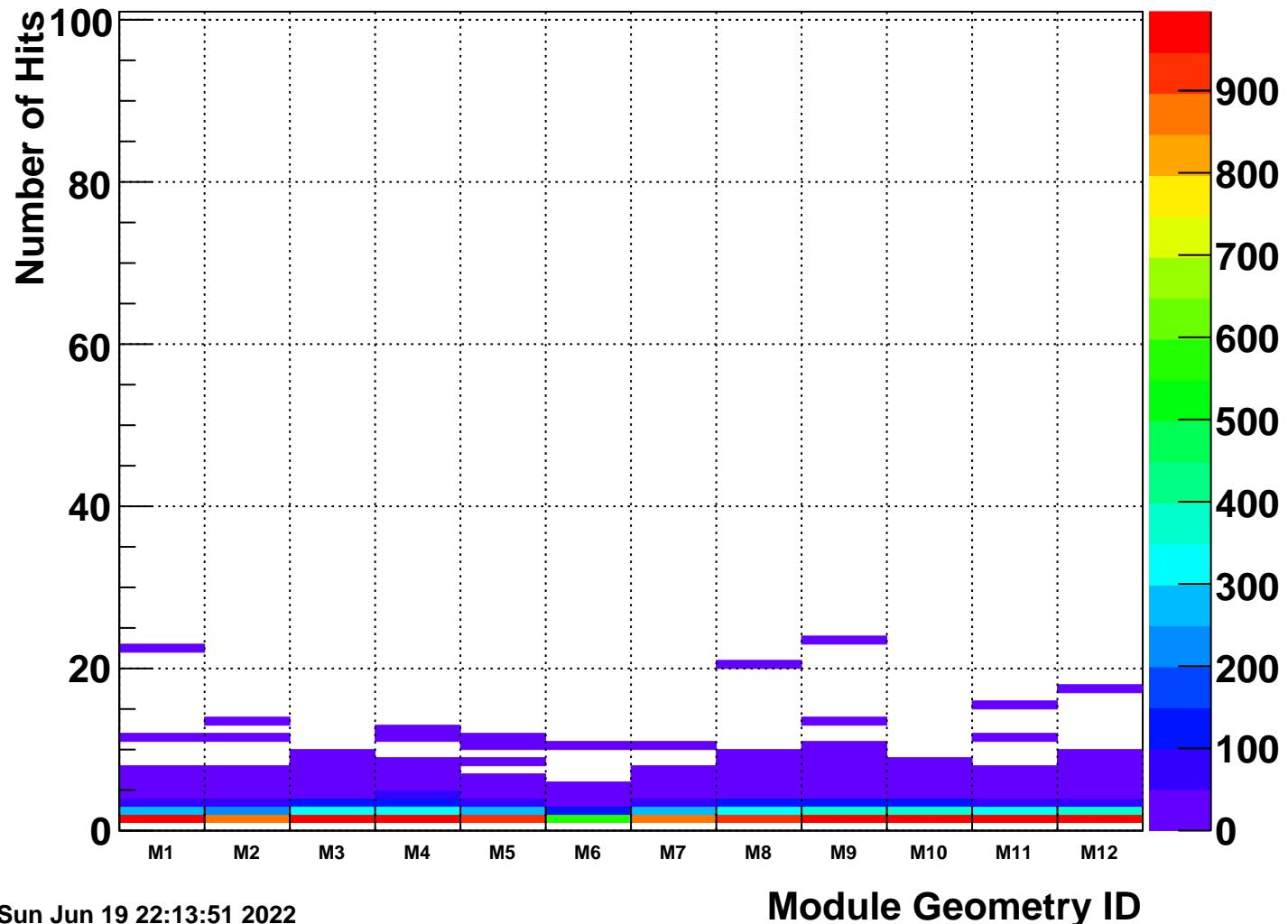
FST - Hit map in Module vs APV (ZS) for Disk2



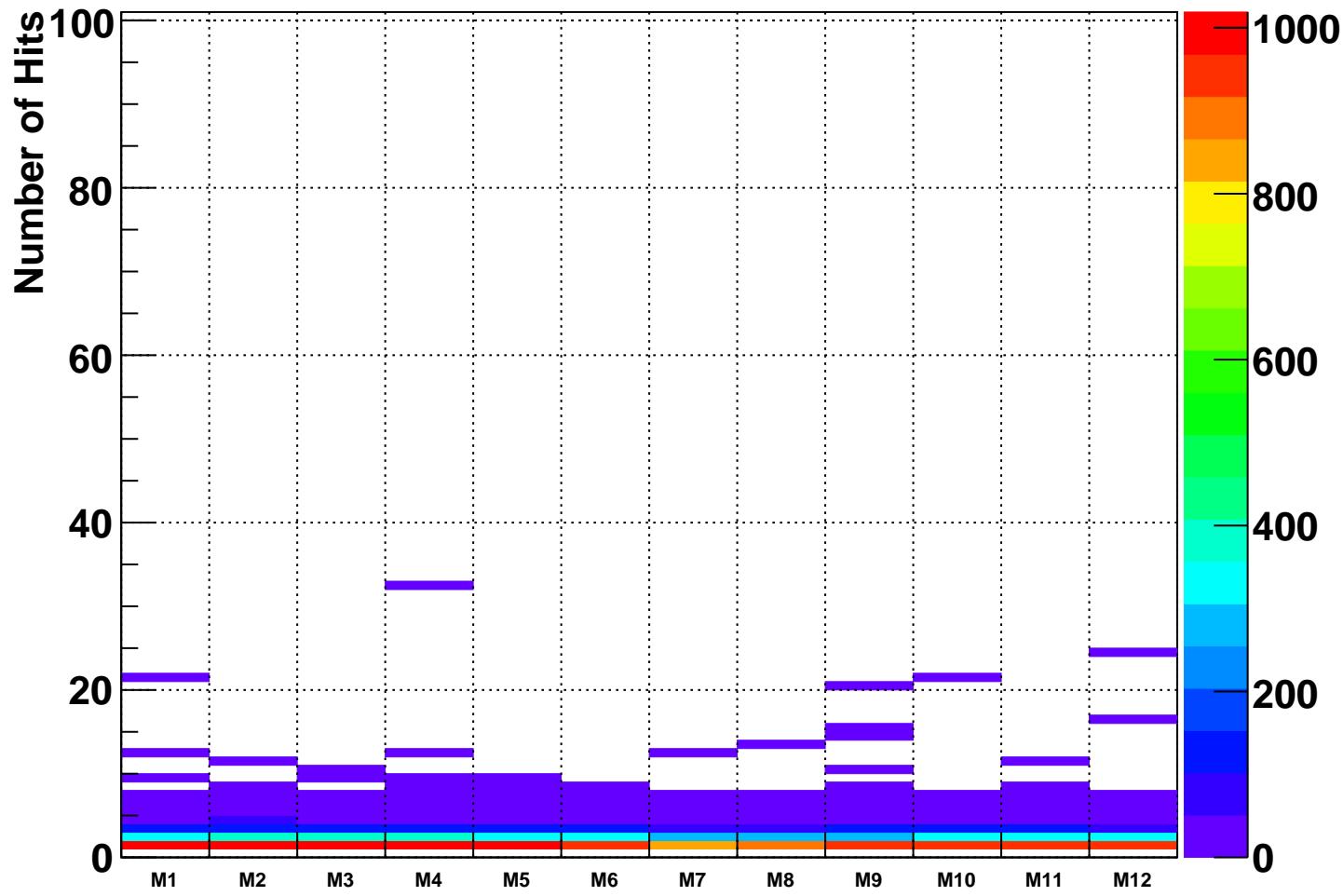
FST - Hit map in Module vs APV (ZS) for Disk3



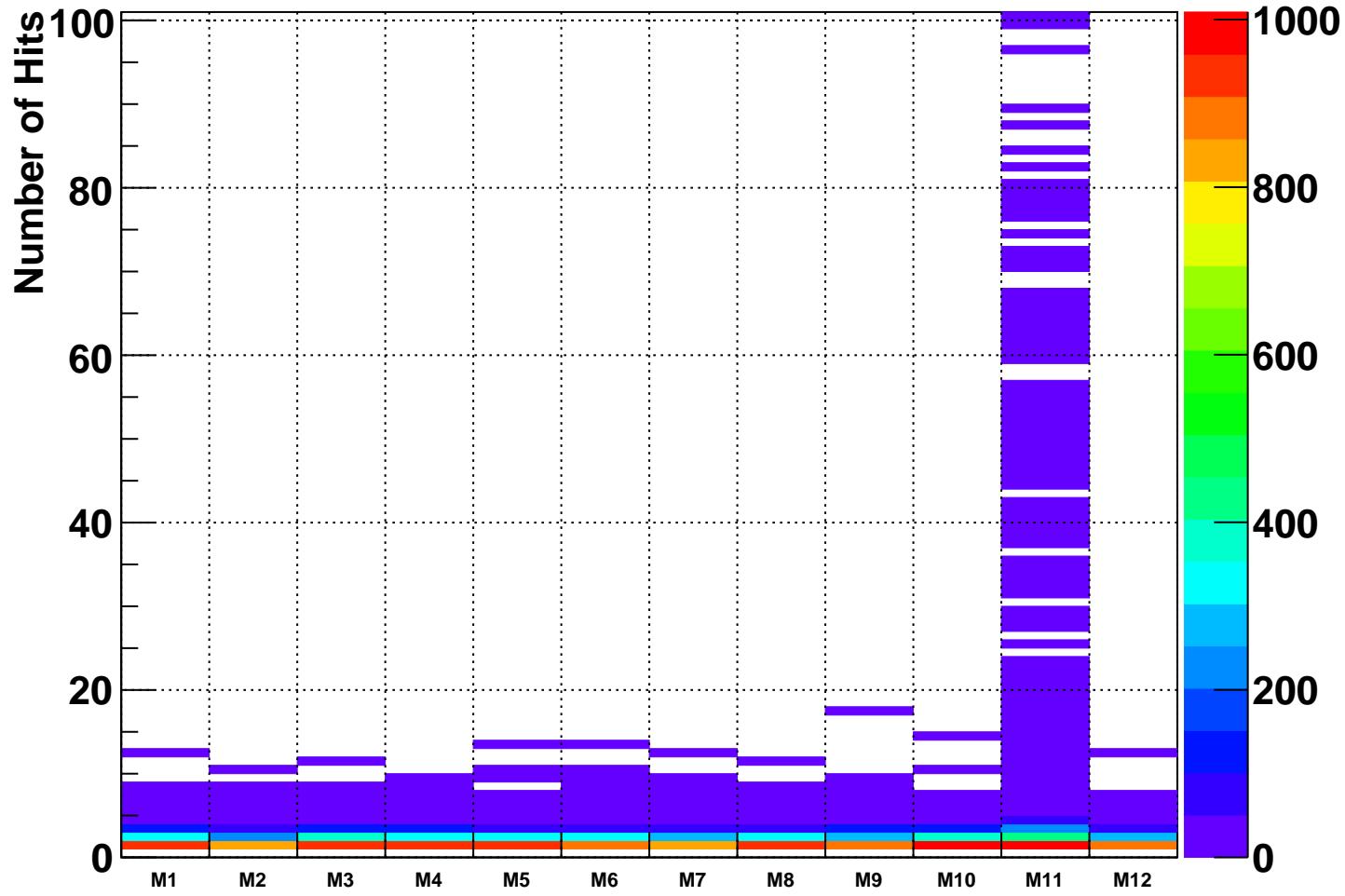
FST - Hit Multiplicity (non-ZS) vs Module Id for Disk1



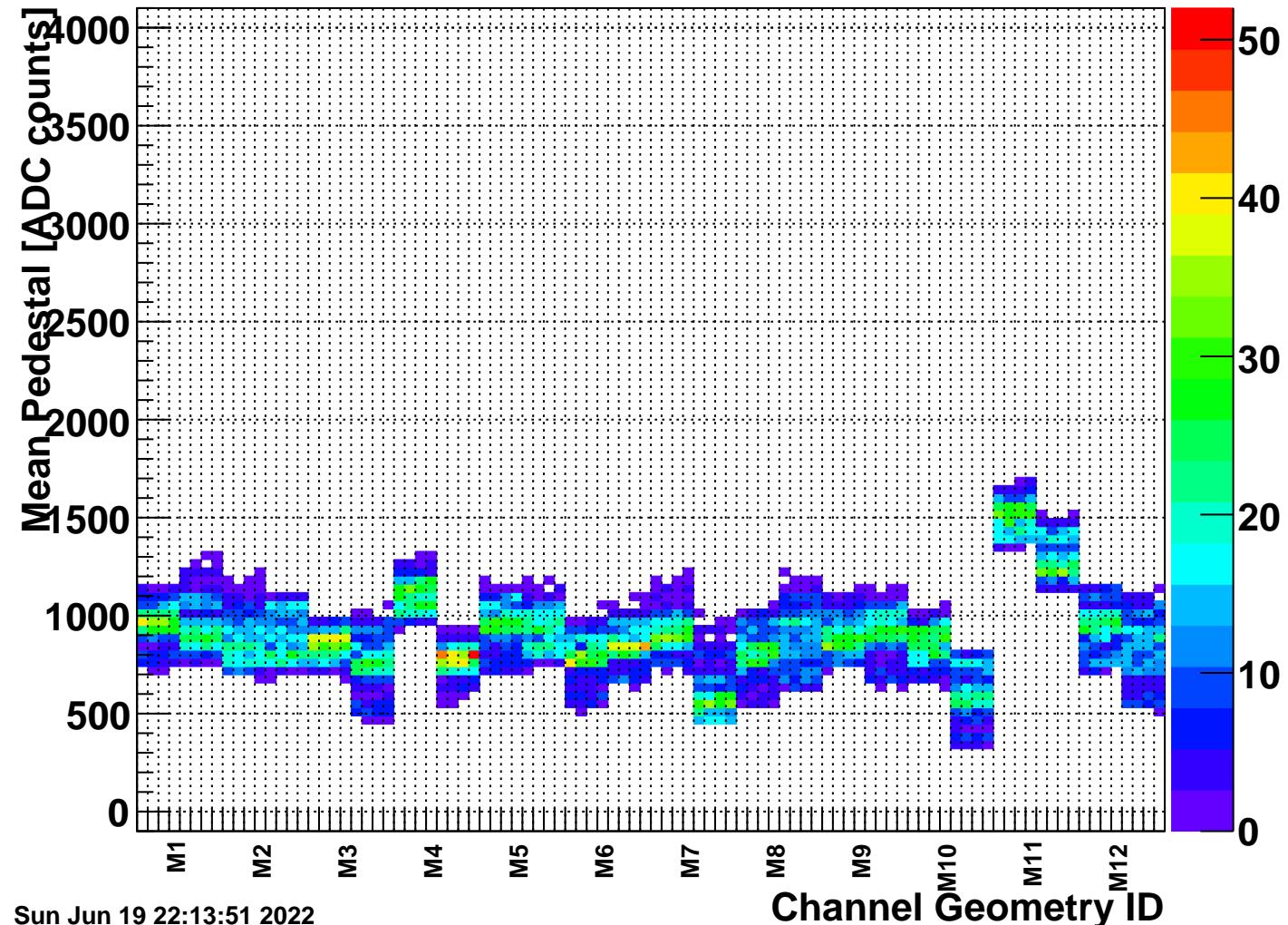
FST - Hit Multiplicity (non-ZS) vs Module Id for Disk2



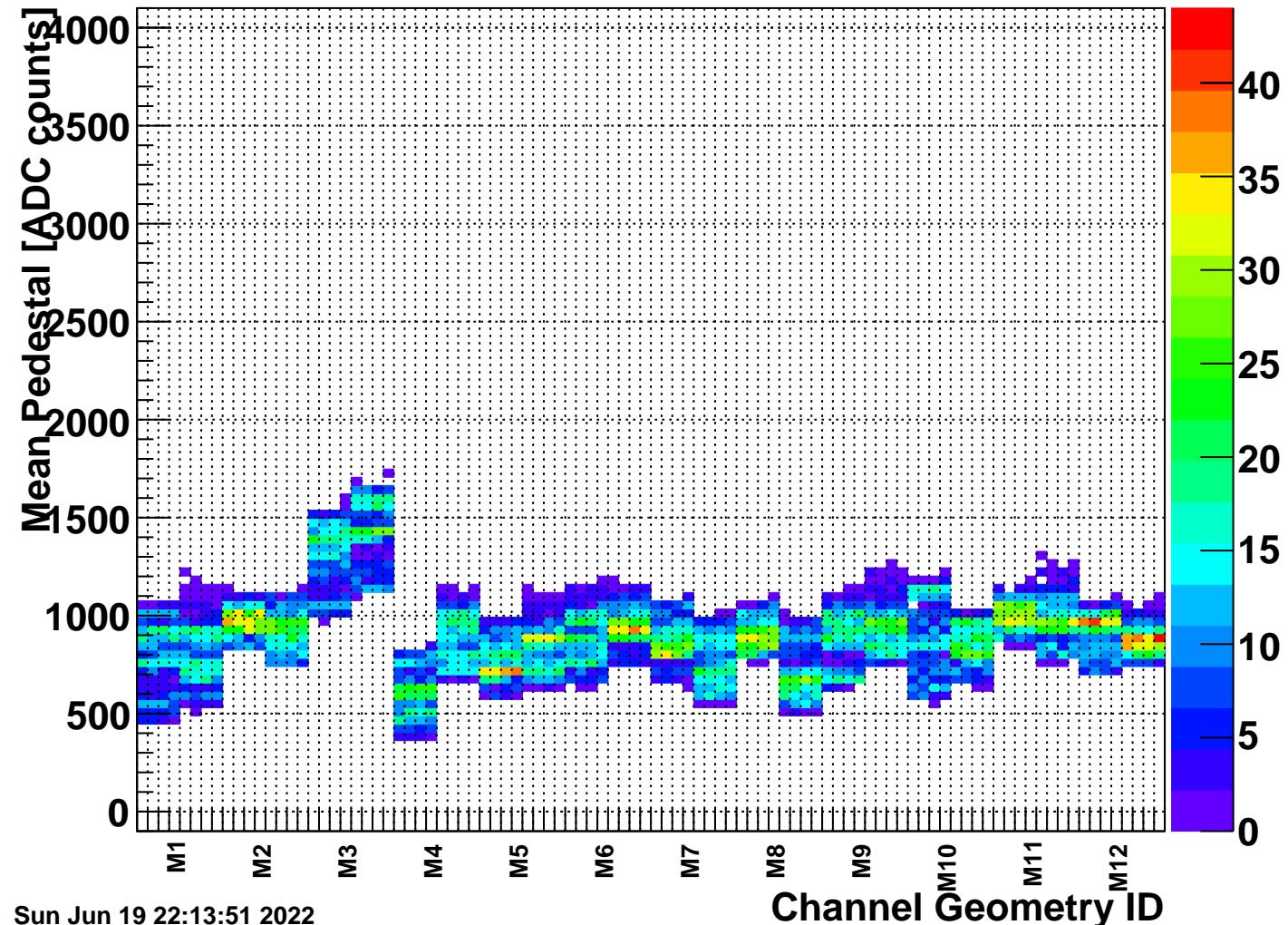
FST - Hit Multiplicity (non-ZS) vs Module Id for Disk3



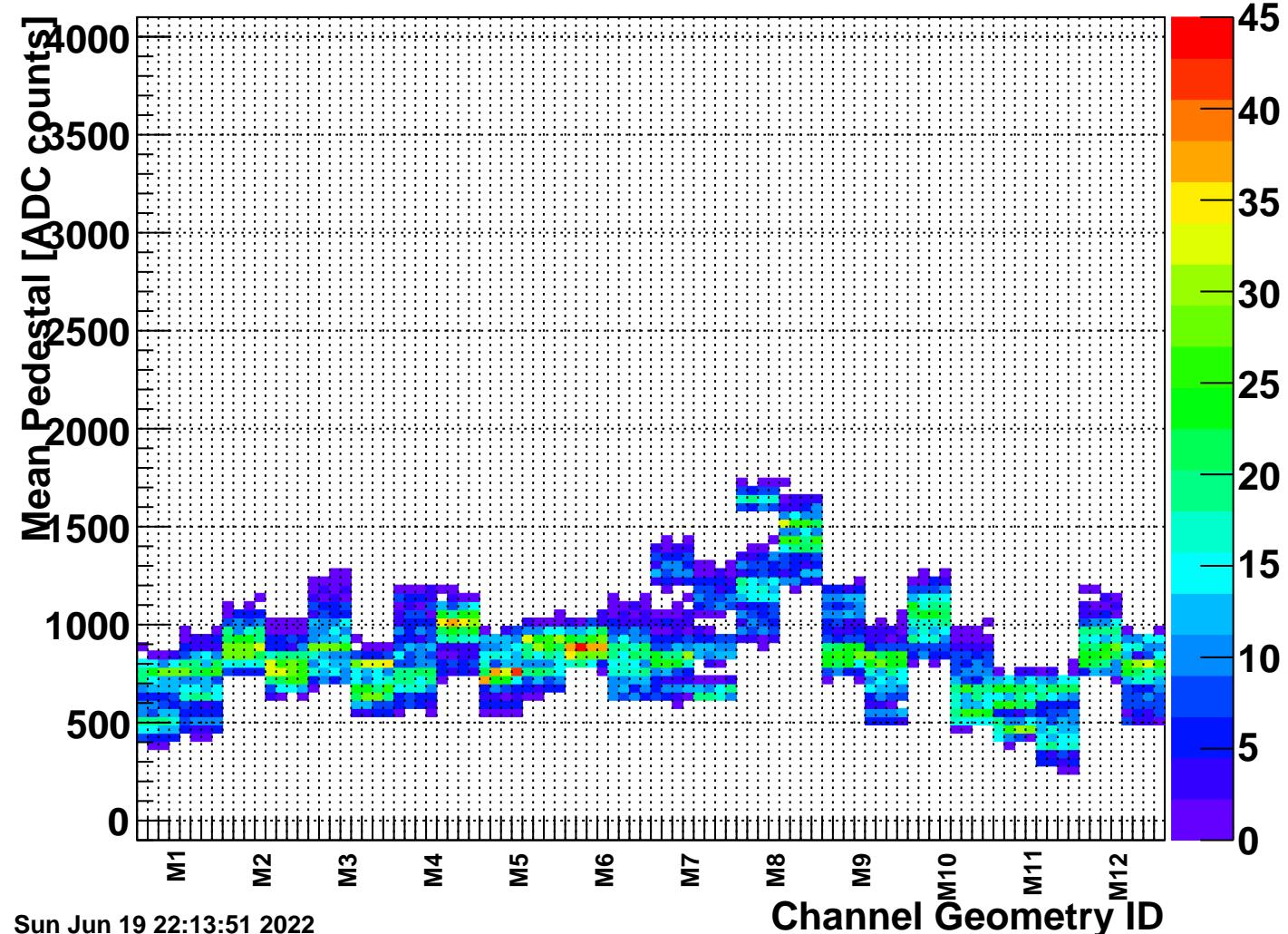
FST - Pedestal vs Channel for Disk1



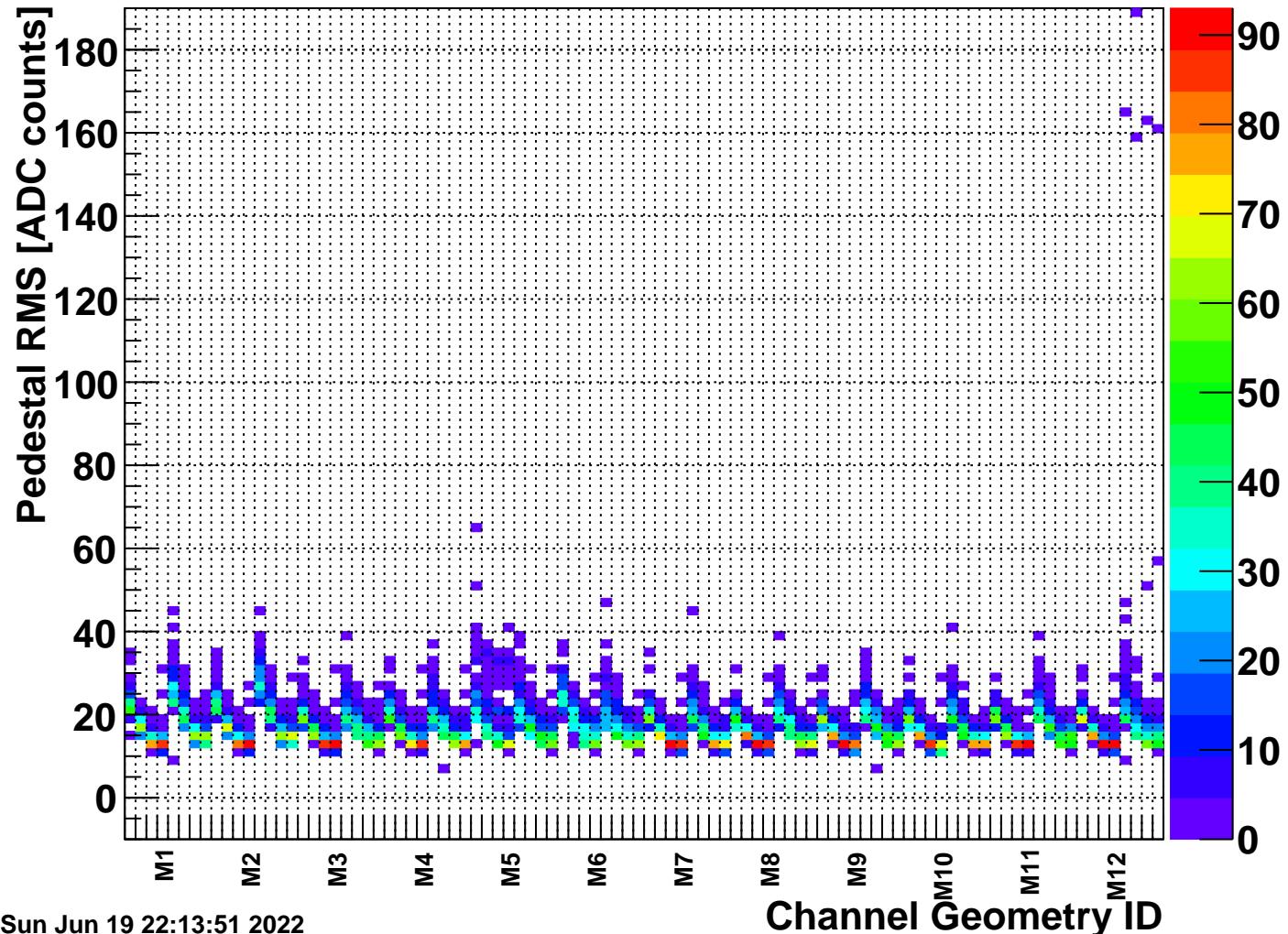
FST - Pedestal vs Channel for Disk2



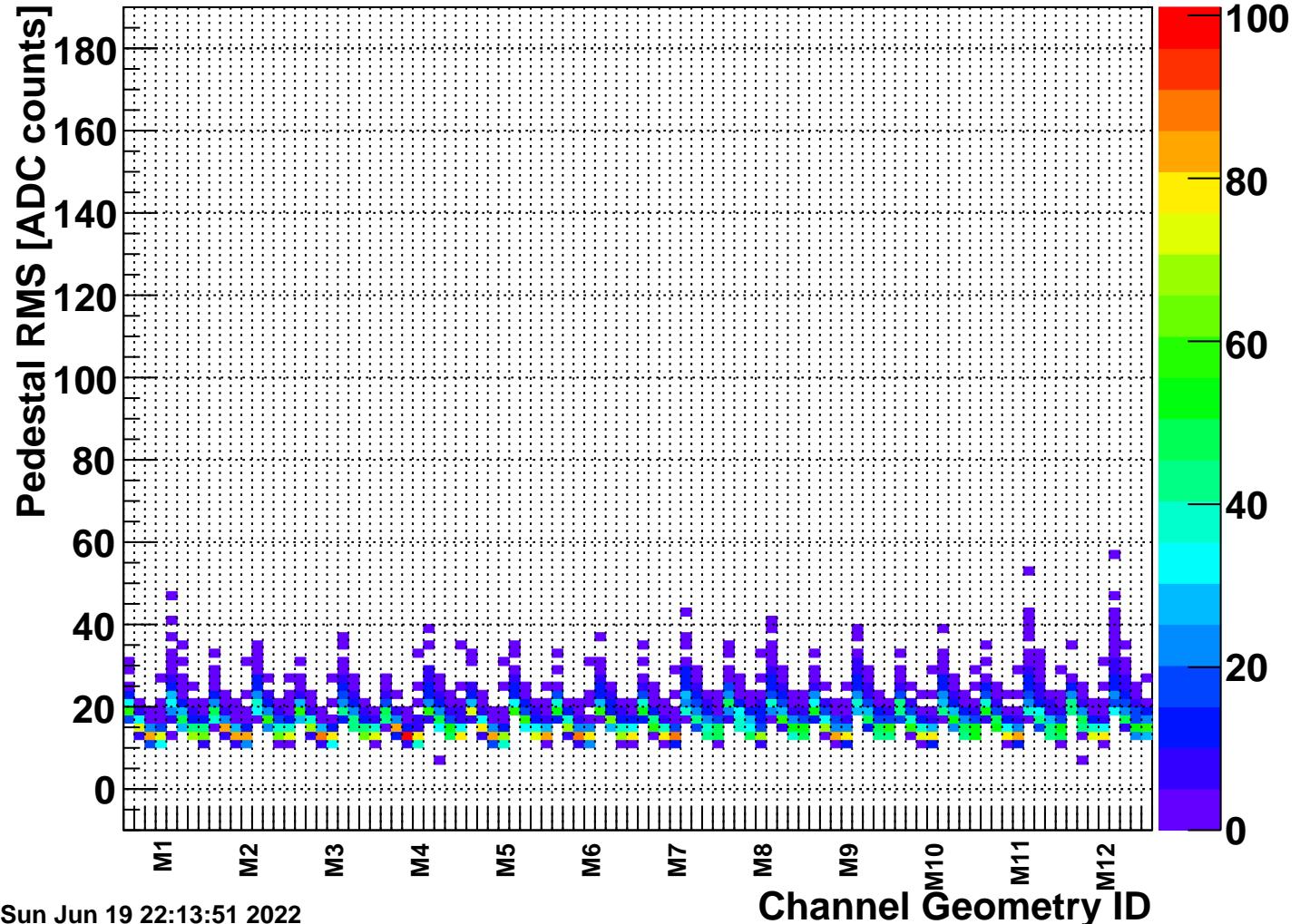
FST - Pedestal vs Channel for Disk3



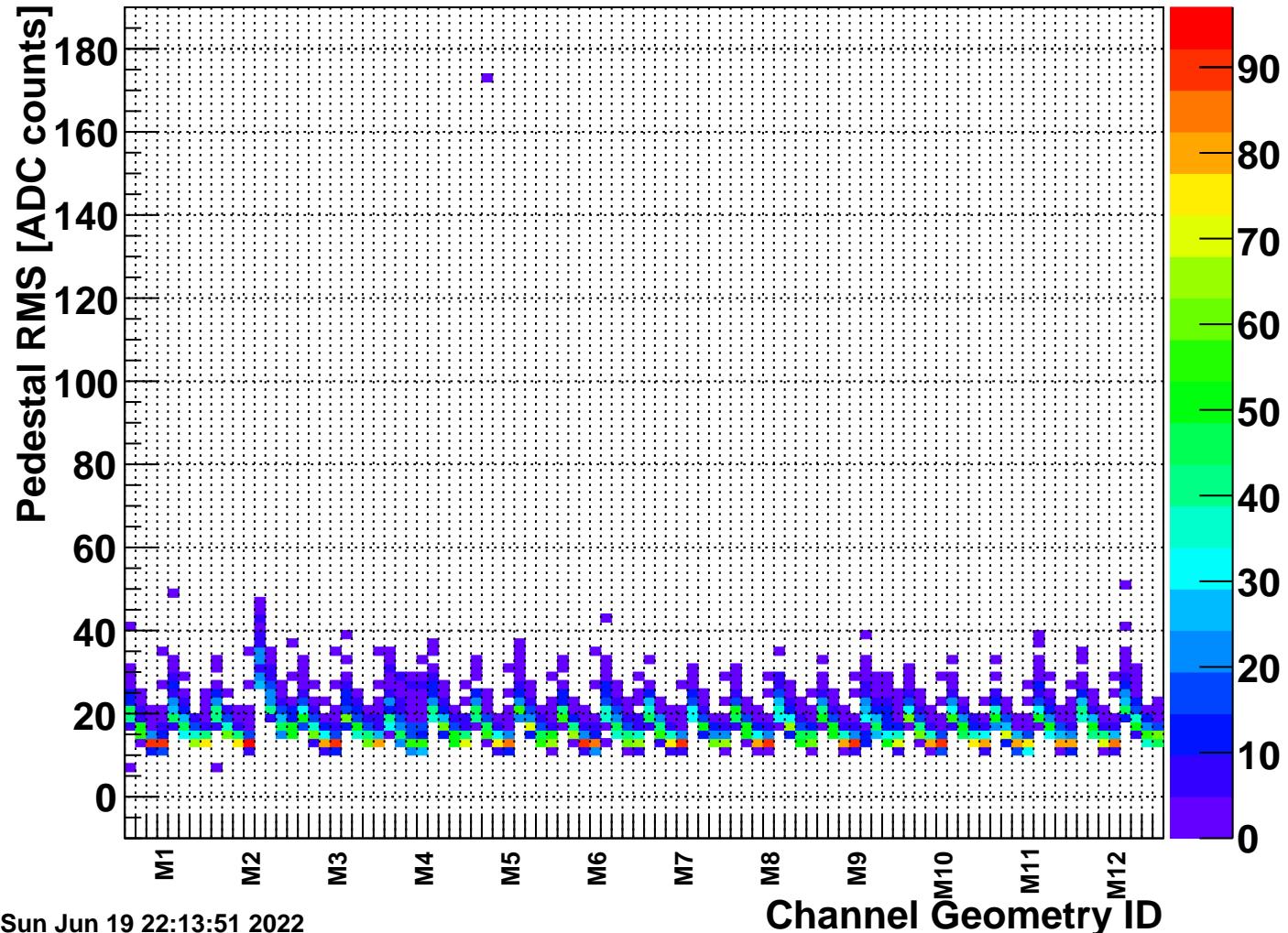
FST - RMS vs Channel for Disk1



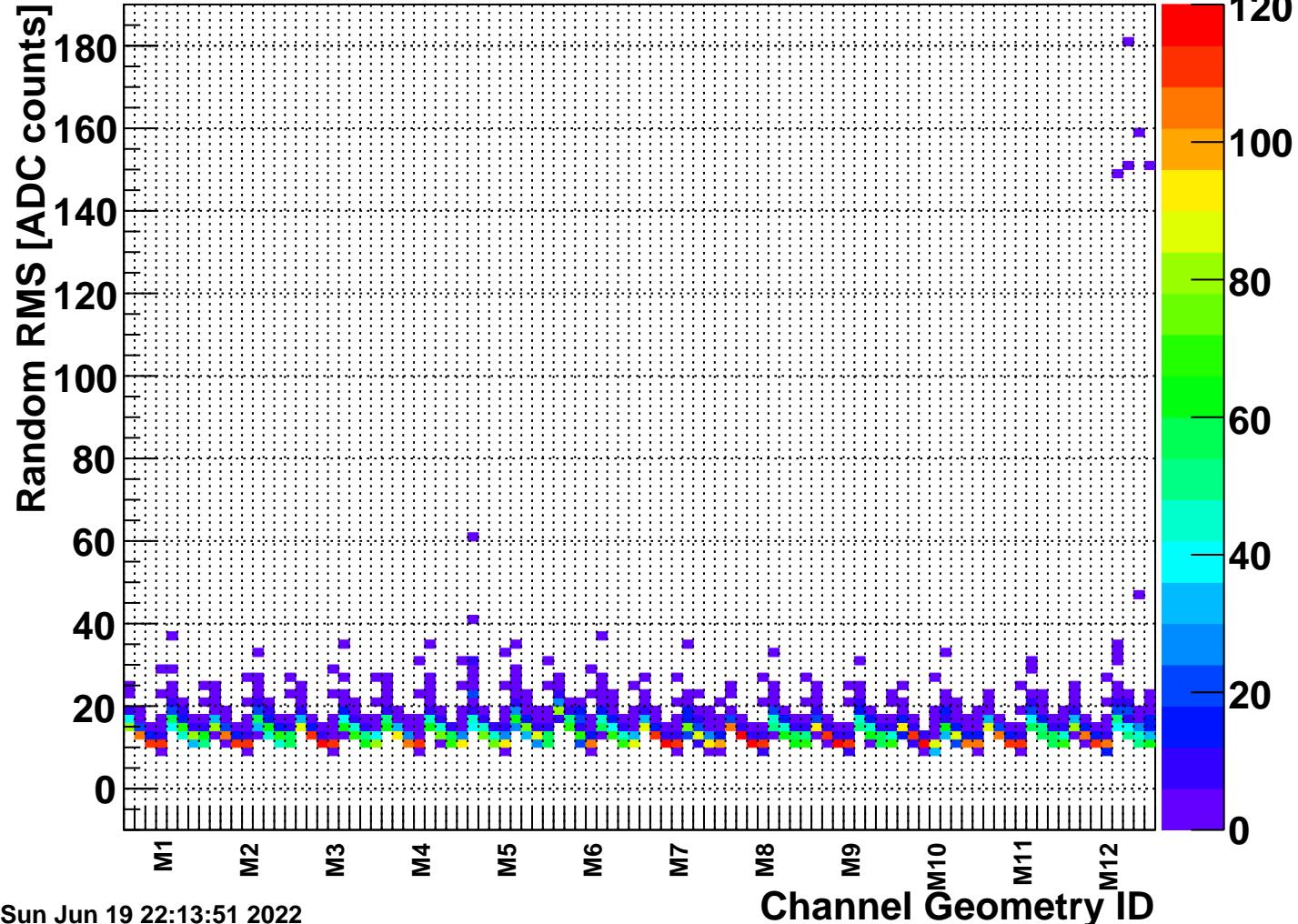
FST - RMS vs Channel for Disk2



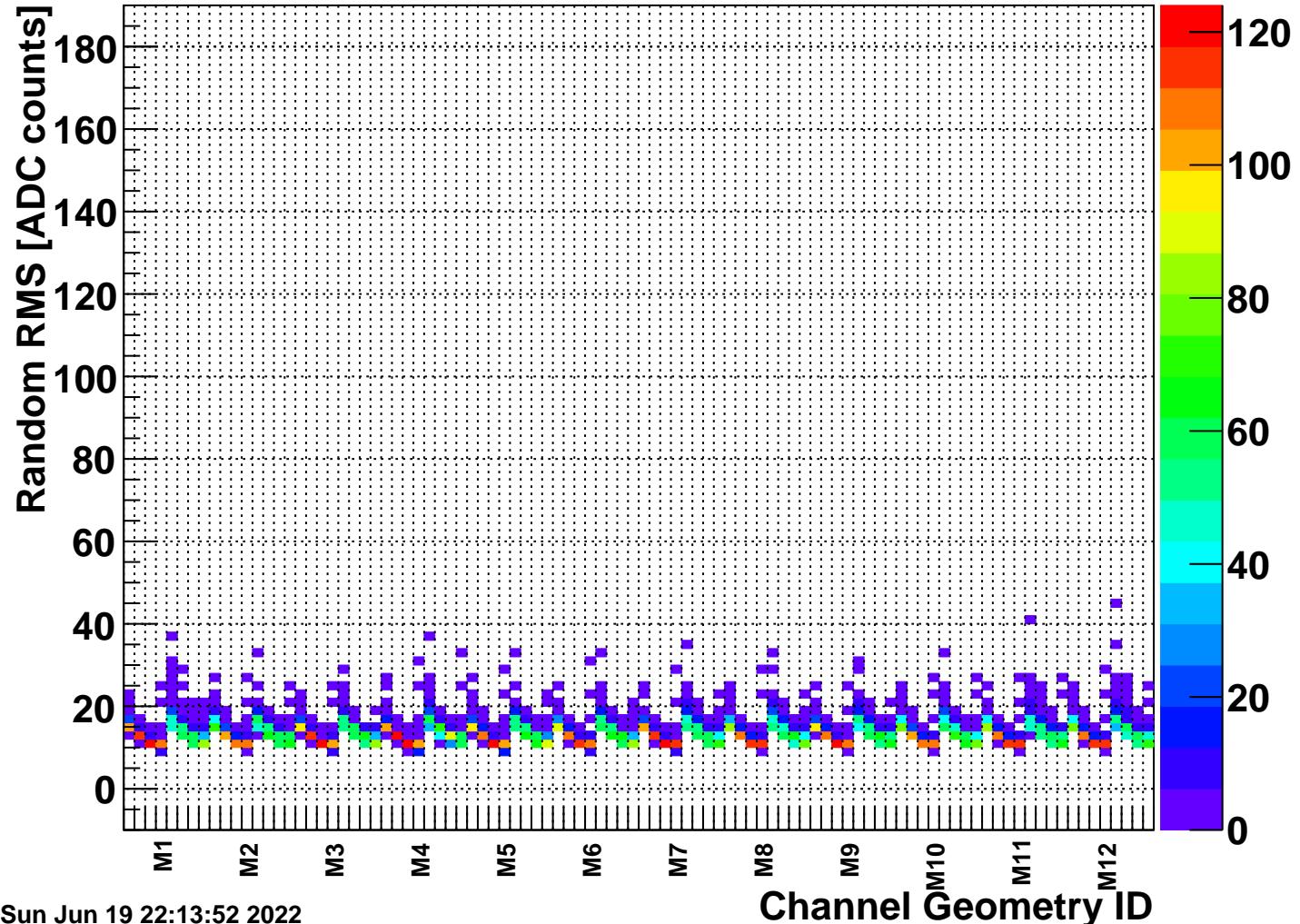
FST - RMS vs Channel for Disk3



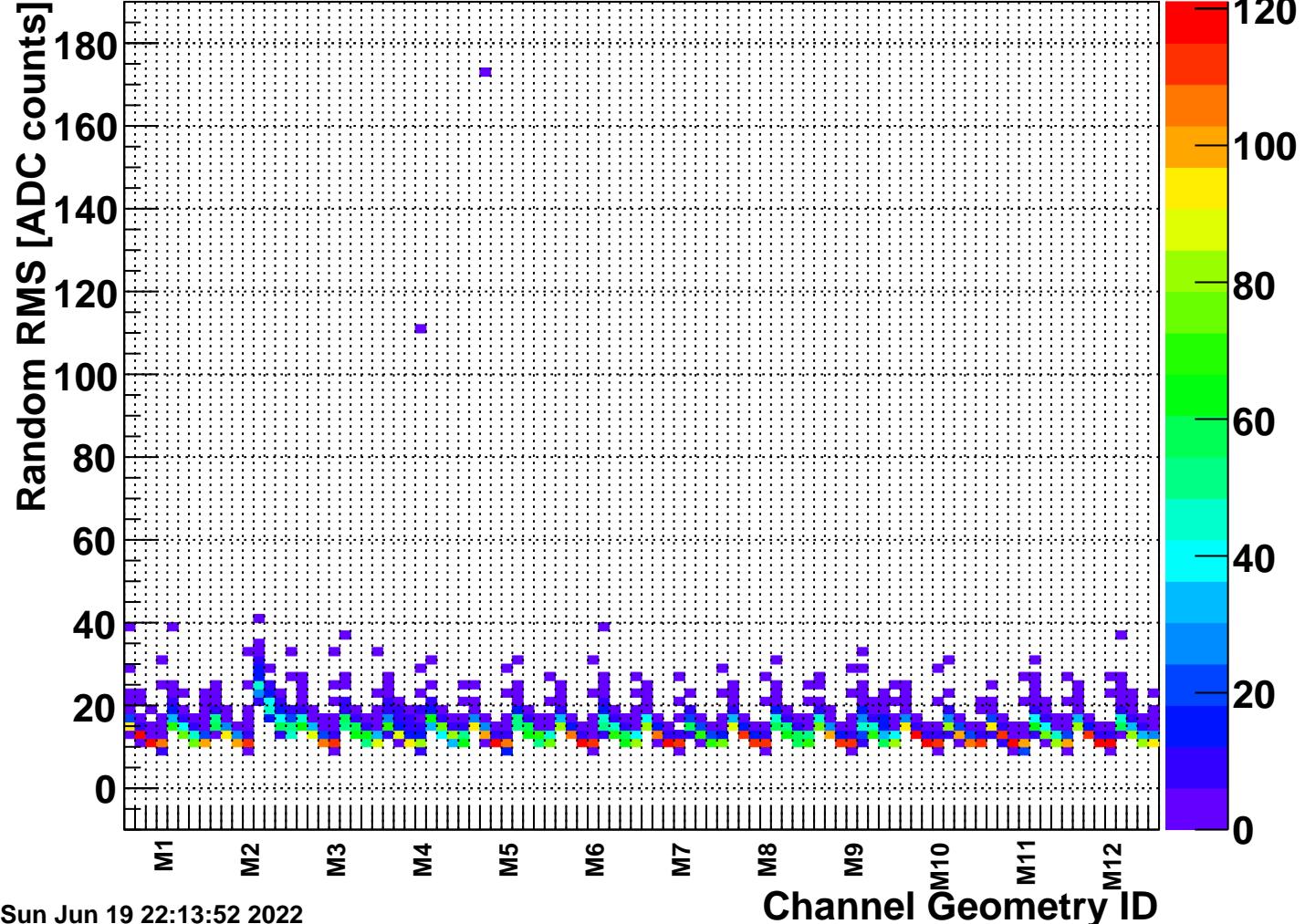
FST - Random RMS vs Channel for Disk1



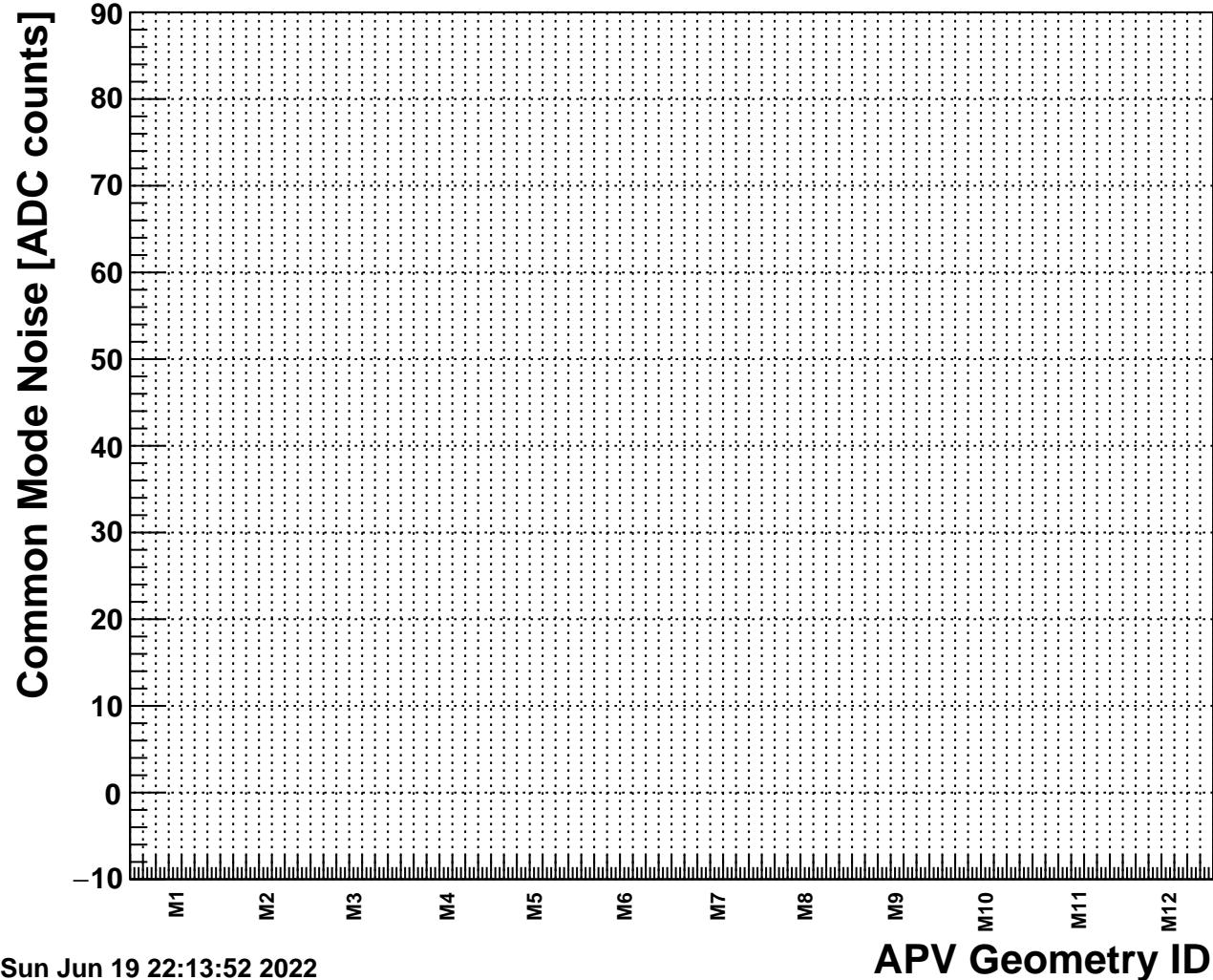
FST - Random RMS vs Channel for Disk2



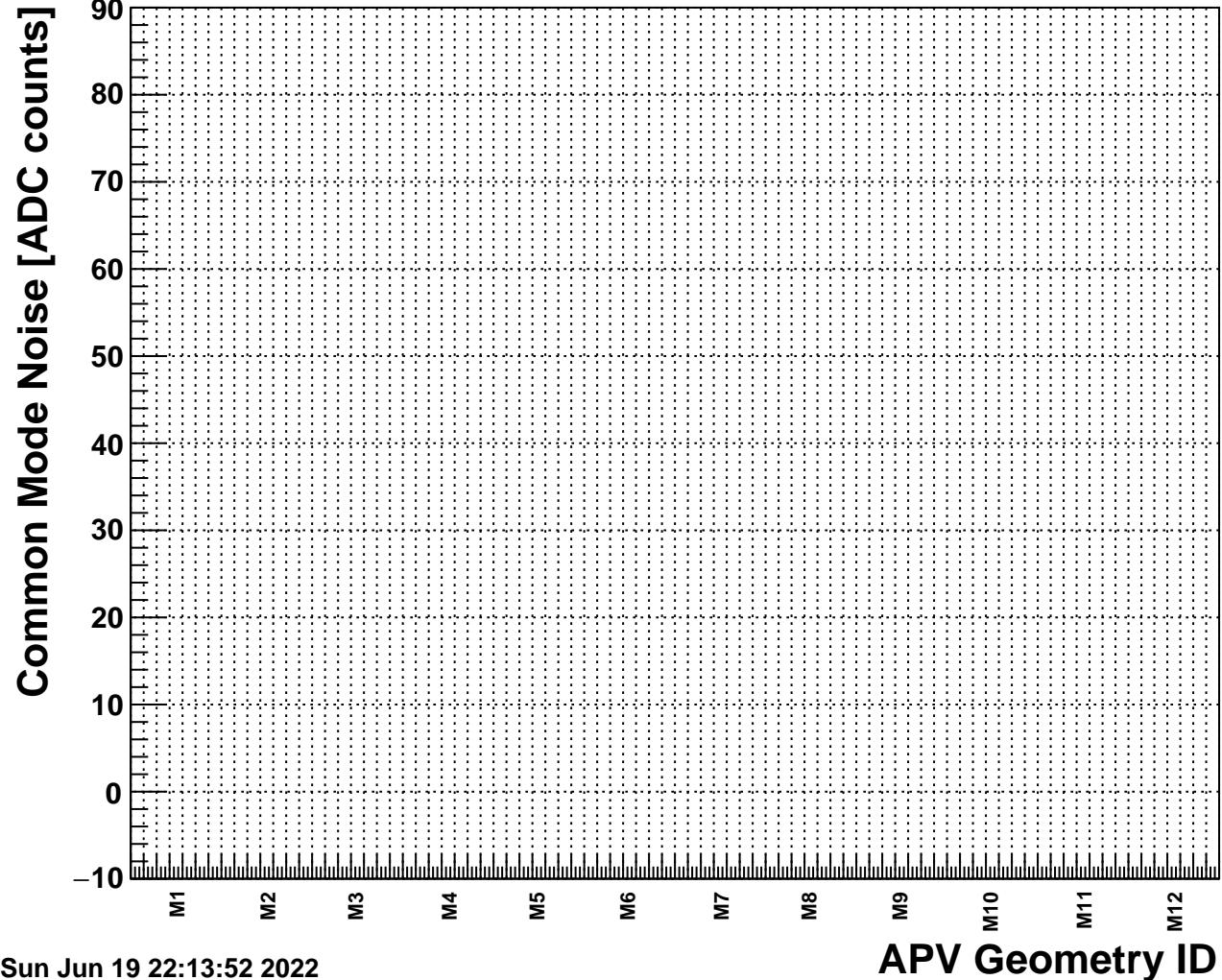
FST - Random RMS vs Channel for Disk3



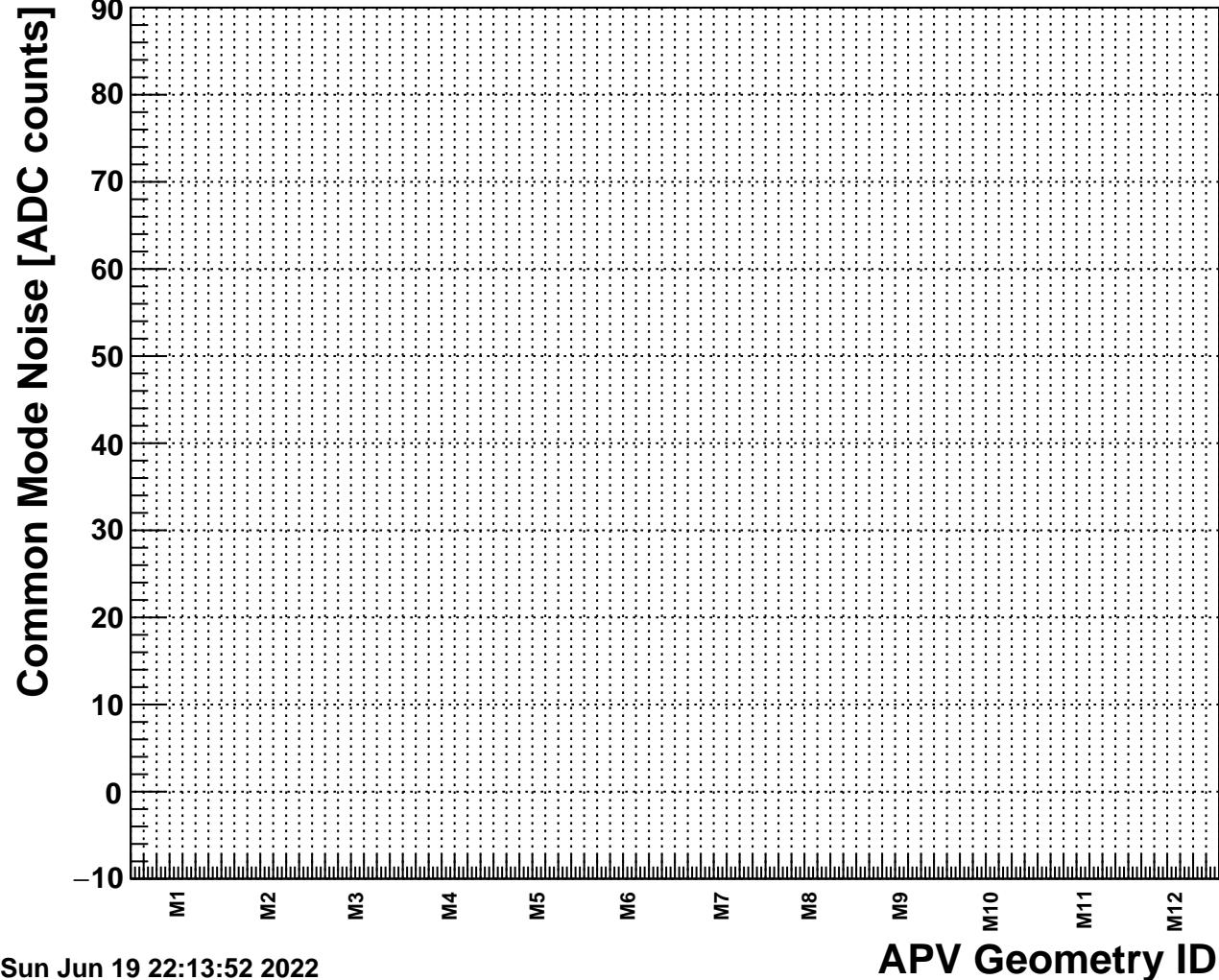
FST - Common Mode RMS vs APV for Disk1



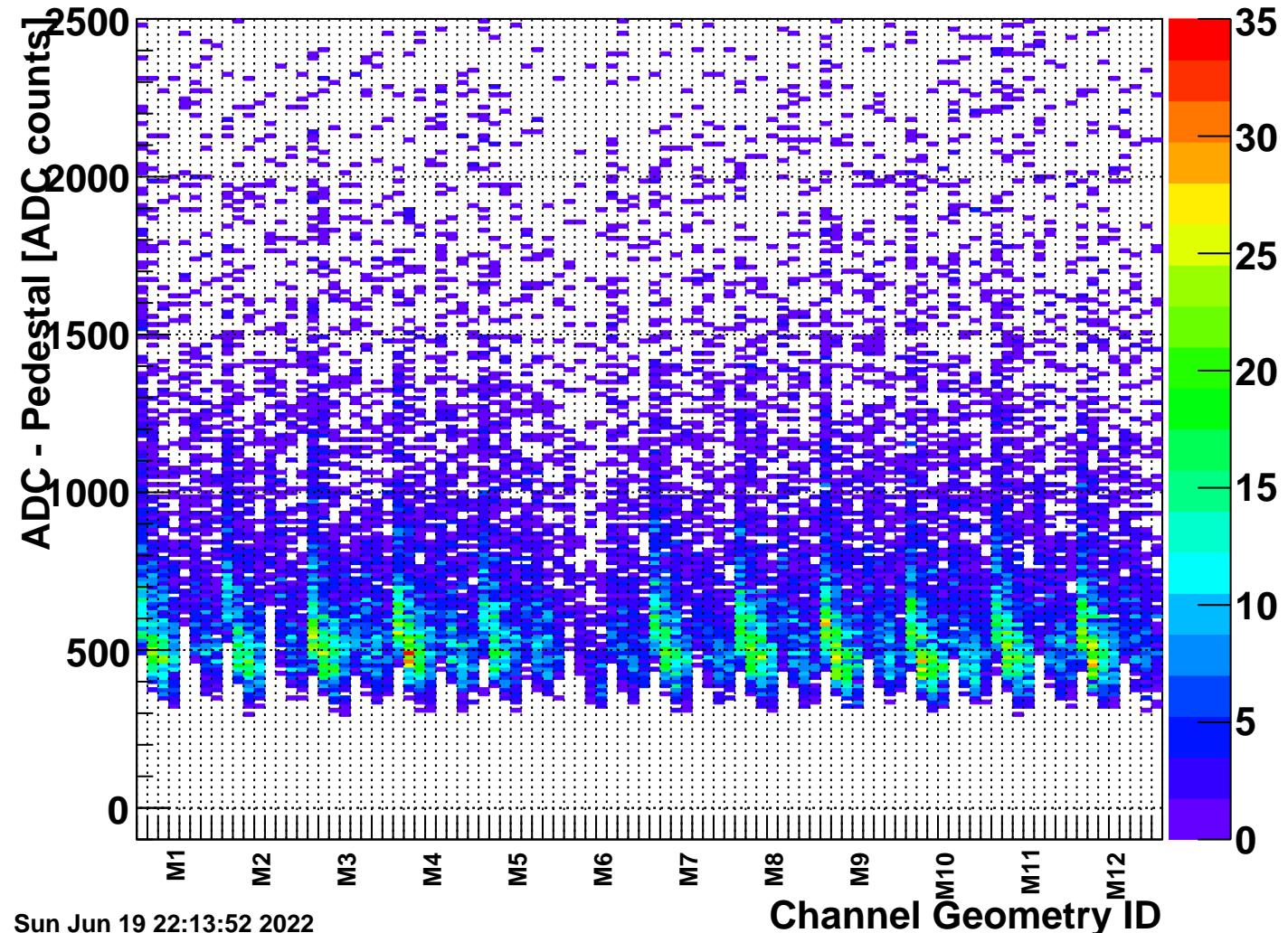
FST - Common Mode RMS vs APV for Disk2



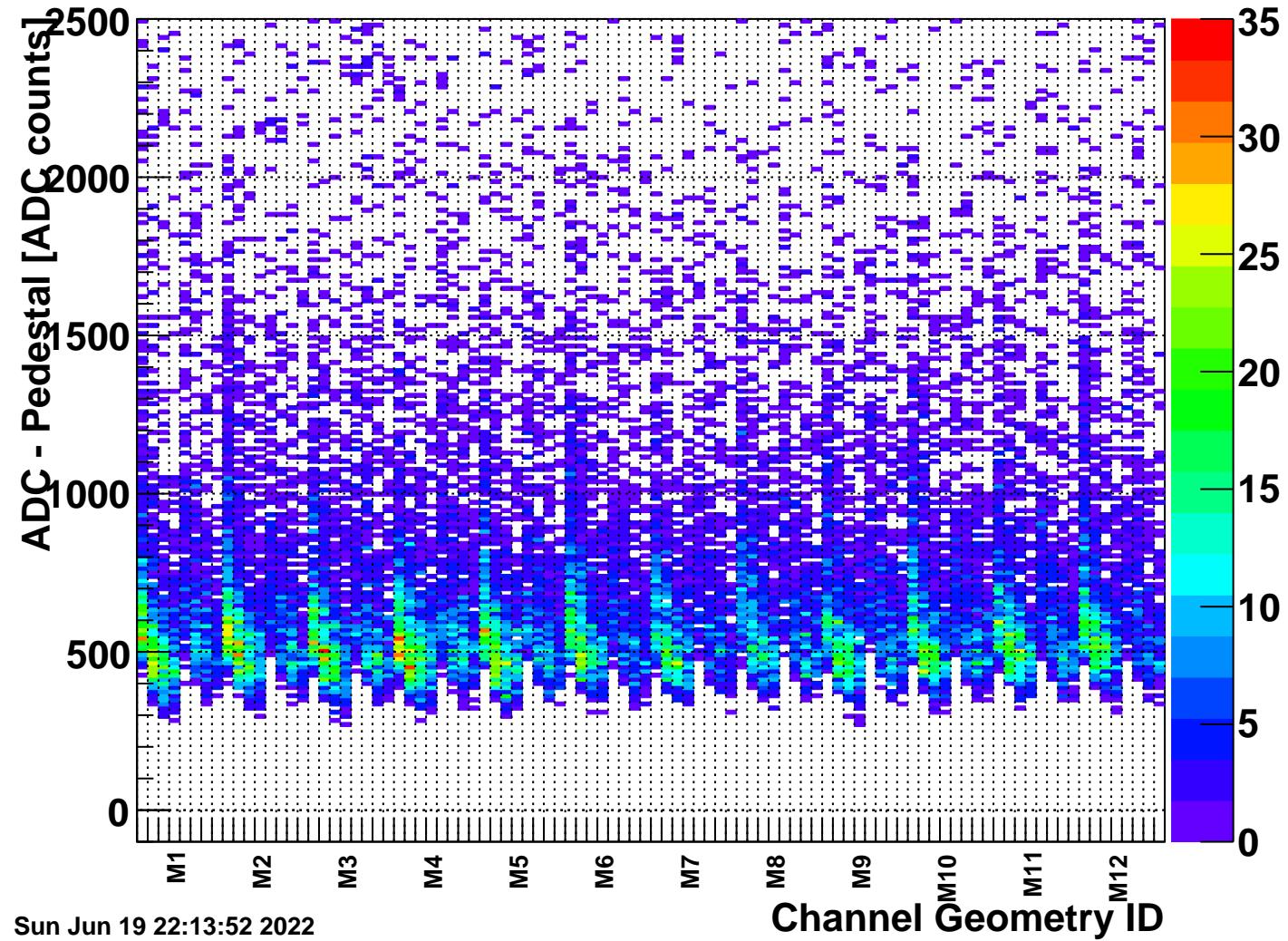
FST - Common Mode RMS vs APV for Disk3



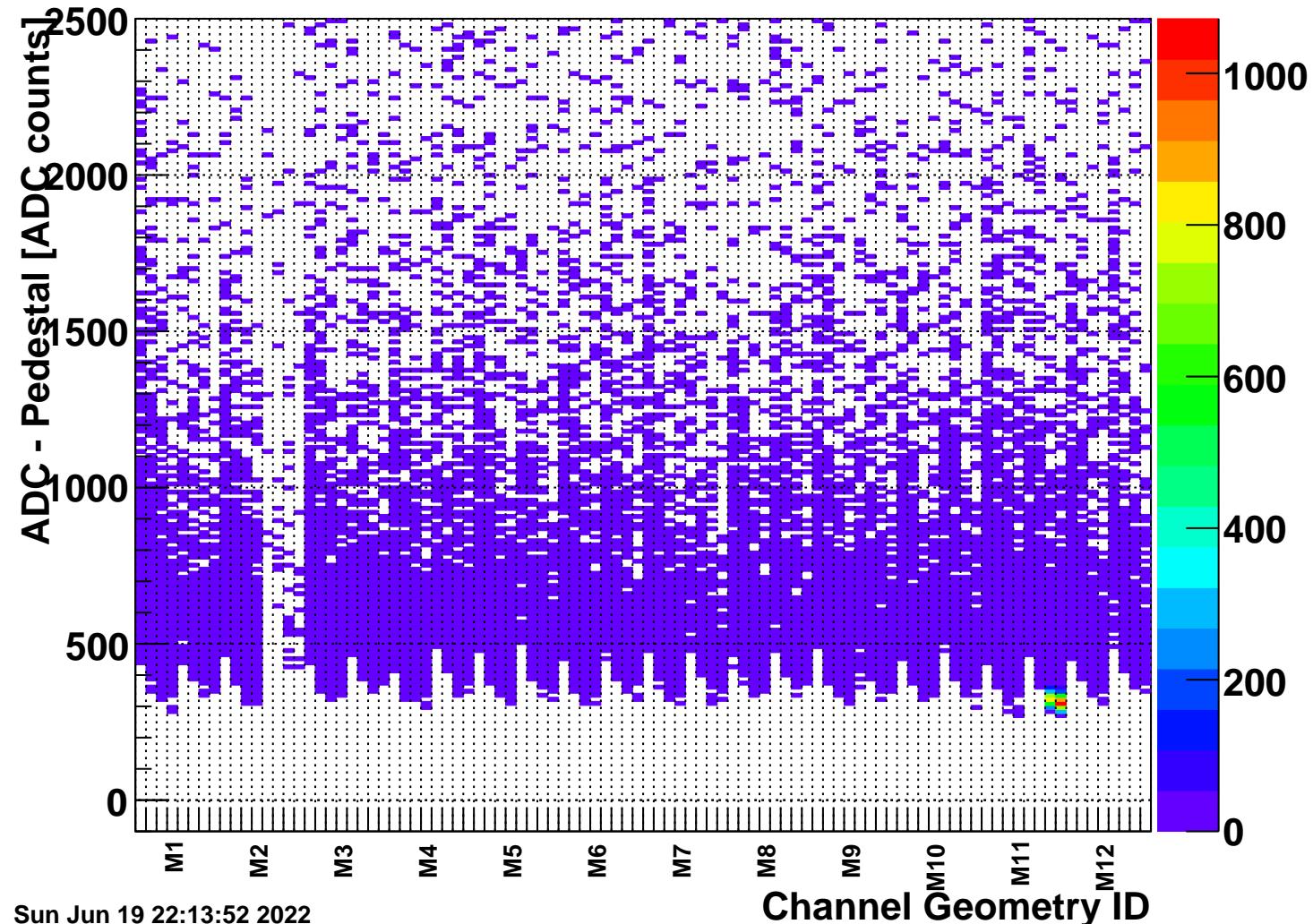
FST - Signal (non-ZS) vs Channel for Disk1



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



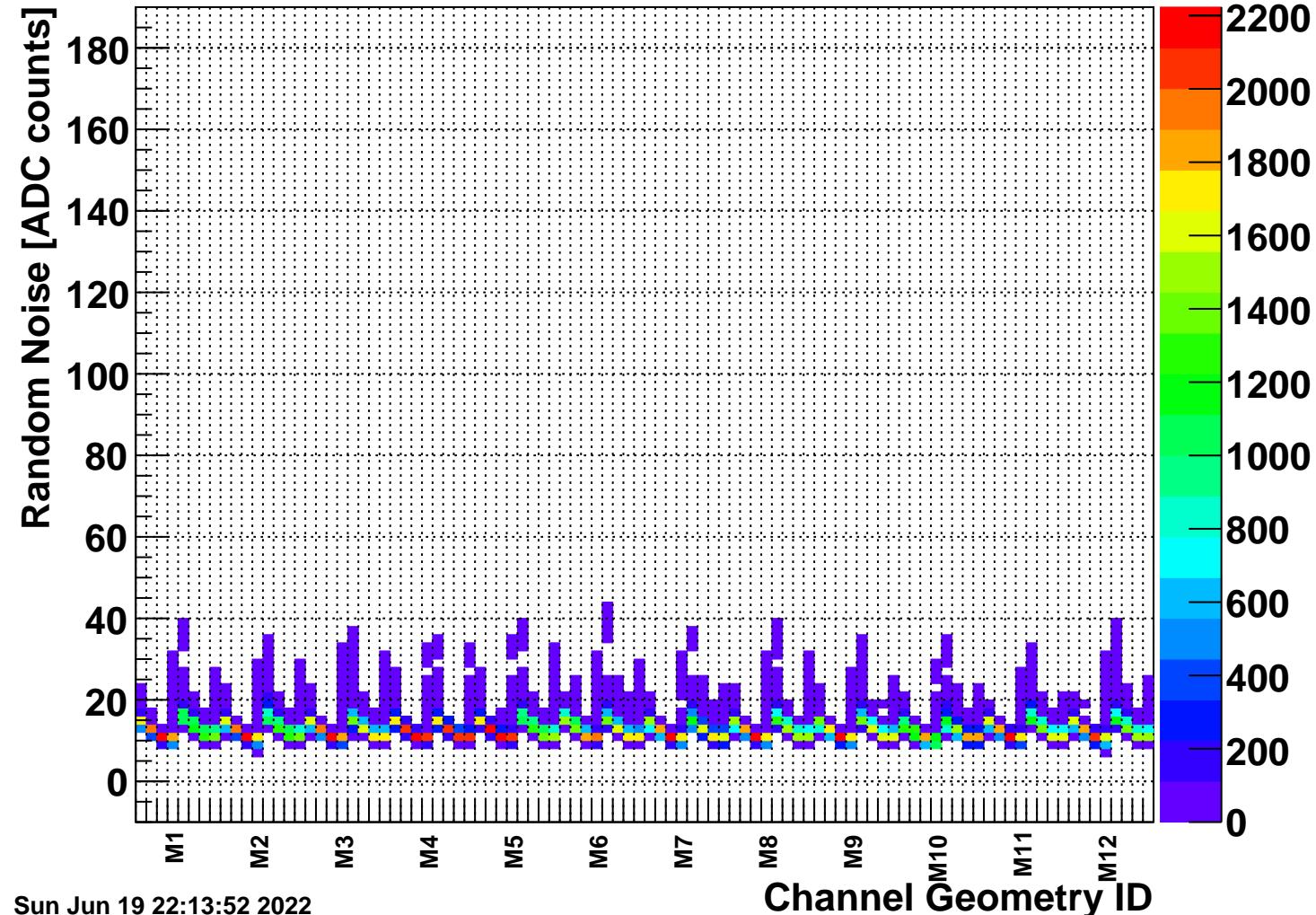
FST - Signal (non-ZS) vs Channel for Disk3



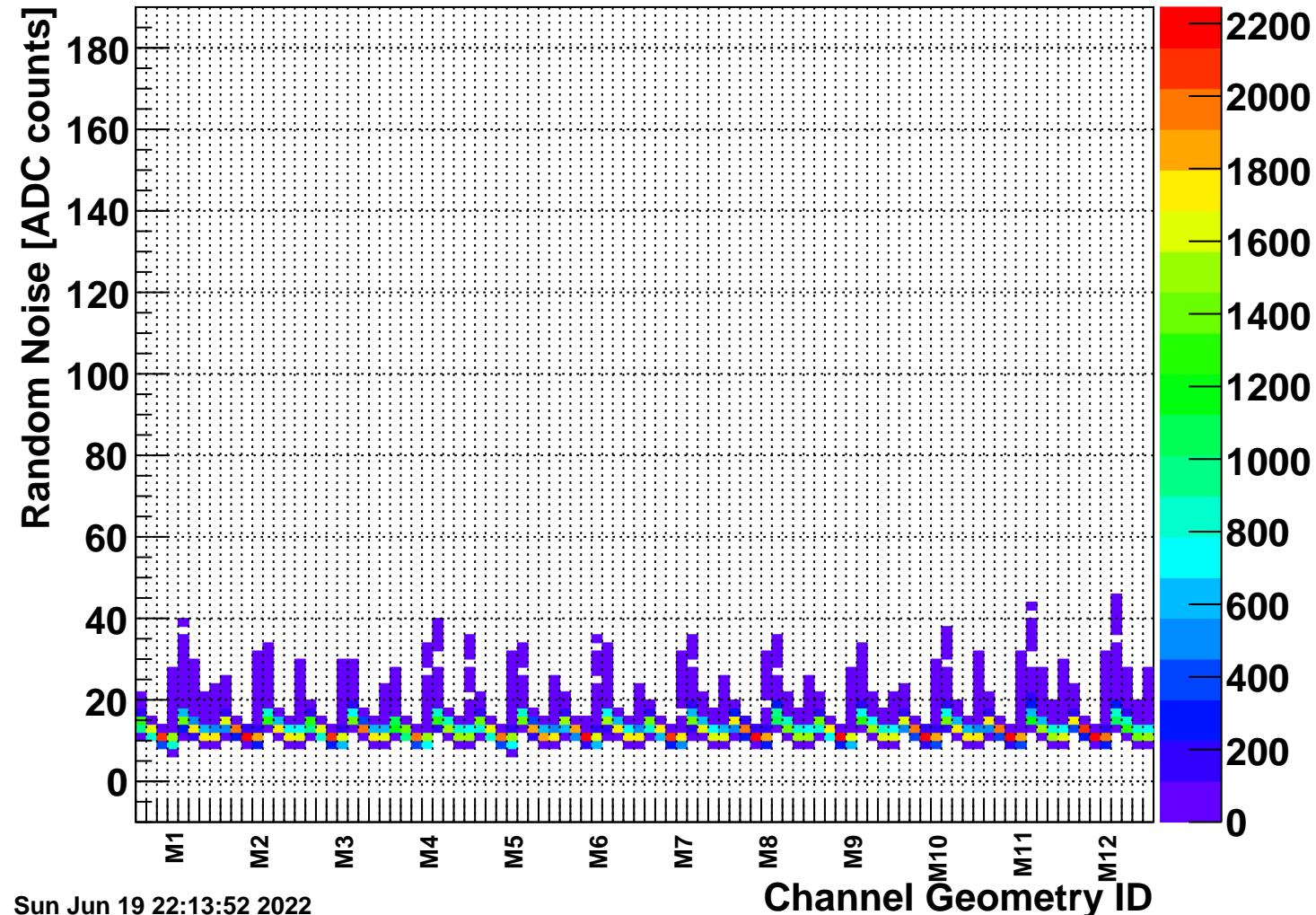
Sun Jun 19 22:13:52 2022

Channel Geometry ID

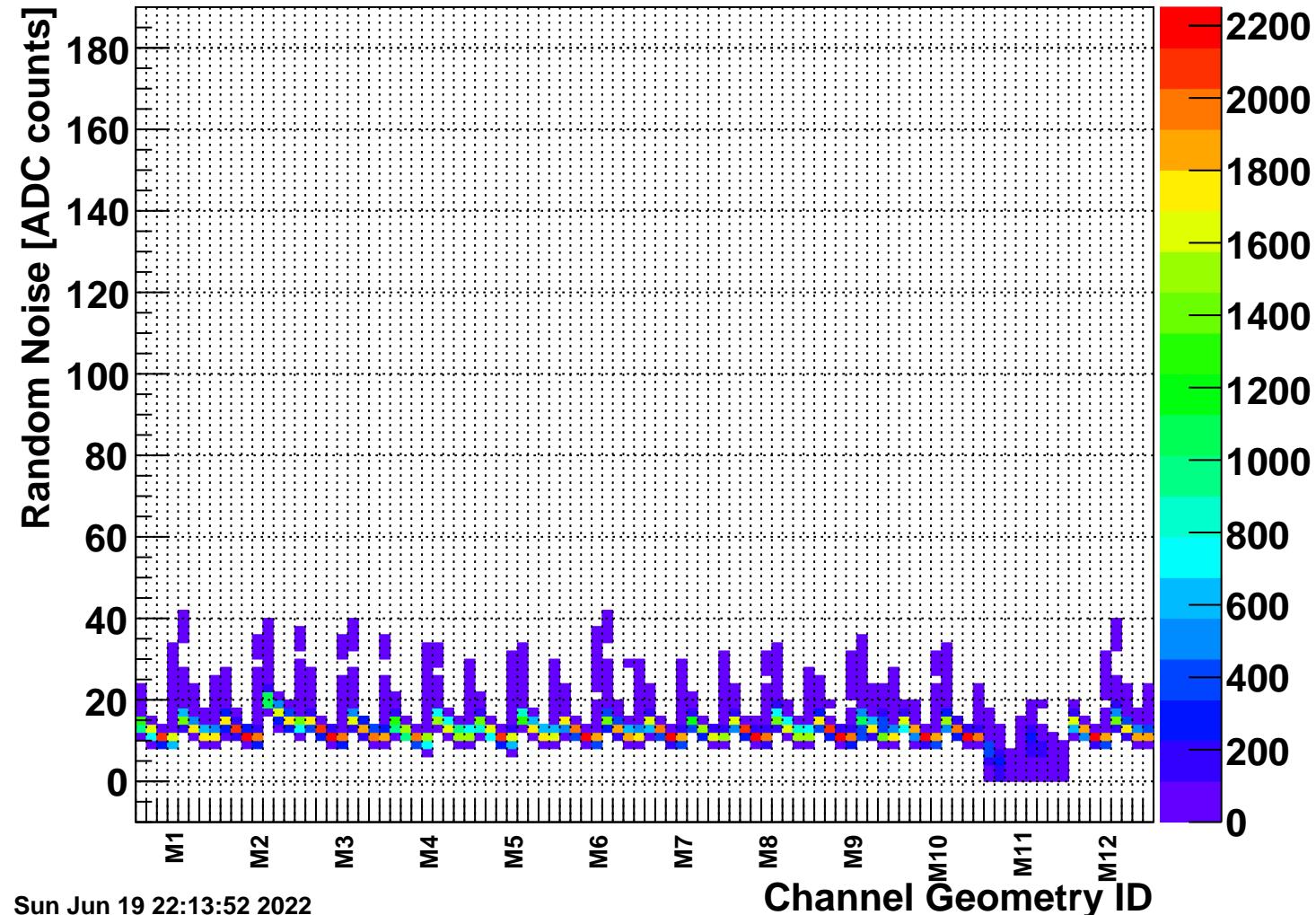
FST - Random Noise (non-ZS) vs Channel for Disk1



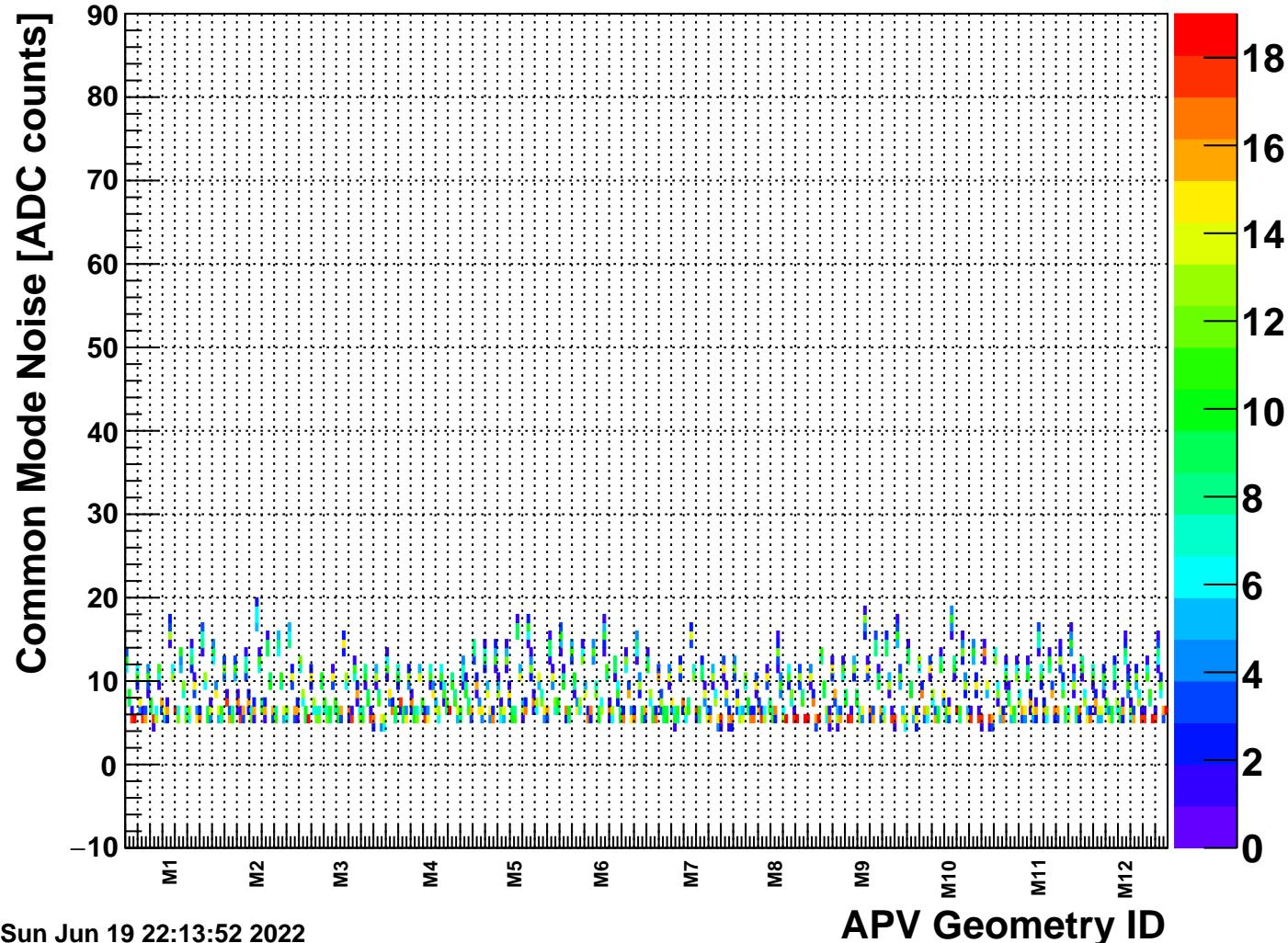
FST - Random Noise (non-ZS) vs Channel for Disk2



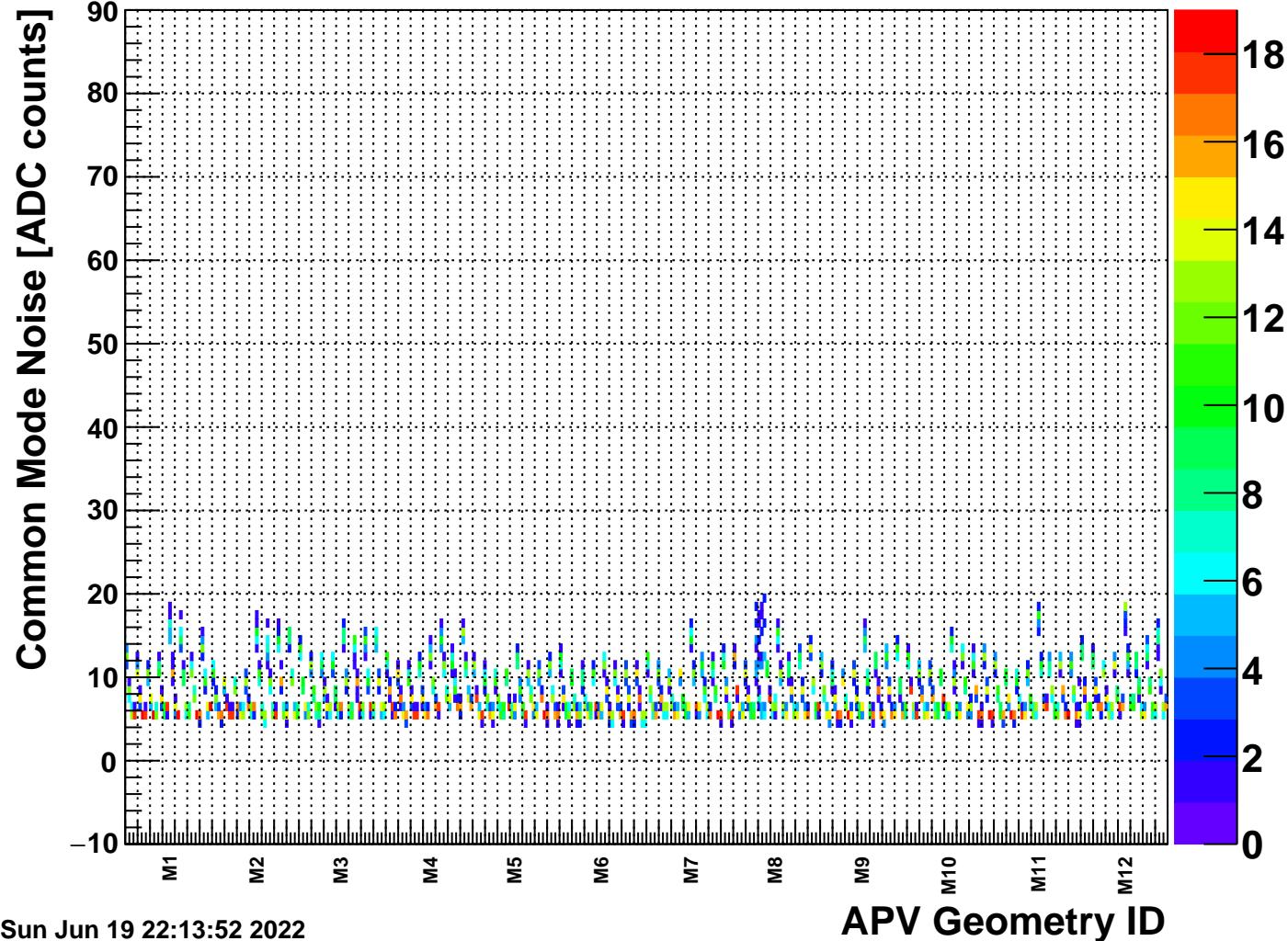
FST - Random Noise (non-ZS) vs Channel for Disk3



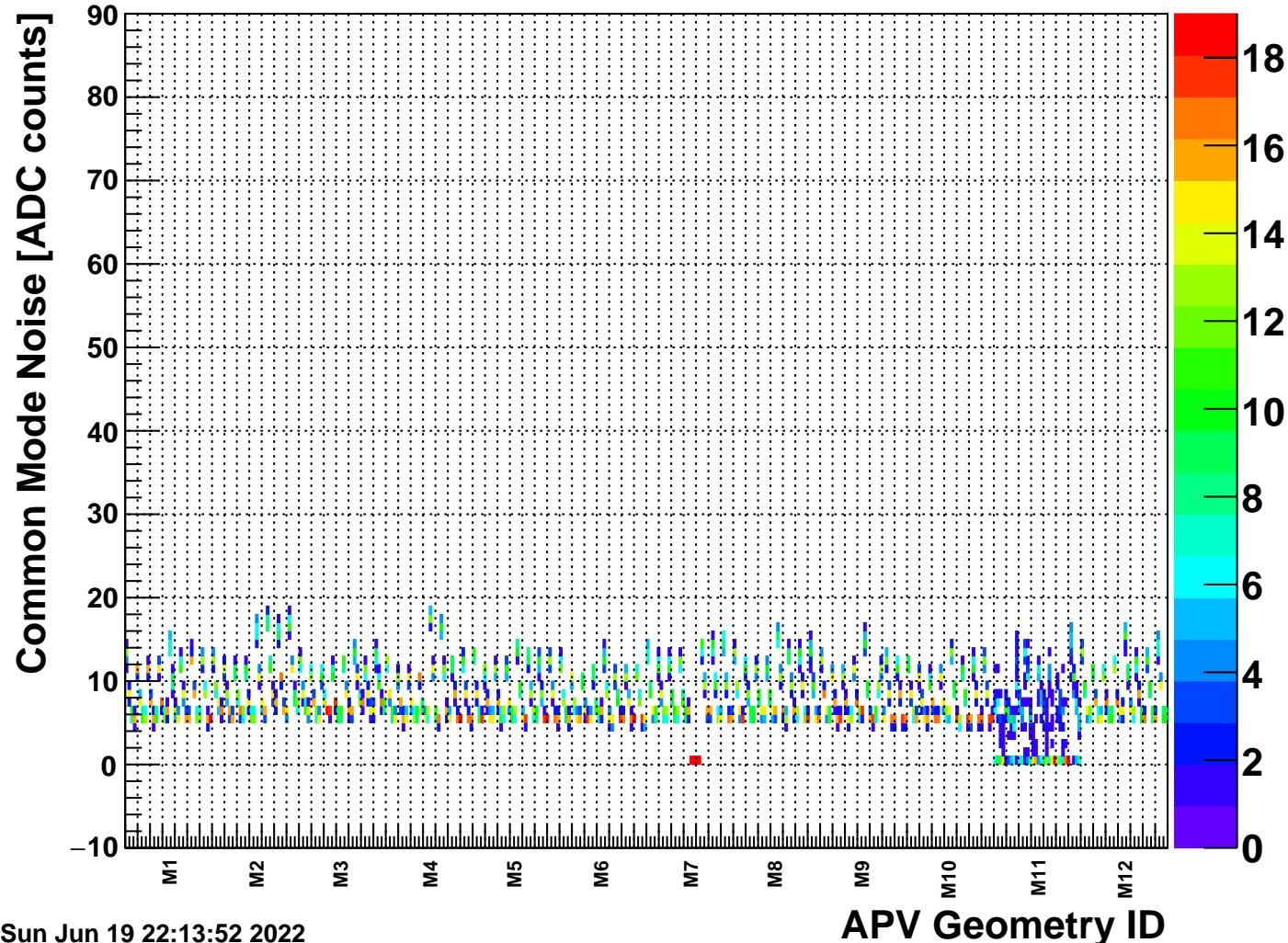
FST - Common Mode Noise (non-ZS) vs APV for Disk1



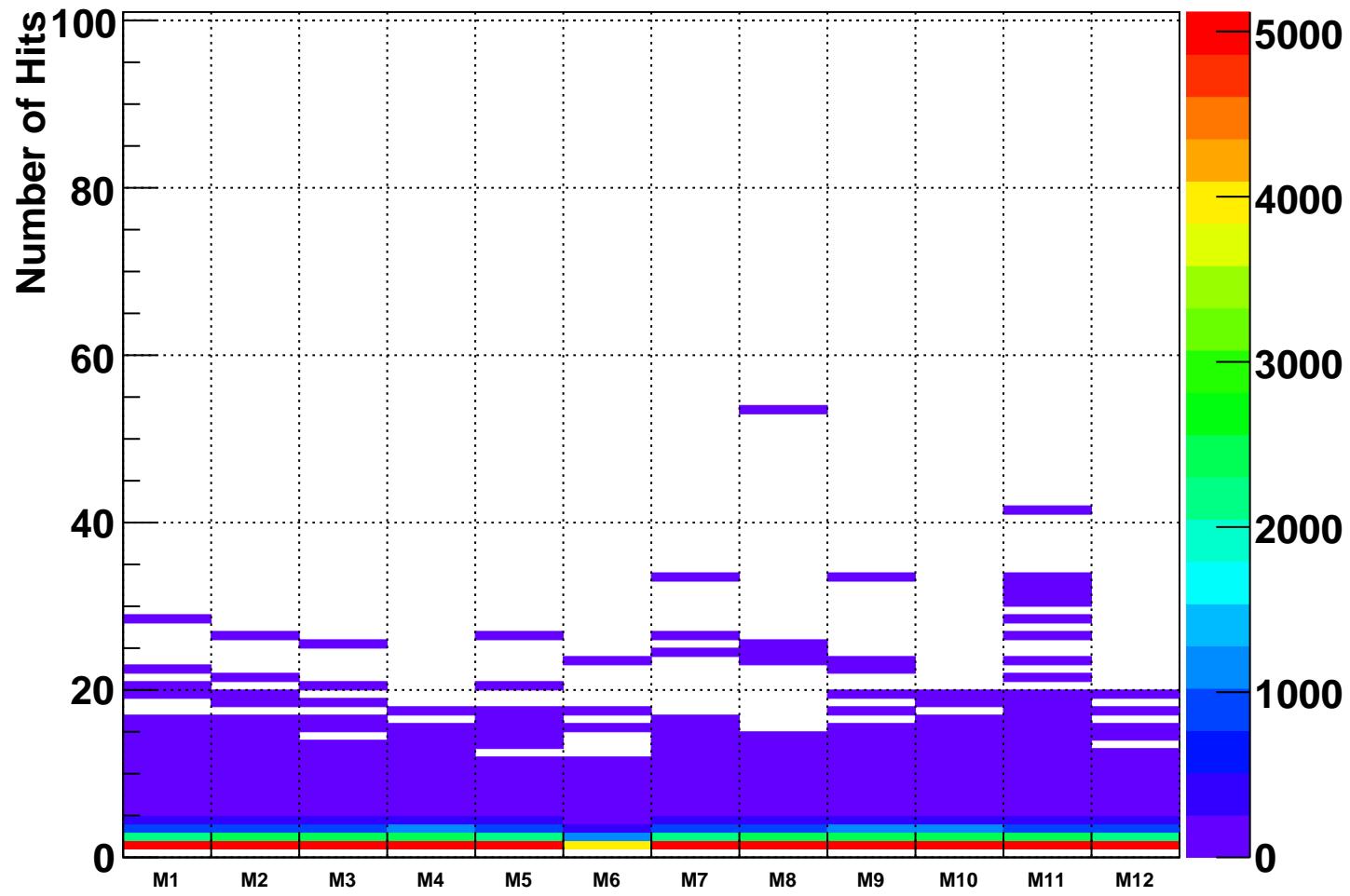
FST - Common Mode Noise (non-ZS) vs APV for Disk2



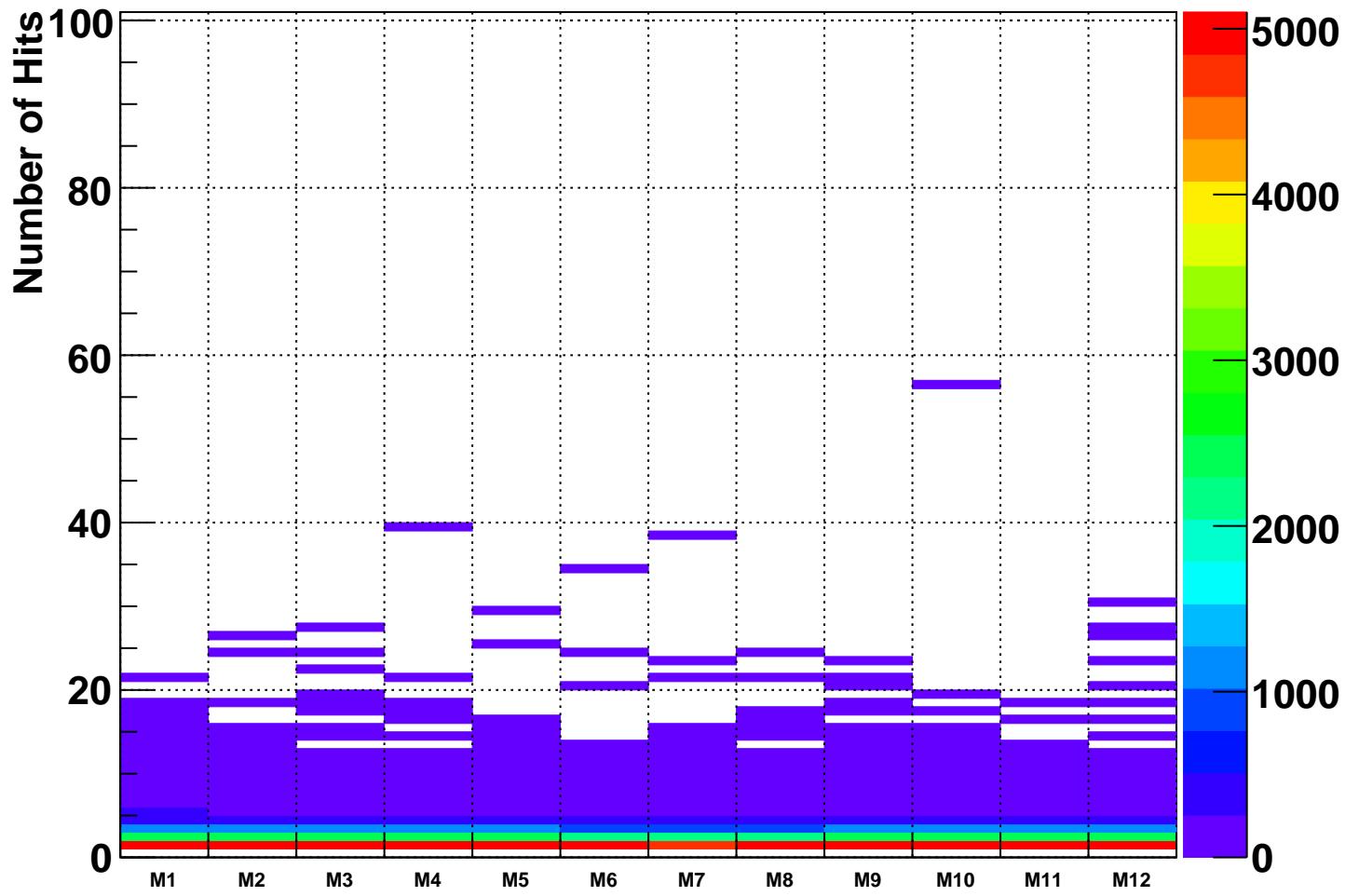
FST - Common Mode Noise (non-ZS) vs APV for Disk3



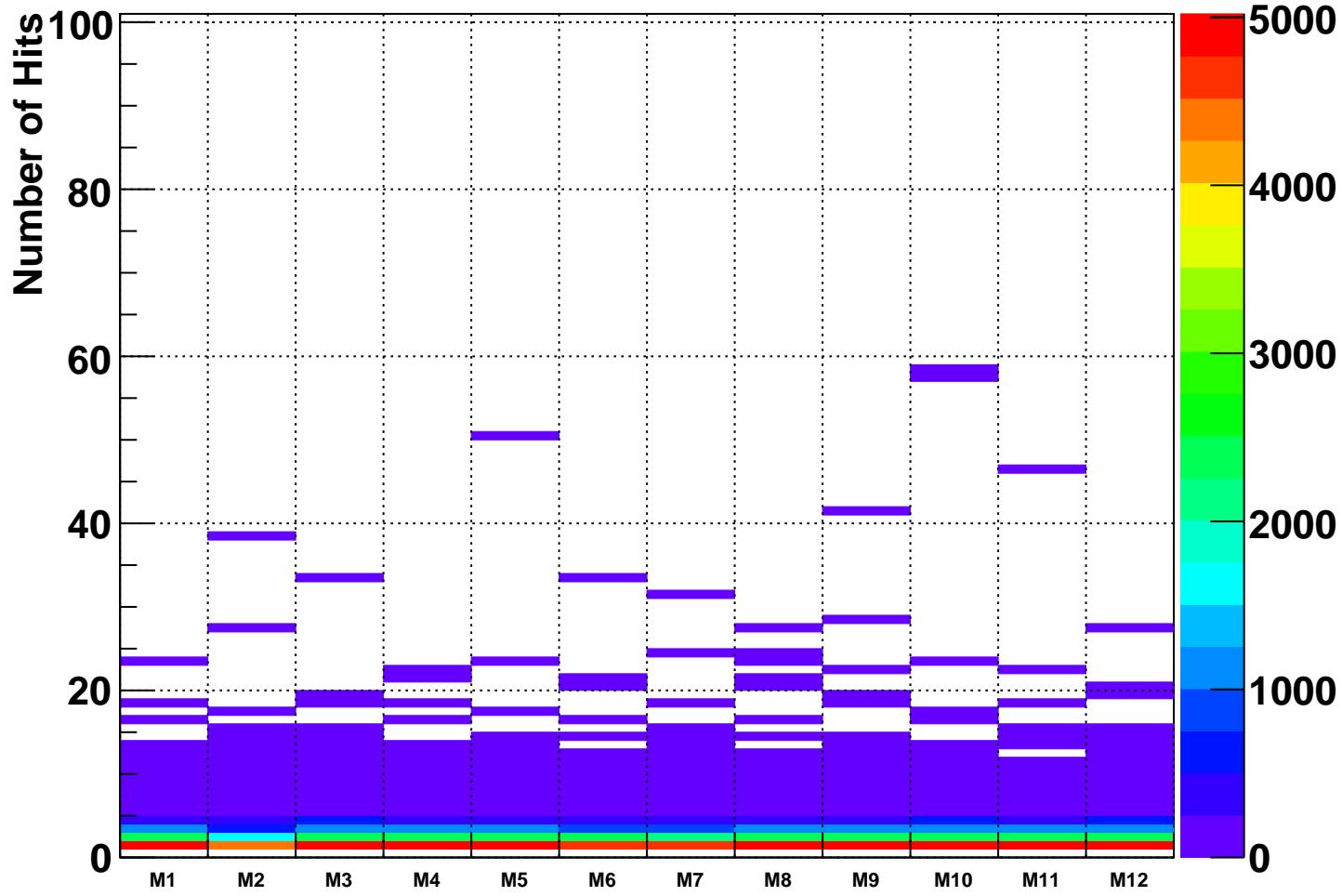
FST - Hit Multiplicity (ZS) vs Module Id for Disk1



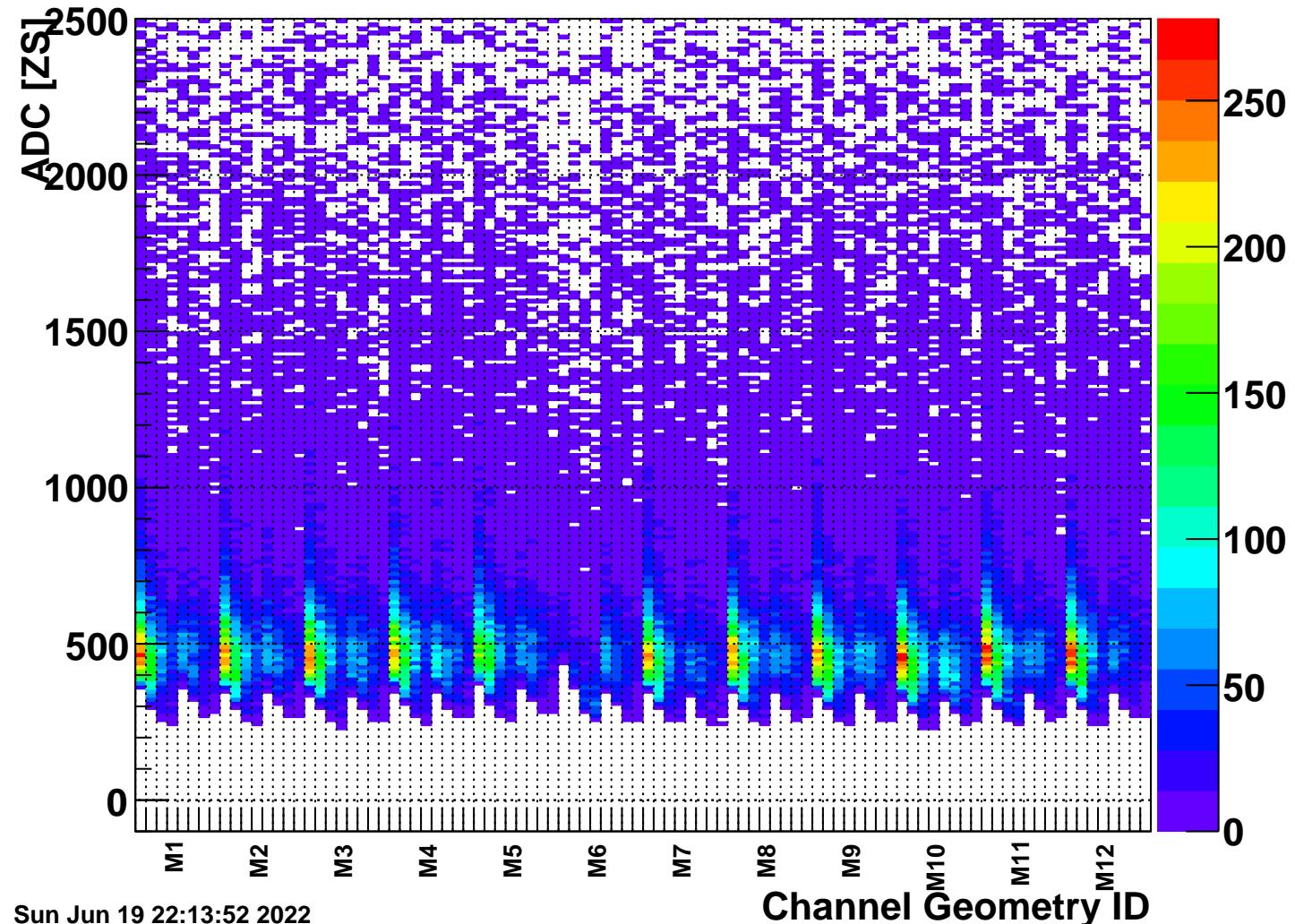
FST - Hit Multiplicity (ZS) vs Module Id for Disk2



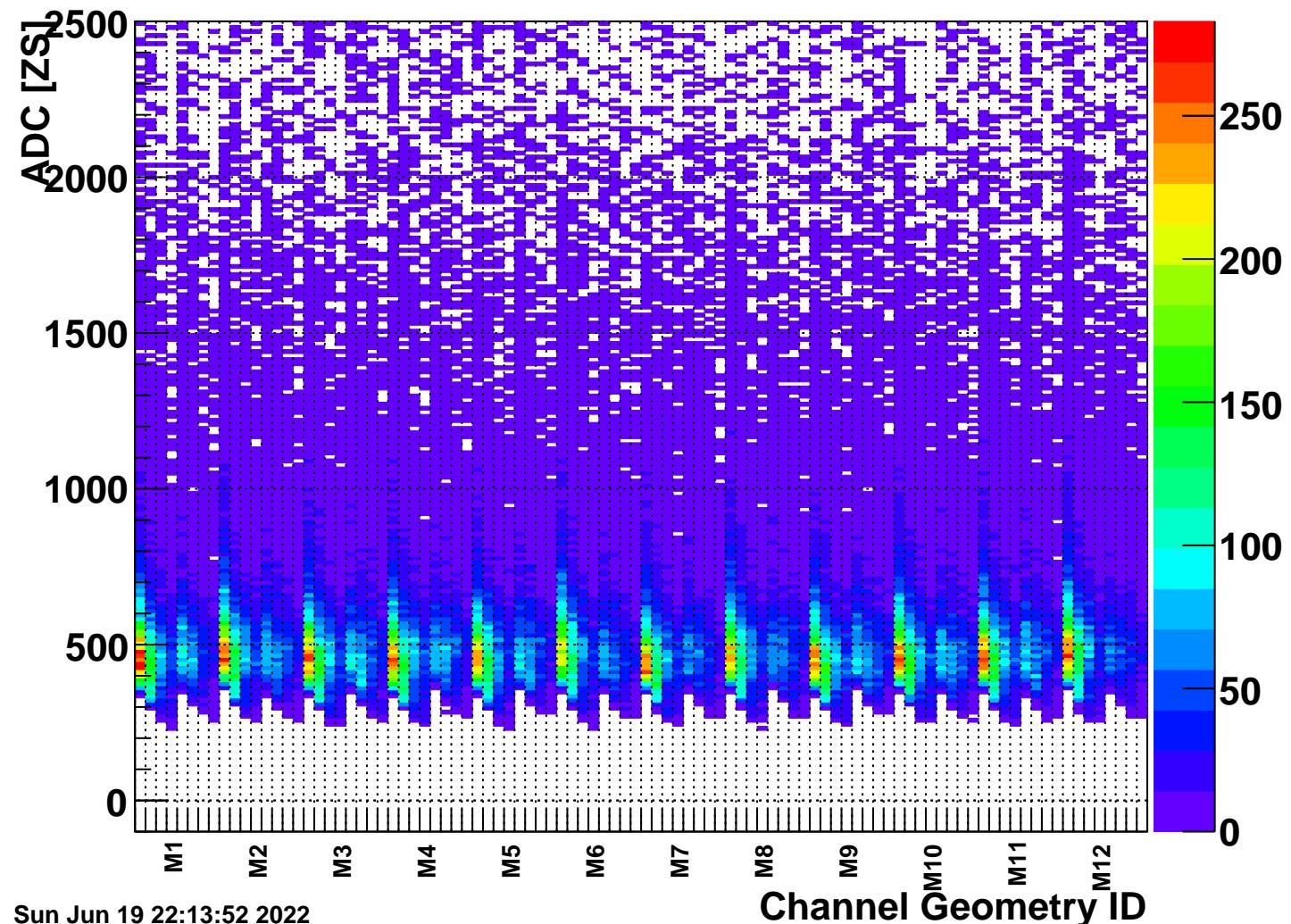
FST - Hit Multiplicity (ZS) vs Module Id for Disk3



FST - Signal (ZS) vs Channel for Disk1



FST - Signal (ZS) vs Channel for Disk2



FST - Signal (ZS) vs Channel for Disk3

