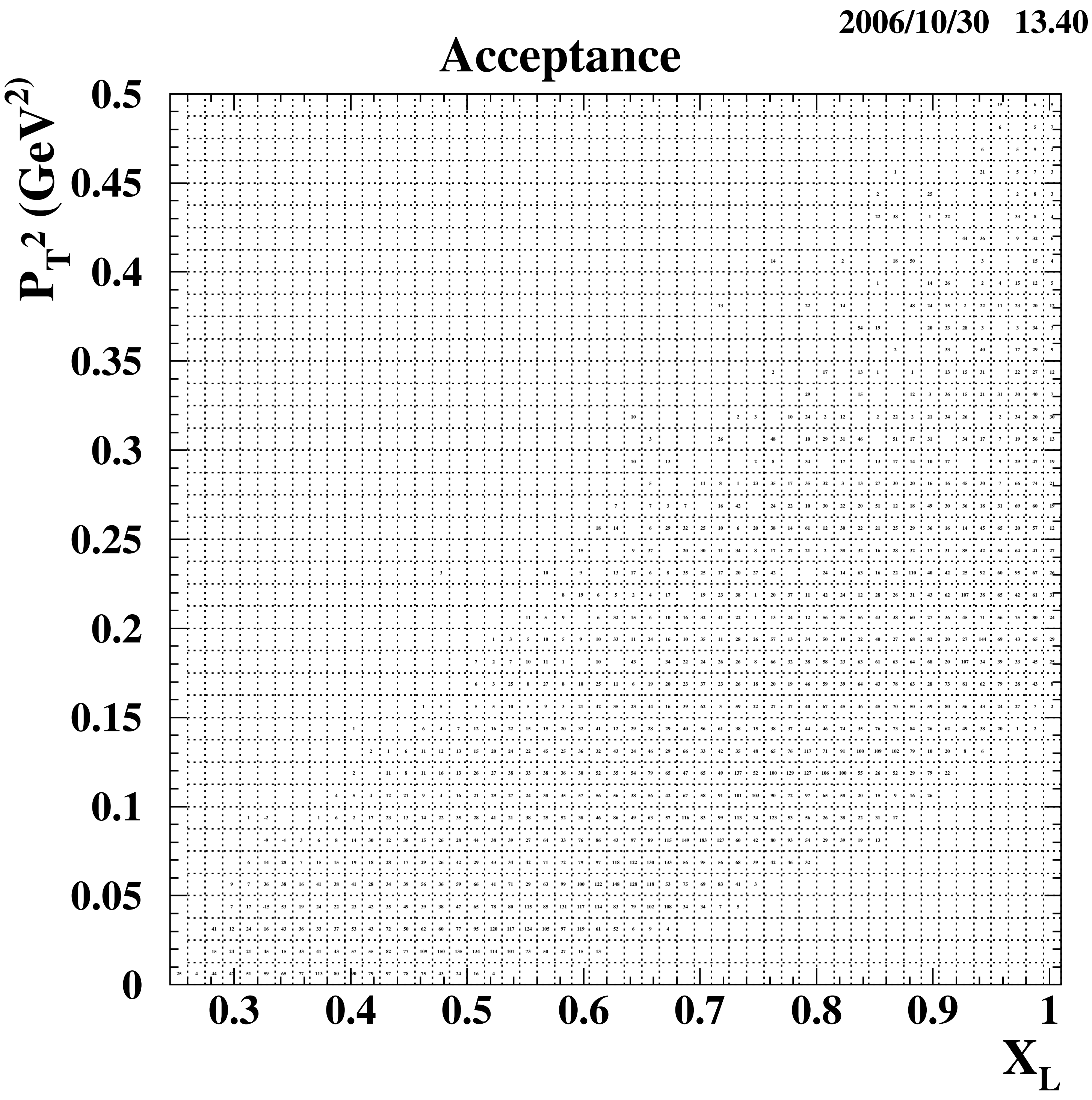
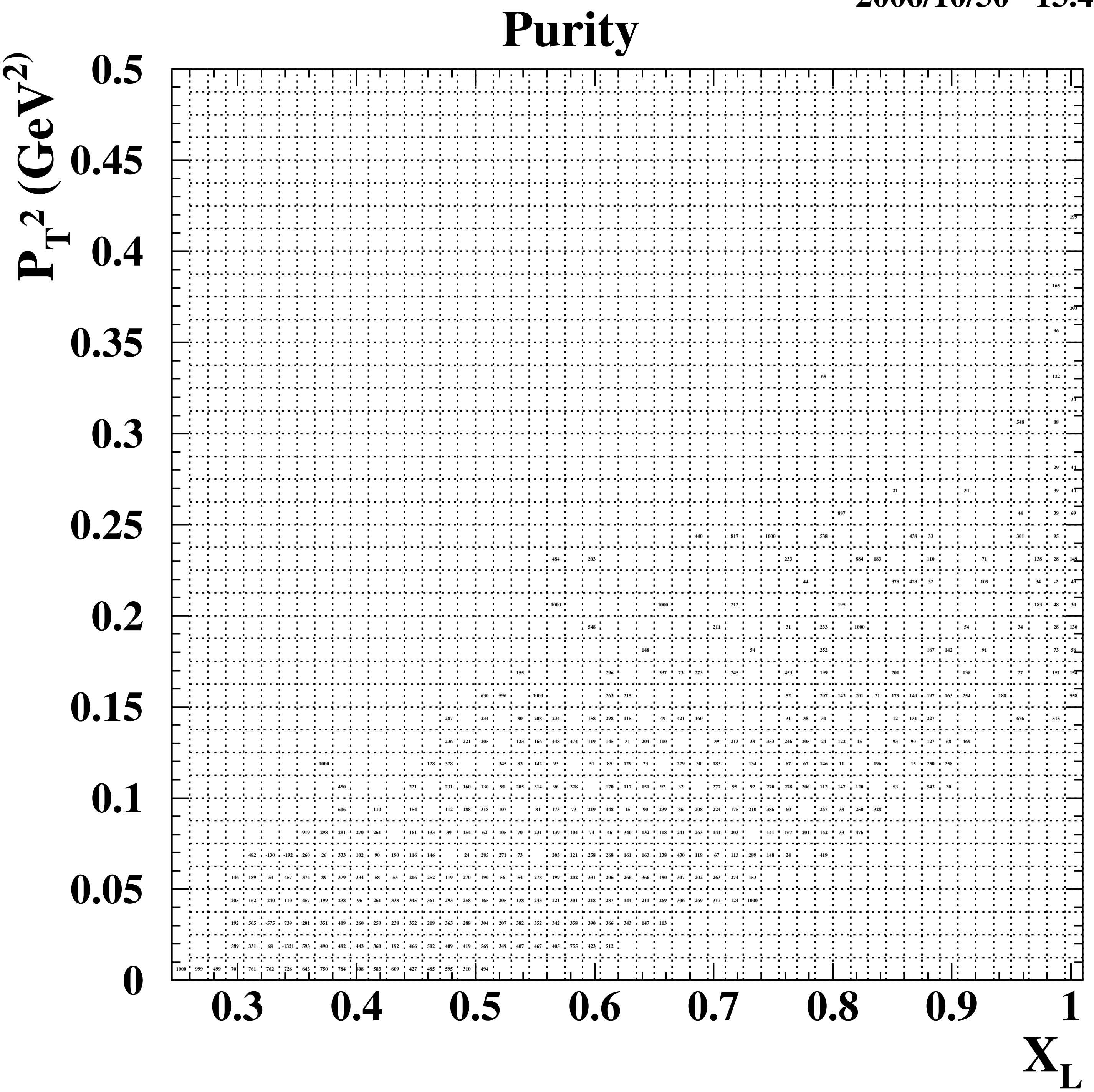
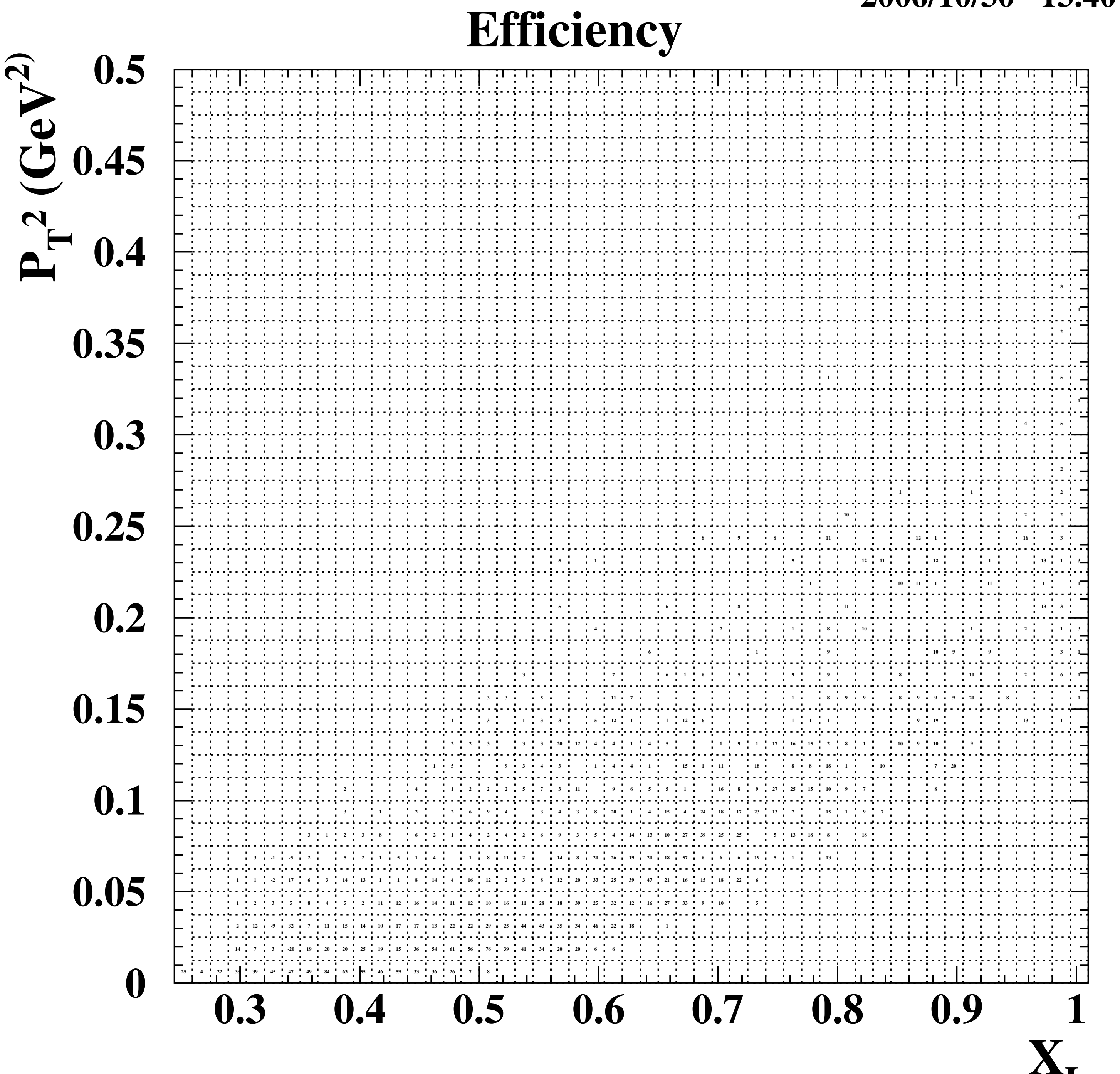
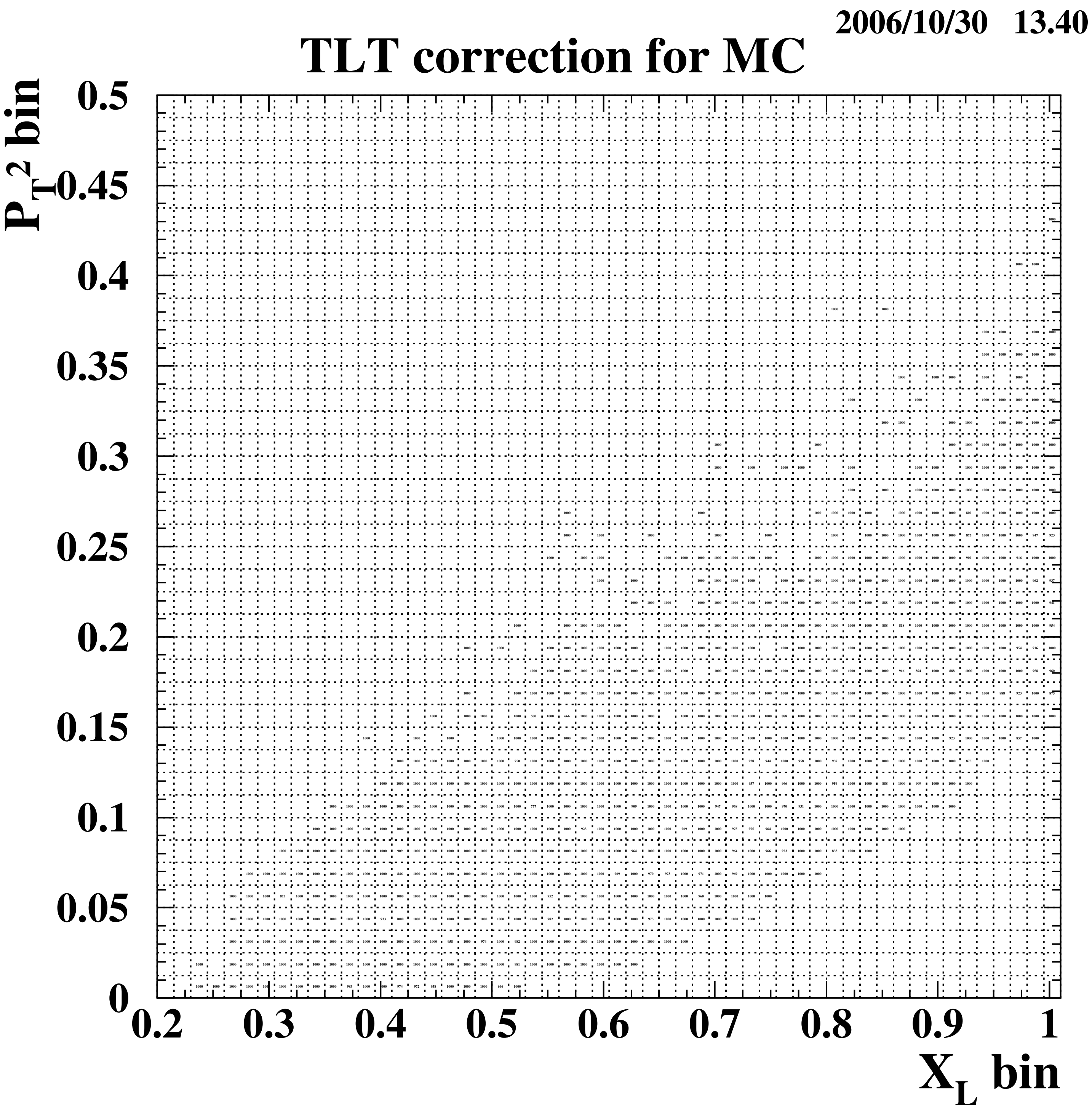

2006/10/30 13.40
Acceptance
P_T^2 (GeV^2)
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
X_L

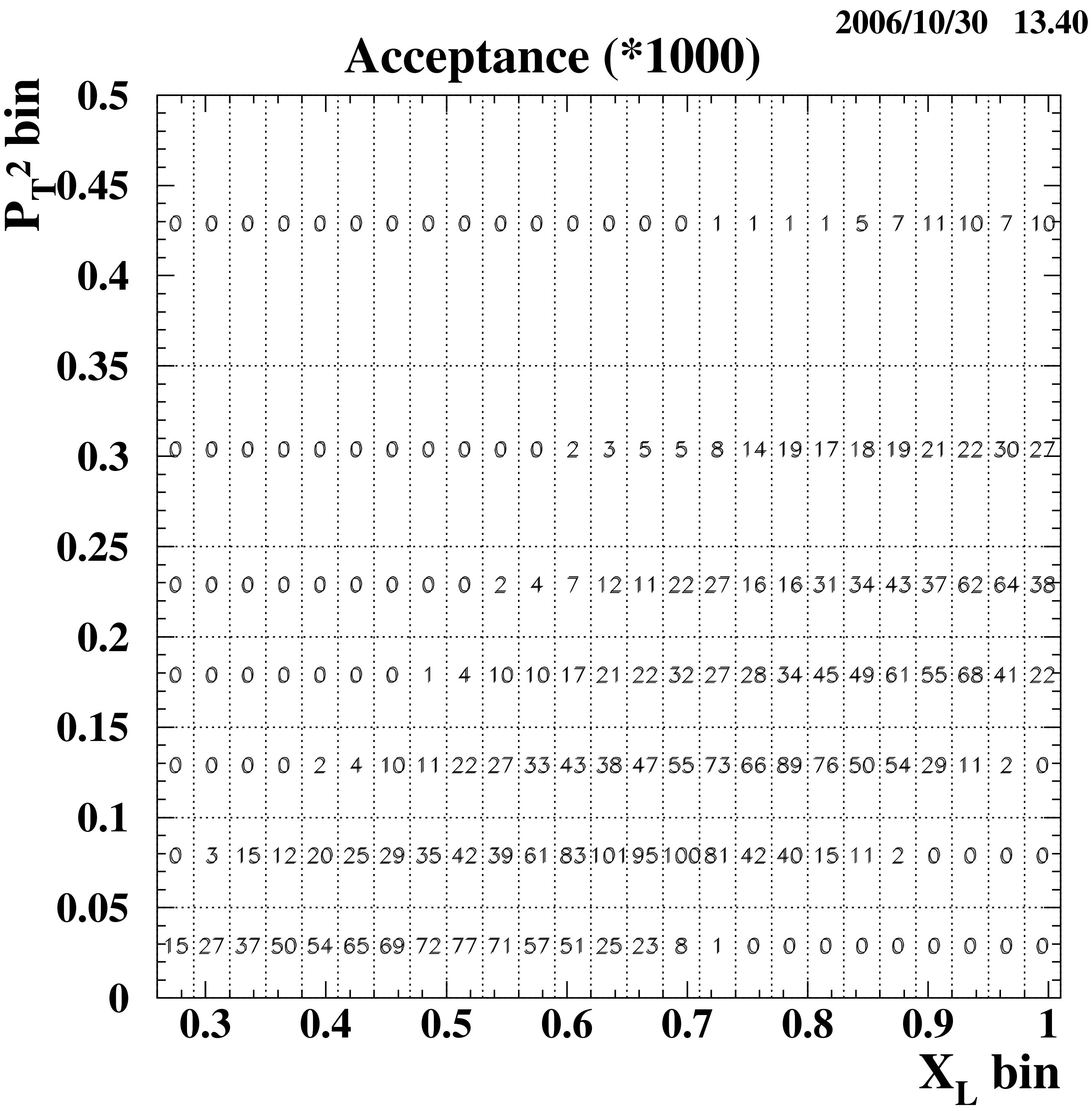
2006/10/30 13.40



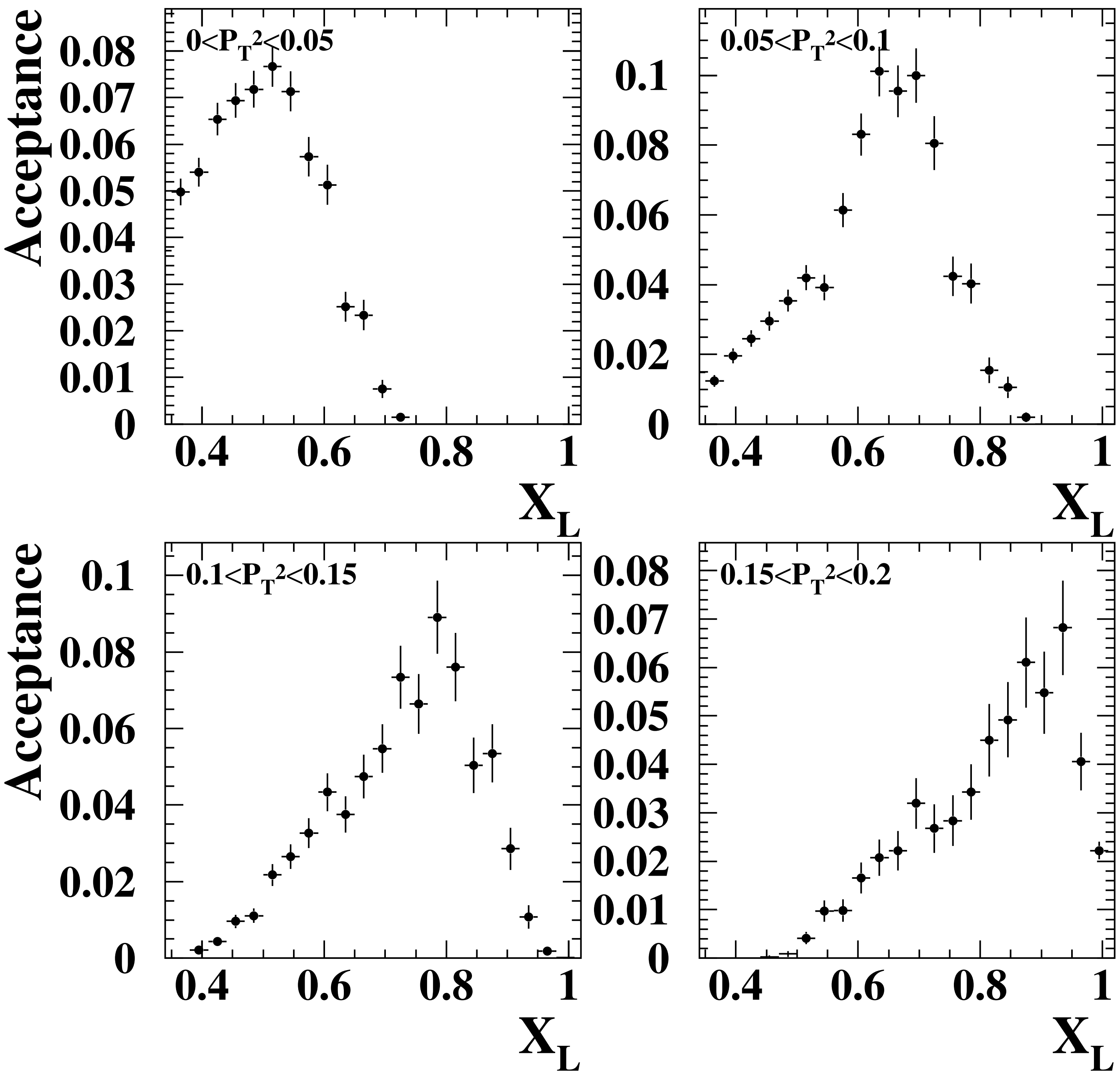
2006/10/30 13.40



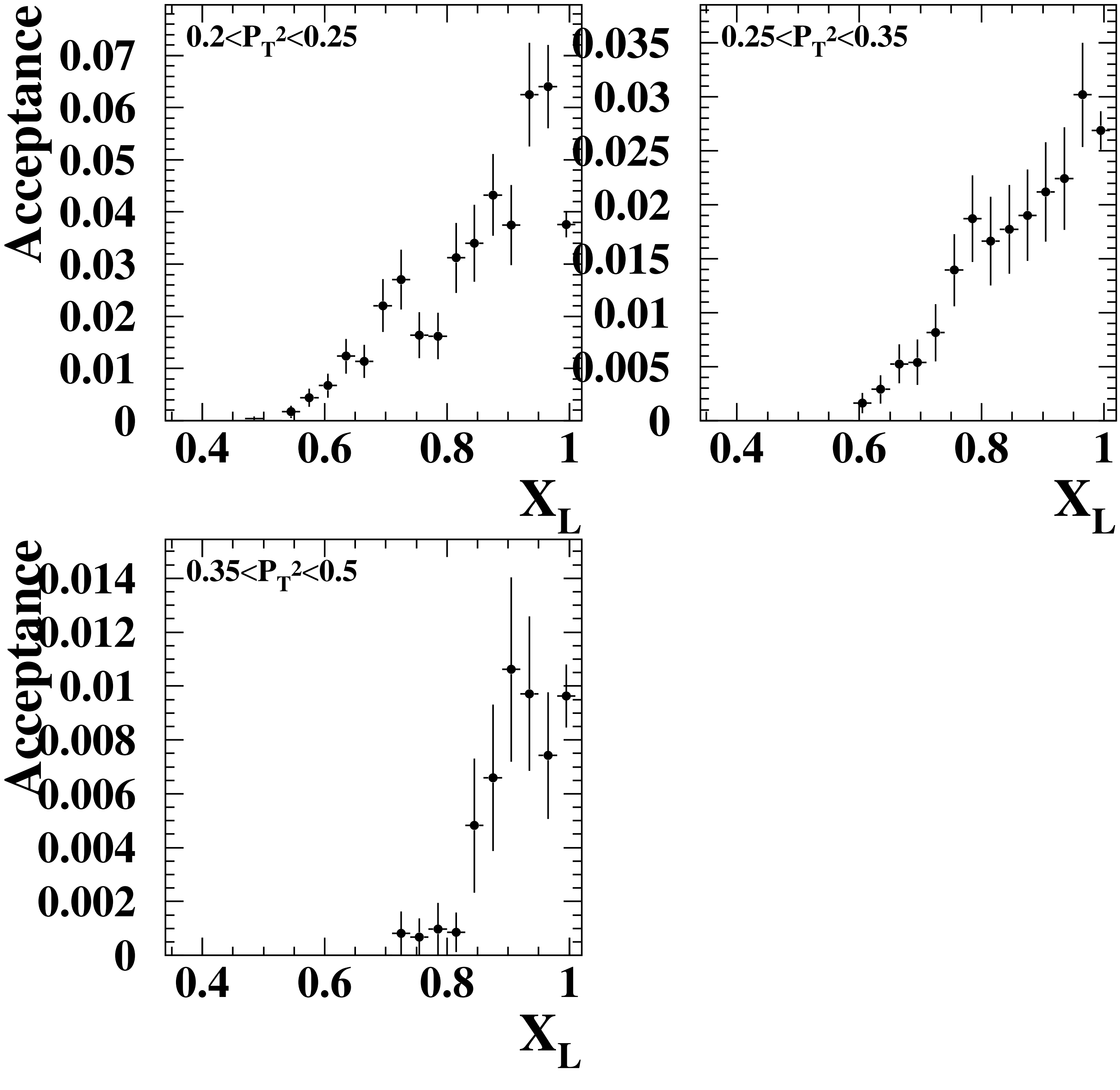

2006/10/30 13.40
TLT correction for MC
P_T^2 bin
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
X_L bin


2006/10/30 13.40
Acceptance (*1000)
P_T^2 bin
X_L bin
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 5 7 11 10 7 10
0 0 0 0 0 0 0 0 0 0 0 2 3 5 5 8 14 19 17 18 19 21 22 30 27
0 0 0 0 0 0 0 0 0 2 4 7 12 11 22 27 16 16 31 34 43 37 62 64 38
0 0 0 0 0 0 0 1 4 10 10 17 21 22 32 27 28 34 45 49 61 55 68 41 22
0 0 0 0 2 4 10 11 22 27 33 43 38 47 55 73 66 89 76 50 54 29 11 2 0
0 3 15 12 20 25 29 35 42 39 61 83 101 95 100 81 42 40 15 11 2 0 0 0 0
15 27 37 50 54 65 69 72 77 71 57 51 25 23 8 1 0 0 0 0 0 0 0 0 0

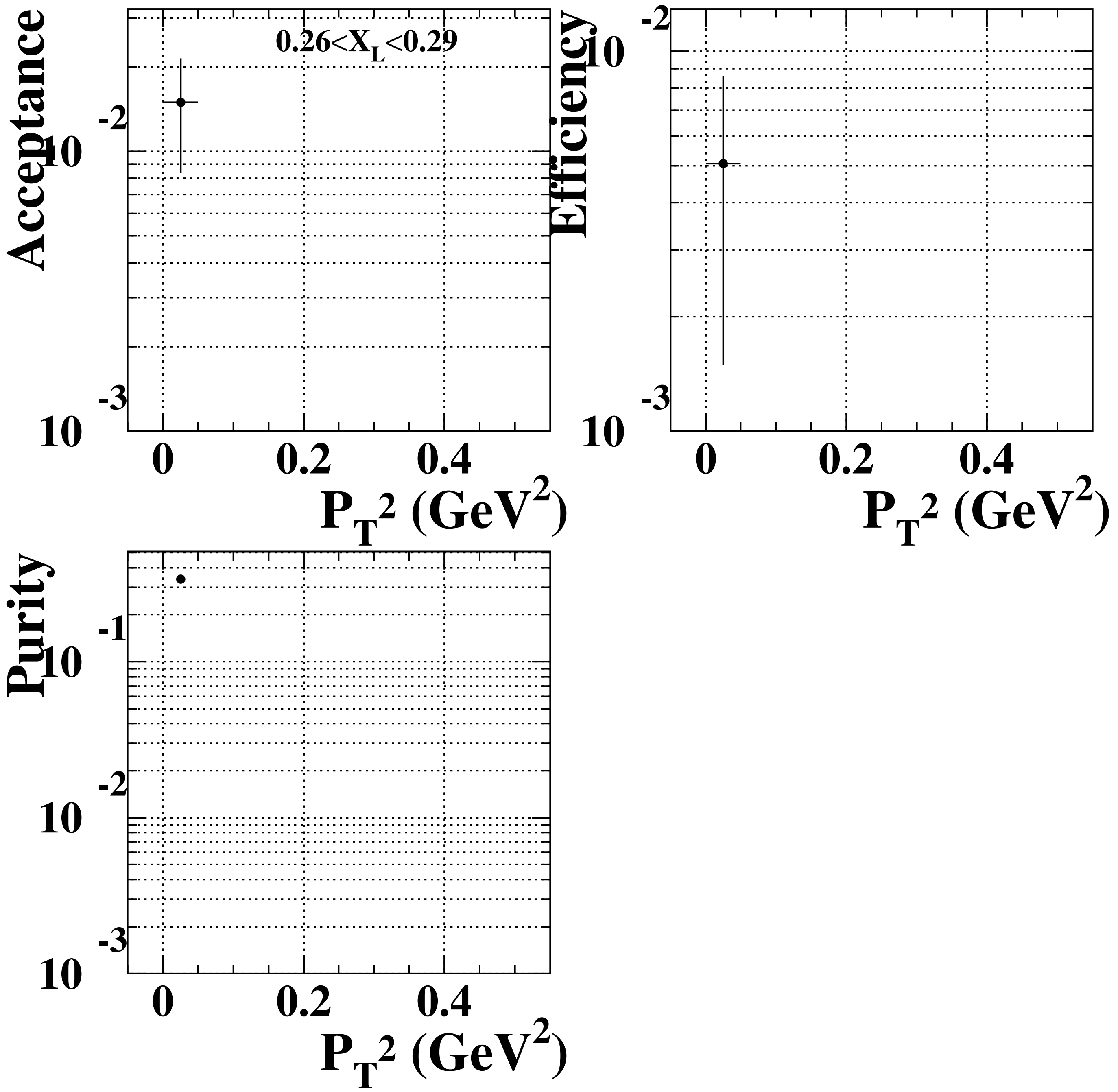
2006/10/30 13.40



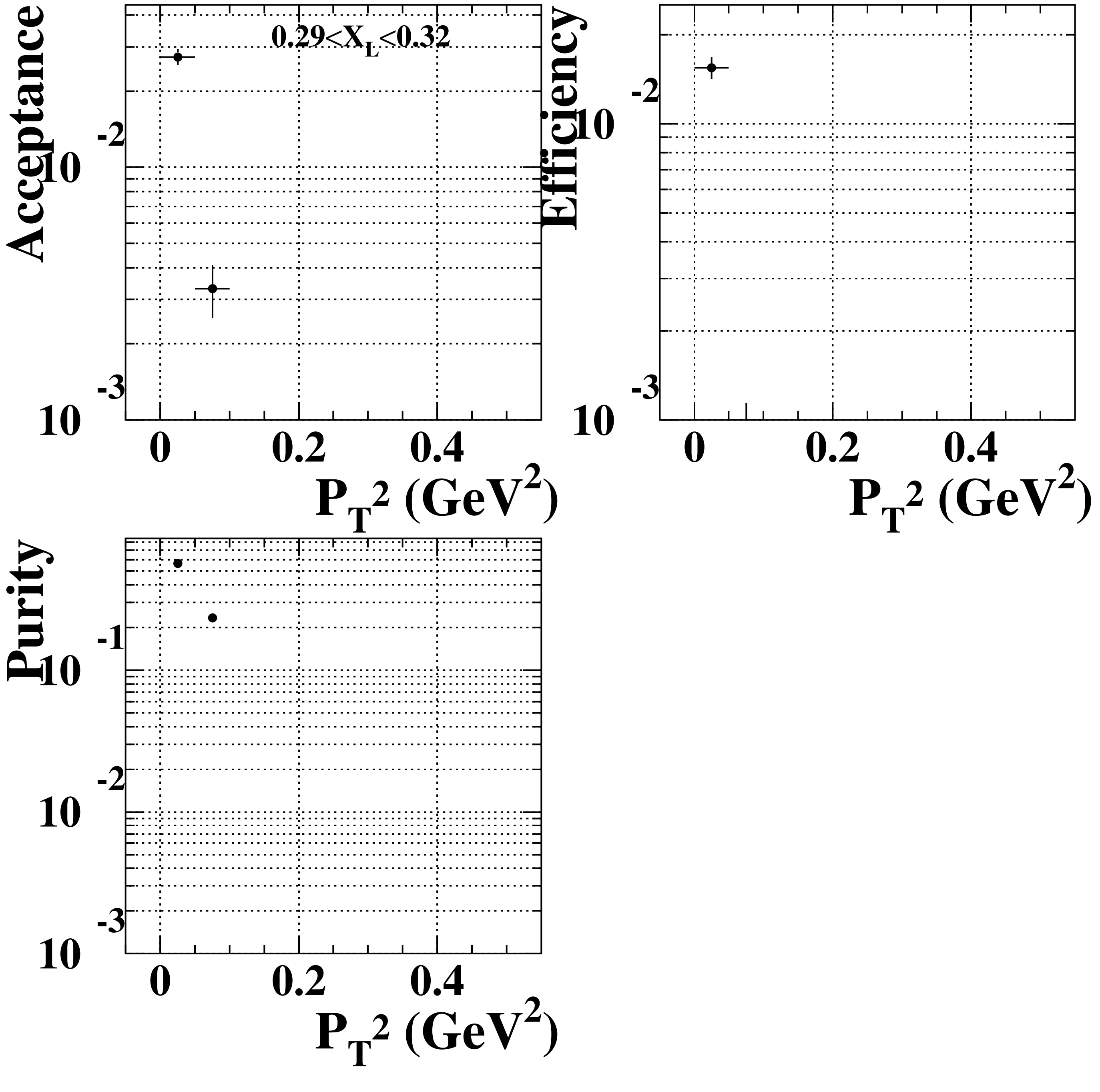
2006/10/30   13.40



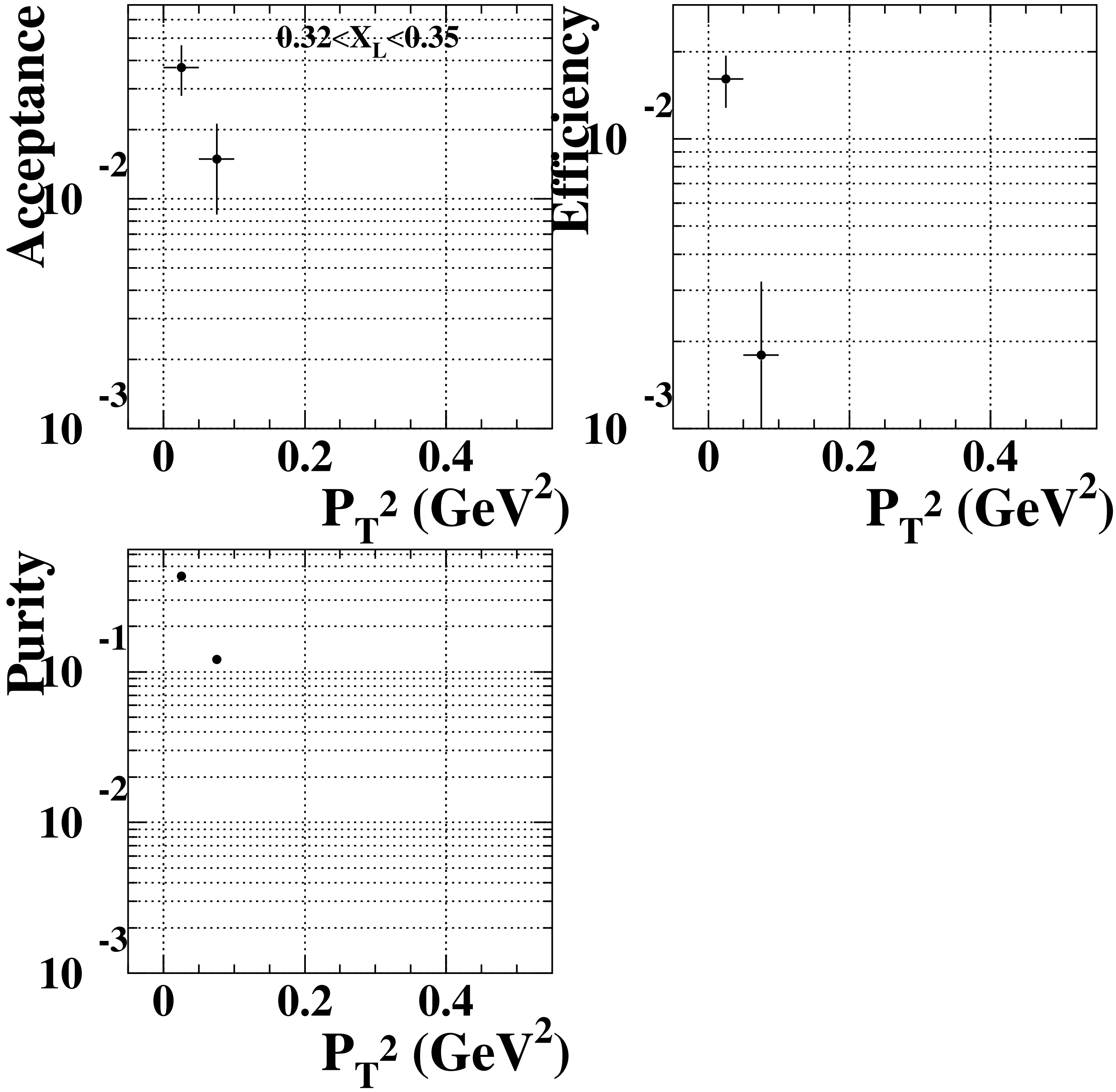
2006/10/30 13.40



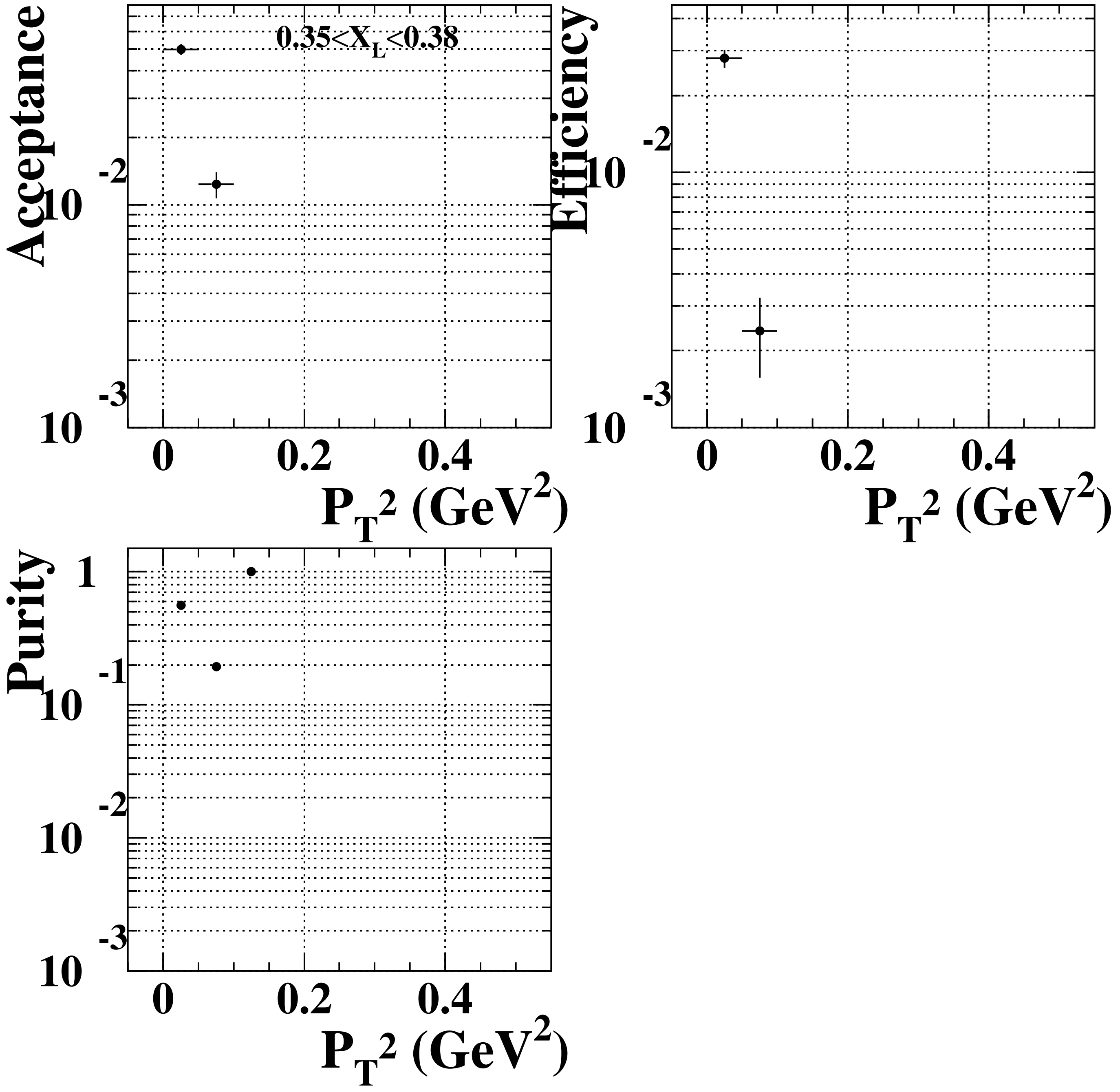
2006/10/30 13.40



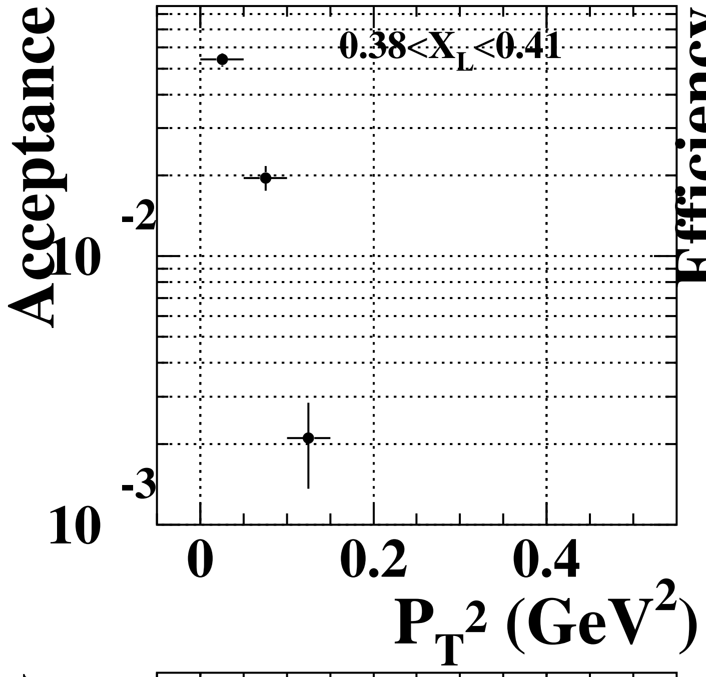
2006/10/30 13.40

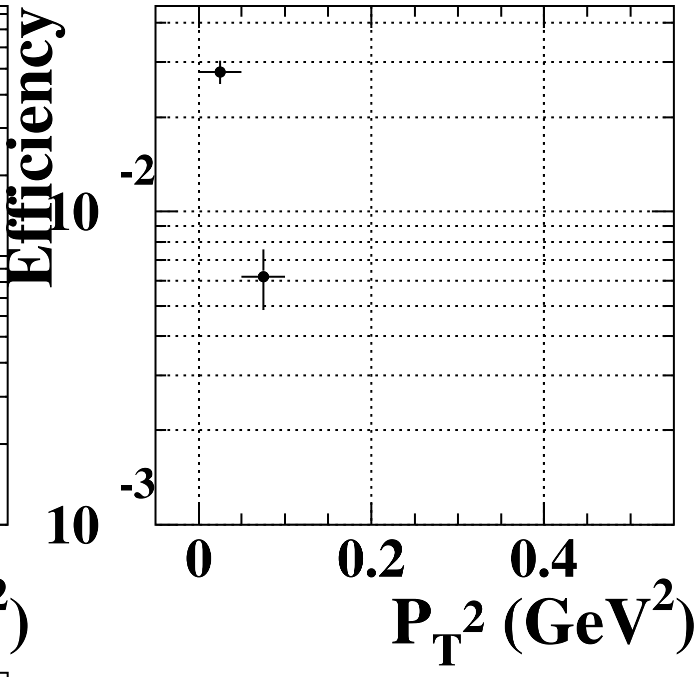


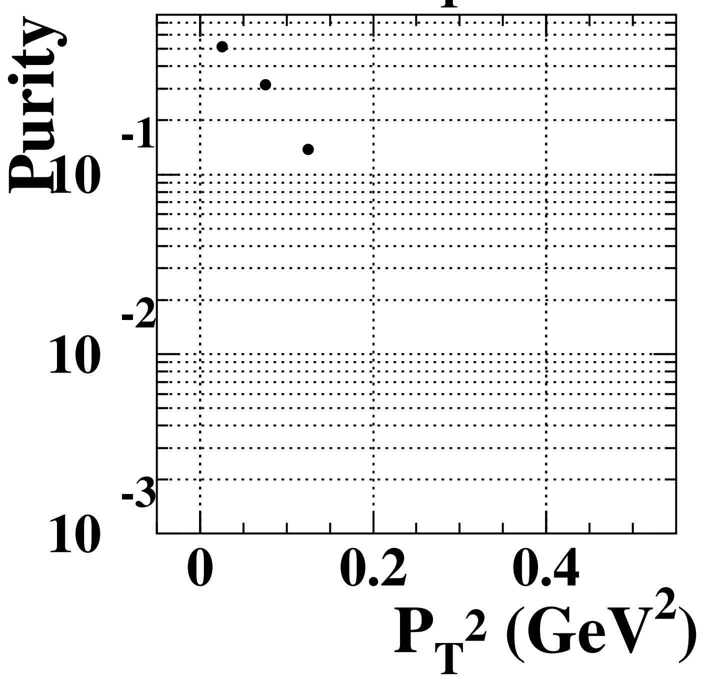
2006/10/30 13.40



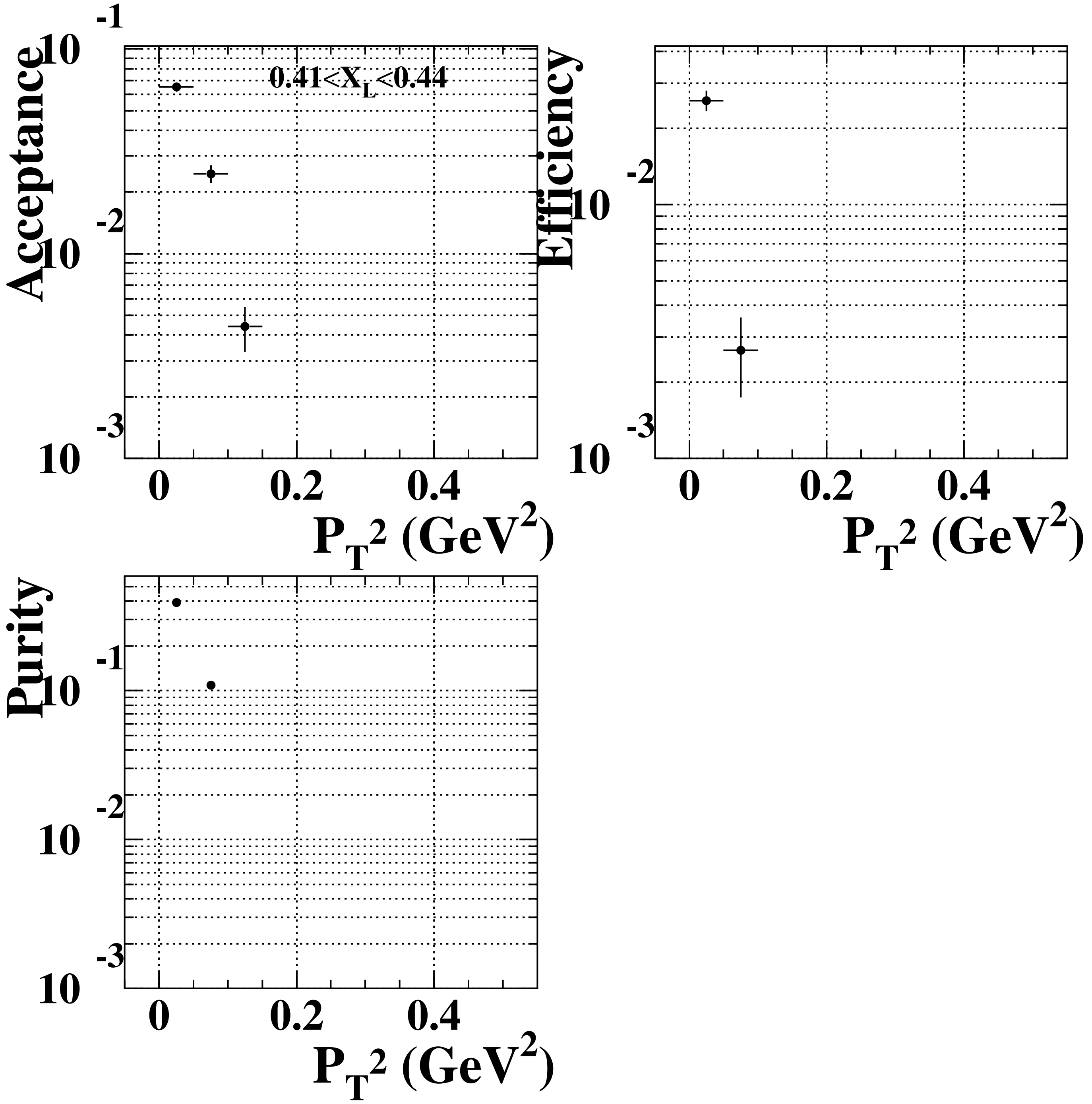
2006/10/30 13.40

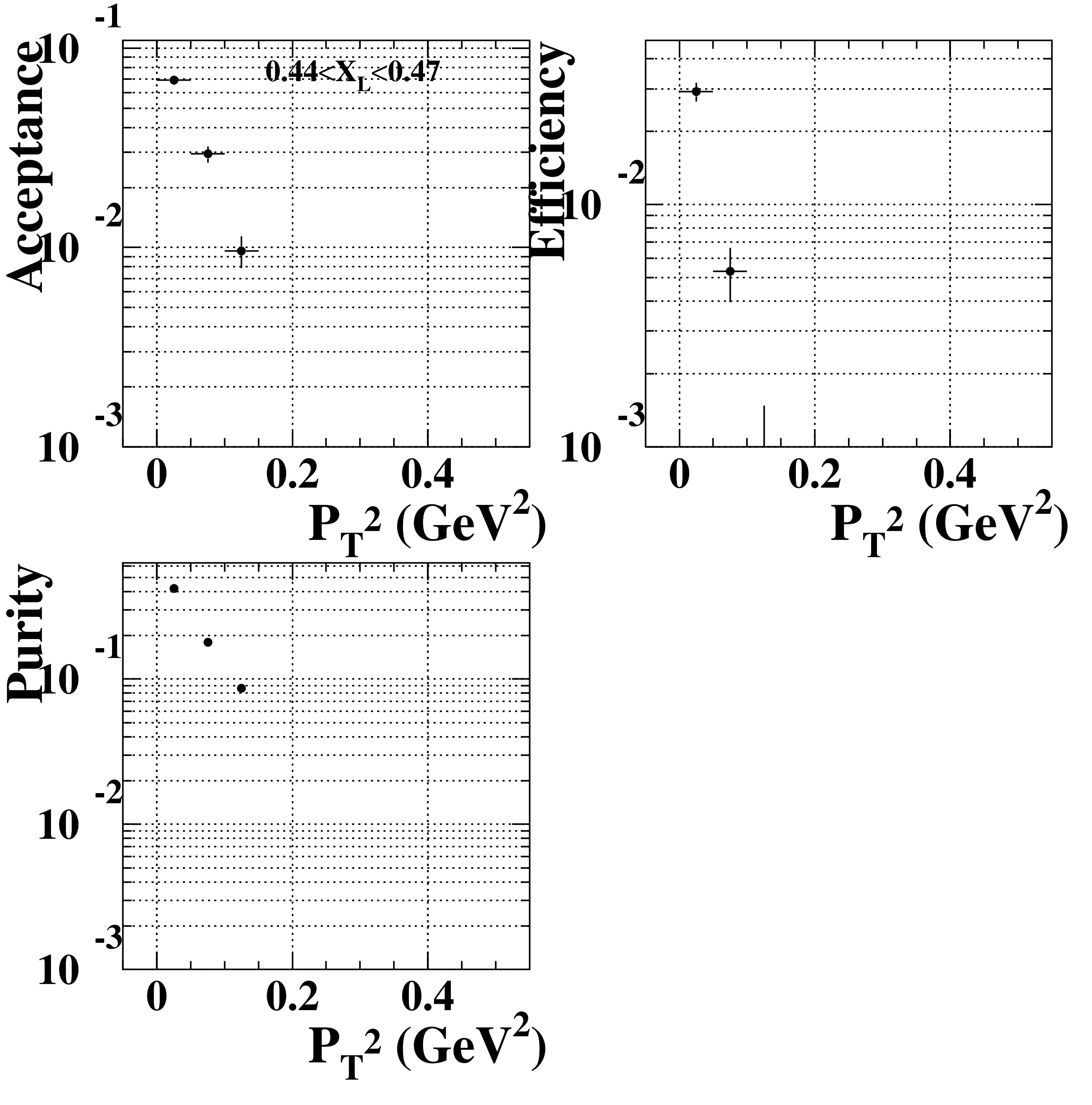




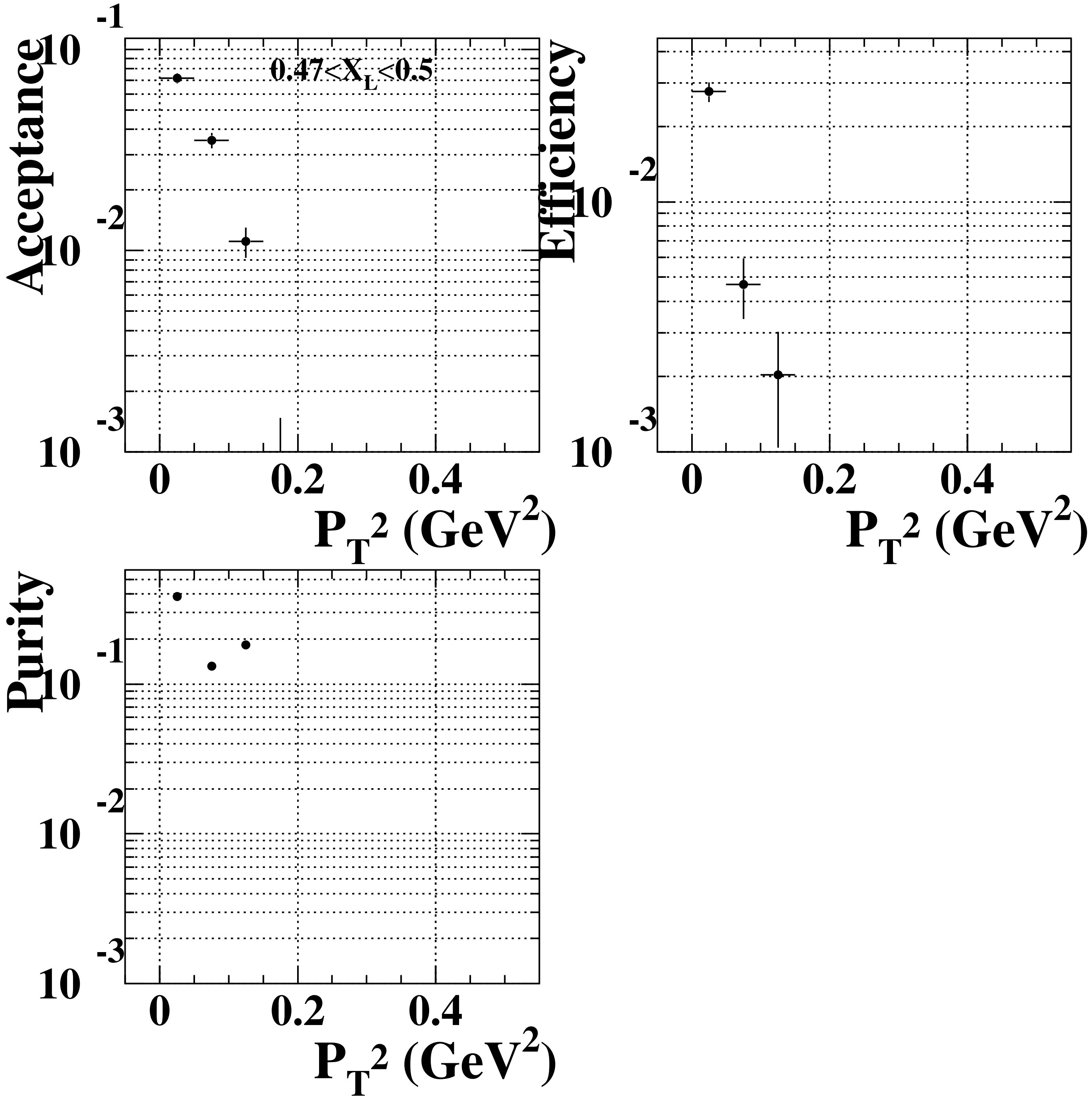


2006/10/30 13.40

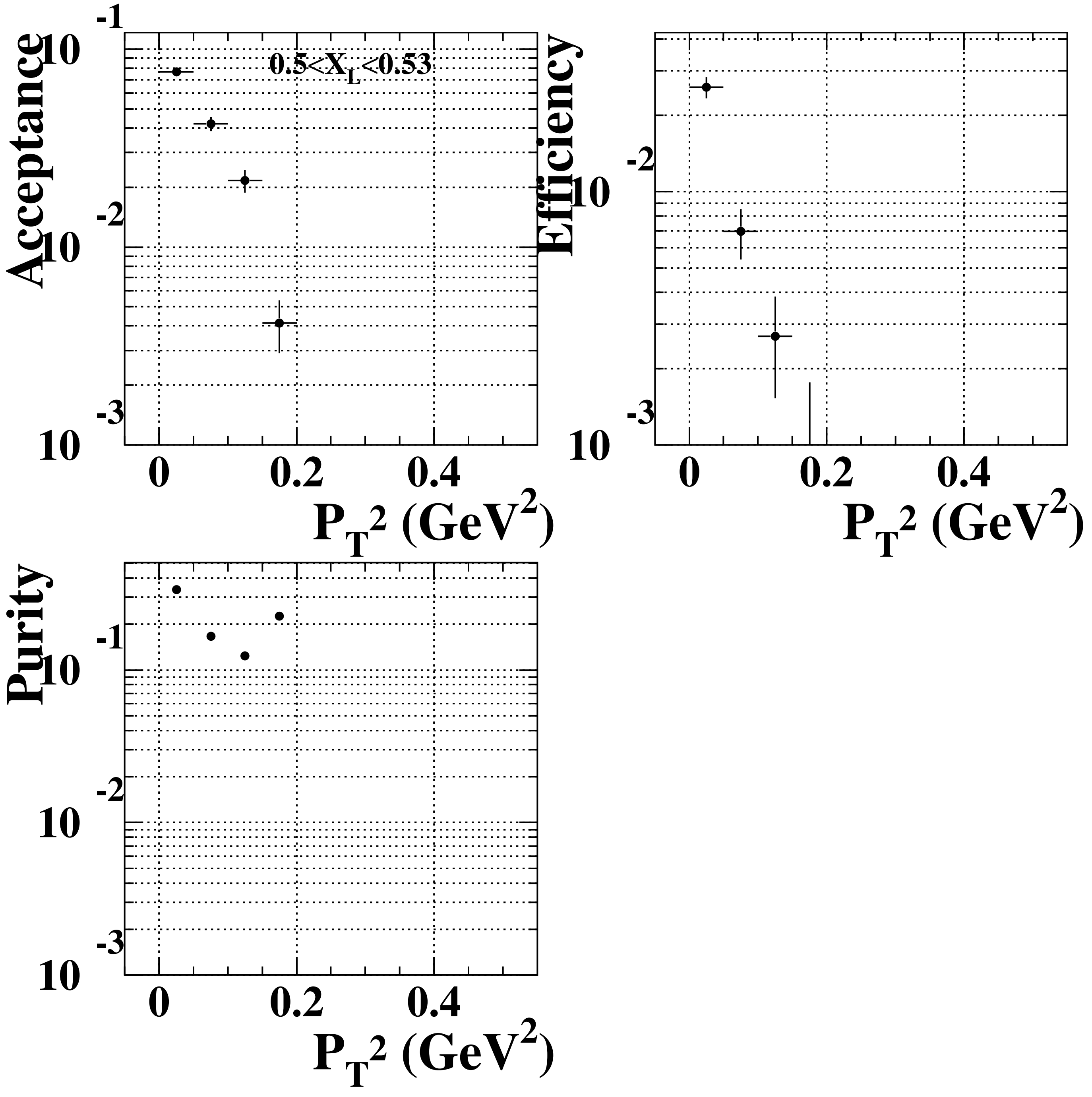



0.44<X_L<0.47
Acceptance
Efficiency
Purity
P_T² (GeV²)
0
0.2
0.4
10^-1
10^-2
10^-3

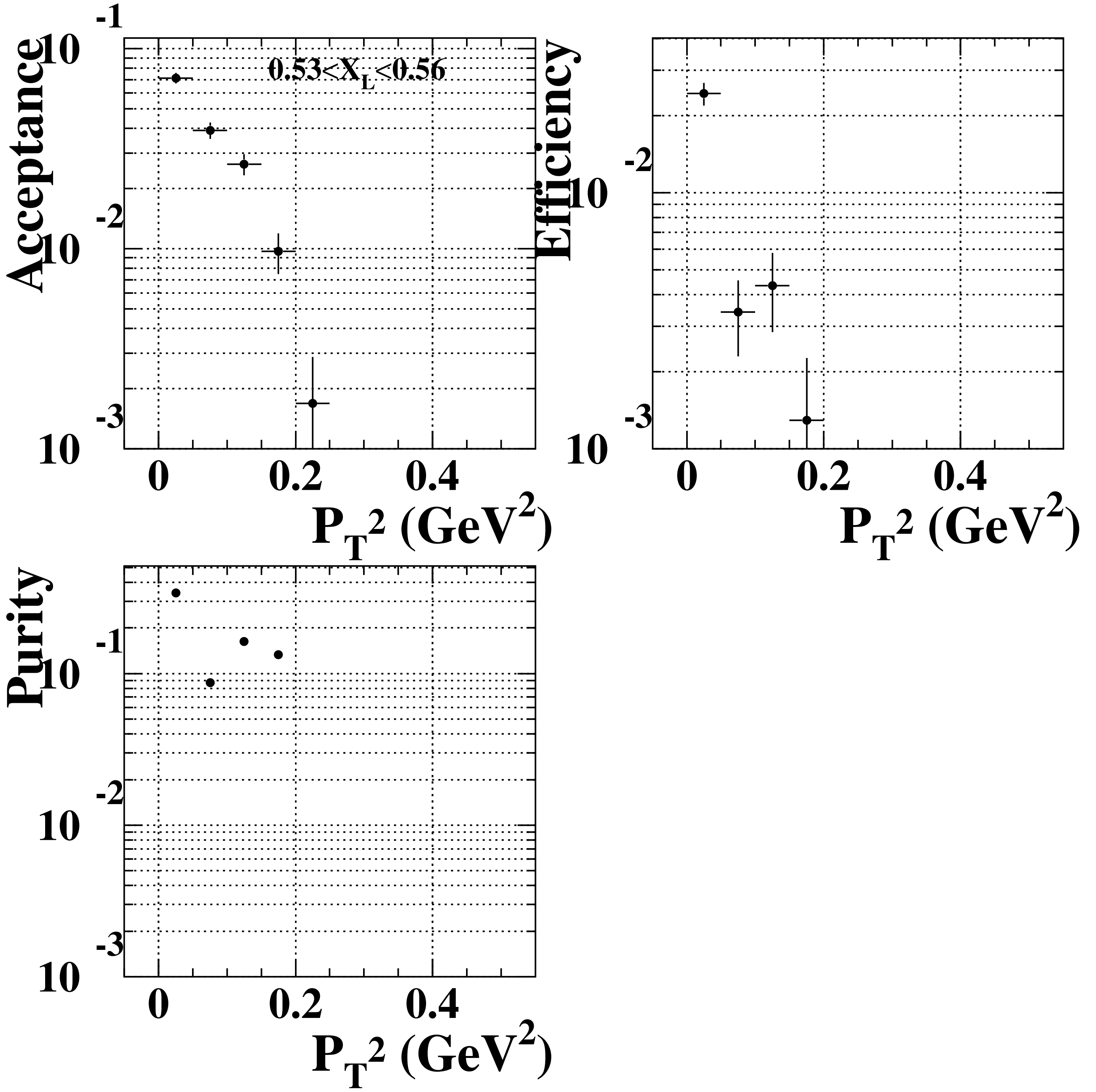
2006/10/30 13.40



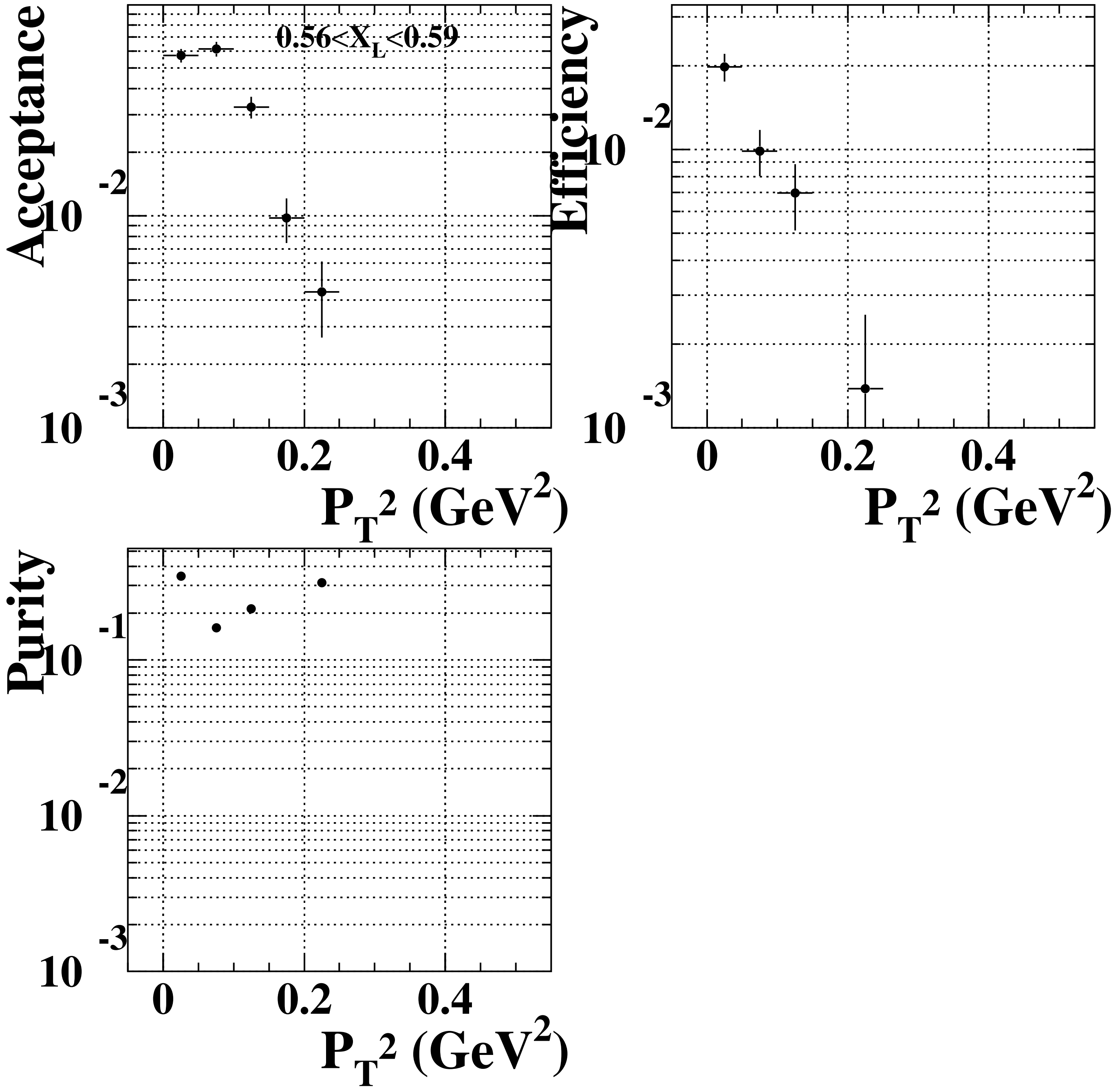
2006/10/30 13.40



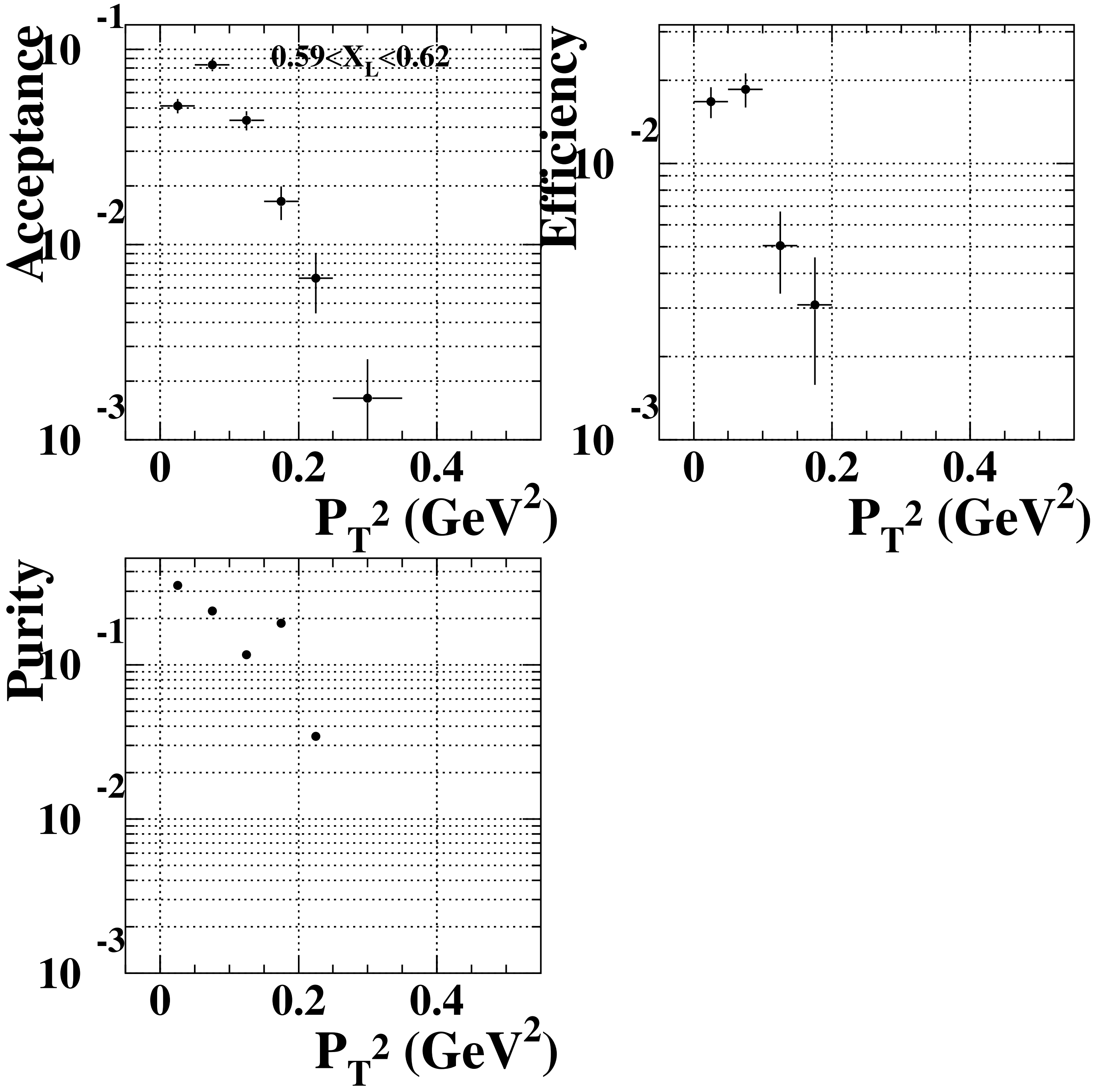
2006/10/30 13.40



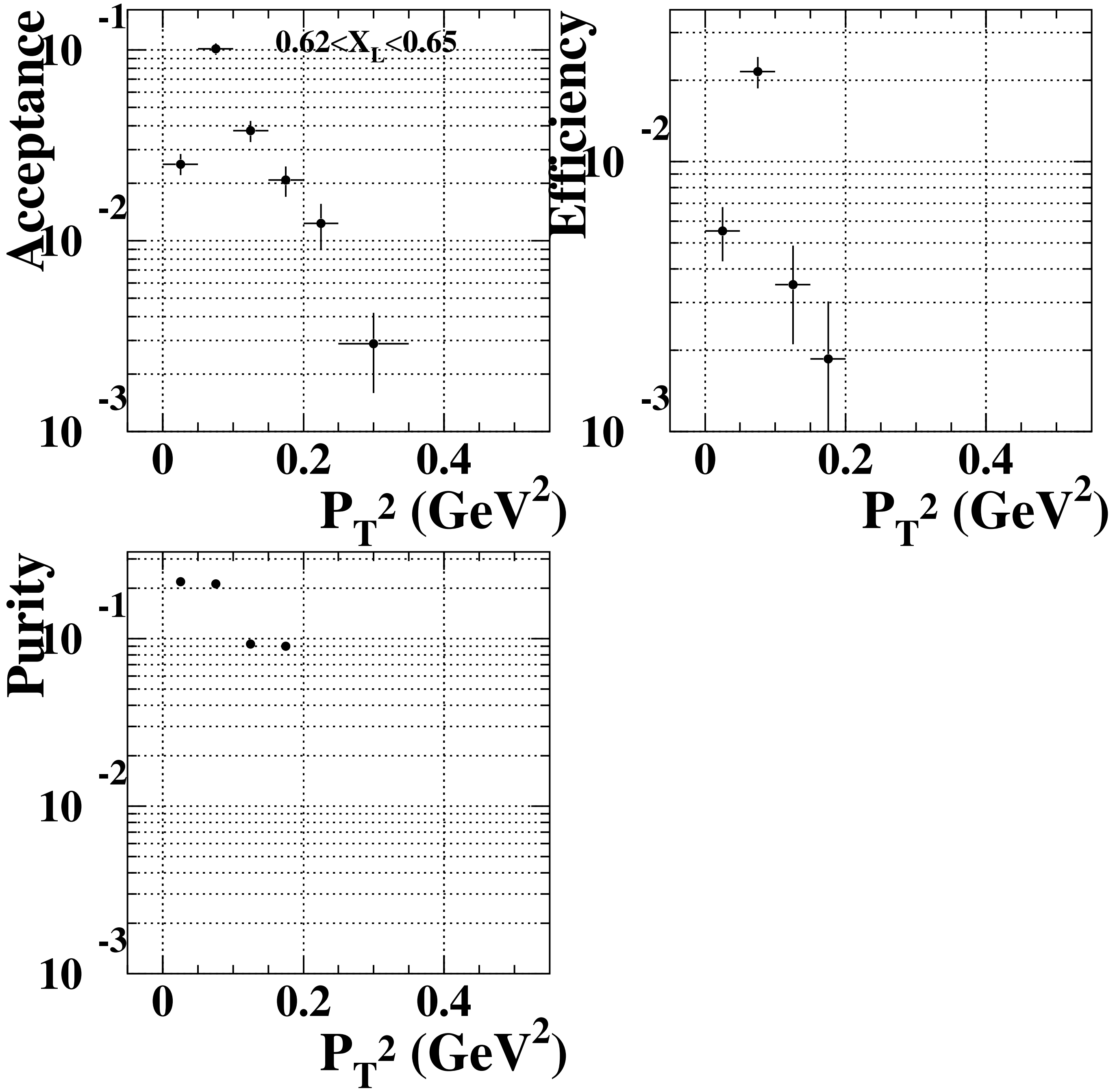
2006/10/30 13.40



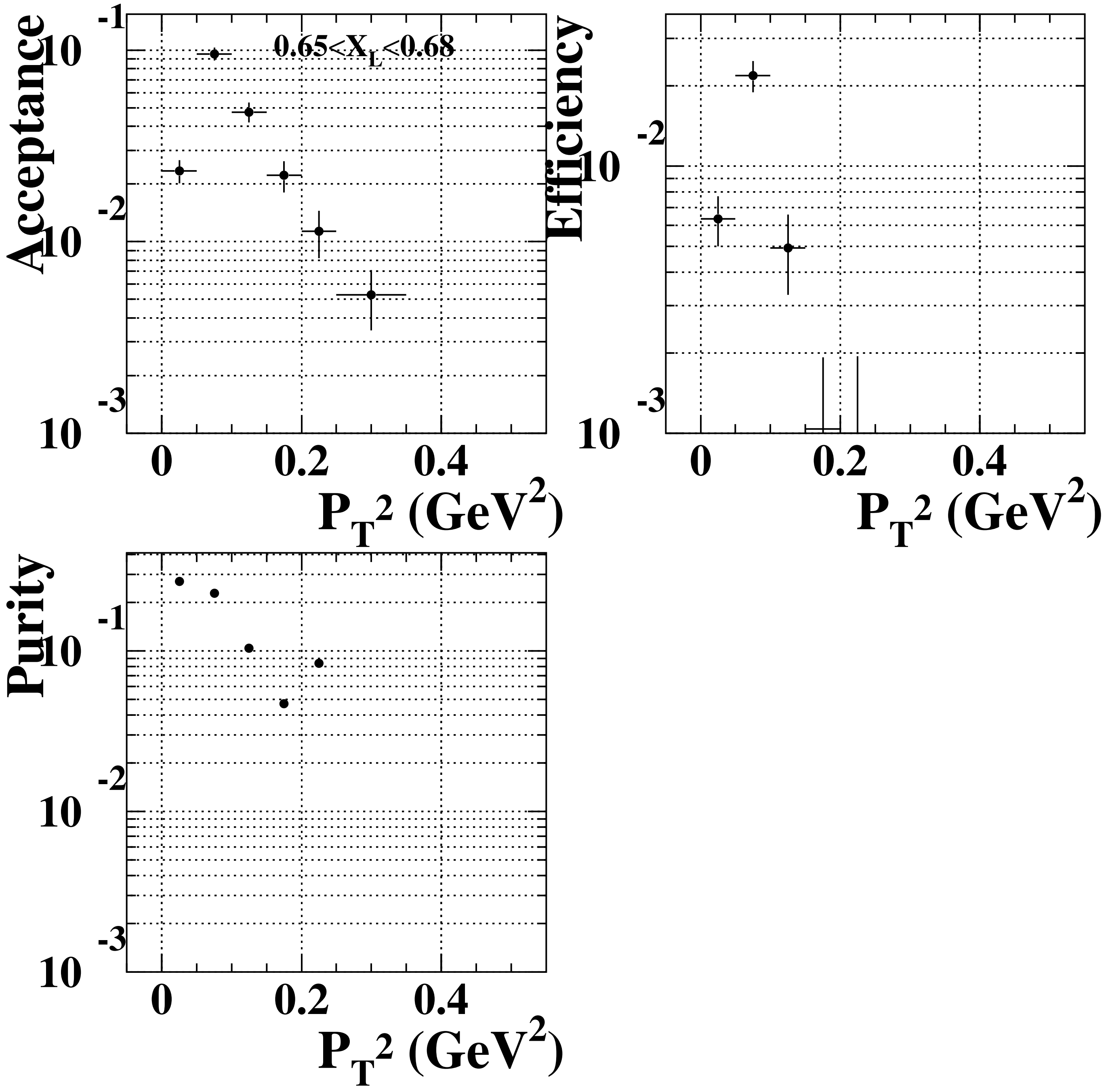
2006/10/30 13.40



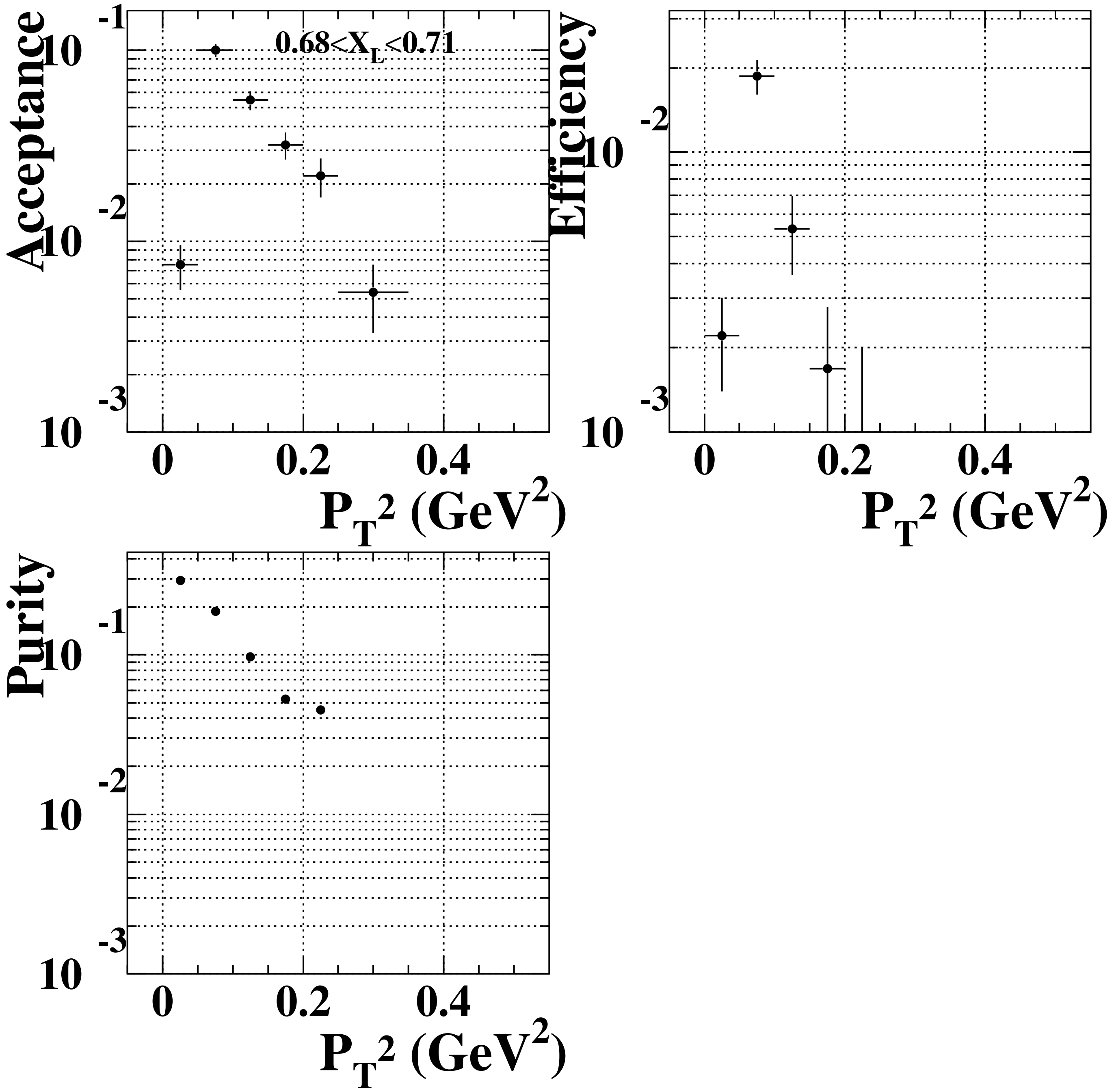
2006/10/30 13.40



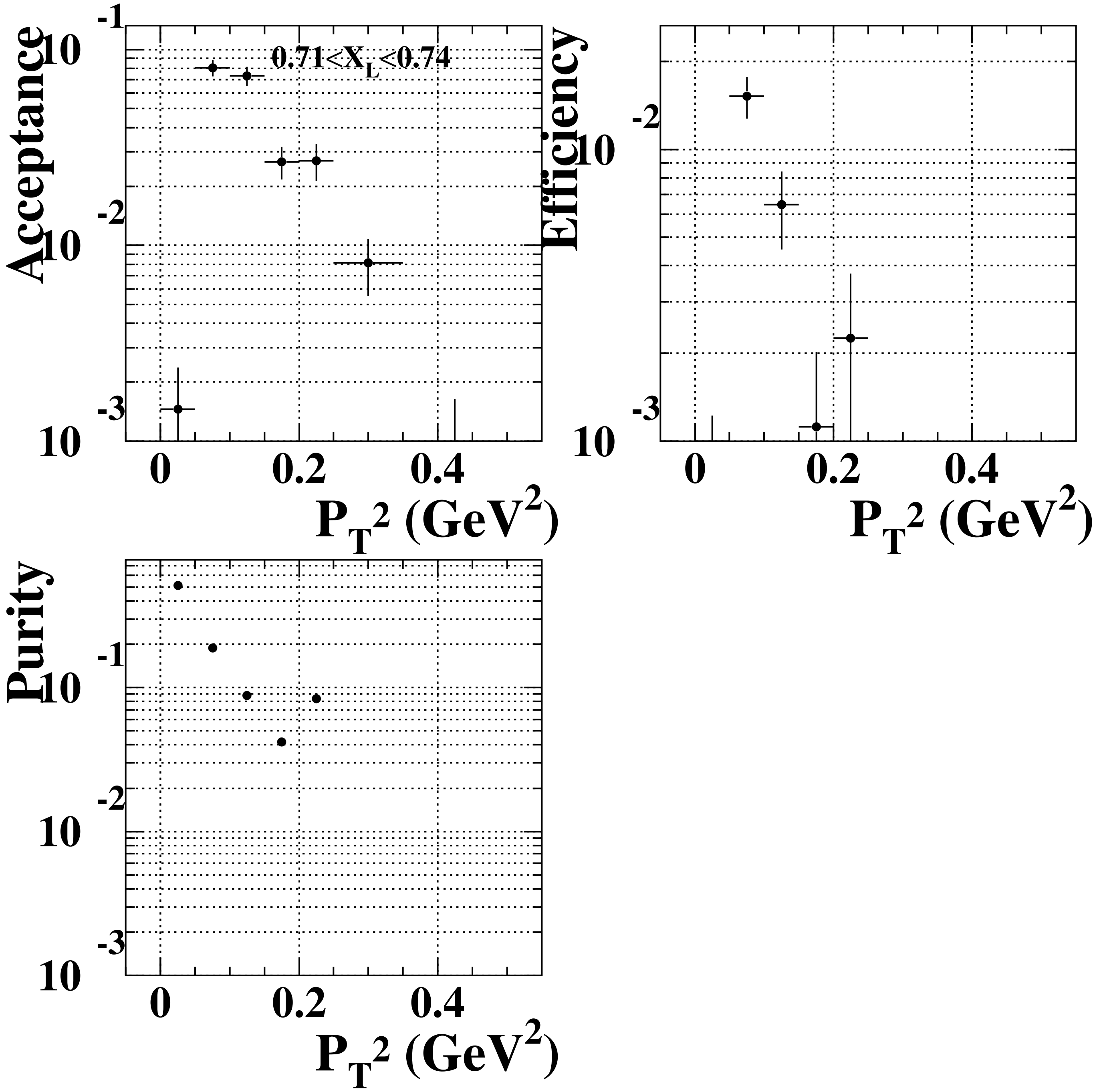
2006/10/30   13.40



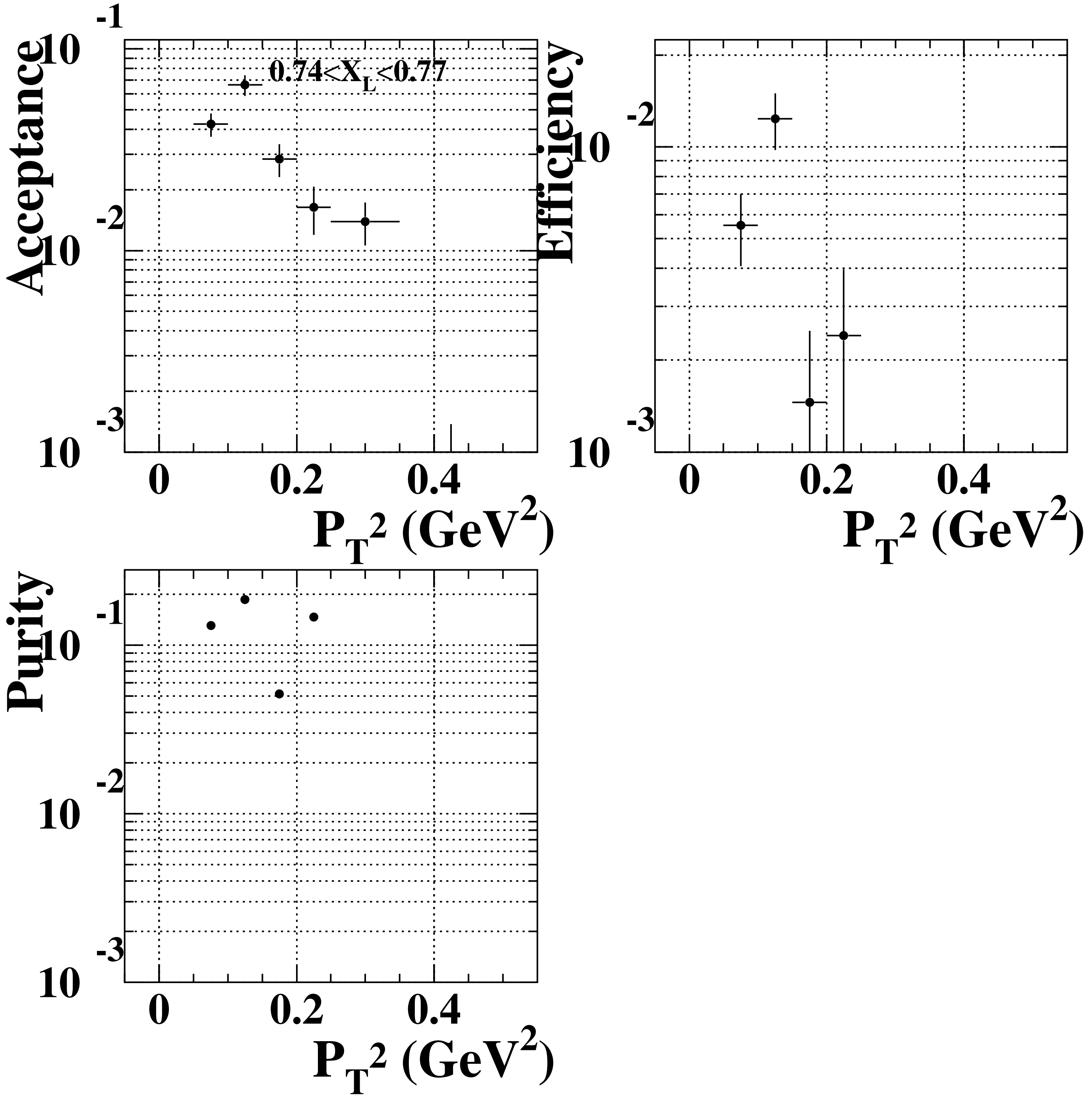
2006/10/30 13.40



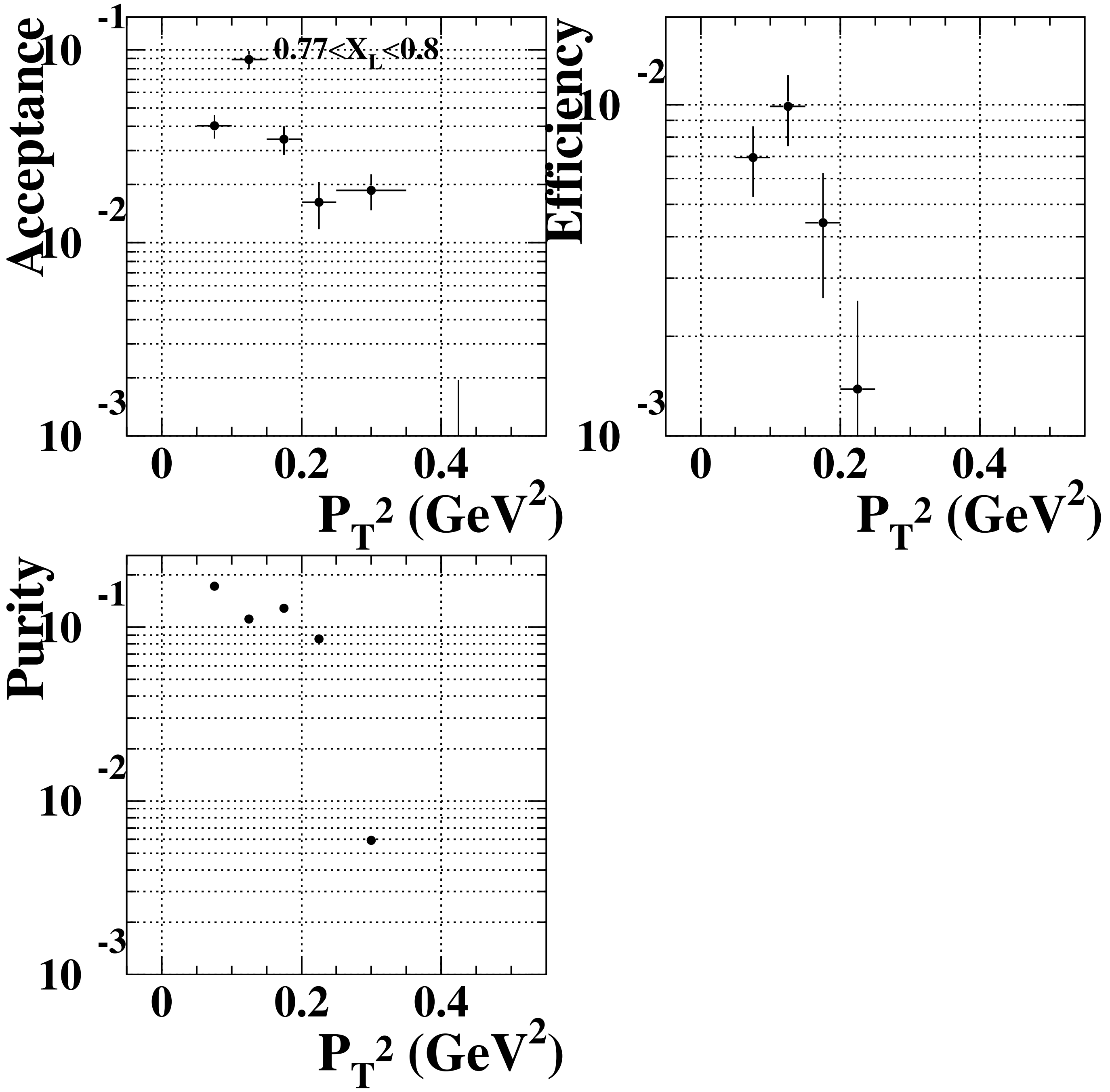
2006/10/30 13.40



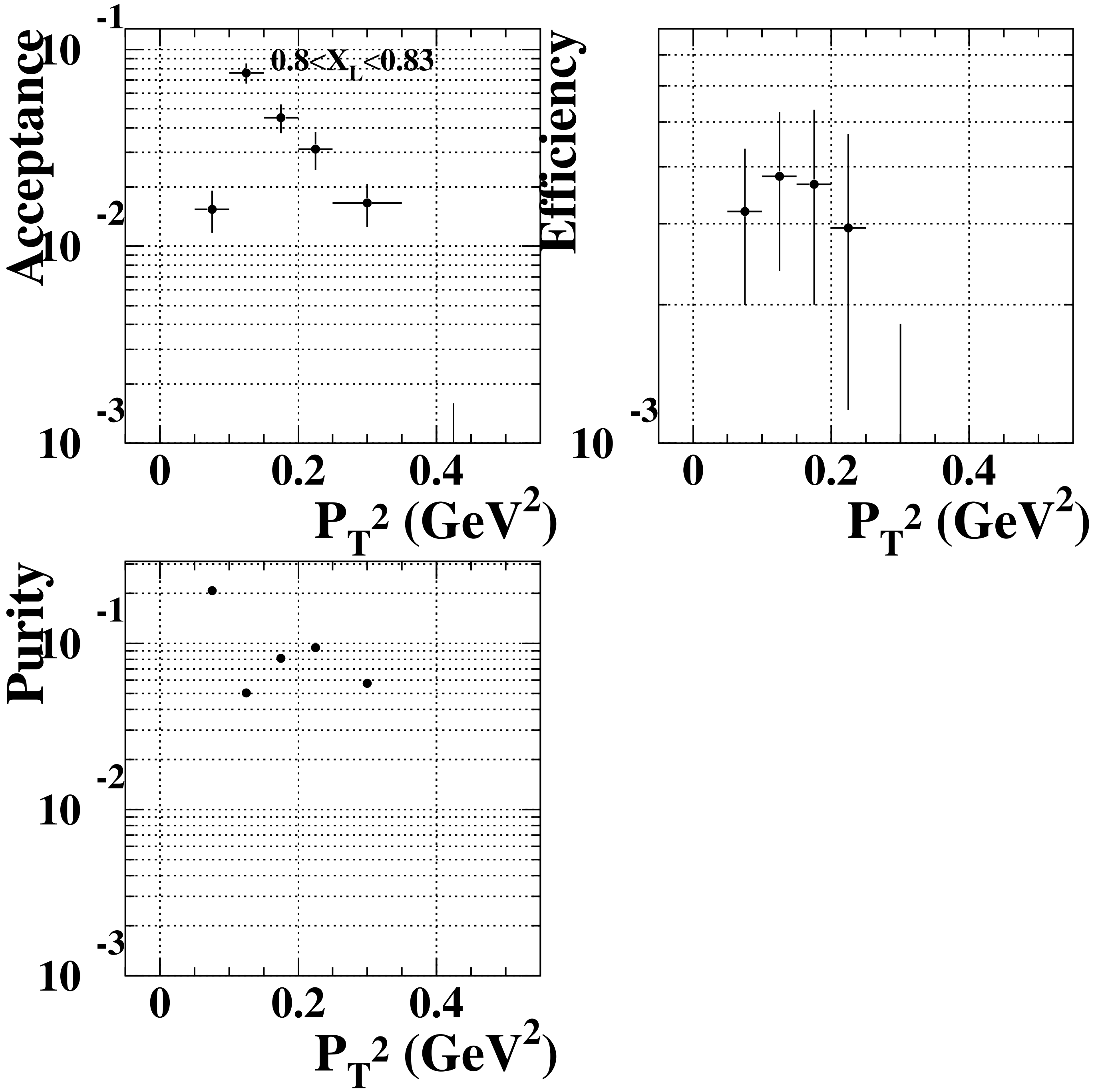
2006/10/30 13.40

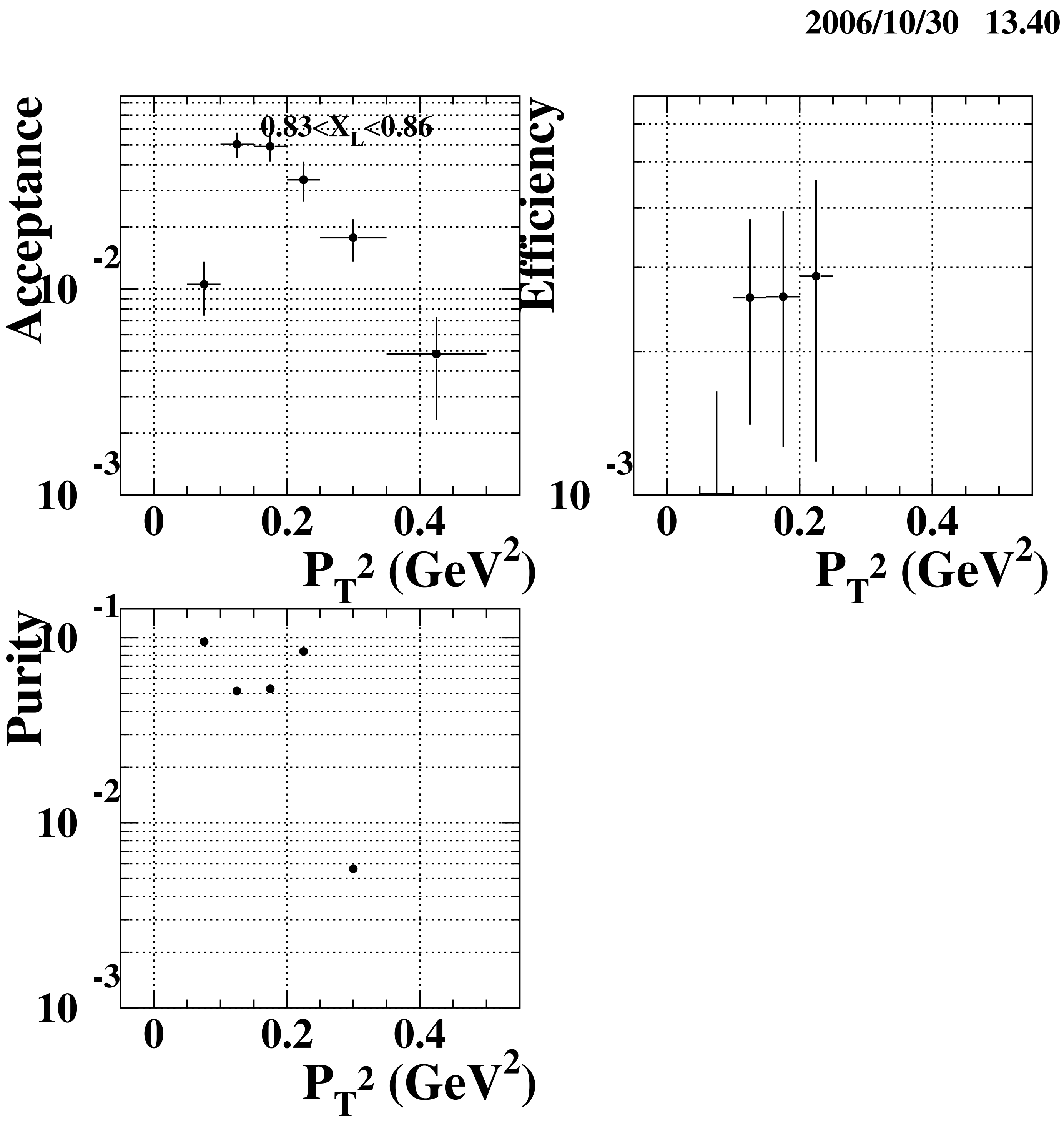


2006/10/30 13.40

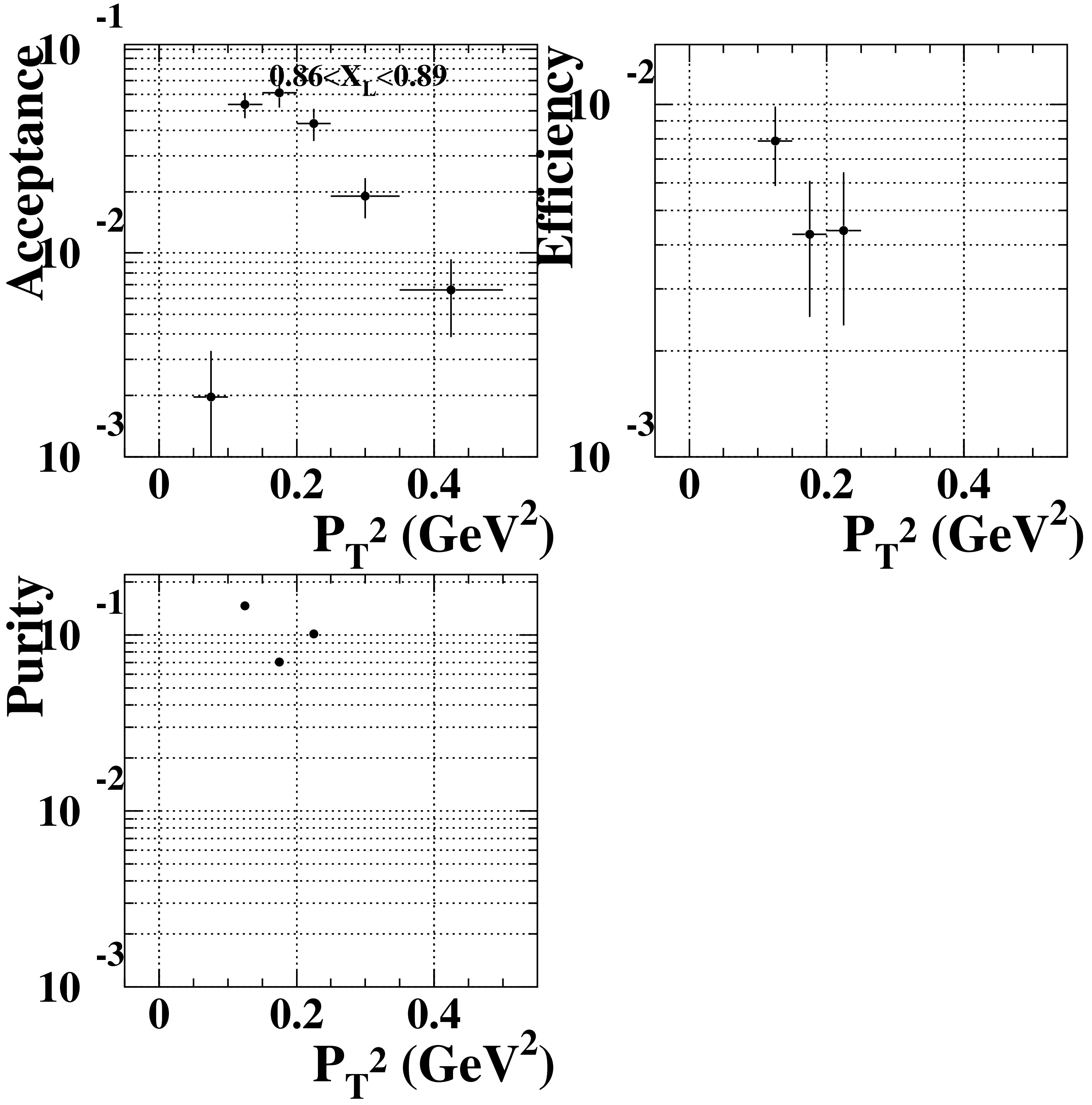


2006/10/30   13.40

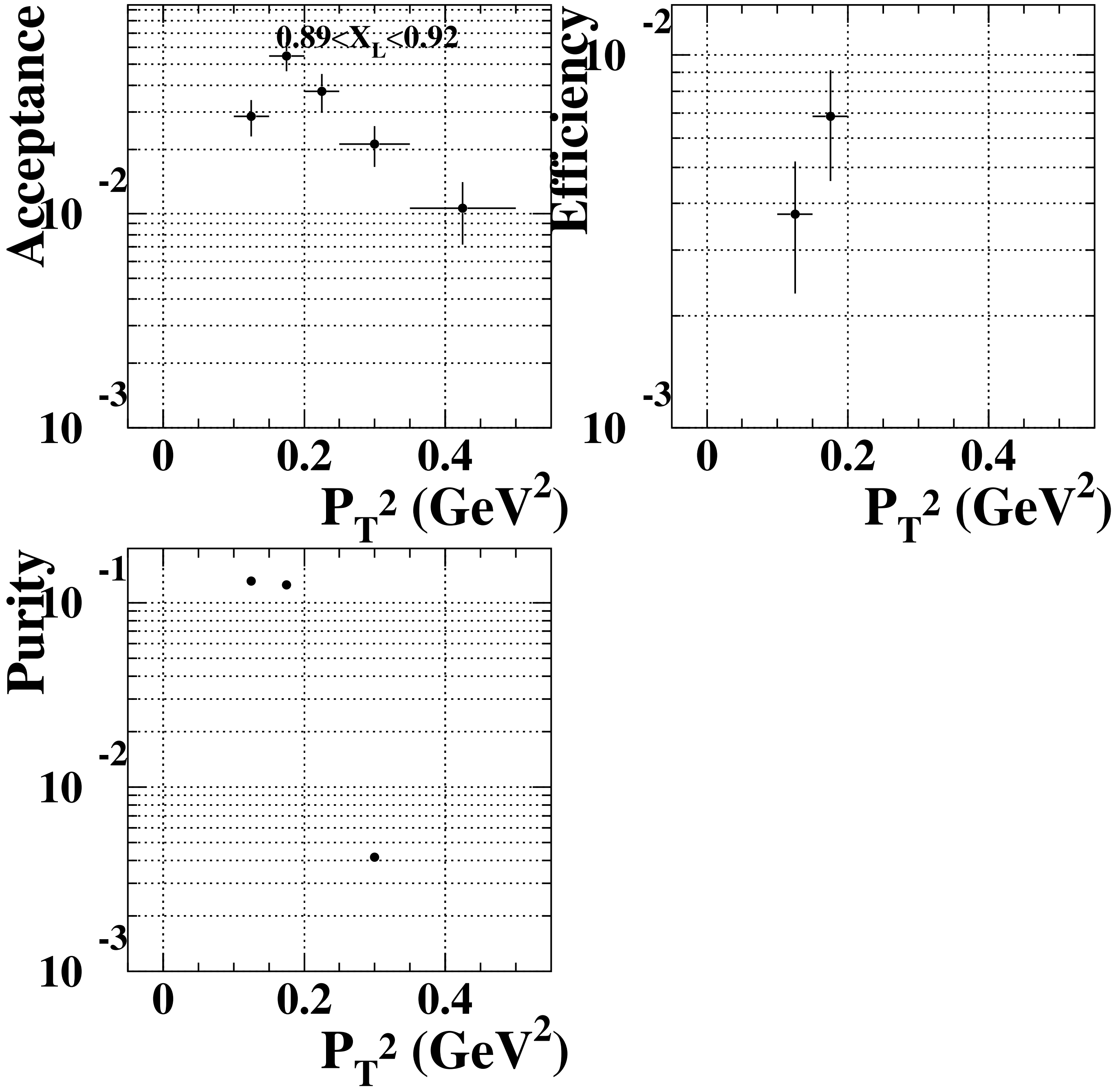



2006/10/30 13.40
Acceptance
$0.83<X_L<0.86$
10^{-2}
10^{-3}
0
0.2
0.4
P_T^2 (GeV^2)
Efficiency
10^{-3}
0
0.2
0.4
P_T^2 (GeV^2)
Purity
10^{-1}
10^{-2}
10^{-3}
0
0.2
0.4
P_T^2 (GeV^2)

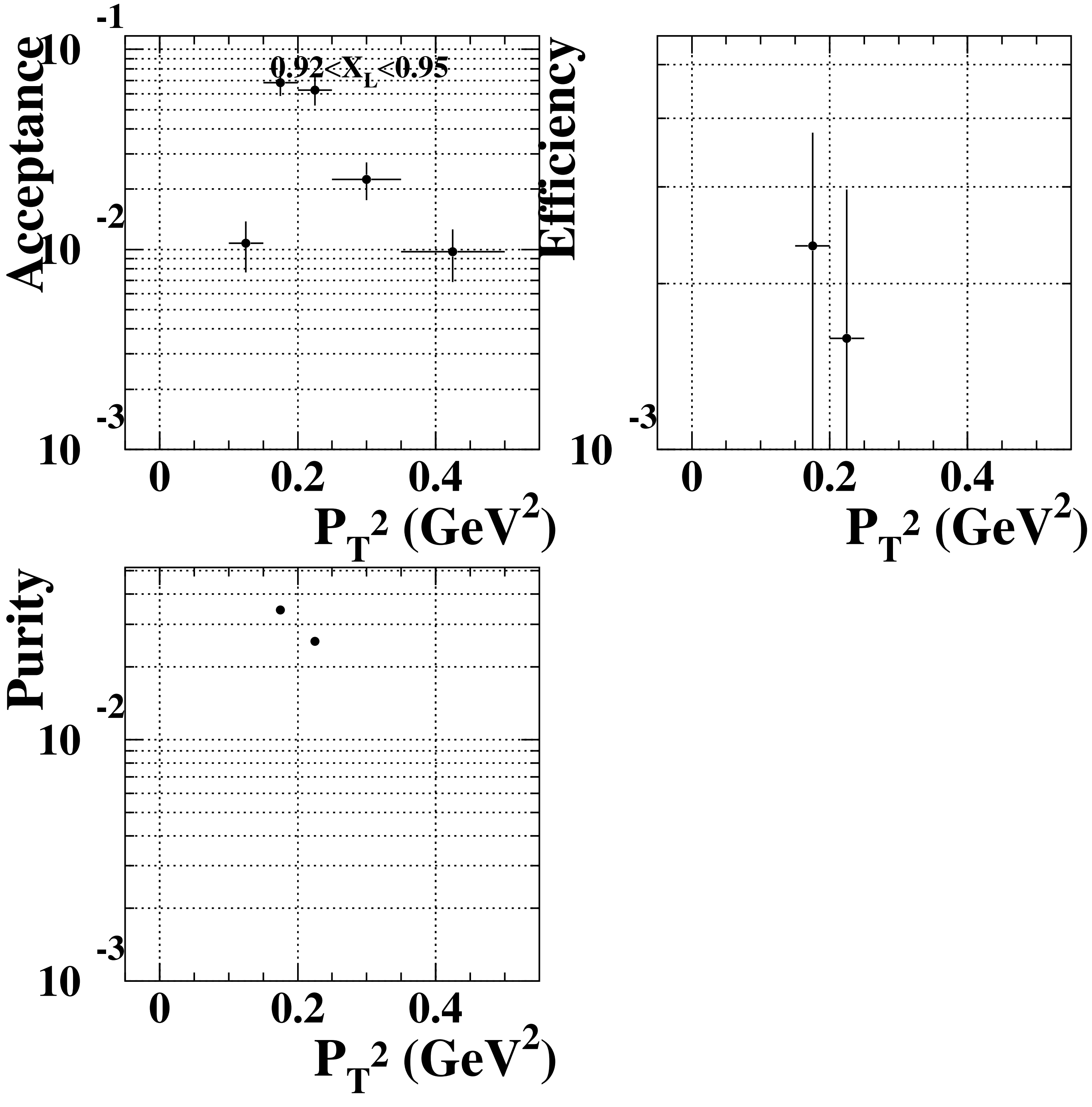
2006/10/30 13.40



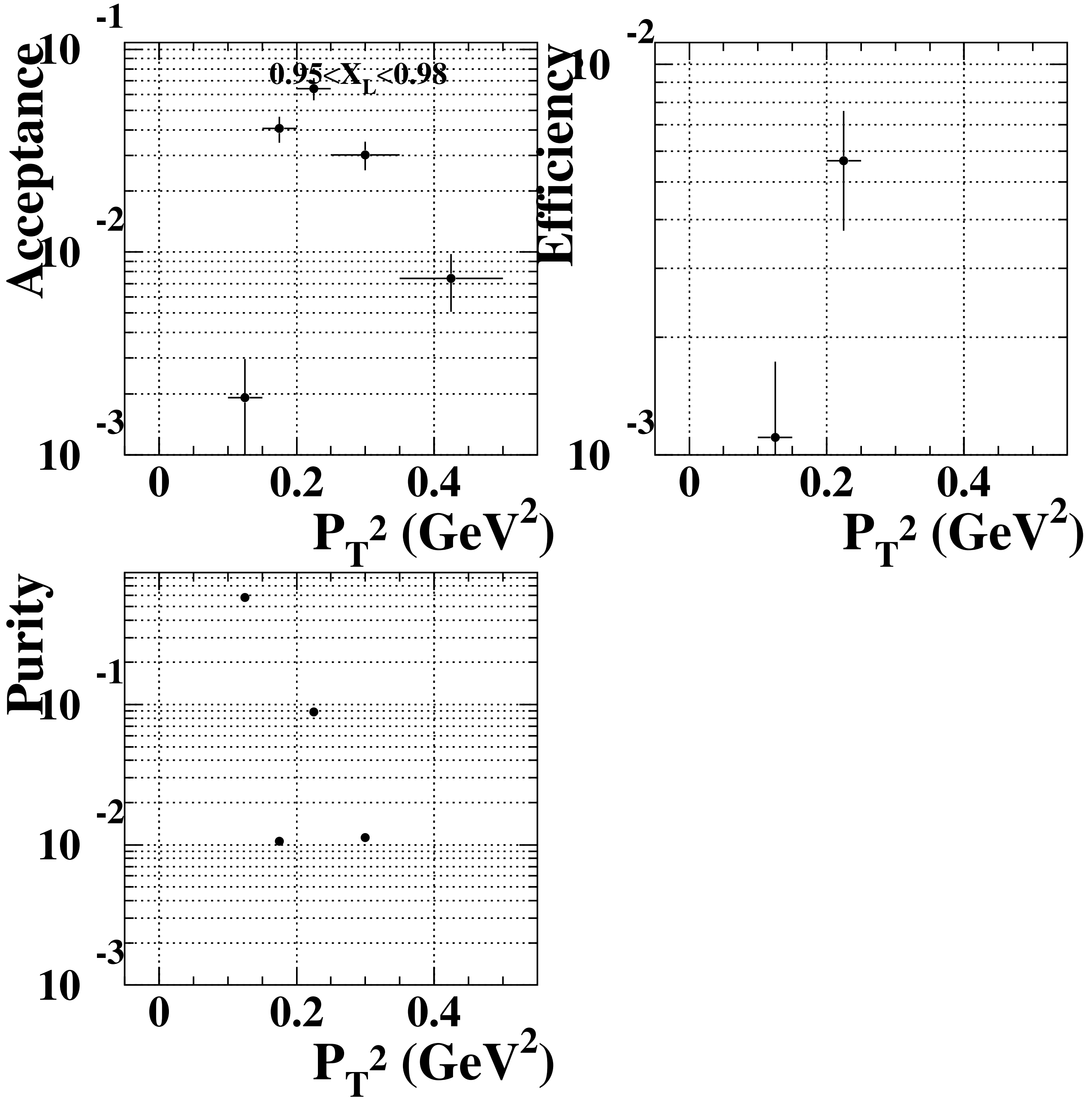
2006/10/30 13.40



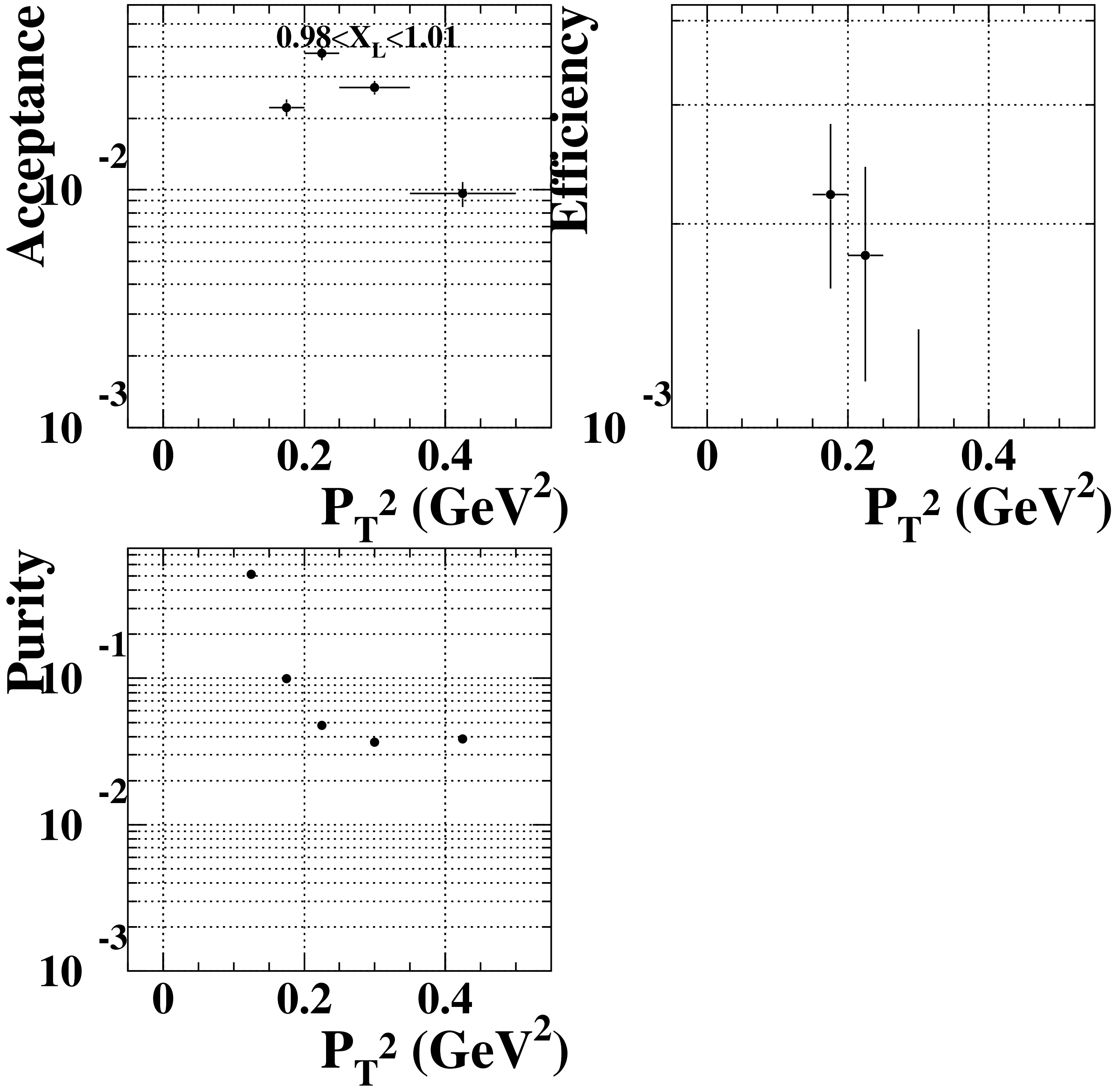
2006/10/30 13.40



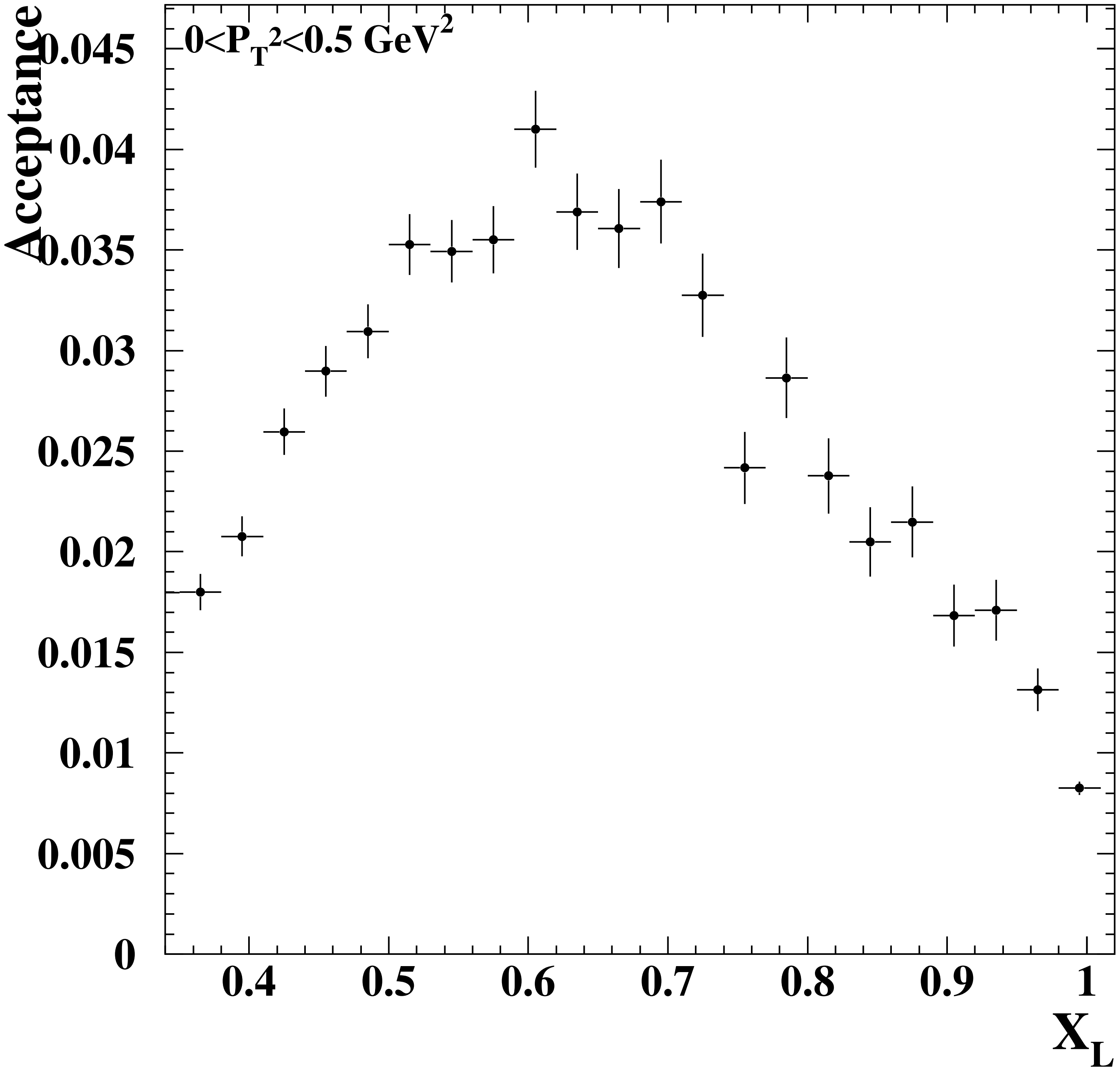
2006/10/30 13.40

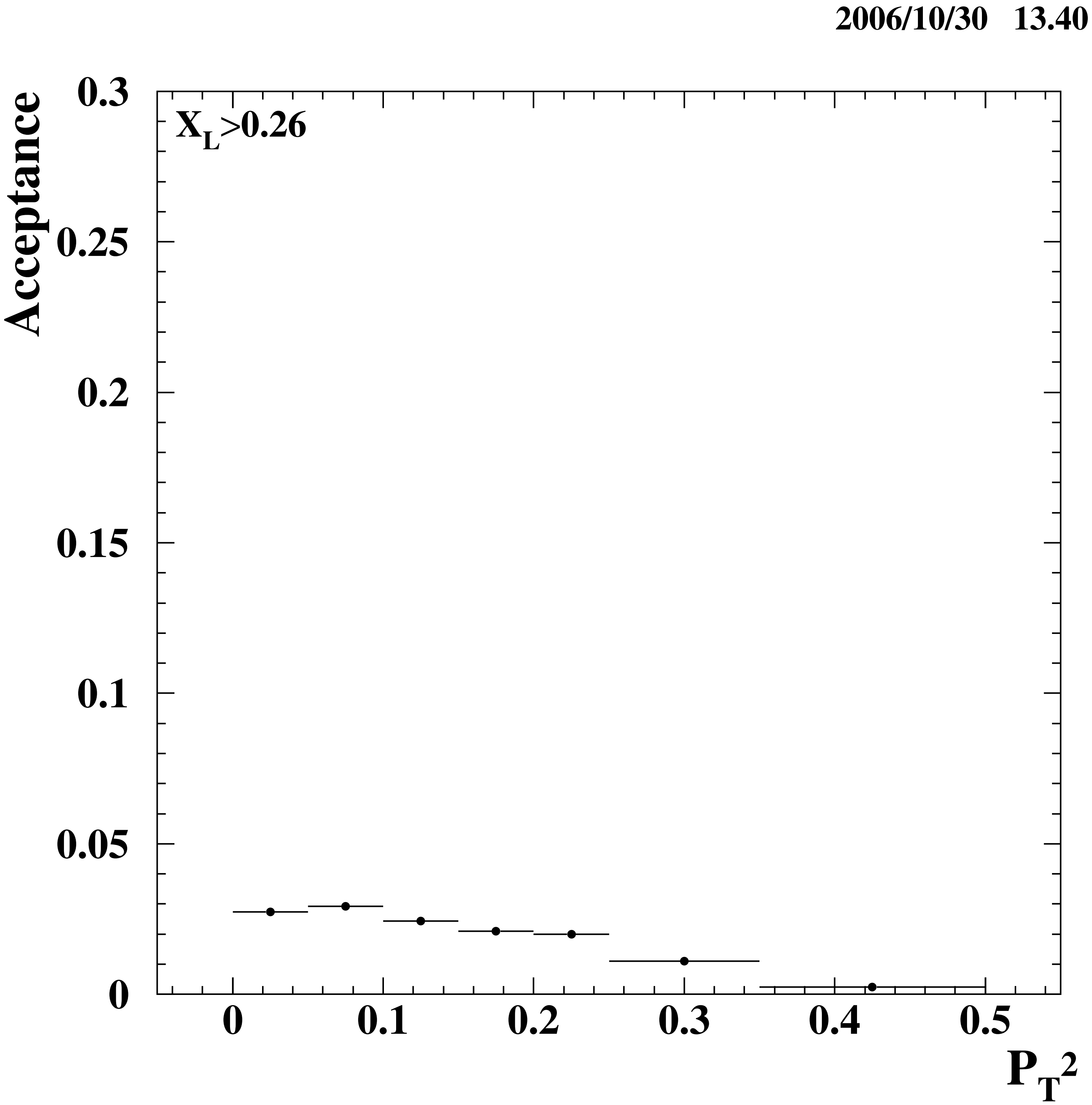


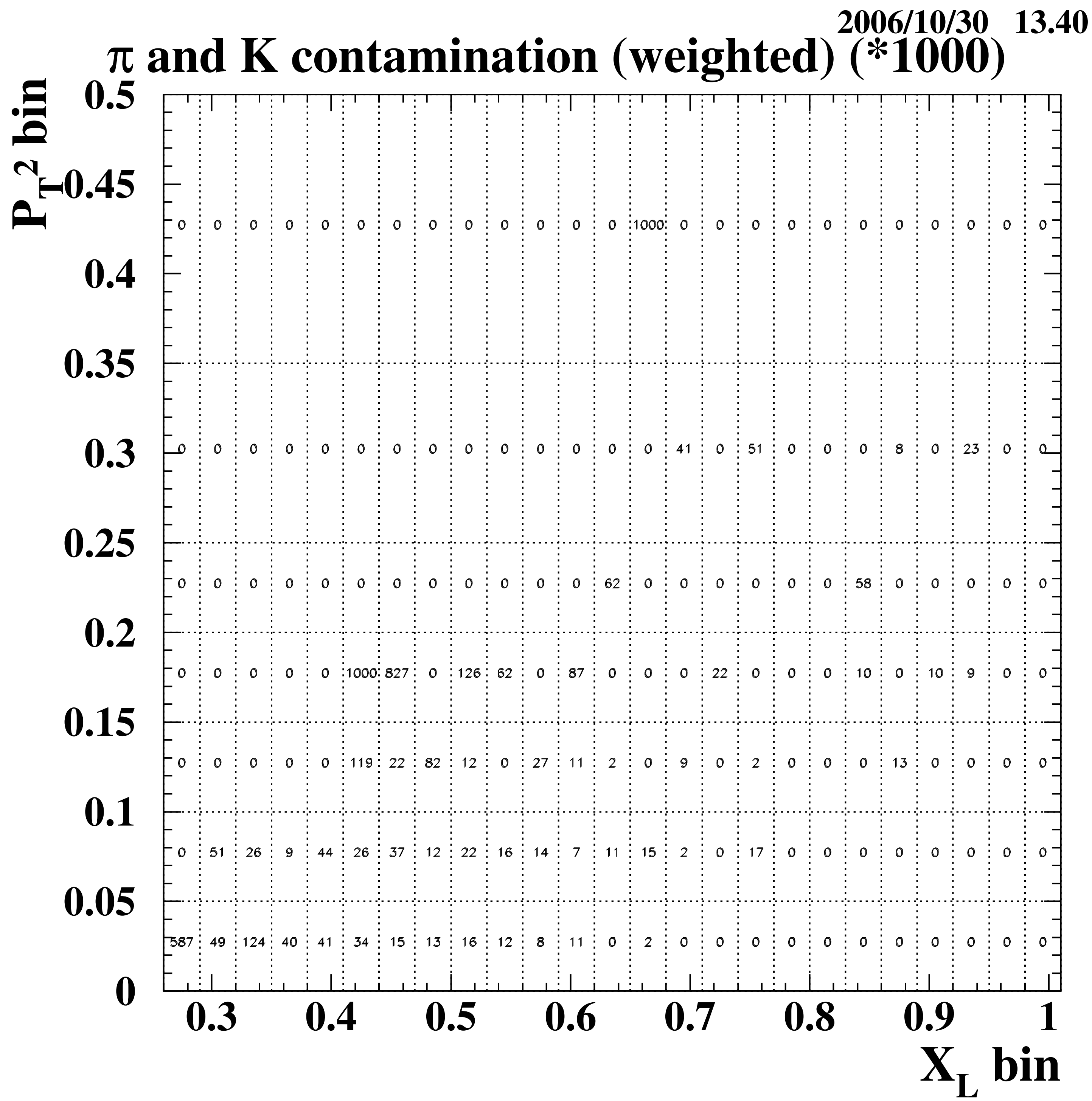
2006/10/30 13.40

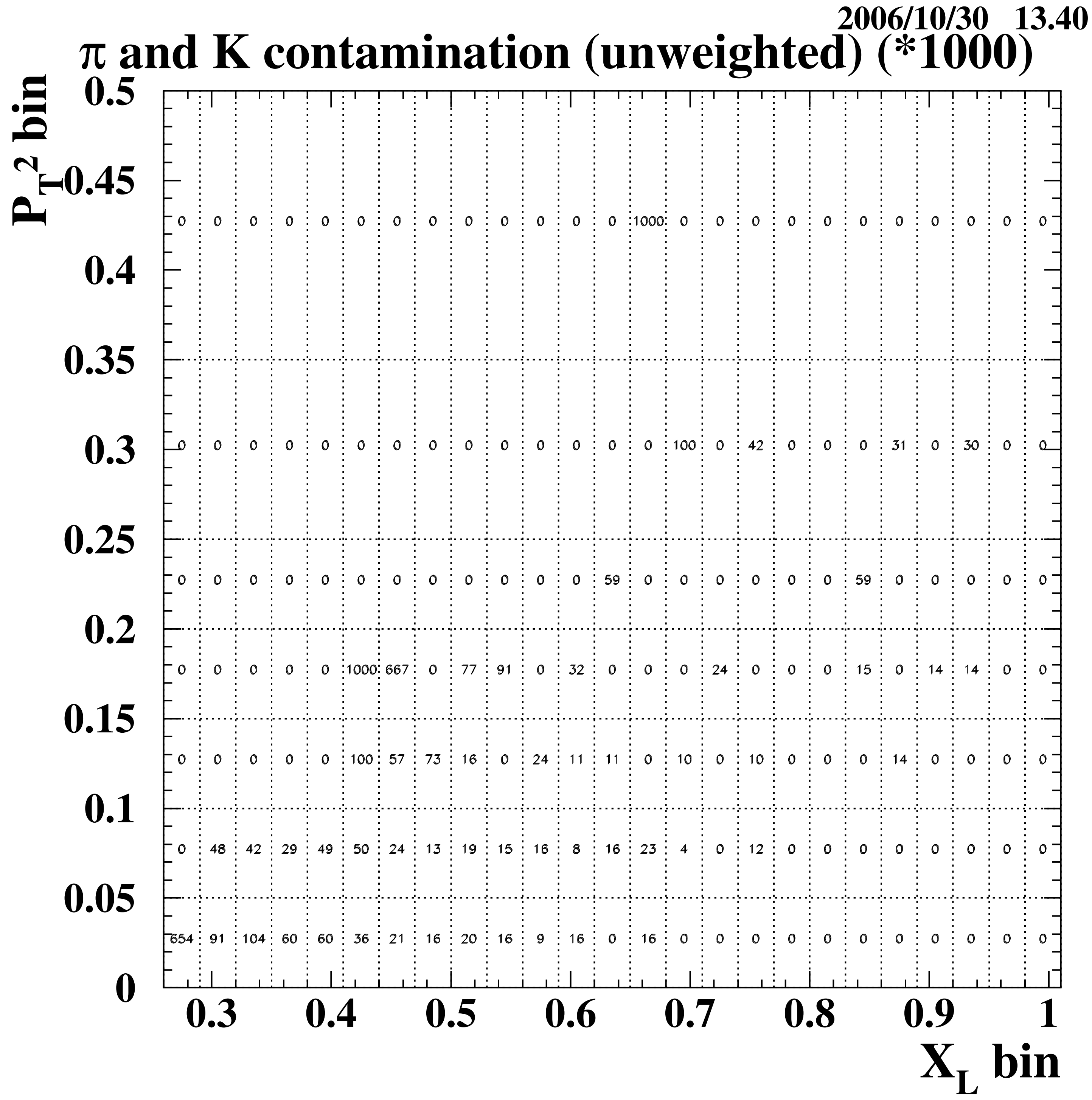


2006/10/30 13.40

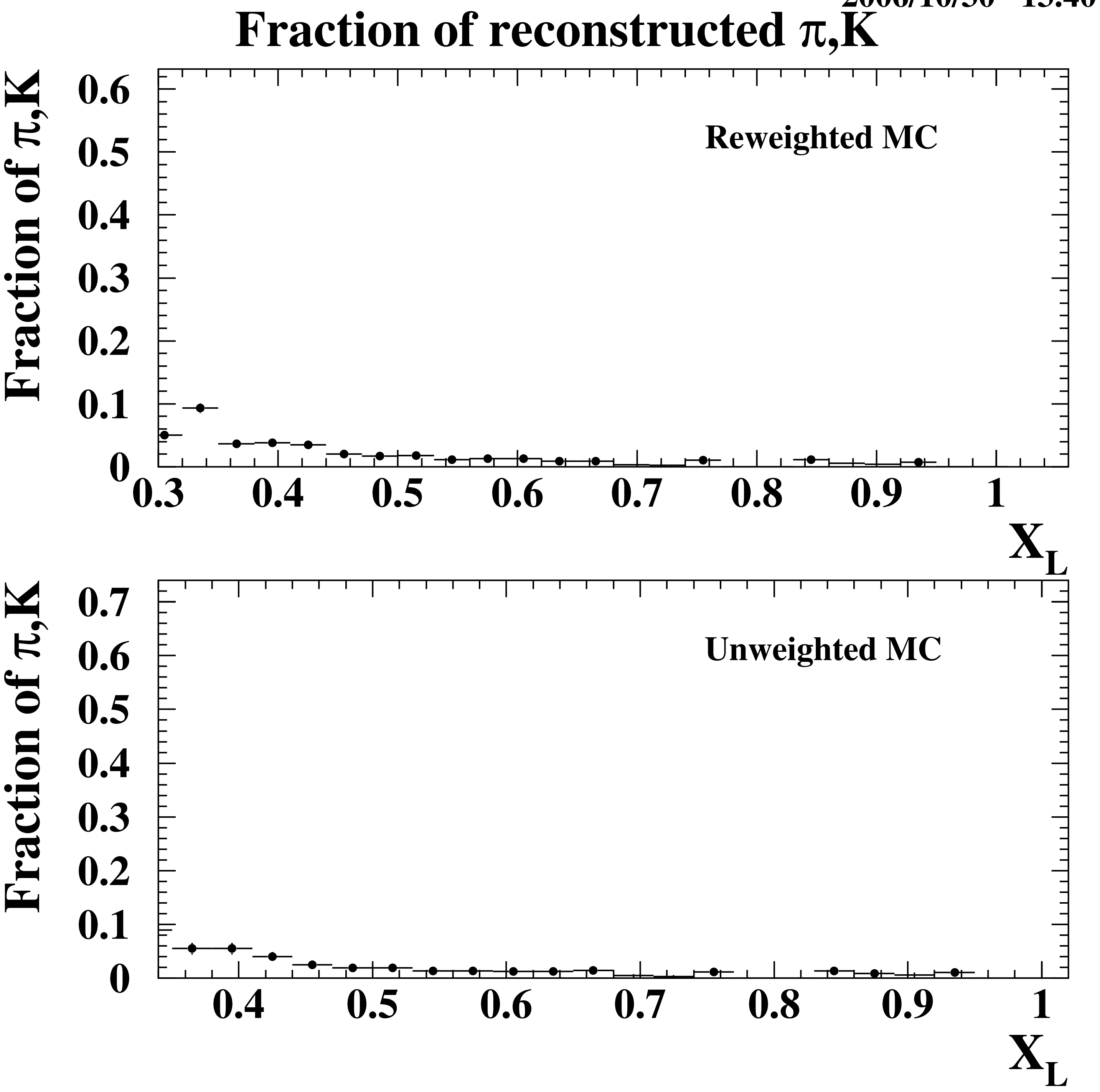


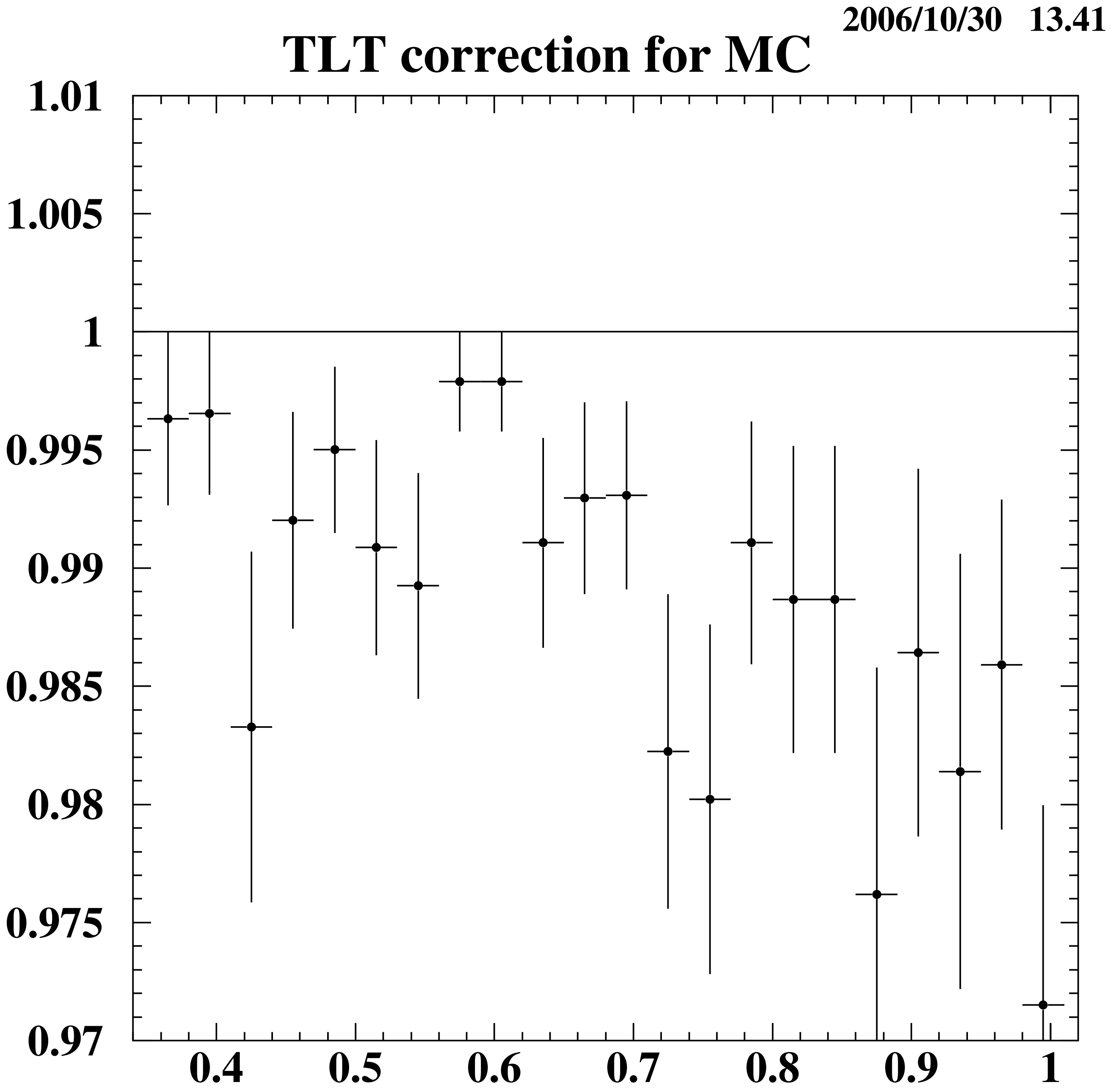

2006/10/30 13.40
Acceptance
X_L>0.26
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.1
0.2
0.3
0.4
0.5
P_T^2

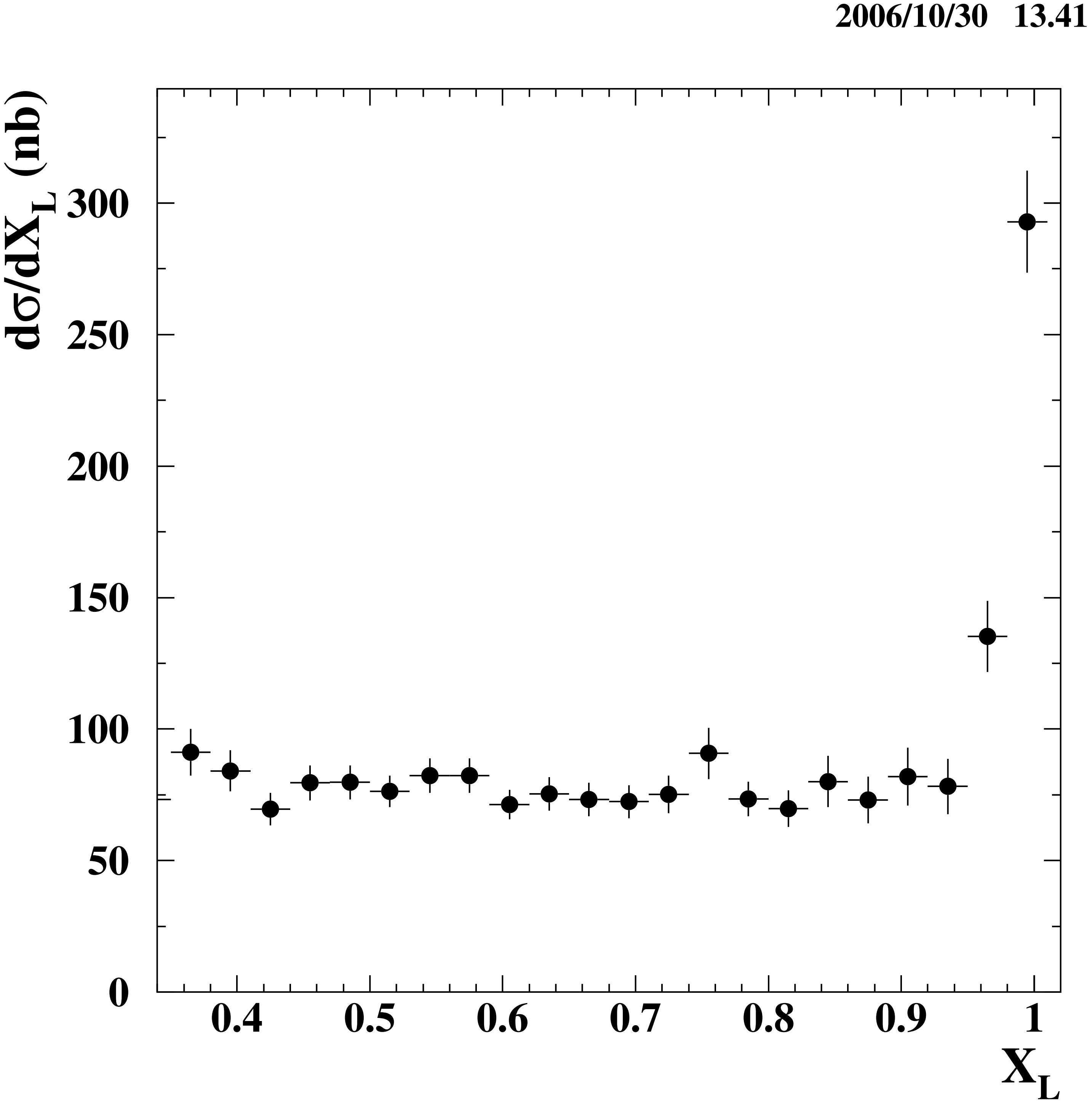

2006/10/30 13.40
π and K contamination (weighted) (*1000)
P_T^2 bin
X_L bin
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0 0 0 0 0 0 0 0 0 0 0 0 0 1000 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 41 0 51 0 0 0 8 0 23 0 0
0 0 0 0 0 0 0 0 0 0 0 0 62 0 0 0 0 0 0 58 0 0 0 0 0
0 0 0 0 0 1000 827 0 126 62 0 87 0 0 0 22 0 0 0 10 0 10 9 0 0
0 0 0 0 0 119 22 82 12 0 27 11 2 0 9 0 2 0 0 0 13 0 0 0 0
0 51 26 9 44 26 37 12 22 16 14 7 11 15 2 0 17 0 0 0 0 0 0 0 0
587 49 124 40 41 34 15 13 16 12 8 11 0 2 0 0 0 0 0 0 0 0 0 0 0

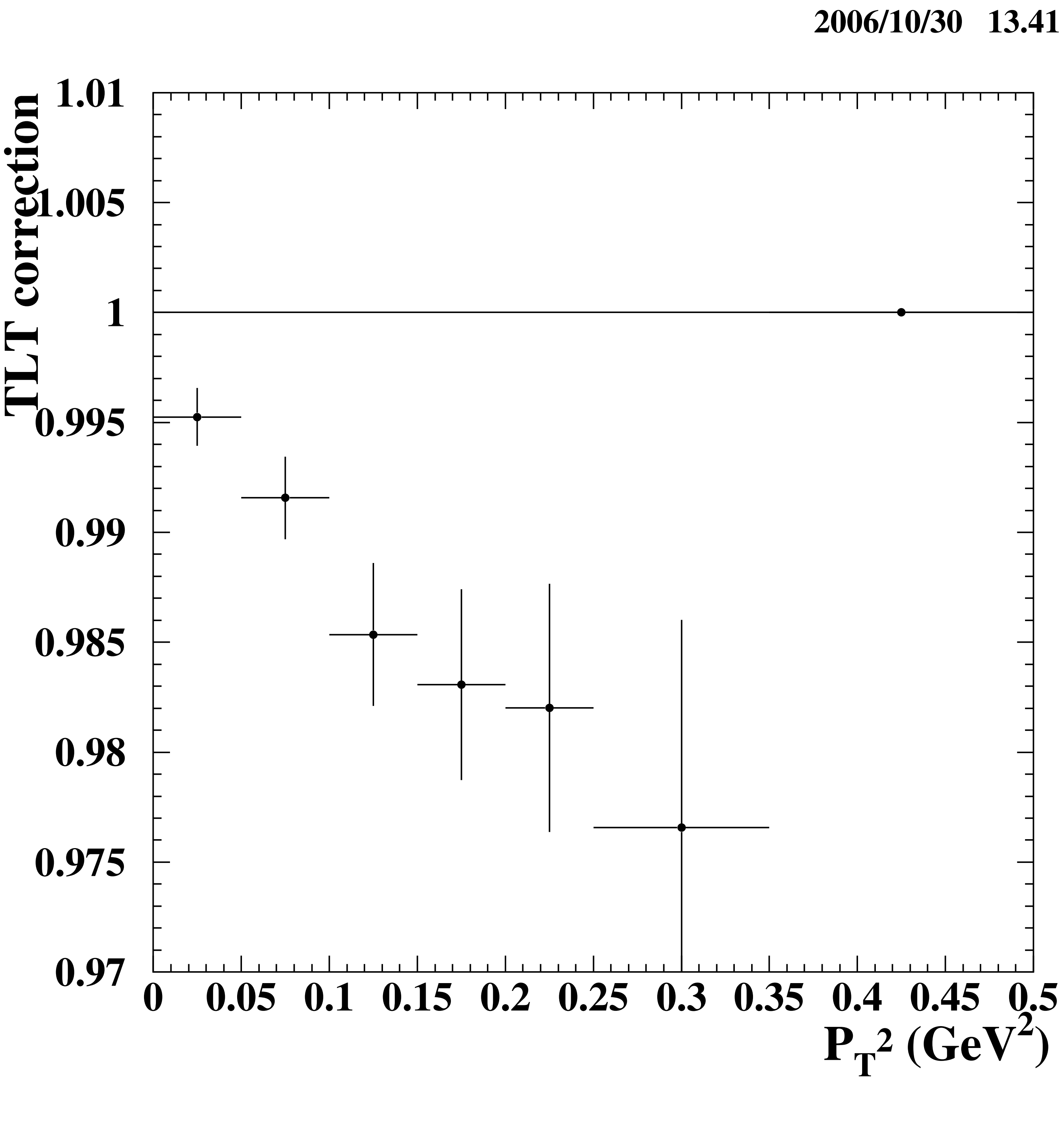

2006/10/30 13.40
π and K contamination (unweighted) (*1000)
P_T^2 bin
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0 0 0 0 0 0 0 0 0 0 0 0 0 1000 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 42 0 0 0 31 0 30 0 0
0 0 0 0 0 0 0 0 0 0 0 0 59 0 0 0 0 0 0 59 0 0 0 0 0
0 0 0 0 0 1000 667 0 77 91 0 32 0 0 0 24 0 0 0 15 0 14 14 0 0
0 0 0 0 0 100 57 73 16 0 24 11 11 0 10 0 10 0 0 0 14 0 0 0 0
0 48 42 29 49 50 24 13 19 15 16 8 16 23 4 0 12 0 0 0 0 0 0 0 0
654 91 104 60 60 36 21 16 20 16 9 16 0 16 0 0 0 0 0 0 0 0 0 0 0
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
X_L bin

2006/10/30 13.40

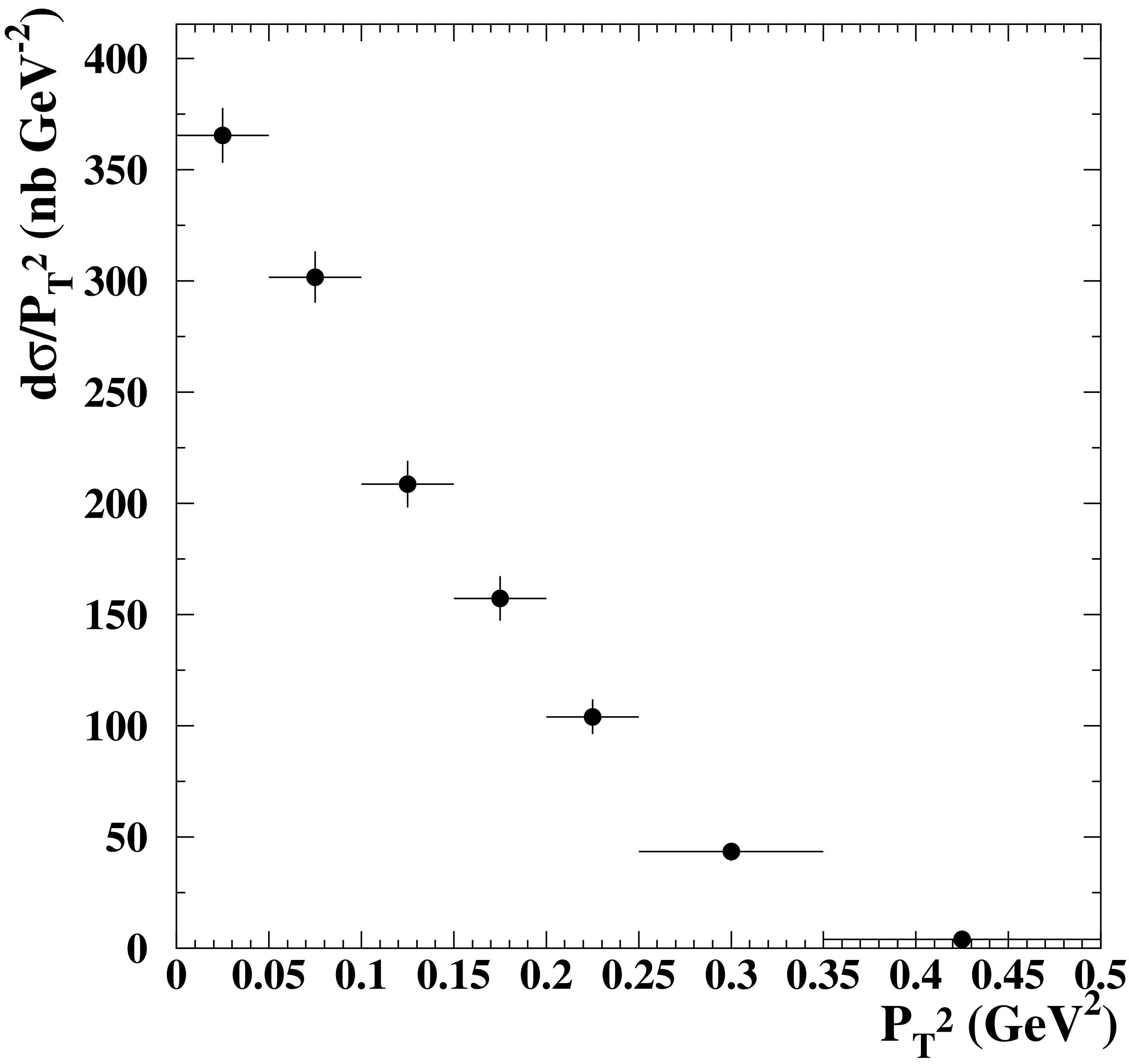



2006/10/30 13.41
TLT correction for MC
1.01
1.005
1
0.995
0.99
0.985
0.98
0.975
0.97
0.4
0.5
0.6
0.7
0.8
0.9
1

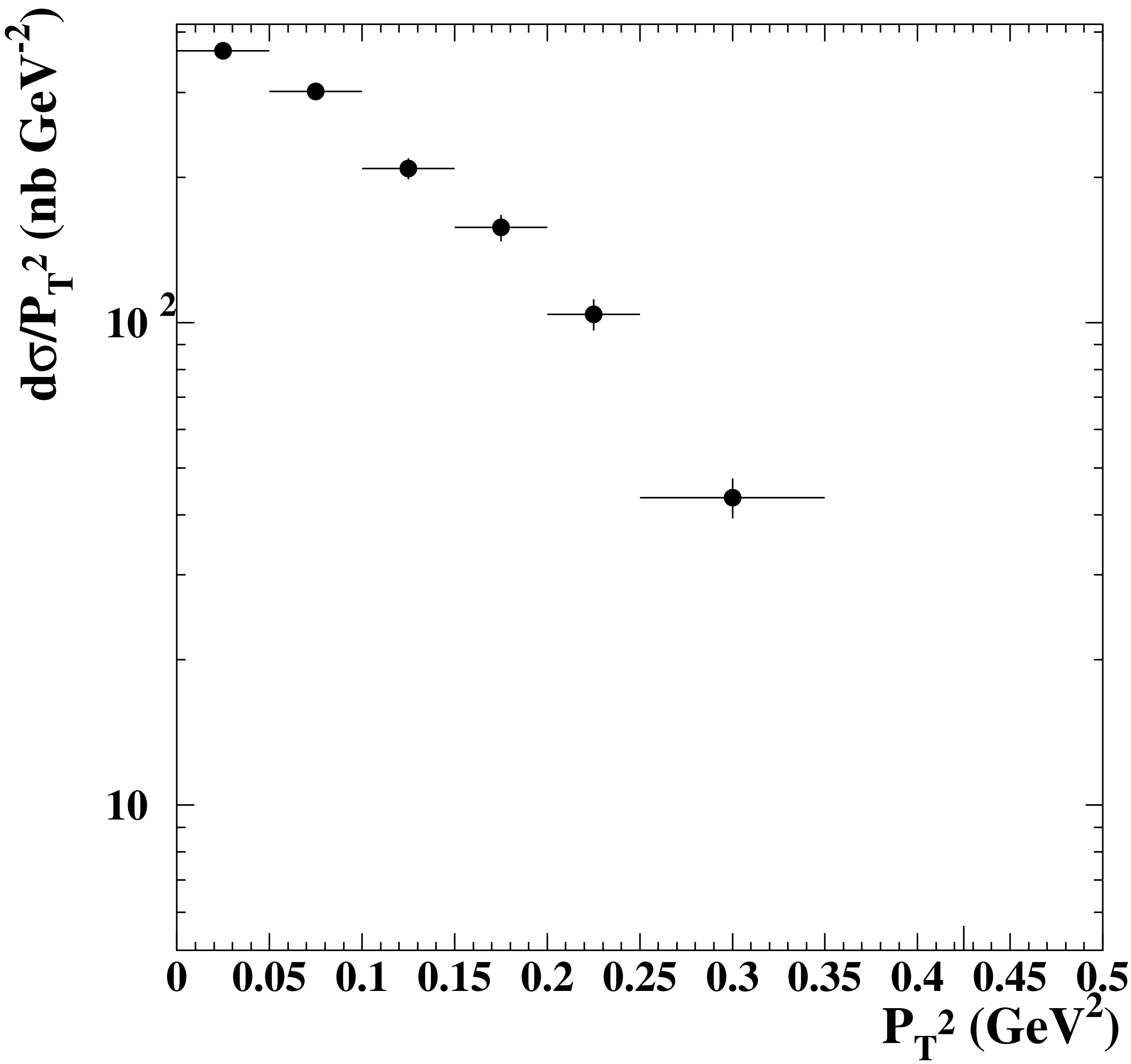

2006/10/30 13.41
dσ/dX_L (nb)
300
250
200
150
100
50
0
0.4
0.5
0.6
0.7
0.8
0.9
1
X_L

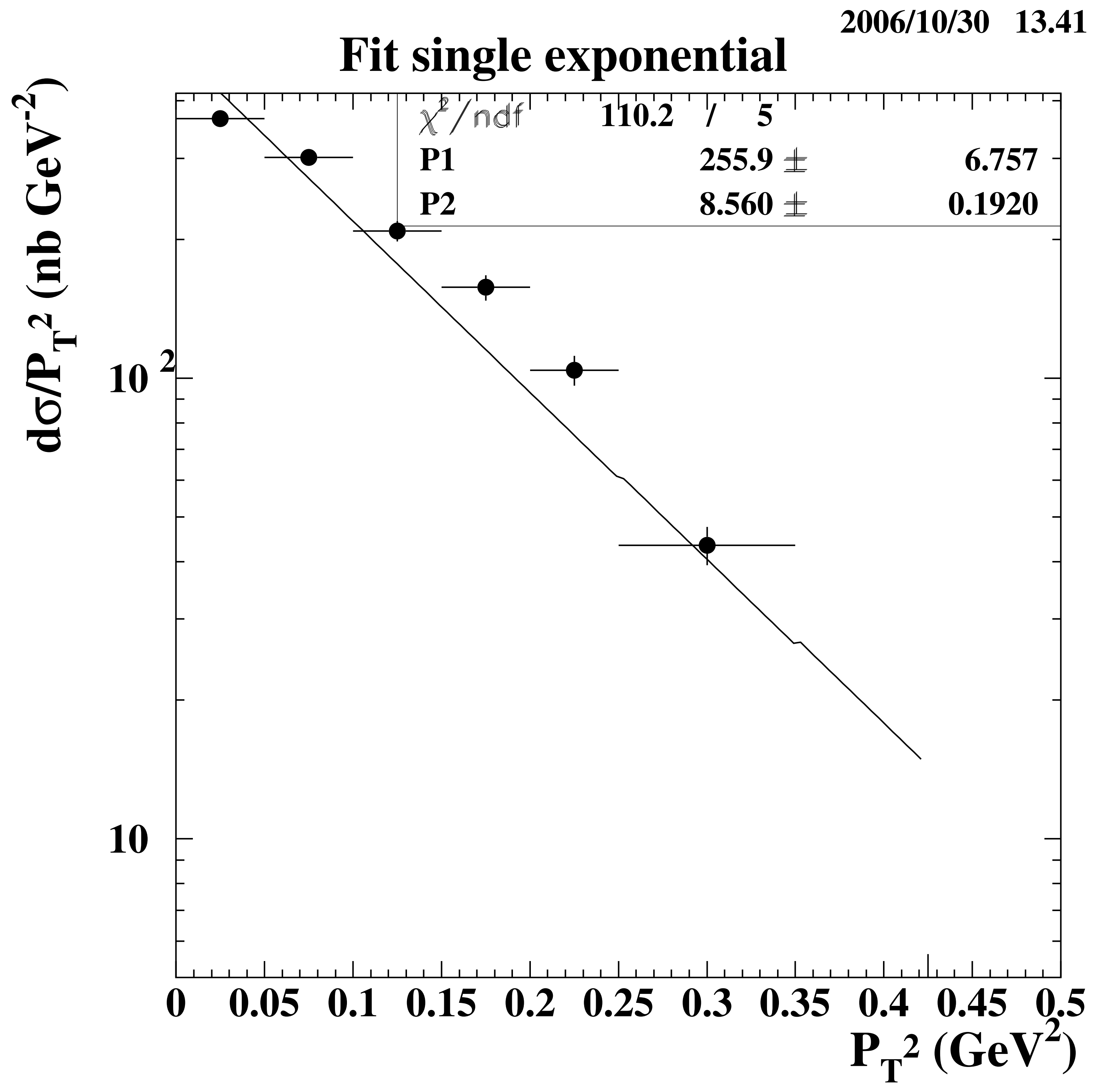

2006/10/30 13.41
TLT correction
1.01
1.005
1
0.995
0.99
0.985
0.98
0.975
0.97
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
P_T^2 (GeV^2)

2006/10/30 13.41

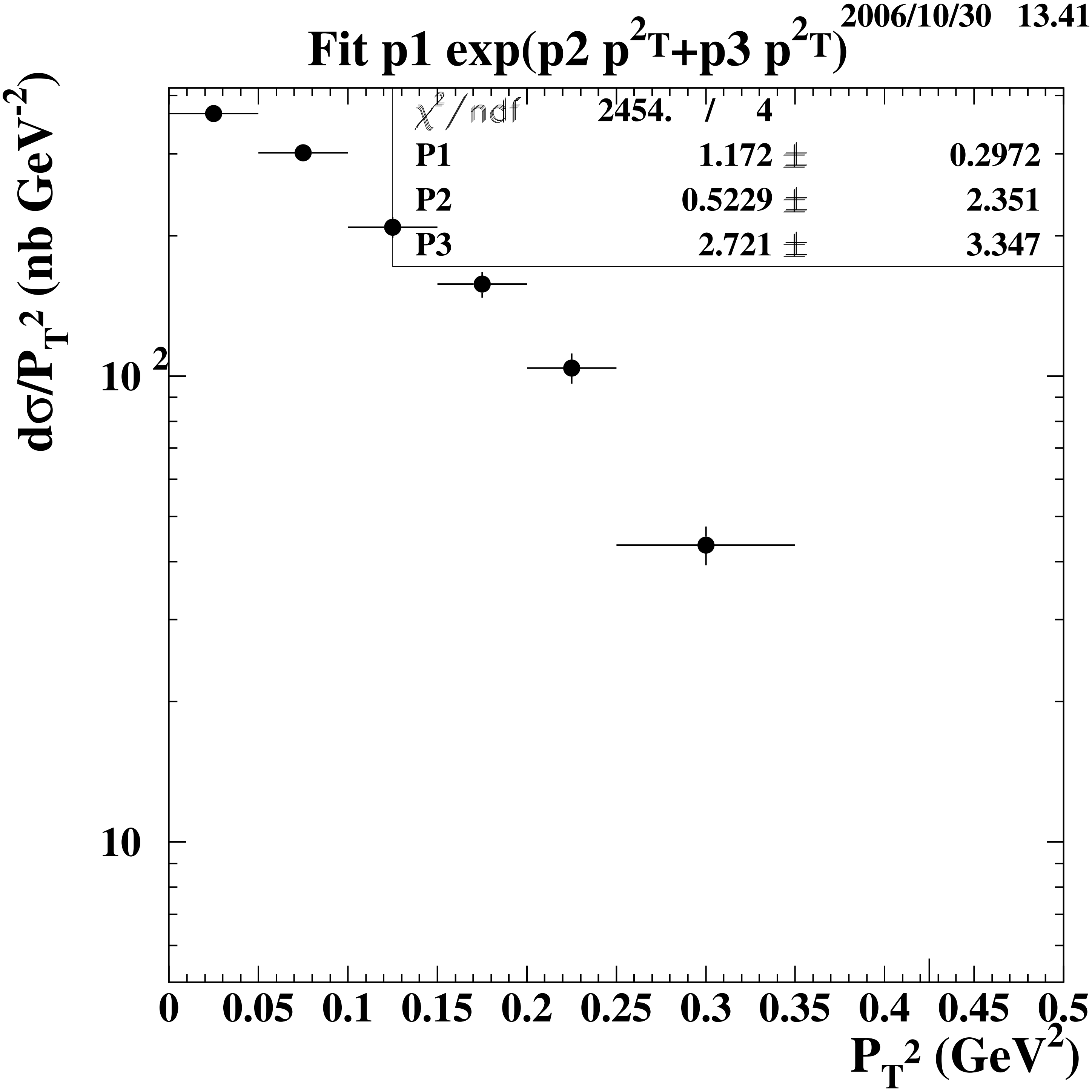


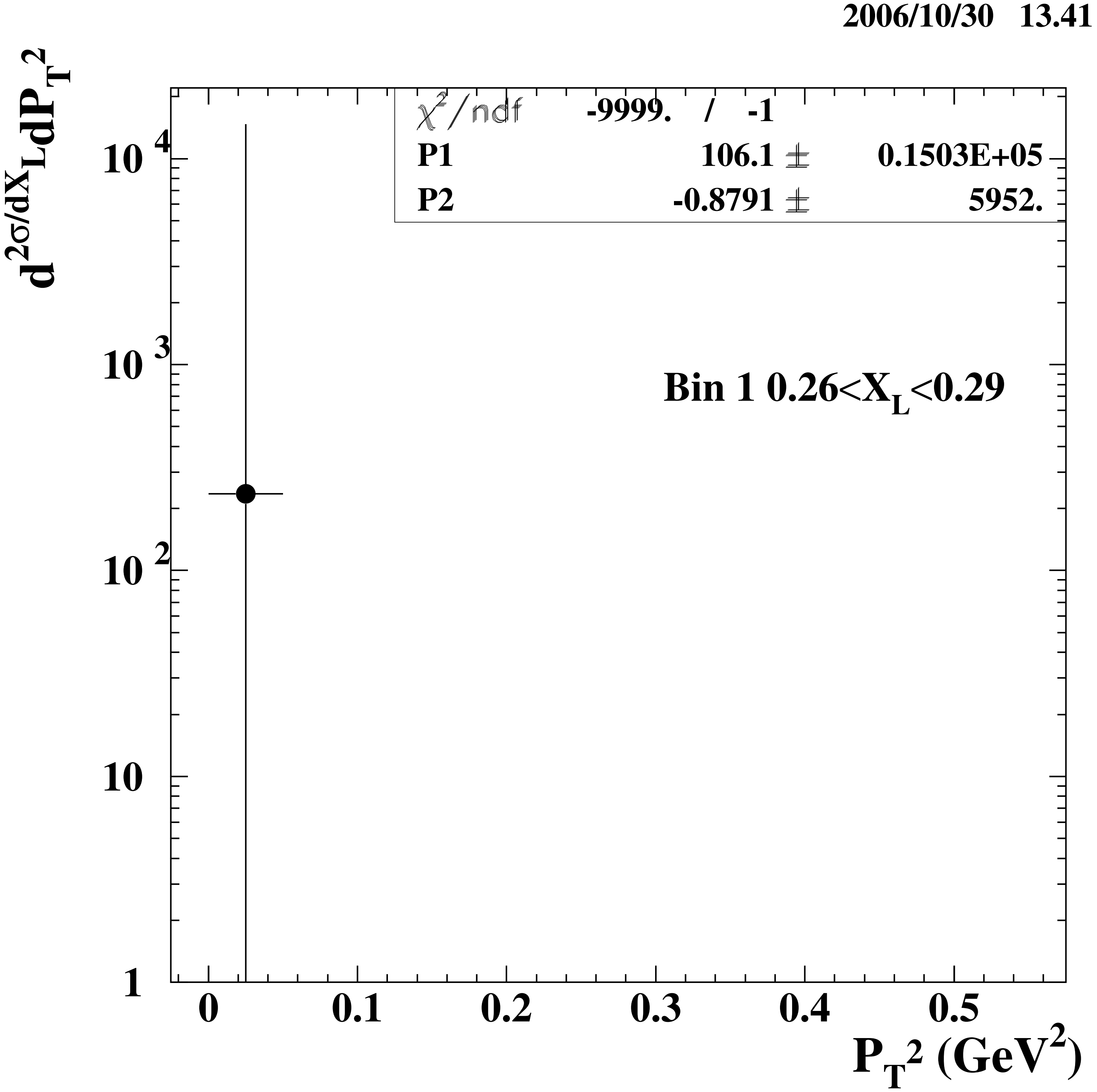
2006/10/30 13.41



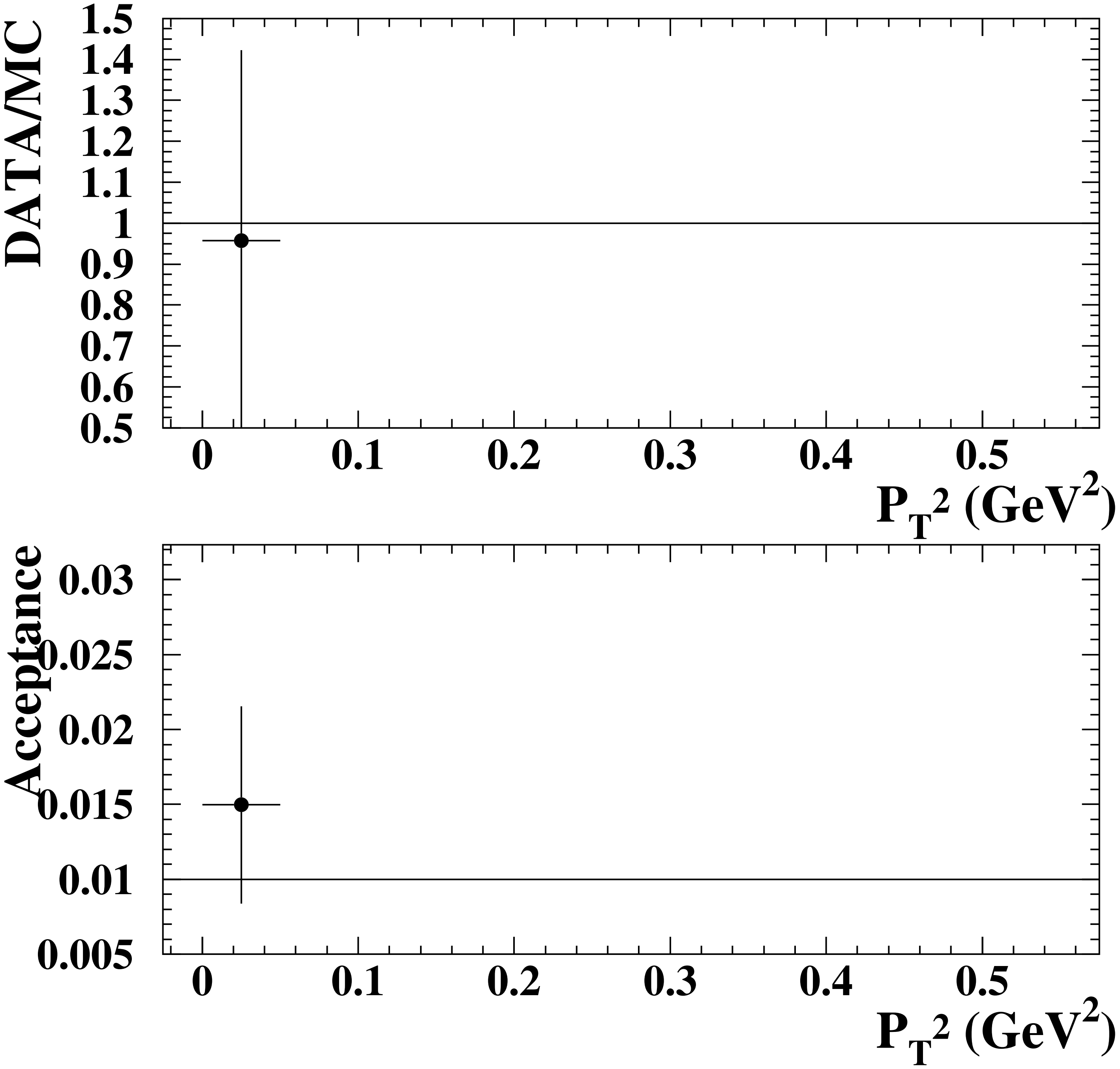


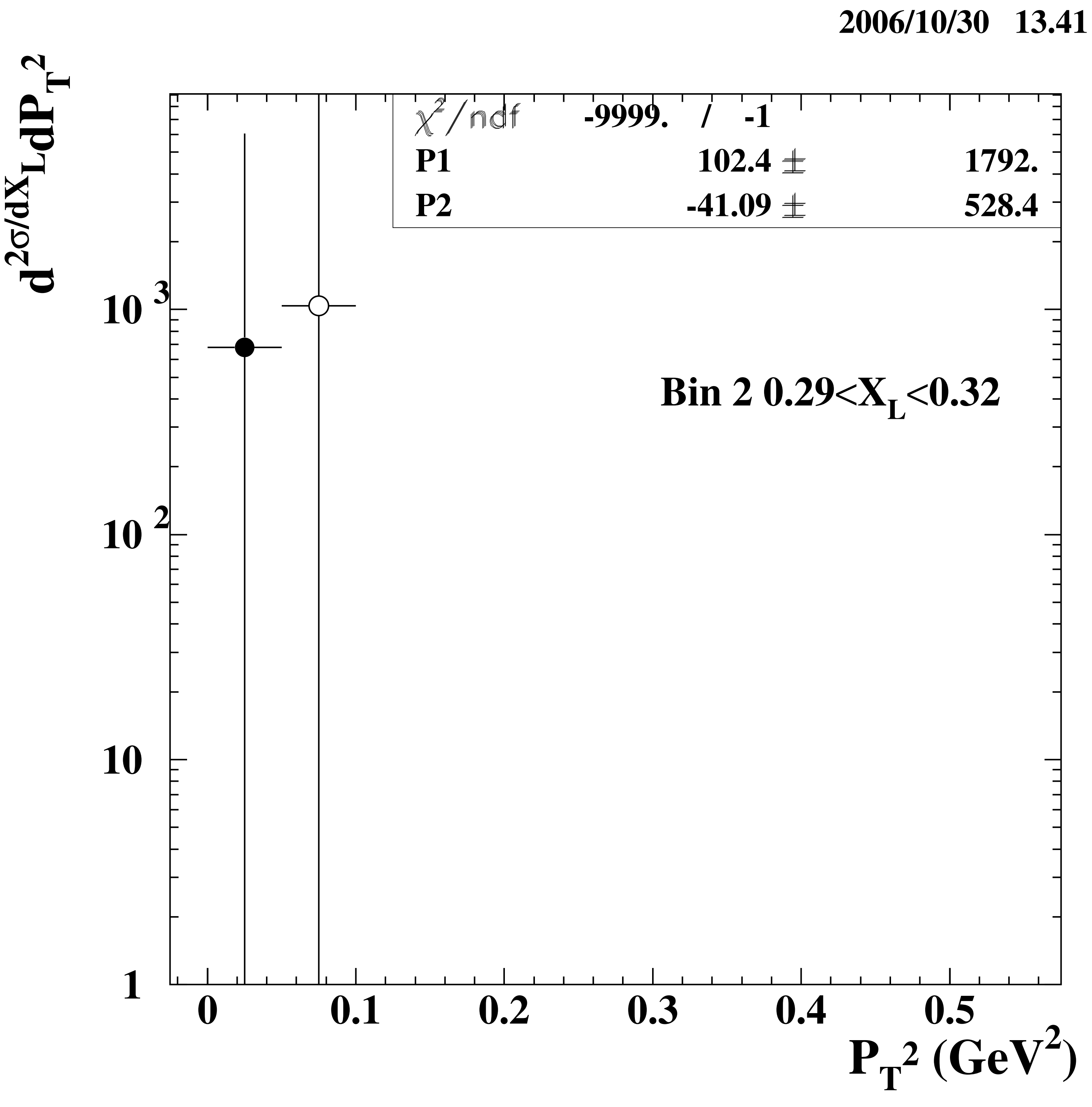
2006/10/30 13.41
Fit single exponential
χ²/ndf 110.2 / 5
P1 255.9 ± 6.757
P2 8.560 ± 0.1920
dσ/P_T² (nb GeV⁻²)
10²
10
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
P_T² (GeV²)


2006/10/30 13.41
Fit p1 exp(p2 p2T+p3 p2T)
χ^2/ndf 2454. / 4
P1 1.172 ± 0.2972
P2 0.5229 ± 2.351
P3 2.721 ± 3.347
$d\sigma/P_T^2$ (nb GeV^{-2})
10^2
10
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
P_T^2 (GeV^2)

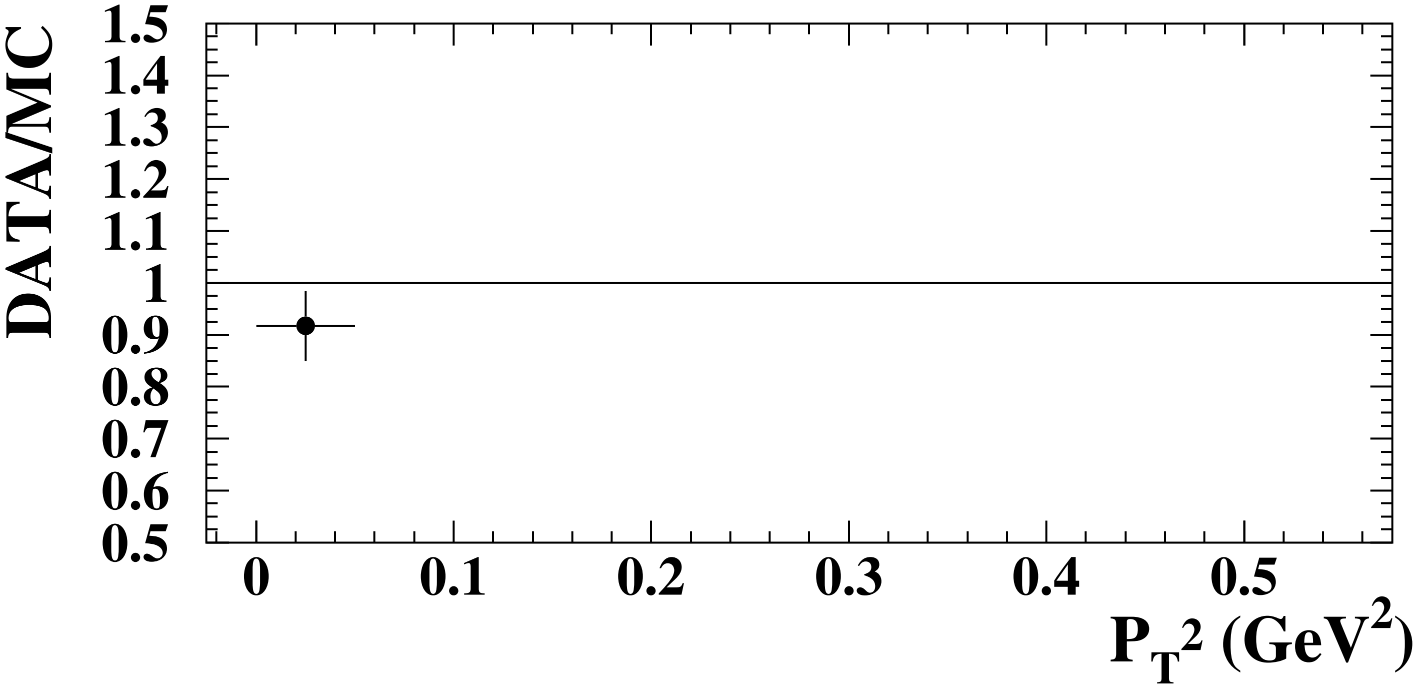

2006/10/30 13.41
$d^{2\sigma/dX_L dP_T^2}$
χ^2/ndf -9999. / -1
P1 106.1 ± 0.1503E+05
P2 -0.8791 ± 5952.
Bin 1 0.26<X_L<0.29
10^4
10^3
10^2
10
1
0
0.1
0.2
0.3
0.4
0.5
P_T^2 (GeV^2)

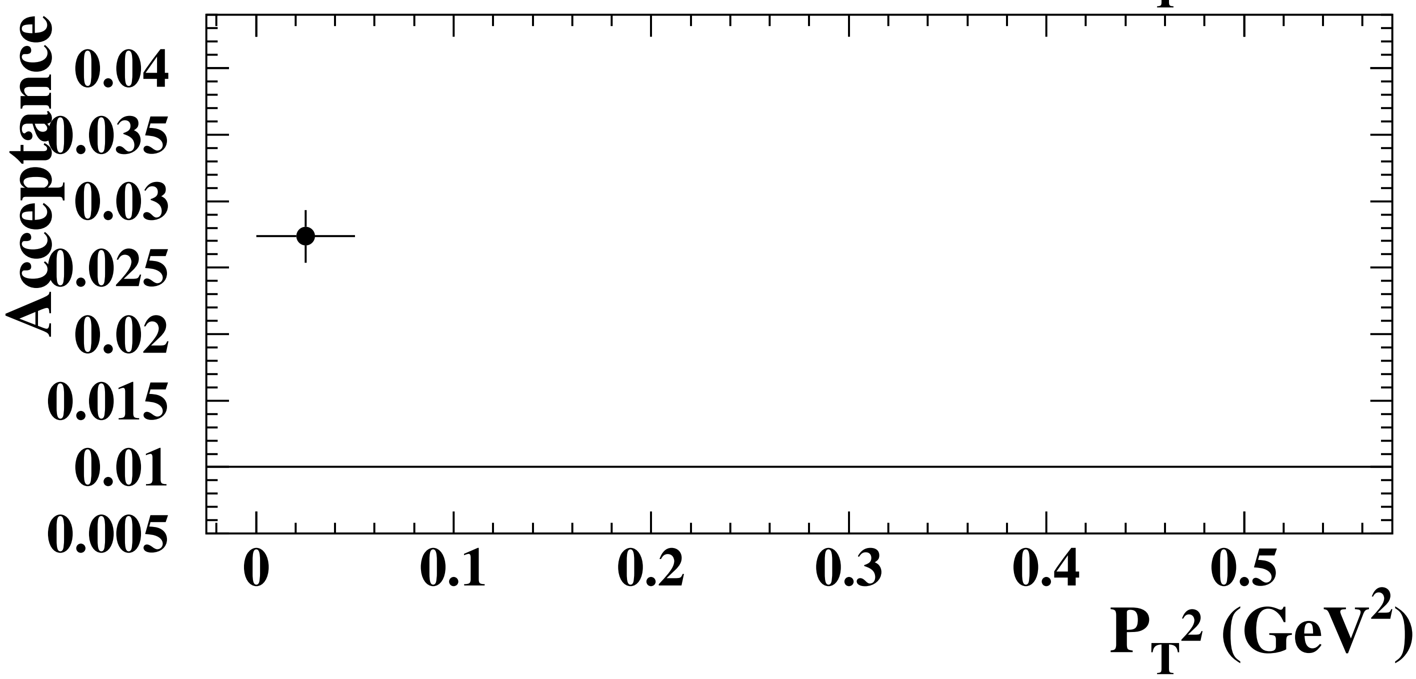
2006/10/30   13.41

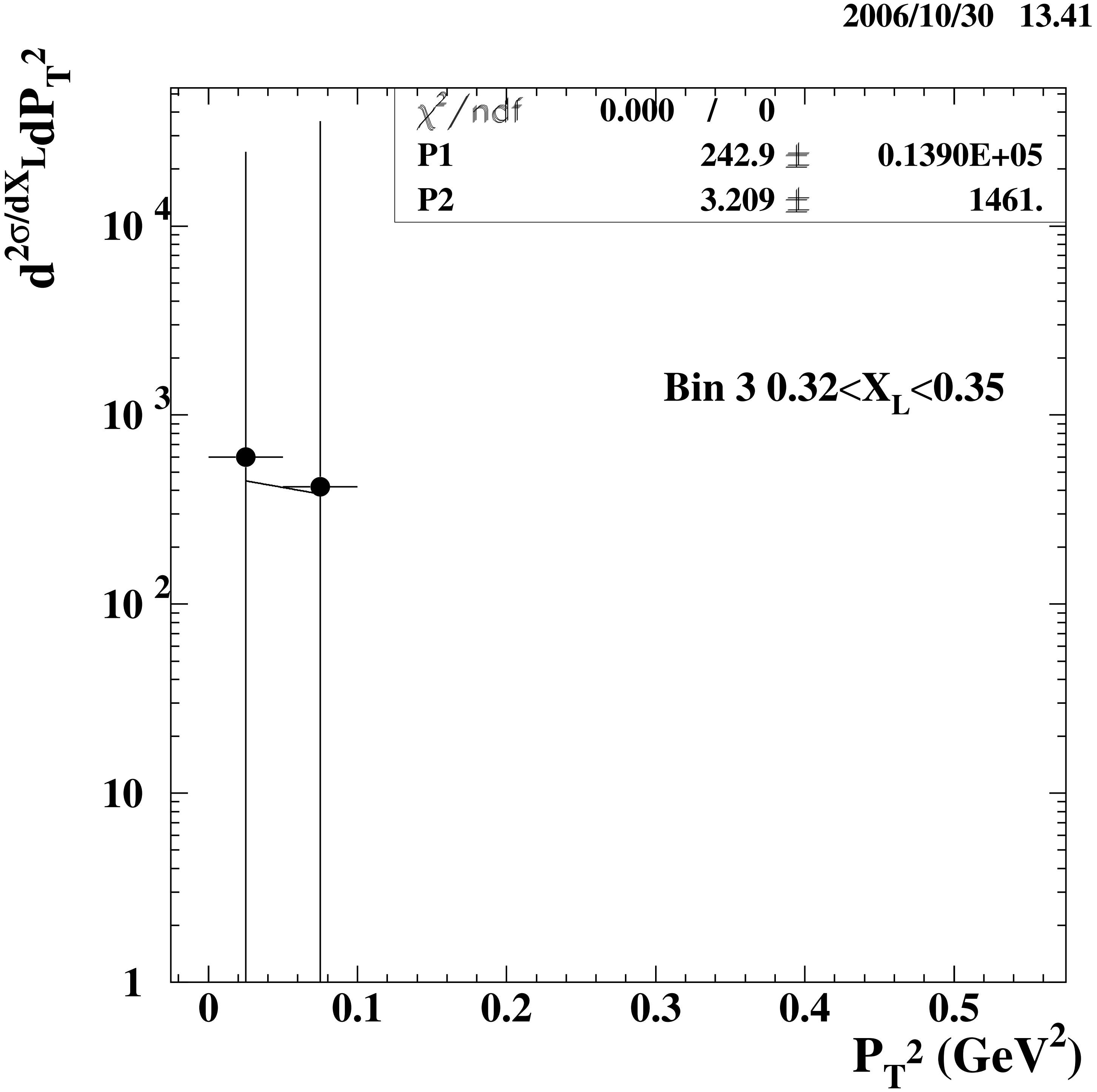



2006/10/30 13.41
$d^2\sigma/dX_L dP_T^2$
χ^2/ndf -9999. / -1
P1 102.4 ± 1792.
P2 -41.09 ± 528.4
Bin 2 0.29<X_L<0.32
10^3
10^2
10
1
0
0.1
0.2
0.3
0.4
0.5
P_T^2 (GeV^2)

2006/10/30 13.41






2006/10/30 13.41
$d^{2\sigma/dX_L dP_T^2}$
χ^2/ndf 0.000 / 0
P1 242.9 ± 0.1390E+05
P2 3.209 ± 1461.
Bin 3 0.32<X_L<0.35
10^4
10^3
10^2
10
1
0
0.1
0.2
0.3
0.4
0.5
P_T^2 (GeV^2)

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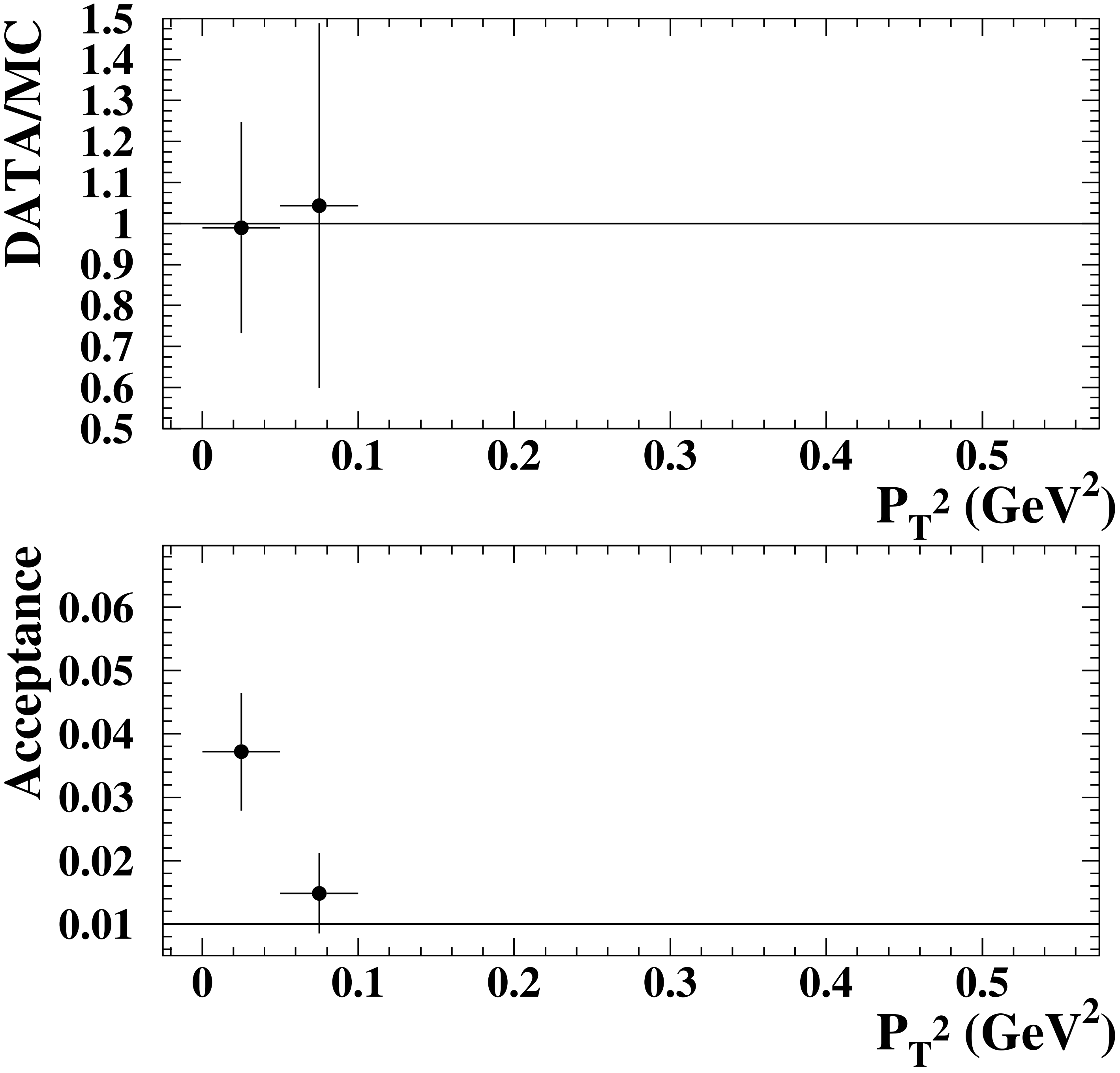

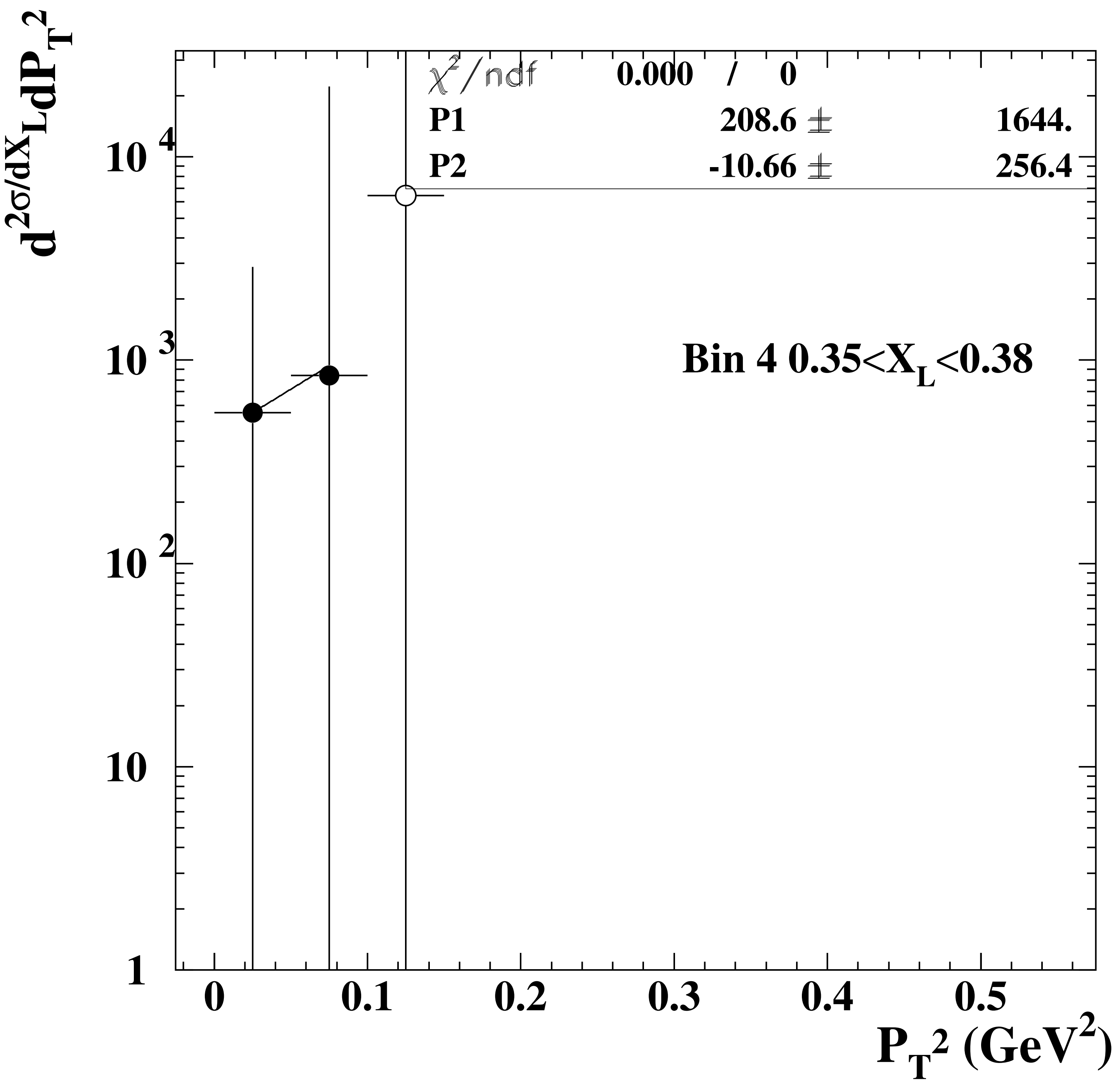

$d^{2\sigma/dX}{}_L dP_T{}^2$
χ^2 / ndf 0.000 / 0
P1 208.6 ± 1644.
P2 -10.66 ± 256.4
Bin 4 0.35<X$_L$<0.38
10^4
10^3
10^2
10
1
0
0.1
0.2
0.3
0.4
0.5
$P_T{}^2$ (GeV^2)

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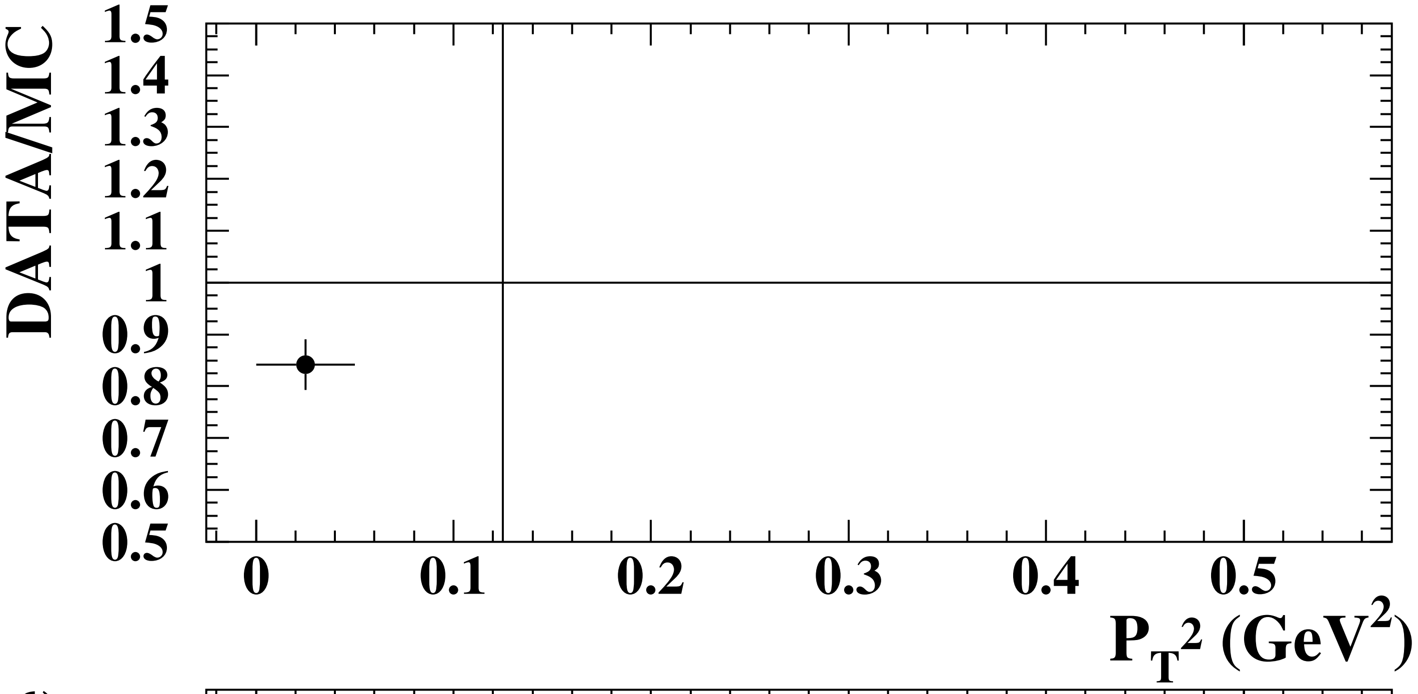

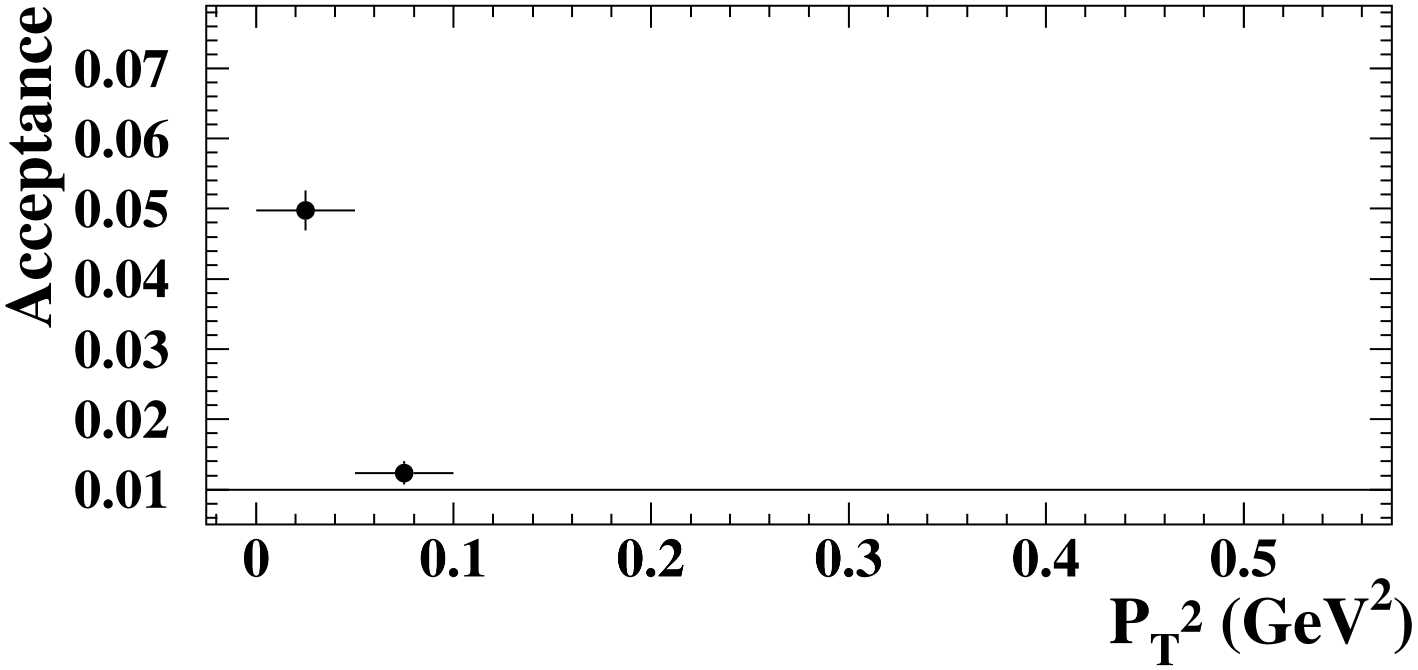

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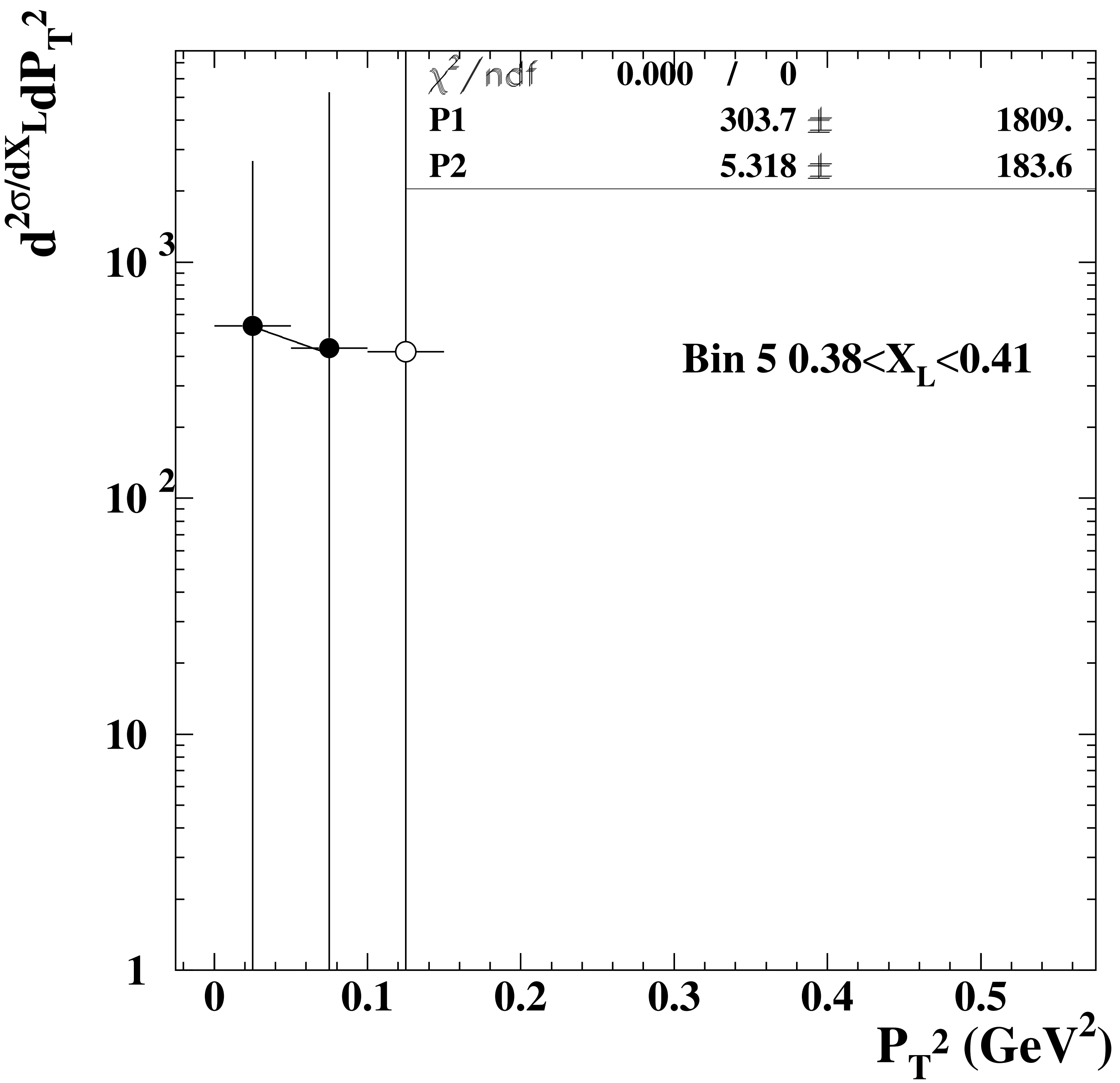

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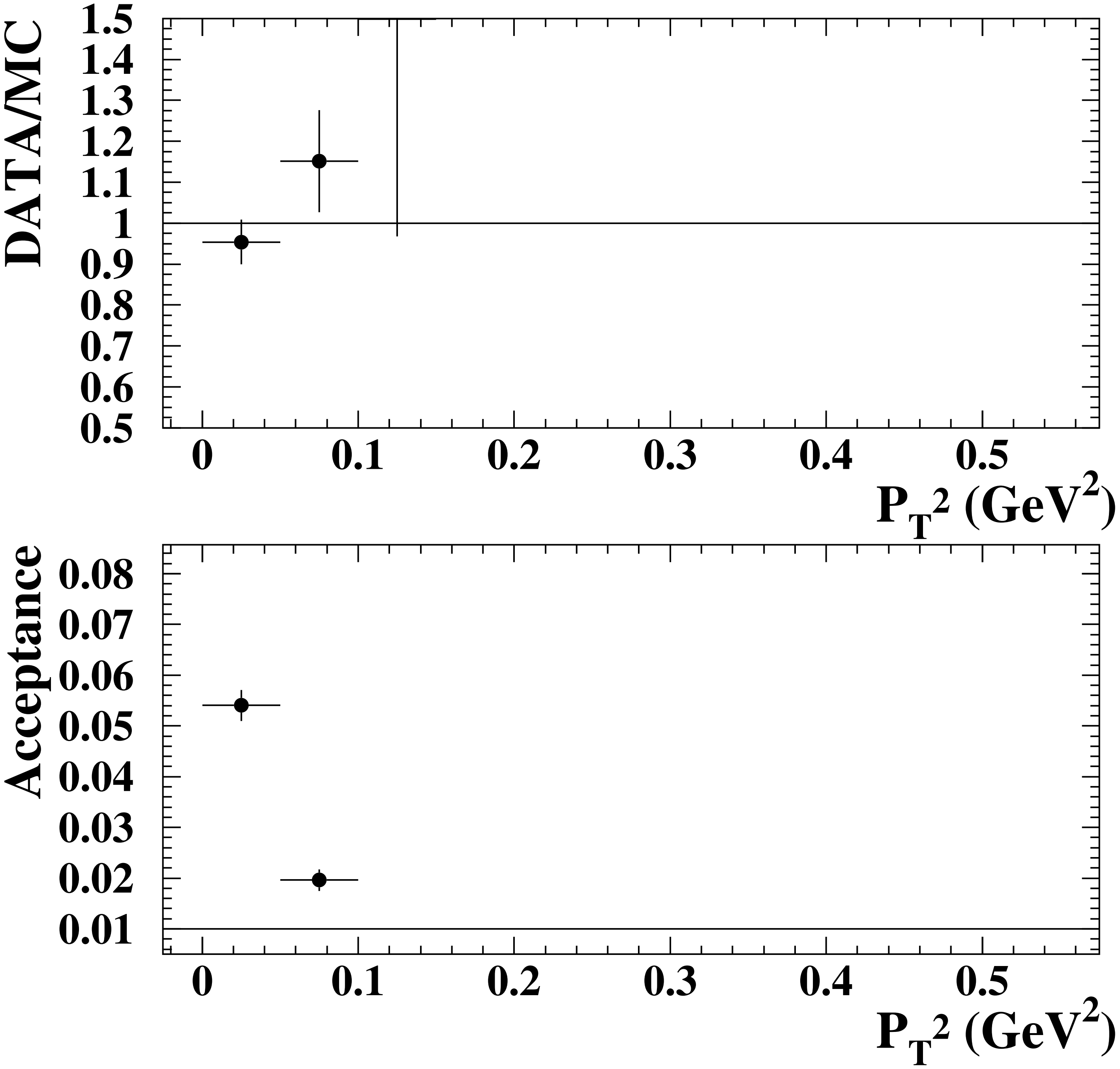

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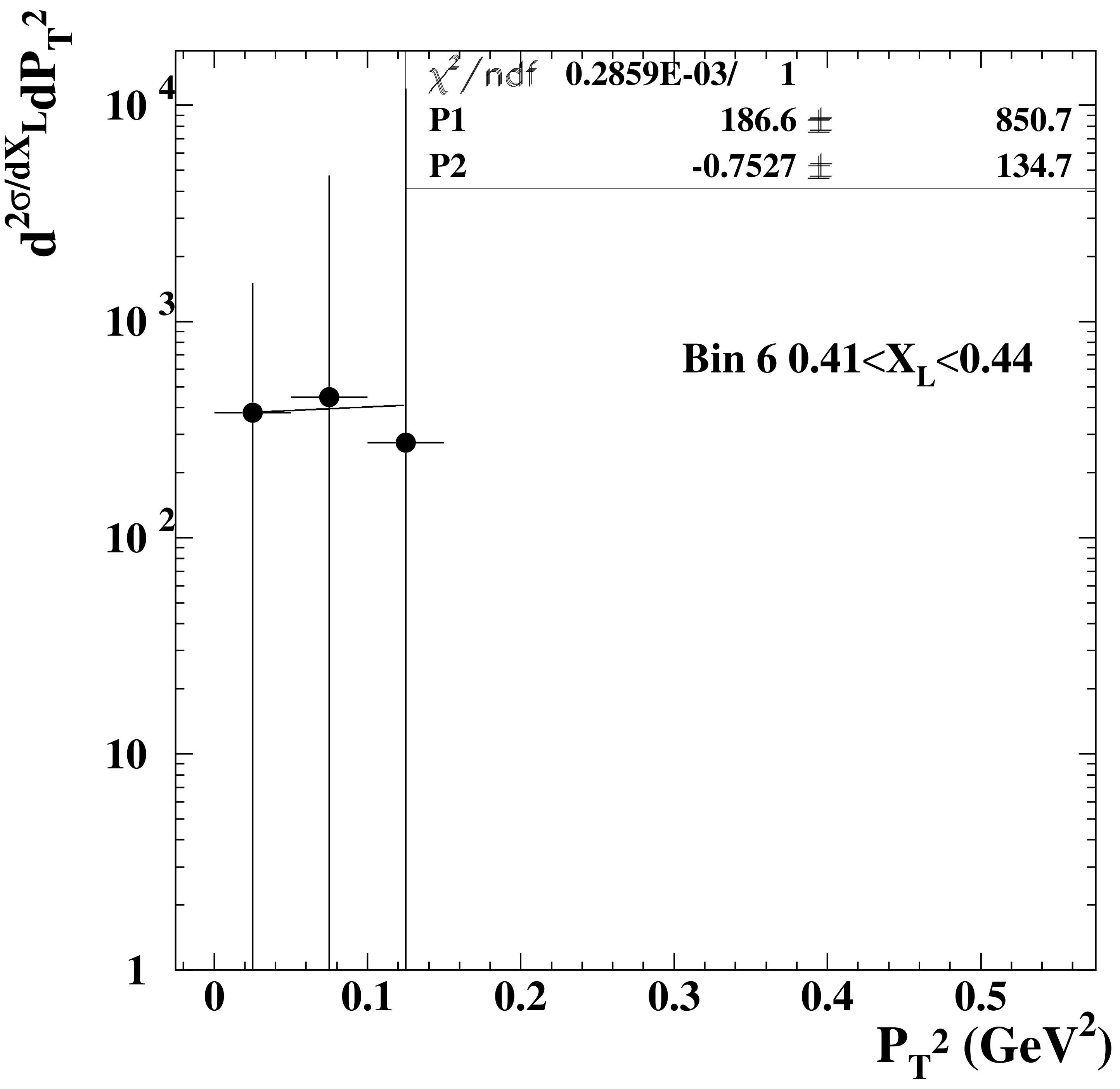

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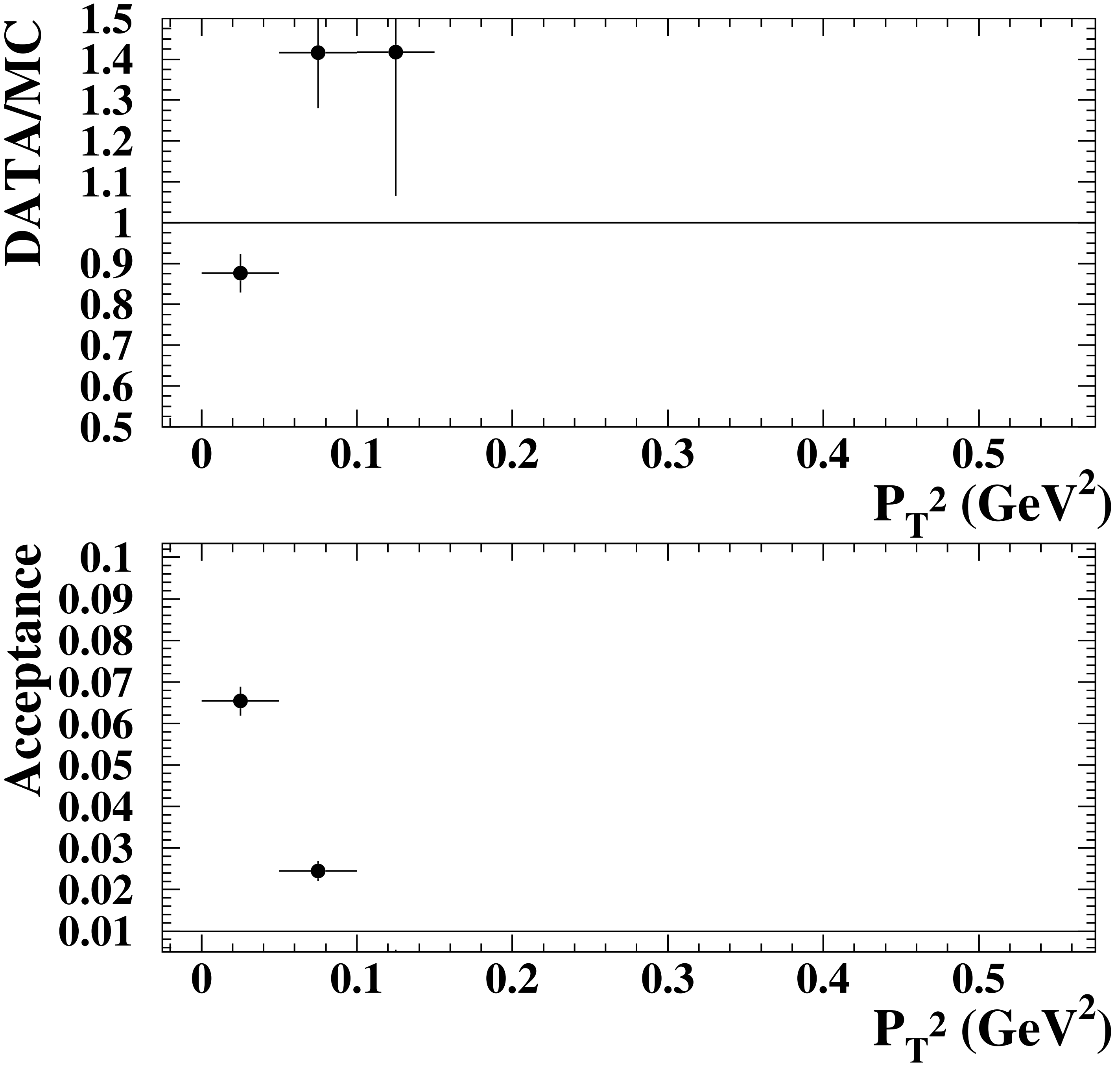
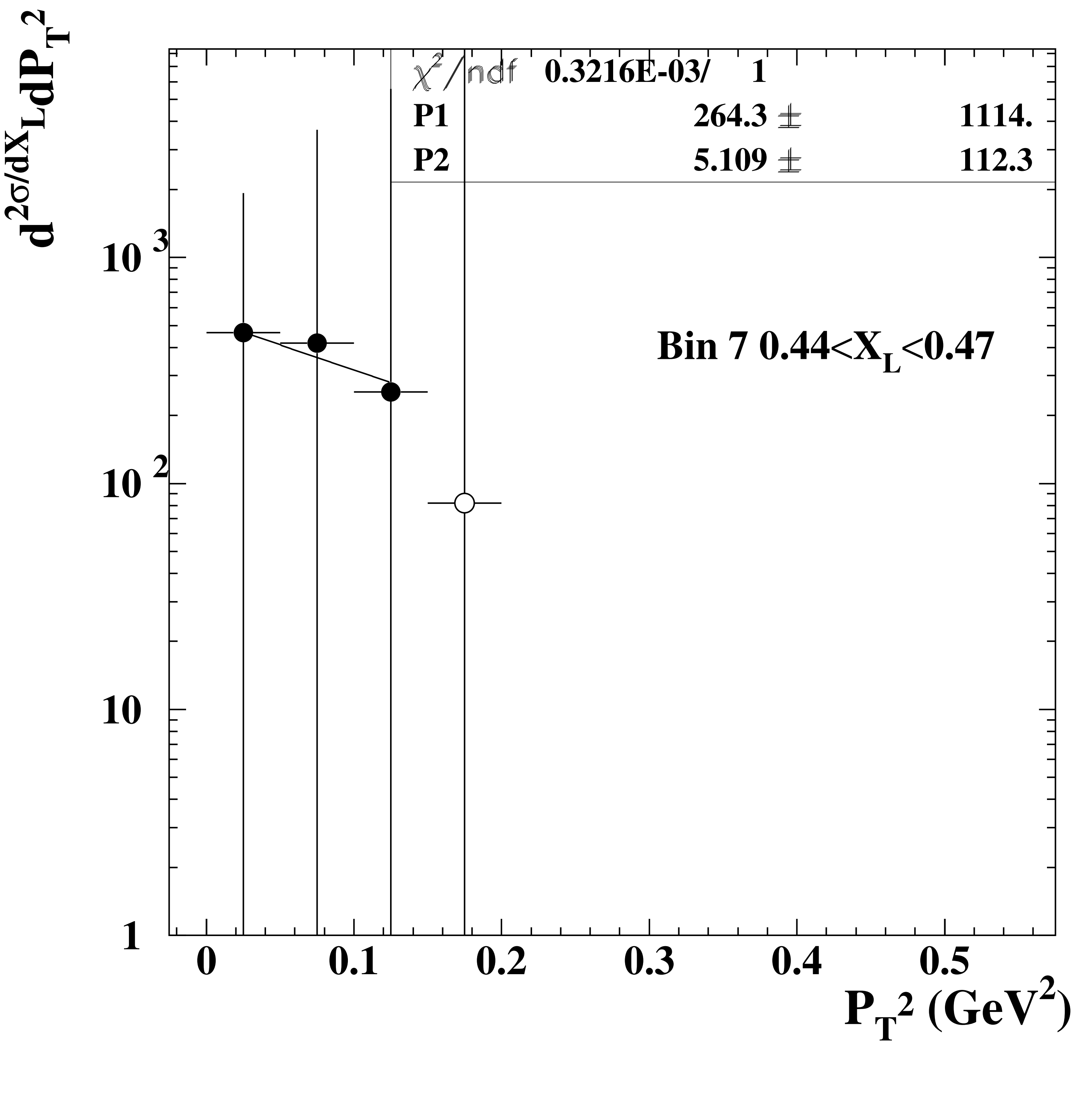


2006/10/30 13.41



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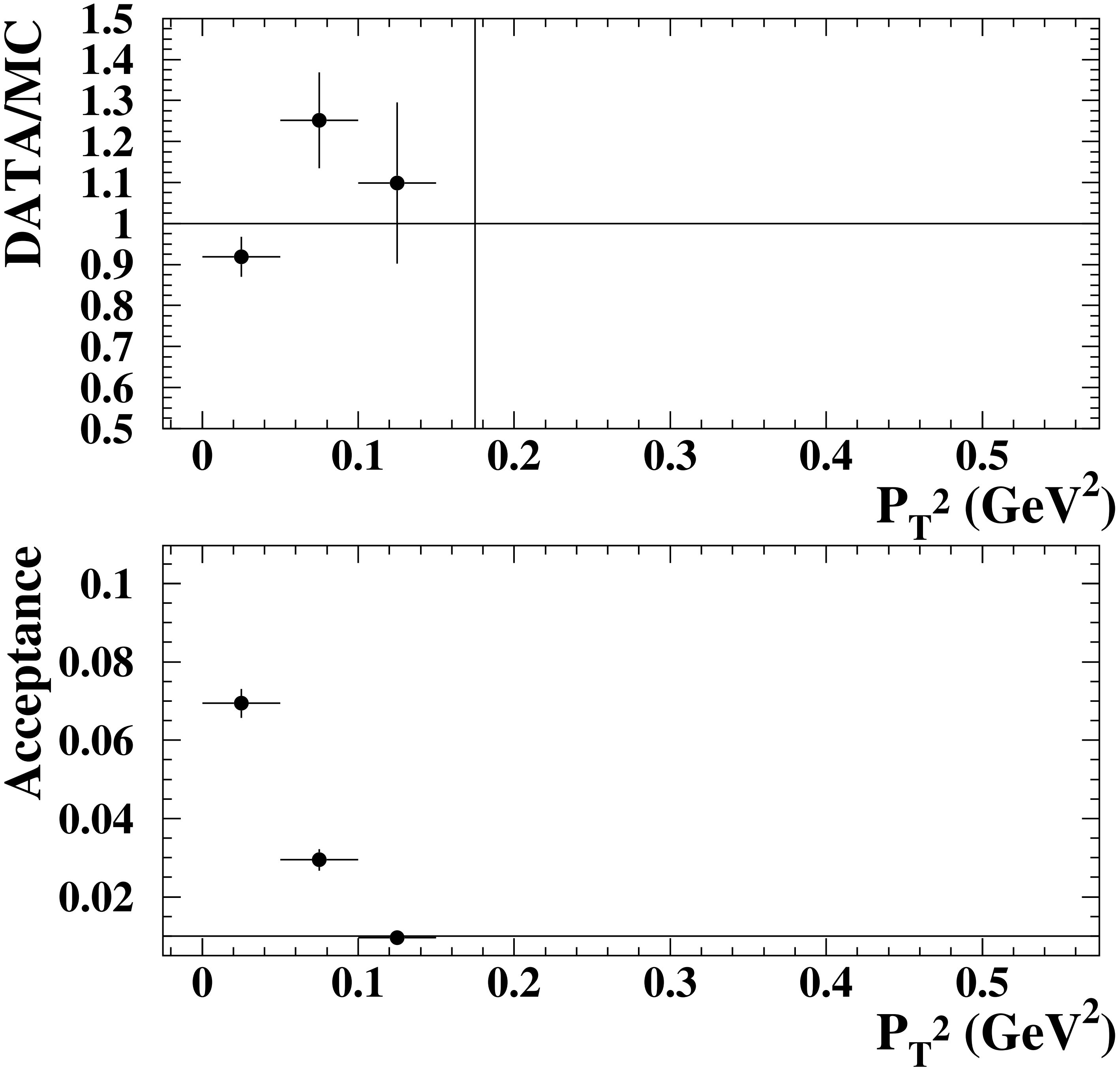
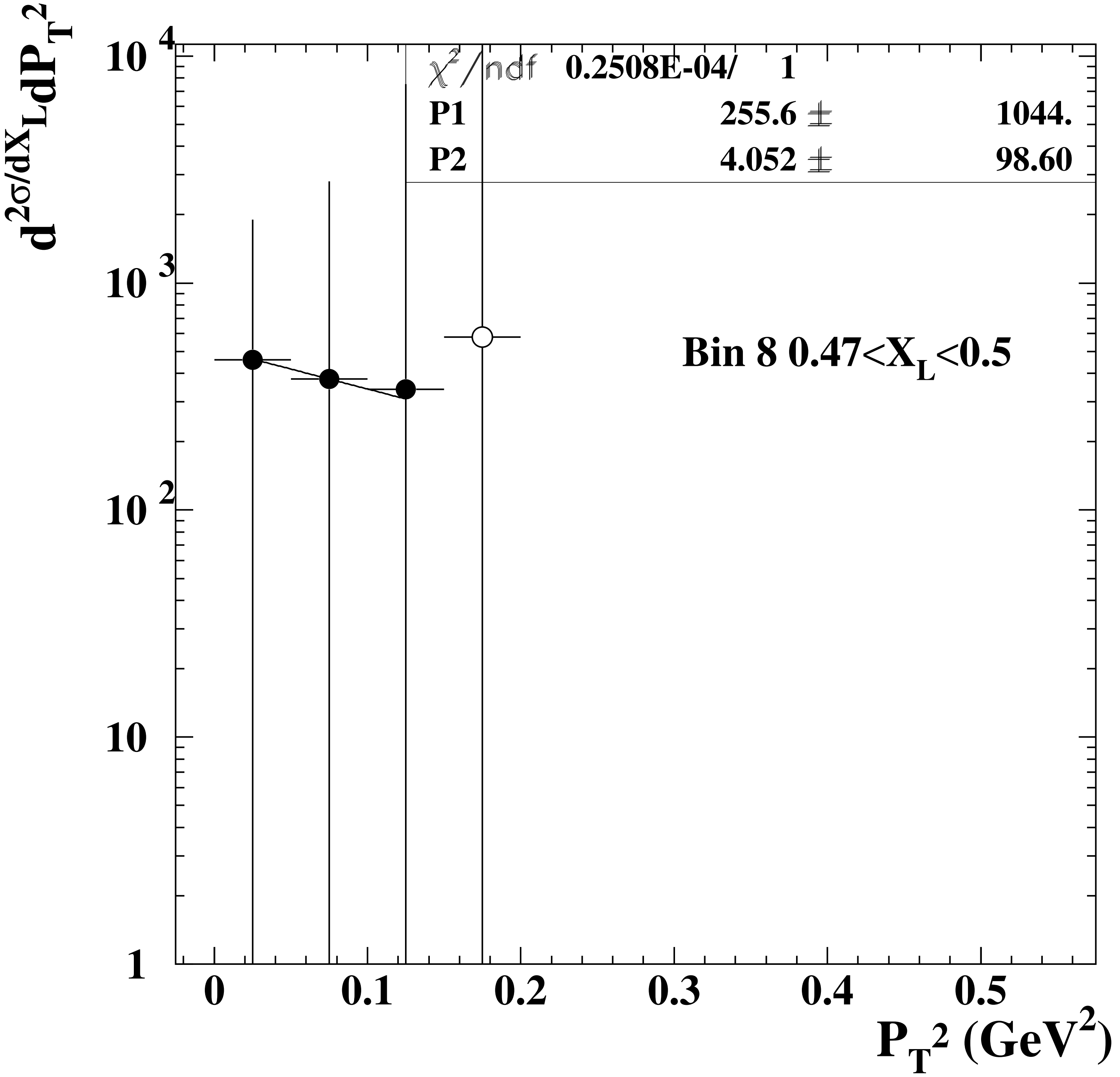


2006/10/30 13.41



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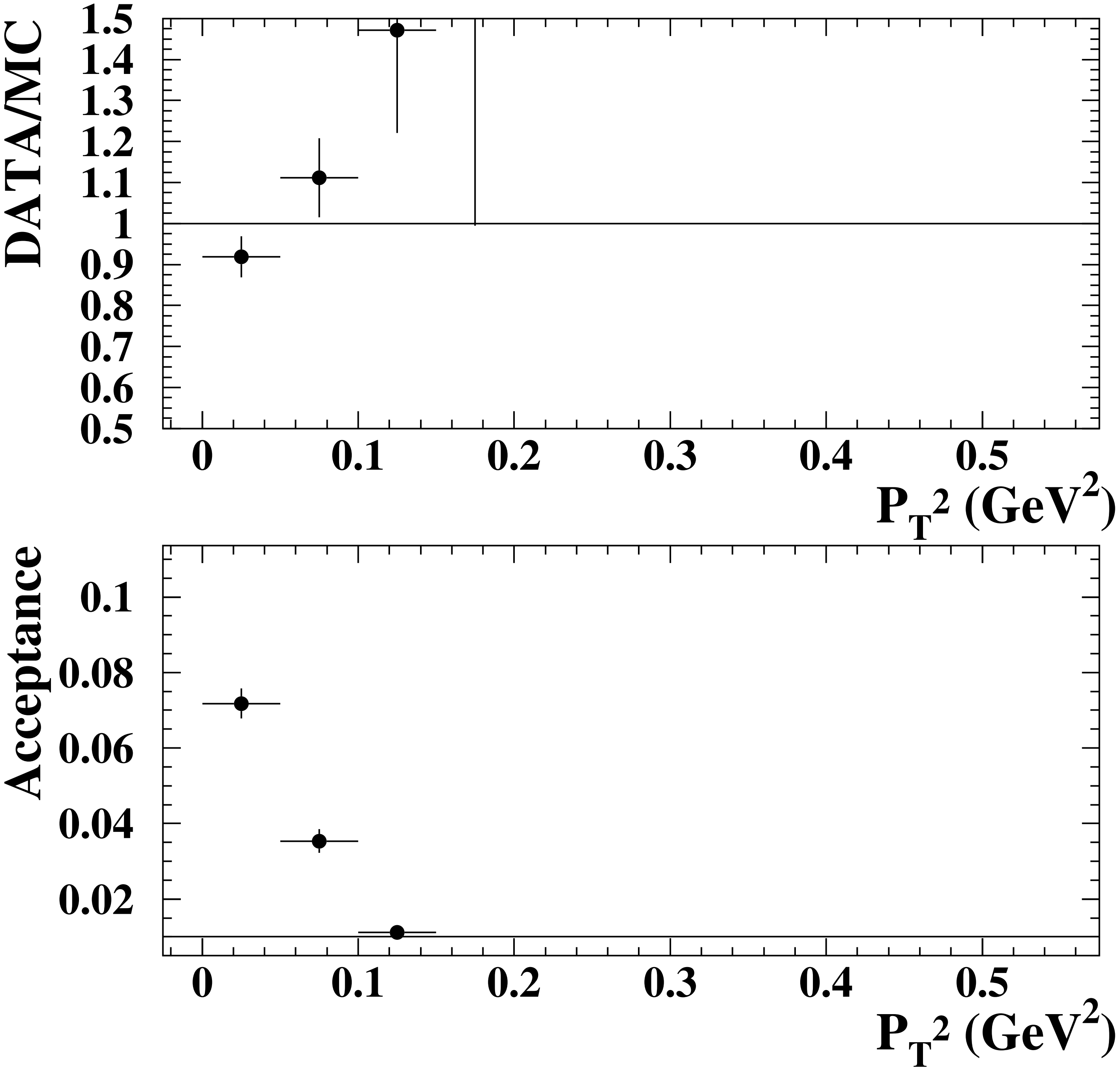
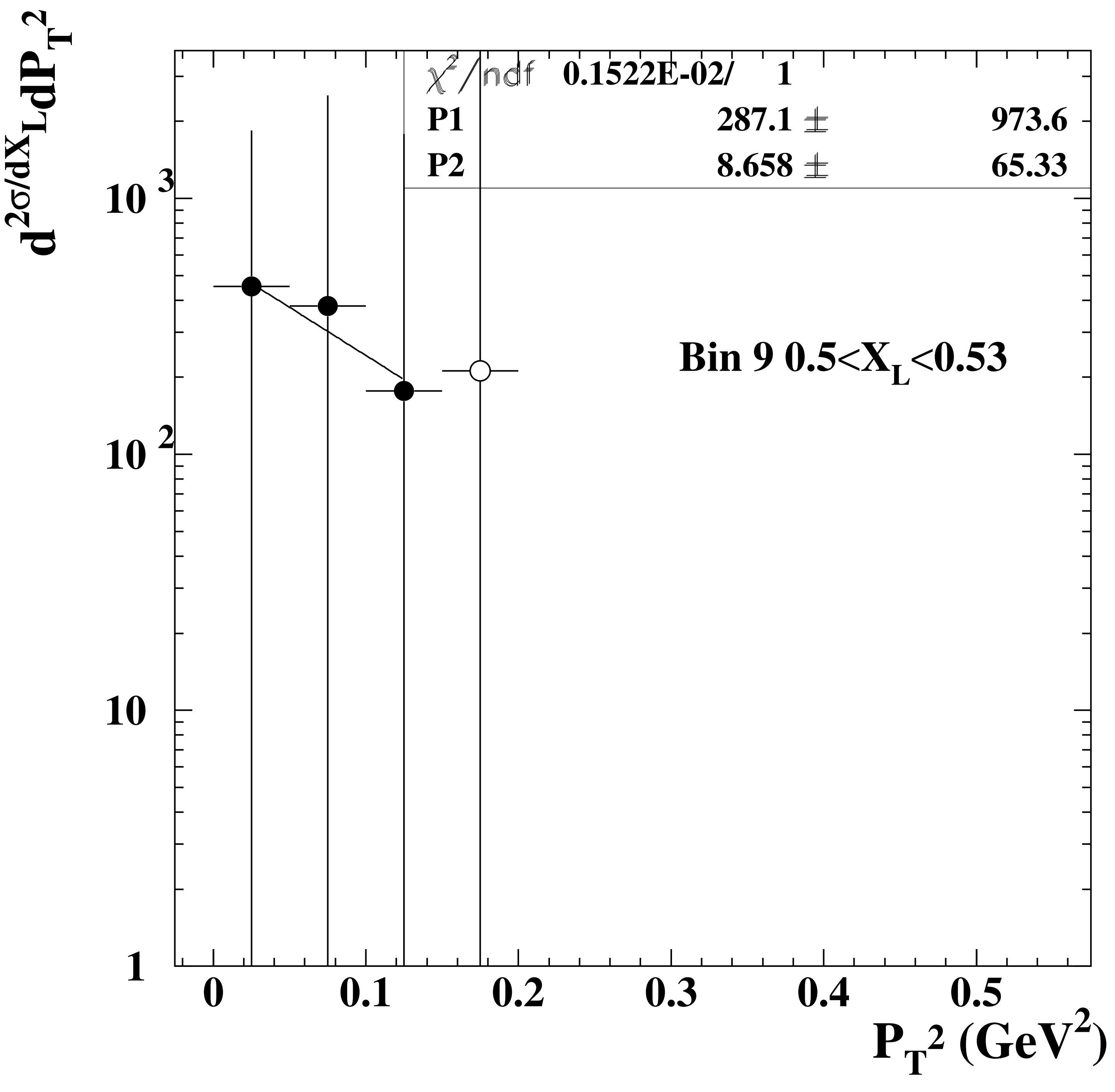


2006/10/30 13.41



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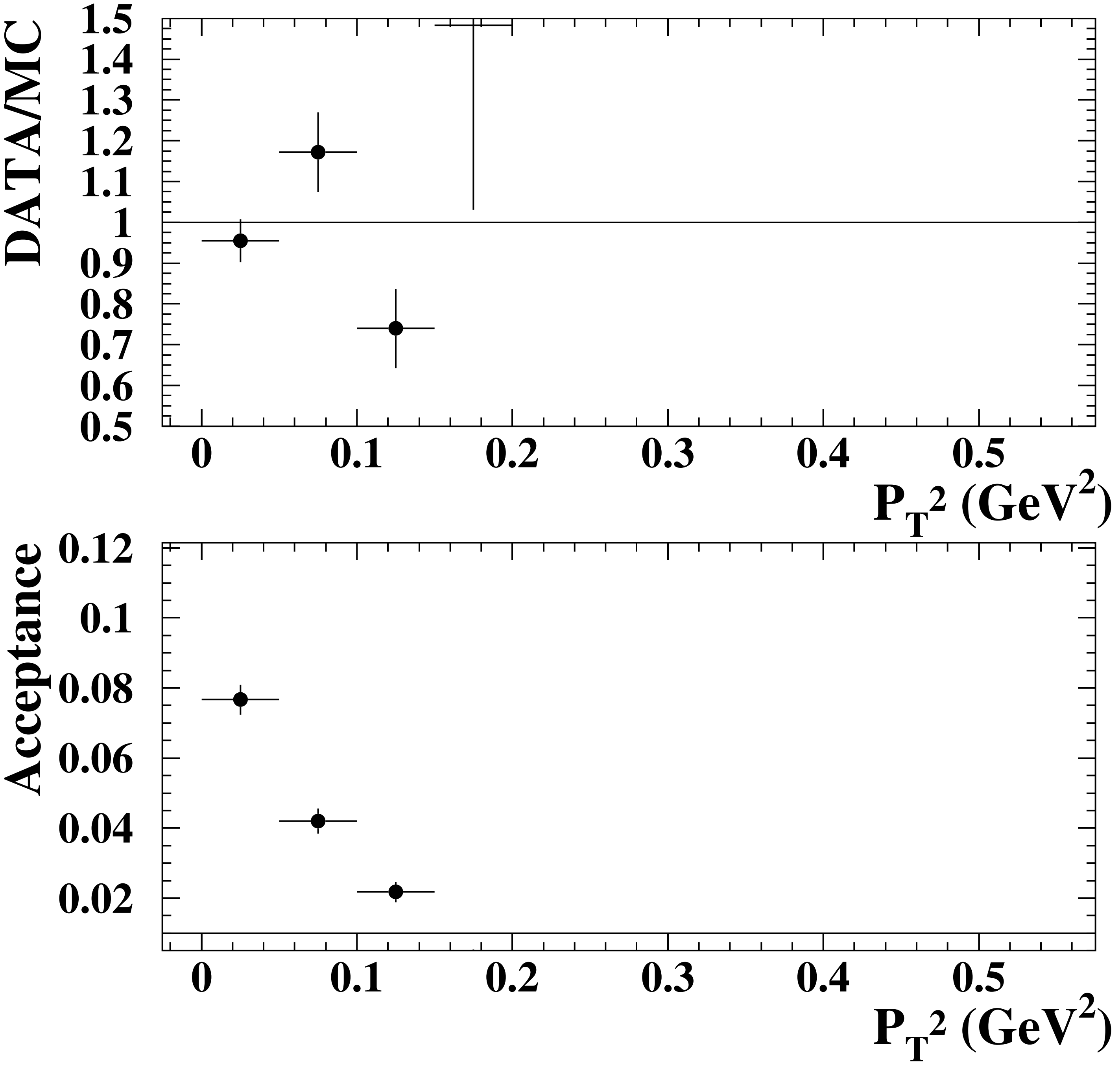
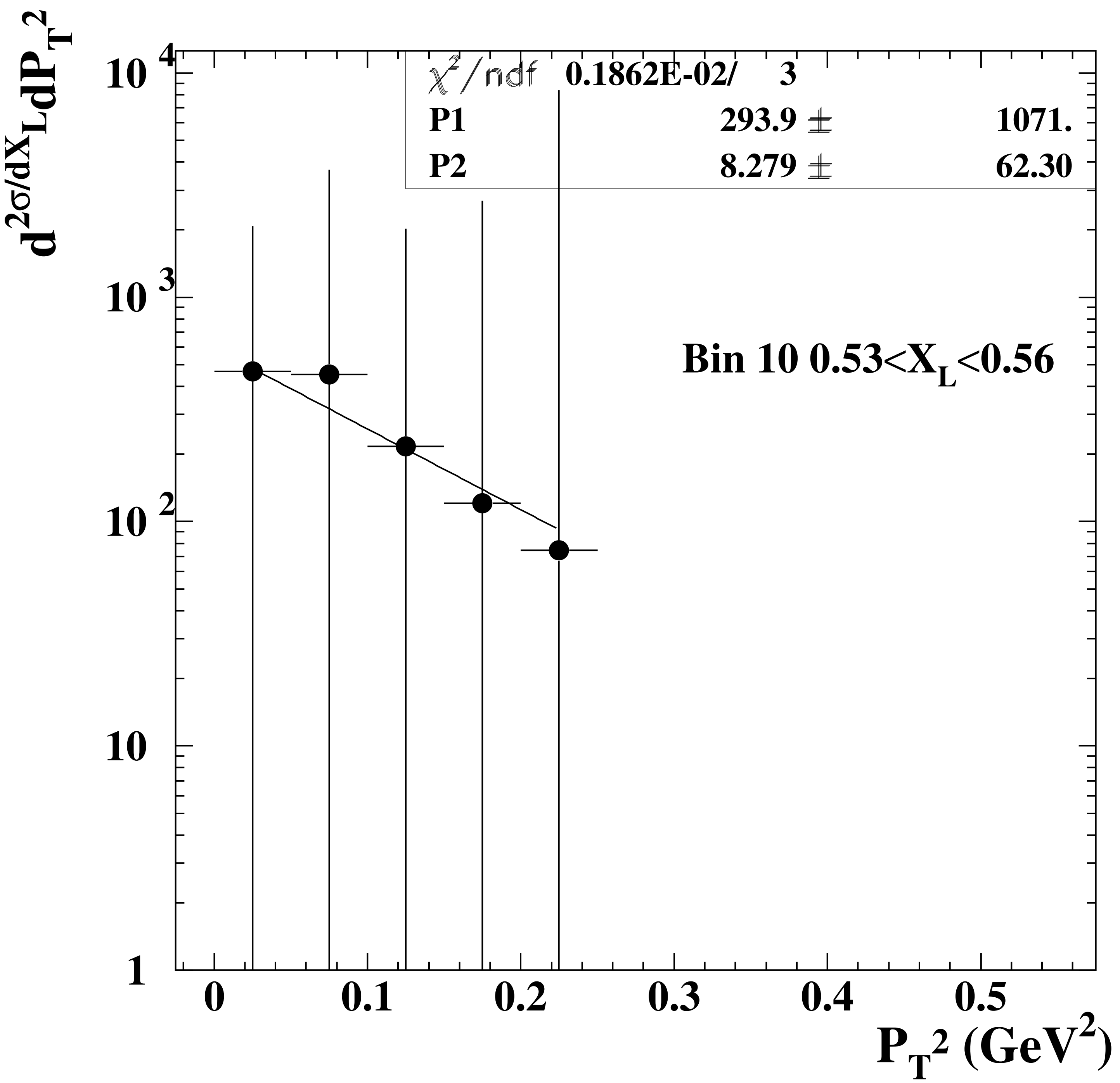
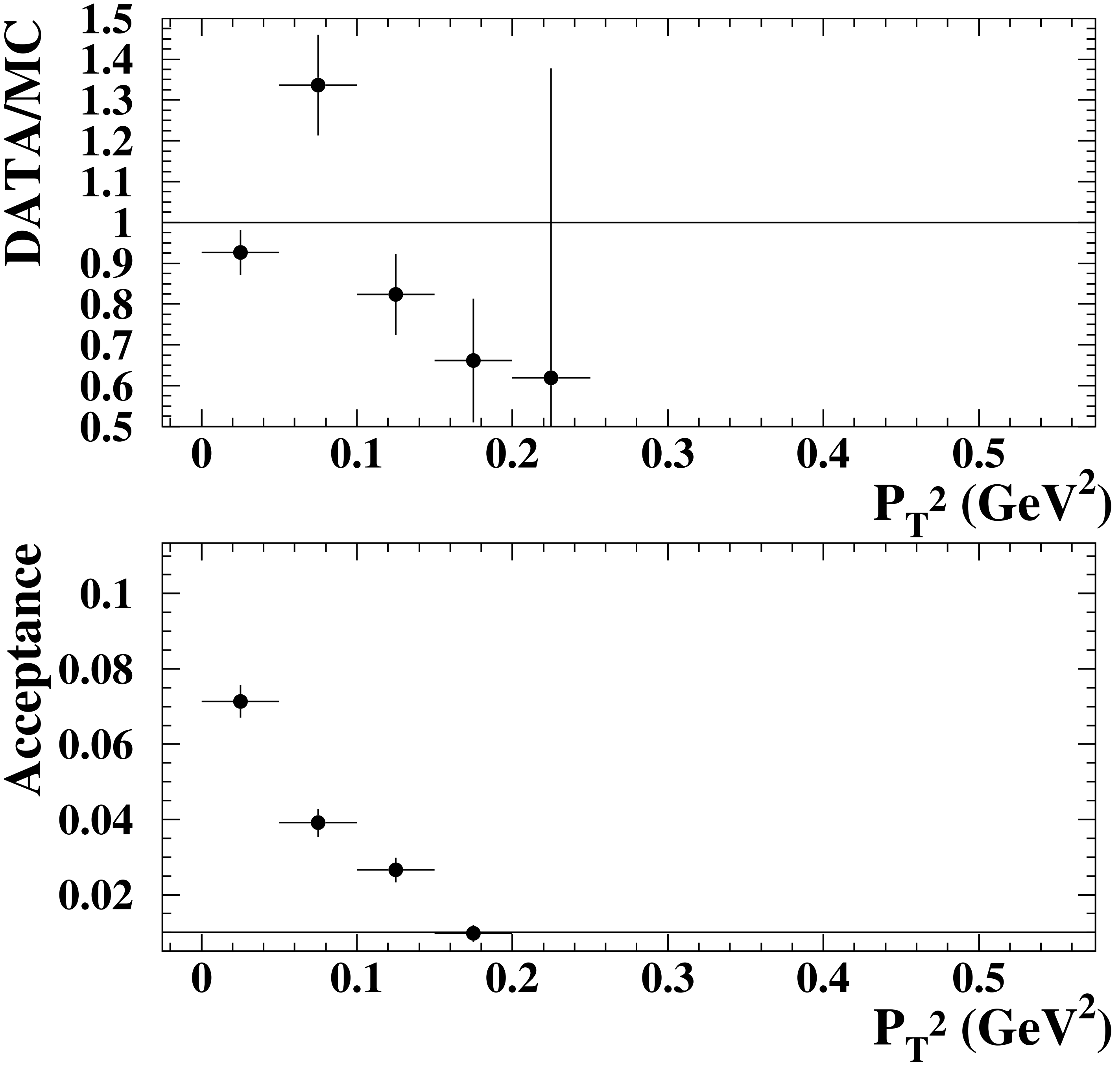



χ^2/ndf 0.1862E-02/ 3
P1 293.9 ± 1071.
P2 8.279 ± 62.30
Bin 10 0.53<X_L<0.56
$d^2\sigma/dX_L dP_T^2$
10^4
10^3
10^2
10
1
0
0.1
0.2
0.3
0.4
0.5
P_T^2 (GeV^2)

2006/10/30 13.41



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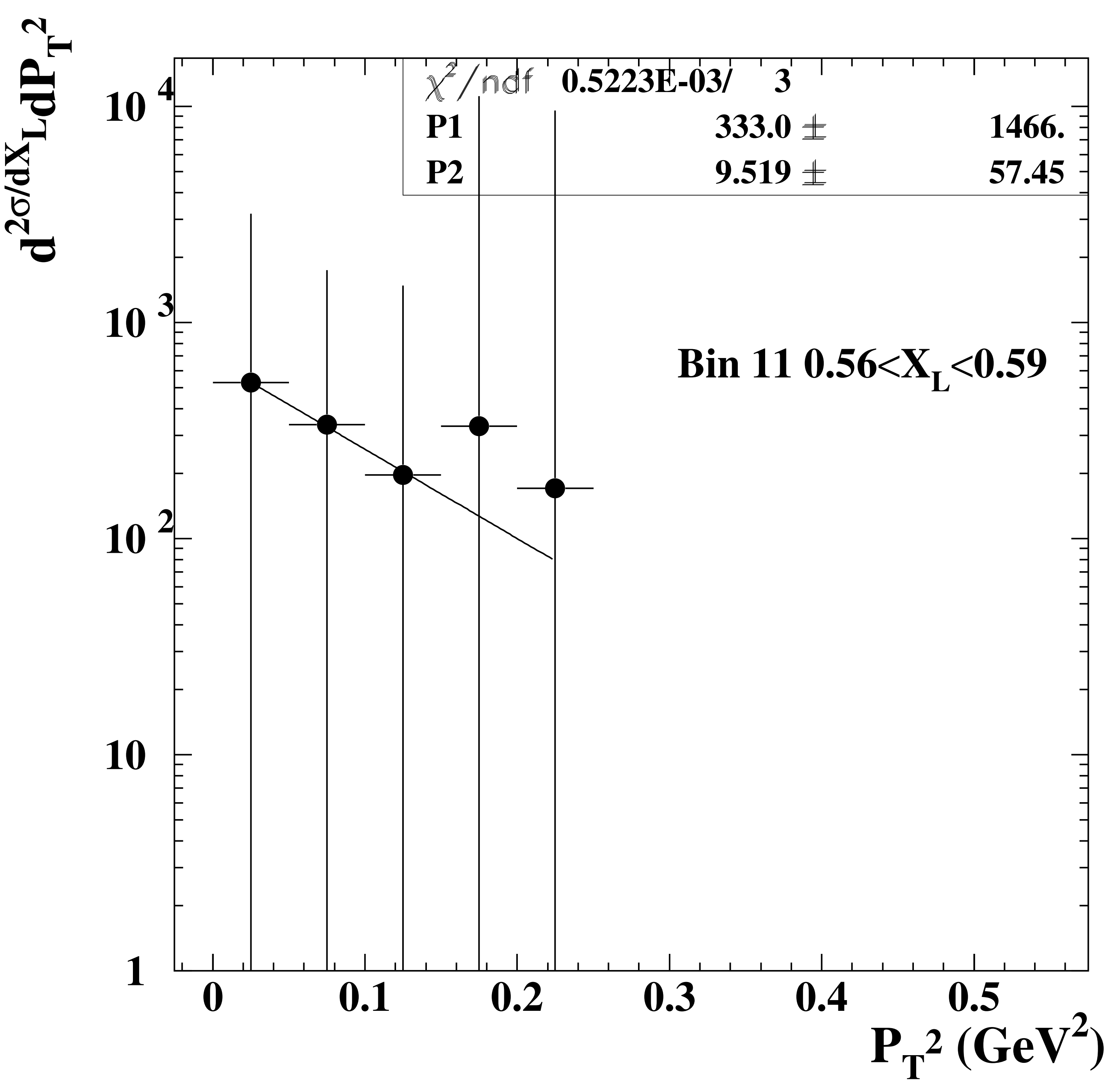
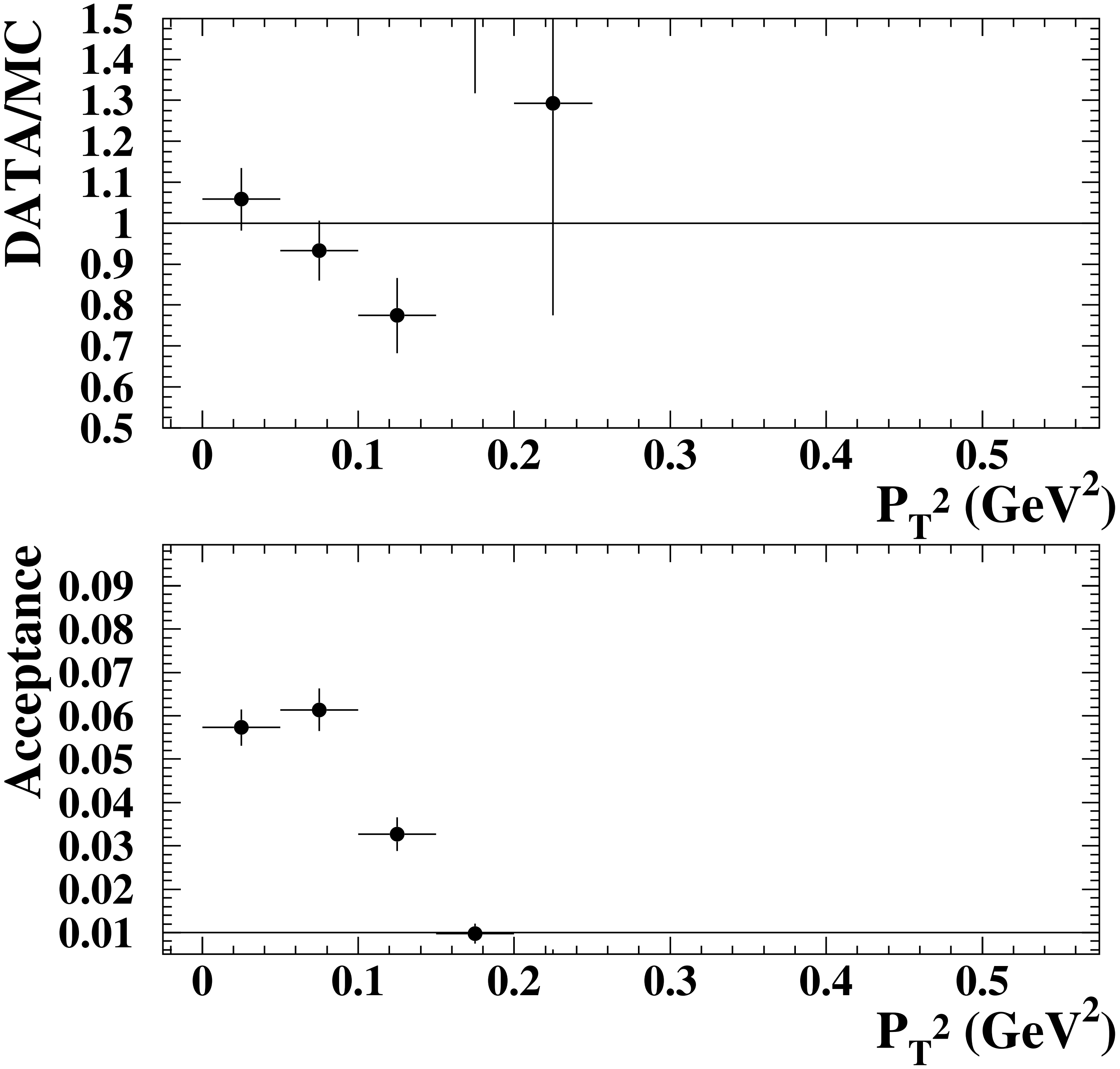
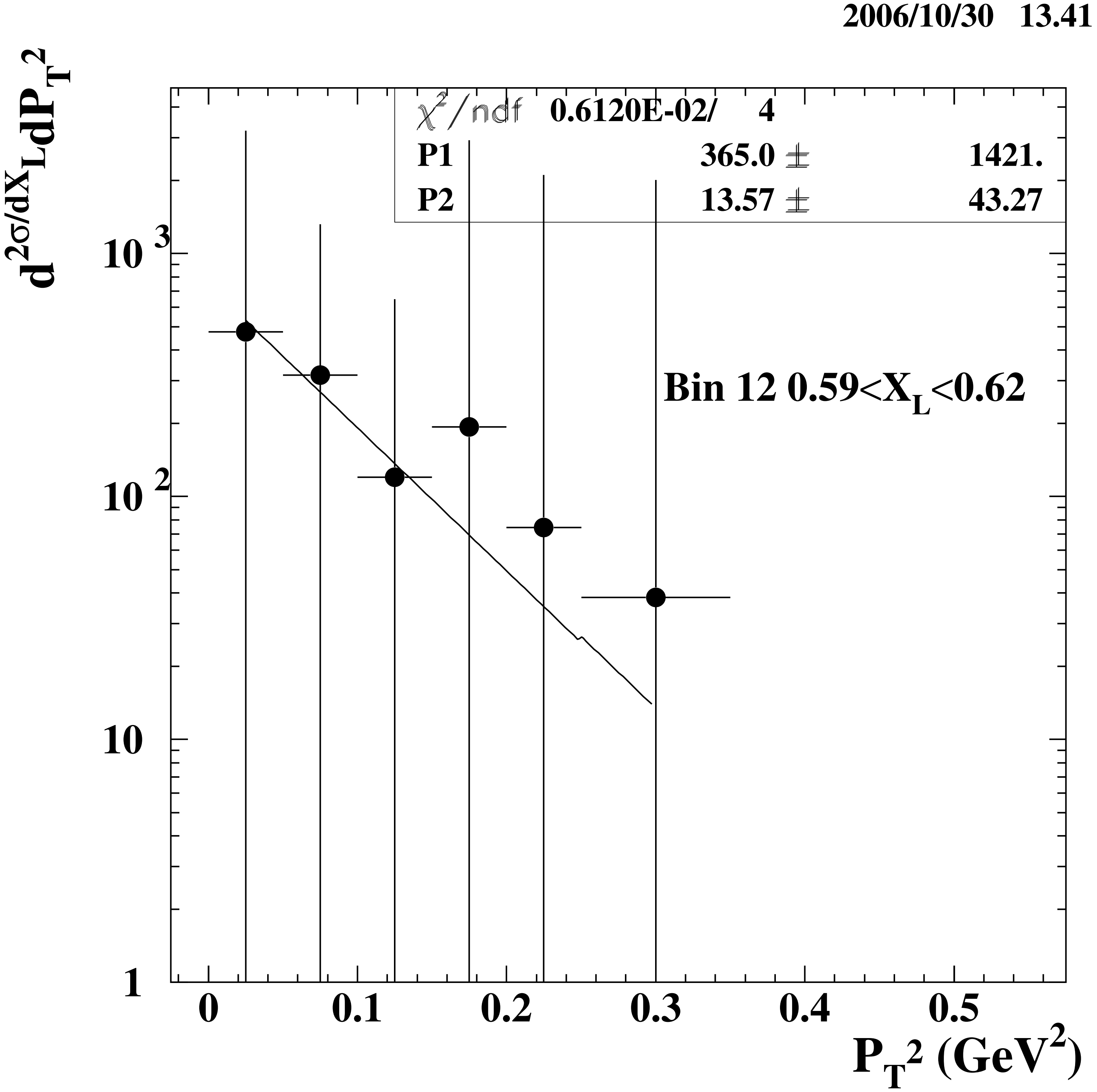


2006/10/30 13.41





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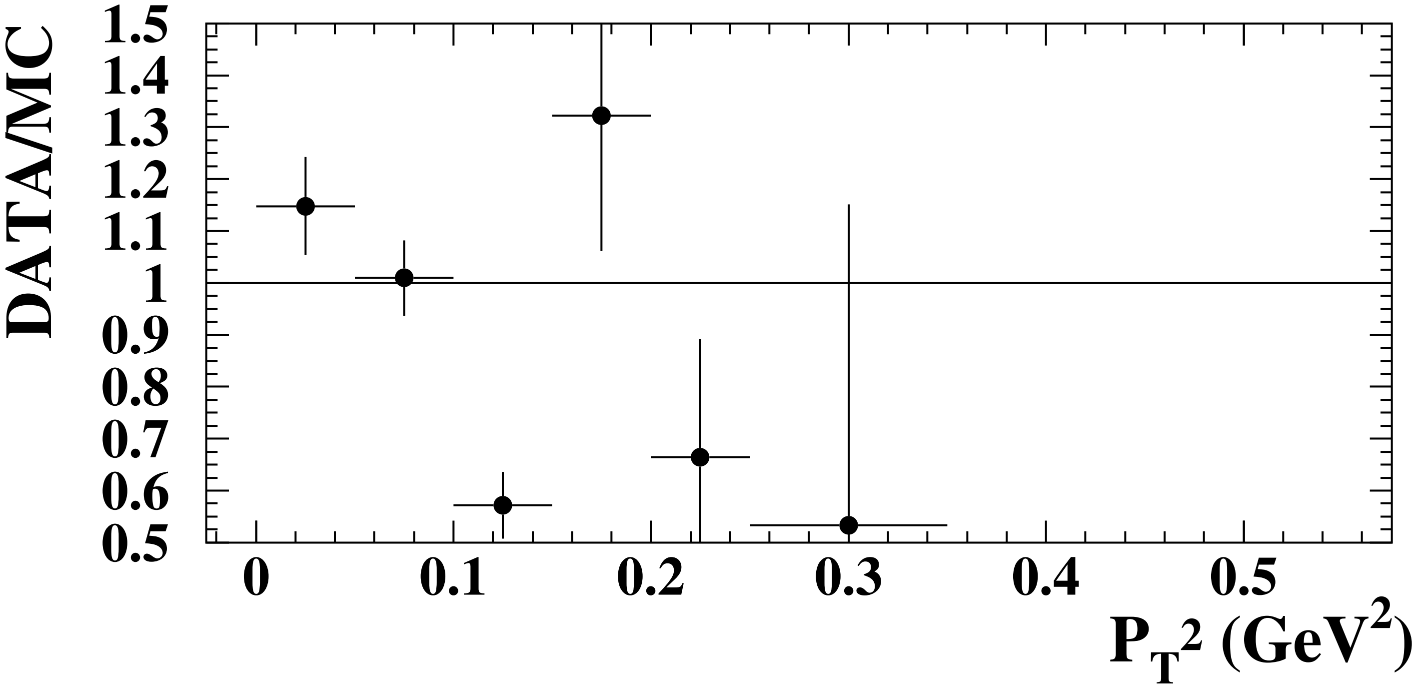
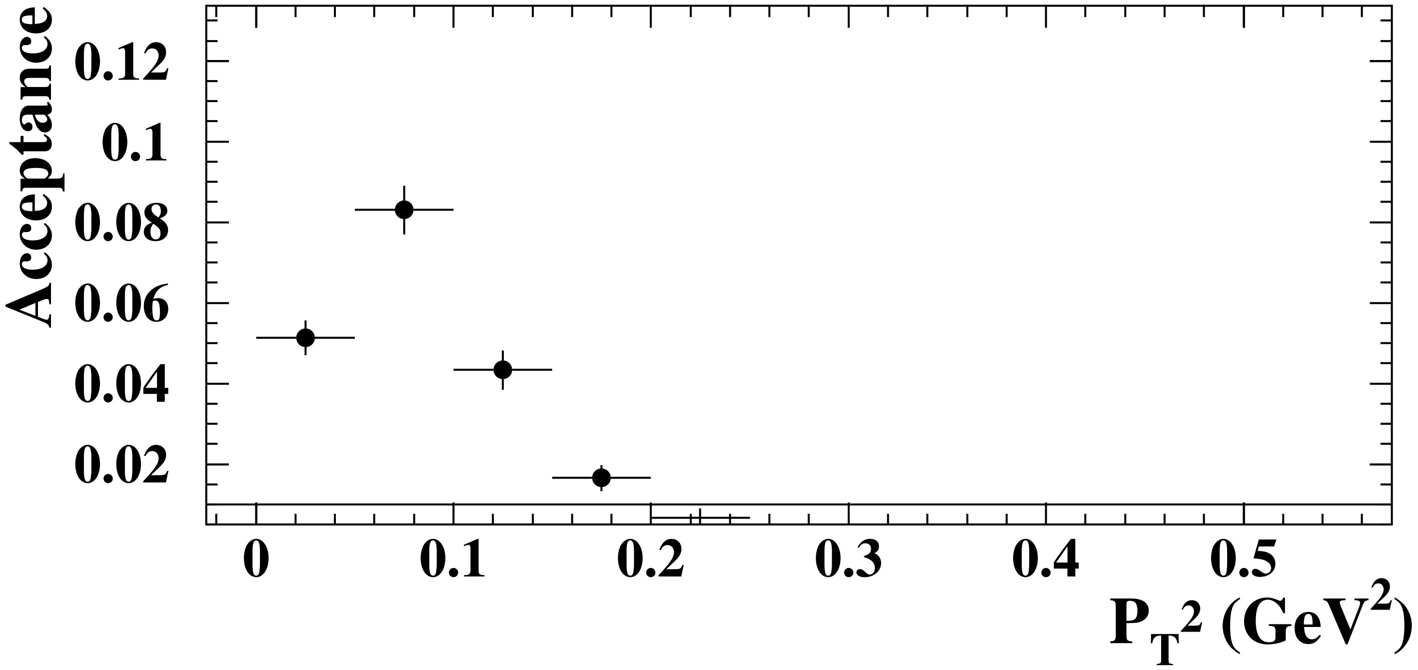
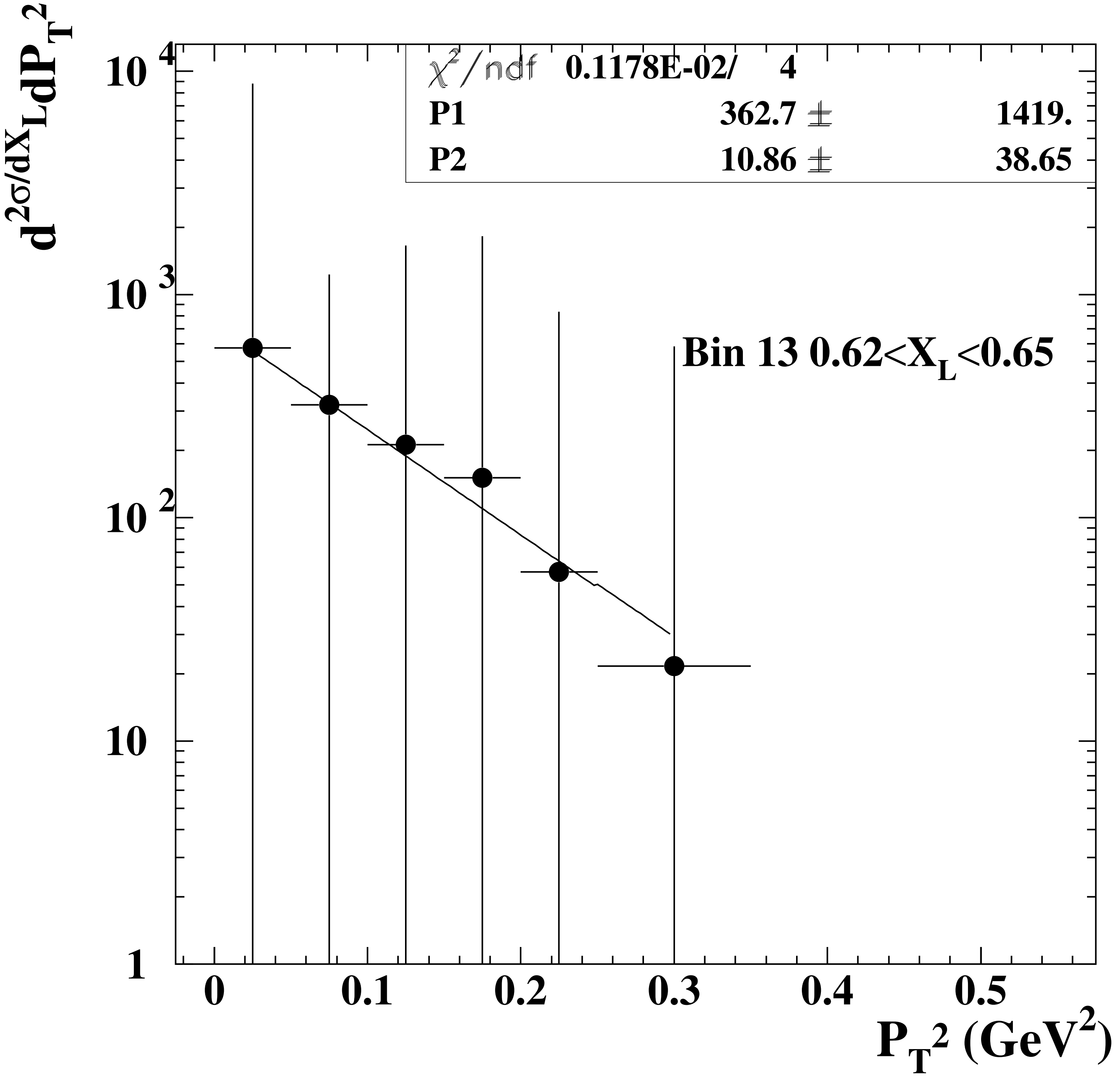
χ^2/ndf 0.6120E-02/ 4
P1 365.0 ± 1421.
P2 13.57 ± 43.27
Bin 12 0.59<X_L<0.62
$d^2\sigma/dX_L dP_T^2$
10^3
10^2
10
1
0
0.1
0.2
0.3
0.4
0.5
P_T^2 (GeV^2)

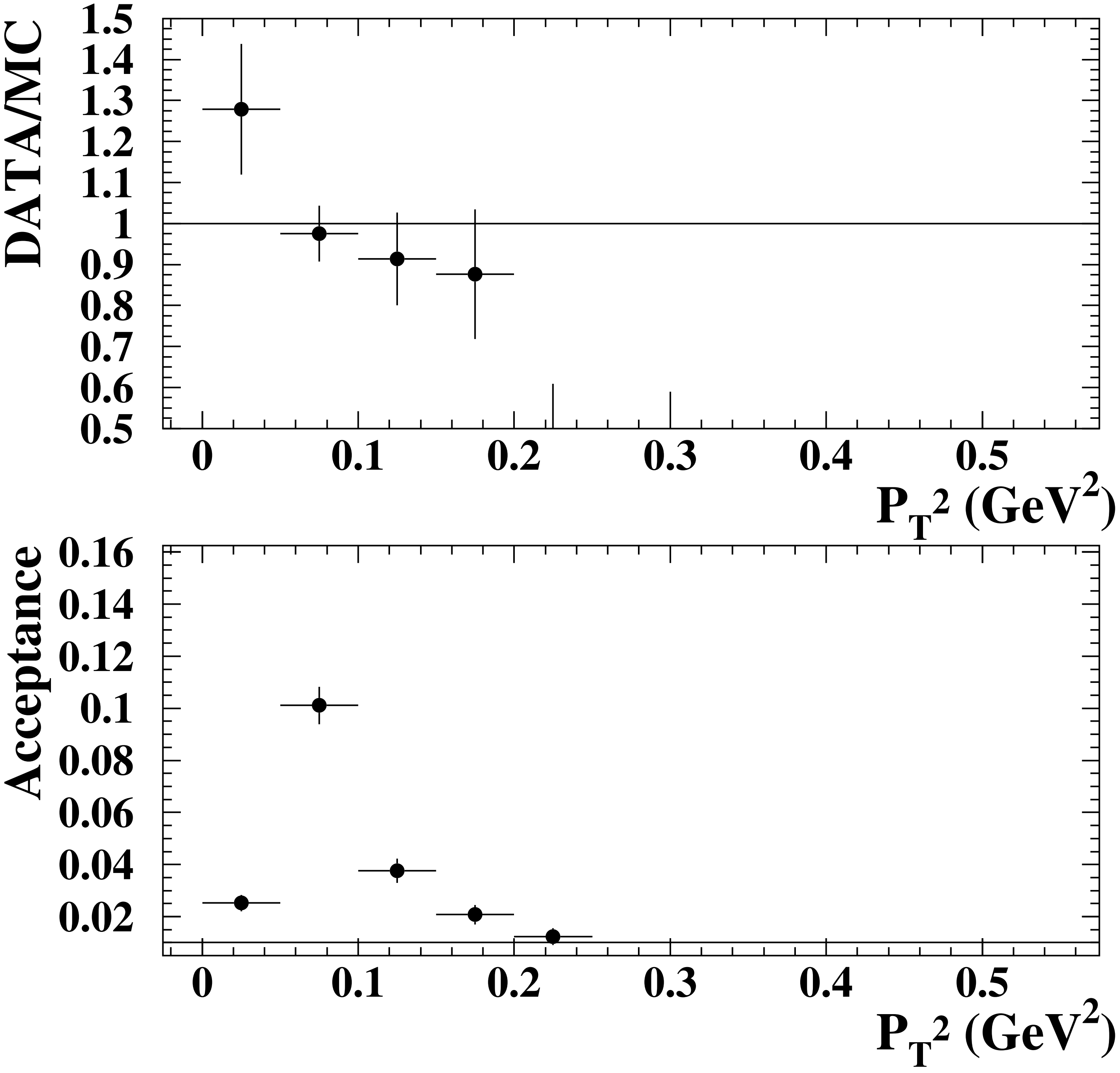

DATA/MC
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0
0.1
0.2
0.3
0.4
0.5
P_T^2 (GeV^2)

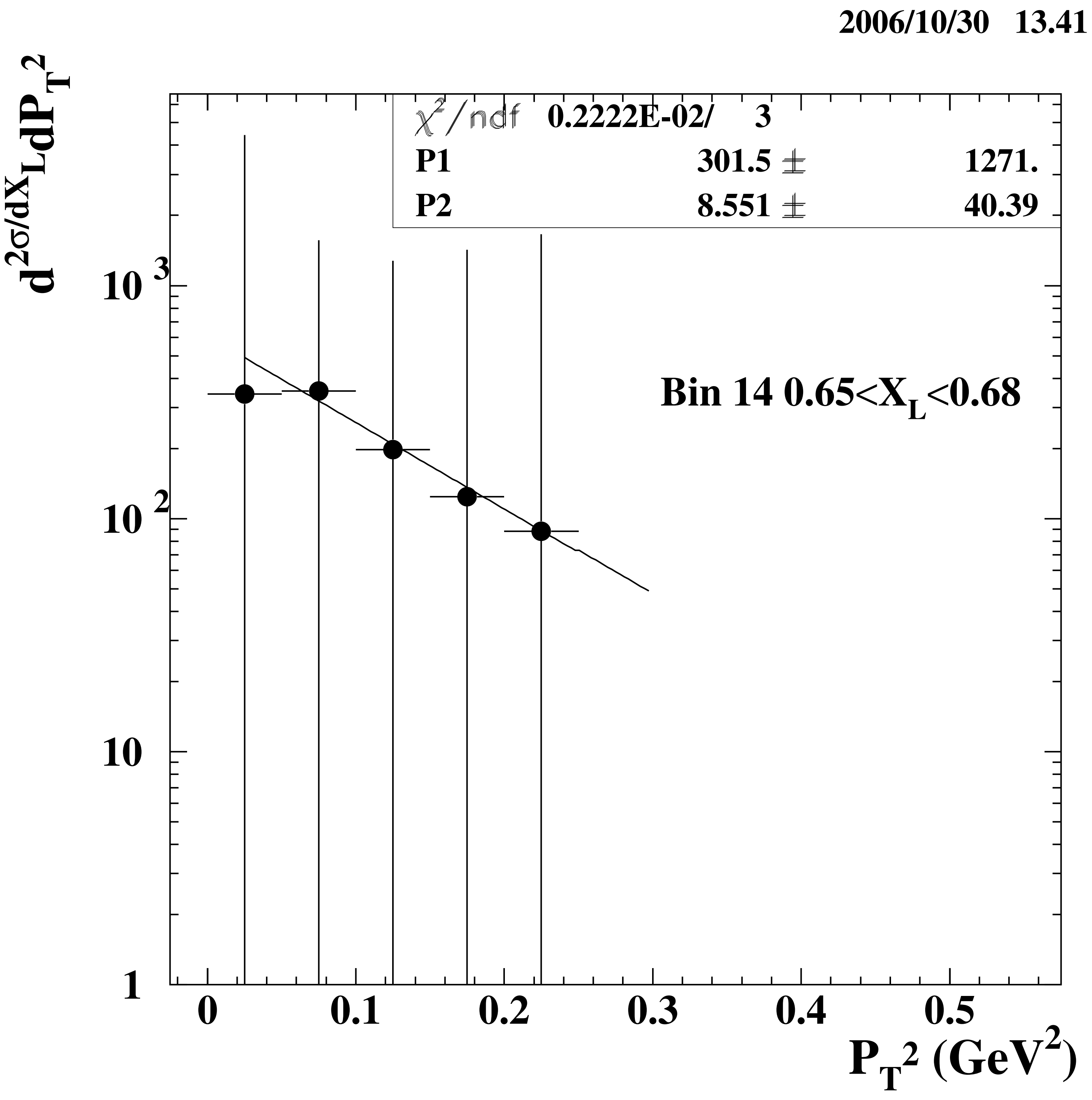

Acceptance
0.12
0.1
0.08
0.06
0.04
0.02
0
0.1
0.2
0.3
0.4
0.5
P_T^2 (GeV^2)

2006/10/30 13.41



2006/10/30 13.41

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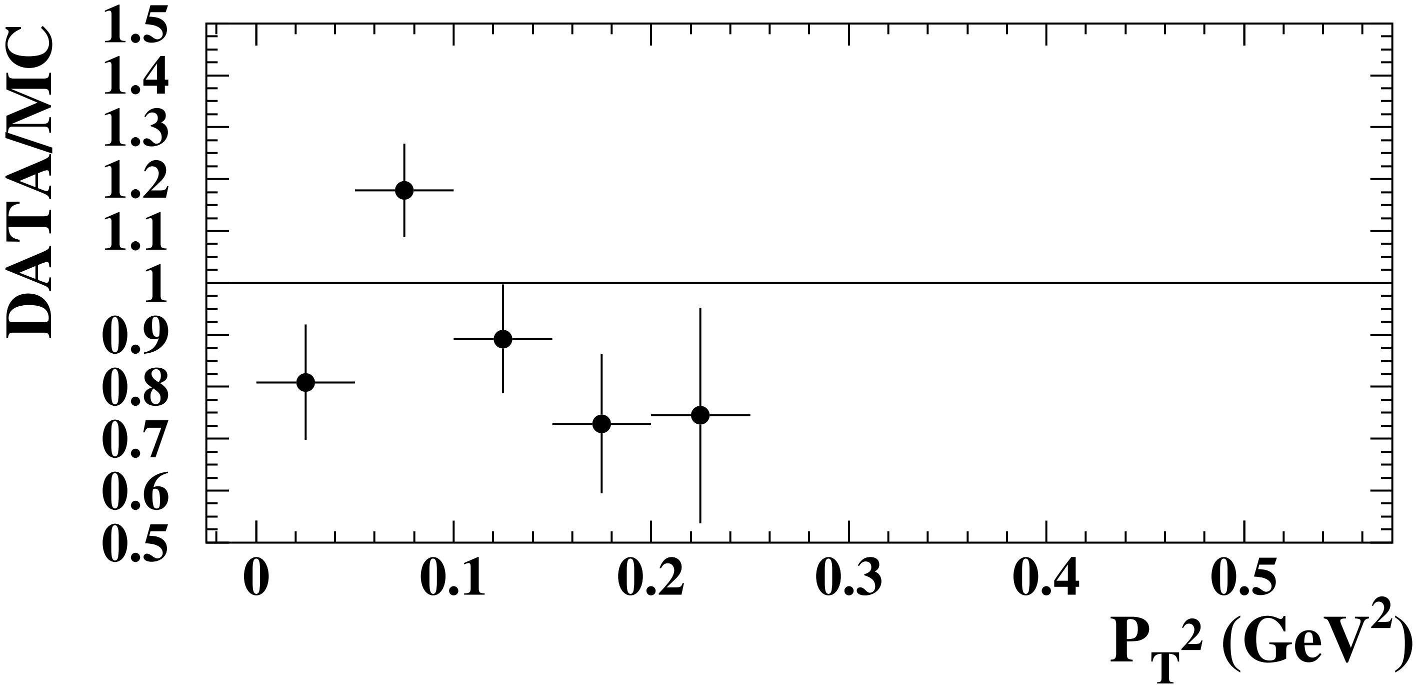
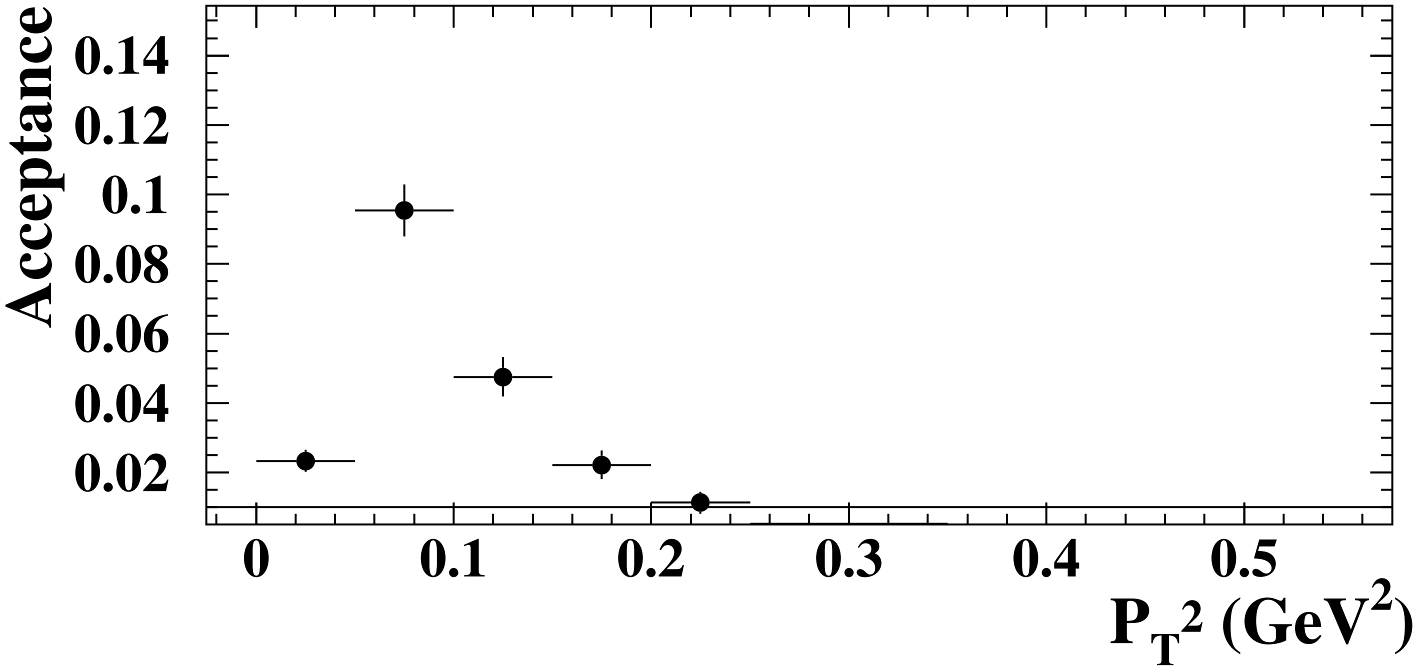
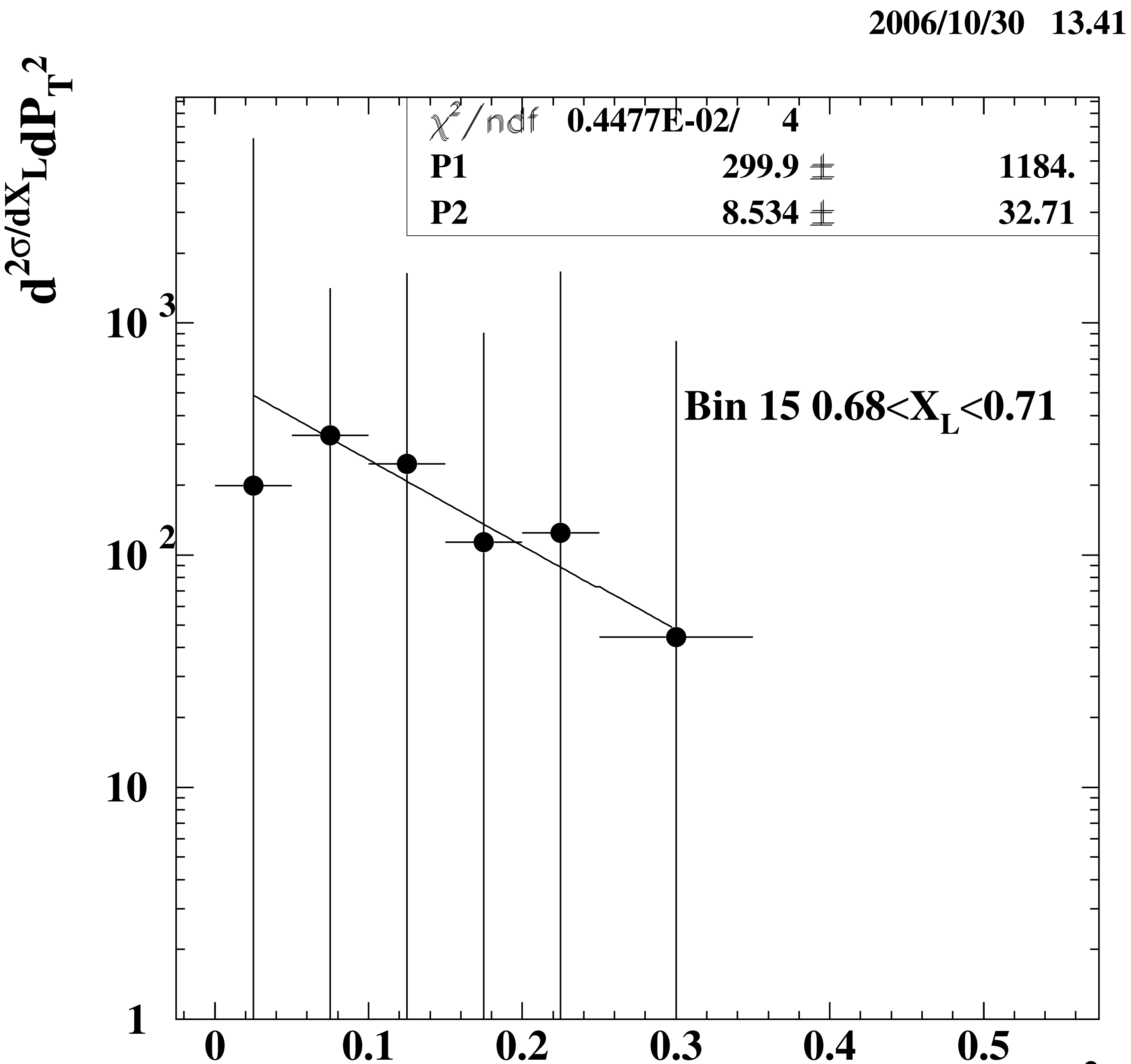
χ^2/ndf 0.2222E-02/ 3
P1 301.5 ± 1271.
P2 8.551 ± 40.39
Bin 14 0.65<X$_L$<0.68
$d^{2\sigma/dX_L dP_T^2}$
10^3
10^2
10
1
0
0.1
0.2
0.3
0.4
0.5
P_T^2 (GeV^2)


DATA/MC
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0
0.1
0.2
0.3
0.4
0.5
$P_T{}^2$ (GeV^2)


Acceptance
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0.1
0.2
0.3
0.4
0.5
$P_T{}^2$ (GeV^2)



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χ^2/ndf 0.4477E-02/ 4
P1 299.9 ± 1184.
P2 8.534 ± 32.71
Bin 15 0.68<X_L<0.71
$d^2\sigma/dX_LdP_T^2$
P_T^2 (GeV^2)

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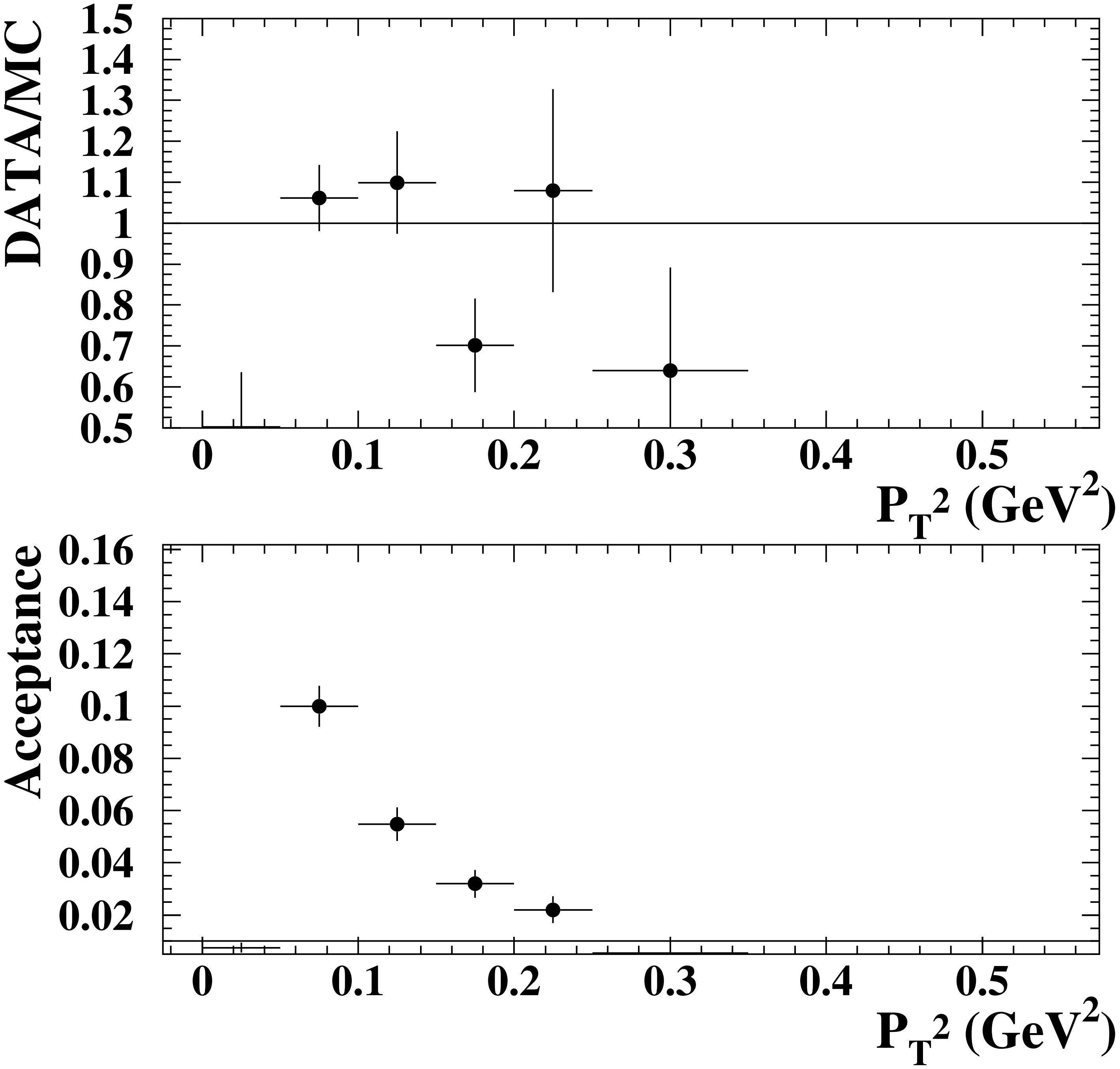

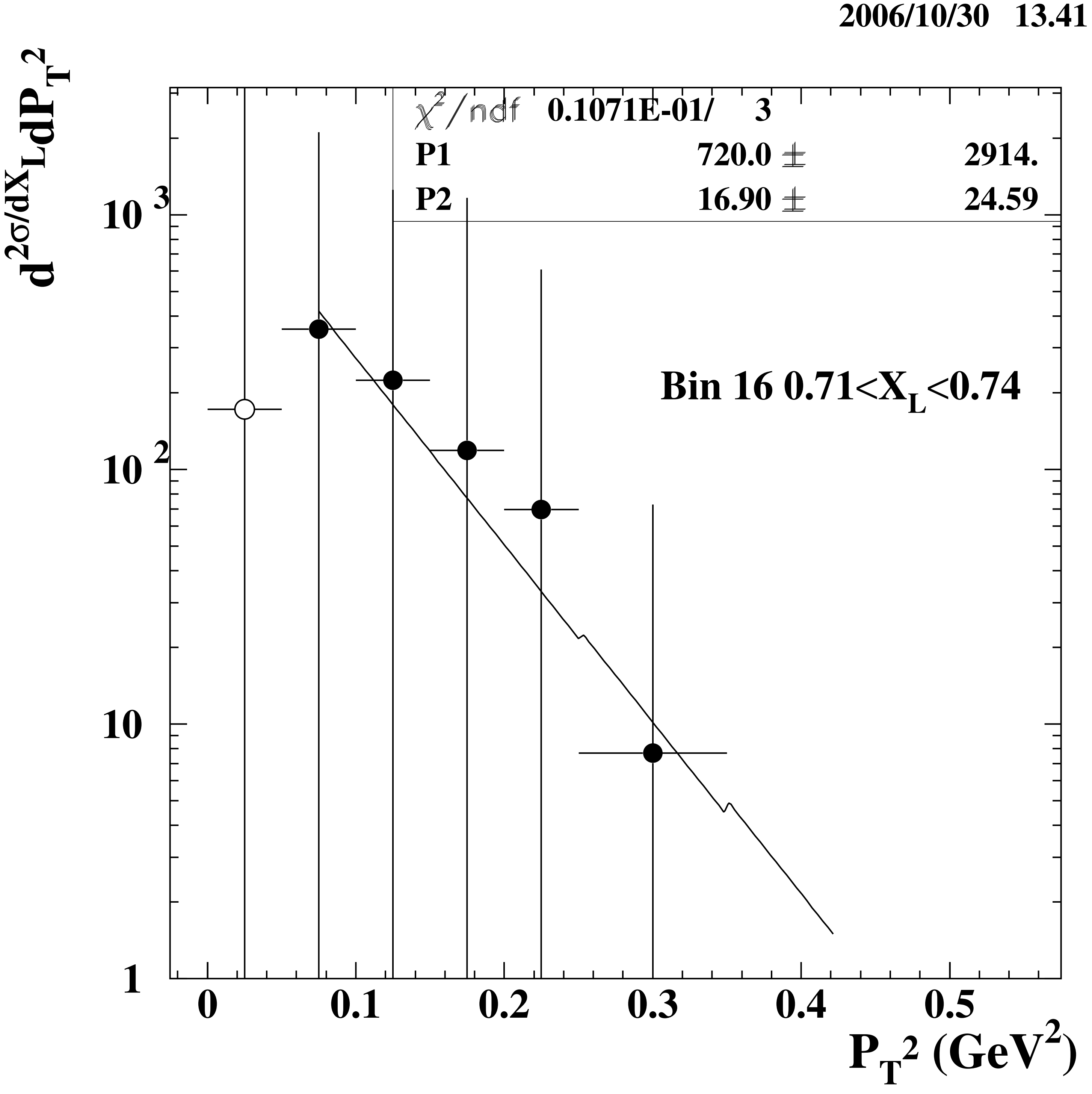

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χ^2/ndf 0.1071E-01/ 3
P1 720.0 ± 2914.
P2 16.90 ± 24.59
Bin 16 0.71<X_L<0.74
$d^{2}\sigma/dX_L dP_T^2$
P_T^2 (GeV^2)

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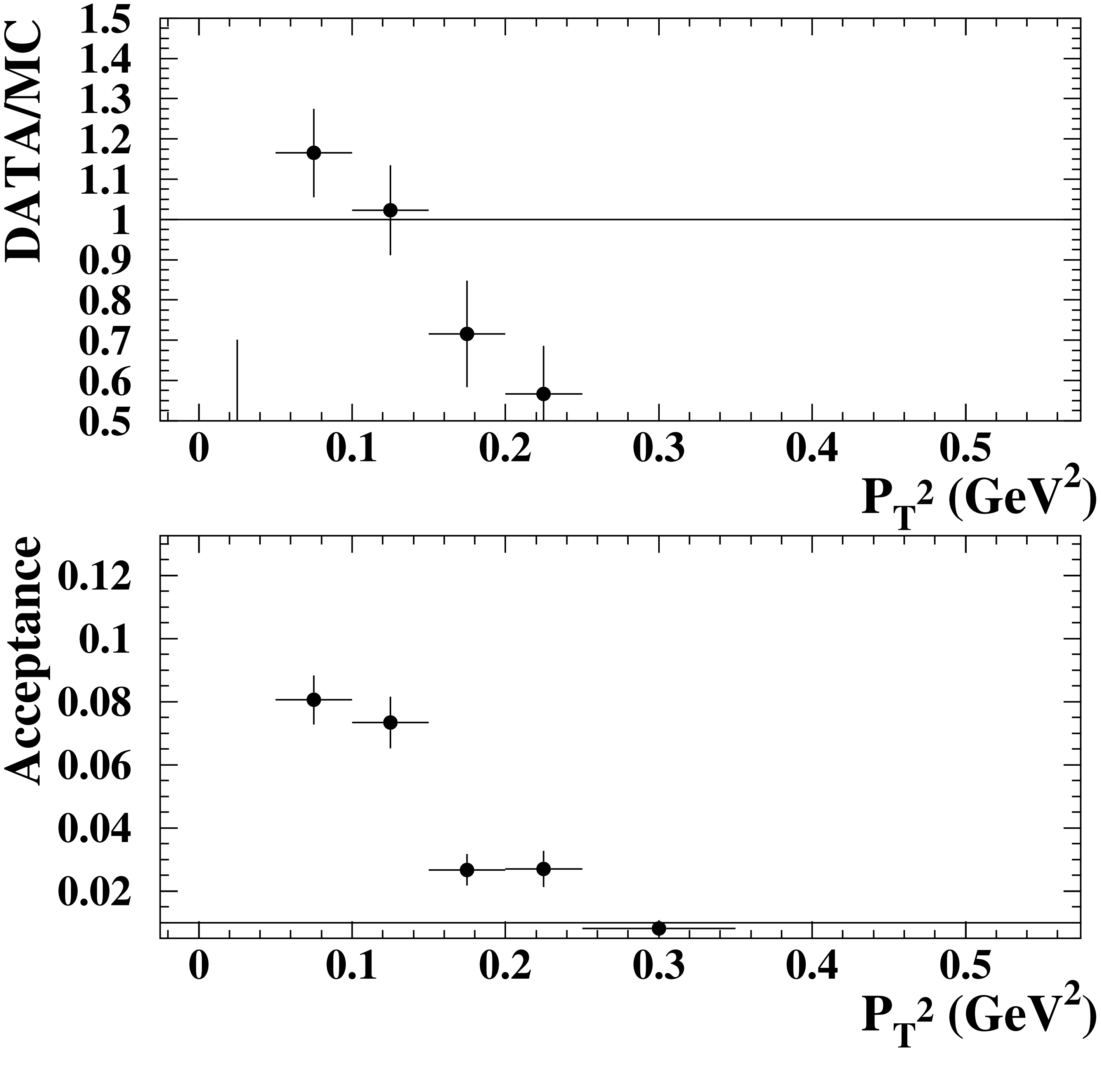
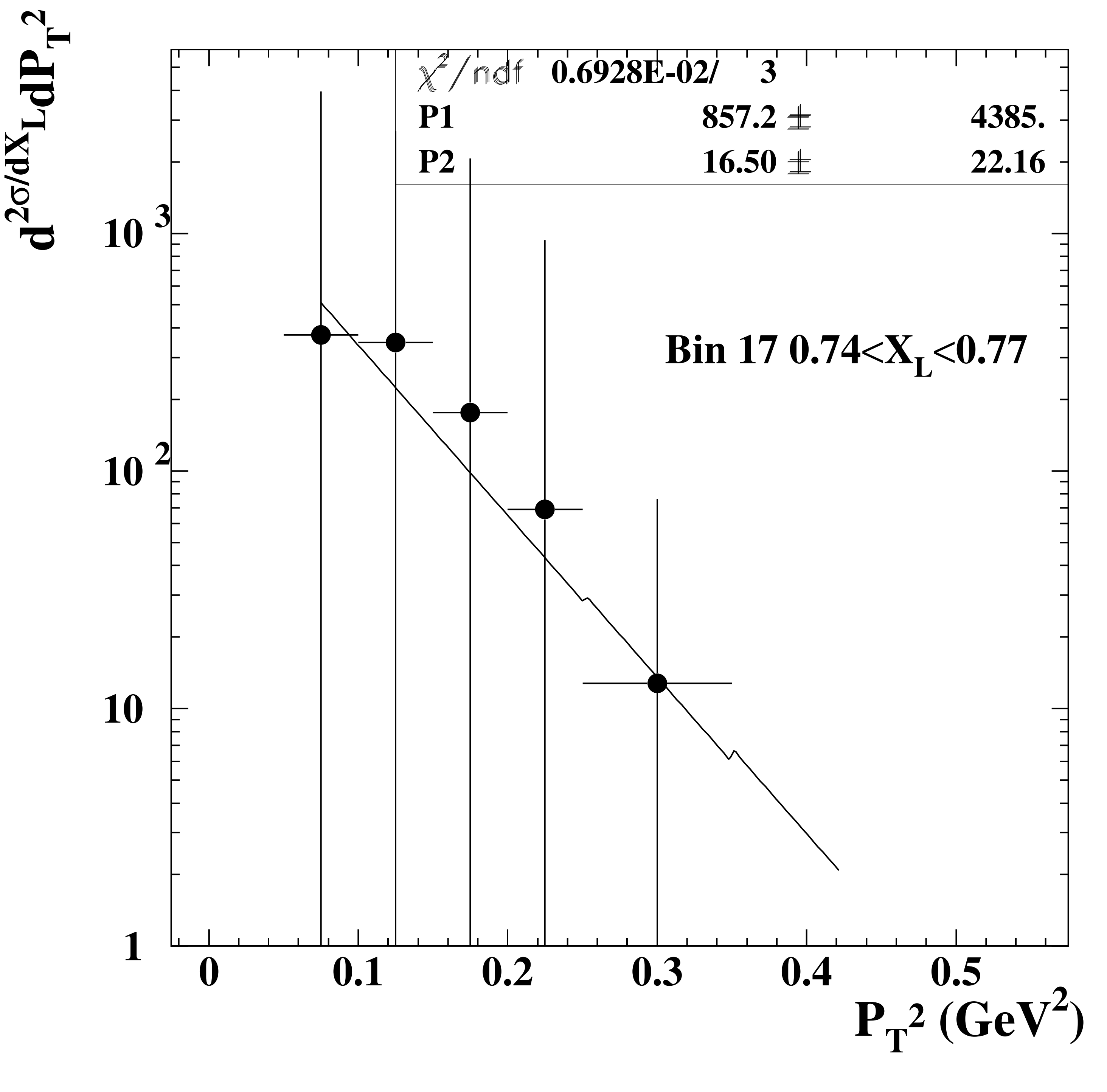
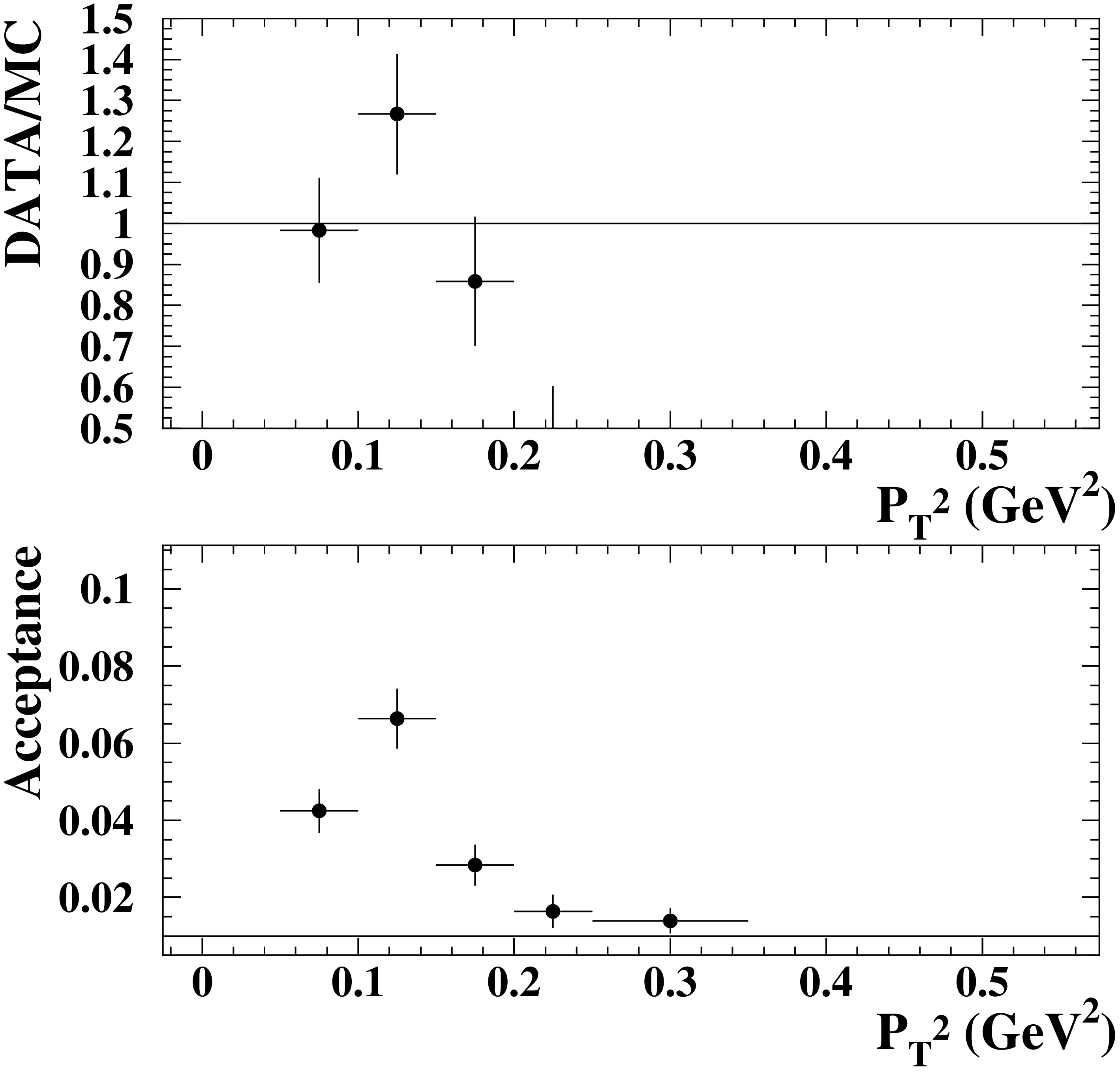


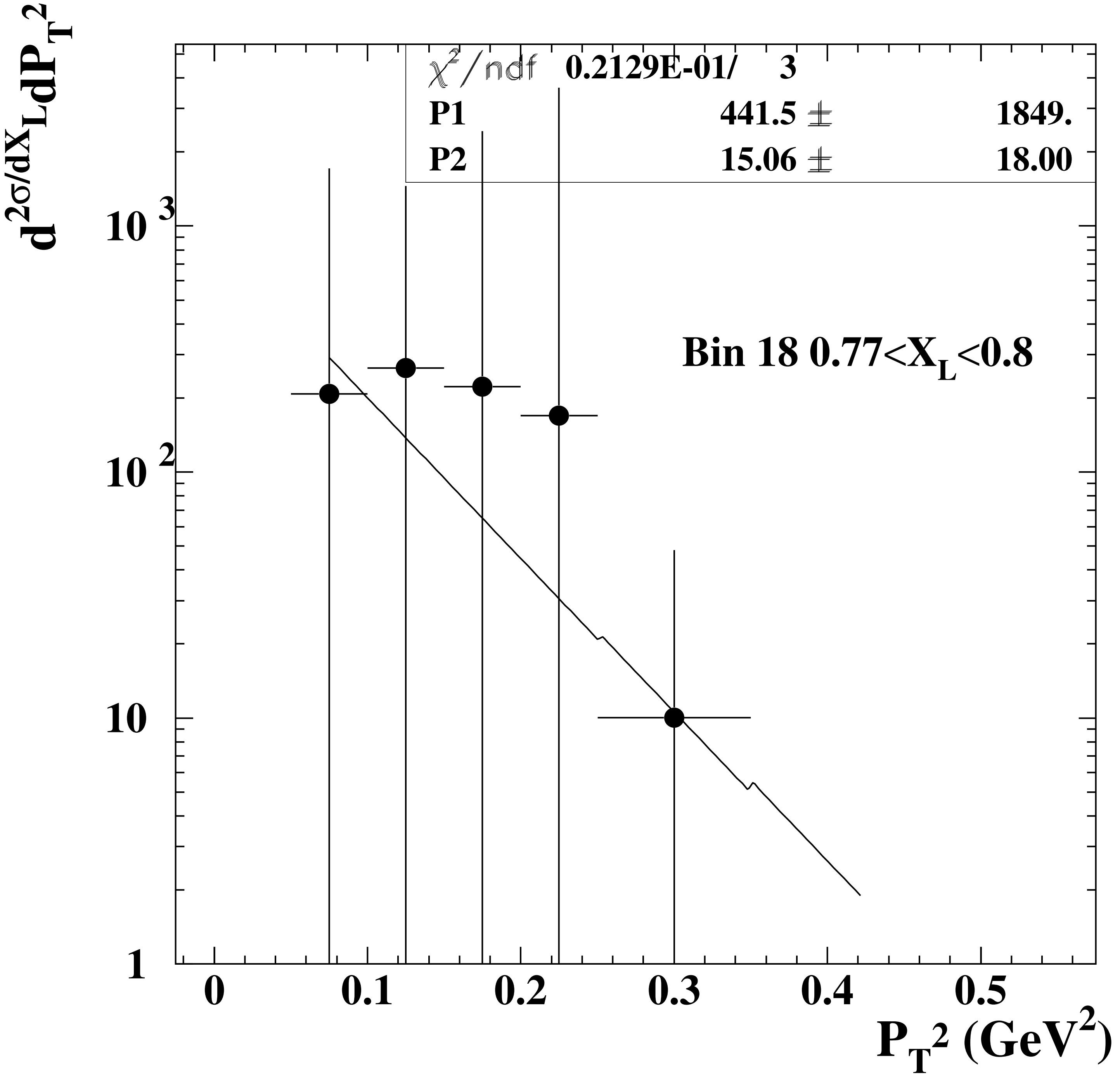


χ^2/ndf 0.6928E-02/ 3
P1 857.2 ± 4385.
P2 16.50 ± 22.16
Bin 17 0.74<X_L<0.77
$d^2\sigma/dX_L dP_T^2$
P_T^2 (GeV^2)
1
10
10^2
10^3
0
0.1
0.2
0.3
0.4
0.5

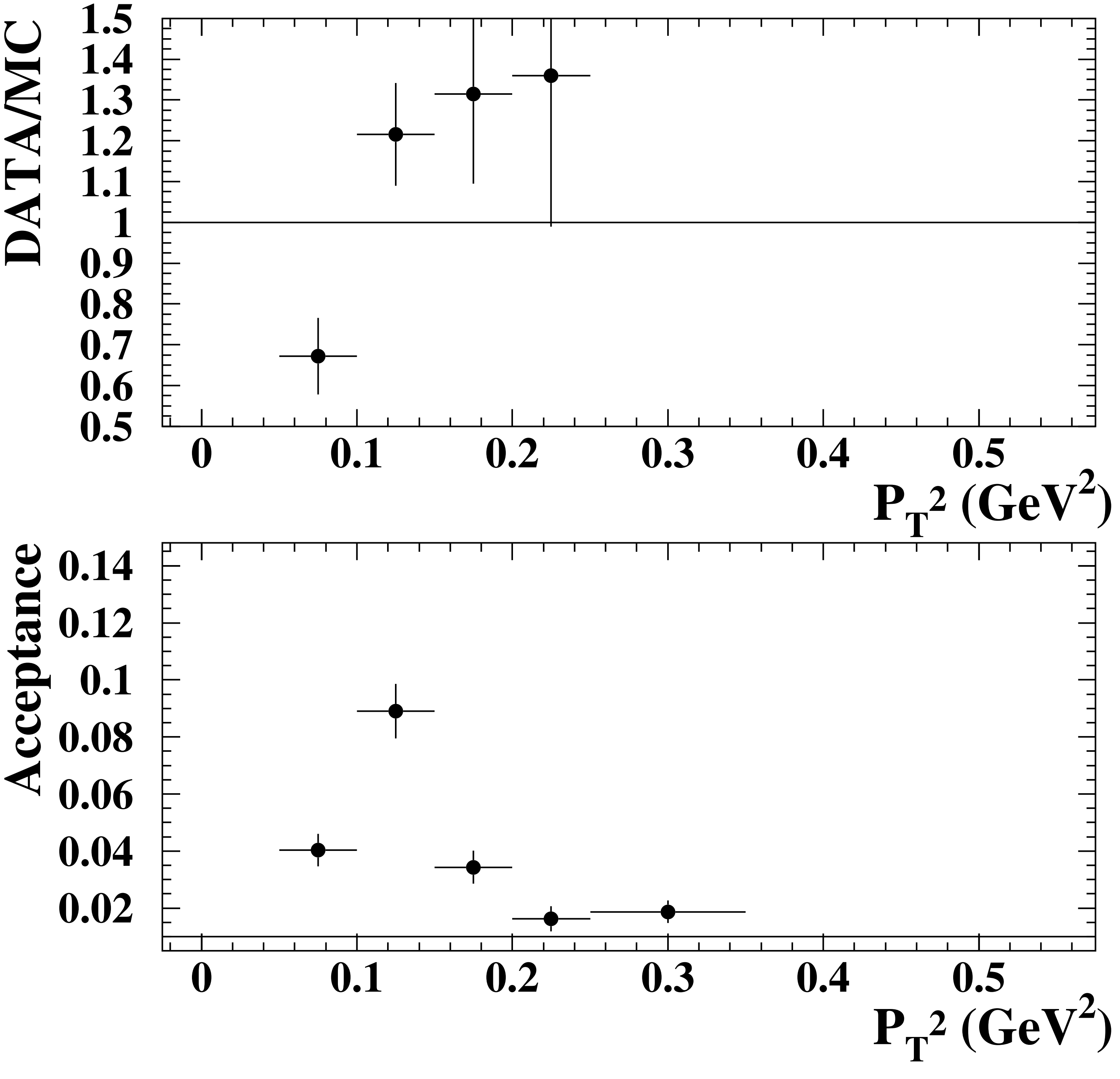
2006/10/30 13.41



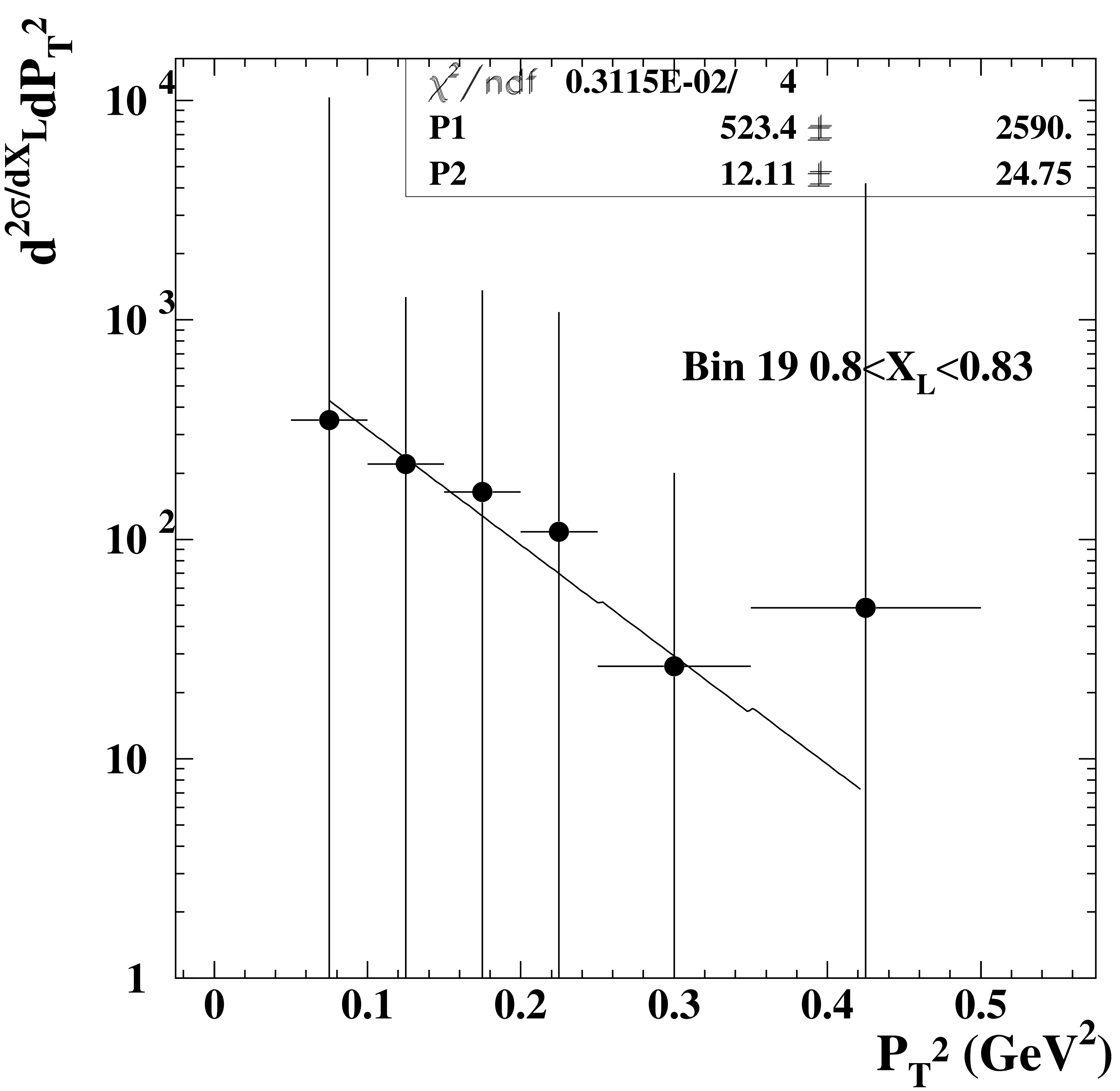
2006/10/30   13.41



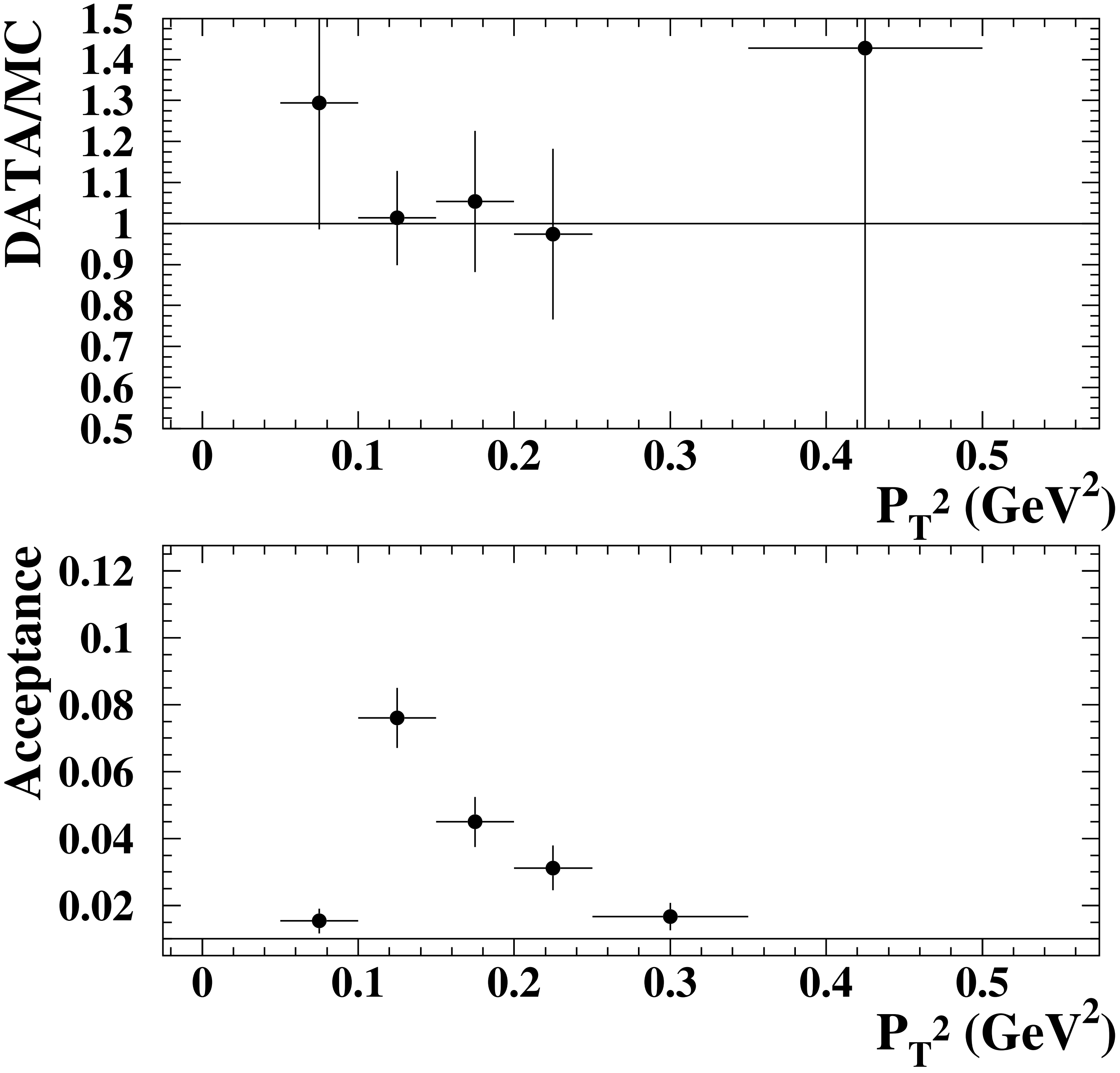
2006/10/30 13.41

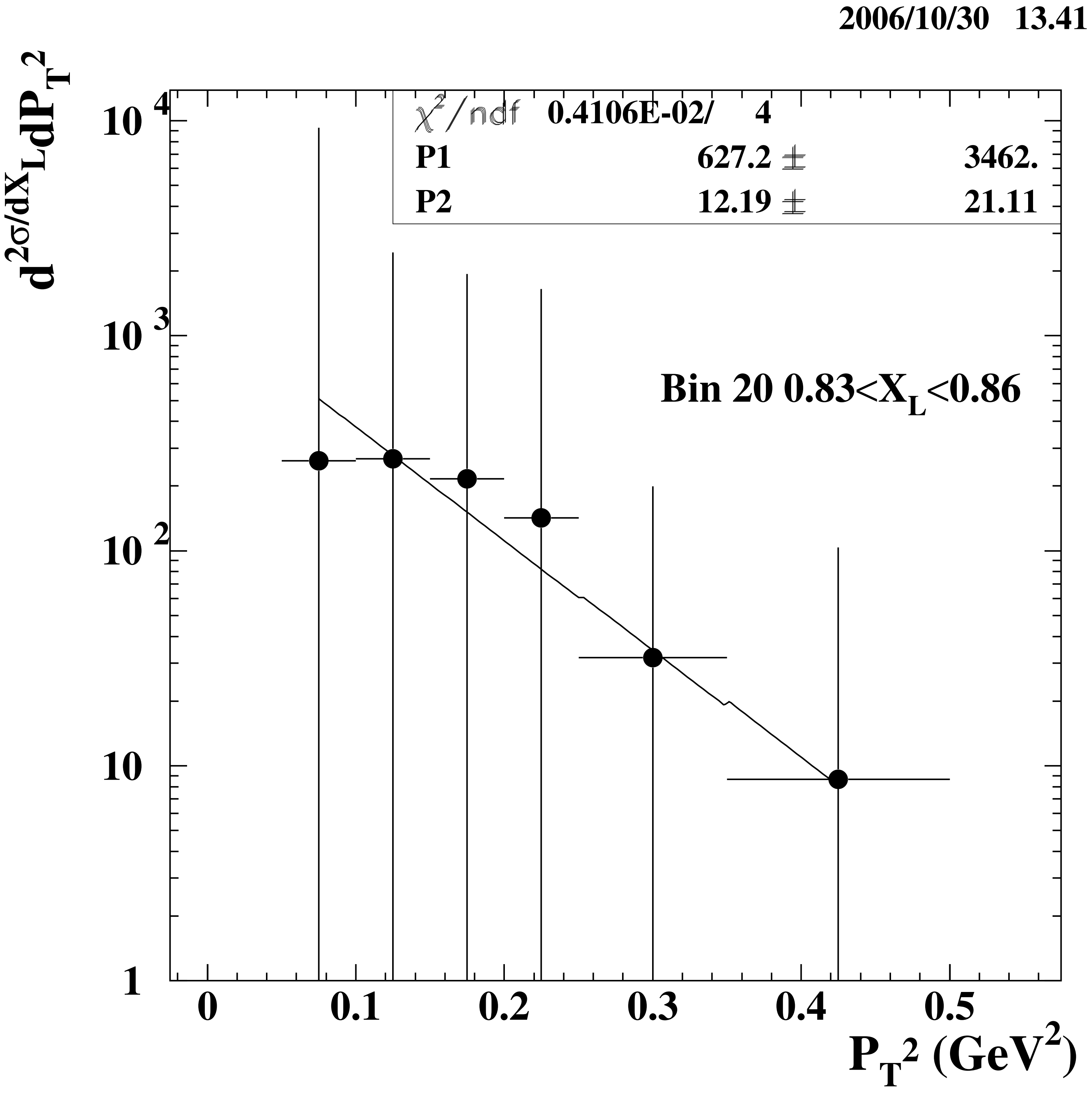


2006/10/30 13.41



2006/10/30 13.41





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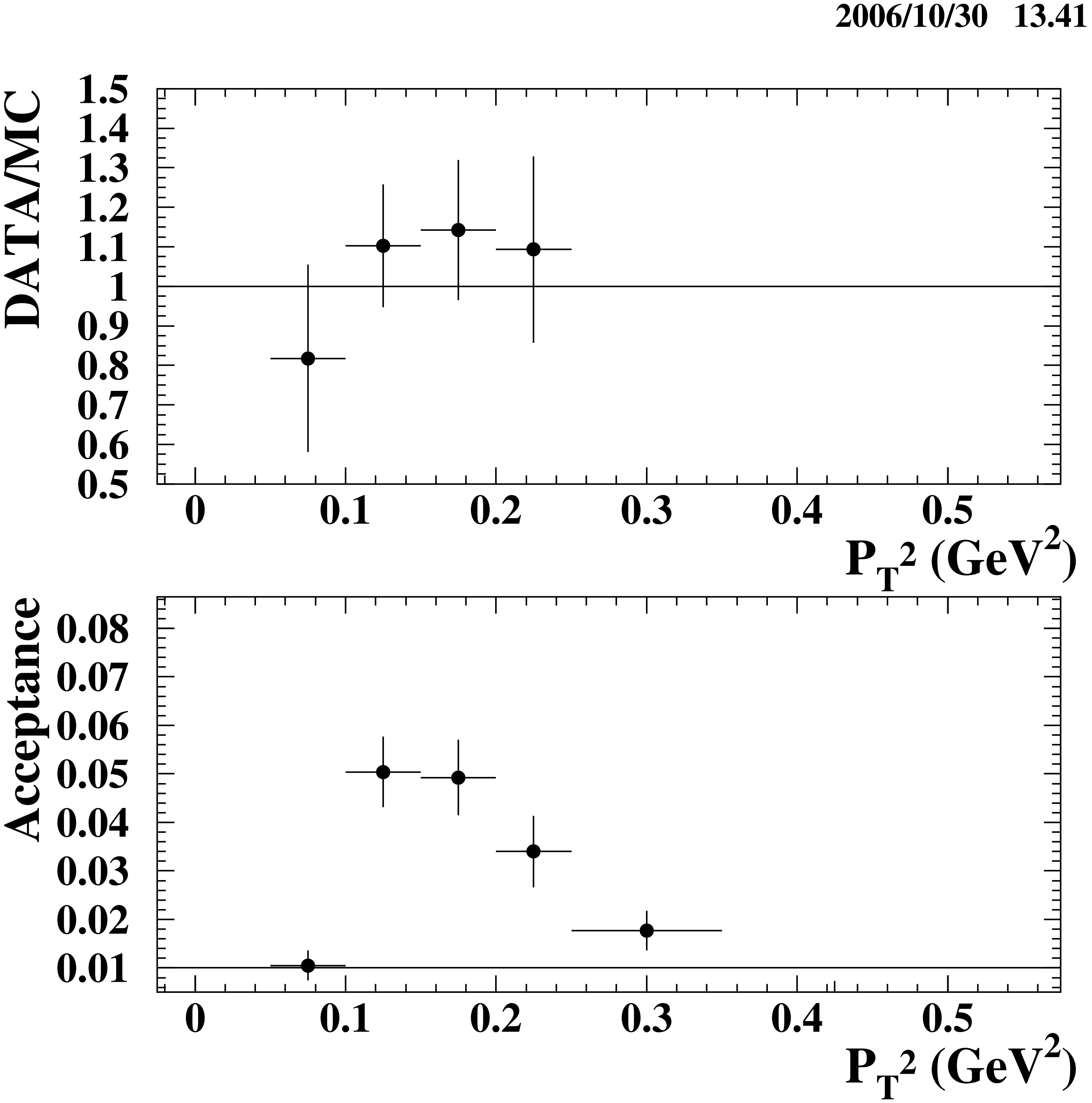
$d^{2\sigma/dX_L dP_T^2}$
χ^2/ndf 0.4106E-02/ 4
P1 627.2 ± 3462.
P2 12.19 ± 21.11
Bin 20 0.83<X_L<0.86
10^4
10^3
10^2
10
1
0
0.1
0.2
0.3
0.4
0.5
P_T^2 (GeV^2)


2006/10/30 13.41
DATA/MC
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0
0.1
0.2
0.3
0.4
0.5
$P_T{}^2$ (GeV^2)
Acceptance
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0.1
0.2
0.3
0.4
0.5
$P_T{}^2$ (GeV^2)

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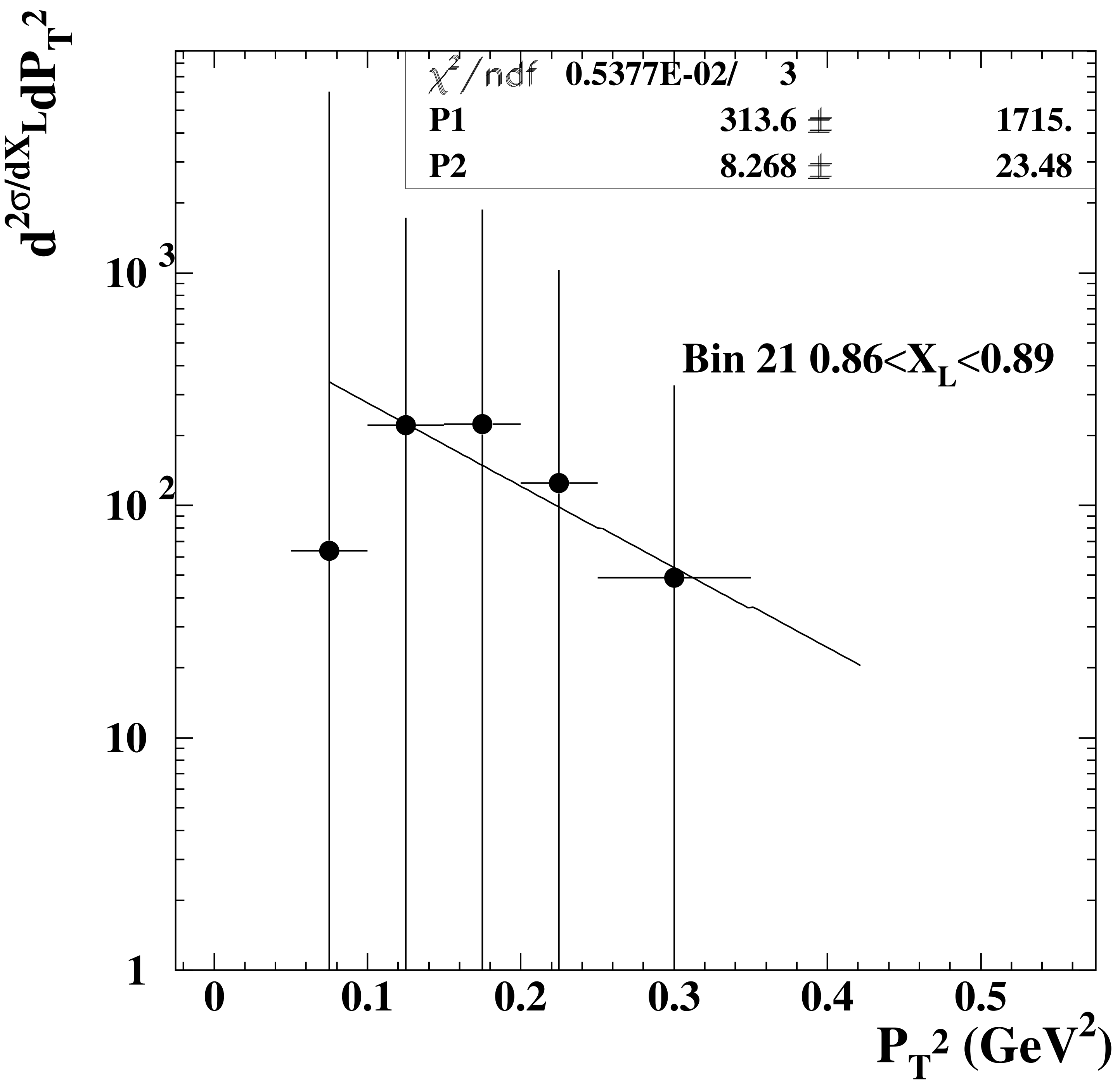

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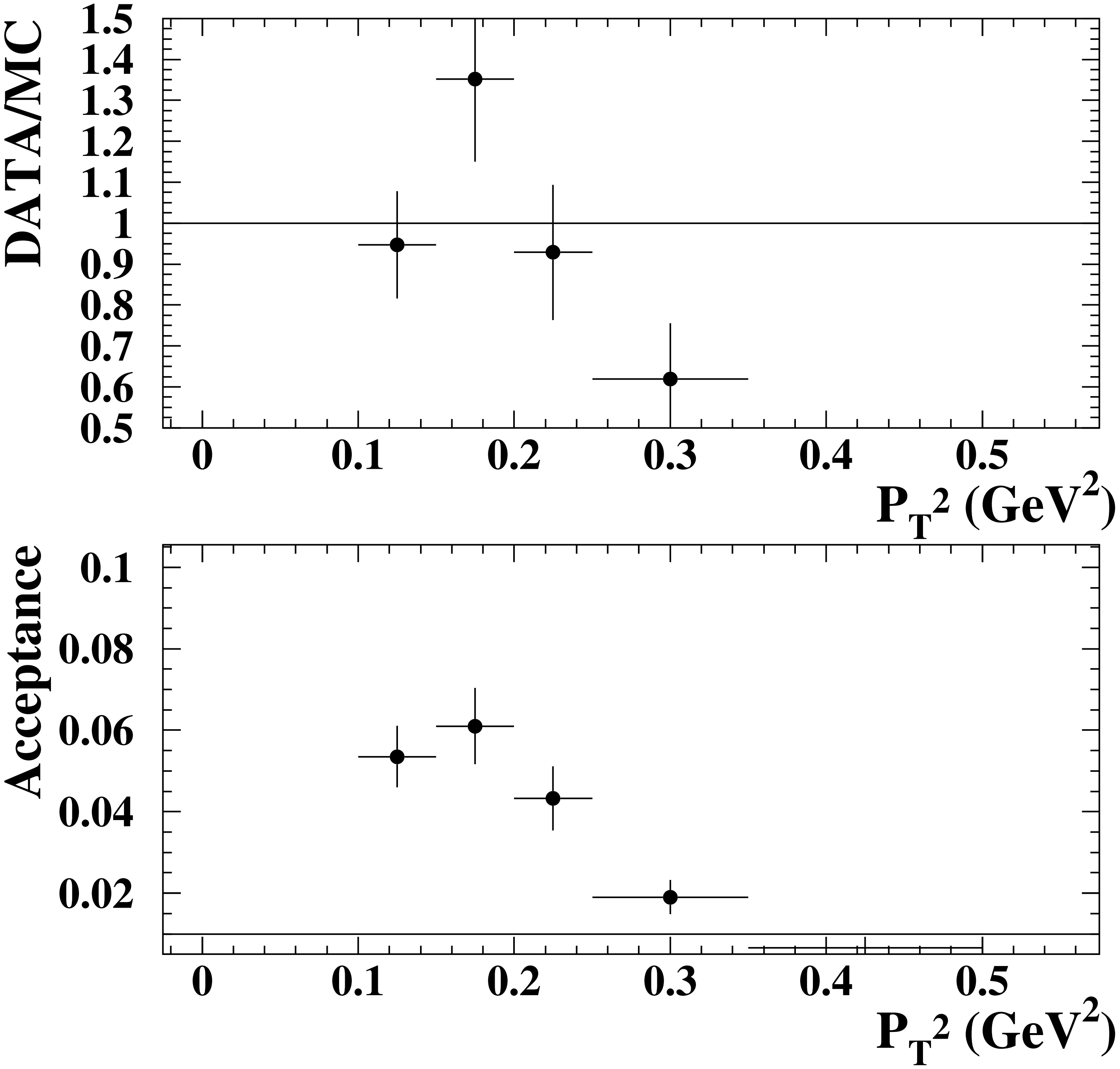
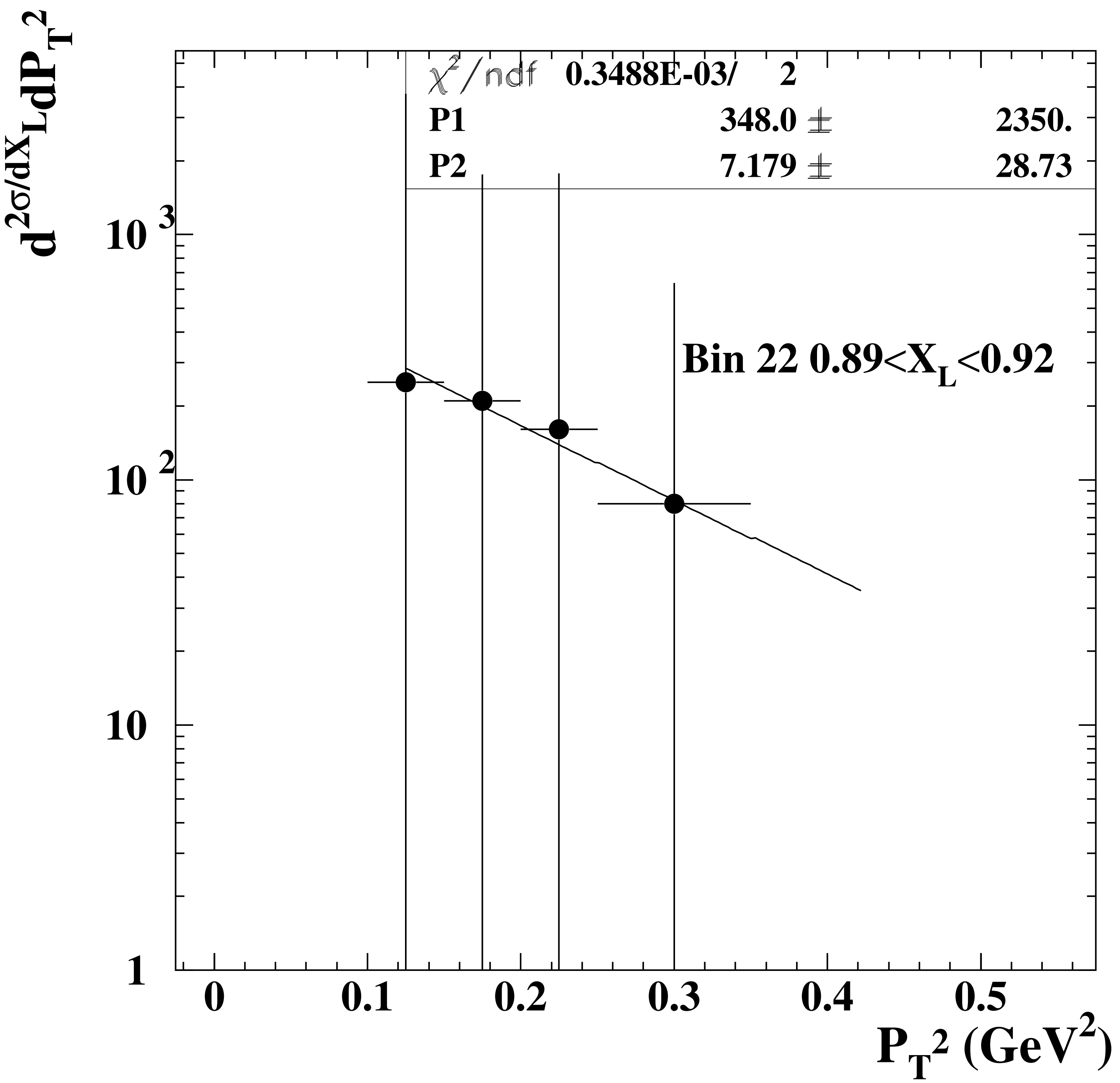
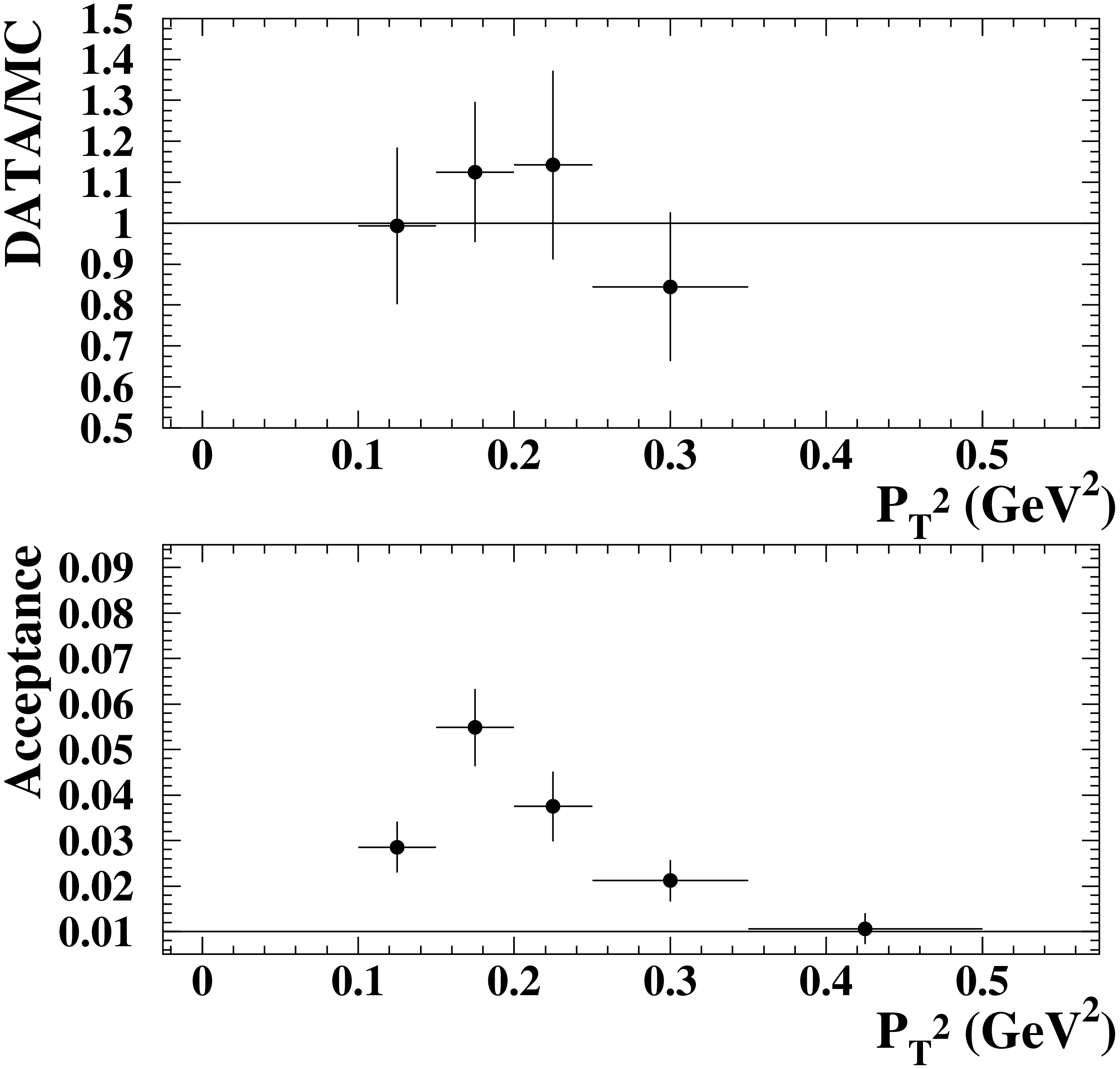


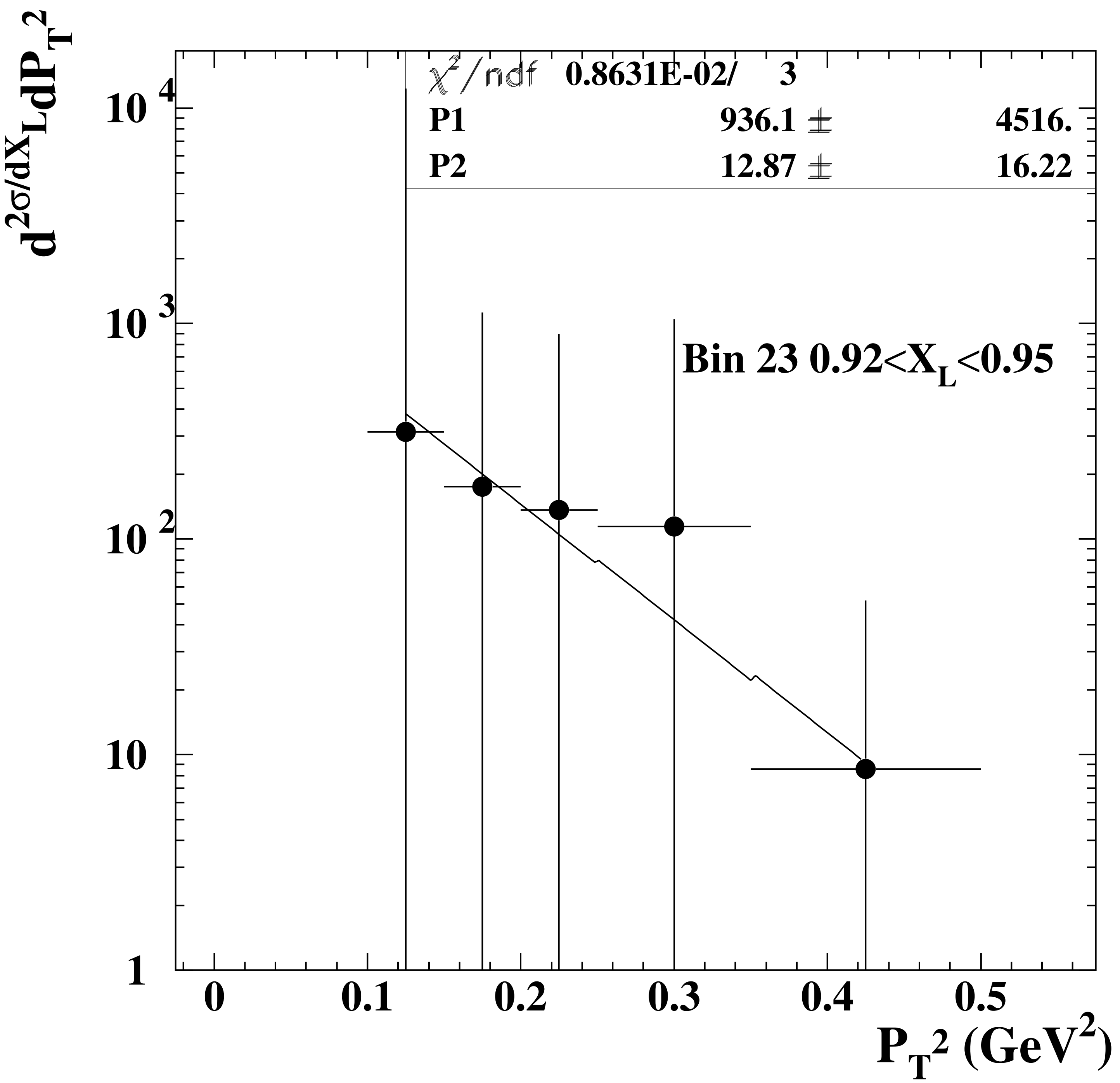
2006/10/30 13.41



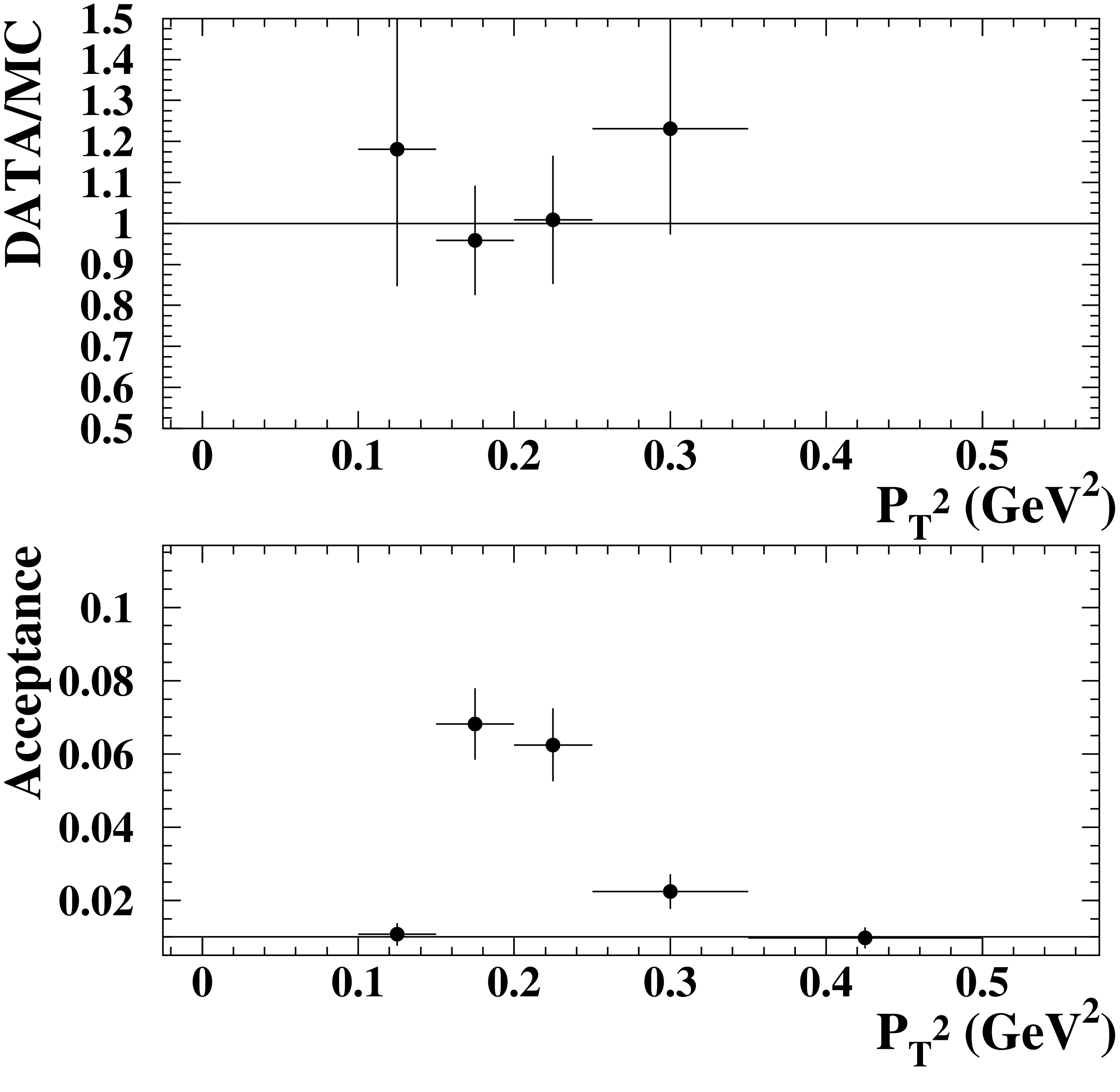
2006/10/30   13.41



2006/10/30 13.41



2006/10/30 13.41



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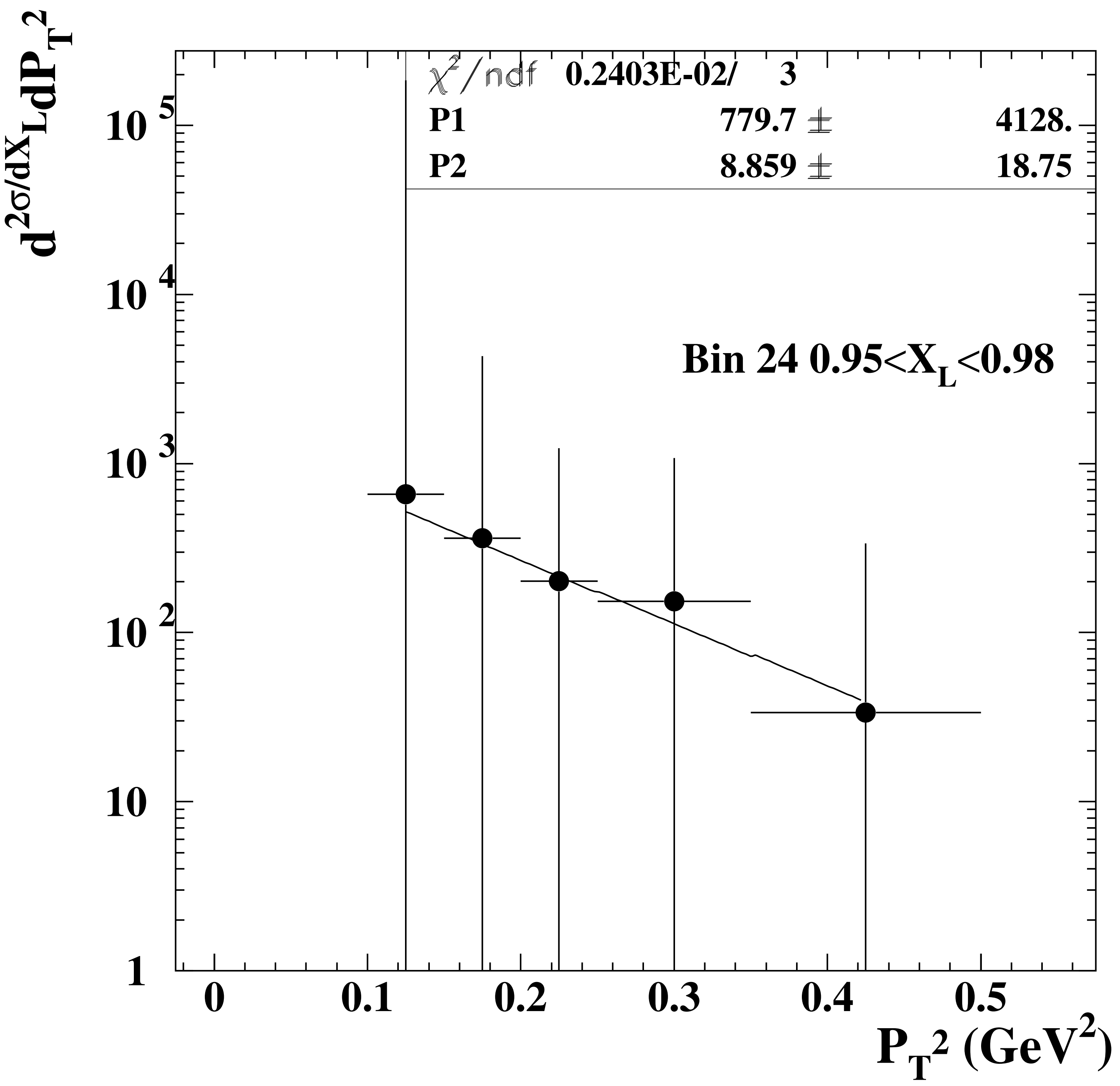

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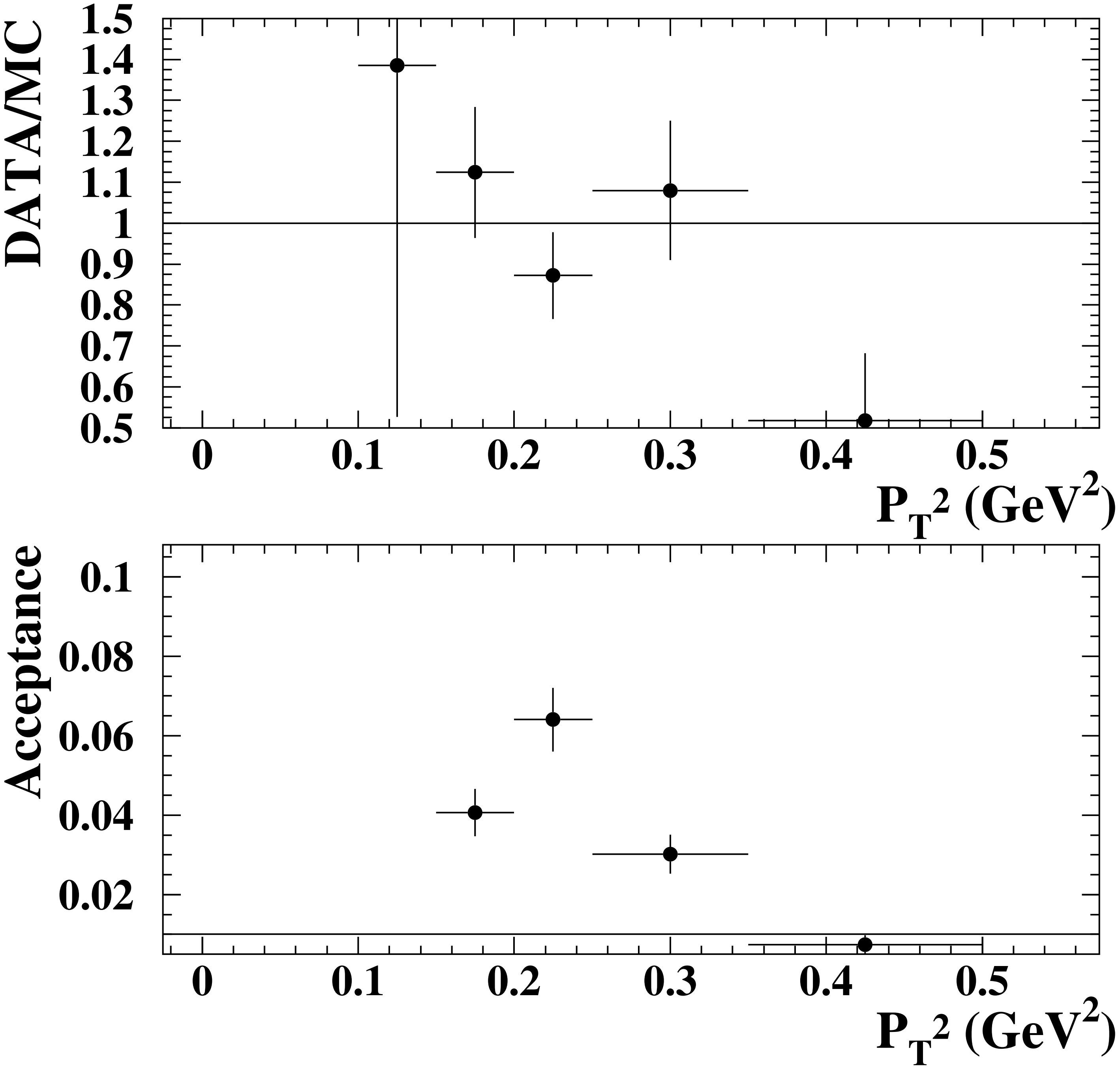
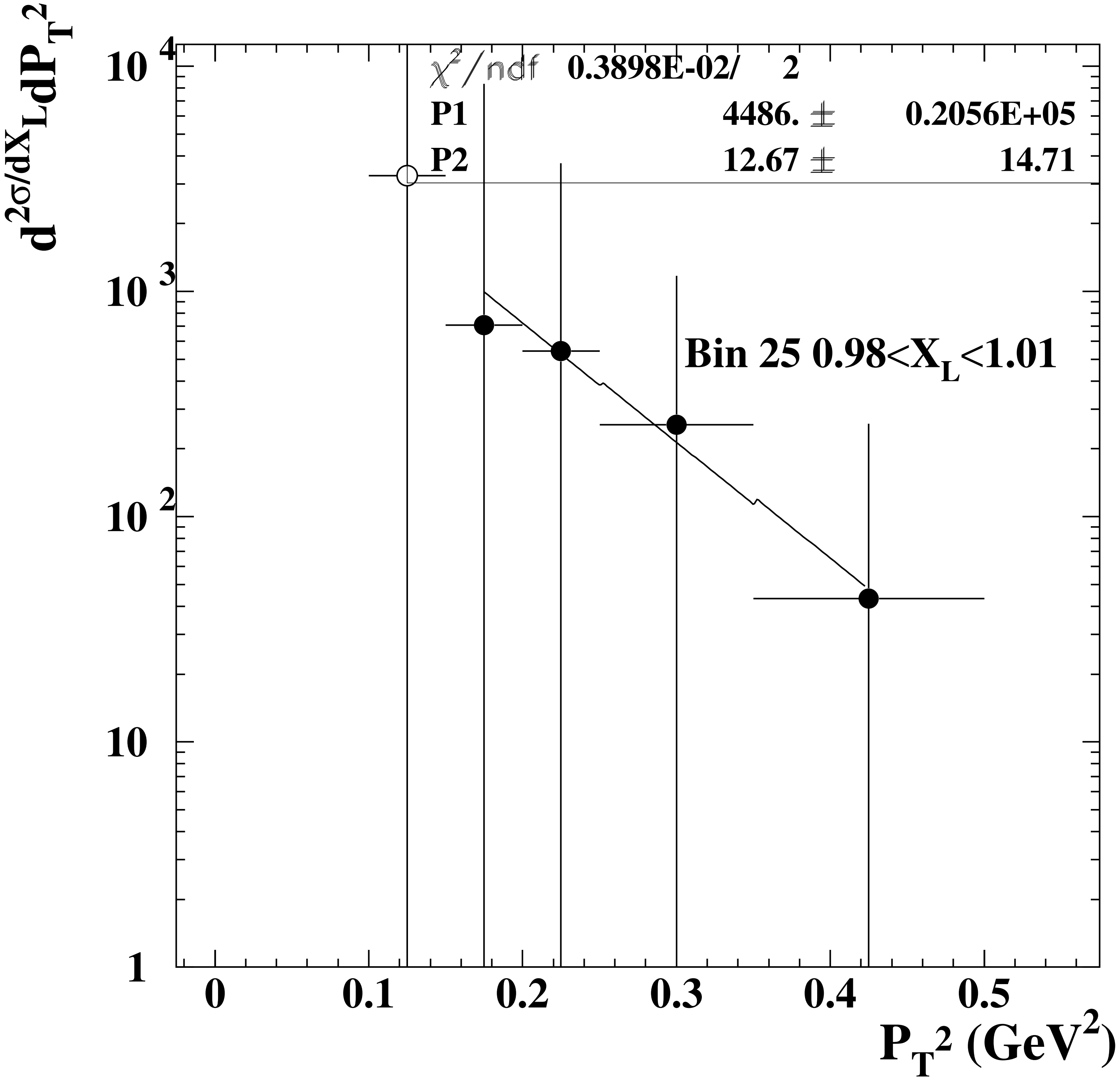


2006/10/30 13.41



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