

Events per 0.025 GeV

Pb-Pb, $\sqrt{s_{NN}} = 5.02$ TeV

$12 < p_T < 15$ GeV/c

centrality 40-90%

$2.5 < y < 4$

fitFuncCB2VWG_pp13_2.40_4.70

$N_{J/\psi} = 356 \pm 25$

Mass = 3.0895 ± 0.0062

$\sigma_{J/\psi} = 0.0829 \pm 0.0068$

$N_{\psi'} = 10 \pm 9$

$\chi^2/nDoF = 1.47$

$S/B_{\pm 3\sigma} = 5.65$

$S/\sqrt{S+B} = 2.66$

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

t1: 0.97

p1: 6.97

t2: 1.86

p1: 14.99

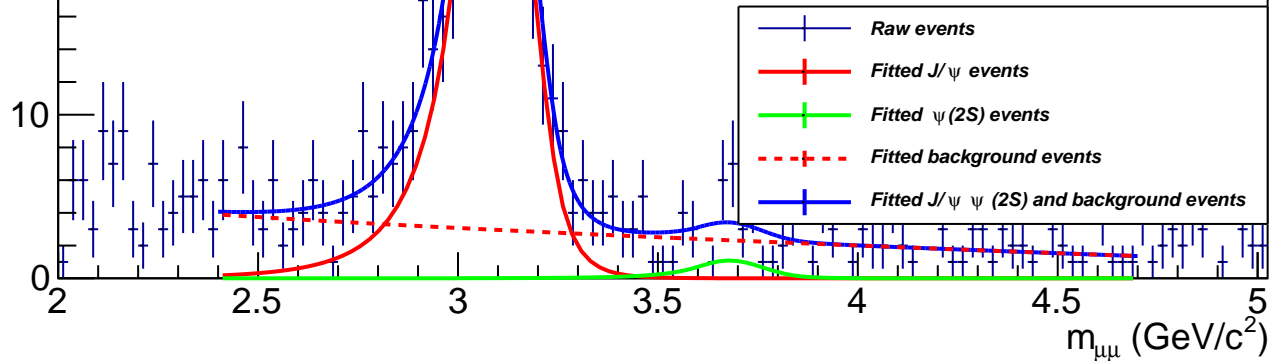
Background Normalization factor: 5.969 ± 1.158

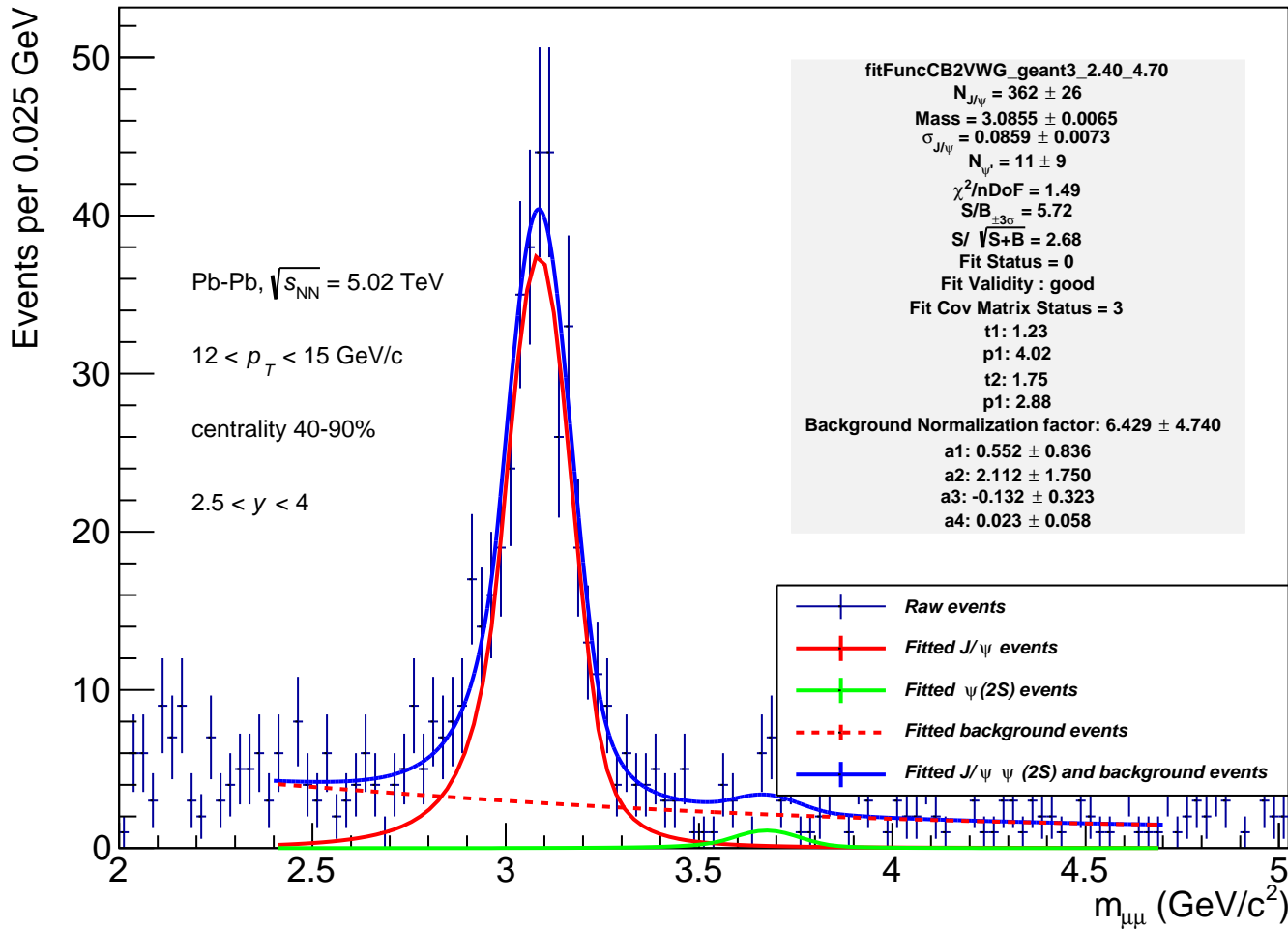
a1: 1.381 ± 1.043

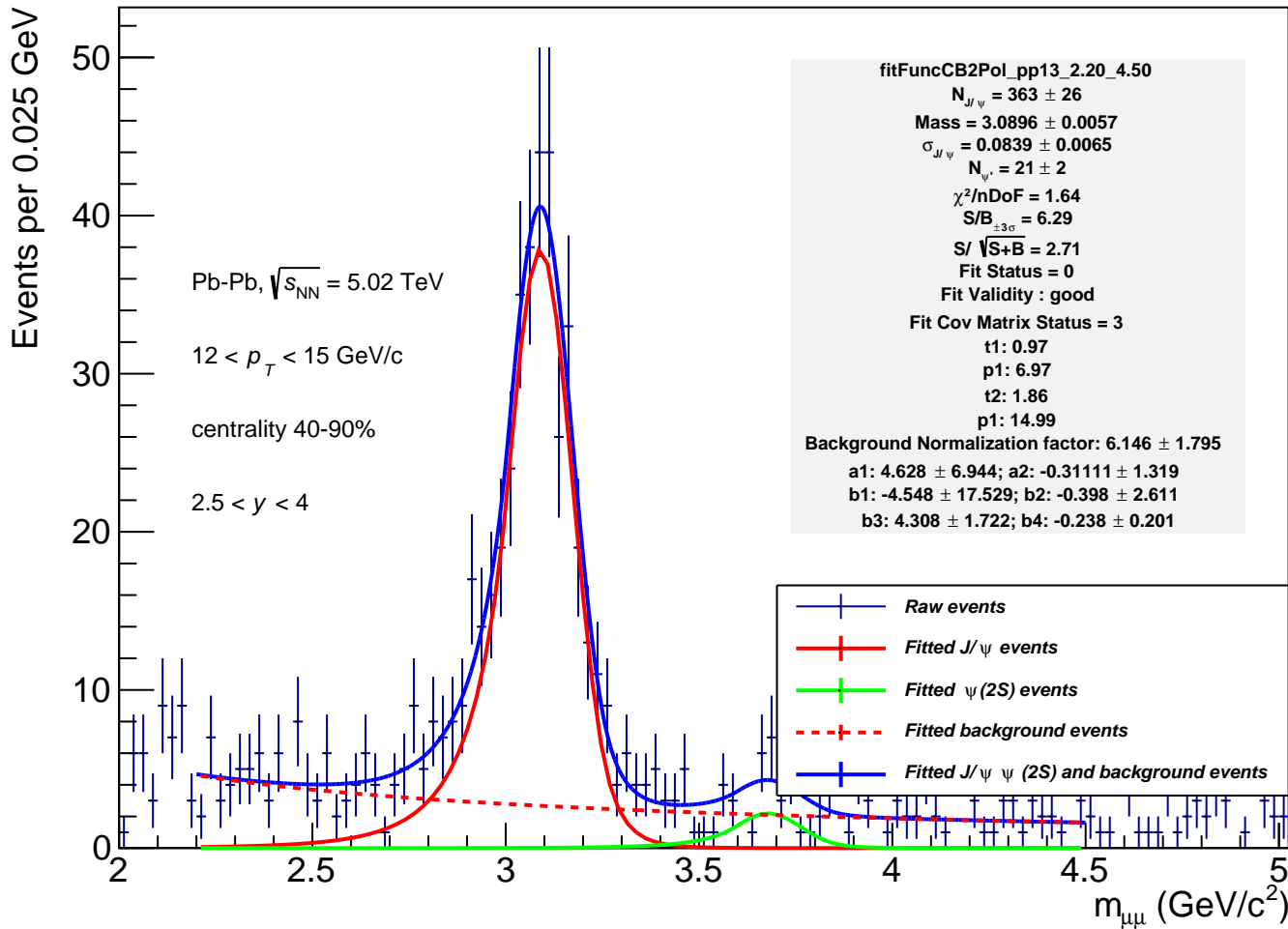
a2: 0.454 ± 0.093

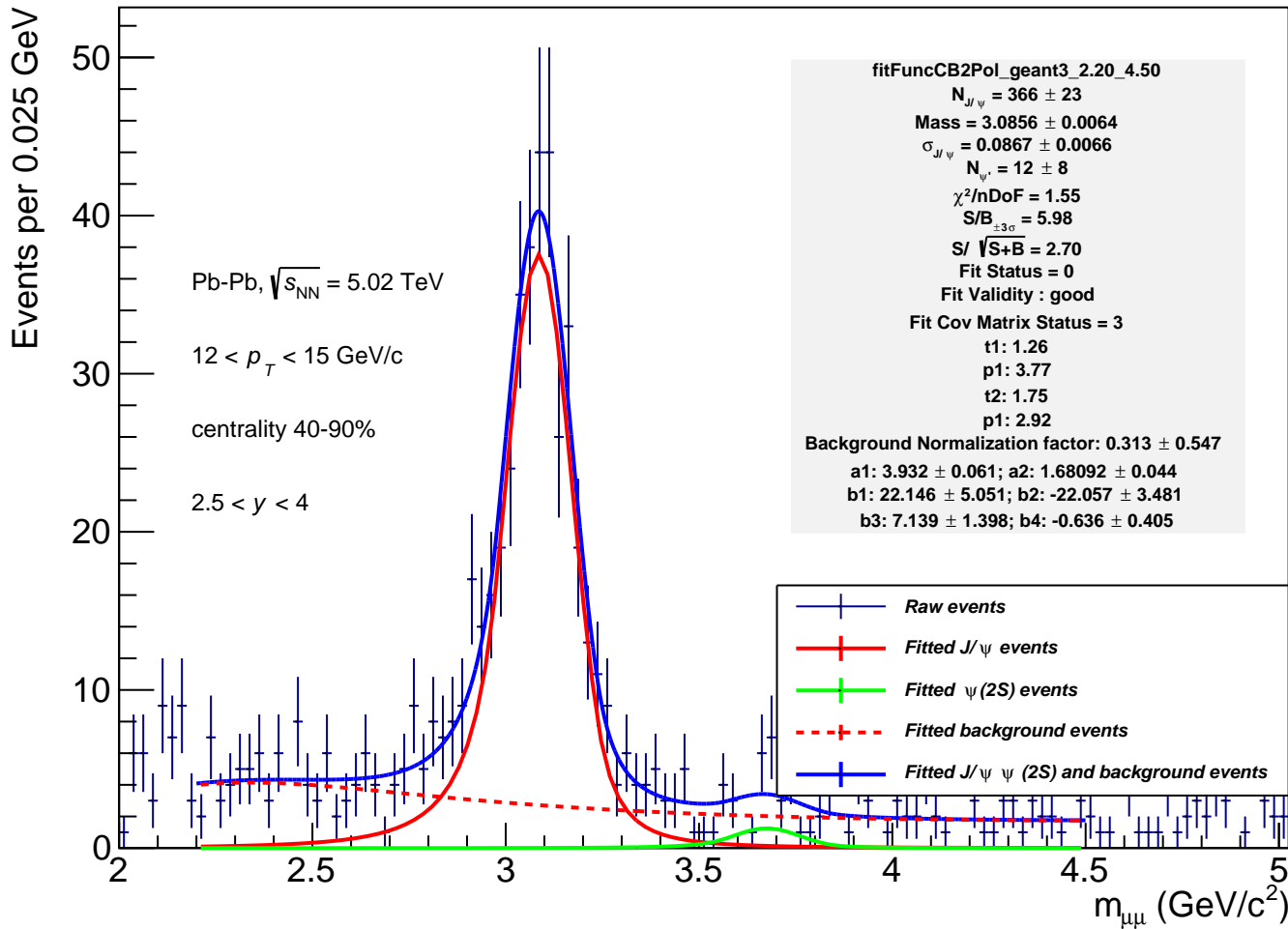
a3: 1.001 ± 0.056

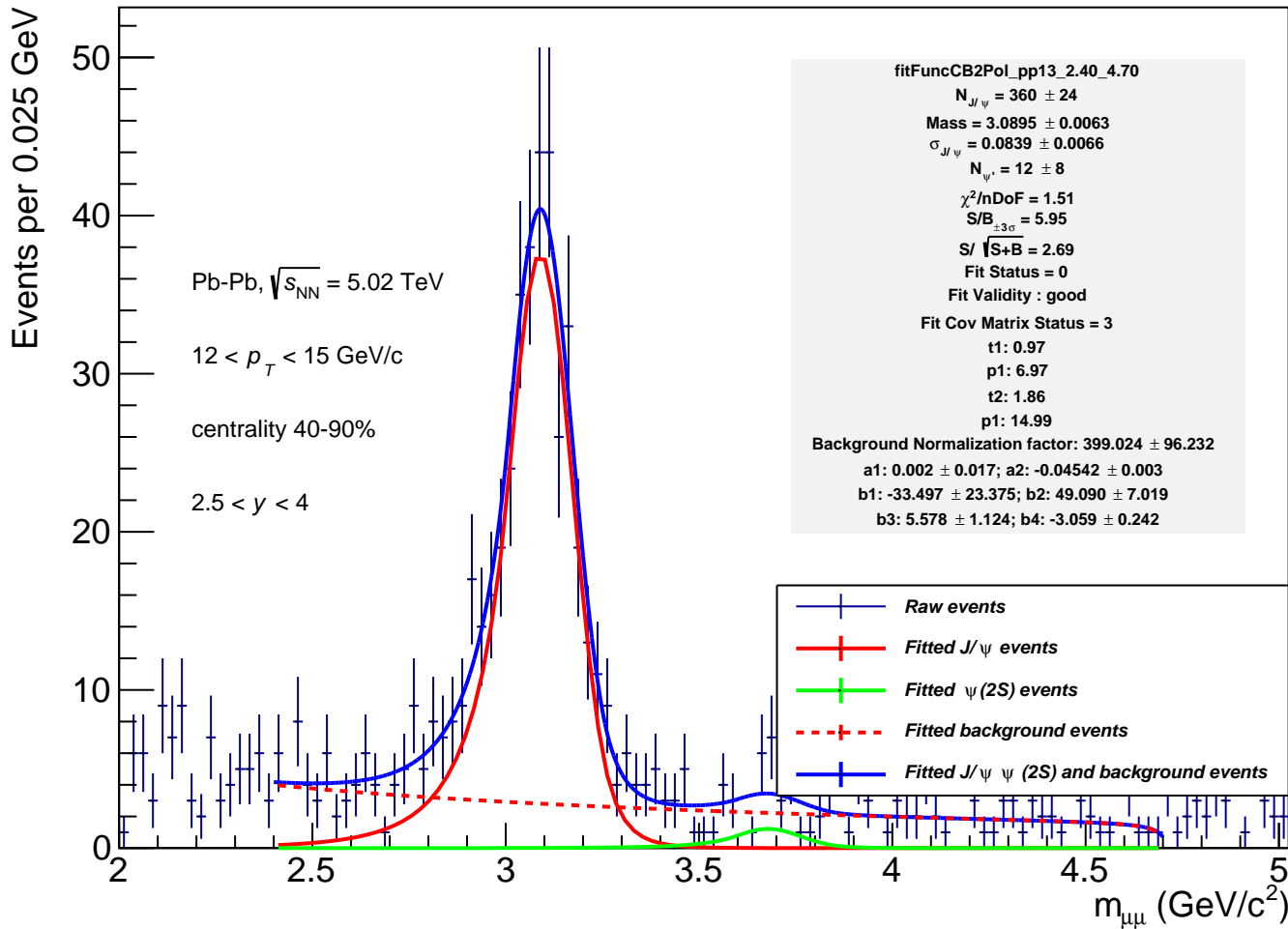
a4: -0.161 ± 0.024

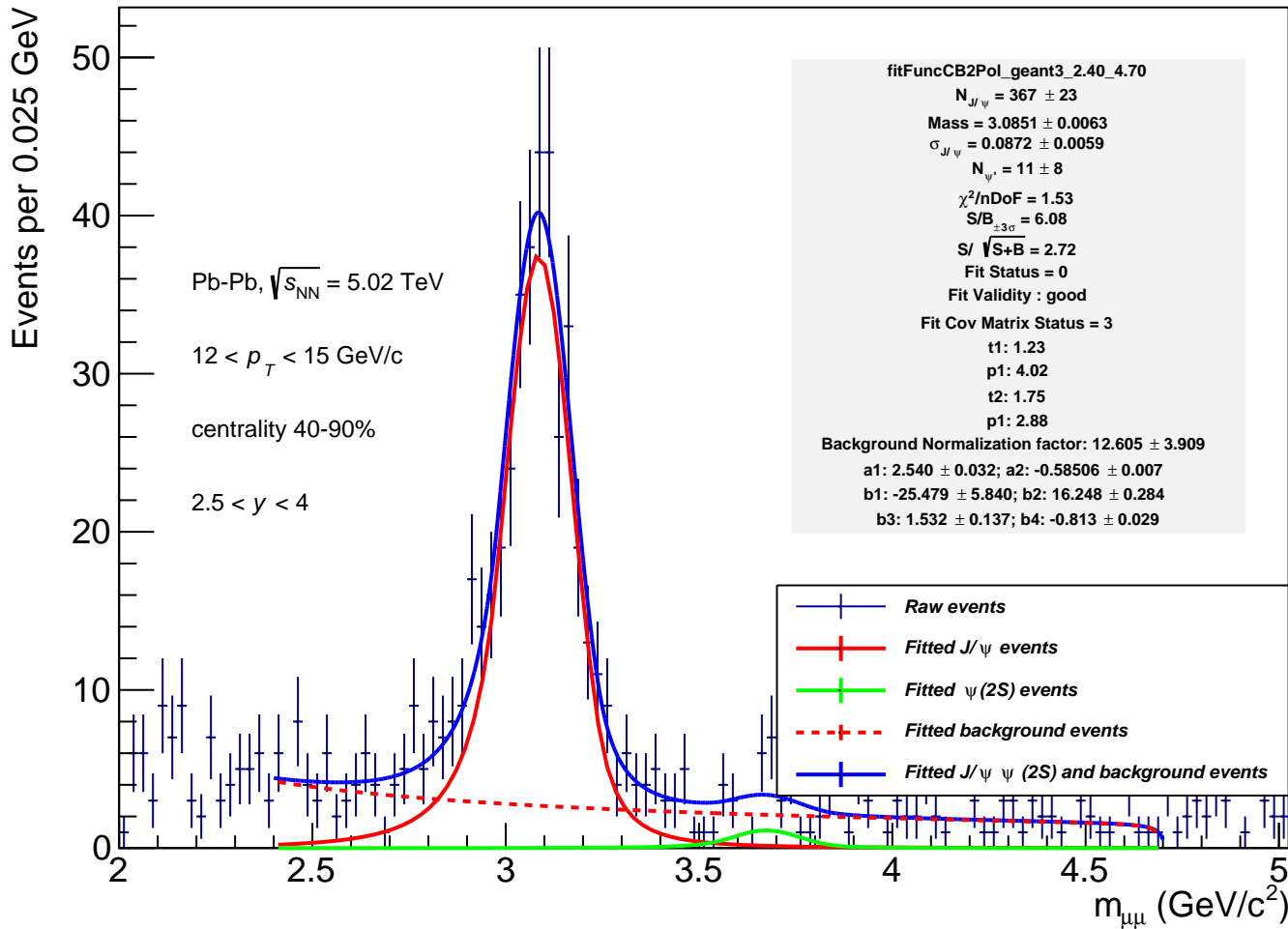


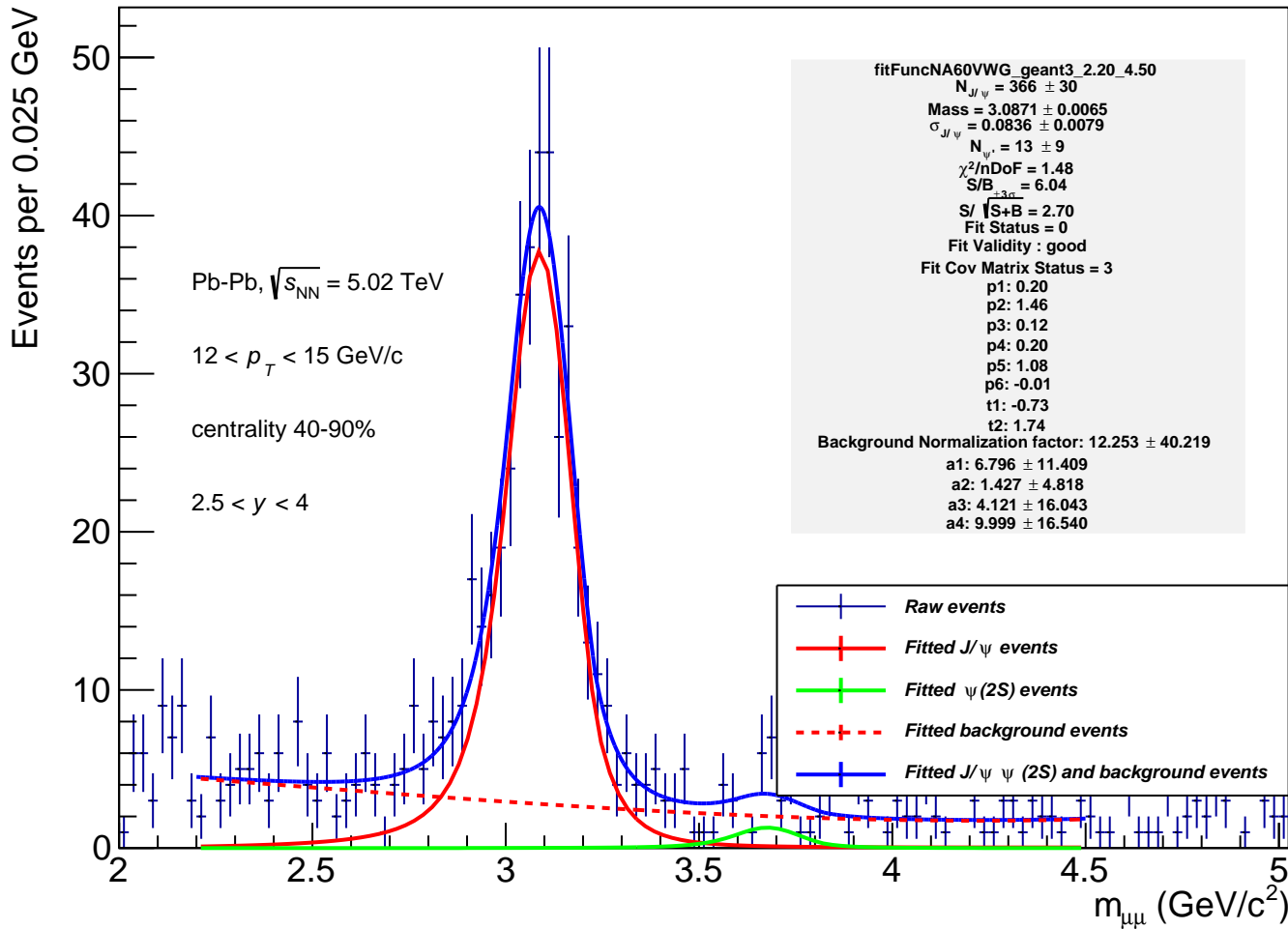


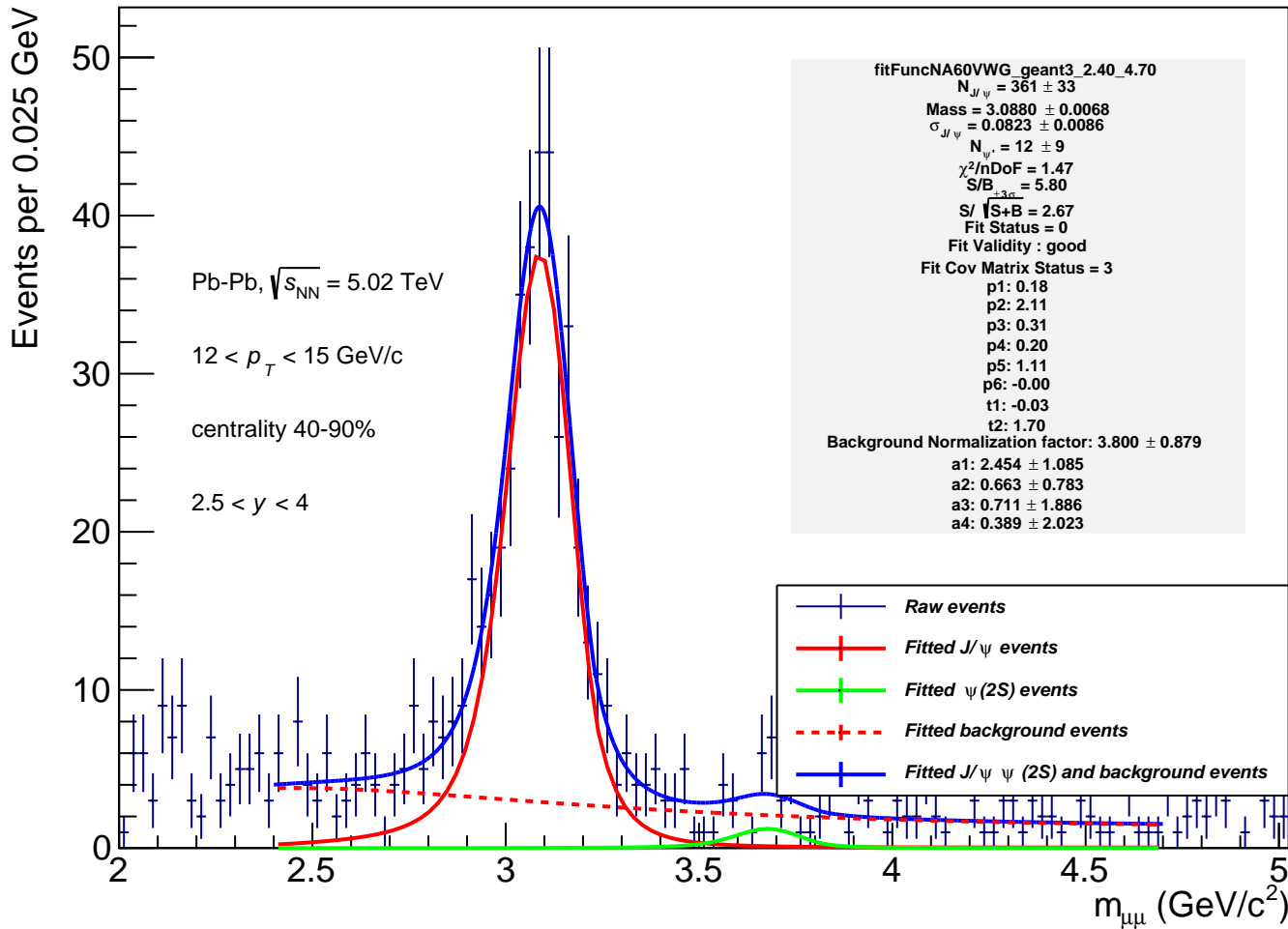


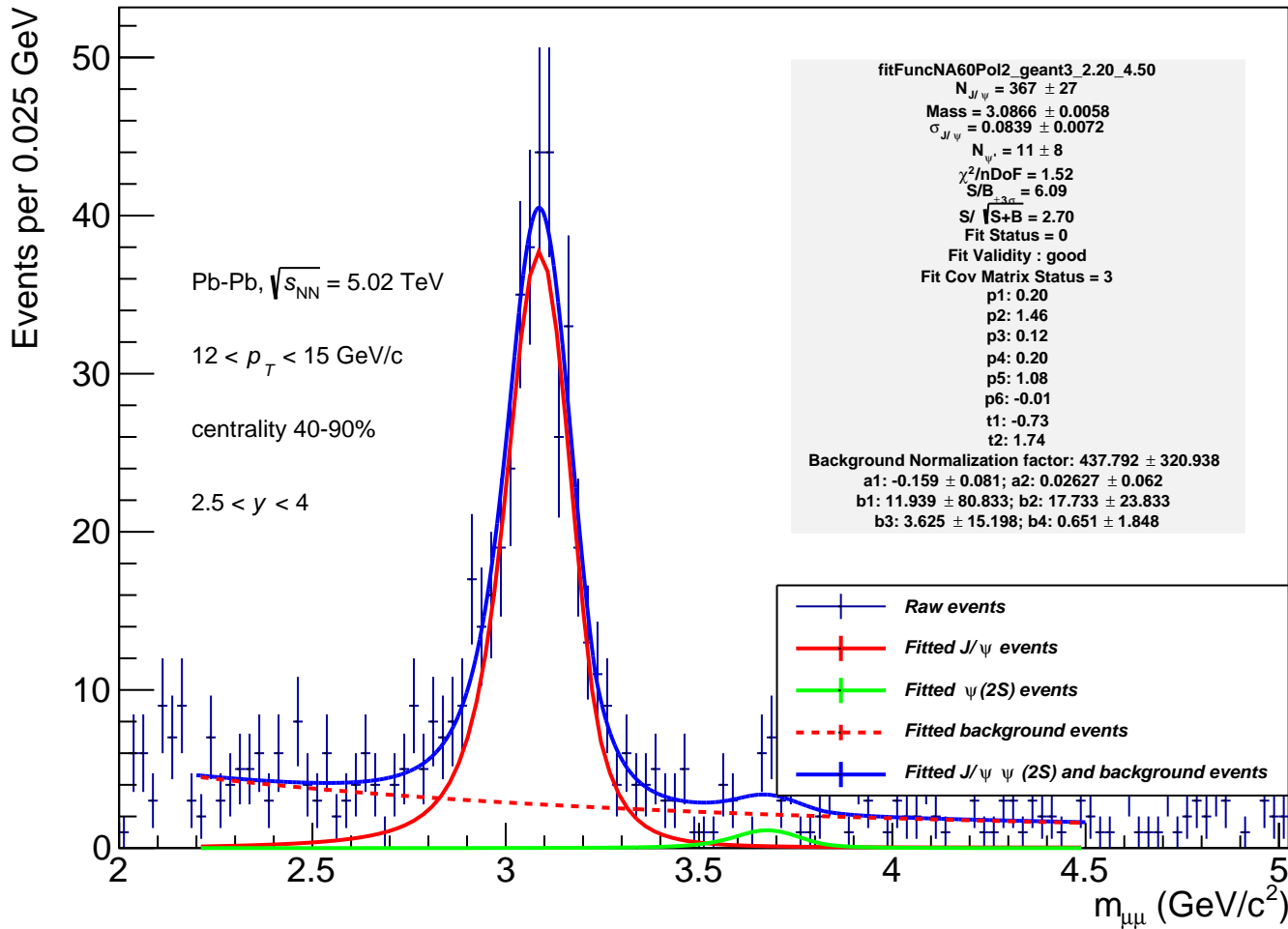












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fitFuncNA60Pol2_geant3_2.40_4.70

$N_{J/\psi} = 366 \pm 24$

Mass = 3.0872 ± 0.0064

$\sigma_{J/\psi} = 0.0836 \pm 0.0066$

$N_{\psi'} = 11 \pm 7$

$\chi^2/nDoF = 1.52$

$S/B = 6.15$

$S/\sqrt{S+B} = 2.71$

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

p1: 0.18

p2: 2.11

p3: 0.31

p4: 0.20

p5: 1.11

p6: -0.00

t1: -0.03

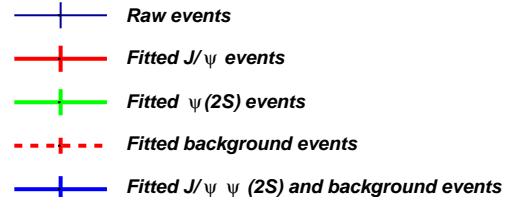
t2: 1.70

Background Normalization factor: 92.956 ± 15.993

a1: -0.068 ± 0.007 ; a2: -0.03076 ± 0.001

b1: -7.514 ± 2.767 ; b2: 9.452 ± 0.592

b3: 1.697 ± 0.126 ; b4: -0.715 ± 0.027



$m_{\mu\mu}$ (GeV/c²)

