

Events per 0.025 GeV

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

$12 < p_T < 15$ GeV/c

centrality 60-90%

$2.5 < y < 4$

fitFuncCB2VWG_pp13_2.20_4.50

$N_{J/\psi} = 71 \pm 0$

Mass = 3.0977 ± 0.0138

$\sigma_{J/\psi} = 0.0838 \pm 0.0124$

$N_{\psi^*} = 4 \pm 0$

$\chi^2/nDoF = 0.78$

$S/B_{\pm 3\sigma} = 5.40$

$S/\sqrt{S+B} = 1.19$

Fit Status = 4

Fit Validity : bad

Fit Cov Matrix Status = 2

t1: 0.97

p1: 6.97

t2: 1.86

p1: 14.99

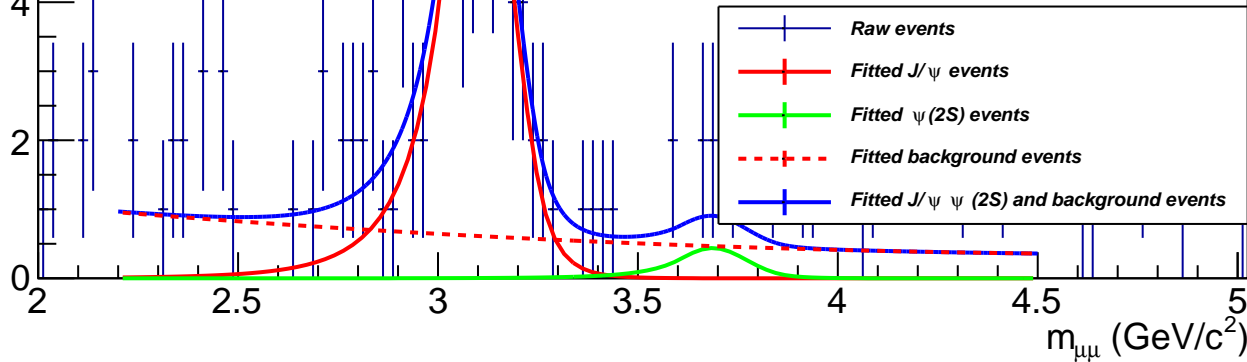
Background Normalization factor: 9.964 ± 10.168

a1: 9.931 ± 19.255

a2: 2.162 ± 0.477

a3: 4.616 ± 0.887

a4: 8.254 ± 1.279



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fitFuncCB2VWG_geant3_2.20_4.50

$N_{J/\psi} = 70 \pm 11$

Mass = 3.0961 ± 0.0134

$\sigma_{J/\psi} = 0.0832 \pm 0.0131$

$N_{\psi'} = 4 \pm 3$

$\chi^2/nDoF = 0.76$

$S/B_{\pm 3\sigma} = 5.07$

$S/\sqrt{S+B} = 1.17$

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

t1: 1.26

p1: 3.77

t2: 1.75

p1: 2.92

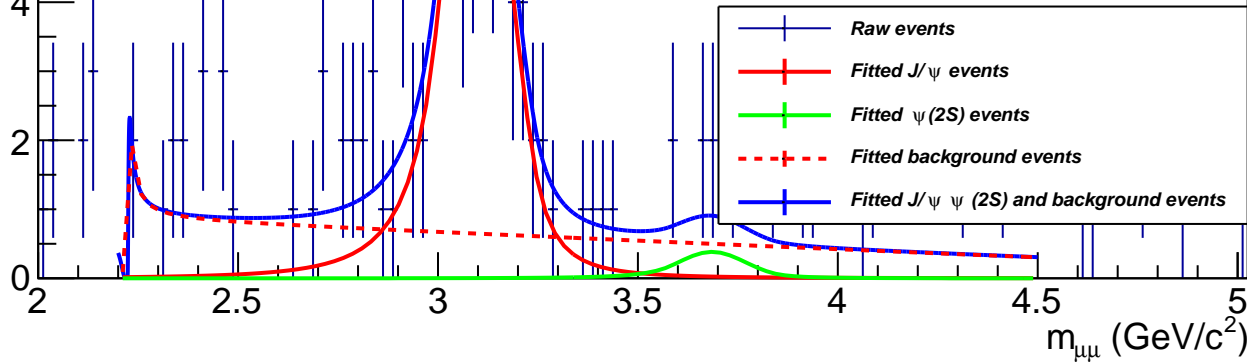
Background Normalization factor: 2.307 ± 4.378

a1: 2.229 ± 0.013

a2: 0.005 ± 0.022

a3: 1.560 ± 1.522

a4: -0.450 ± 1.044



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fitFuncCB2VWG_pp13_2.40_4.70

$N_{J/\psi} = 70 \pm 0$

Mass = 3.0984 ± 0.0140

$\sigma_{J/\psi} = 0.0828 \pm 0.0131$

$N_{\psi'} = 4 \pm 0$

$\chi^2/nDoF = 0.73$

$S/B = 5.23$

$S/\sqrt{S+B} = 1.18$

Fit Status = 4

Fit Validity : bad

Fit Cov Matrix Status = 1

t1: 0.97

p1: 6.97

t2: 1.86

p1: 14.99

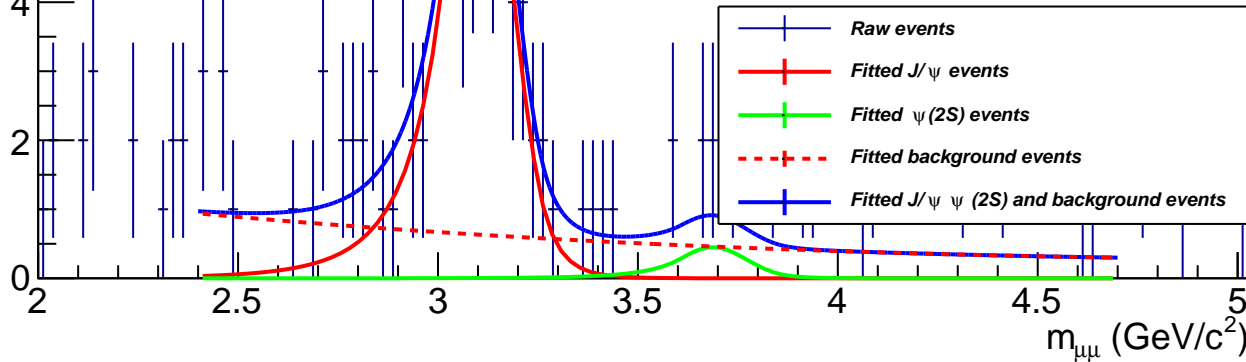
Background Normalization factor: 81.584 ± 55.795

a1: 9.858 ± 17.066

a2: 0.677 ± 0.953

a3: 0.045 ± 2.740

a4: 3.238 ± 2.476



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fitFuncCB2VWG_geant3_2.40_4.70

$N_{J/\psi} = 70 \pm 0$

Mass = 3.0973 ± 0.0105

$\sigma_{J/\psi} = 0.0827 \pm 0.0089$

$N_{\psi'} = 4 \pm 0$

$\chi^2/nDoF = 0.73$

$S/B = 5.14$

$S/\sqrt{S+B} = 1.17$

Fit Status = 4

Fit Validity : bad

Fit Cov Matrix Status = 2

t1: 1.23

p1: 4.02

t2: 1.75

p1: 2.88

Background Normalization factor: 89.996 ± 89.976

a1: 10.000 ± 15.810

a2: 1.204 ± 0.048

a3: 1.765 ± 0.084

a4: 4.635 ± 0.143

