

Events per 0.025 GeV

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

$12 < p_T < 15$ GeV/c

centrality 50-60%

$2.5 < y < 4$

fitFuncCB2VWG_pp13_2.20_4.50

$N_{J/\psi} = 94 \pm 12$

Mass = 3.0850 ± 0.0119

$\sigma_{J/\psi} = 0.0790 \pm 0.0111$

$N_{\psi'} = 0 \pm 3$

$\chi^2/nDoF = 0.62$

$S/B_{\pm 3\sigma} = 5.86$

$S/\sqrt{S+B} = 1.37$

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: 1.474 ± 0.639

a1: 2.287 ± 0.039

a2: 0.055 ± 0.075

a3: 2.329 ± 1.132

a4: -1.224 ± 1.250

—+— Raw events
—+— Fitted J/ψ events
—+— Fitted $\psi(2S)$ events
- - -+ - Fitted background events
—+— Fitted J/ψ $\psi(2S)$ and background events

$m_{\mu\mu}$ (GeV/c²)

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

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$2.5 < y < 4$

fitFuncCB2VWG_geant3_2.20_4.50

$N_{J/\psi} = 95 \pm 12$

Mass = 3.0797 ± 0.0120

$\sigma_{J/\psi} = 0.0825 \pm 0.0121$

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

$\chi^2/nDoF = 0.63$

$S/B_{\pm 3\sigma} = 5.70$

$S/\sqrt{S+B} = 1.38$

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: 1.504 ± 0.653

a1: 2.287 ± 0.039

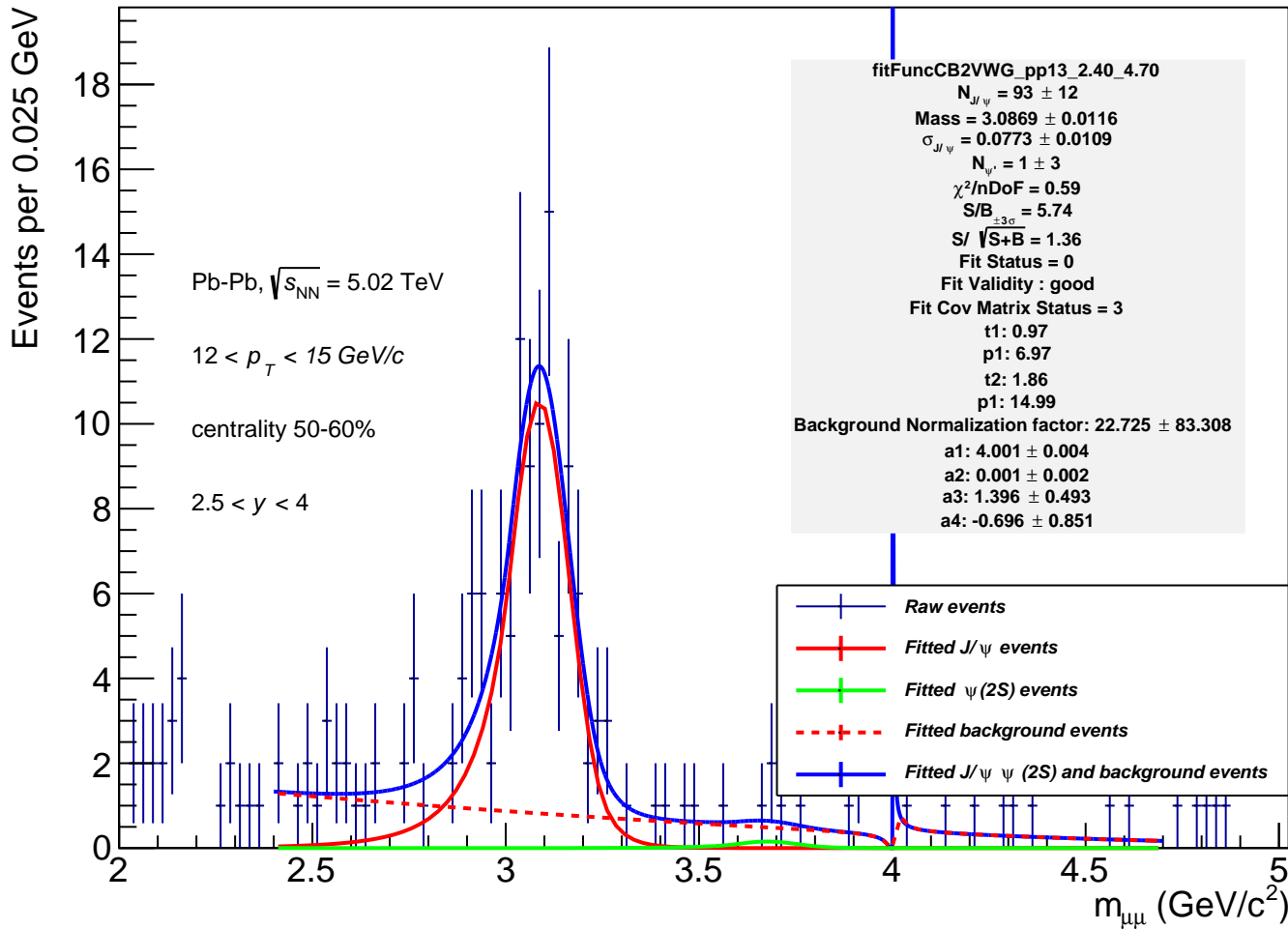
a2: 0.053 ± 0.071

a3: 2.263 ± 1.001

a4: -1.170 ± 1.108

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- +— Fitted $\psi(2S)$ events
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$m_{\mu\mu}$ (GeV/c²)



Events per 0.025 GeV

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

$12 < p_T < 15$ GeV/c

centrality 50-60%

$2.5 < y < 4$

fitFuncCB2VWG_geant3_2.40_4.70

$N_{J/\psi} = 94 \pm 12$

Mass = 3.0817 ± 0.0115

$\sigma_{J/\psi} = 0.0803 \pm 0.0119$

$N_{\psi'} = 2 \pm 3$

$\chi^2/nDoF = 0.61$

$S/B_{\pm 3\sigma} = 5.60$

$S/\sqrt{S+B} = 1.36$

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

t1: 1.23

p1: 4.02

t2: 1.75

p1: 2.88

Background Normalization factor: 3.597 ± 5.001

a1: 3.896 ± 0.010

a2: 0.006 ± 0.013

a3: 1.884 ± 0.652

a4: -1.950 ± 2.244

—+— Raw events
—+— Fitted J/ψ events
—+— Fitted $\psi(2S)$ events
- - -+ - Fitted background events
—+— Fitted J/ψ $\psi(2S)$ and background events

$m_{\mu\mu}$ (GeV/c²)

