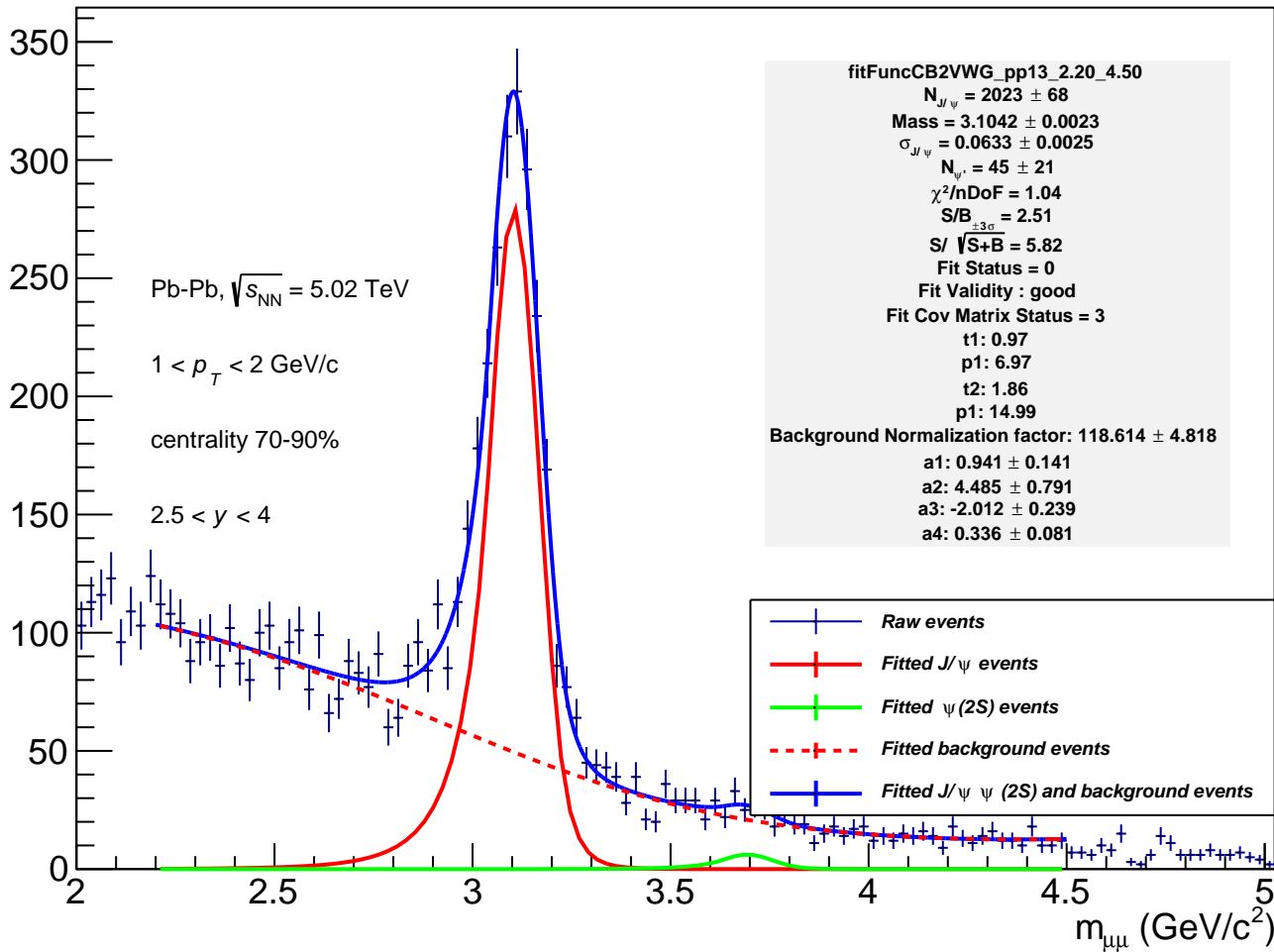
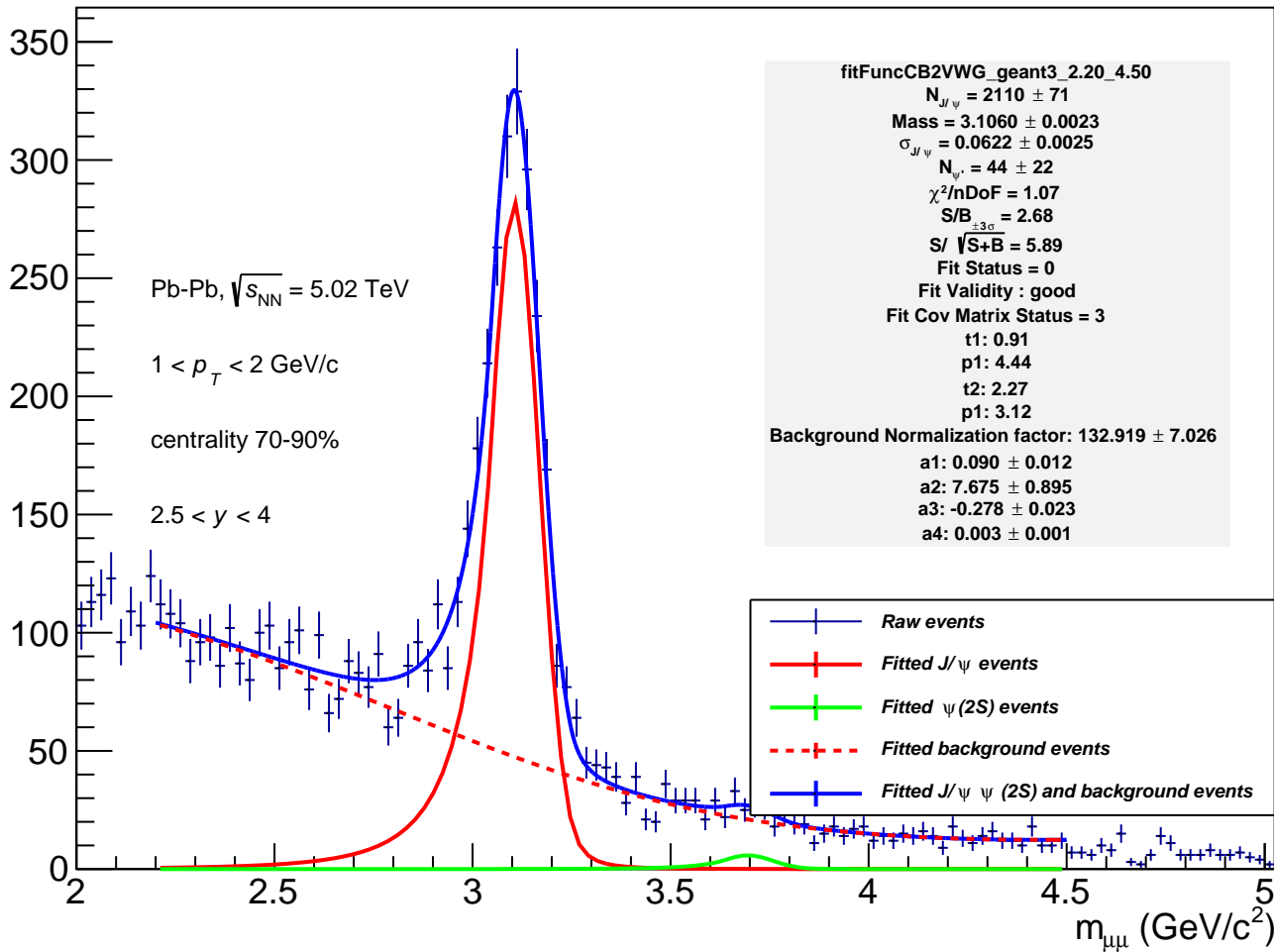


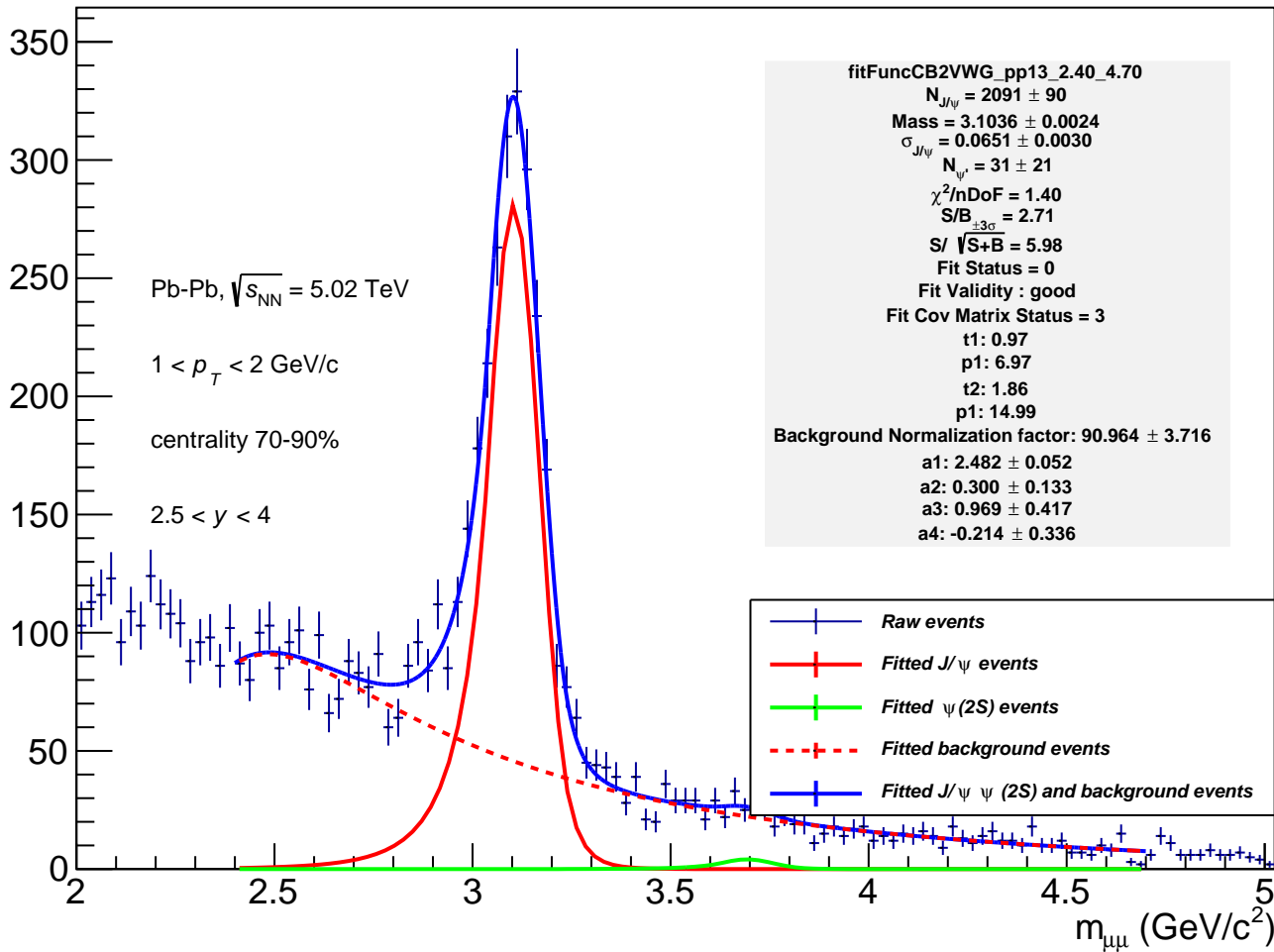
Events per 0.025 GeV



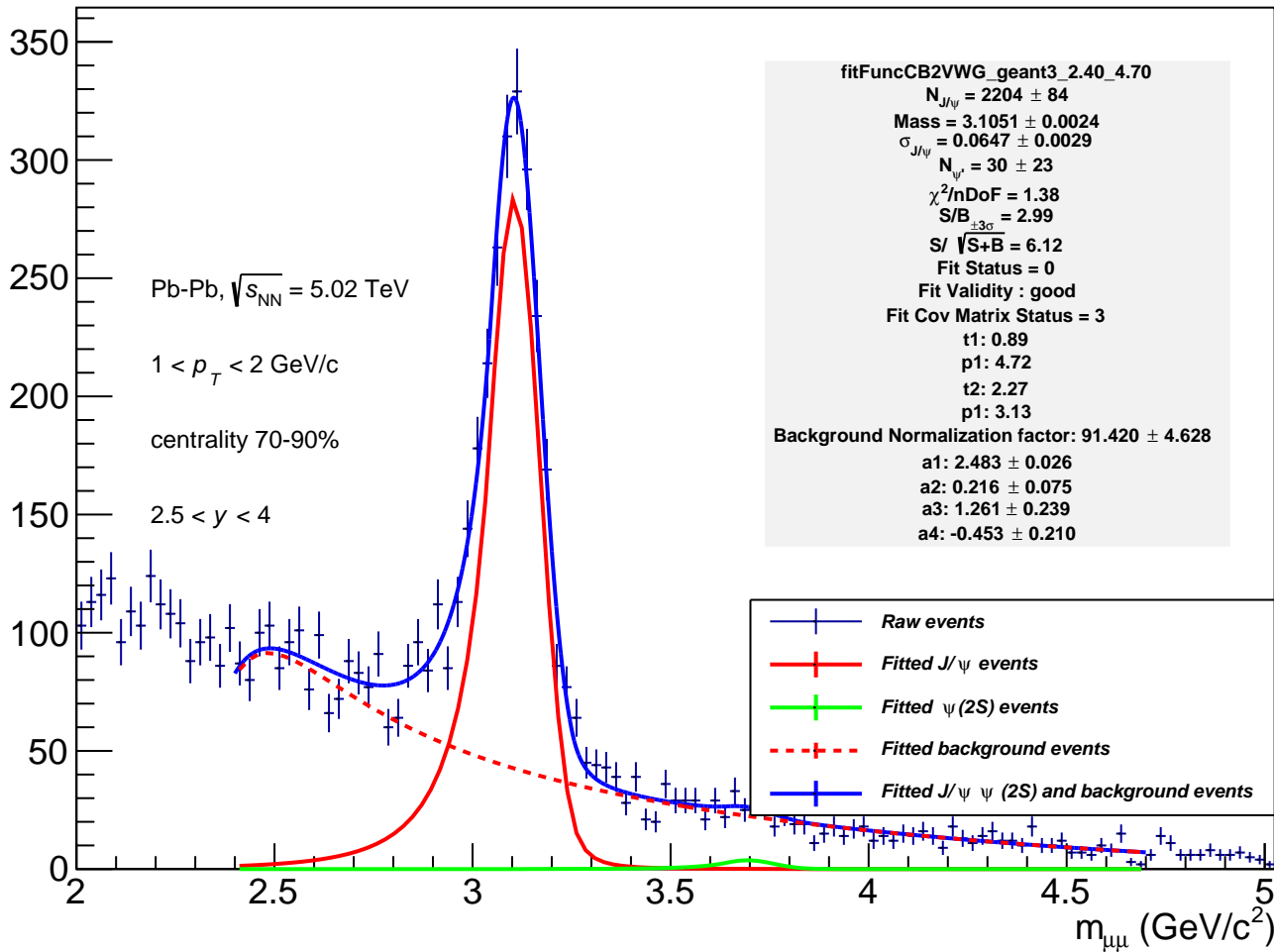
Events per 0.025 GeV



Events per 0.025 GeV



Events per 0.025 GeV



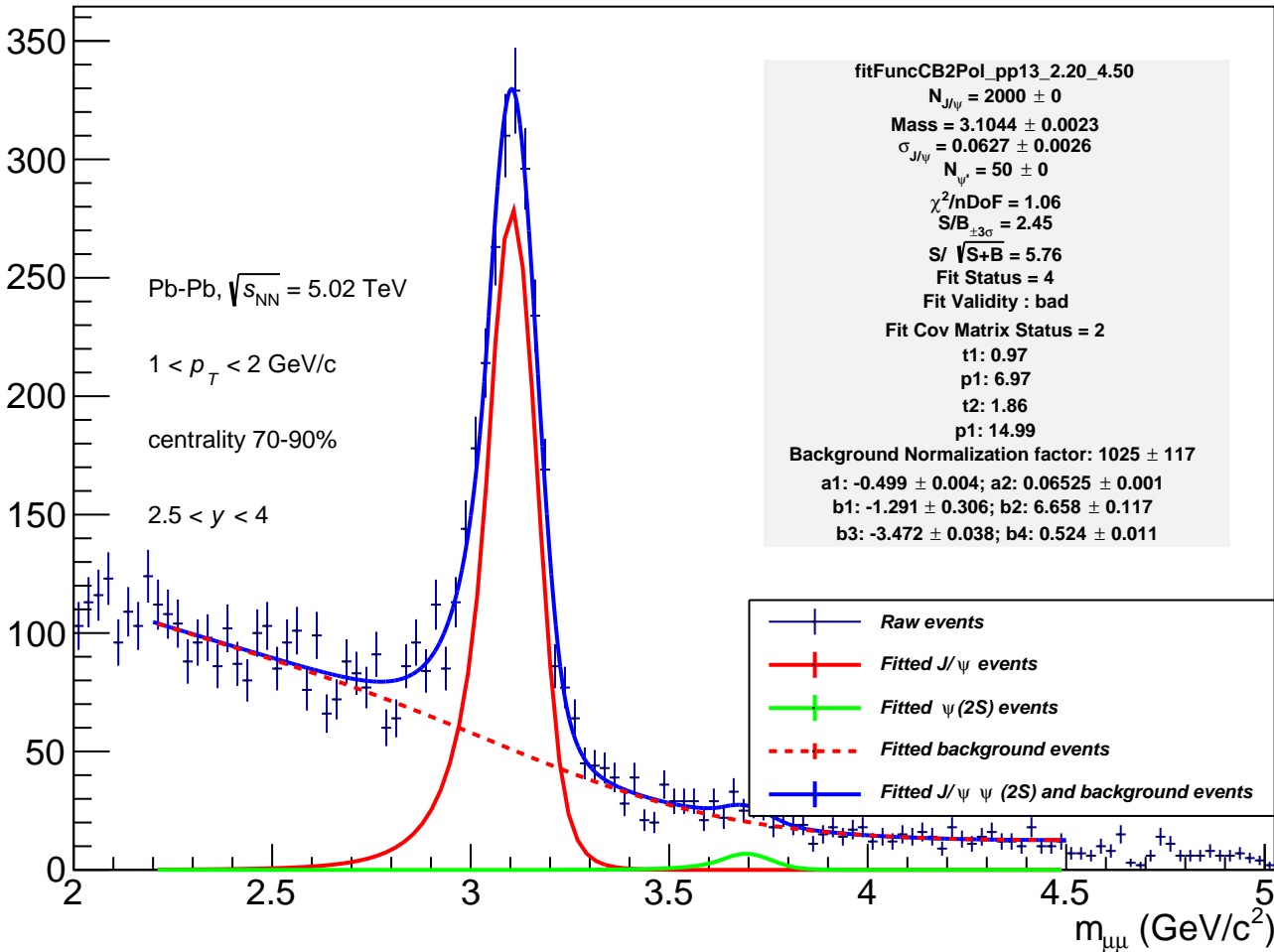
Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$



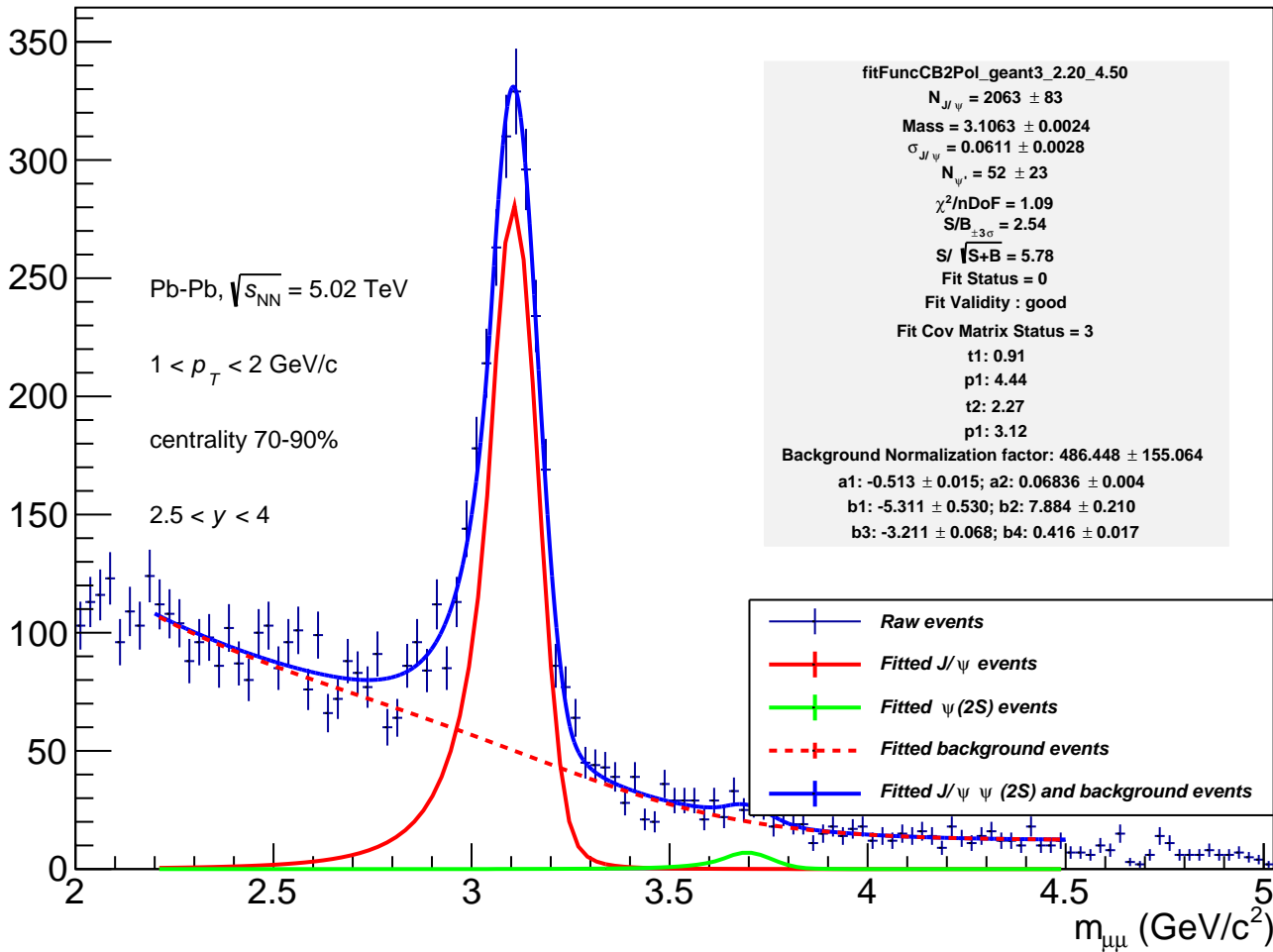
Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$



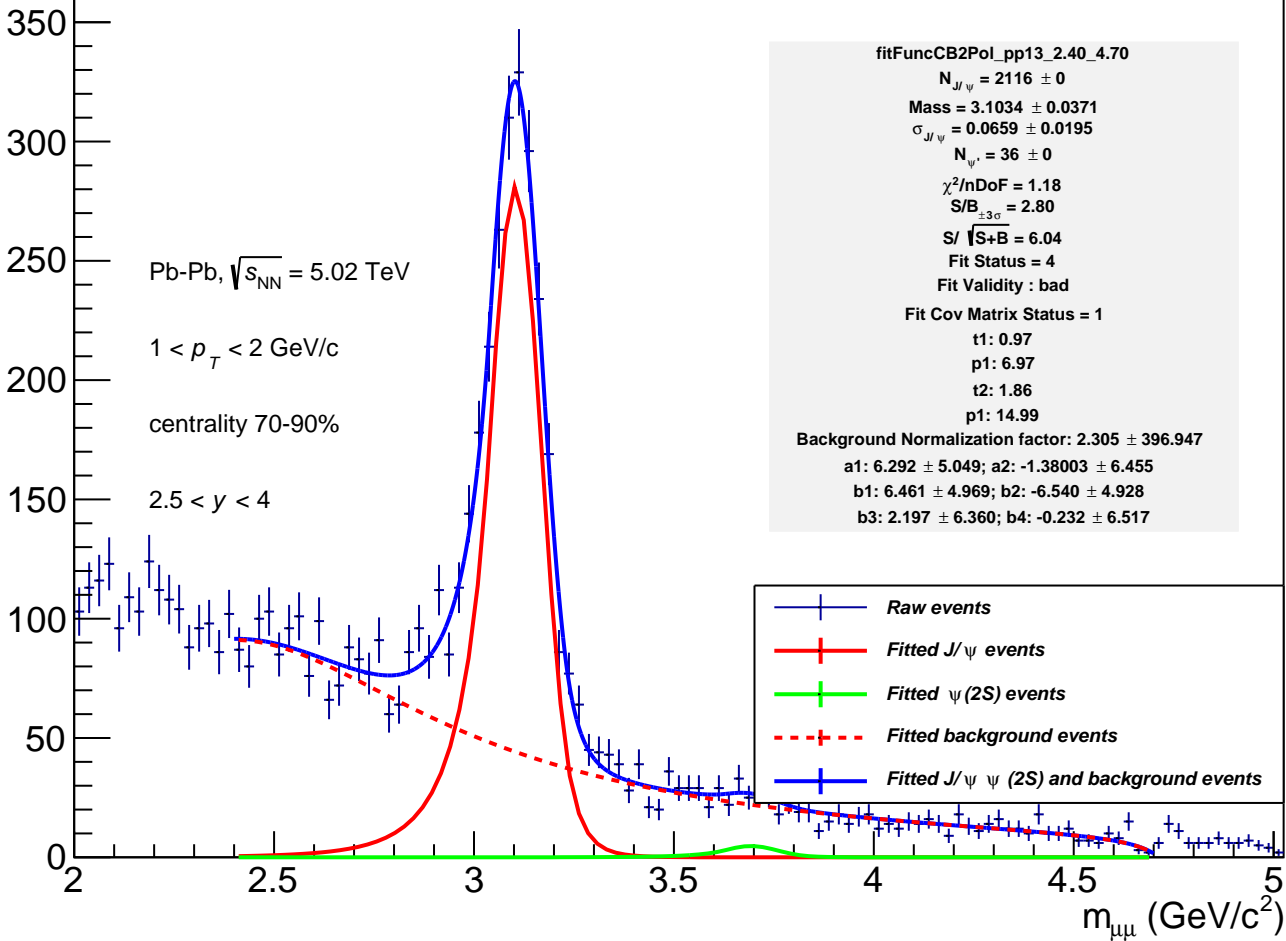
Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$



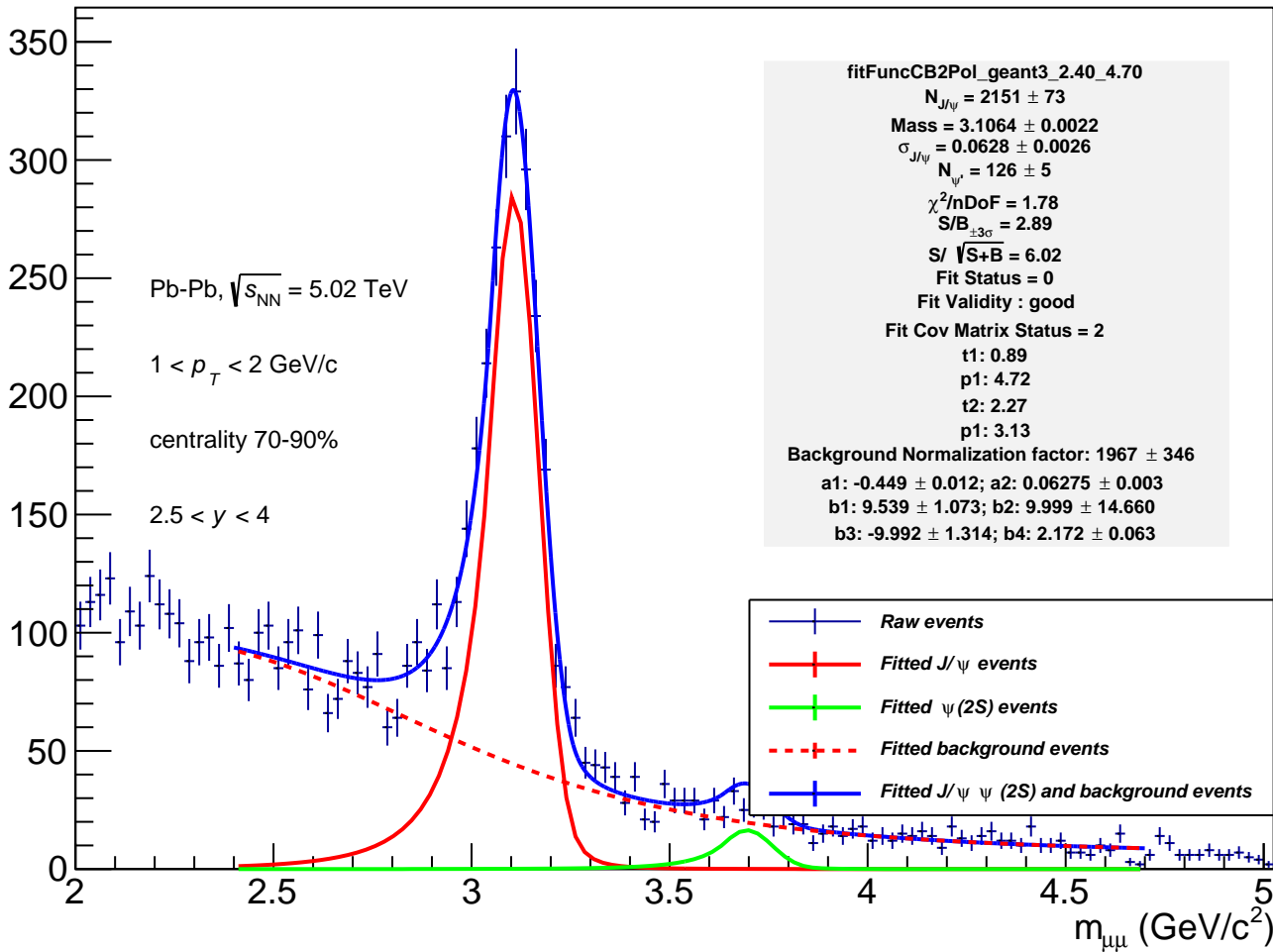
Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$



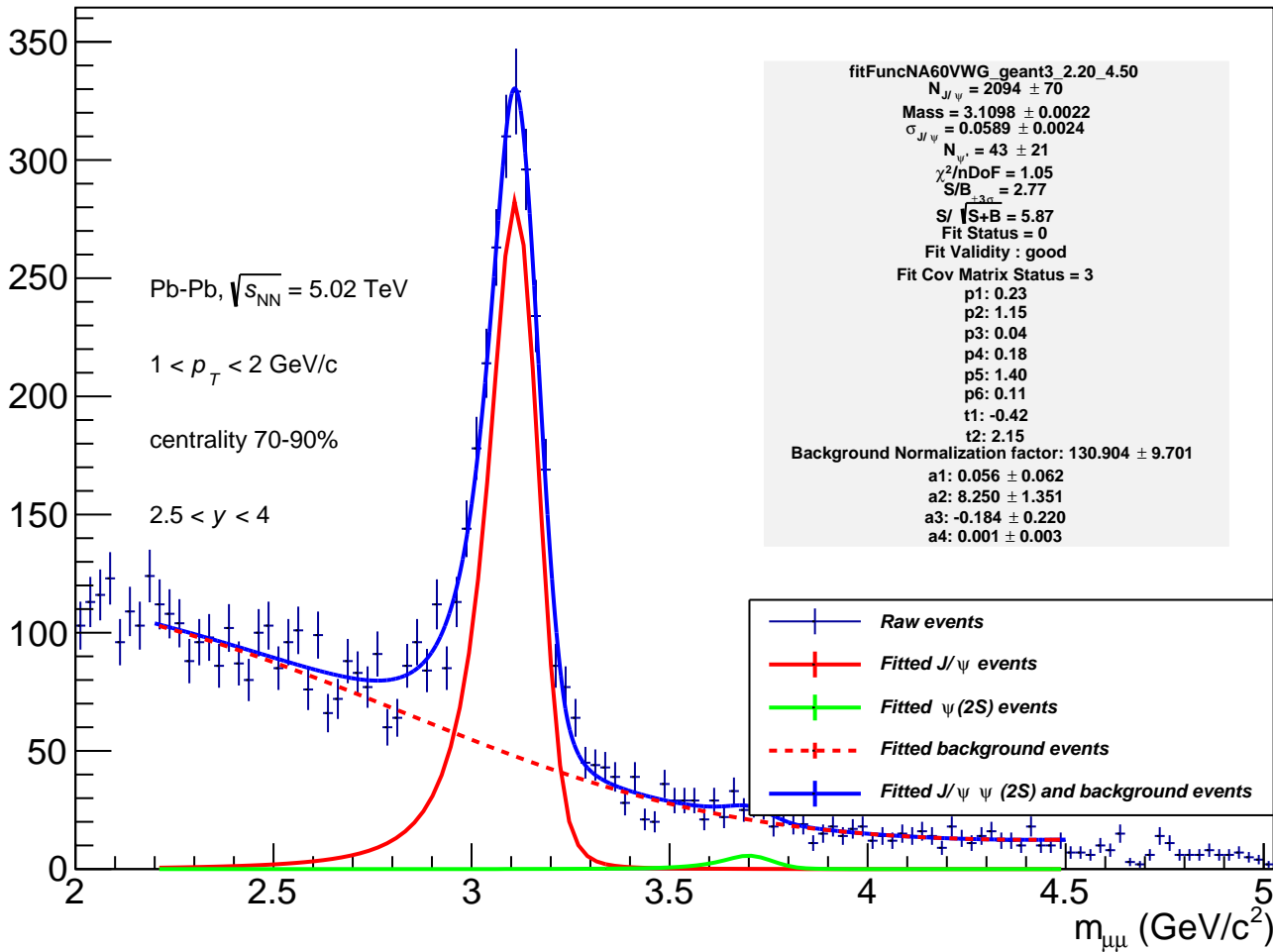
Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$



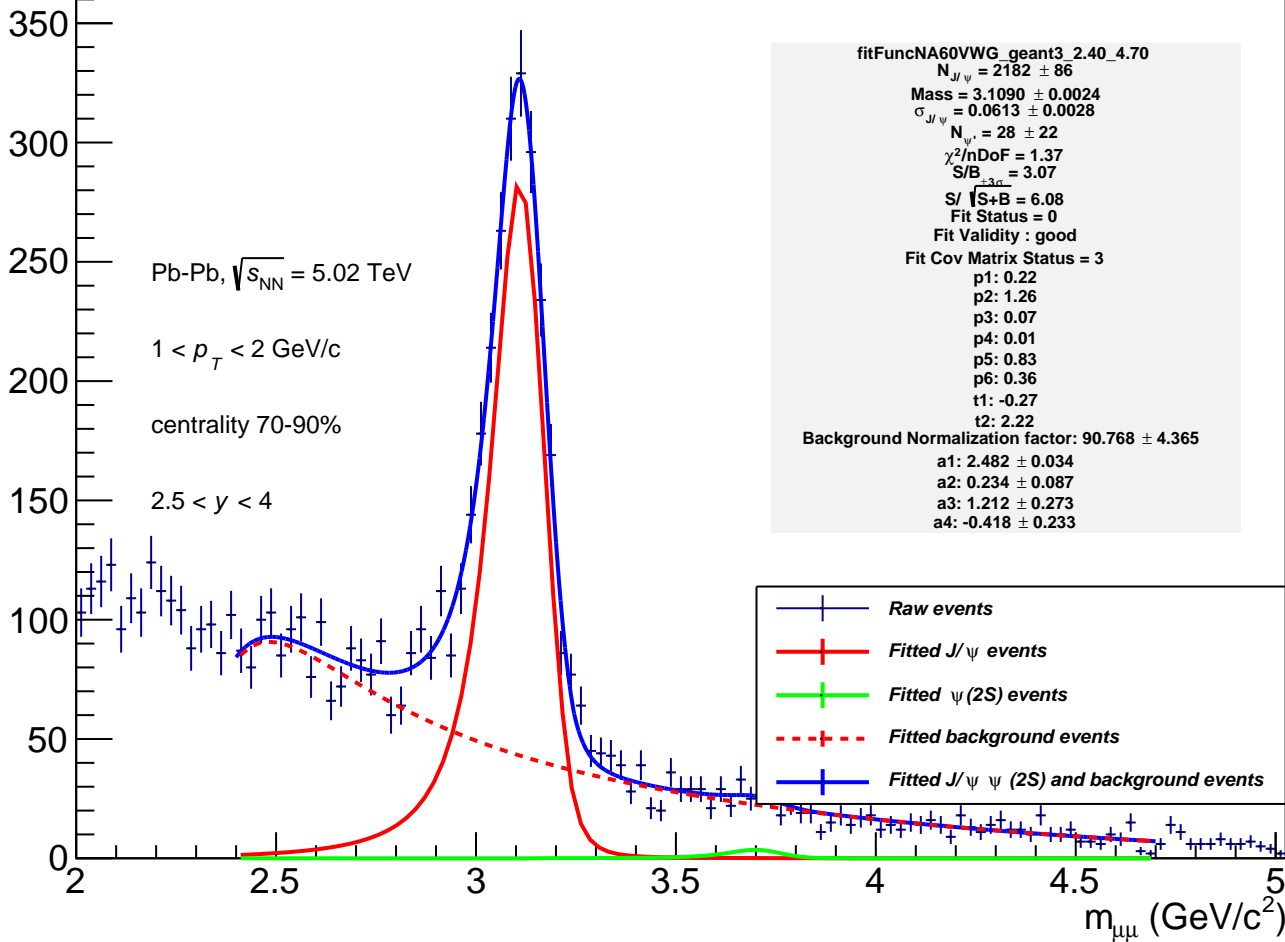
Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$



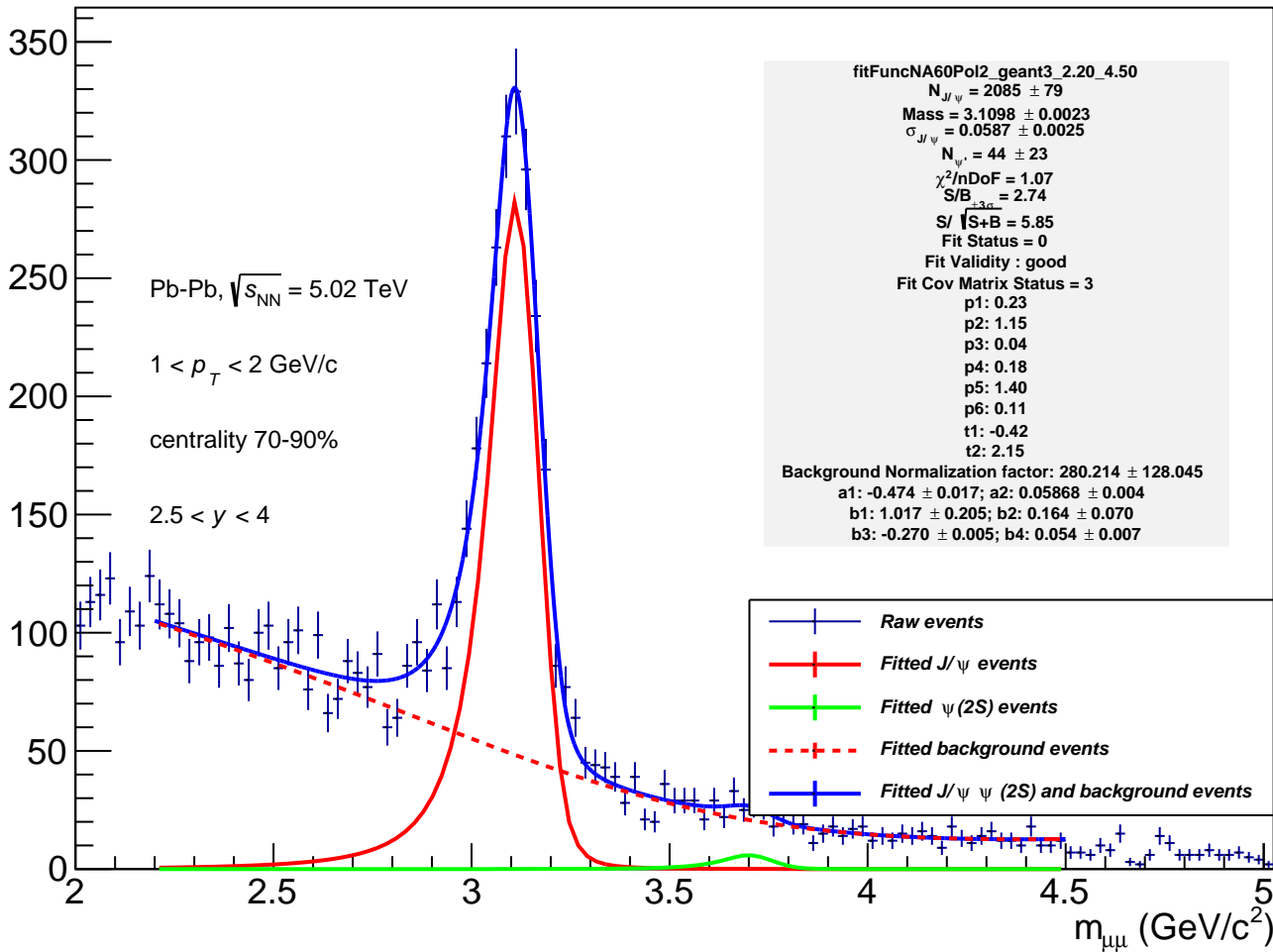
Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$



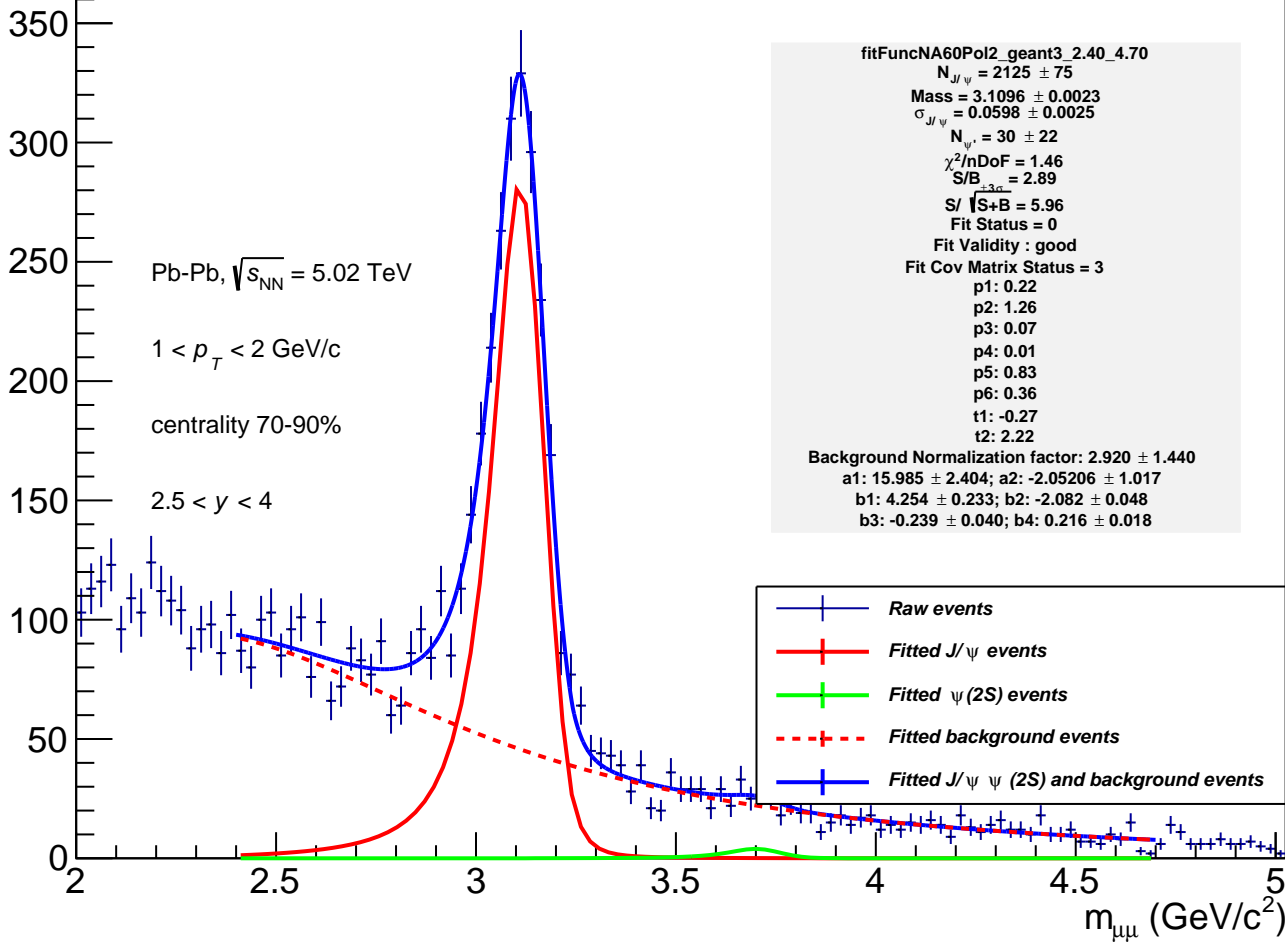
Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$



Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$

fitFuncCB2Exp_pp13_2.20_4.50

$N_{J/\psi} = 2146 \pm 57$

Mass = 3.1016 ± 0.0023

$\sigma_{J/\psi} = 0.0666 \pm 0.0018$

$N_{\psi'} = 32 \pm 19$

$\chi^2/nDoF = 1.16$

$S/B_{\pm 3\sigma} = 10.31$

$S/\sqrt{S+B} = 6.77$

Fit Status = 0

Fit Validity : good

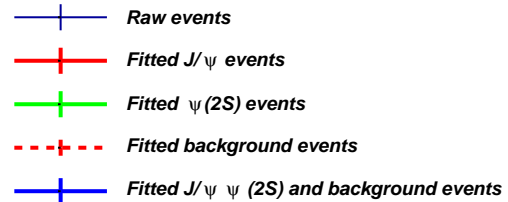
Fit Cov Matrix Status = 3

t1: 0.97

p1: 6.97

t2: 1.86

p1: 14.99



$m_{\mu\mu}$ (GeV/c^2)

Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$

fitFuncCB2Exp_geant3_2.20_4.50

$N_{J/\psi} = 2187 \pm 65$

Mass = 3.1030 ± 0.0024

$\sigma_{J/\psi} = 0.0653 \pm 0.0024$

$N_{\psi'} = 29 \pm 20$

$\chi^2/nDoF = 1.14$

$S/B_{\pm 3\sigma} = 10.35$

$S/\sqrt{S+B} = 6.74$

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

t1: 0.97

p1: 3.98

t2: 2.30

p1: 3.03

100

50

0

2

2.5

3

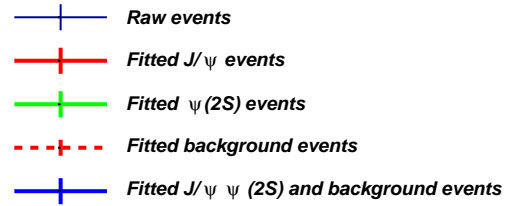
3.5

4

4.5

5

$m_{\mu\mu}$ (GeV/c²)



Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$

fitFuncCB2Exp_pp13_2.40_4.70

$N_{J/\psi} = 2099 \pm 63$

Mass = 3.1025 ± 0.0024

$\sigma_{J/\psi} = 0.0650 \pm 0.0023$

$N_{\psi'} = 34 \pm 19$

$\chi^2/nDoF = 1.34$

$S/B = 9.01$

$S/\sqrt{S+B} = 6.65$

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 2

t1: 0.97

p1: 6.97

t2: 1.86

p1: 14.99

100

50

0

2

2.5

3

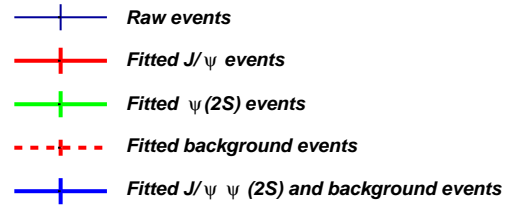
3.5

4

4.5

5

$m_{\mu\mu}$ (GeV/c²)



Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$

fitFuncCB2Exp_geant3_2.40_4.70

$N_{J/\psi} = 2155 \pm 66$

Mass = 3.1036 ± 0.0024

$\sigma_{J/\psi} = 0.0644 \pm 0.0024$

$N_{\psi'} = 38 \pm 19$

$\chi^2/nDoF = 1.36$

$S/B = 9.78$

$S/\sqrt{S+B} = 6.68$

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

t1: 0.97

p1: 3.98

t2: 2.30

p1: 3.03

100

150

200

250

300

2

2.5

3

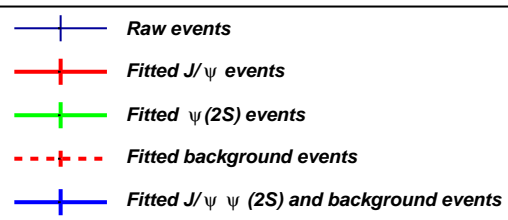
3.5

4

4.5

5

$m_{\mu\mu}$ (GeV/c²)



Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$

fitFuncNA60Exp_geant3_2.20_4.50

$N_{J/\psi} = 2188 \pm 63$

Mass = 3.1080 ± 0.0022

$\sigma_{J/\psi} = 0.0608 \pm 0.0022$

$N_{\psi^*} = 28 \pm 20$

$\chi^2/nDoF = 1.12$

S/B = 10.94

S/ $\sqrt{S+B}$ = 6.70

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

p1: 0.23

p2: 1.15

p3: 0.04

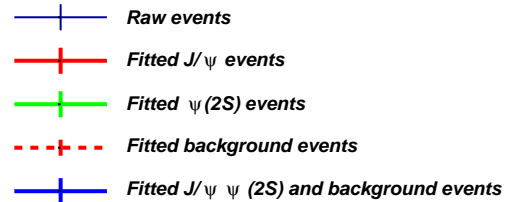
p4: 0.18

p5: 1.40

p6: 0.11

t1: -0.42

t2: 2.15



$m_{\mu\mu}$ (GeV/c²)

Events per 0.025 GeV

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

$1 < p_T < 2$ GeV/c

centrality 70-90%

$2.5 < y < 4$

fitFuncNA60Exp_geant3_2.40_4.70

$N_{J/\psi} = 2155 \pm 65$

Mass = 3.1085 ± 0.0023

$\sigma_{J/\psi} = 0.0600 \pm 0.0022$

$N_{\psi'} = 38 \pm 19$

$\chi^2/nDoF = 1.33$

S/B = 10.33

S/ $\sqrt{S+B}$ = 6.65

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

p1: 0.23

p2: 1.15

p3: 0.04

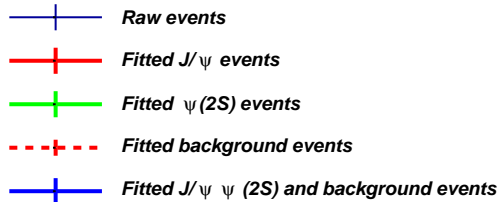
p4: 0.18

p5: 1.40

p6: 0.11

t1: -0.42

t2: 2.15



$m_{\mu\mu}$ (GeV/c²)