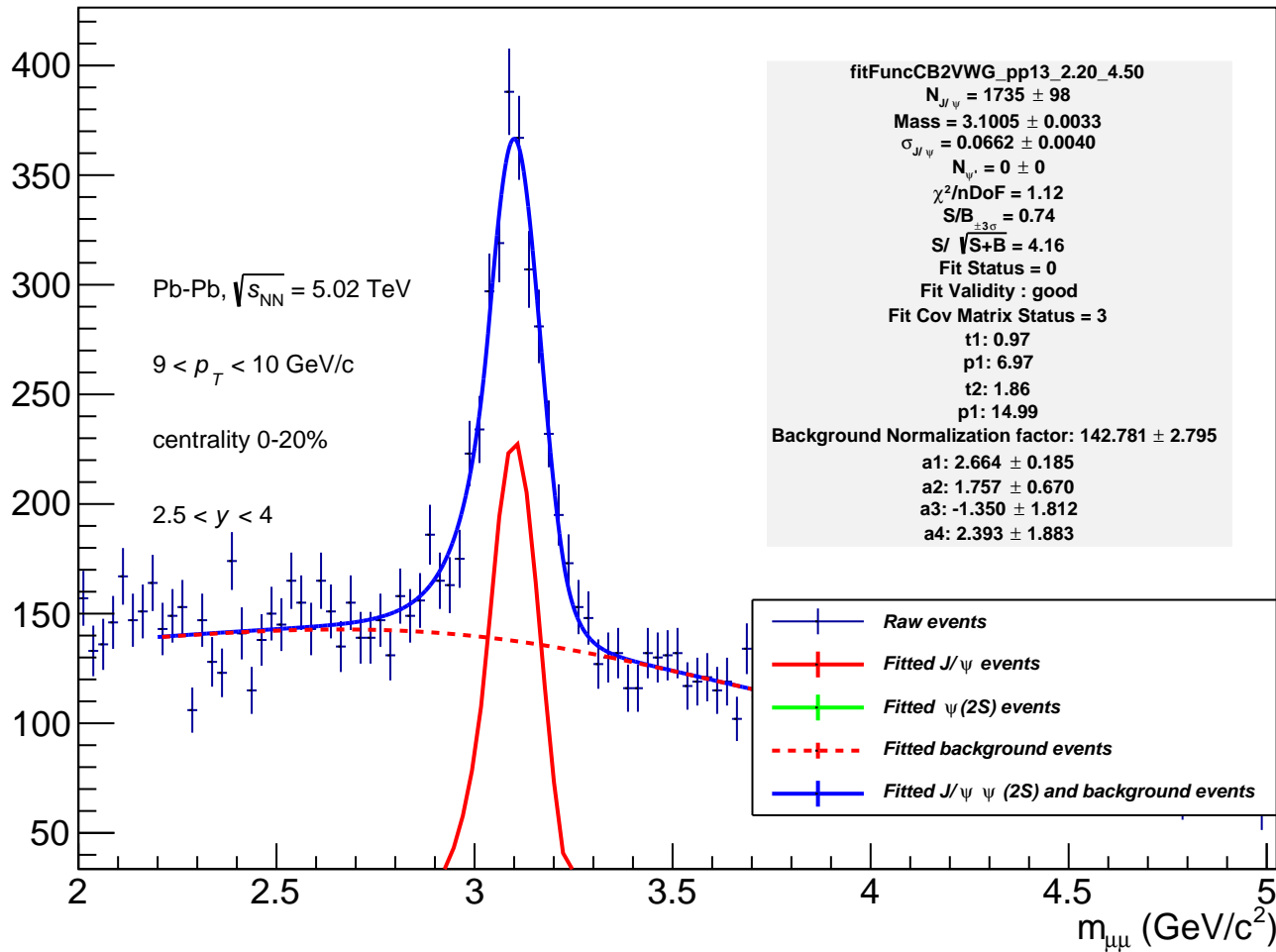
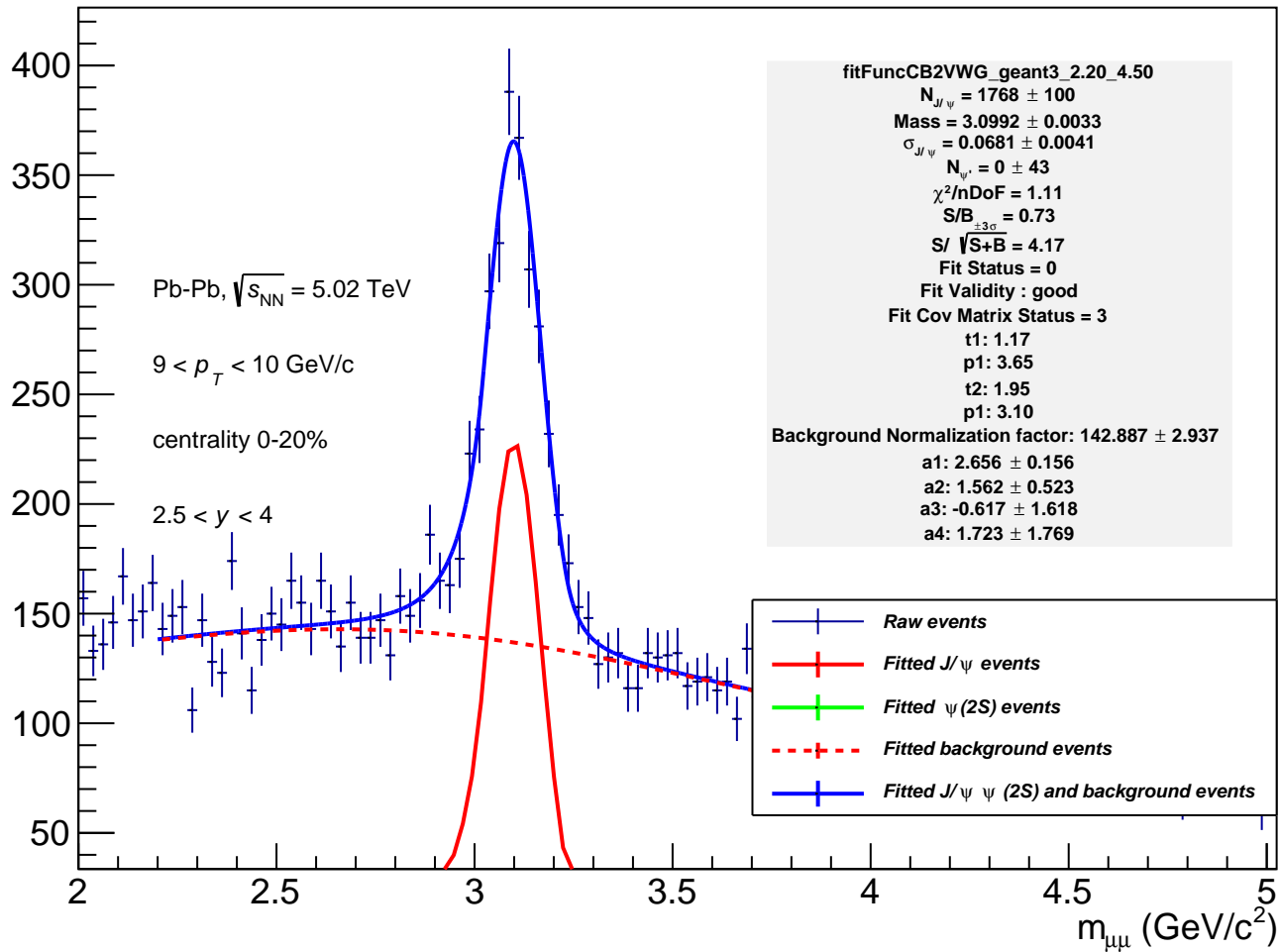


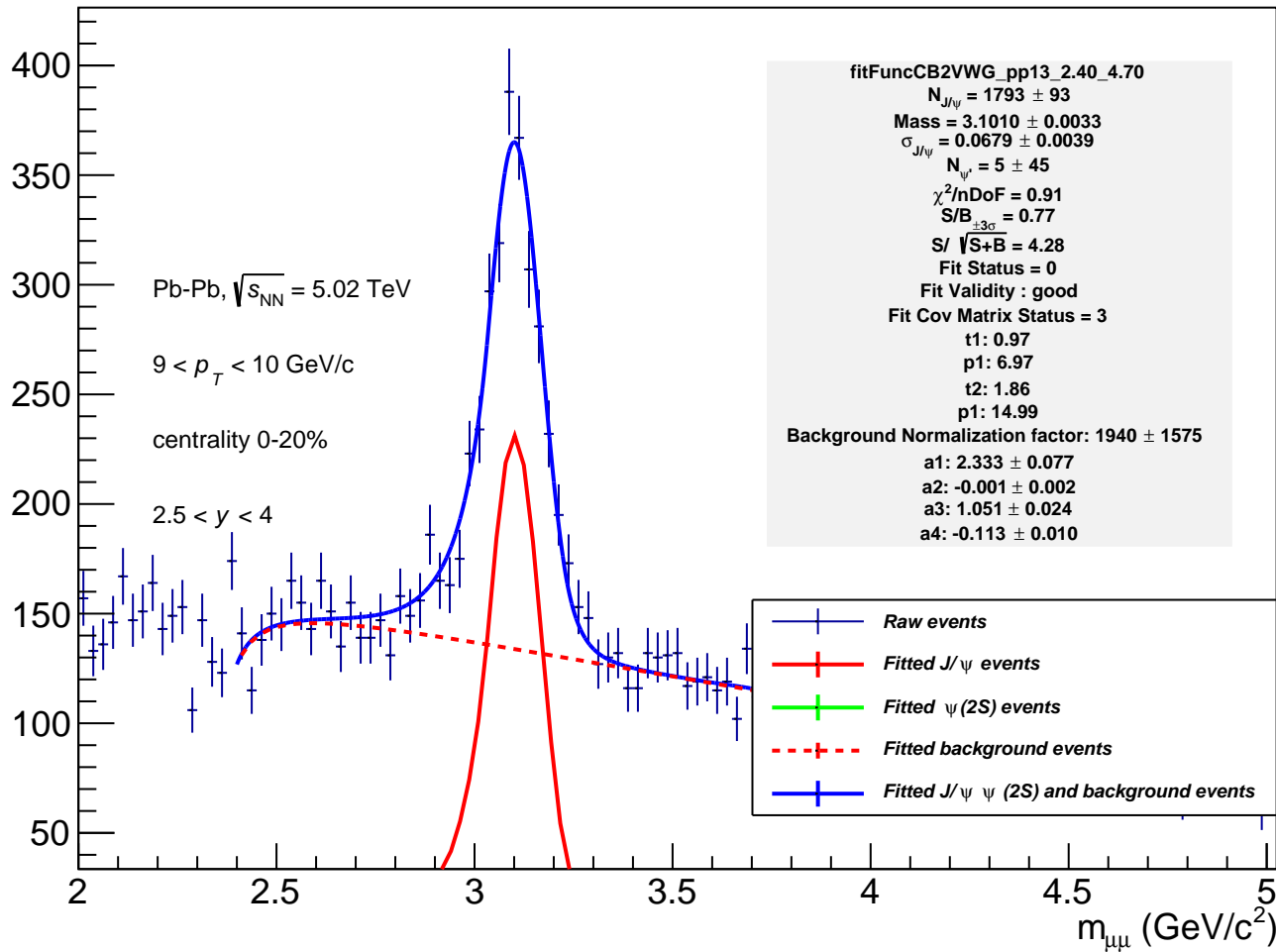
Events per 0.025 GeV



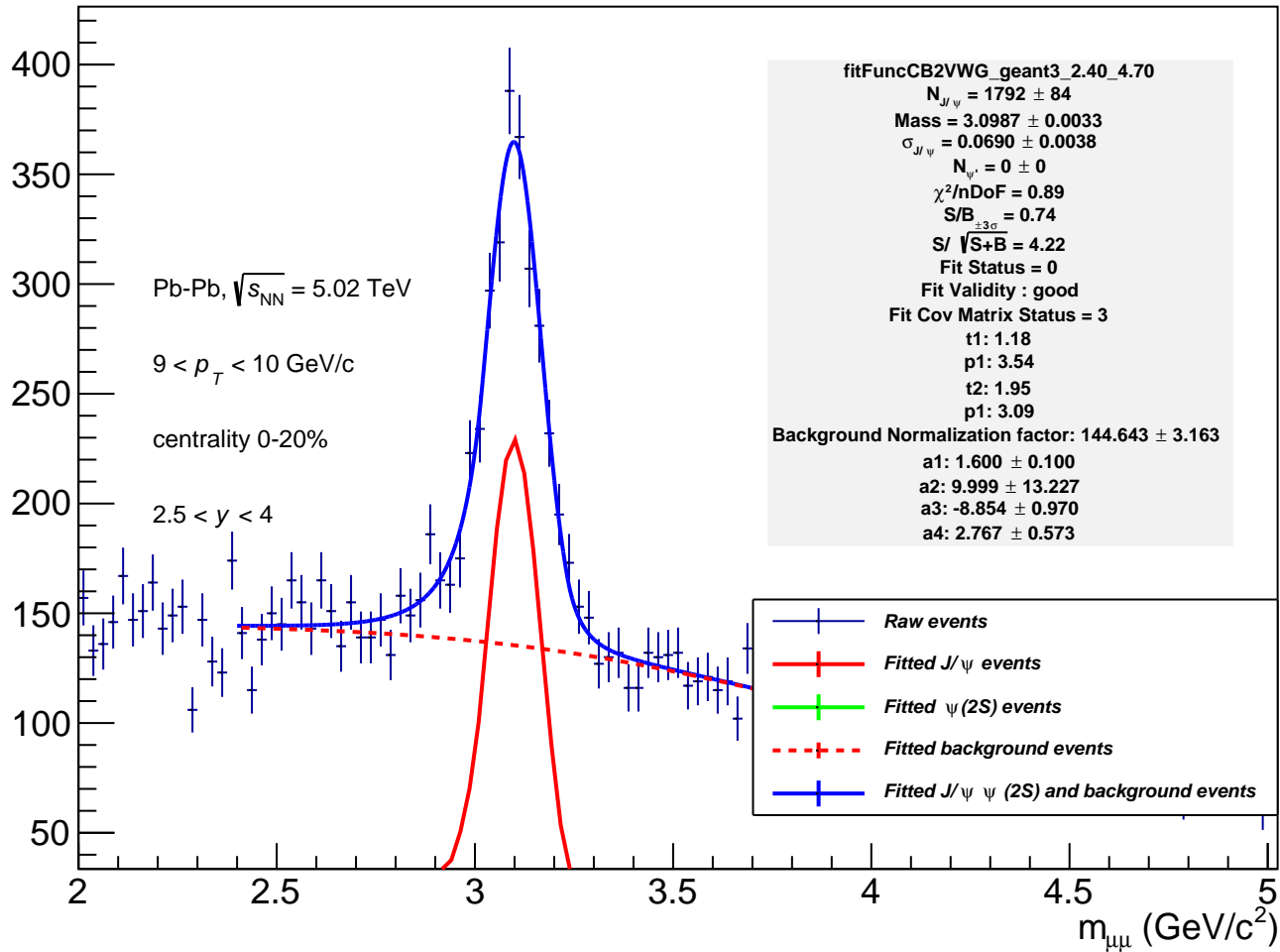
Events per 0.025 GeV



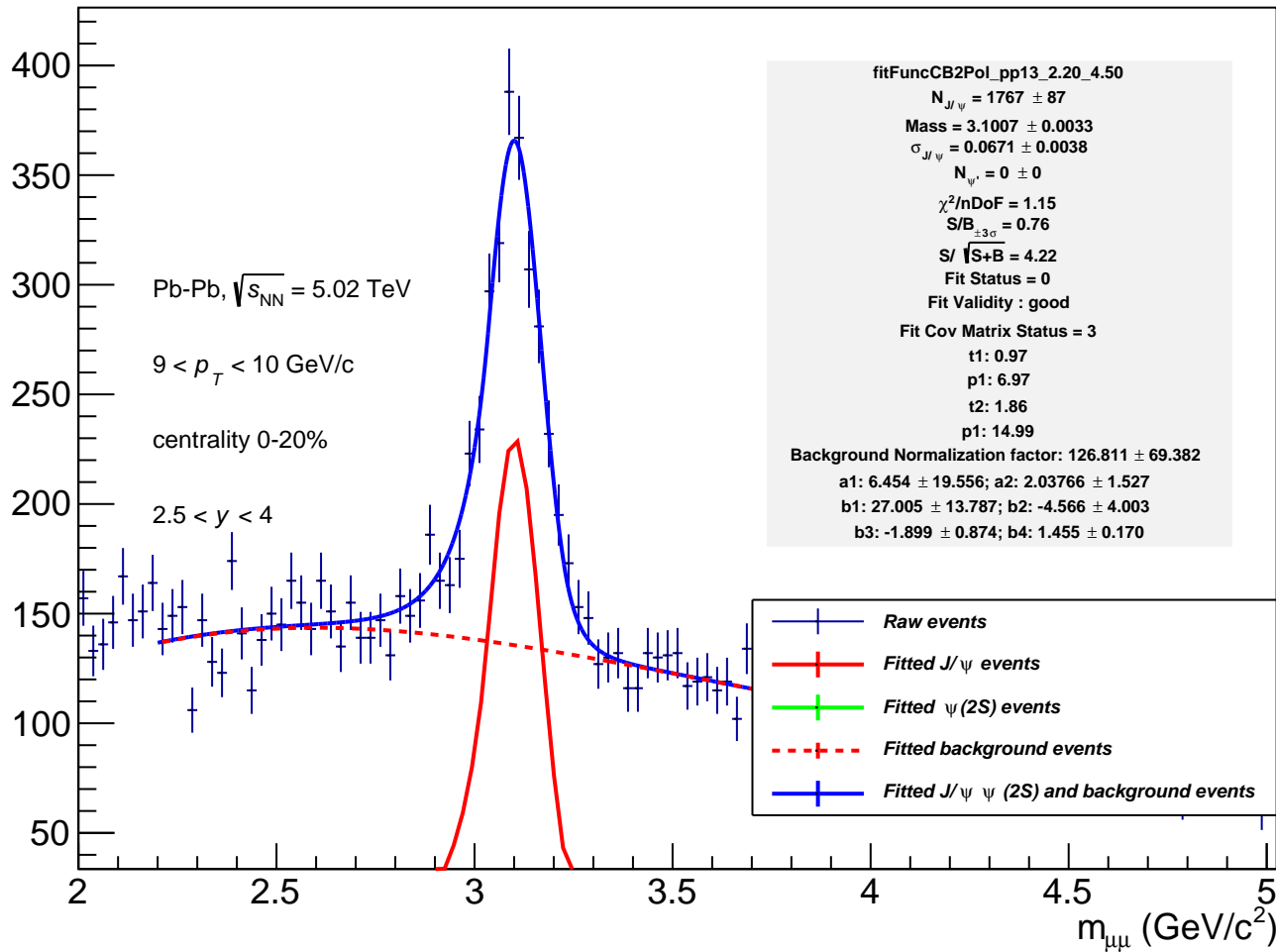
Events per 0.025 GeV



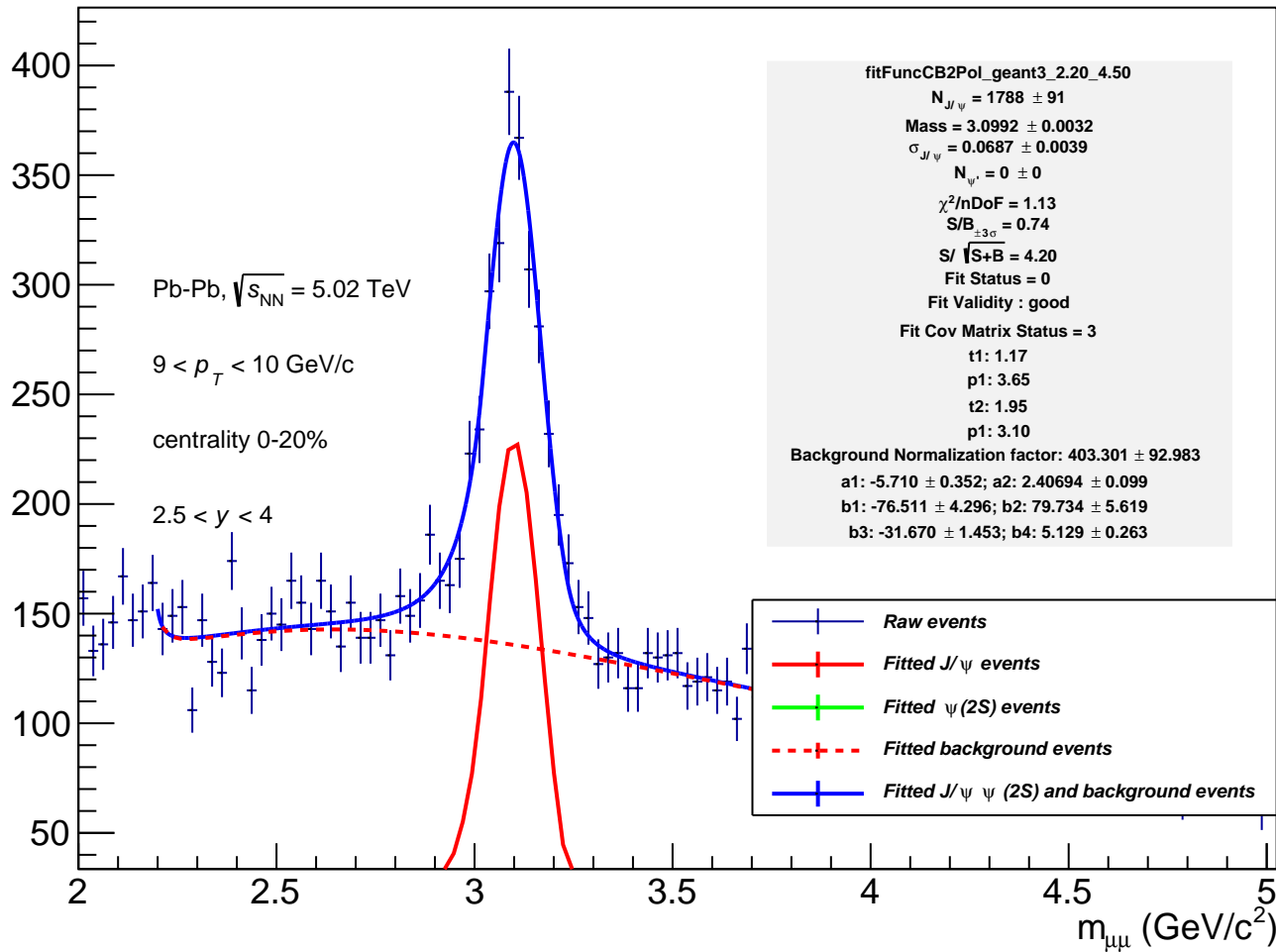
Events per 0.025 GeV



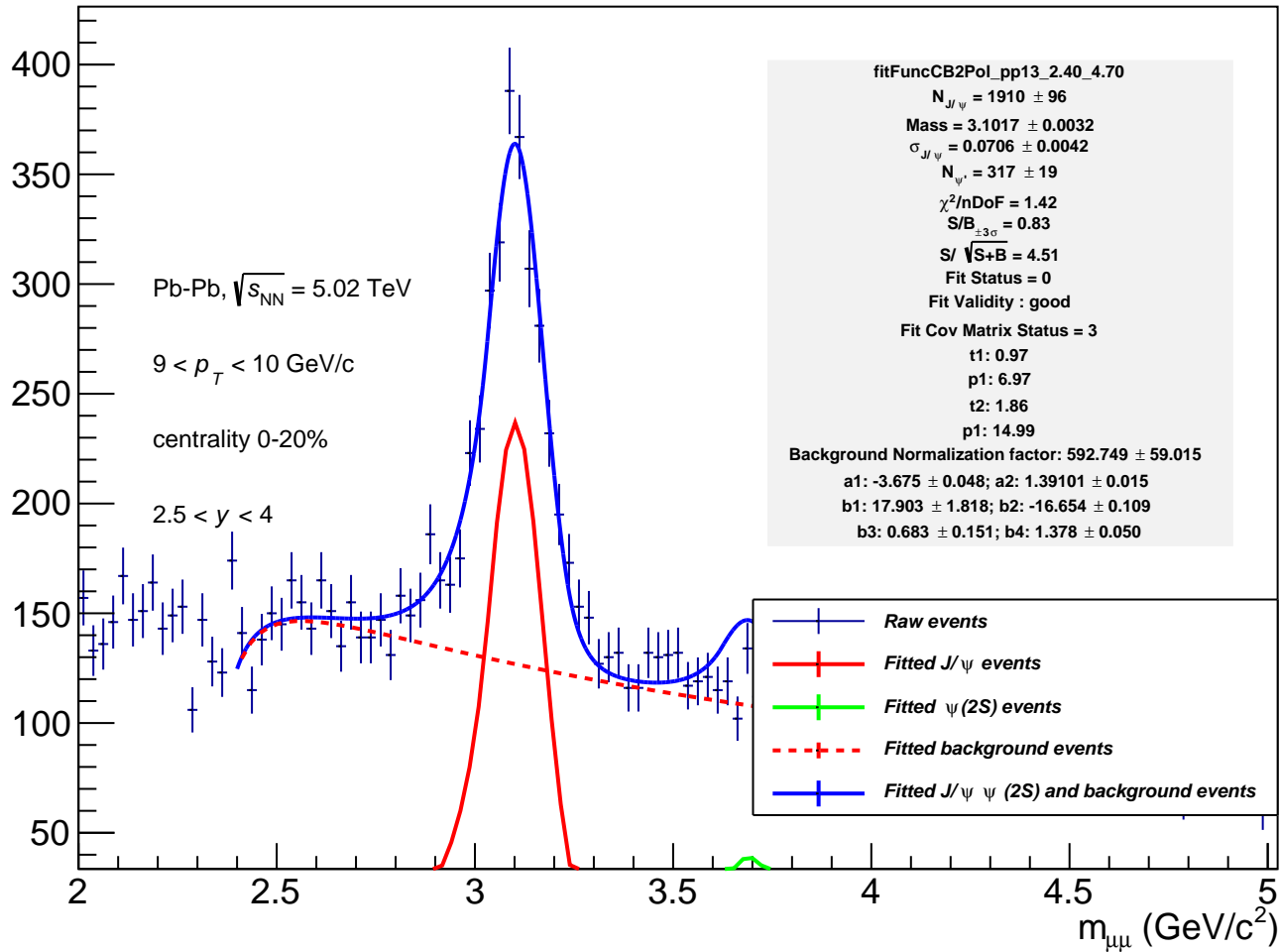
Events per 0.025 GeV



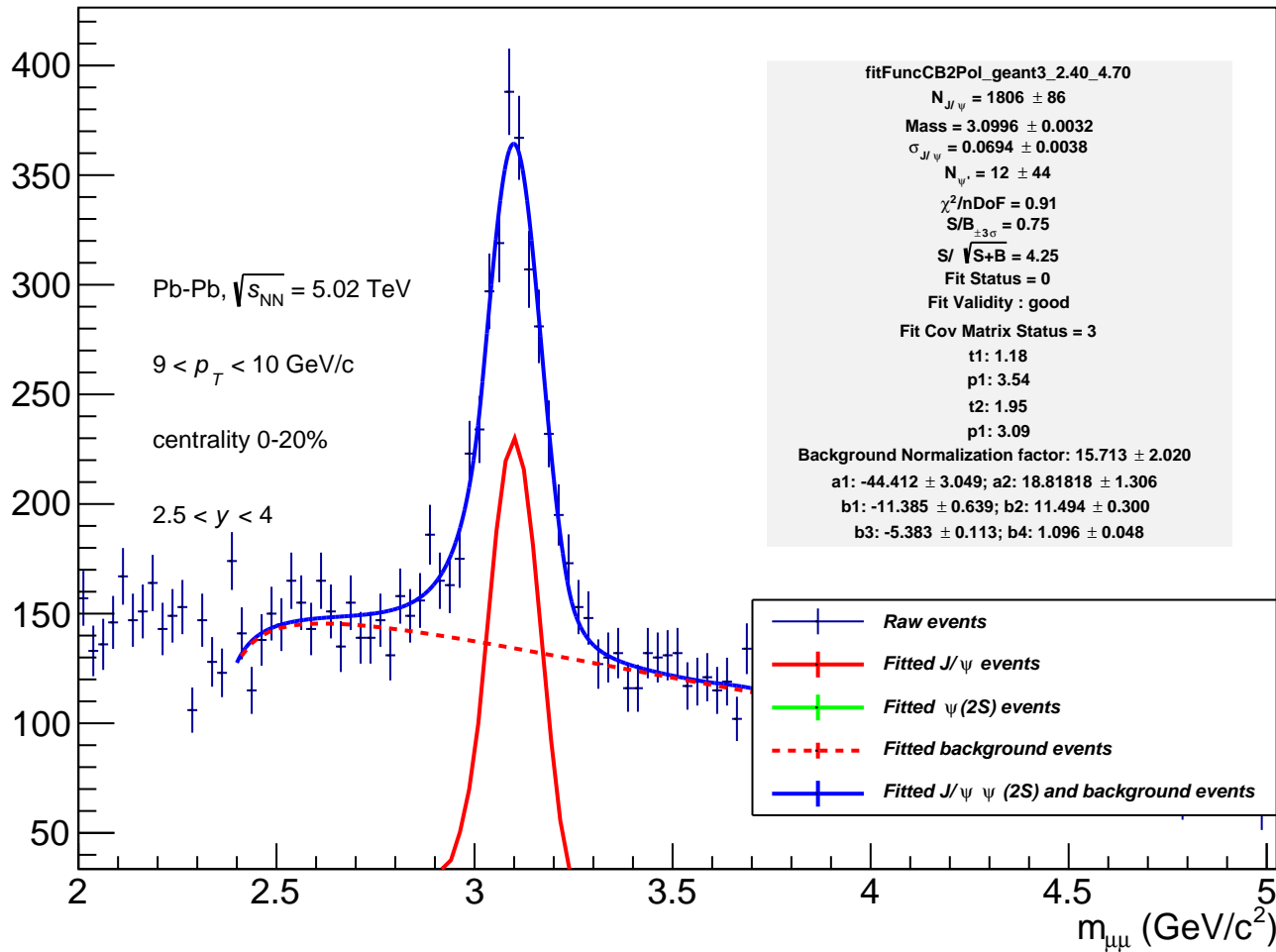
Events per 0.025 GeV



Events per 0.025 GeV

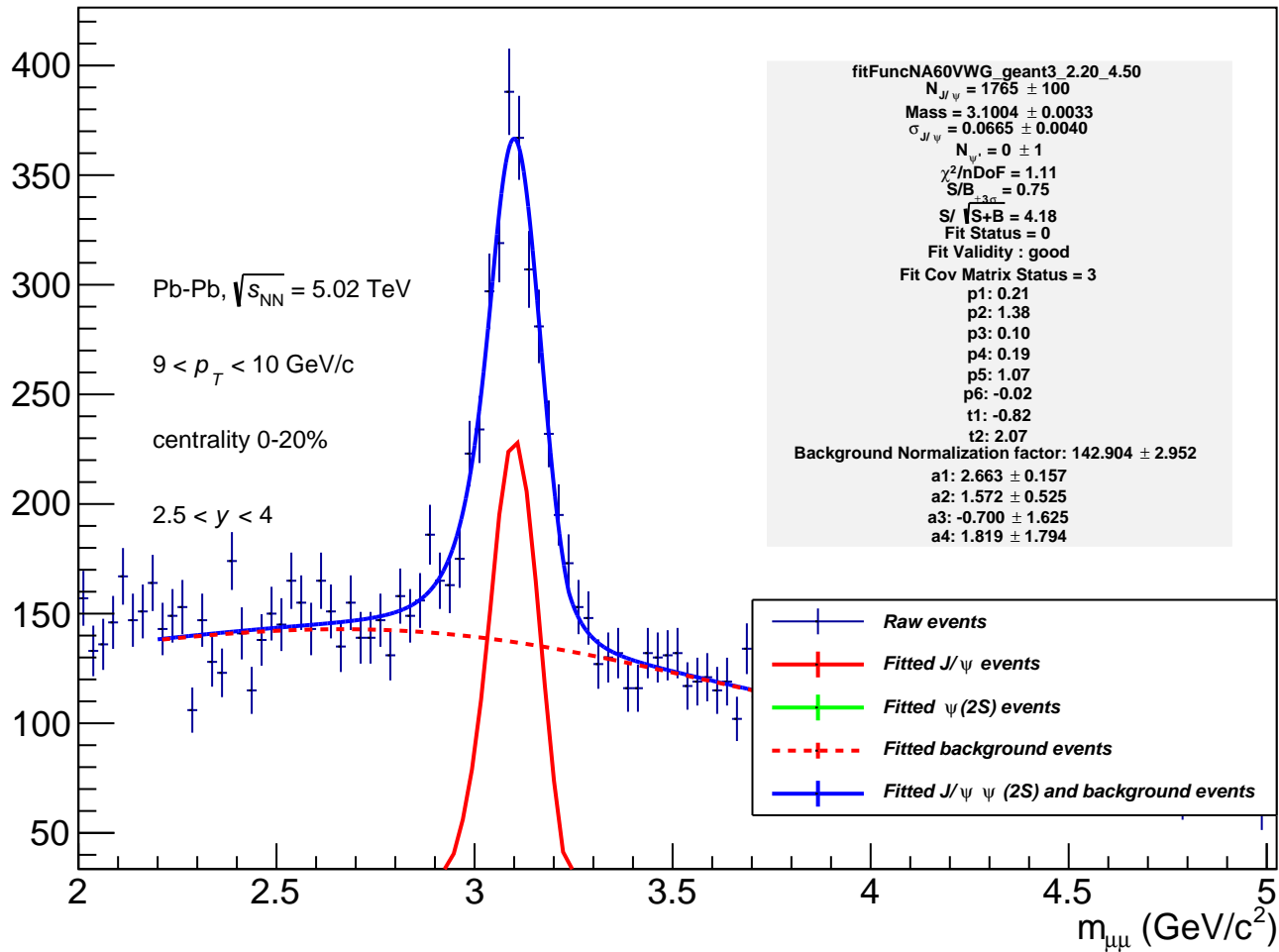


Events per 0.025 GeV

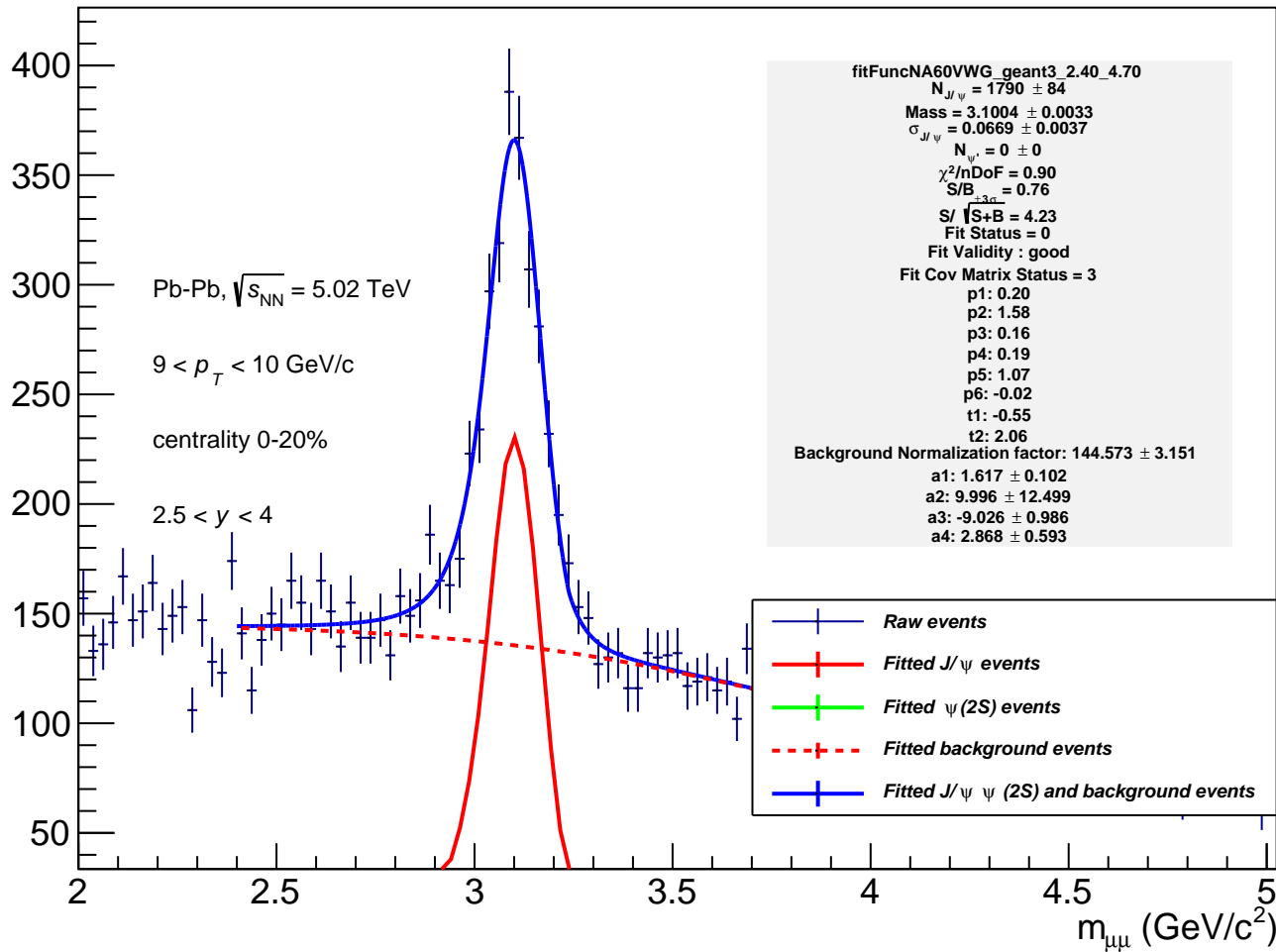




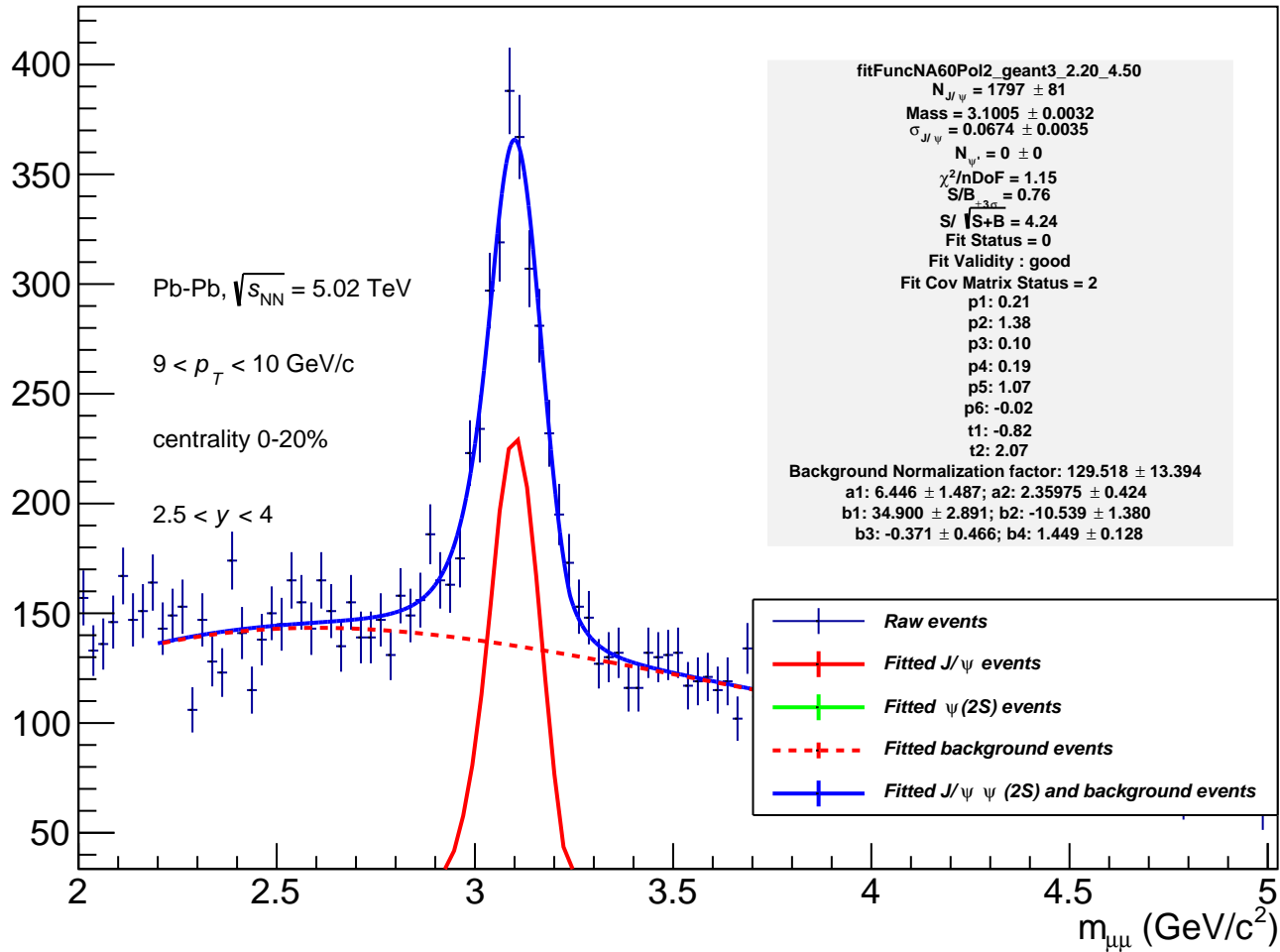
Events per 0.025 GeV



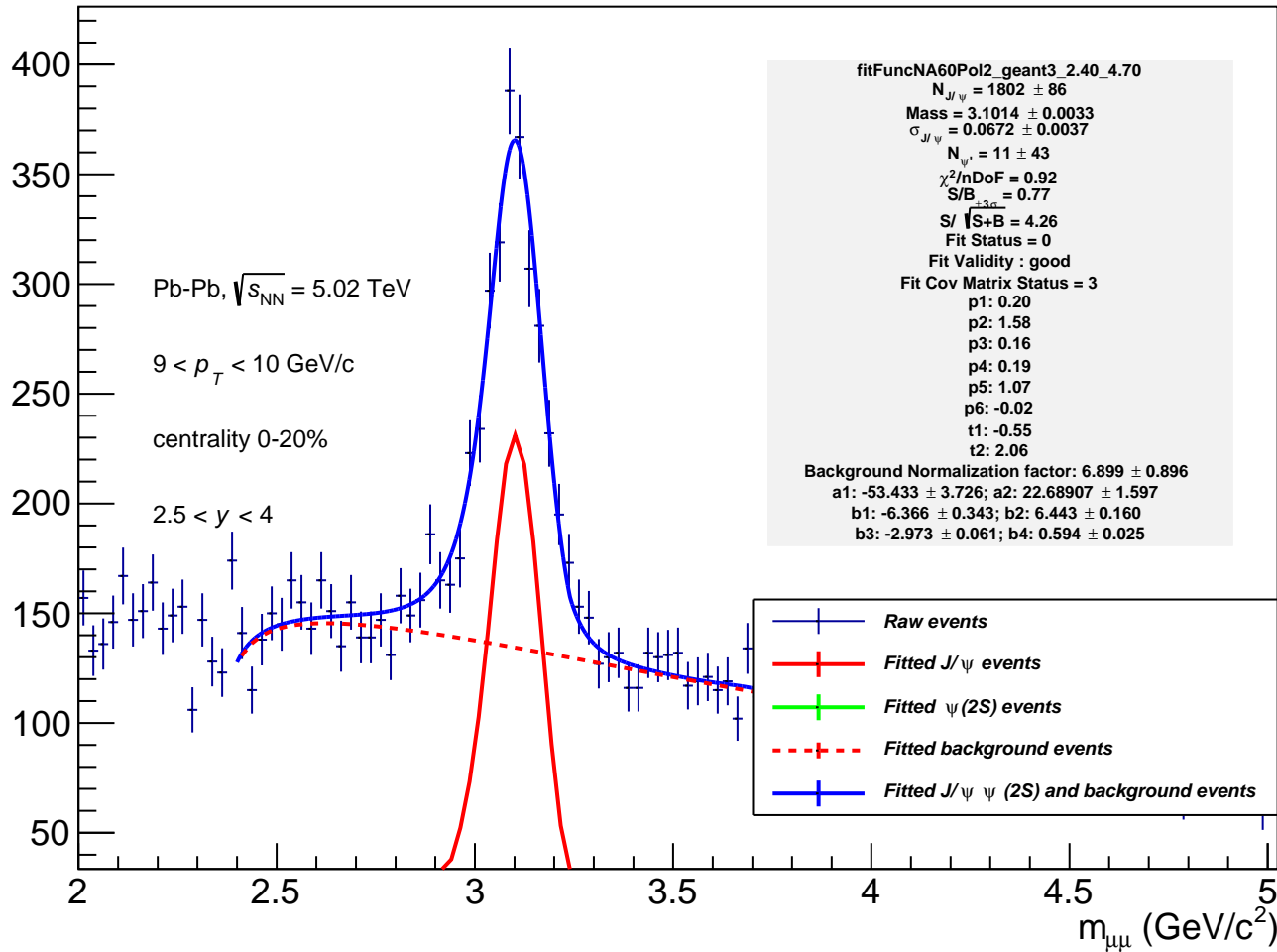
Events per 0.025 GeV



Events per 0.025 GeV



Events per 0.025 GeV



Events per 0.025 GeV

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

$9 < p_T < 10$  GeV/c

centrality 0-20%

$2.5 < y < 4$

**fitFuncCB2Exp\_pp13\_2.20\_4.50**

**$N_{J/\psi} = 1918 \pm 93$**

**Mass =  $3.0974 \pm 0.0035$**

**$\sigma_{J/\psi} = 0.0695 \pm 0.0042$**

**$N_{\psi'} = 230 \pm 14$**

**$\chi^2/nDoF = 1.30$**

**$S/B_{\pm 3\sigma} = 7.45$**

**$S/\sqrt{S+B} = 6.29$**

**Fit Status = 0**

**Fit Validity : good**

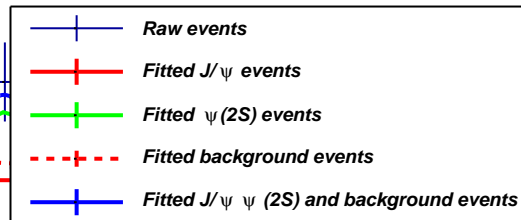
**Fit Cov Matrix Status = 3**

**t1: 0.97**

**p1: 6.97**

**t2: 1.86**

**p1: 14.99**



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

Events per 0.025 GeV

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

$9 < p_T < 10$  GeV/c

centrality 0-20%

$2.5 < y < 4$

**fitFuncCB2Exp\_geant3\_2.20\_4.50**

**$N_{J/\psi} = 1980 \pm 96$**

**Mass =  $3.0980 \pm 0.0034$**

**$\sigma_{J/\psi} = 0.0693 \pm 0.0042$**

**$N_{\psi'} = 238 \pm 14$**

**$\chi^2/nDoF = 1.29$**

**$S/B_{\pm 3\sigma} = 8.00$**

**$S/\sqrt{S+B} = 6.33$**

**Fit Status = 0**

**Fit Validity : good**

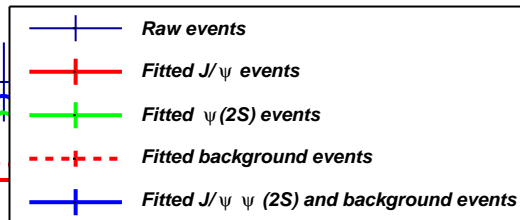
**Fit Cov Matrix Status = 3**

**t1: 0.97**

**p1: 3.98**

**t2: 2.30**

**p1: 3.03**



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

Events per 0.025 GeV

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

$9 < p_T < 10$  GeV/c

centrality 0-20%

$2.5 < y < 4$

**fitFuncCB2Exp\_pp13\_2.40\_4.70**

**$N_{J/\psi} = 1837 \pm 89$**

**Mass =  $3.0976 \pm 0.0033$**

**$\sigma_{J/\psi} = 0.0675 \pm 0.0039$**

**$N_{\psi'} = 24 \pm 50$**

**$\chi^2/nDoF = 1.05$**

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

**$S/\sqrt{S+B} = 6.05$**

**Fit Status = 0**

**Fit Validity : good**

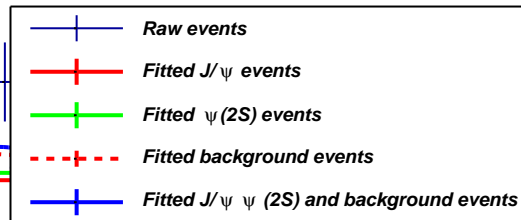
**Fit Cov Matrix Status = 3**

**t1: 0.97**

**p1: 6.97**

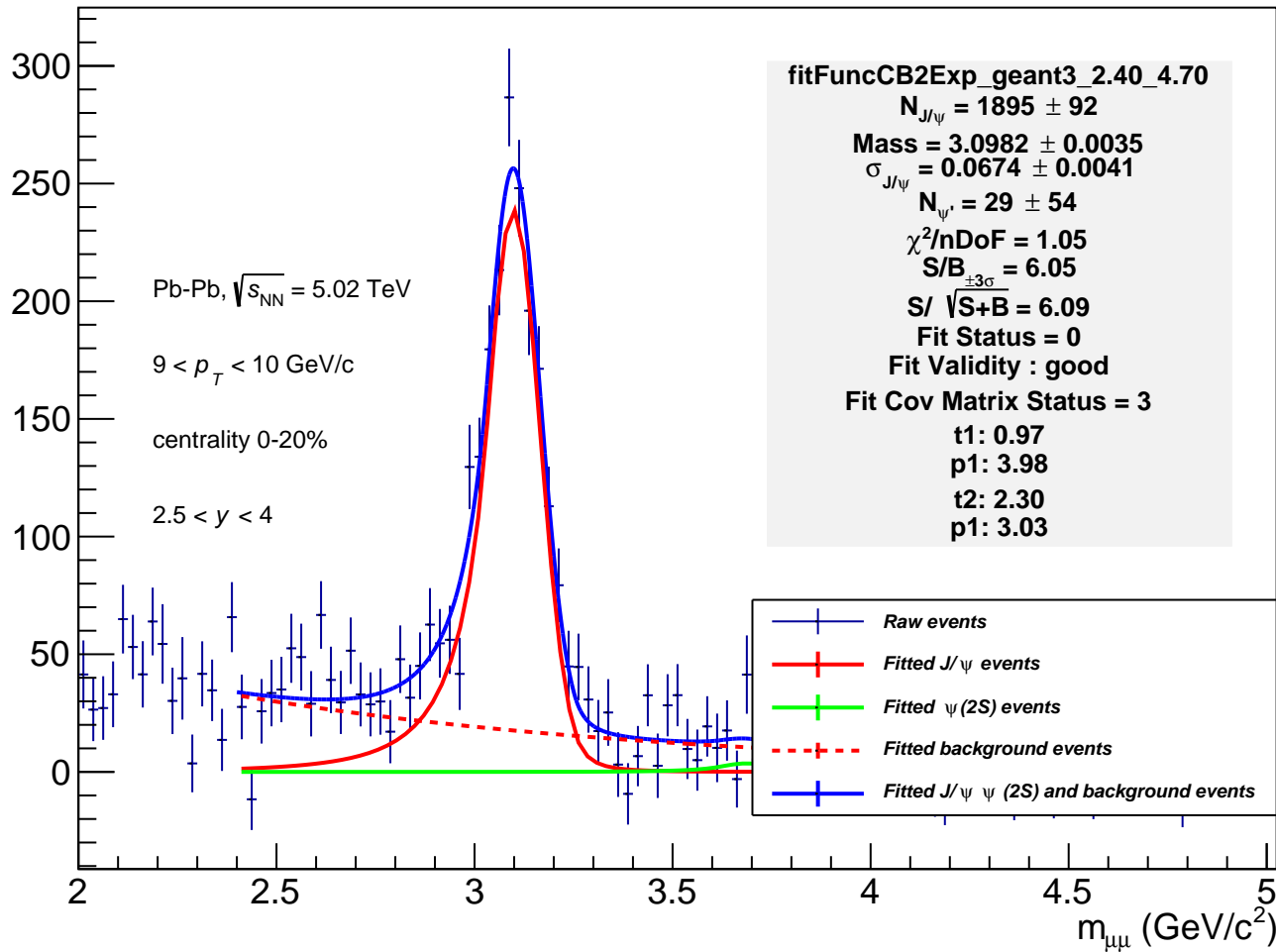
**t2: 1.86**

**p1: 14.99**



$m_{\mu\mu}$  (GeV/c<sup>2</sup>)

Events per 0.025 GeV





Events per 0.025 GeV

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

$9 < p_T < 10$  GeV/c

centrality 0-20%

$2.5 < y < 4$

fitFuncNA60Exp\_geant3\_2.20\_4.50

$N_{J/\psi} = 1941 \pm 93$

Mass =  $3.0972 \pm 0.0034$

$\sigma_{J/\psi} = 0.0693 \pm 0.0040$

$N_{\psi'} = 232 \pm 13$

$\chi^2/nDoF = 1.30$

S/B = 7.62

S/  $\sqrt{S+B} = 6.30$

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

p1: 0.21

p2: 1.38

p3: 0.10

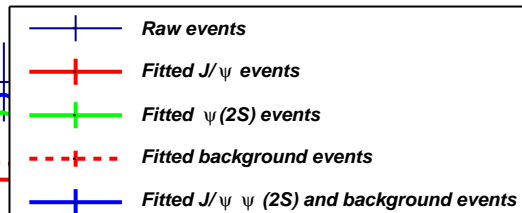
p4: 0.19

p5: 1.07

p6: -0.02

t1: -0.82

t2: 2.07



$m_{\mu\mu}$  (GeV/c<sup>2</sup>)

Events per 0.025 GeV

