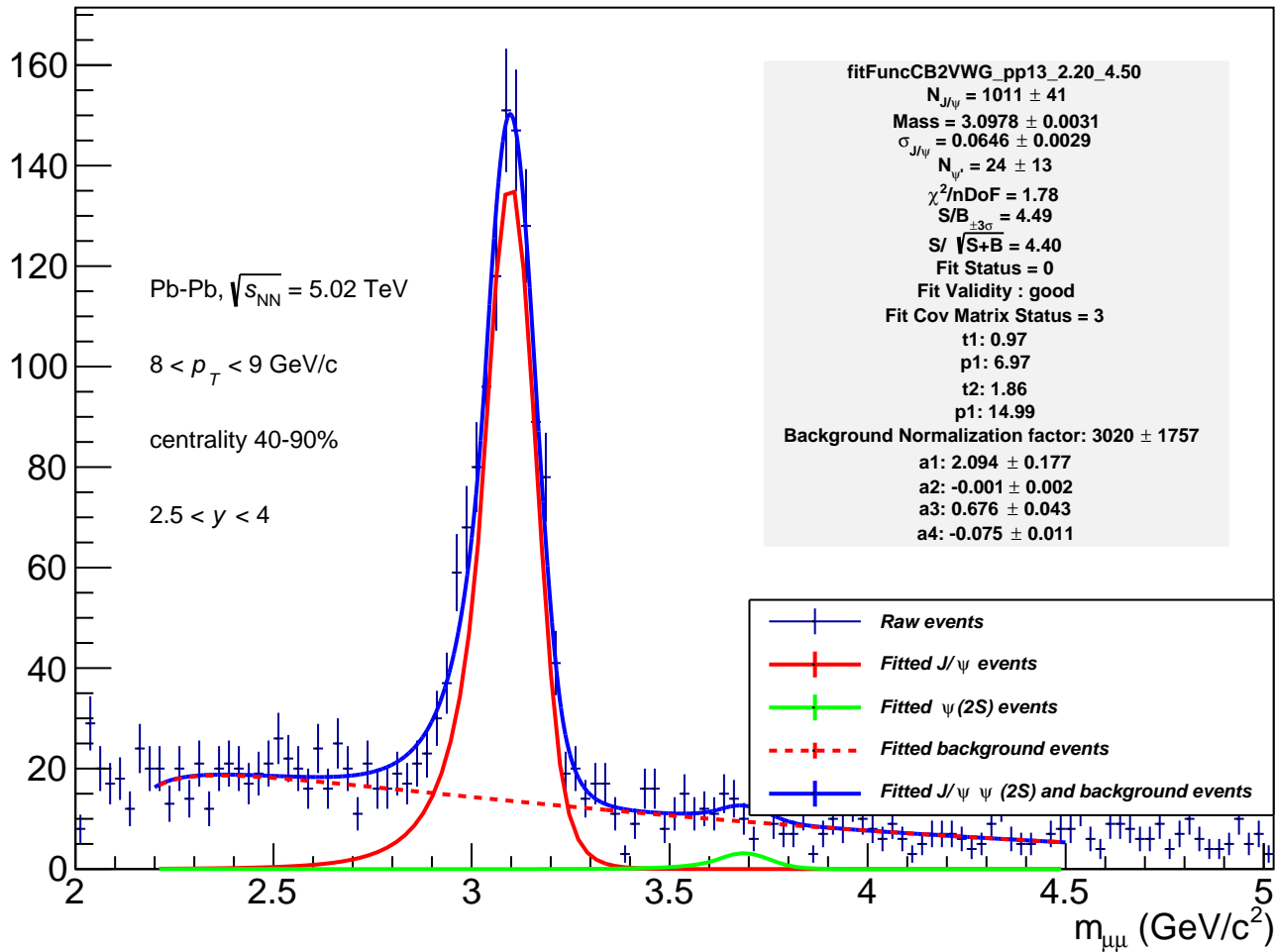
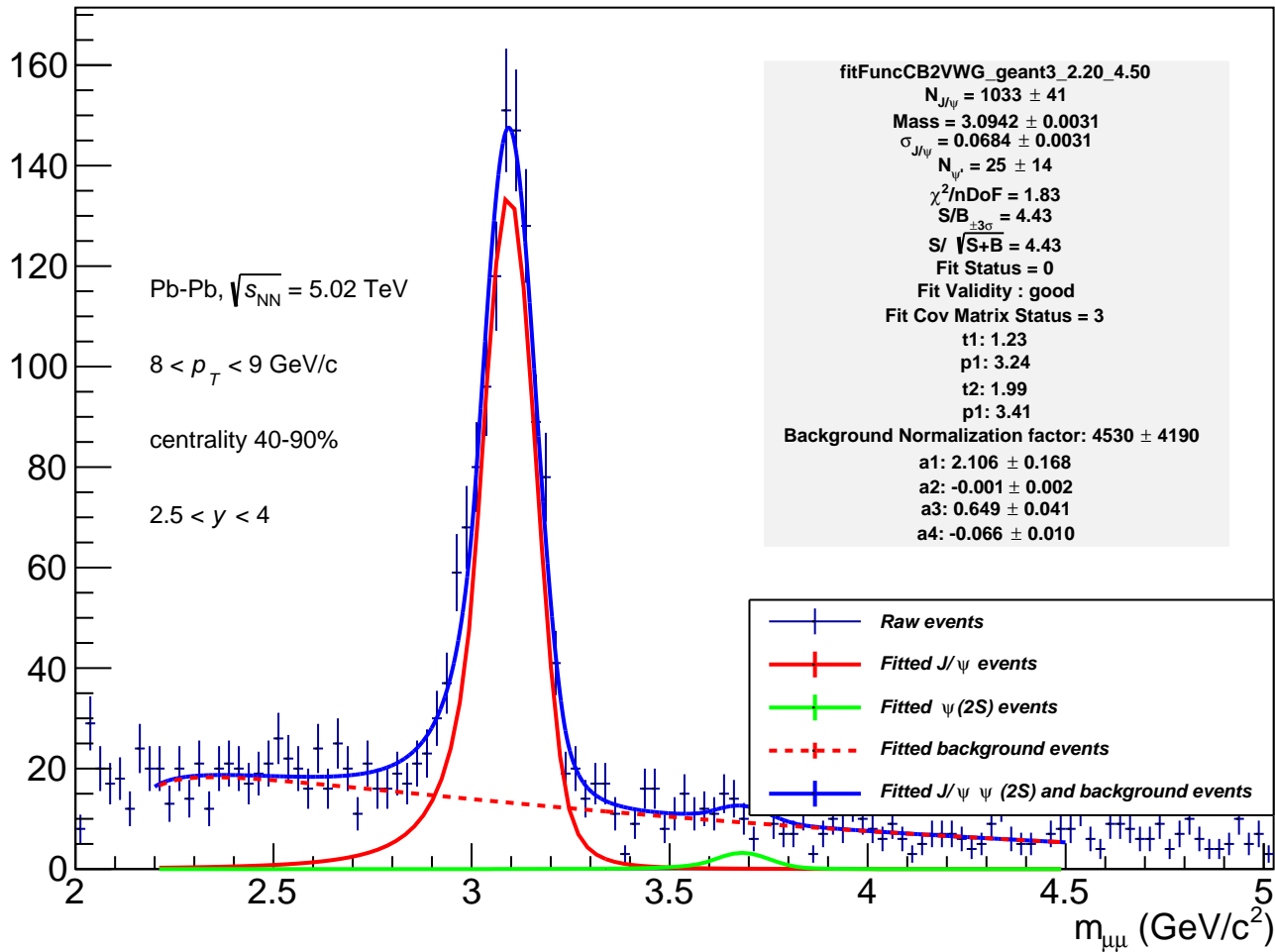


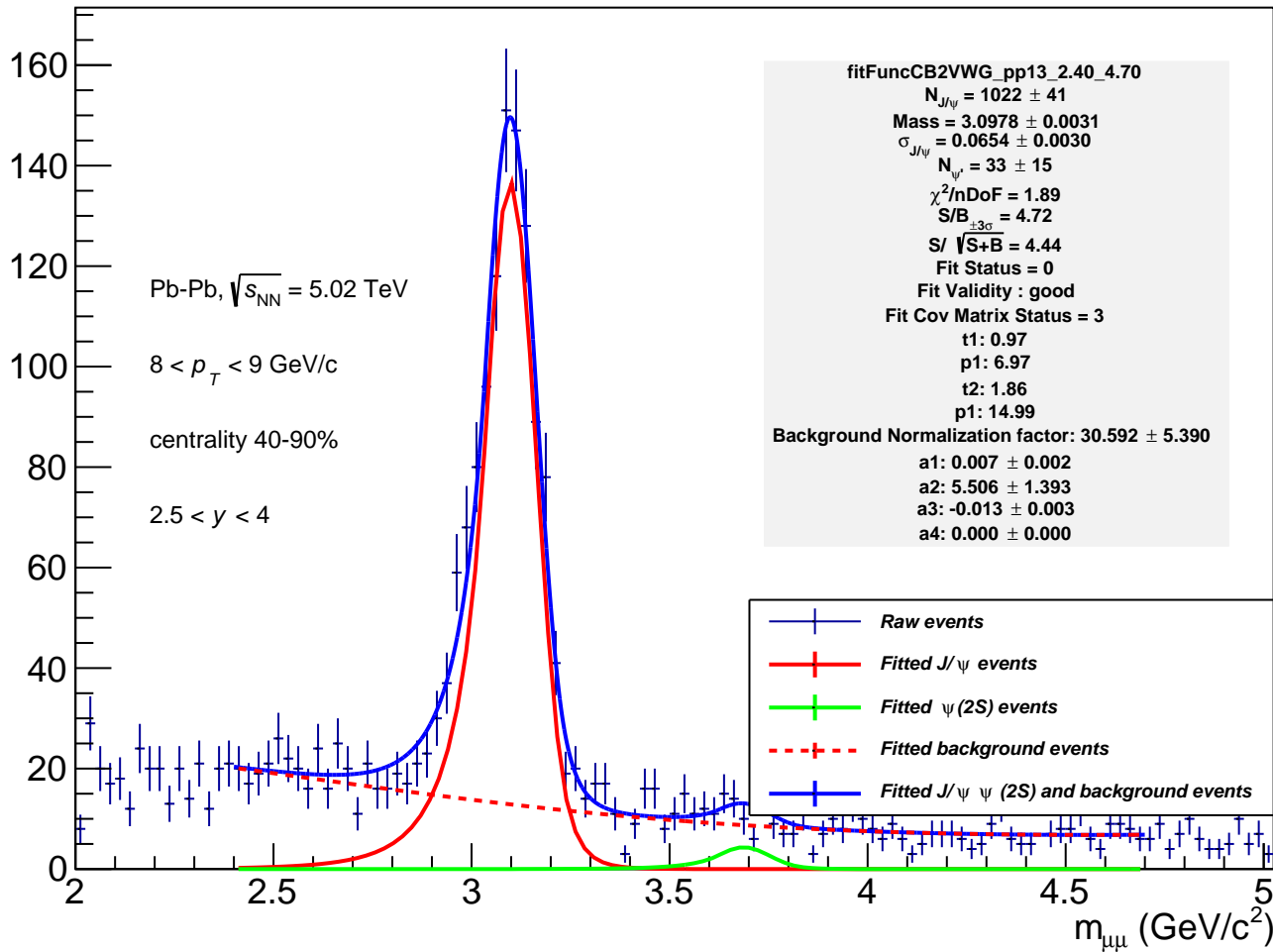
Events per 0.025 GeV



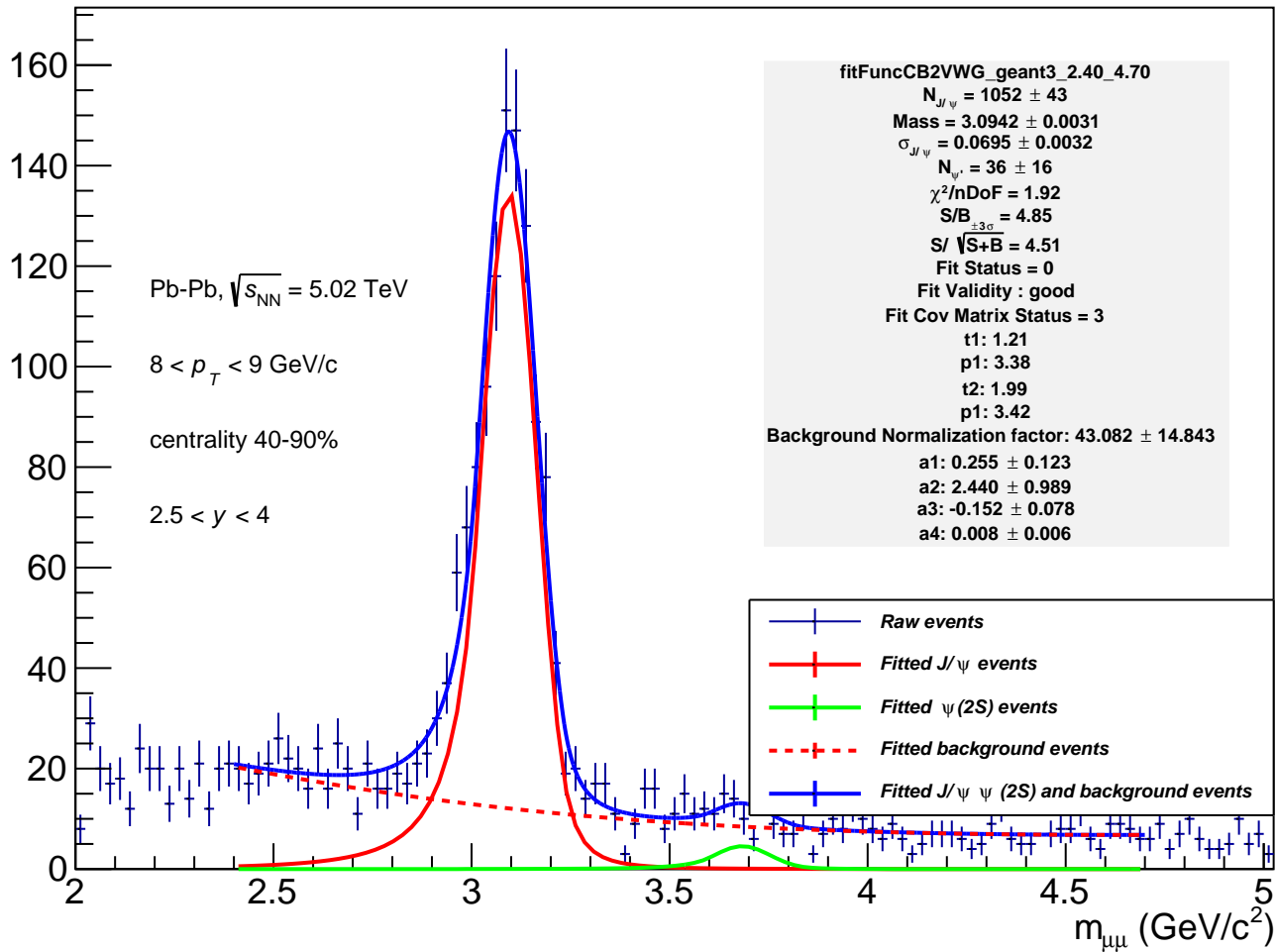
Events per 0.025 GeV



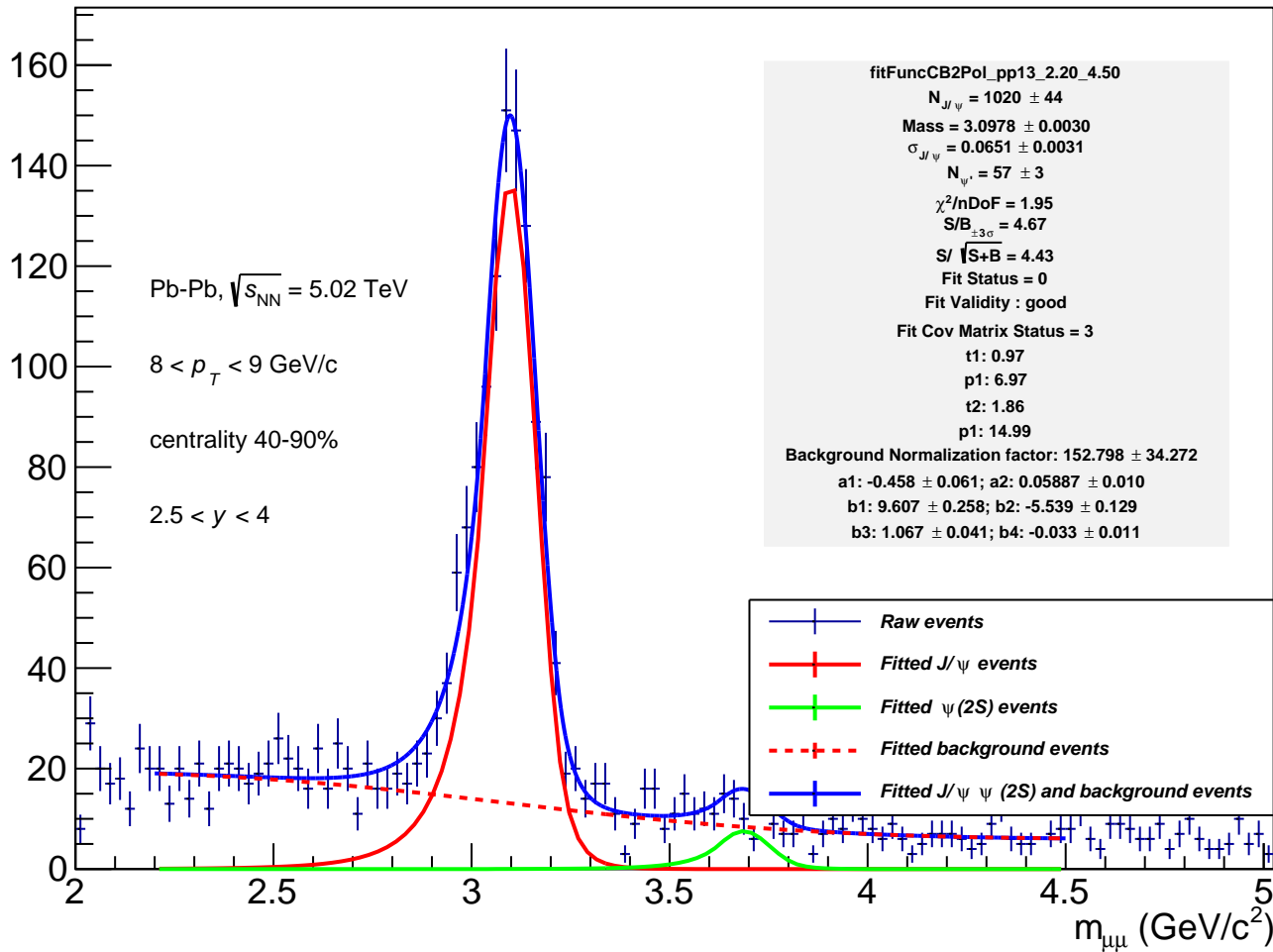
Events per 0.025 GeV



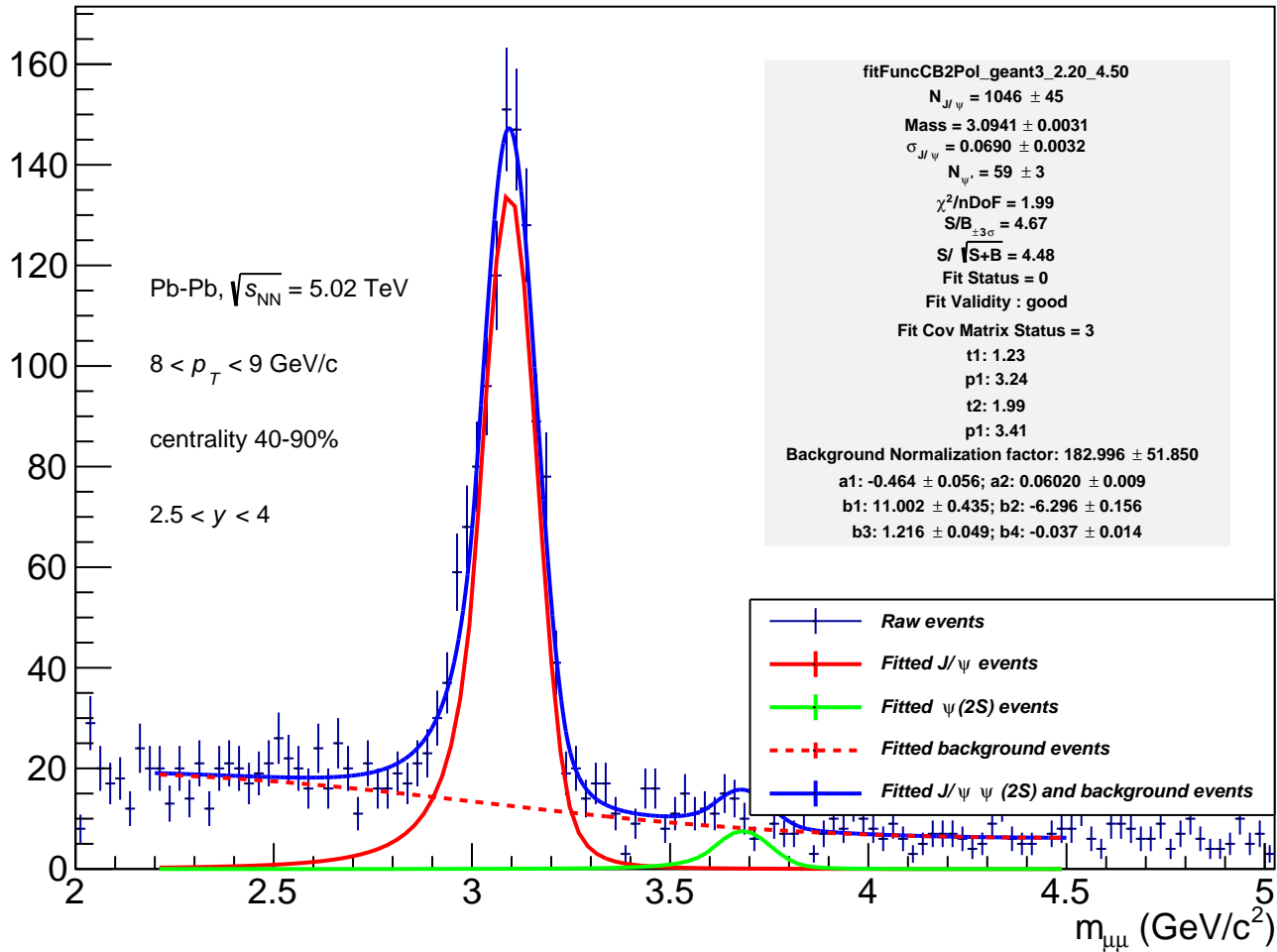
Events per 0.025 GeV



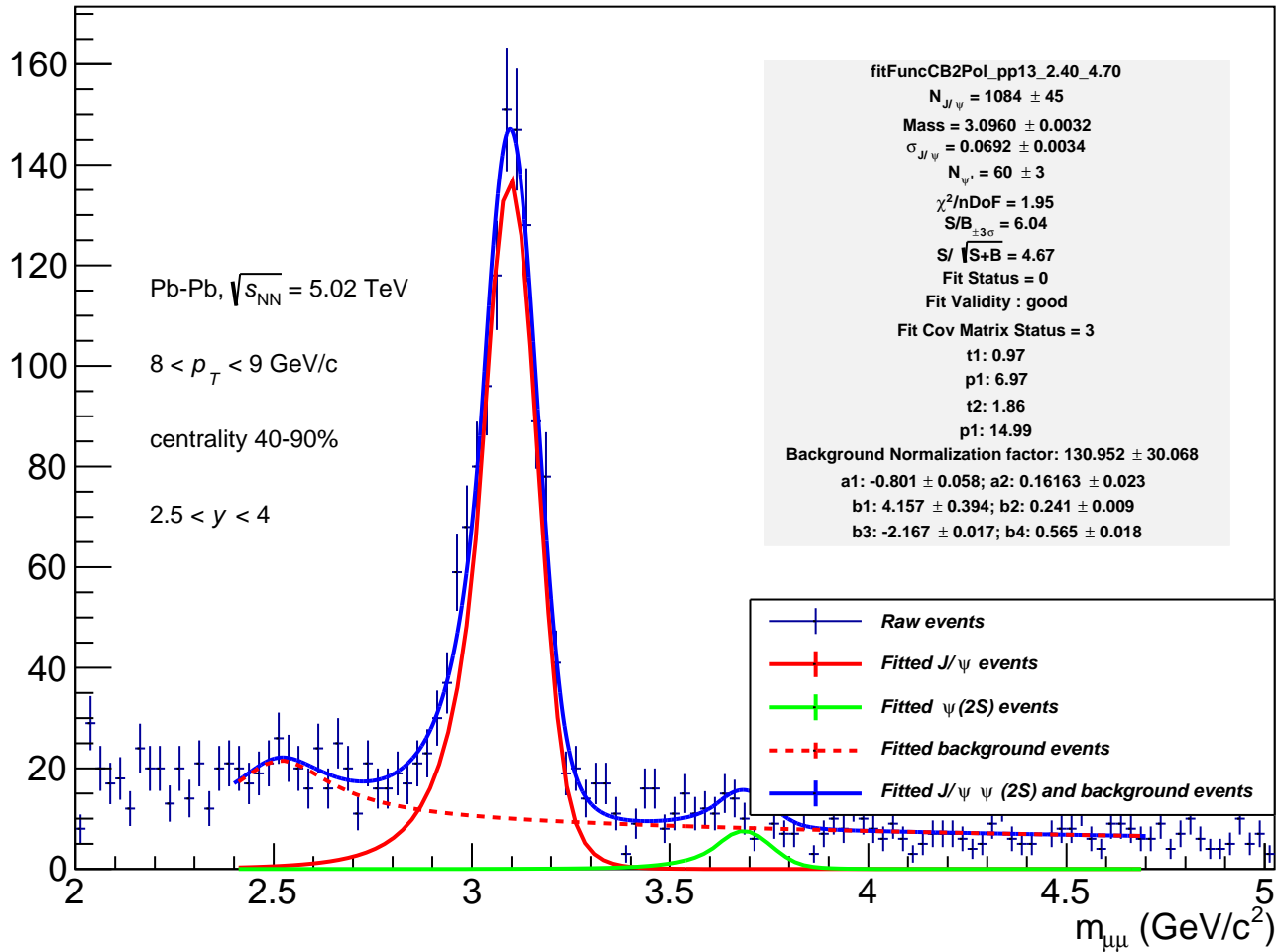
Events per 0.025 GeV



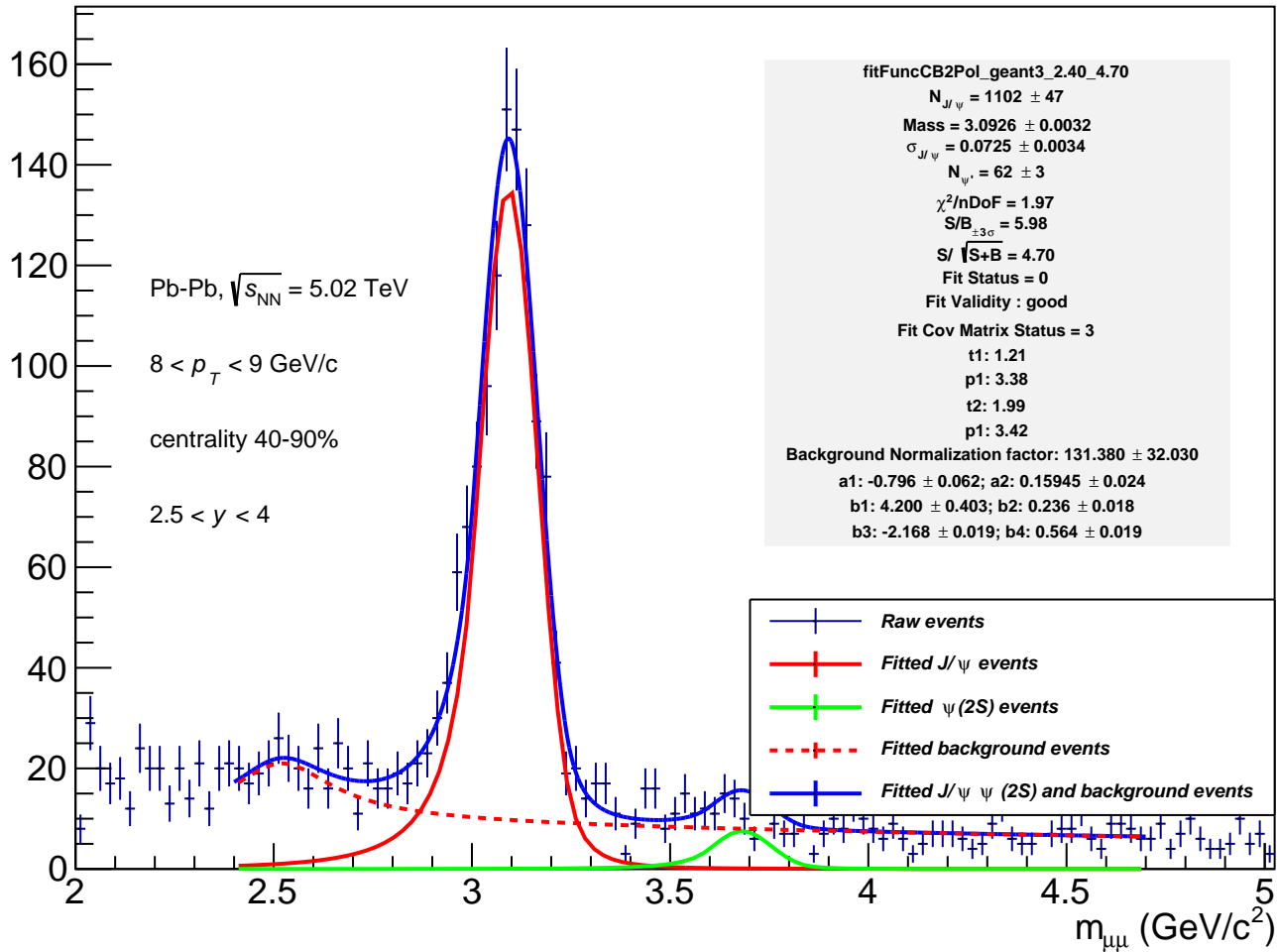
Events per 0.025 GeV



Events per 0.025 GeV



Events per 0.025 GeV



Events per 0.025 GeV

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

$8 < p_T < 9$ GeV/c

centrality 40-90%

$2.5 < y < 4$

fitFuncNA60VWG_geant3_2.20_4.50

$N_{J/\psi} = 1050 \pm 41$

Mass = 3.0981 ± 0.0031

$\sigma_{J/\psi} = 0.0651 \pm 0.0029$

$N_{\psi(2S)} = 32 \pm 16$

$\chi^2/nDoF = 1.77$

S/B = 4.98

S/ $\sqrt{S+B}$ = 4.49

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

p1: 0.19

p2: 1.47

p3: 0.10

p4: 0.17

p5: 1.34

p6: 0.04

t1: -0.35

t2: 1.58

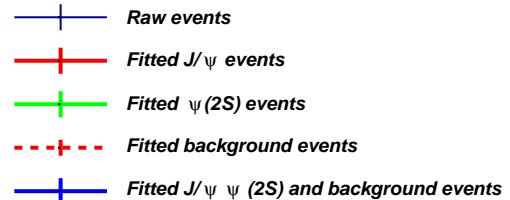
Background Normalization factor: 18.726 ± 1.128

a1: 2.396 ± 0.078

a2: 0.411 ± 0.154

a3: 1.313 ± 0.577

a4: -0.254 ± 0.637



$m_{\mu\mu}$ (GeV/c²)

Events per 0.025 GeV

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

$8 < p_T < 9$ GeV/c

centrality 40-90%

$2.5 < y < 4$

fitFuncNA60VWG_geant3_2.40_4.70

$N_{J/\psi} = 1057 \pm 43$

Mass = 3.0979 ± 0.0031

$\sigma_{J/\psi} = 0.0659 \pm 0.0030$

$N_{\psi(2S)} = 37 \pm 16$

$\chi^2/nDoF = 1.87$

$S/B = 5.16$

$S/\sqrt{S+B} = 4.53$

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

p1: 0.19

p2: 1.53

p3: 0.12

p4: 0.17

p5: 1.31

p6: 0.03

t1: -0.32

t2: 1.62

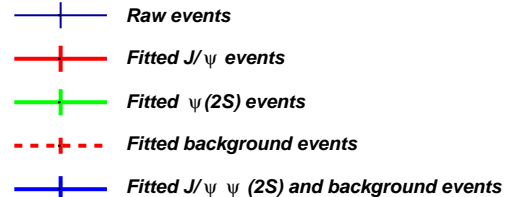
Background Normalization factor: 49.113 ± 20.254

a1: 0.144 ± 0.073

a2: 2.286 ± 0.939

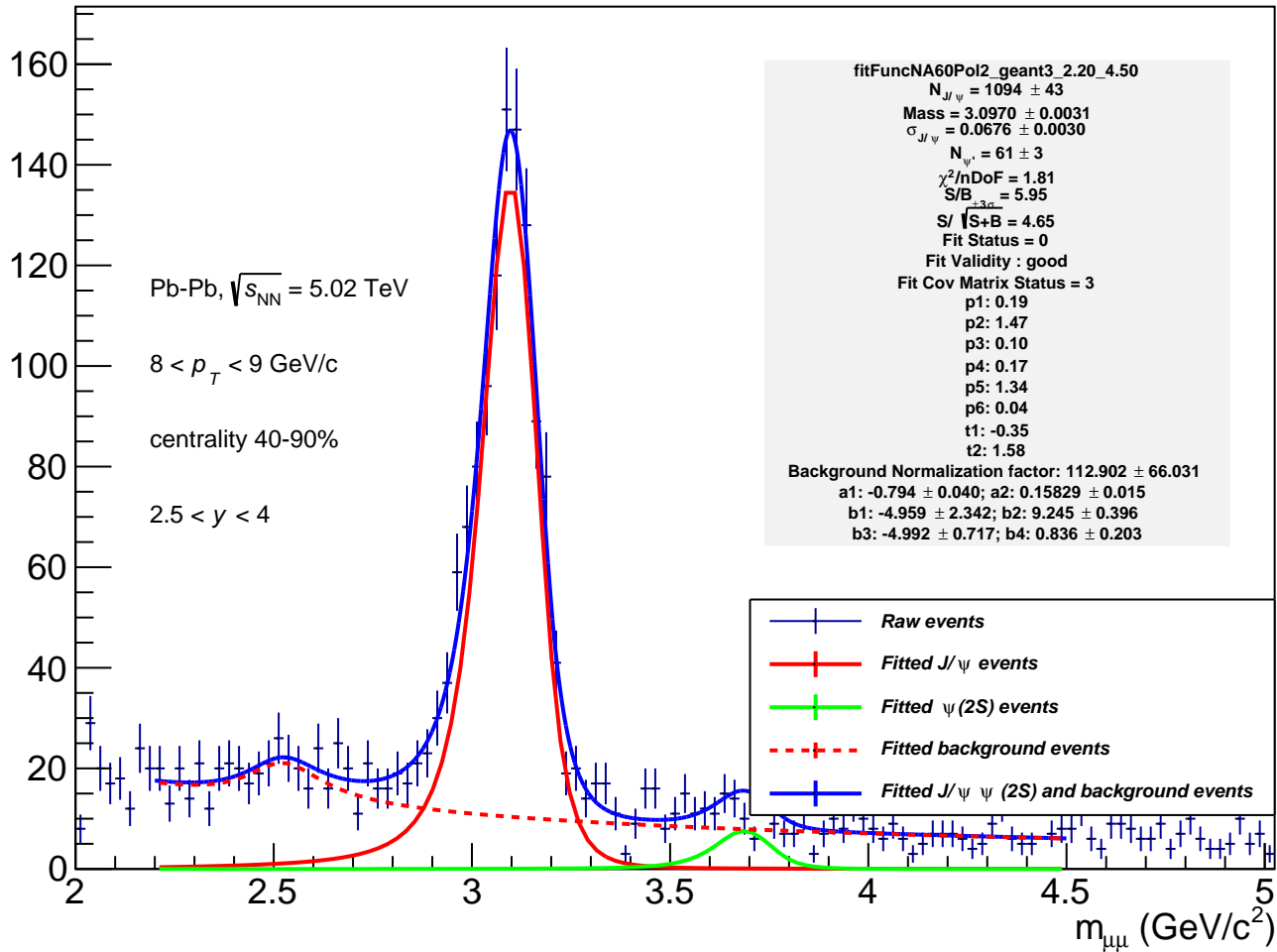
a3: -0.074 ± 0.042

a4: 0.002 ± 0.002

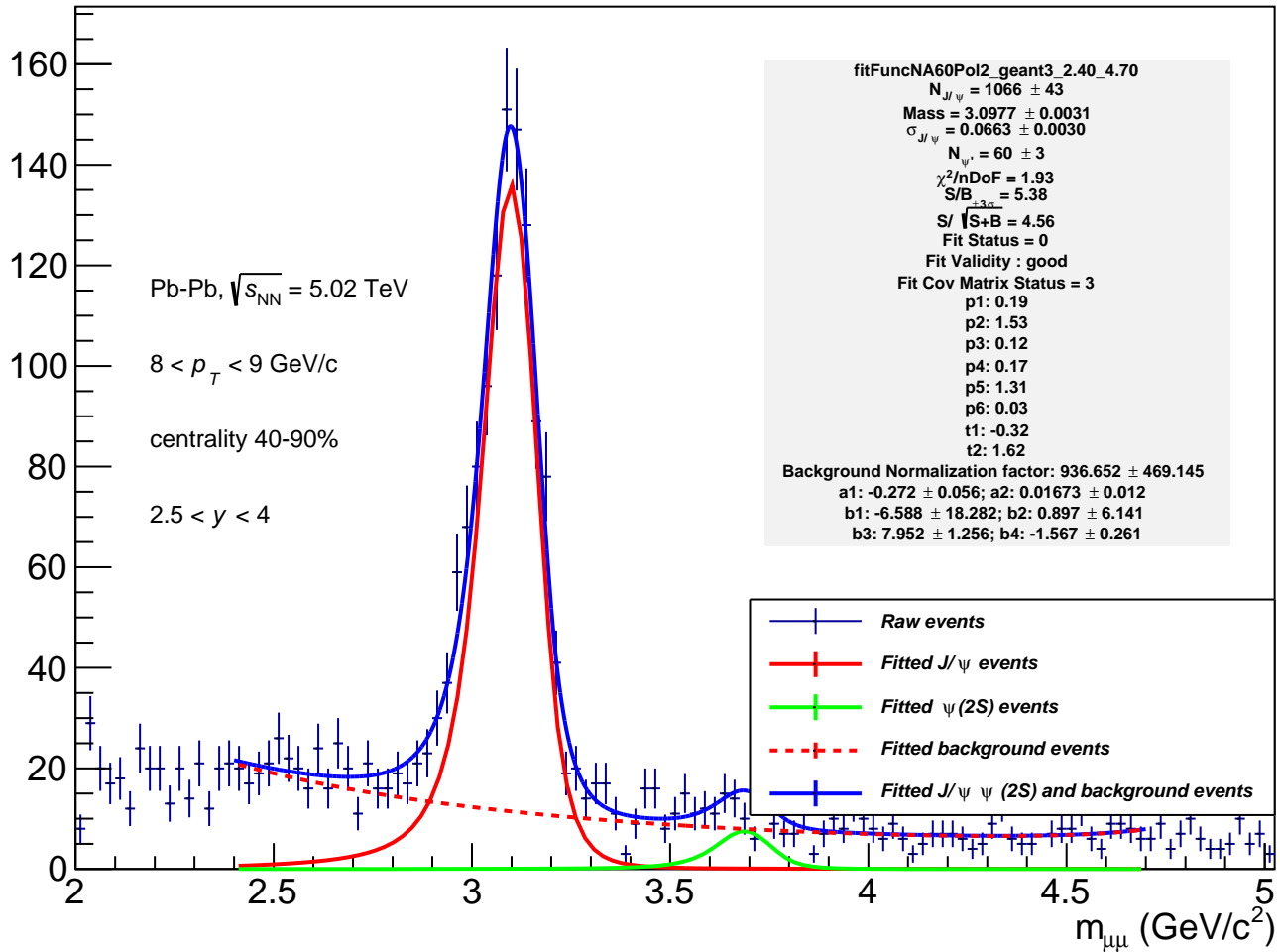


$m_{\mu\mu}$ (GeV/c²)

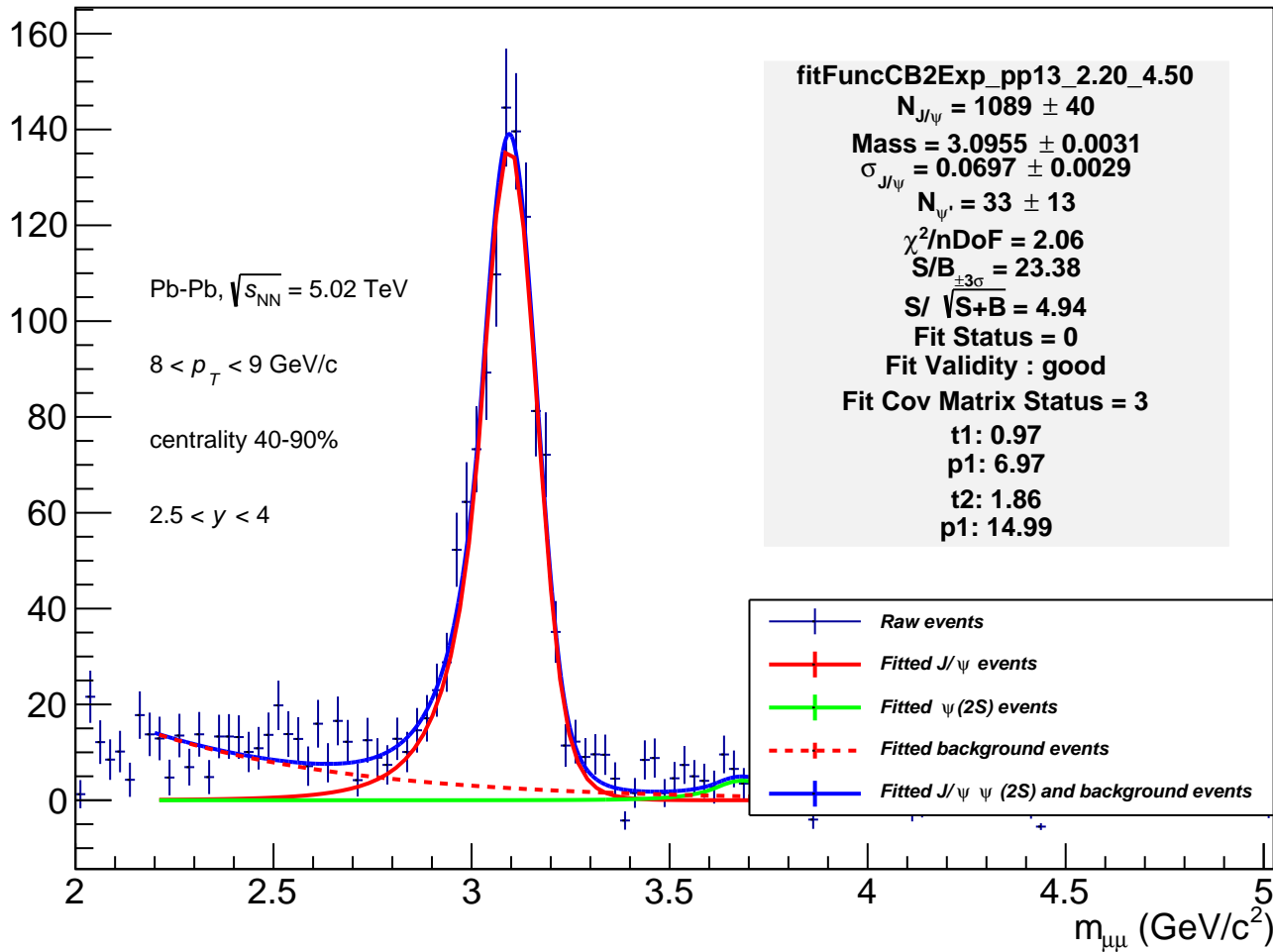
Events per 0.025 GeV



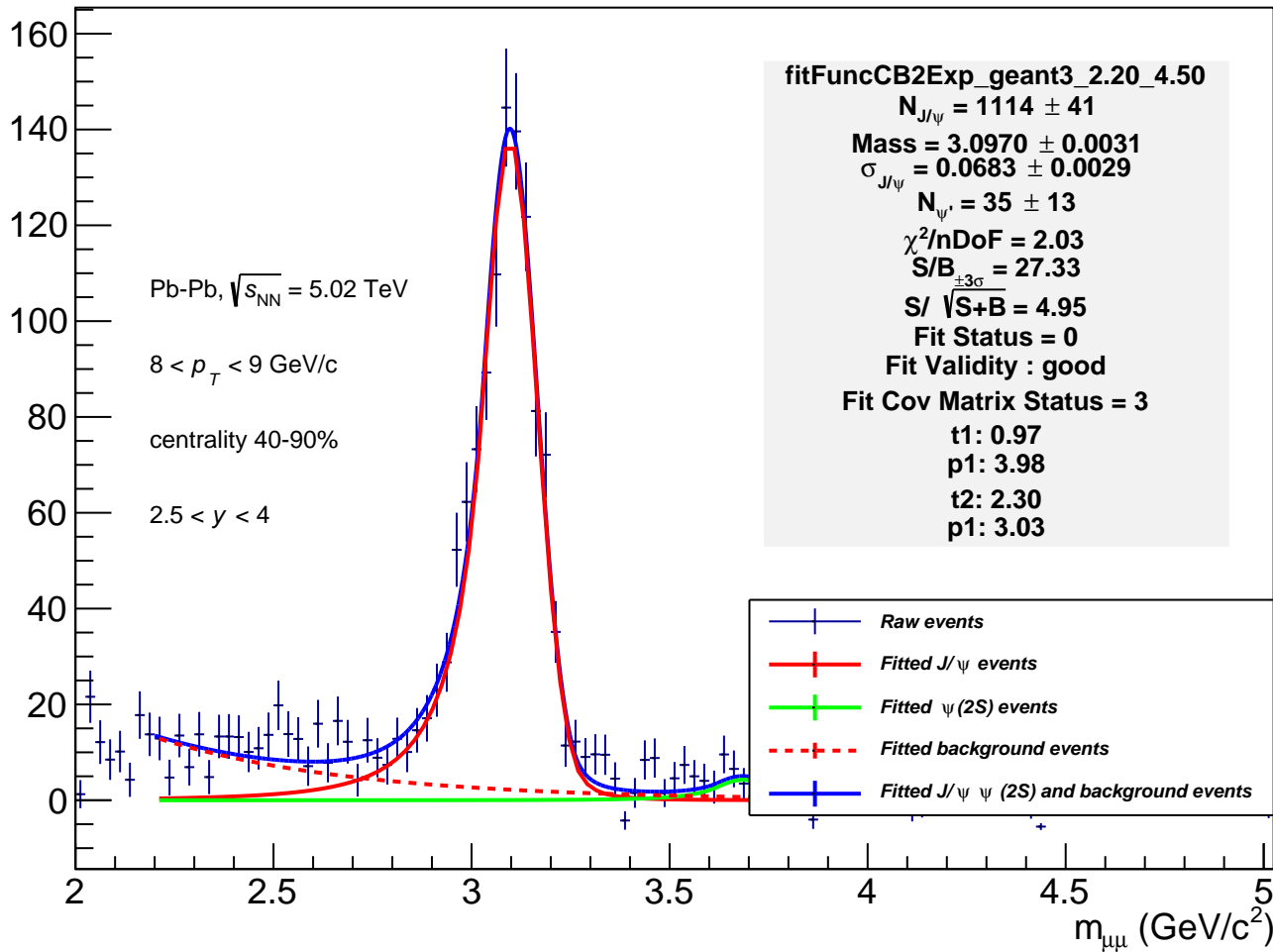
Events per 0.025 GeV



Events per 0.025 GeV



Events per 0.025 GeV



Events per 0.025 GeV

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

$8 < p_T < 9$ GeV/c

centrality 40-90%

$2.5 < y < 4$

fitFuncCB2Exp_pp13_2.40_4.70

$N_{J/\psi} = 1085 \pm 42$

Mass = 3.0961 ± 0.0032

$\sigma_{J/\psi} = 0.0692 \pm 0.0031$

$N_{\psi'} = 38 \pm 13$

$\chi^2/nDoF = 1.96$

$S/B_{\pm 3\sigma} = 25.27$

$S/\sqrt{S+B} = 4.95$

Fit Status = 0

Fit Validity : good

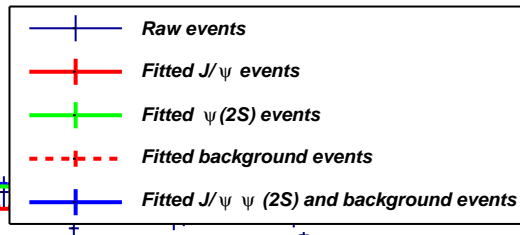
Fit Cov Matrix Status = 3

t1: 0.97

p1: 6.97

t2: 1.86

p1: 14.99



$m_{\mu\mu}$ (GeV/c²)

Events per 0.025 GeV

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

$8 < p_T < 9$ GeV/c

centrality 40-90%

$2.5 < y < 4$

fitFuncCB2Exp_geant3_2.40_4.70

$N_{J/\psi} = 1113 \pm 34$

Mass = 3.0975 ± 0.0030

$\sigma_{J/\psi} = 0.0682 \pm 0.0021$

$N_{\psi'} = 40 \pm 12$

$\chi^2/nDoF = 1.99$

$S/B_{\pm 3\sigma} = 33.61$

$S/\sqrt{S+B} = 4.97$

Fit Status = 0

Fit Validity : good

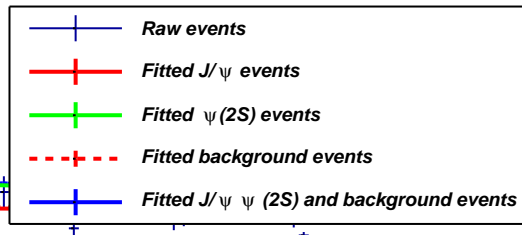
Fit Cov Matrix Status = 3

t1: 0.97

p1: 3.98

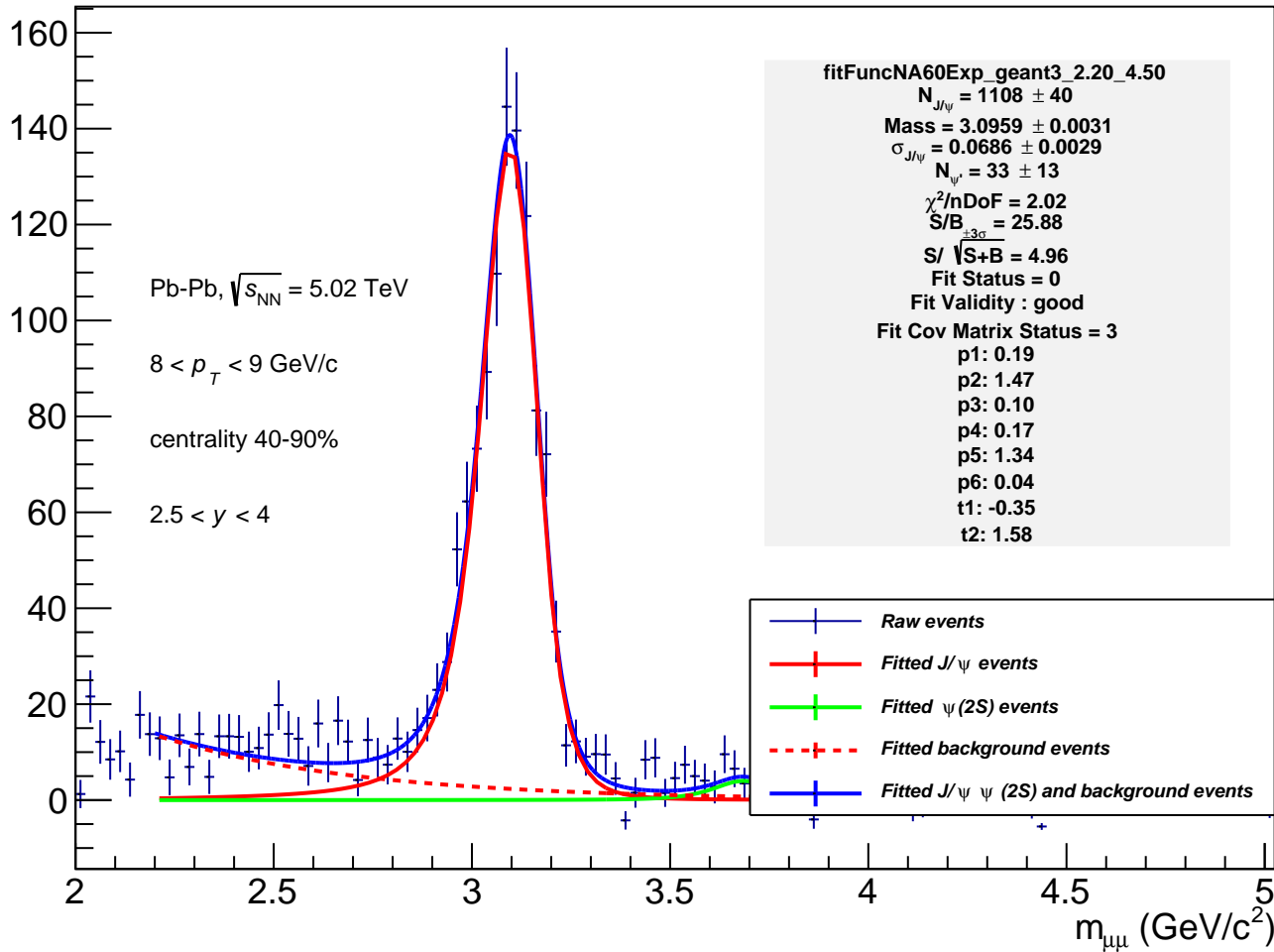
t2: 2.30

p1: 3.03



$m_{\mu\mu}$ (GeV/c²)

Events per 0.025 GeV



Events per 0.025 GeV

