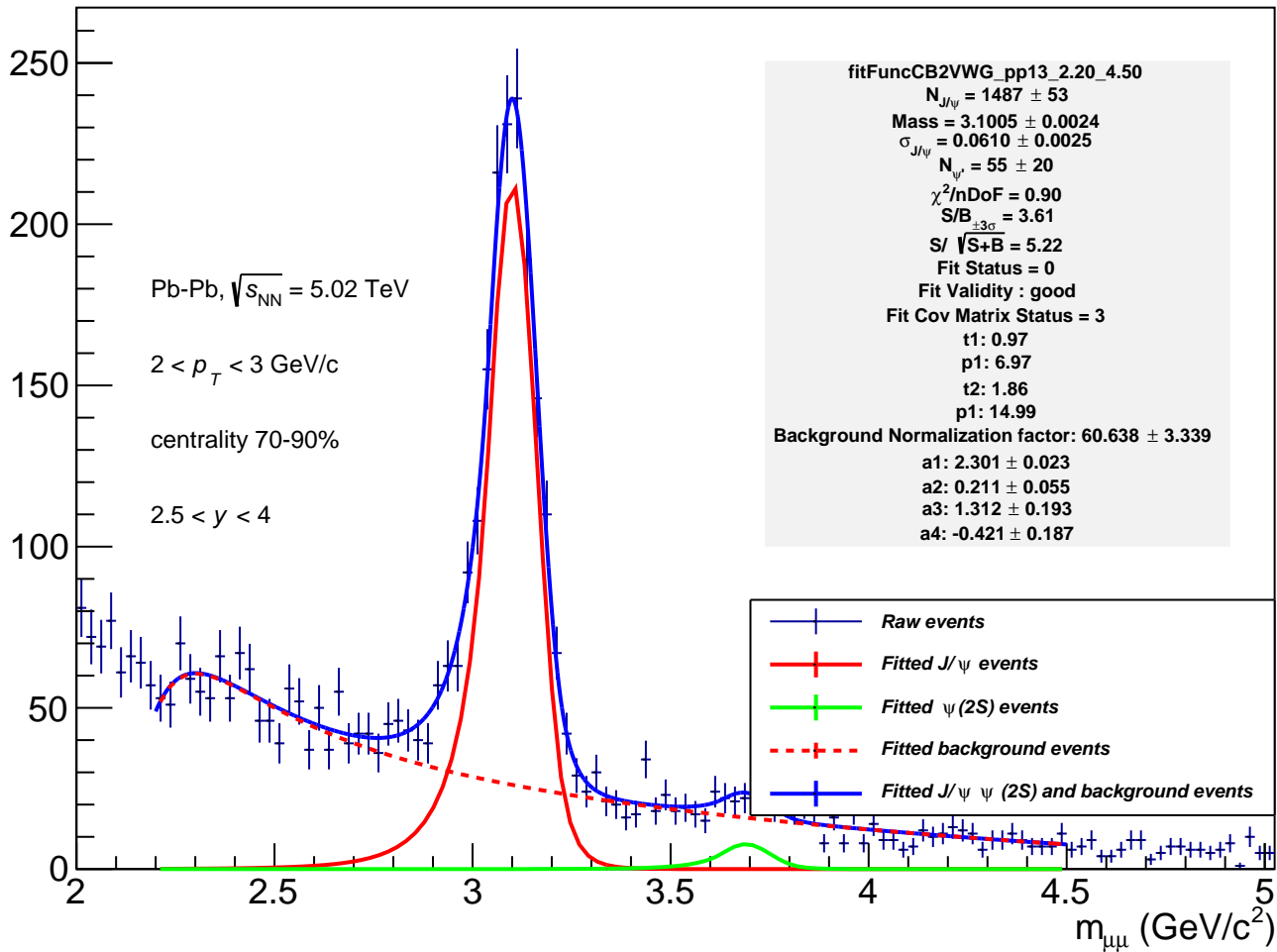
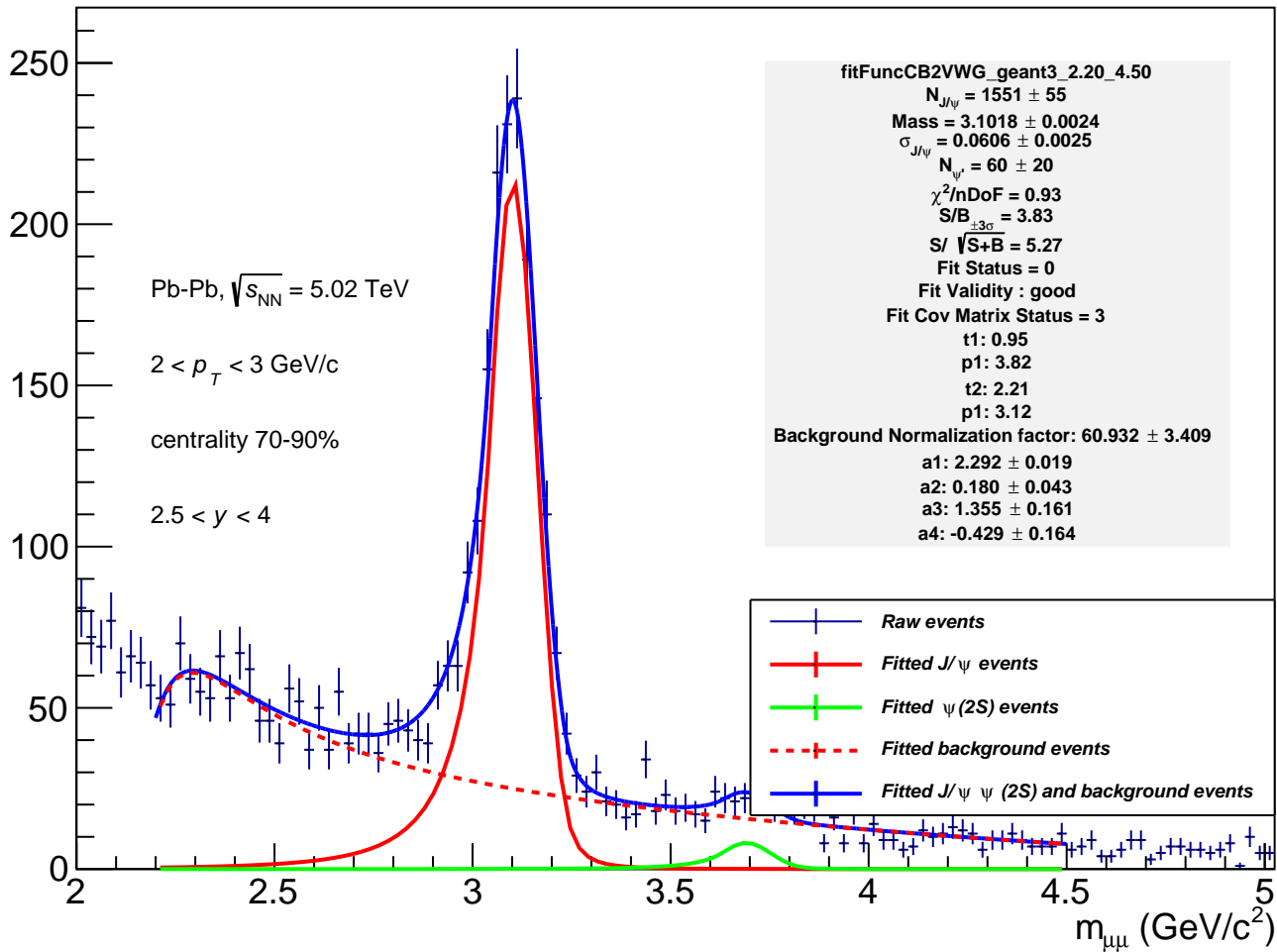


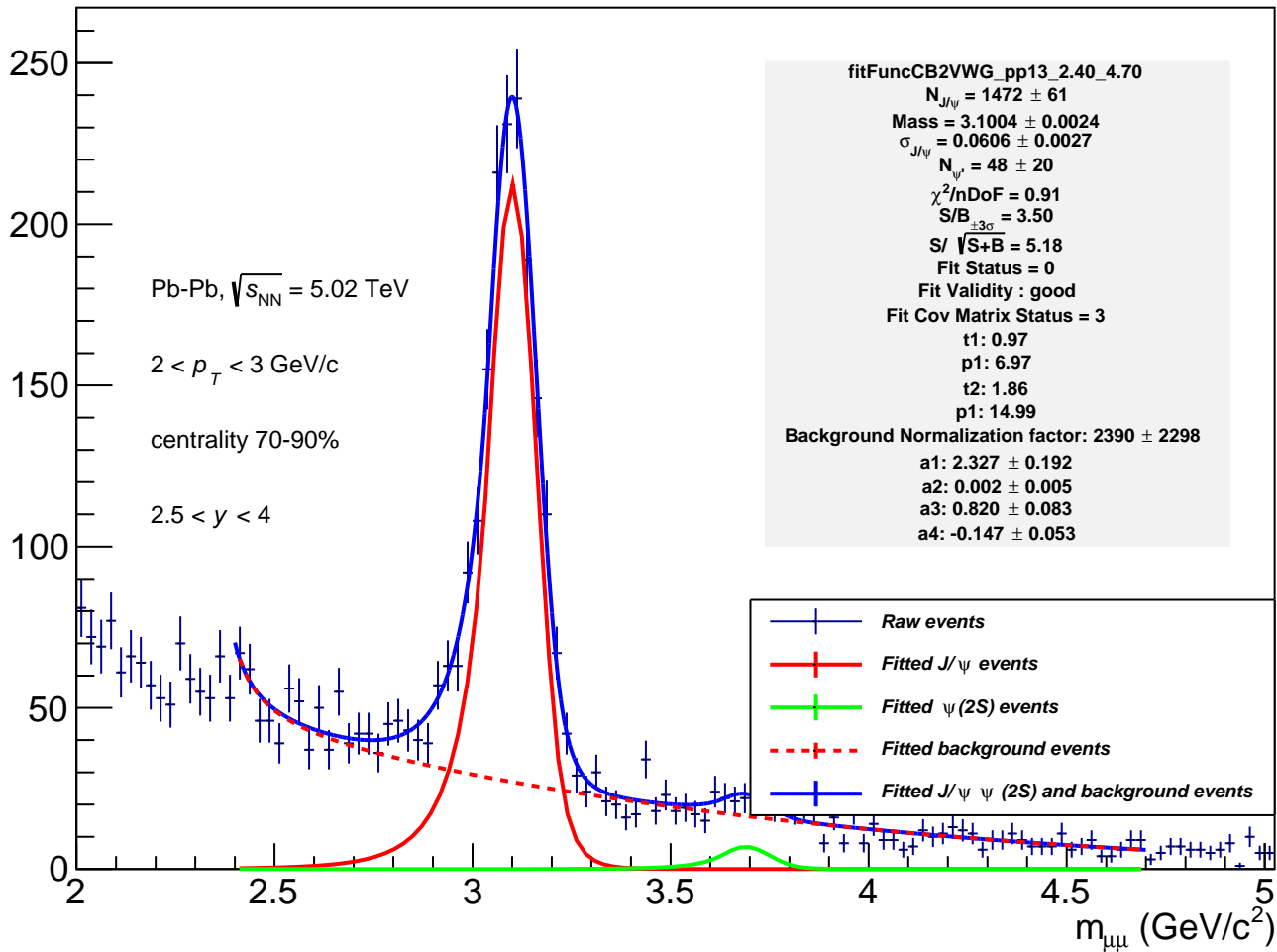
Events per 0.025 GeV



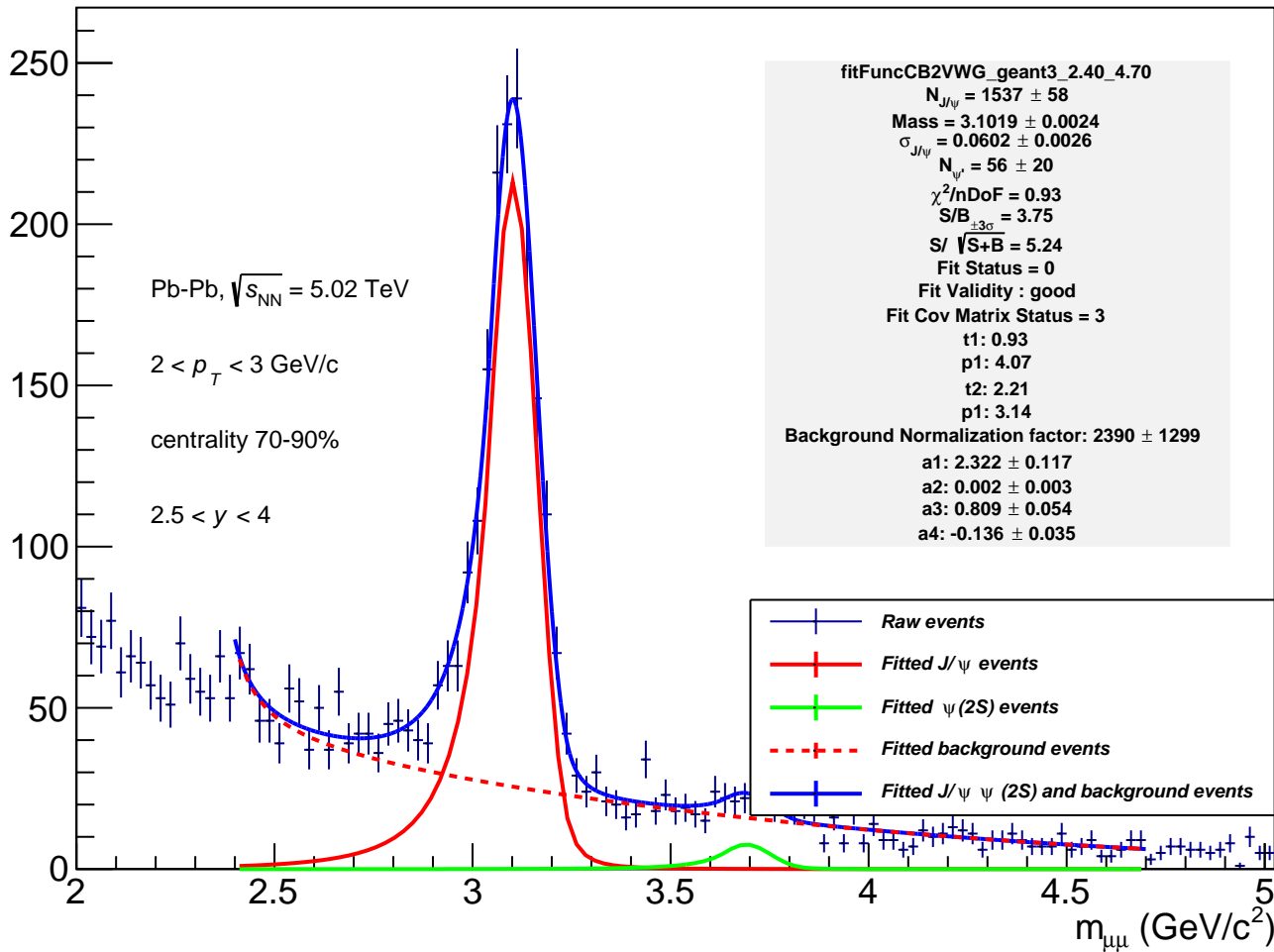
Events per 0.025 GeV



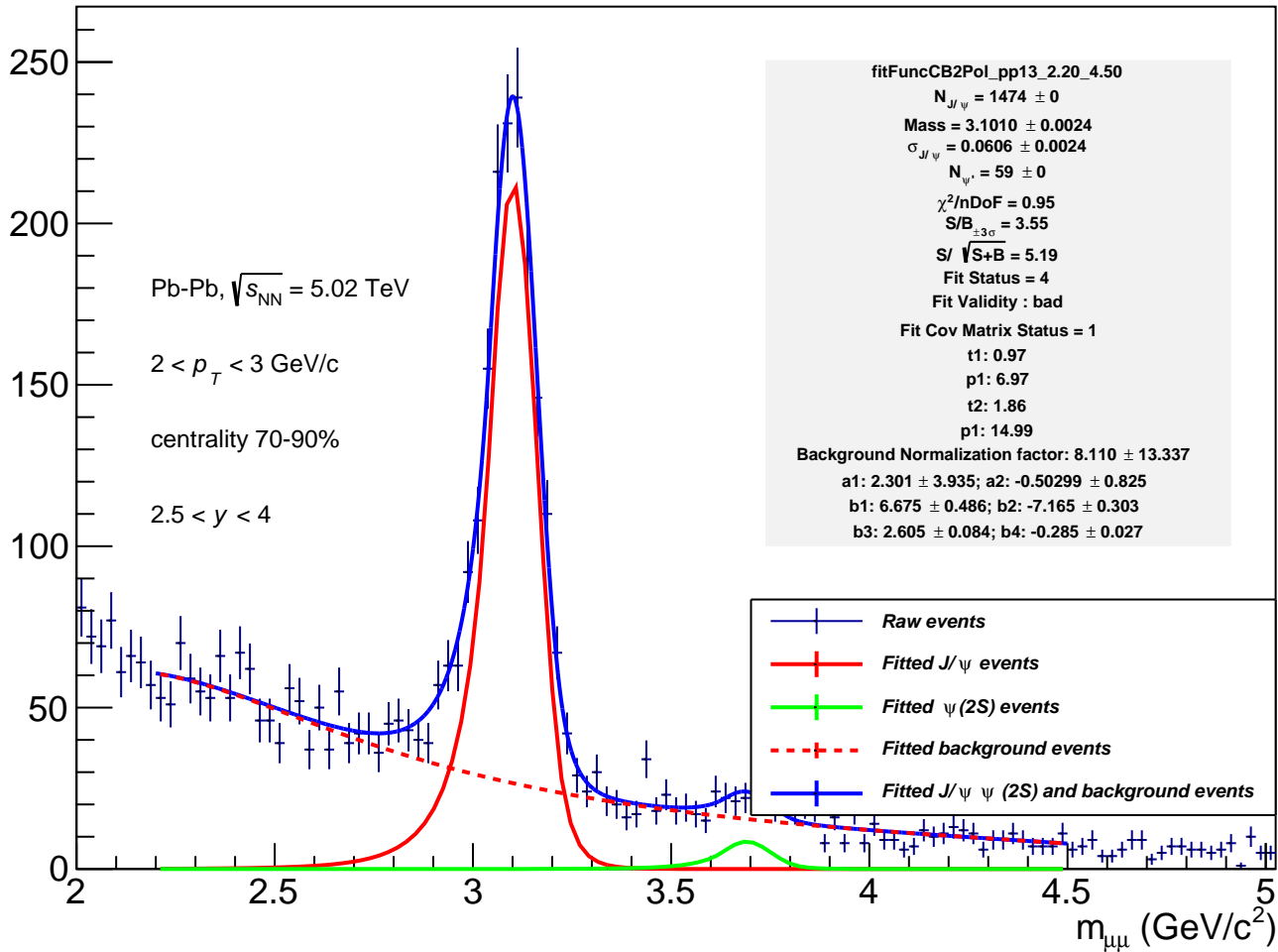
Events per 0.025 GeV



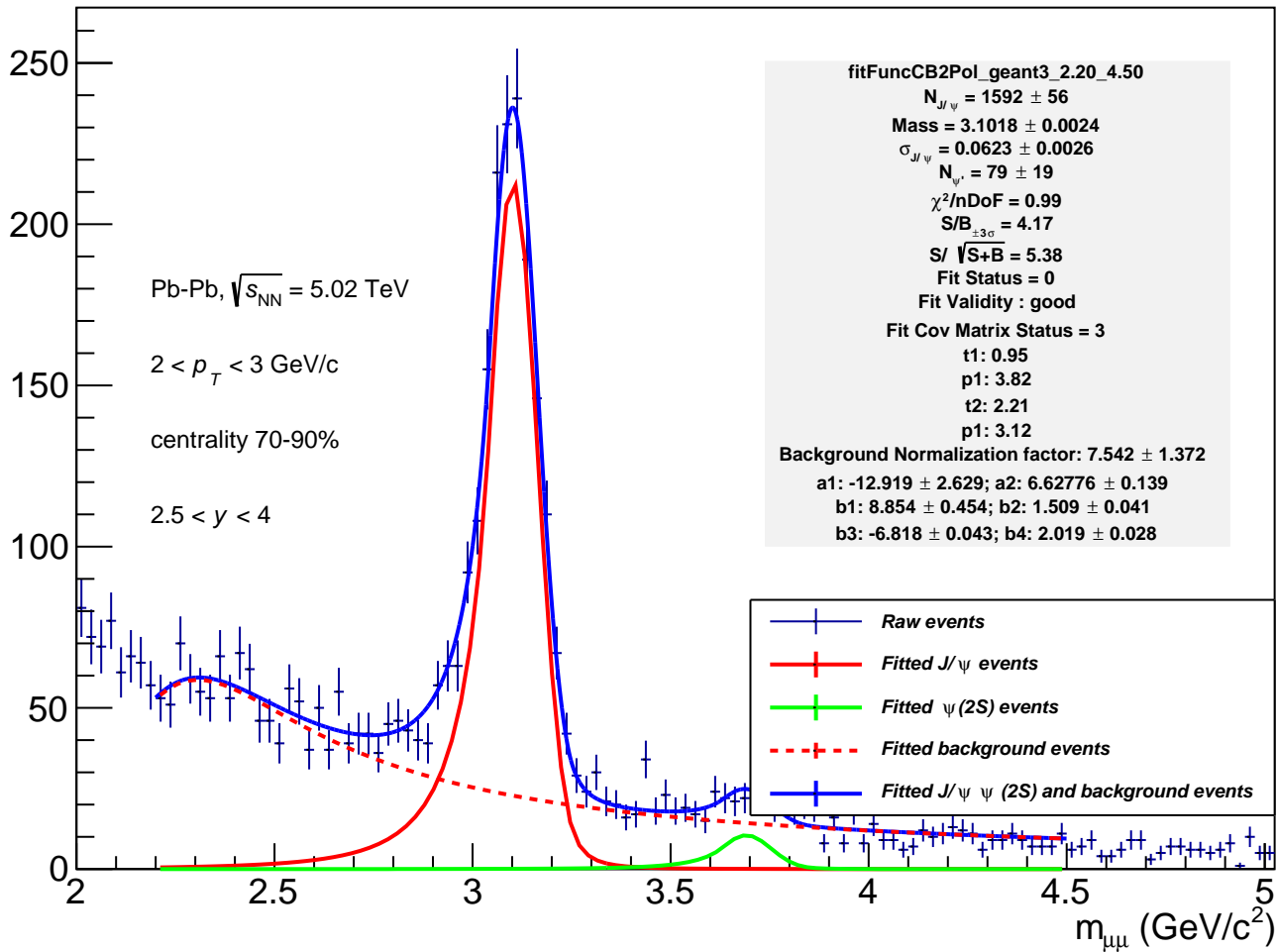
Events per 0.025 GeV



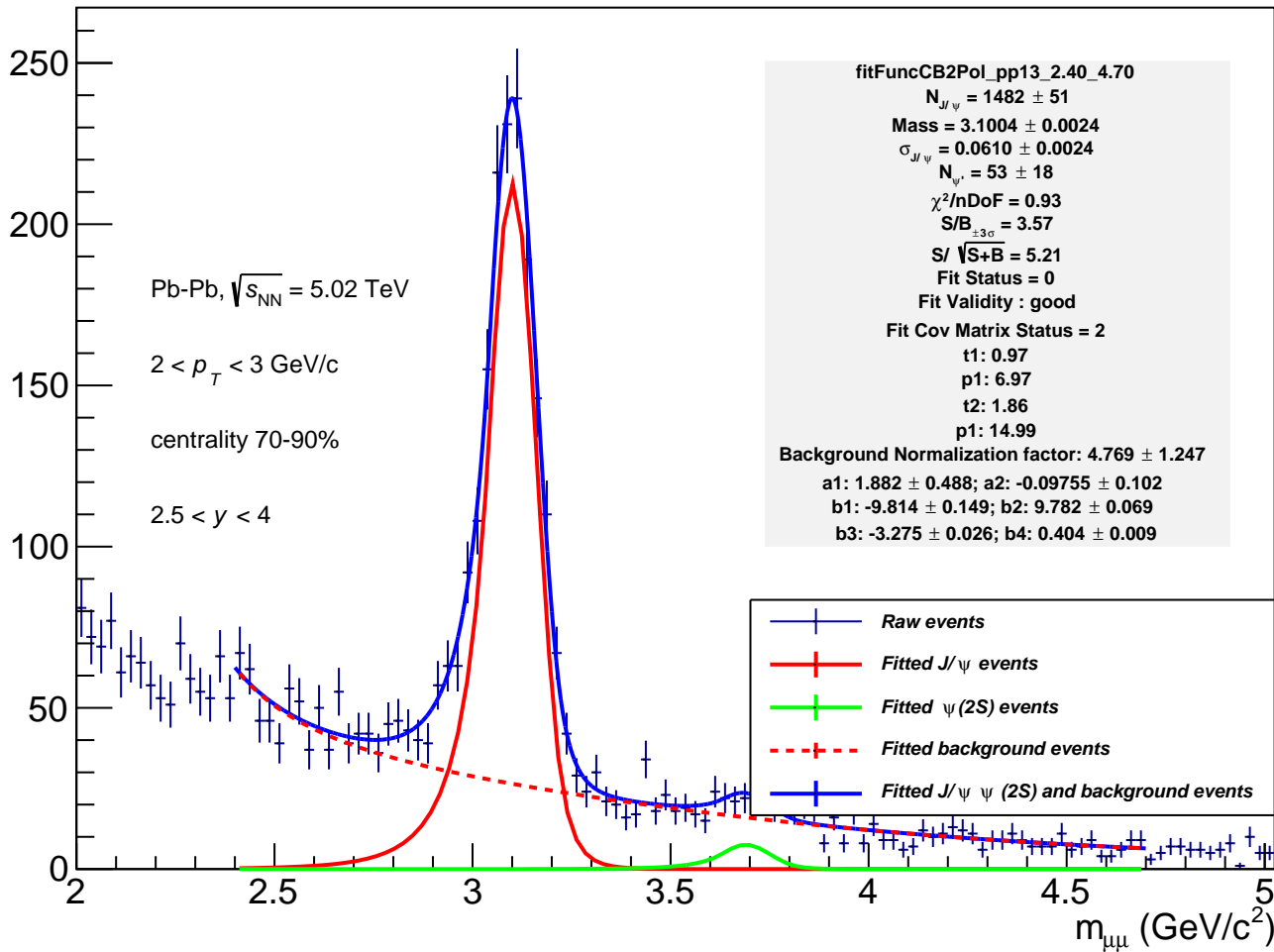
Events per 0.025 GeV



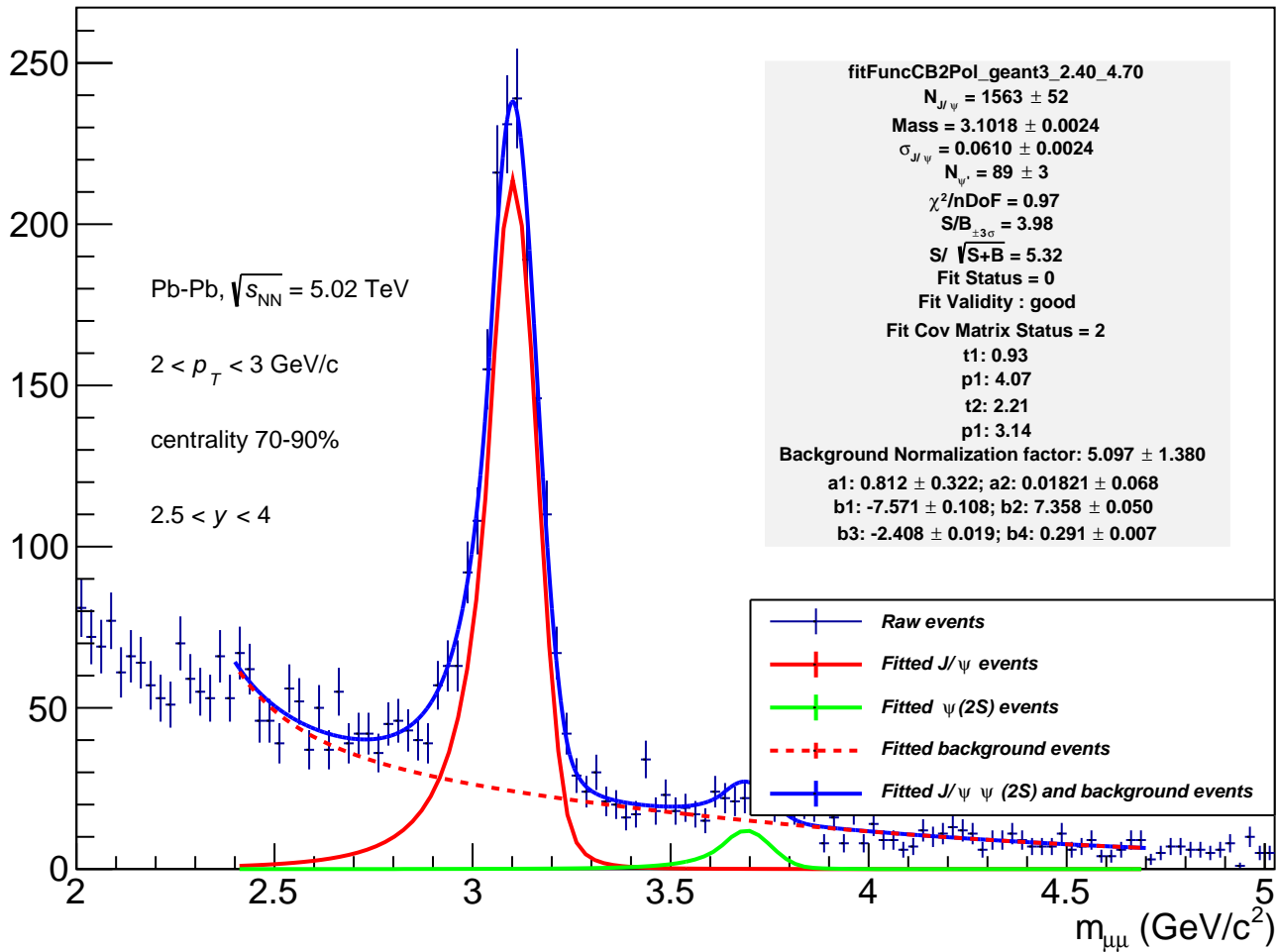
Events per 0.025 GeV



Events per 0.025 GeV



Events per 0.025 GeV



Events per 0.025 GeV

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

$2 < p_T < 3$ GeV/c

centrality 70-90%

$2.5 < y < 4$

250
200
150
100
50
0

2

2.5

3

3.5

4

4.5

5

$m_{\mu\mu}$ (GeV/c²)

fitFuncNA60VWG_geant3_2.20_4.50

$N_{J/\psi} = 1543 \pm 54$

Mass = 3.1054 ± 0.0024

$\sigma_{J/\psi} = 0.0577 \pm 0.0024$

$N_{\psi'} = 58 \pm 19$

$\chi^2/nDoF = 0.96$

S/B = 3.95

S/ (S+B) = 5.25

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

p1: 0.23

p2: 1.18

p3: 0.04

p4: 0.19

p5: 1.40

p6: 0.12

t1: -0.48

t2: 2.13

Background Normalization factor: 60.744 ± 3.428

a1: 2.293 ± 0.020

a2: 0.183 ± 0.044

a3: 1.365 ± 0.168

a4: -0.444 ± 0.173

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

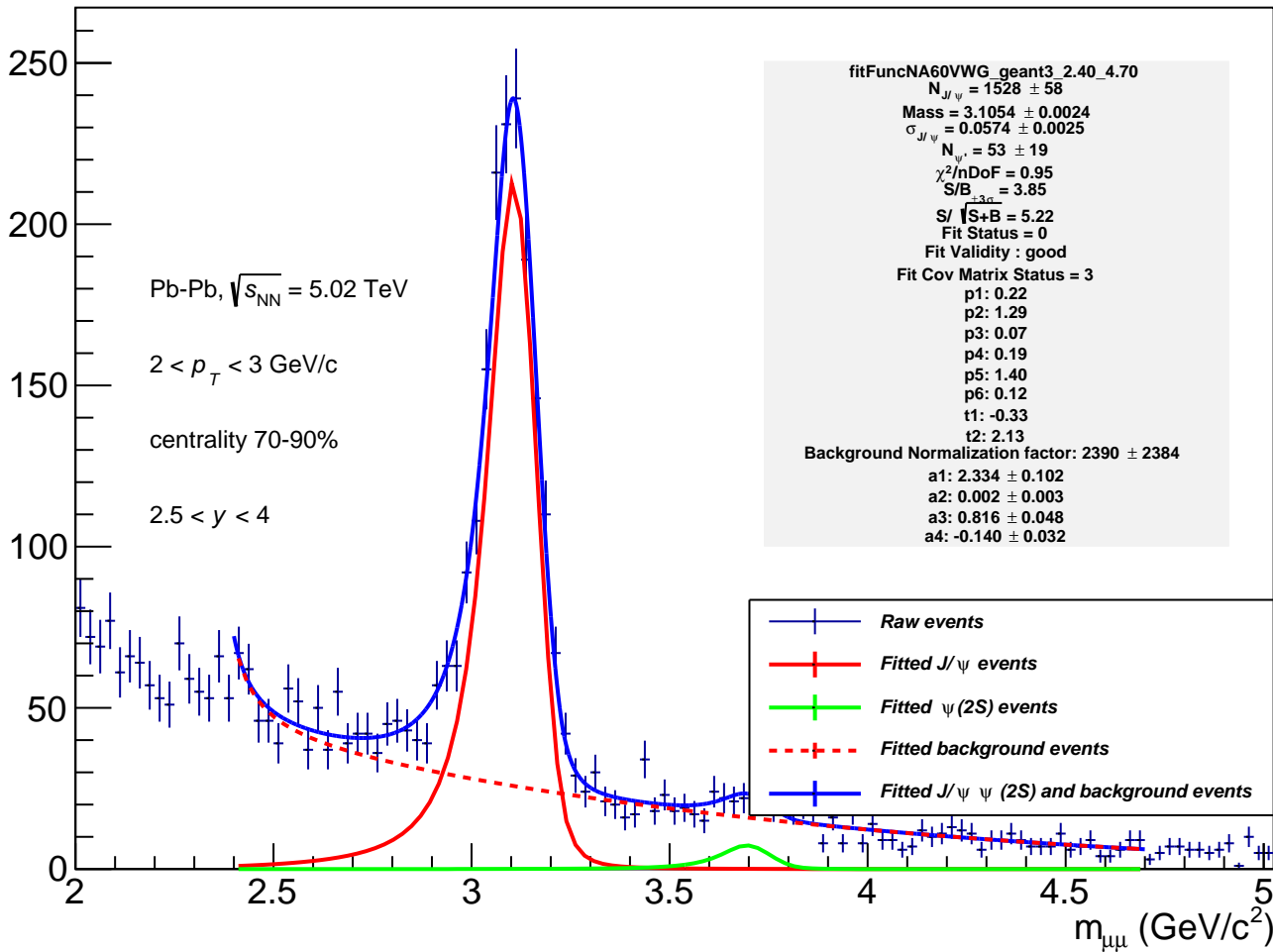
Events per 0.025 GeV

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

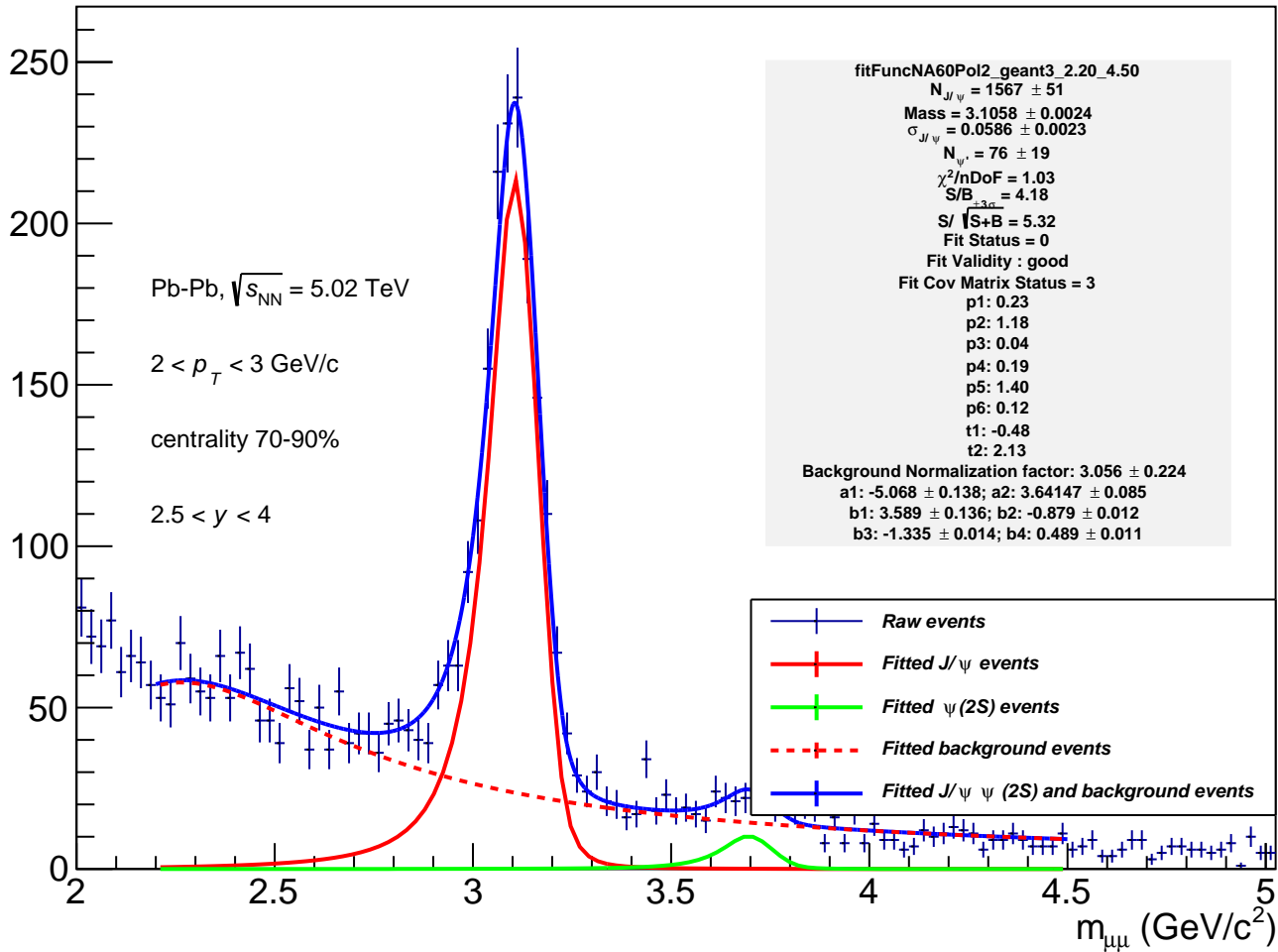
$2 < p_T < 3$ GeV/c

centrality 70-90%

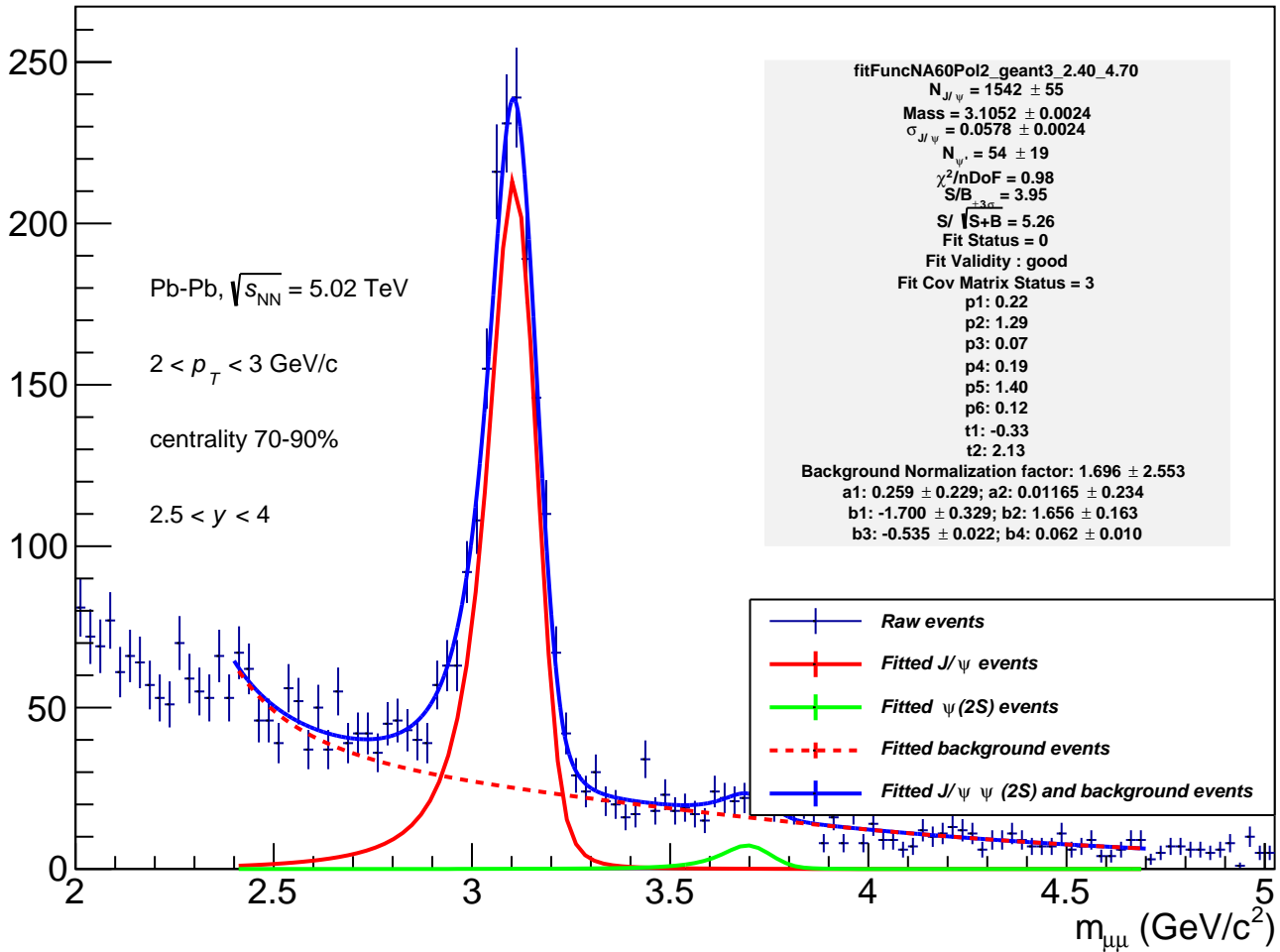
$2.5 < y < 4$



Events per 0.025 GeV



Events per 0.025 GeV



Events per 0.025 GeV

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

$2 < p_T < 3$ GeV/c

centrality 70-90%

$2.5 < y < 4$

fitFuncCB2Exp_pp13_2.20_4.50

$N_{J/\psi} = 1467 \pm 42$

Mass = 3.1009 ± 0.0024

$\sigma_{J/\psi} = 0.0602 \pm 0.0017$

$N_{\psi'} = 57 \pm 17$

$\chi^2/nDoF = 0.93$

S/B = 9.09

S/ $\sqrt{S+B} = 5.56$

Fit Status = 0

Fit Validity : good

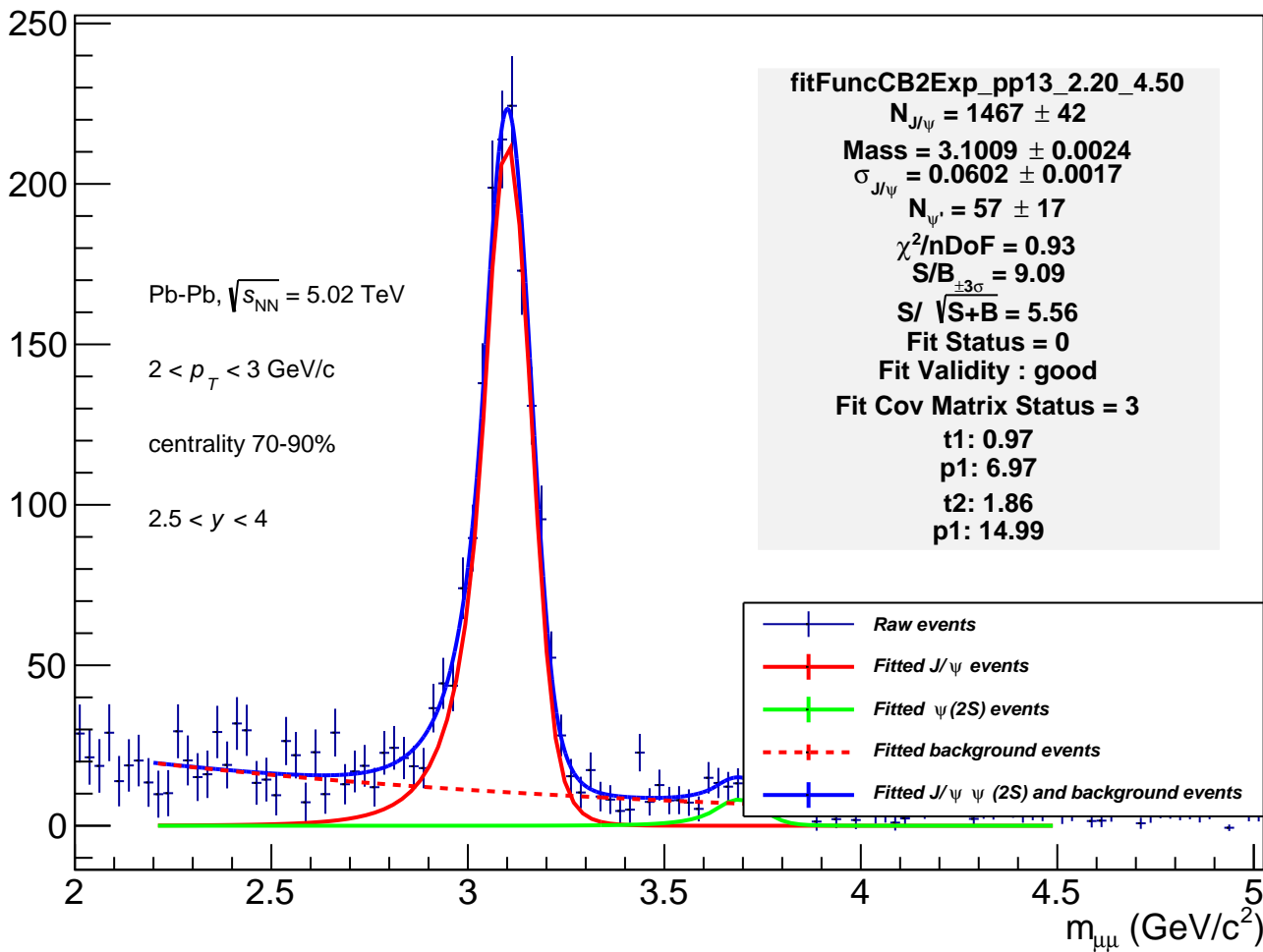
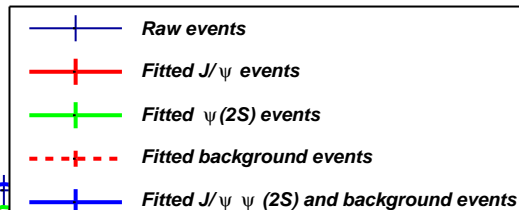
Fit Cov Matrix Status = 3

t1: 0.97

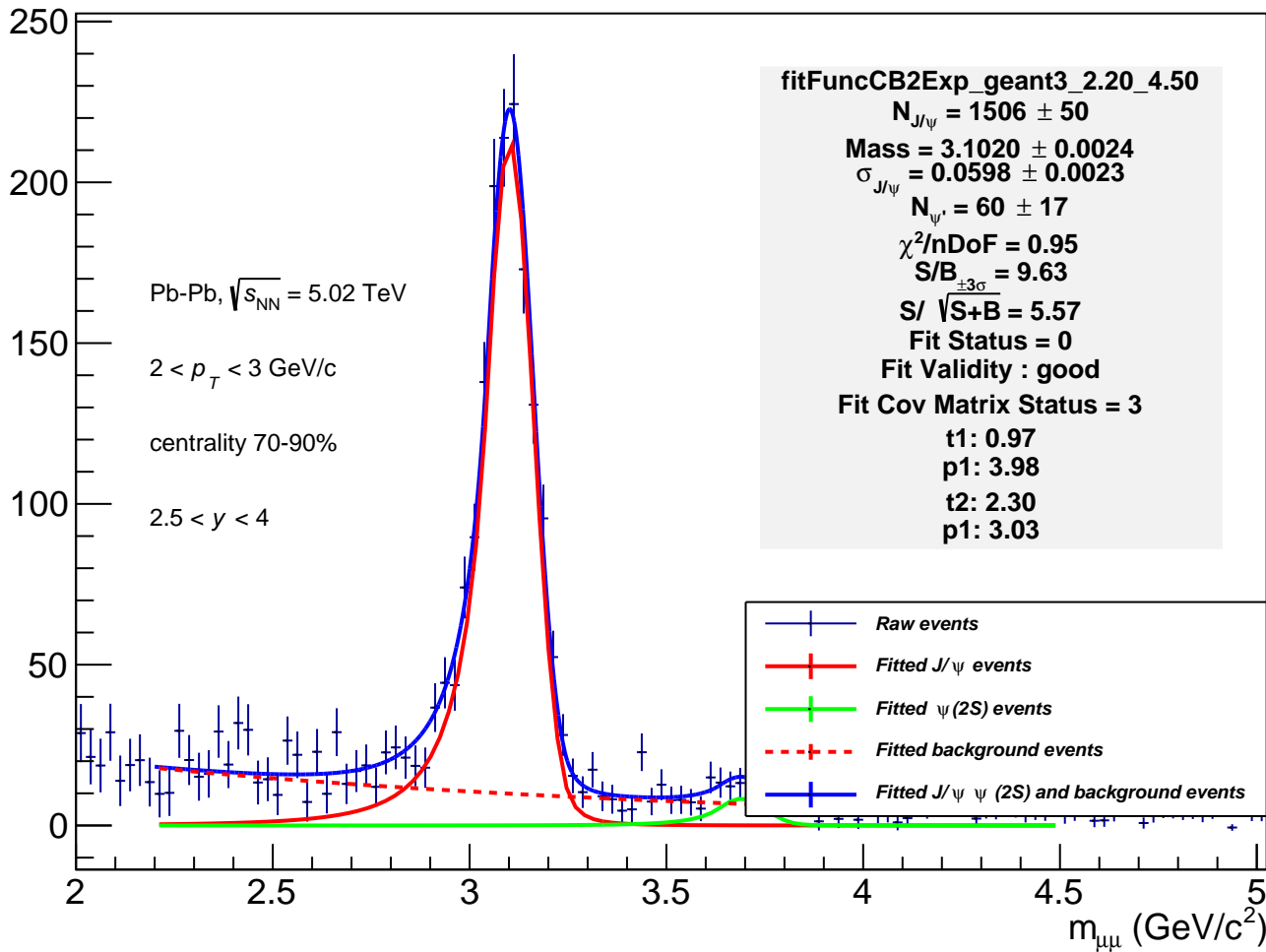
p1: 6.97

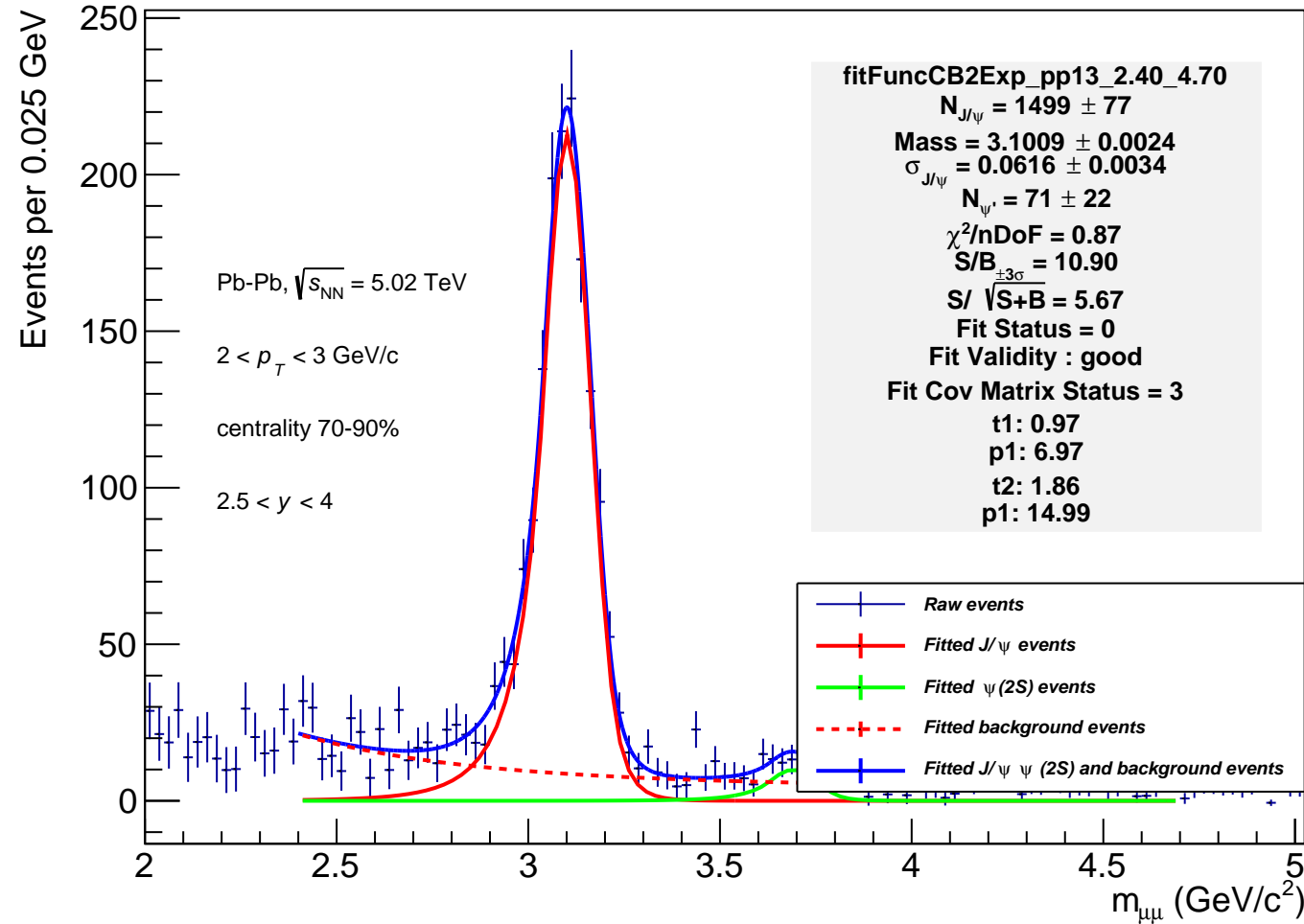
t2: 1.86

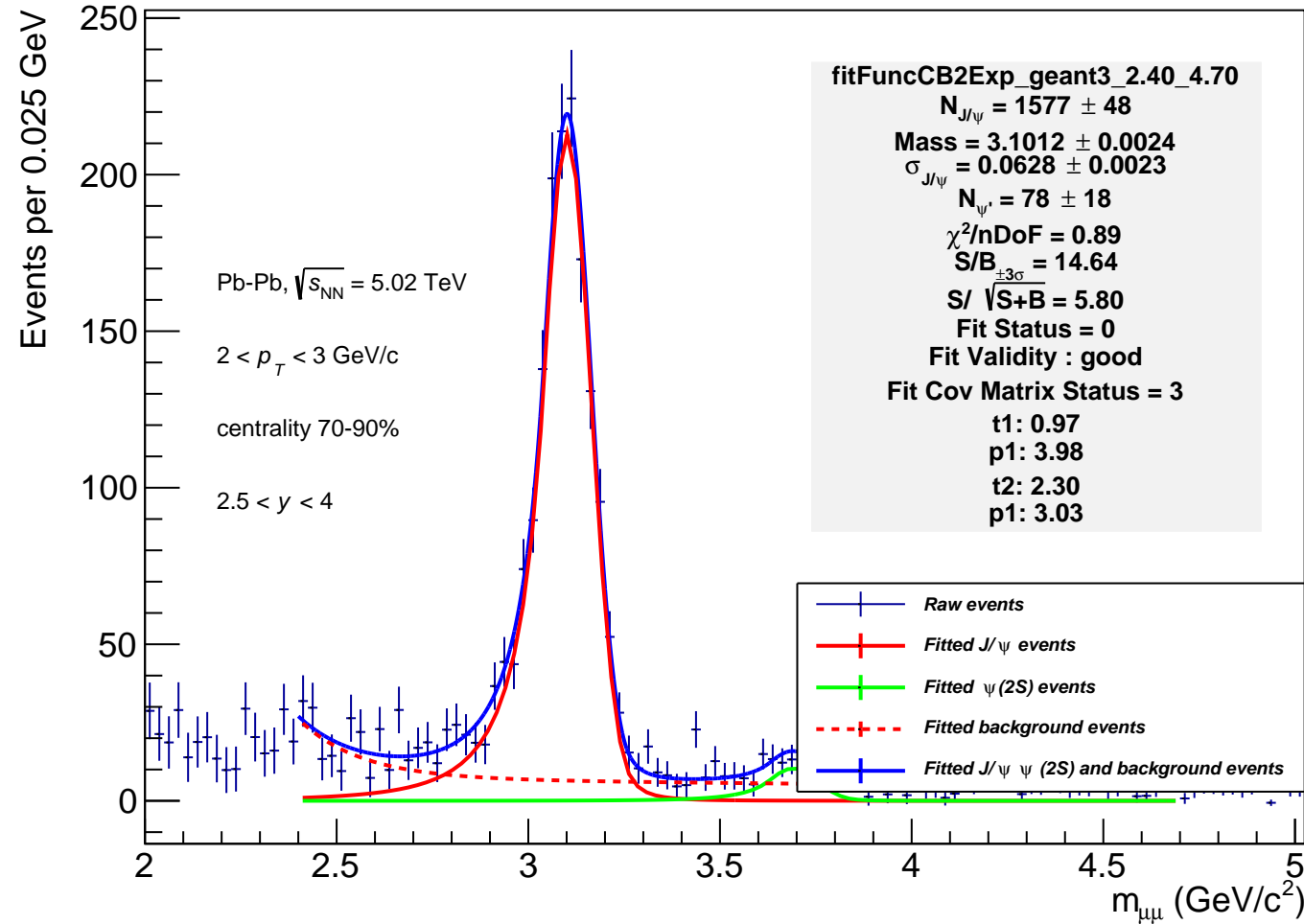
p1: 14.99



Events per 0.025 GeV







Events per 0.025 GeV

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

$2 < p_T < 3$ GeV/c

centrality 70-90%

$2.5 < y < 4$

fitFuncNA60Exp_geant3_2.20_4.50

$N_{J/\psi} = 1507 \pm 50$

Mass = 3.1061 ± 0.0024

$\sigma_{J/\psi} = 0.0564 \pm 0.0022$

$N_{\psi^*} = 60 \pm 17$

$\chi^2/\text{nDoF} = 0.99$

S/B = 10.12

S/ $\sqrt{S+B}$ = 5.54

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

p1: 0.23

p2: 1.18

p3: 0.04

p4: 0.19

p5: 1.40

p6: 0.12

t1: -0.48

t2: 2.13

—+— 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)

