

Events per 0.025 GeV

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

$9 < p_T < 10$ GeV/c

centrality 30-40%

$2.5 < y < 4$

fitFuncCB2Pol_geant3_2.40_4.70

$N_{J/\psi} = 441 \pm 33$

Mass = 3.0945 ± 0.0051

$\sigma_{J/\psi} = 0.0701 \pm 0.0061$

$N_{\psi} = 6 \pm 12$

$\chi^2/\text{nDoF} = 1.47$

$S/B_{\pm 3\sigma} = 2.79$

$S/\sqrt{S+B} = 2.75$

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 3

t1: 1.18

p1: 3.54

t2: 1.95

p1: 3.09

Background Normalization factor: 6.676 ± 3.623

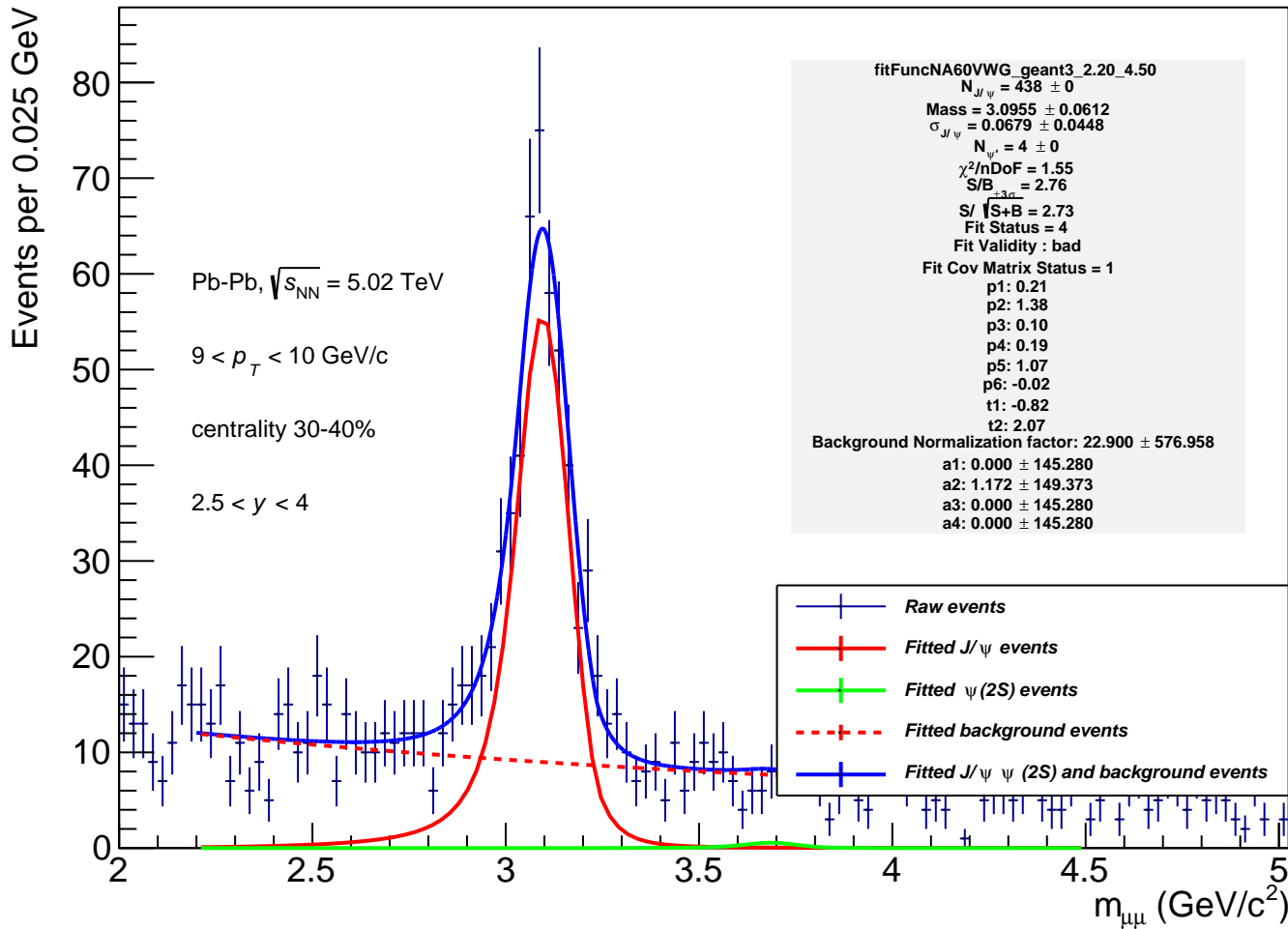
a1: -2.537 ± 0.322 ; a2: 0.94267 ± 0.057

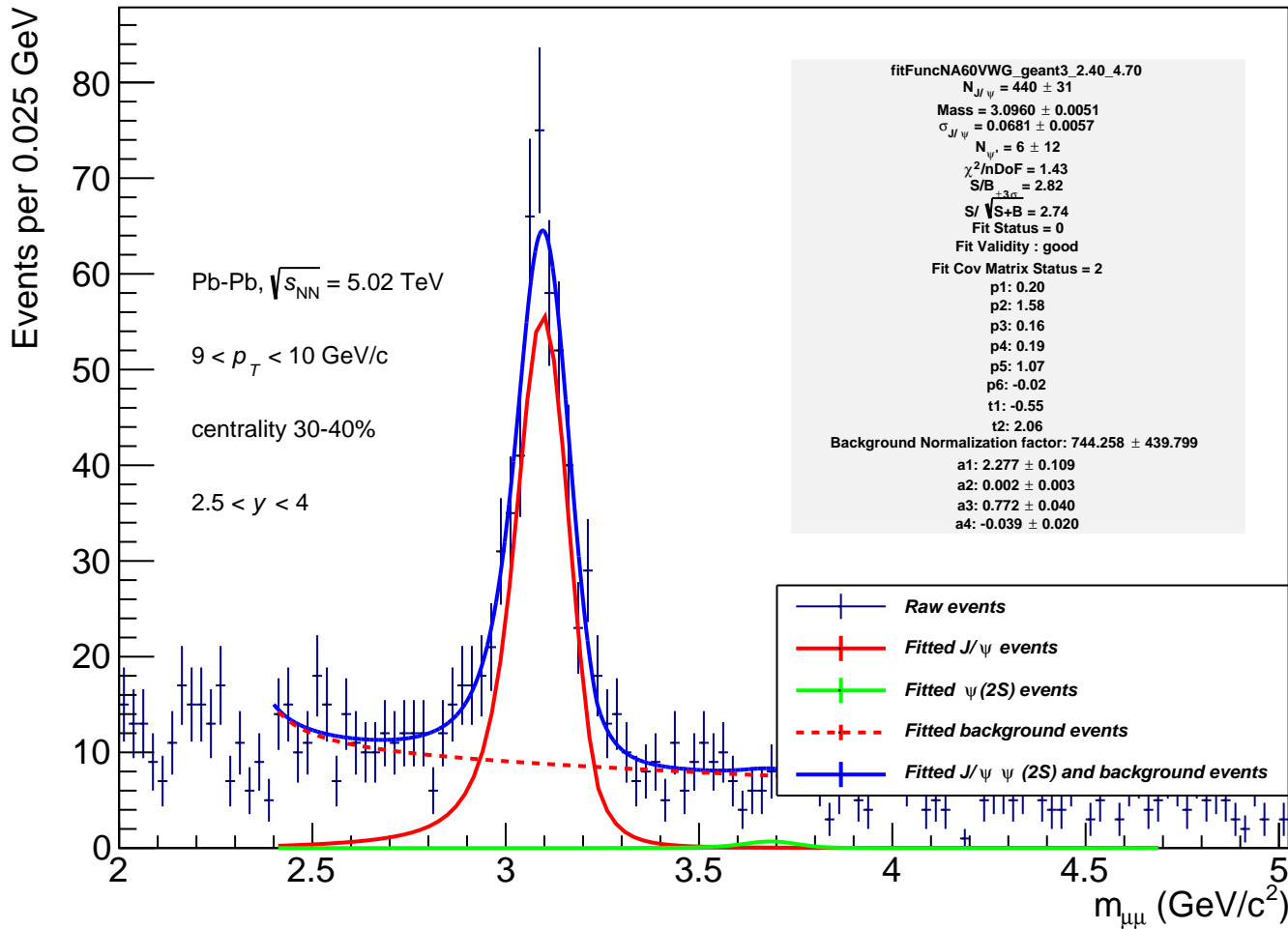
b1: -0.080 ± 1.401 ; b2: -0.152 ± 0.025

b3: -0.336 ± 0.250 ; b4: 0.183 ± 0.036

- +— 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)





Events per 0.025 GeV

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

$9 < p_T < 10$ GeV/c

centrality 30-40%

$2.5 < y < 4$

fitFuncNA60Pol2_geant3_2.20_4.50

$N_{J/\psi} = 432 \pm 28$

Mass = 3.0953 ± 0.0051

$\sigma_{J/\psi} = 0.0670 \pm 0.0053$

$N_{\psi'} = 2 \pm 11$

$\chi^2/nDoF = 1.55$

S/B = 2.67

S/ $\sqrt{S+B}$ = 2.69

Fit Status = 0

Fit Validity : good

Fit Cov Matrix Status = 2

p1: 0.21

p2: 1.38

p3: 0.10

p4: 0.19

p5: 1.07

p6: -0.02

t1: -0.82

t2: 2.07

Background Normalization factor: 3.297 ± 0.262

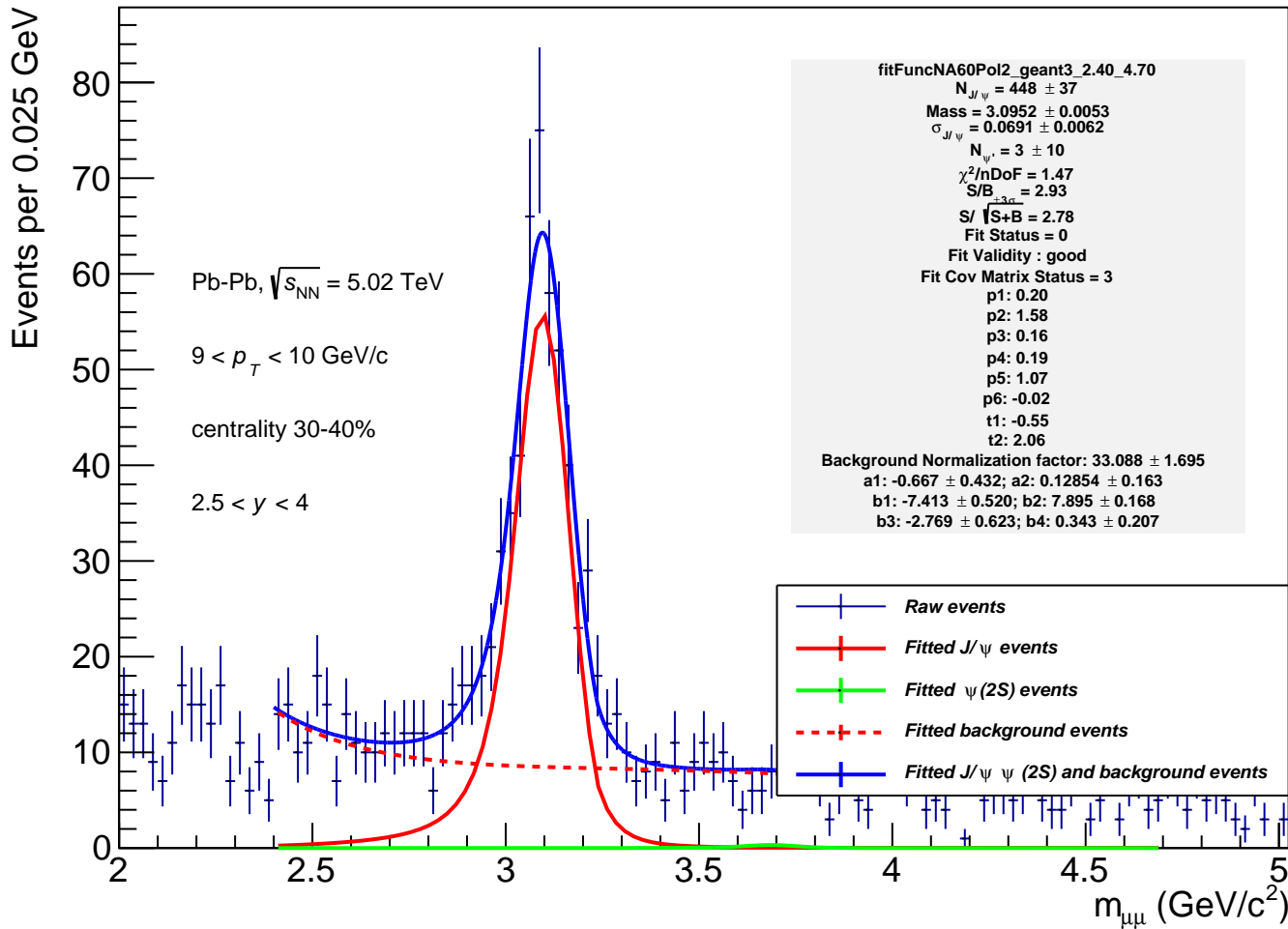
a1: -8.108 ± 0.195 ; a2: 3.51213 ± 0.089

b1: -8.912 ± 0.120 ; b2: 9.297 ± 0.051

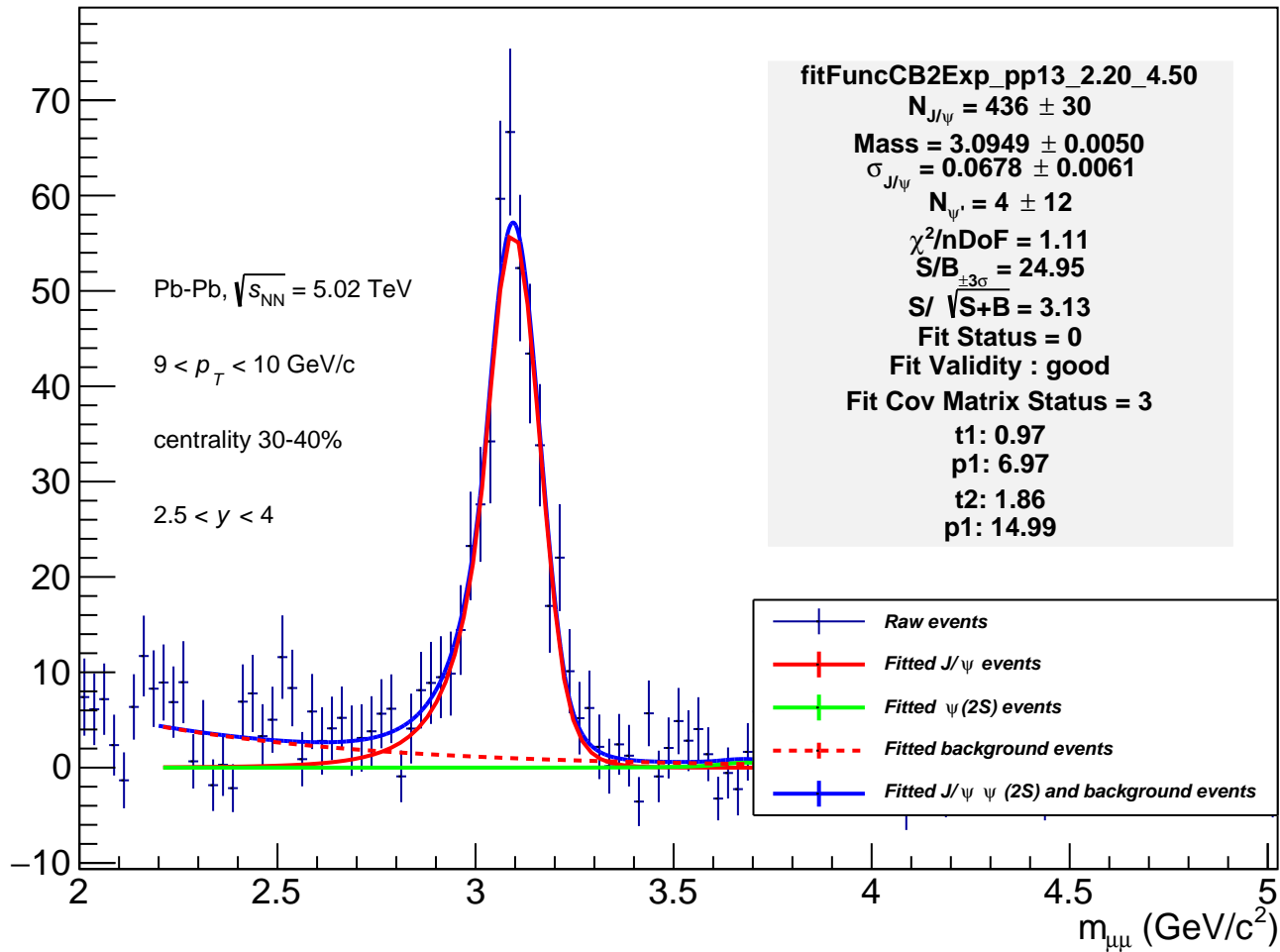
b3: -3.999 ± 0.023 ; b4: 0.736 ± 0.010

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

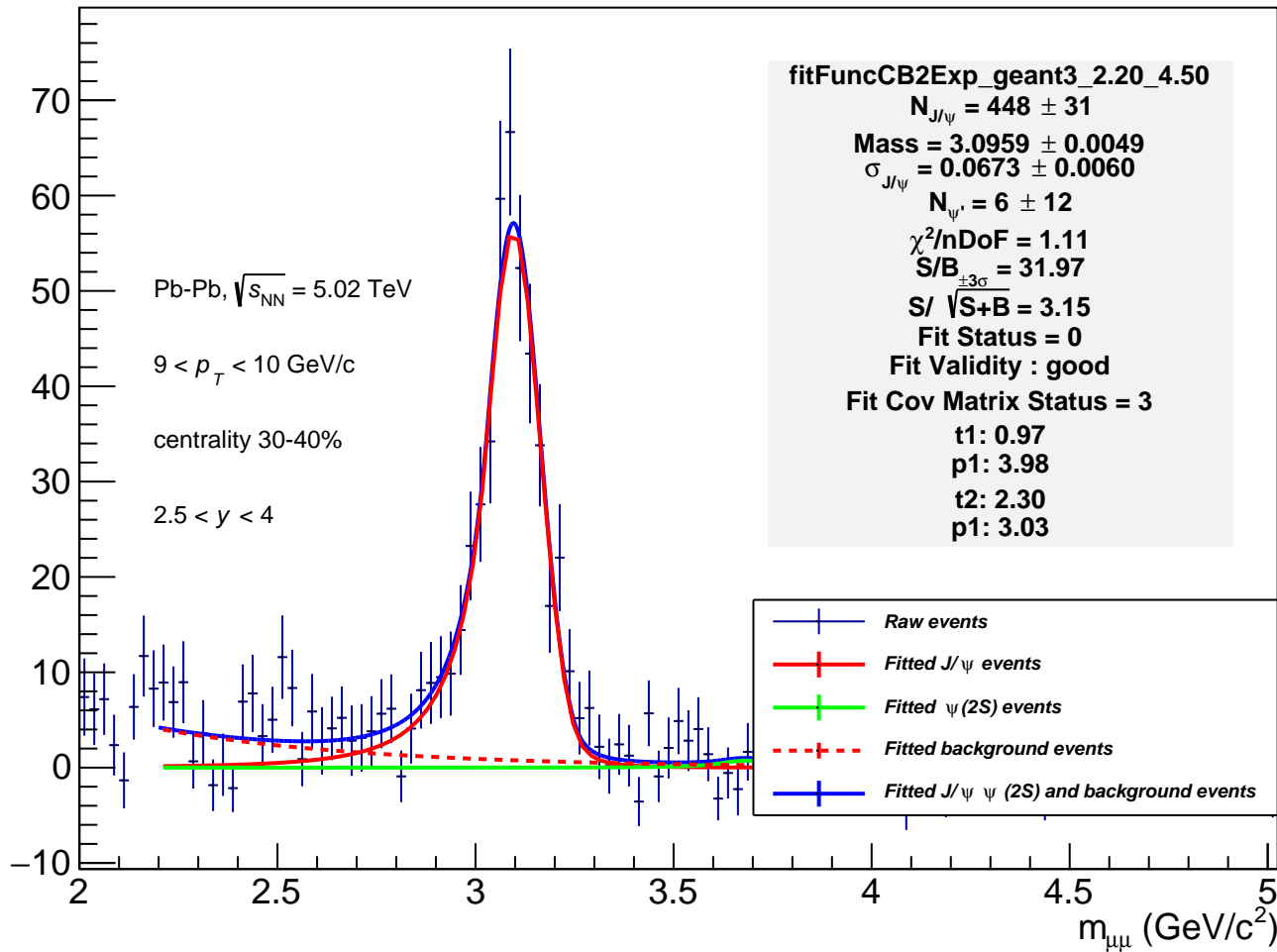
$m_{\mu\mu}$ (GeV/c²)



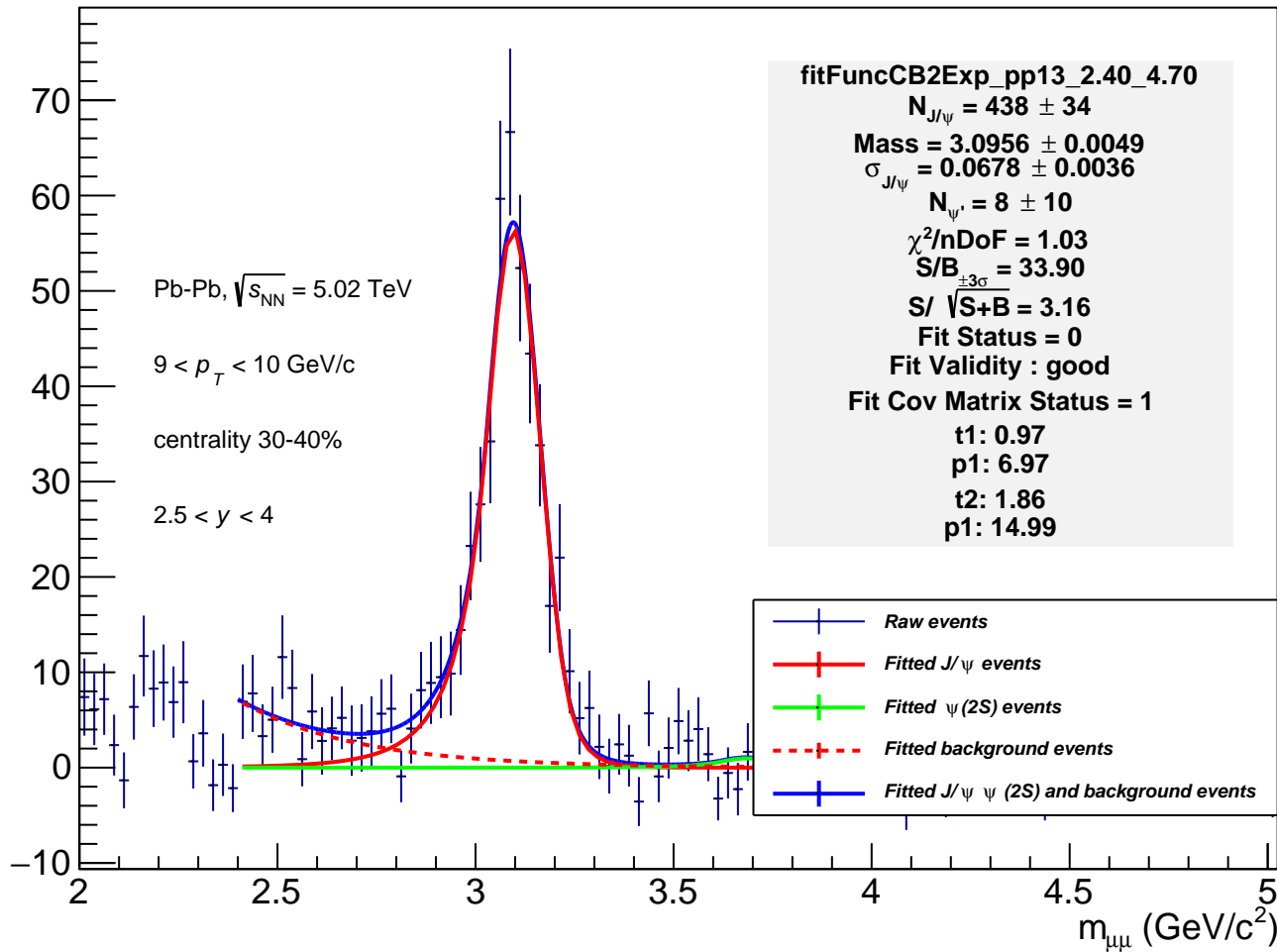
Events per 0.025 GeV



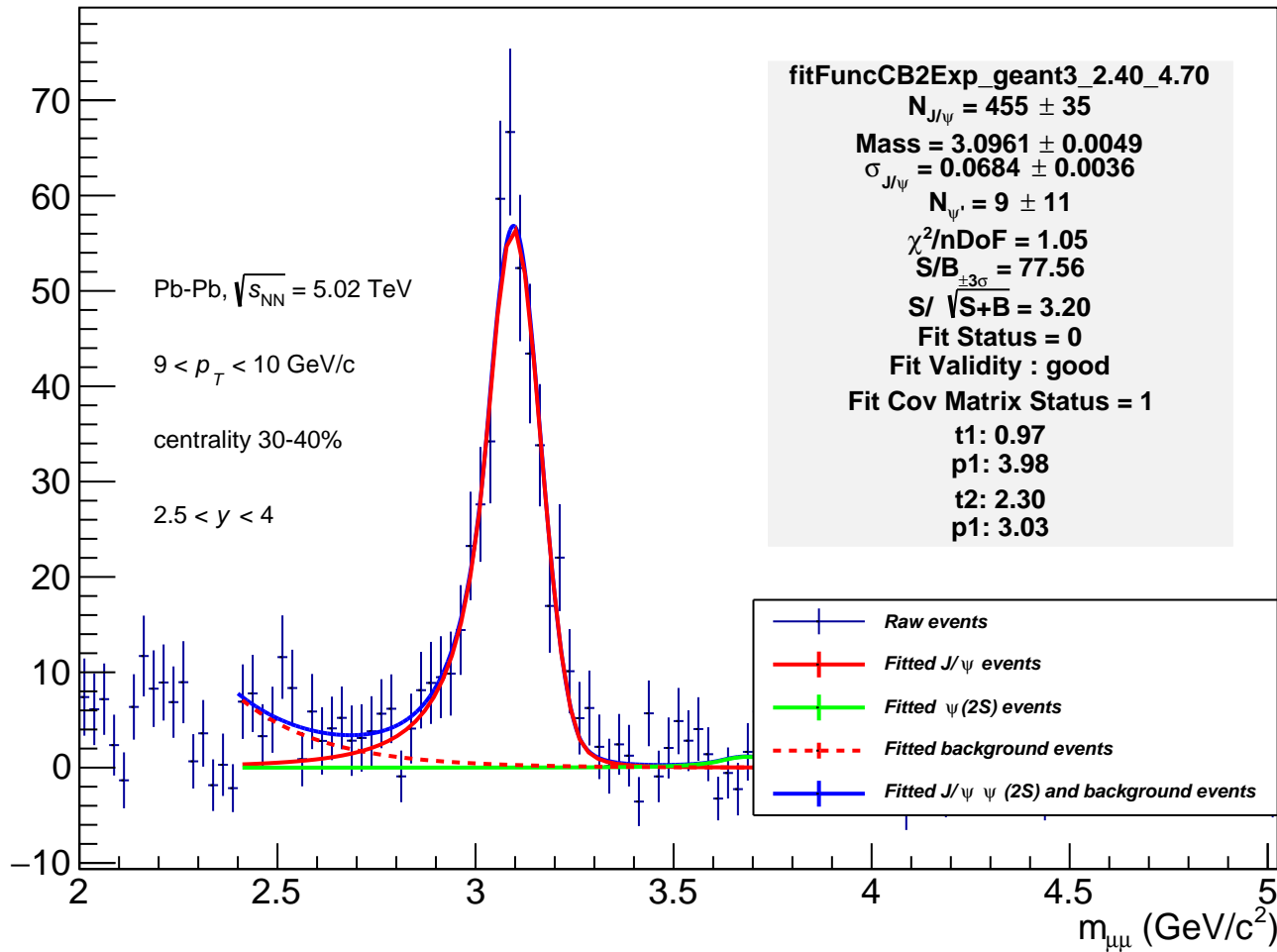
Events per 0.025 GeV



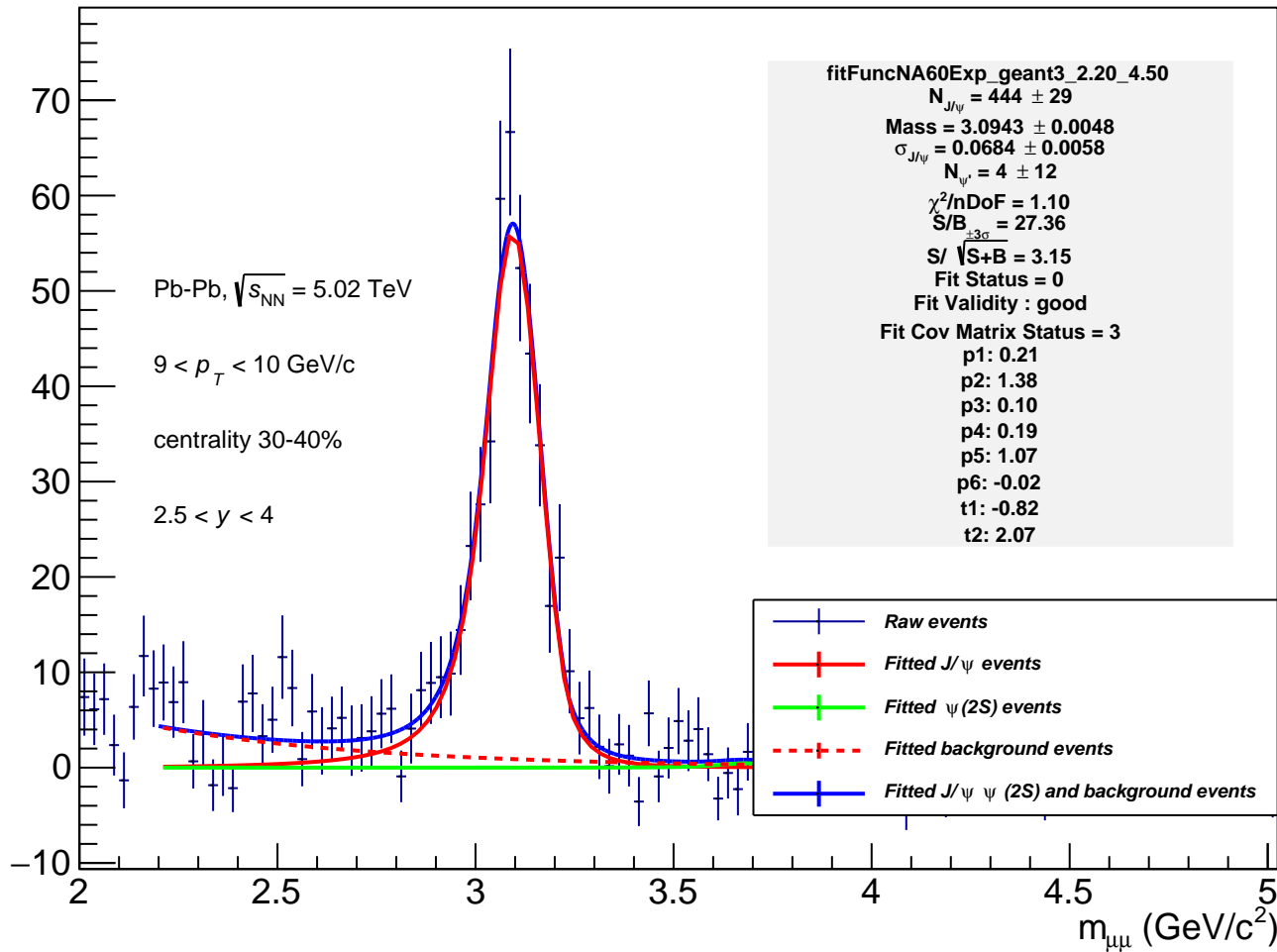
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