

Events

CMS pp Ref. $\sqrt{s_{\text{NN}}} = 5.02$ TeV

Data

 $6.5 < p_{\text{T}} < 9.0, 0.0 < y < 1.6$

Data

Fit model

CB1

CB2

Gauss

Bkg

 $N_{\text{sig}} = 961785 \pm 1082$ $N_{\text{bkg}} = 167552 \pm 614$ $\text{mean} = 3.094 \pm 0.000$ $\sigma_{\text{L}} = 0.023 \pm 0.000$ $f_{\text{CB,R}} = 0.263 \pm 0.003$ $f_{\text{Gauss}} = 0.267 \pm 0.005$ $c1 = -0.357 \pm 0.004$ $N_{\text{Sig, sub}} = 924072$ $N_{\text{Bkg, sub}} = 35758$ 10^7 10^6 10^5 10^4 10^3

5

0

-5

 $\chi^2/\text{ndf} = 1.97$ $\text{mass}_{\mu\mu}^{\text{inv}} [\text{GeV}/c^2]$

3.5

3.4

3.3

3.2

3.1

3.0

2.9

2.8

2.7

2.6