

Events

CMS pp Ref. $\sqrt{s_{\text{NN}}} = 5.02$ TeVData, $J/\psi \rightarrow \mu^+\mu^-$ $12.0 < p_{\text{T}} < 15.0$, $|y| < 1.6$

- Data
- Fit model
- CB1
- CB2
- Gauss
- Background

$N_{\text{Sig}} = 3.276\text{e}+05 \pm 610$
 $N_{\text{Bkg}} = 6.109\text{e}+04 \pm 326$
 $\text{mean} = 3.094 \pm 6.82\text{e}-05$
 $\alpha_{\text{L}} = 1.322 \pm 0$
 $\eta_{\text{L}} = 1.717 \pm 0$
 $\sigma_{\text{L}} = 0.02061 \pm 0.000138$
 $\alpha_{\text{ratio}} = 0.9965 \pm 0$
 $\eta_{\text{ratio}} = 4.283 \pm 0$
 $\sigma_{\text{ratio,R}} = 1.153 \pm 0.0296$
 $\sigma_{\text{ratio,Gauss}} = 1.77 \pm 0$
 $f_{\text{Gauss}} = 0.3087 \pm 0$
 $f_{\text{CB,R}} = 0.2432 \pm 0.00638$
 $\tau = -1.36 \pm 0.0175$

 $\chi^2/\text{ndf} = 1.18$ $\text{mass}_{\mu\mu}^{\text{inv}} [\text{GeV}/c^2]$ 