

Events

CMS PbPb, $\sqrt{s_{\text{NN}}} = 5.02$ TeVPrompt MC, $J/\psi \rightarrow \mu^+\mu^-$ $25.0 < p_{\text{T}} < 40.0$, $0.0 < y < 1.6$

—•— **Data**
—•— **Fit model**
—•— **CB1**
—•— **CB2**
—•— **Gauss**

mean = 3.096 ± 0.000 $\alpha_{\text{L}} = 1.570 \pm 0.028$ $\alpha_{\text{ratio}} = 0.693 \pm 0.028$ $f_{\text{CB,R}} = 0.517 \pm 0.020$ $f_{\text{Gauss}} = 0.170 \pm 0.024$ $n_{\text{L}} = 1.438 \pm 0.035$ $n_{\text{ratio}} = 4.998 \pm 0.040$ $\sigma_{\text{L}} = 0.022 \pm 0.000$ $\sigma_{\text{ratio,R}} = 0.979 \pm 0.035$ $\sigma_{\text{ratio,Gauss}} = 1.654 \pm 0.026$ $\chi^2/\text{ndf} = 1.49$ $\text{mass}_{\mu\mu}^{\text{inv}} [\text{GeV}/c^2]$ 