

Events / (0.02 GeV)

CMS*Preliminary***Before correction**Mean_{BW} = 3.100 ± 0.00017 $\sigma_{CB} = 0.026 \pm 0.00032$ Width_{BW} = 0.023 ± 0.00060 $\sigma_{\text{eff}} = 0.074$

Signal MC(Before Rochcor)

Signal MC(After Rochcor)

After correctionMean_{BW} = 3.100 ± 0.00006 $\sigma_{CB} = 0.027 \pm 0.00006$ Width_{BW} = 0.028 ± 0.00021 $\sigma_{\text{eff}} = 0.078$ $M_{\mu\mu}$ (GeV)