Gaussian fits determined from $p_T^{\mathrm{CM}}(\mu^-)$ distribution

LHC, $\sqrt{s} = 13.6$ TeV
$\mathcal{L} = 300$ fb^{-1}

$p - \mathrm{value} = 0.0000\ldots$ (27.277 σ)

Signal
Background

Events

$\ln(\mathcal{P}_1/\mathcal{P}_0)$