

12.9 fb<sup>-1</sup> (13 TeV)

Events

**CMS #it{#bf{Preliminary}}** $Z' \rightarrow \text{DM} + \text{H}(\text{b}\bar{\text{b}})$ 

SR 0J (resolved)

● Data

Zj

Wj

Top

VV

VH

---  $M_Z=600$ ---  $M_Z=800$ ---  $M_Z=1000$ 

— Pre-fit

— Post-fit

Stats. Unc.

10<sup>4</sup>10<sup>3</sup>10<sup>2</sup>

10

1

10<sup>-1</sup>

Data/MC

MC uncert. (stat + syst)

MC uncert. (stat)

2

1.5

1

0.5

0

200 300 400 500 600 700 800 900

 $E_T^{\text{miss}}$  [GeV]