

CMSup to 5.1 fb⁻¹ (7 TeV) + up to 19.7 fb⁻¹ (8 TeV) $C_{1,2}$

0.6

0.4

0.2

0

— Obs., $B_{\text{new}} = 0.0$ - - Exp., $B_{\text{new}} = 0.0$
— Obs., $B_{\text{new}} = 0.2$ - - Exp., $B_{\text{new}} = 0.2$
— Obs., $B_{\text{new}} = 0.5$ - - Exp., $B_{\text{new}} = 0.5$

 $\Gamma = \Gamma_{\text{SM}} (B_{\text{new}} = 0.5)$ **gg → H only**

200

300

400

500

600

 m_H [GeV]

1000