

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.**, $B_{\text{new}} = 0.5$

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

200

300

400

500

600

 m_H [GeV]

1000