CMS Work in Progress  $\sqrt{s} = 13 \text{ TeV}, 35.9 \text{ fb}^{-1}$ VbbHcc\_algo\_H\_mass Event/2.0 GeV **Entries** 1223 0.05 140.6 ± 2.438 Mean Std Dev 50.78 ± 1.724 Underflow 0 0.04 Overflow 0.275 ZHcc + ggZHcc Gaussian Fit 0.03 range = [90,160] GeV  $\mu$  = 127.9±1.5 GeV  $\sigma$  = 19.7±1.7 GeV  $\sigma/\mu$  = 0.154 0.02 0.01 200 250 300 50 100 150 350 400 M<sub>H</sub> [GeV]