CMS Work in Progress  $\sqrt{s} = 13 \text{ TeV}, 59.7 \text{ fb}^{-1}$ VbbHcc\_algo\_H\_mass Event/2.0 GeV 0.07 **Entries** 1151  $157.5 \pm 4.053$ Mean 0.06 Std Dev 68.45 ± 2.866 Underflow 0 0.05 Overflow 0.09627 ZHcc + ggZHcc Gaussian Fit 0.04 range = [90,160] GeV  $\mu$  = 129.8±1.0 GeV  $\sigma$  = 14.9±0.9 GeV 0.03  $\sigma/\mu = 0.115$ 0.02 0.01 50 100 150 200 250 300 400 350 M<sub>H</sub> [GeV]