CMS Work in Progress  $\sqrt{s} = 13 \text{ TeV}, 59.7 \text{ fb}^{-1}$ VbbHcc\_algo\_H\_mass 0.07 Event/2.0 GeV **Entries** 1137 152.1 ± 3.723 Mean 0.06 Std Dev 61.85 ± 2.633 Underflow 0 0.05 Overflow 0.1096 ZHcc + ggZHcc Gaussian Fit 0.04 range = [90,160] GeV  $\mu$  = 129.1±0.6 GeV  $\sigma$  = 19.1±1.8 GeV  $\sigma/\mu$  = 0.148 0.03 0.02 0.01 50 100 150 200 250 300 350 400 M<sub>H</sub> [GeV]