CMS Work in Progress  $\sqrt{s} = 13 \text{ TeV}, 35.9 \text{ fb}^{-1}$ VbbHcc\_tags\_H\_mass Event/2.0 GeV **Entries** 5676 0.1 164.5 ± 2.029 Mean Std Dev 83.16 ± 1.435 Underflow 80.0 0 Overflow 1.715 ZHcc + ggZHcc Gaussian Fit 0.06 range = [90,160] GeV  $\mu$  = 123.5±1.0 GeV  $\sigma$  = 22.6±1.3 GeV  $\sigma/\mu$  = 0.183 0.04 0.02 300 50 100 150 200 250 350 400 M<sub>H</sub> [GeV]