

**CMS**

95% CL upper limits



Observed



Median expected



68% expected



95% expected

Theoretical  $\sigma$  (LO), singletTheoretical  $\sigma$  (LO), doublet $\sigma \times B(B \rightarrow bH)$  [pb]10<sup>2</sup>

10

1

10<sup>-1</sup>10<sup>-2</sup>10<sup>-3</sup>

Both forward jets categories

 $\Gamma/M = 10\%$  $m_{bH}$  [GeV]

600

800

1000

1200

1400

1600

1800