

138 fb<sup>-1</sup> (13 TeV)

**CMS**

H-like production  
 $X\phi(\rightarrow\mu\mu)$  combination

95% CL upper limits

— Observed

⋯ Median expected

■ 68% expected

■ 95% expected

$\sin^2\theta B(\phi\rightarrow\mu\mu)$

10  
1  
10<sup>-1</sup>  
10<sup>-2</sup>  
10<sup>-3</sup>  
10<sup>-4</sup>

50 100 150 200 250 300 350

$\phi$  mass (GeV)

