


CMS $35.9 \text{ fb}^{-1} + 41.5 \text{ fb}^{-1} + 60 \text{ fb}^{-1} \text{ (13 TeV)}$

Cross Section [pb]

95% CL Upper Limits **Expected Limit $\pm 1\sigma$, $\pm 2\sigma$**  $\sigma_{\text{th}}^{\text{NNLO+NNLL}}(\text{BH}) \pm 1\sigma$ 10^{-2} 10^{-3} 10^{-4} 10^{-5}

4

5

6

7

8

9

10

11

 $m(\text{BH}) \text{ [TeV]}$ $M_{\text{BH}} = 10 \text{ TeV}$