

$97.6 \text{ fb}^{-1} (13 \text{ TeV}) + 36.6 \text{ fb}^{-1} (13.6 \text{ TeV})$

CMS *Supplementary*

$H \rightarrow Z_D Z_D$

$(m(Z_D) [\text{GeV}], B(Z_D \rightarrow \mu\mu)) =$

- (10, 0.144)
- (20, 0.143)
- (30, 0.140)
- (40, 0.134)
- (50, 0.122)
- (60, 0.103)

95% CL upper limit on $B(H \rightarrow Z_D Z_D)$

$10^{-3} \quad 10^{-2} \quad 10^{-1} \quad 1 \quad 10 \quad 10^2 \quad 10^3 \quad 10^4 \quad 10^5 \quad 10^6$

$c\tau [\text{cm}]$