

62.4 fb⁻¹ (13.6 TeV)

CMS

$H \rightarrow Z_D Z_D$ ($m_{Z_D} = 5$ GeV, $B(Z_D \rightarrow \mu\mu) = 0.158$)

— Observed

--- Expected

95% CL expected

68% CL expected

— JHEP 04 (2022) 062

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

10⁻² 10⁻¹ 10⁰ 10¹ 10²

$c\tau_0^{Z_D}$ [cm]

