

(13.6 TeV)

CMS *Simulation*

$H \rightarrow Z_D Z_D$

$m(H) = 125$ GeV

$m(Z_D) = 20$ GeV

- Run 2 (2018)
- Run 3 (2022)
- Run 3 (2022, L3)
- Run 3 (2022, L2)

L1T+HLT efficiency

$\frac{\text{Run 3 (2022)}}{\text{Run 2 (2018)}}$

$\sigma\tau$ [cm]

