

(13.6 TeV)

L1T+HLT efficiency

**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)

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

$\sigma\tau$  [cm]

