

$101 \text{ fb}^{-1}$  (13 TeV)

Kinetic mixing parameter  $\epsilon$

**CMS**

Supplementary

$gg \rightarrow H \rightarrow Z_D Z_D \rightarrow 2\mu 2X$

$B(Z_D \rightarrow \mu\mu)$  from JHEP 02 (2015) 157

$10^{-5}$

$10^{-6}$

$10^{-7}$

$10^{-8}$

$10^{-9}$

1

2

3

4

5

6

7

8

9

10

20

30

40

50

$m_{Z_D} [\text{GeV}]$

