

**CMS**

$m_H = 125 \text{ GeV}$

$m_{Z_D} = 50 \text{ GeV}$

$B(Z_D \rightarrow \mu\mu) = 0.122$

95% CL upper limits:

— Combined observed

- - - Combined expected (median)

■ Combined expected (68% quantile)

■ Combined expected (95% quantile)

- - - STA-STA expected (median)

- - - TMS-TMS expected (median)

- - - STA-TMS expected (median)

