Rotated Surface Code Z-Memory: LER vs  $\tau/T_1$  $10^{-1}$ Error Model Distance d=11 Pauli Twirling 0 d=7Composite Damping d=5d=3 10-2 **10**<sup>-3</sup> Logical Error Rate (LER)
0
1
1 10<sup>-5</sup>  $10^{-6}$ 10<sup>-2</sup>  $10^{-1}$ 

 $\tau/T_1$