Rotated Surface Code Z-Memory: LER vs  $\tau/T_1$ Error Model / Limits Distance  $10^{-1}$ d=3Pauli Twirling 0 d=5Composite Damping d=795% upper limit (k=0) d=11 10-2 10<sup>-3</sup> Logical Error Rate (LER)
0
1
2
4  $10^{-6}$ 10-7 10-8 10<sup>-3</sup> 10-2  $10^{-1}$ 

 $\tau/T_1$