Rotated Surface Code Z-Memory: LER vs τ/T_1 10-1 -Error Model Distance d=11 Pauli Twirling 0 d=9Composite Damping d=5d=3 10-2 10⁻³ Logical Error Rate (LER) 10^{-4} 10-5 10^{-6} 10-3 10-2 10^{-1} τ/T_1