Comparison of direct emission scheme protocols at  $\alpha = 0.05$  $6 \times 10^{-3}$  $4 \times 10^{-3}$ SR(Direct Raw) SR(Direct DC) SR(Distill Basic) **Success Rate** SR(Distill W) SR(Distill SC Bell)  $3 \times 10^{-3}$ SR(Distill DC Bell) SR(Direct Raw) PNR SR(Direct DC) PNR SR(Distill Basic) PNR SR(Distill W) PNR SR(Distill SC Bell) PNR SR(Distill DC Bell) PNR  $2 \times 10^{-3}$  $10^{-1}$ 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>0</sup> 10<sup>5</sup> **Coherence times** *T*