Comparison of direct emission scheme protocols 10^{-1} 10-2 **Success Rate** SR(Direct Raw) SR(Direct DC) SR(W to GHZ DC) SR(Direct Raw) PNR SR(Direct DC) PNR 10-3 SR(W to GHZ DC) PNR SR(Distill Basic) SR(Distill W) SR(Direct SC Bell) SR(Distill DC Bell) SR(Distill W to GHZ) SR(Distill Basic) PNR SR(Distill W) PNR 10^{-4} SR(Distill SC Bell) PNR SR(Distill DC Bell) PNR SR(Distill W to GHZ) PNR 0.05 0.10 0.15 0.20 0.35 0.45 0.50 0.25 0.30 0.40 Bright state parameter α