Comparison of direct emission scheme protocols **GHZ** state Infidelity A Raw GHZ DC GHZ→GHZ DC W→W Raw GHZ (PNR) DC GHZ→GHZ (PNR) DC W→W (PNR) Distill GHZ→GHZ Distill W→GHZ 10-1 Distill SC-Bell→GHZ Distill DC-Bell→GHZ Distill W→W Distill GHZ→GHZ (PNR) Distill W→GHZ (PNR) Distill SC-Bell→GHZ (PNR) Distill DC-Bell→GHZ (PNR) Distill W→W (PNR) 0.10 0.15 0.20 0.30 0.05 0.25 0.35 0.40 0.45 0.50 Bright state parameter  $\alpha$