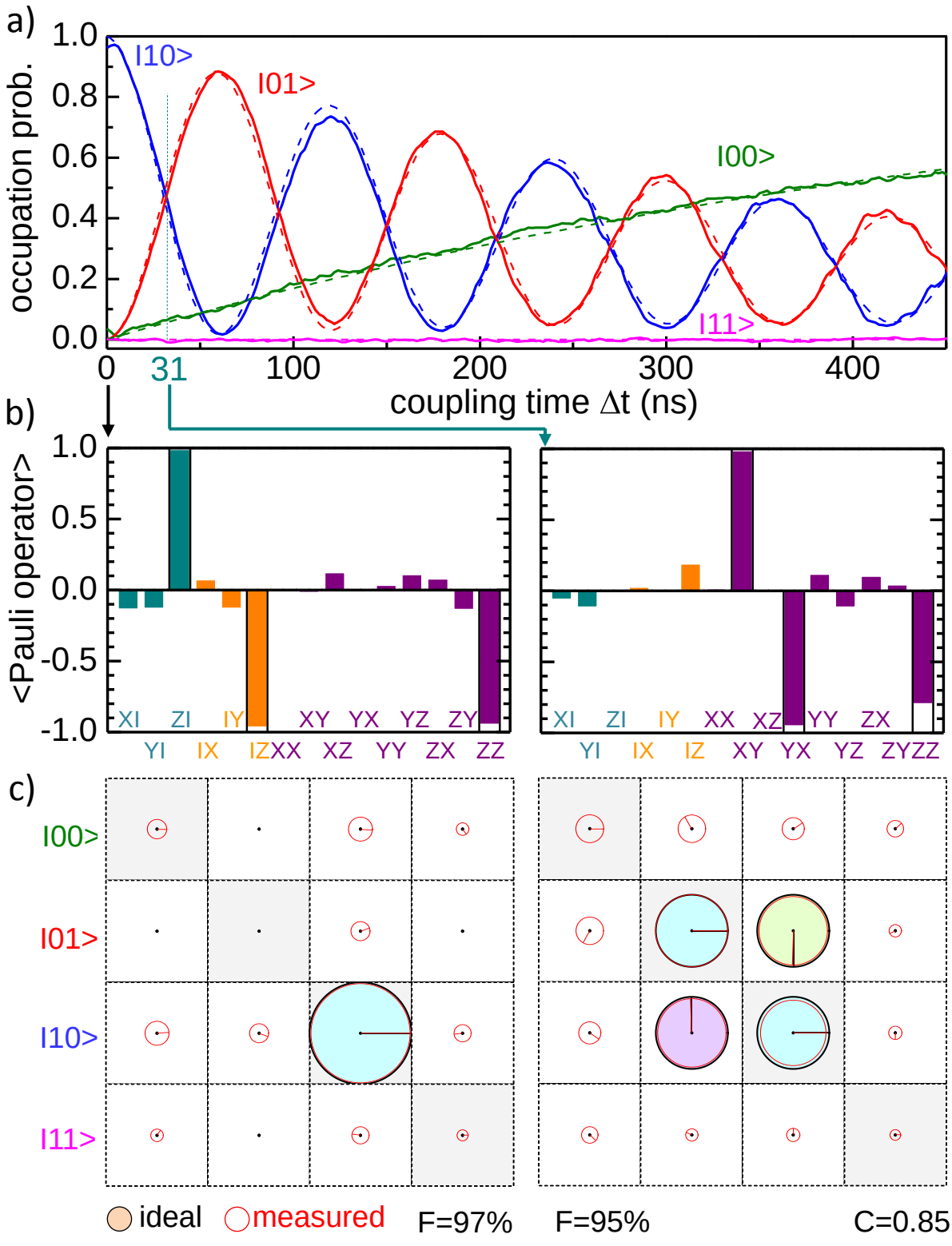

Simulation data at L:\local-expdata\FO-C5\3rd-Run\2011_04_13\good_data\simulation of swap 2.par
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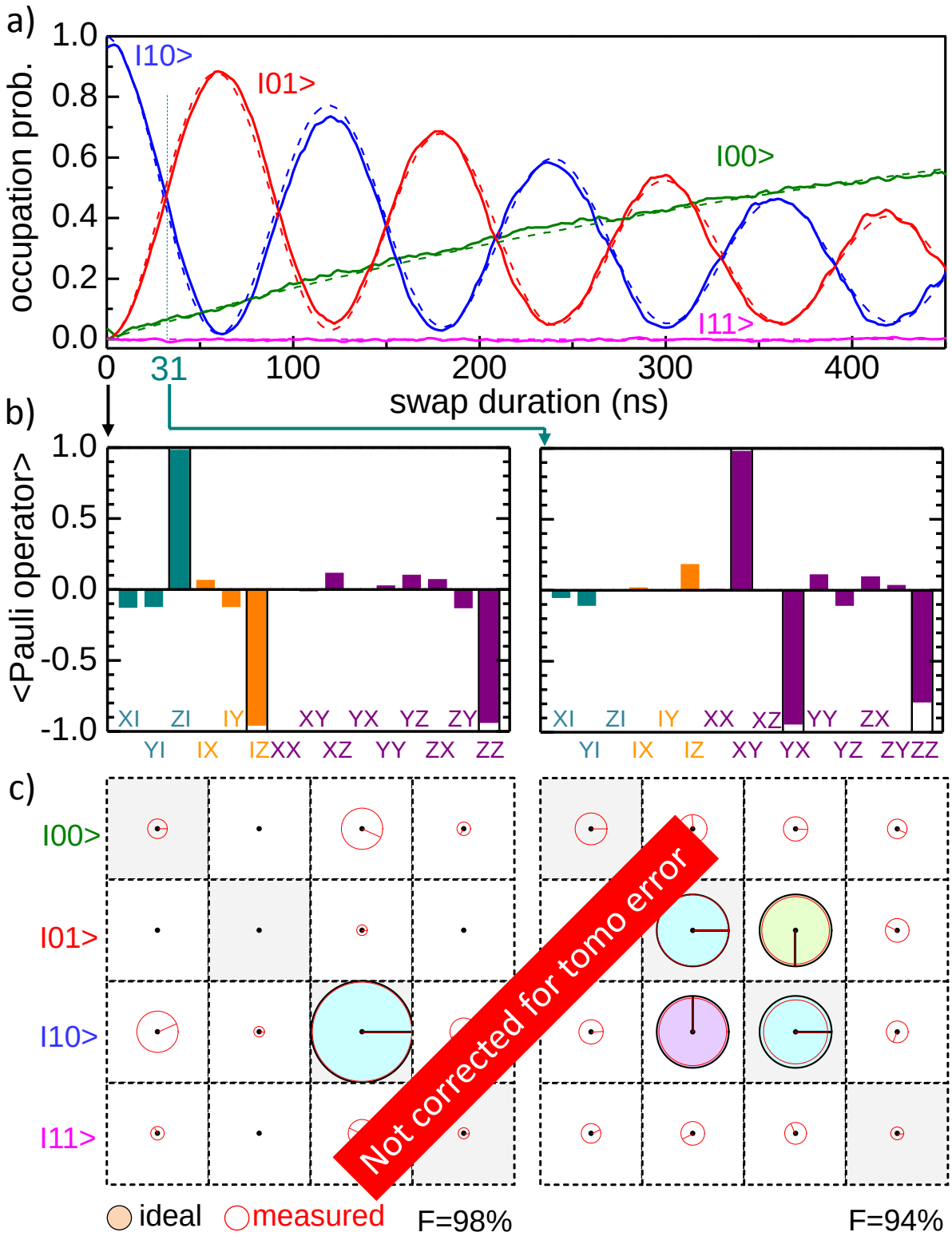
Density matrices from \\ORDERIC\users\Commun\PROJET Cavités\articles\ISWAP\swap.nb
Spins: L:\local-expdata\FO-C5\3rd-Run\2011_04_21\Quantum Process Tomography at 31 ns-16-spins-0.txt



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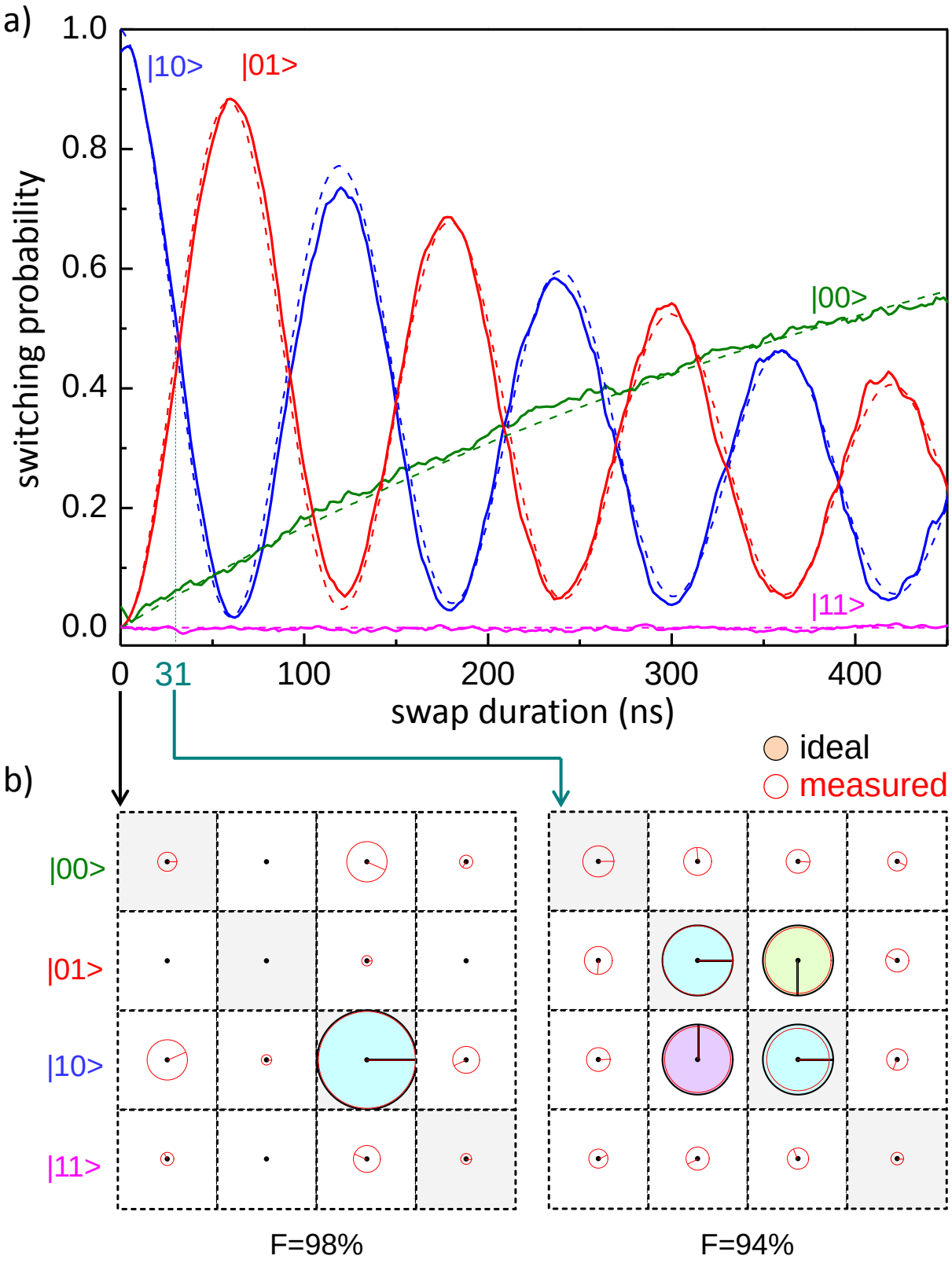
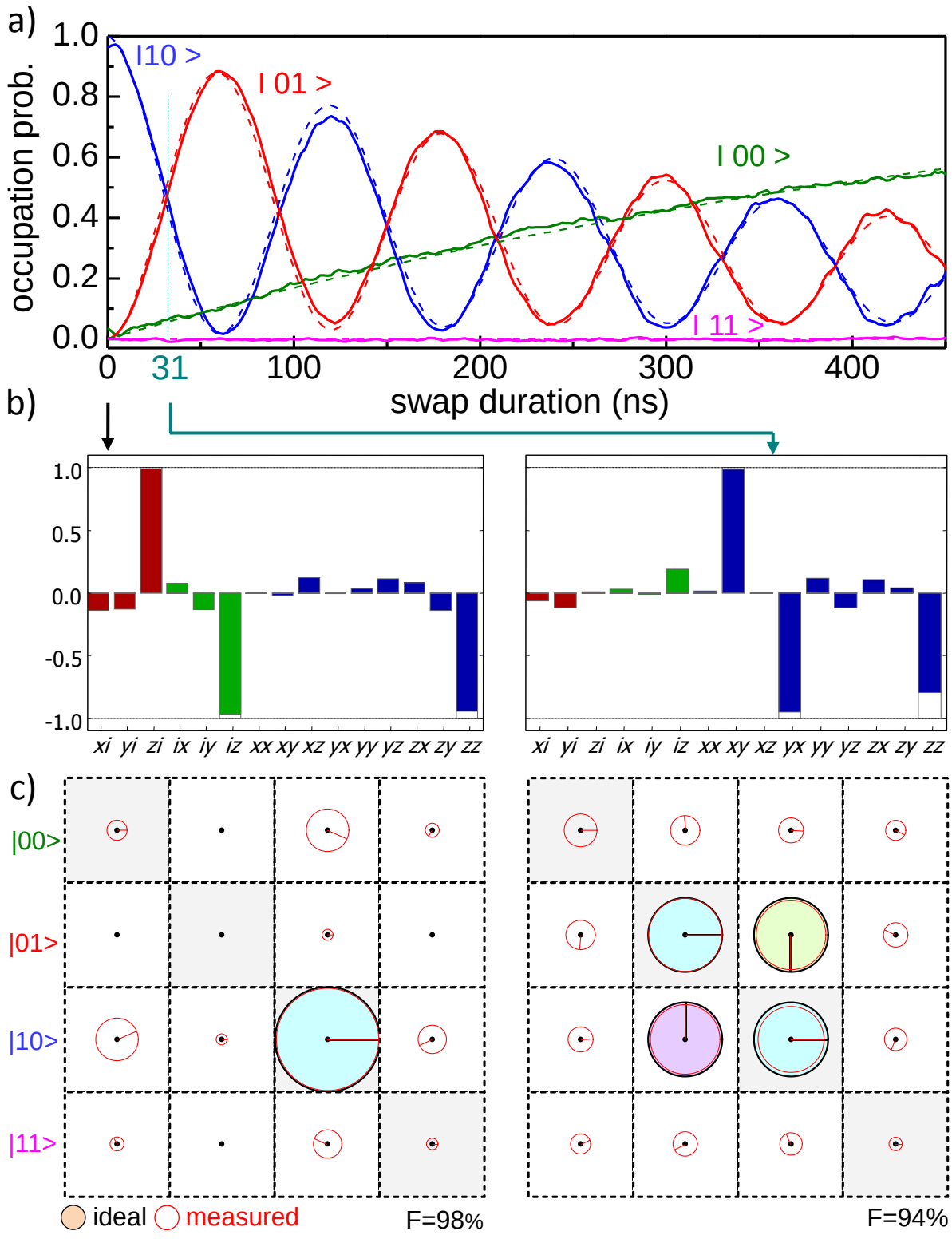
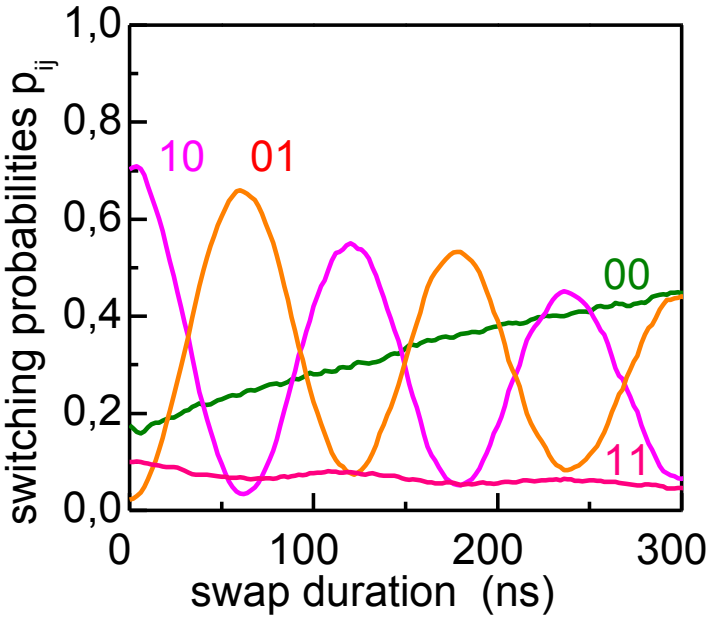
Density matrices from \\ORDERIC\users\Commun\PROJET Cavités\articles\ISWAP\swap.nb
Spins: L:\local-expdata\FO-C5\3rd-Run\2011_04_21\Quantum Process Tomography at 31 ns-16-spins-0.txt

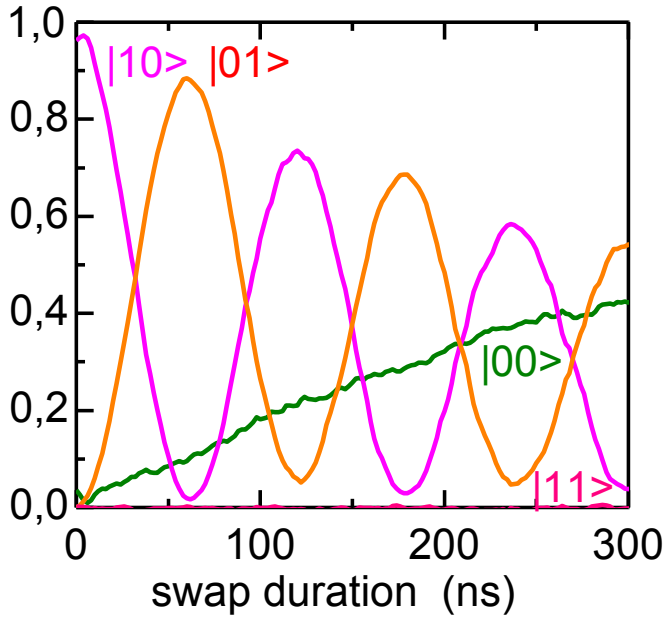
Simulation data at L:\local-expdata\FO-C5\3rd-Run\2011_04_13\good_data\simulation of swap 2.par
Data L:\local-expdata\FO-C5\3rd-Run\2011_04_13\good_data\swap.opj
Density matrices from \\ORDERIC\users\Commun\PROJET Cavités\articles\ISWAP\swap.nb

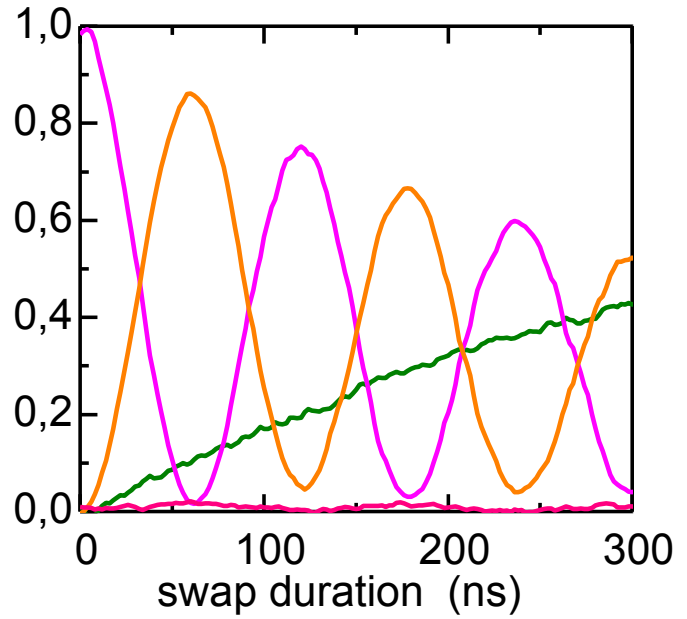


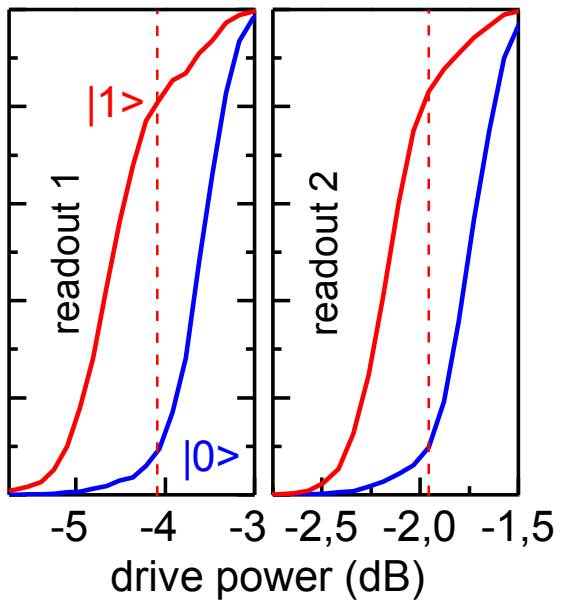


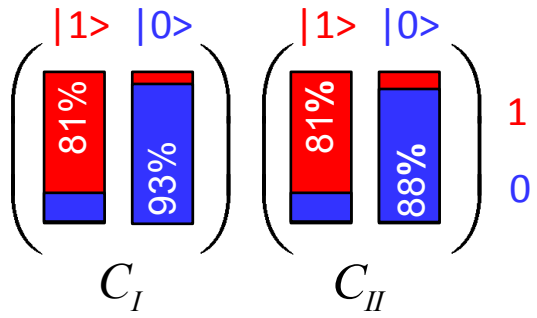
Simulation data at L:\local-expdata\FO-C5\3rd-Run\2011_04_13\good_data\simulation of swap 2.par
Data L:\local-expdata\FO-C5\3rd-Run\2011_04_13\good_data\swap.opj
Density matrices from \\ORDERIC\users\Commun\PROJET Cavités\articles\ISWAP\swap.nb
Spins: L:\local-expdata\FO-C5\3rd-Run\2011_04_21\Quantum Process Tomography at 31 ns-16-spins-0.txt

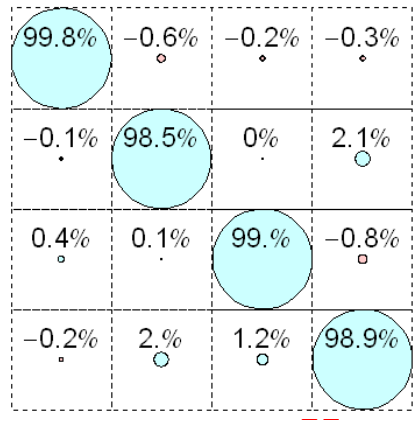




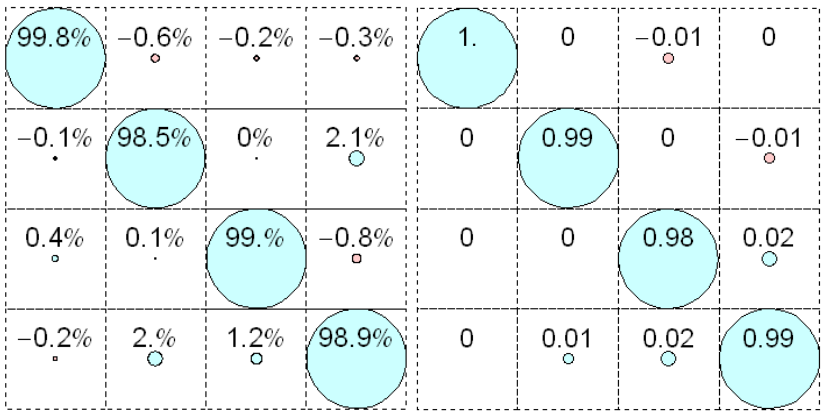








$$\downarrow C = C_{CT} \cdot \; C_I \otimes C_{II}$$


99.8%
−0.6%
−0.2%
−0.3%
1.
0
−0.01
0
−0.1%
98.5%
0%
2.1%
0
0.99
0
−0.01
0.4%
0.1%
99.%
−0.8%
0
0
0.98
0.02
−0.2%
2.%
1.2%
98.9%
0
0.01
0.02
0.99

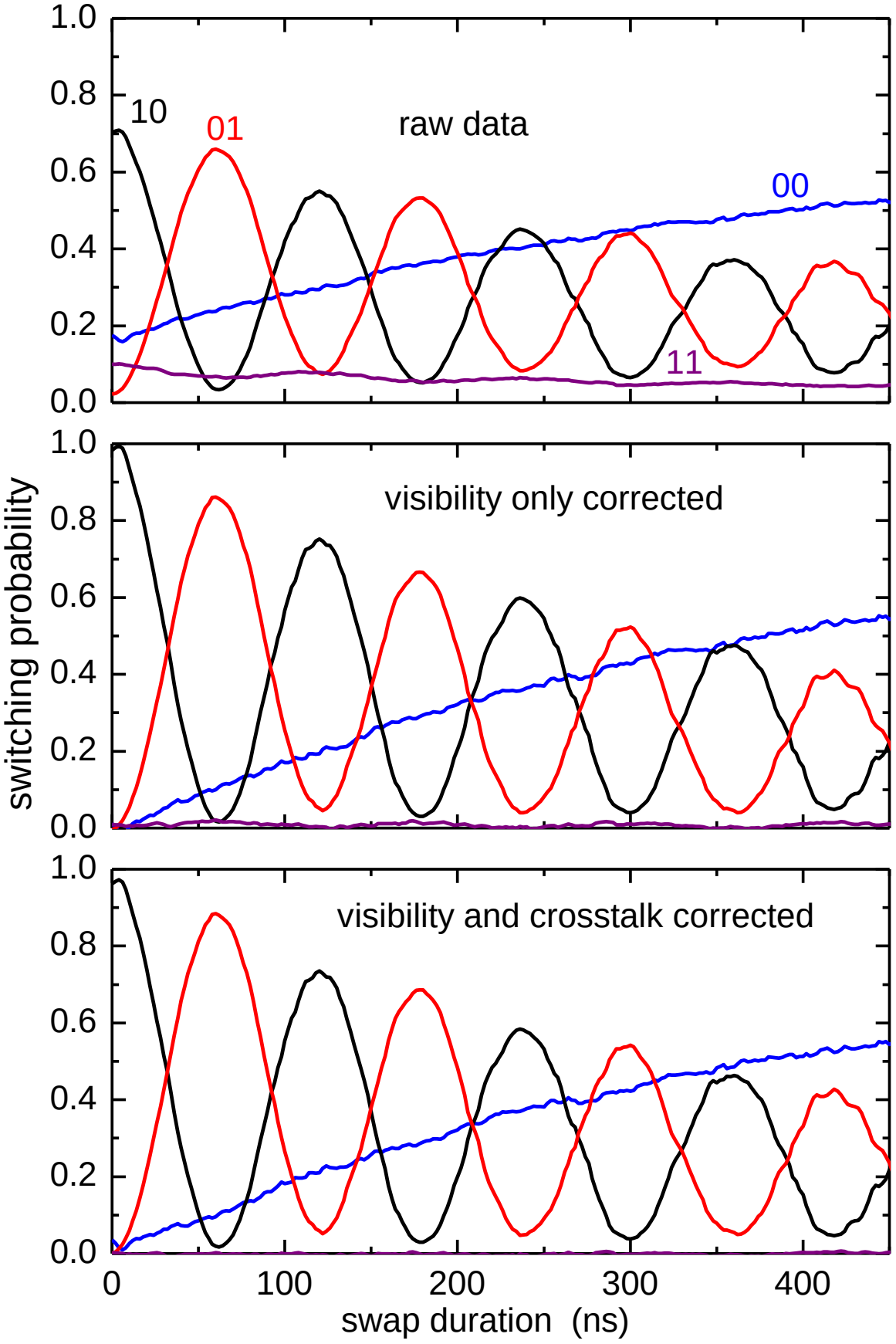
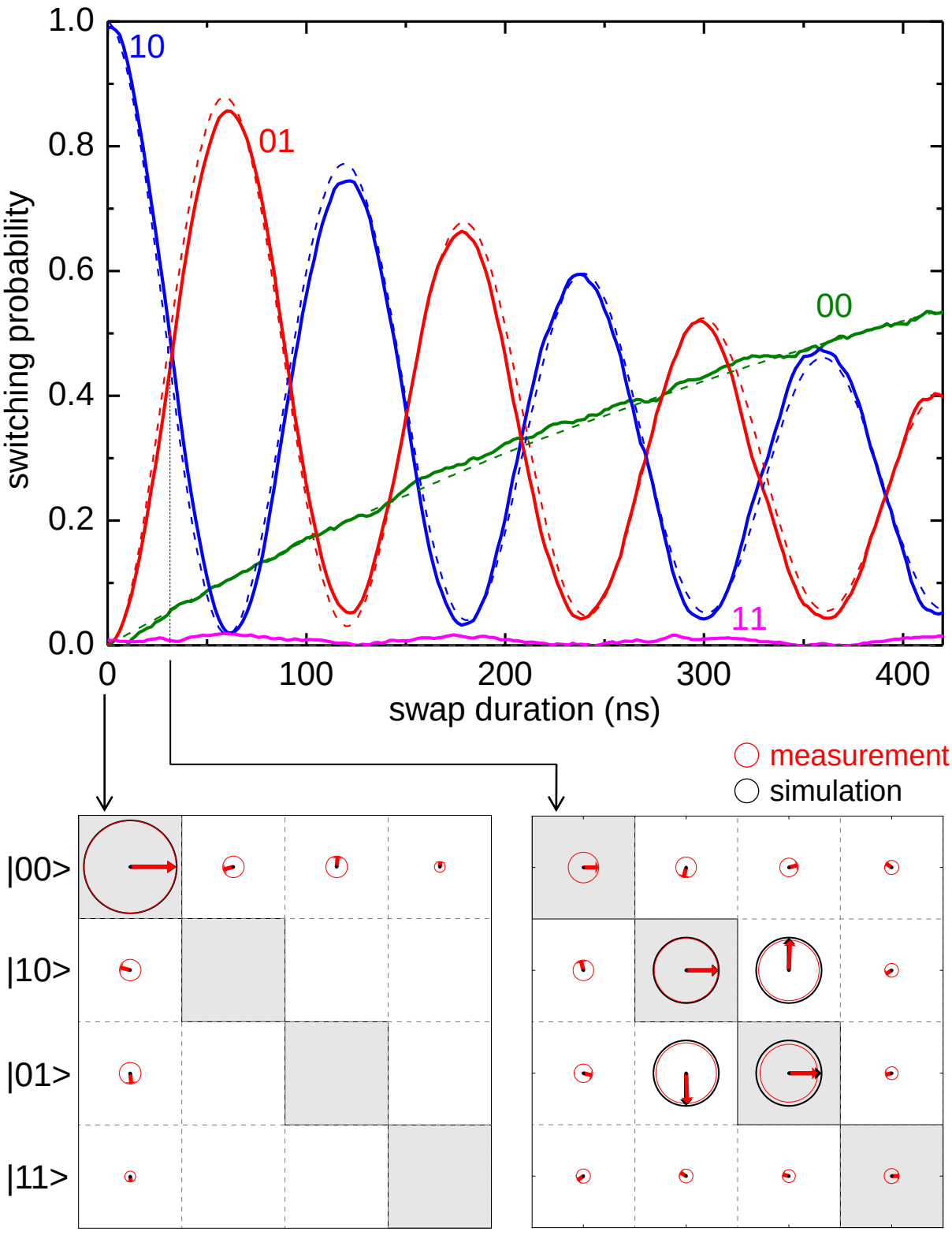
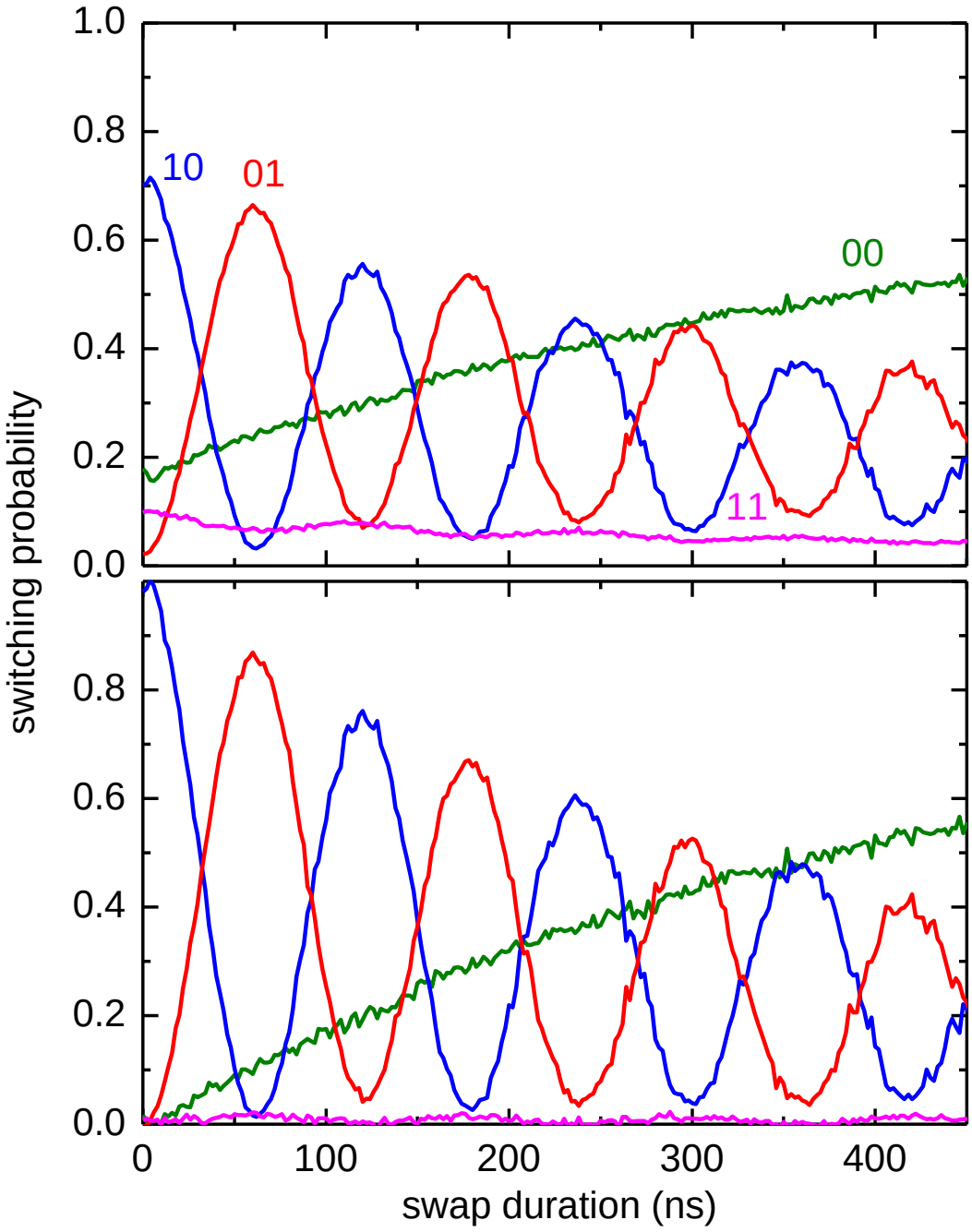
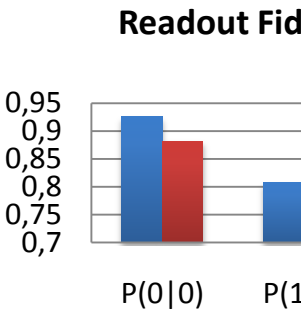

raw data
10
01
00
11
visibility only corrected
visibility and crosstalk corrected
switching probability
swap duration (ns)
0.0
0.2
0.4
0.6
0.8
1.0
0
100
200
300
400

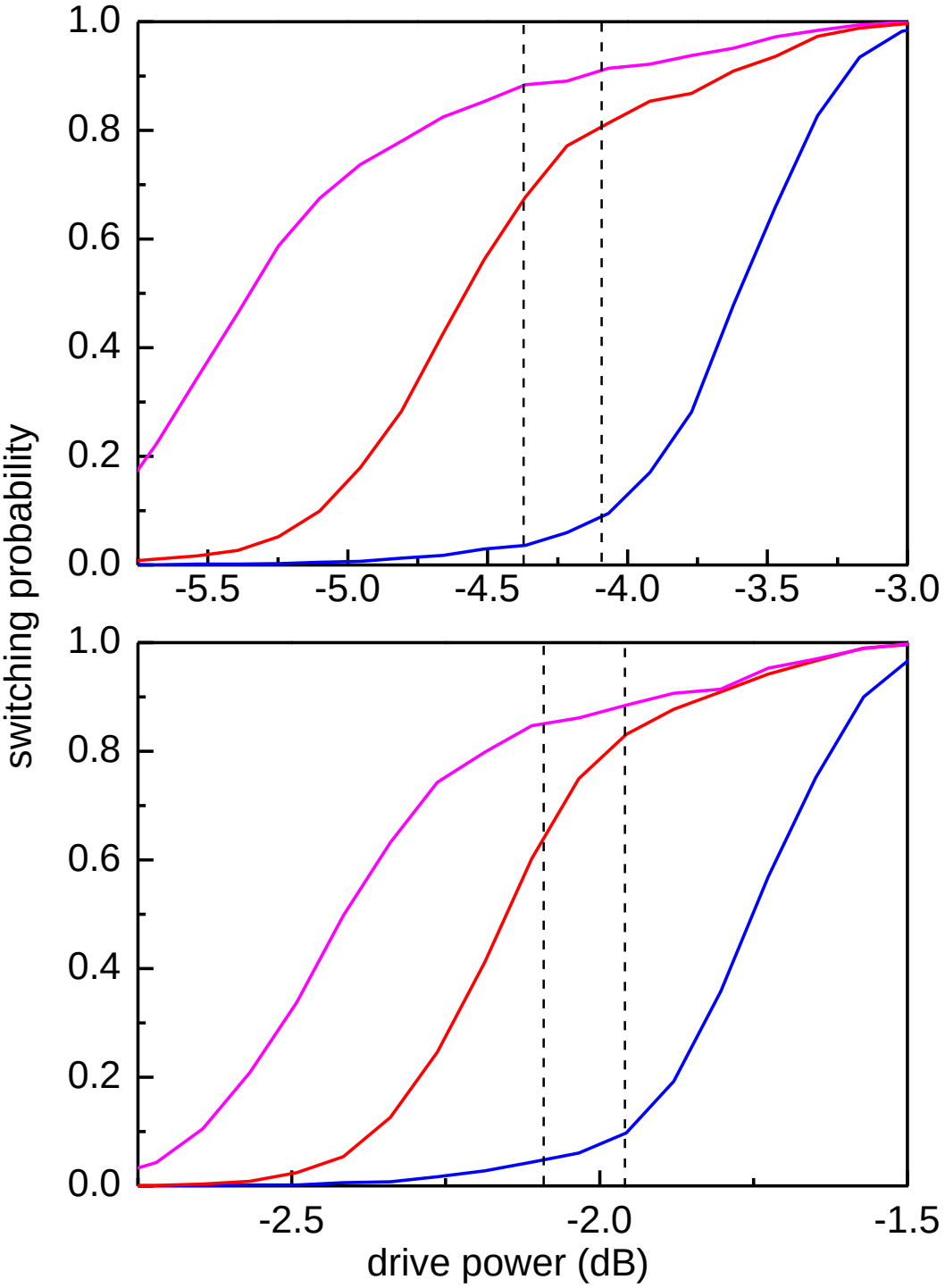
Fig 2 paper iSWAP



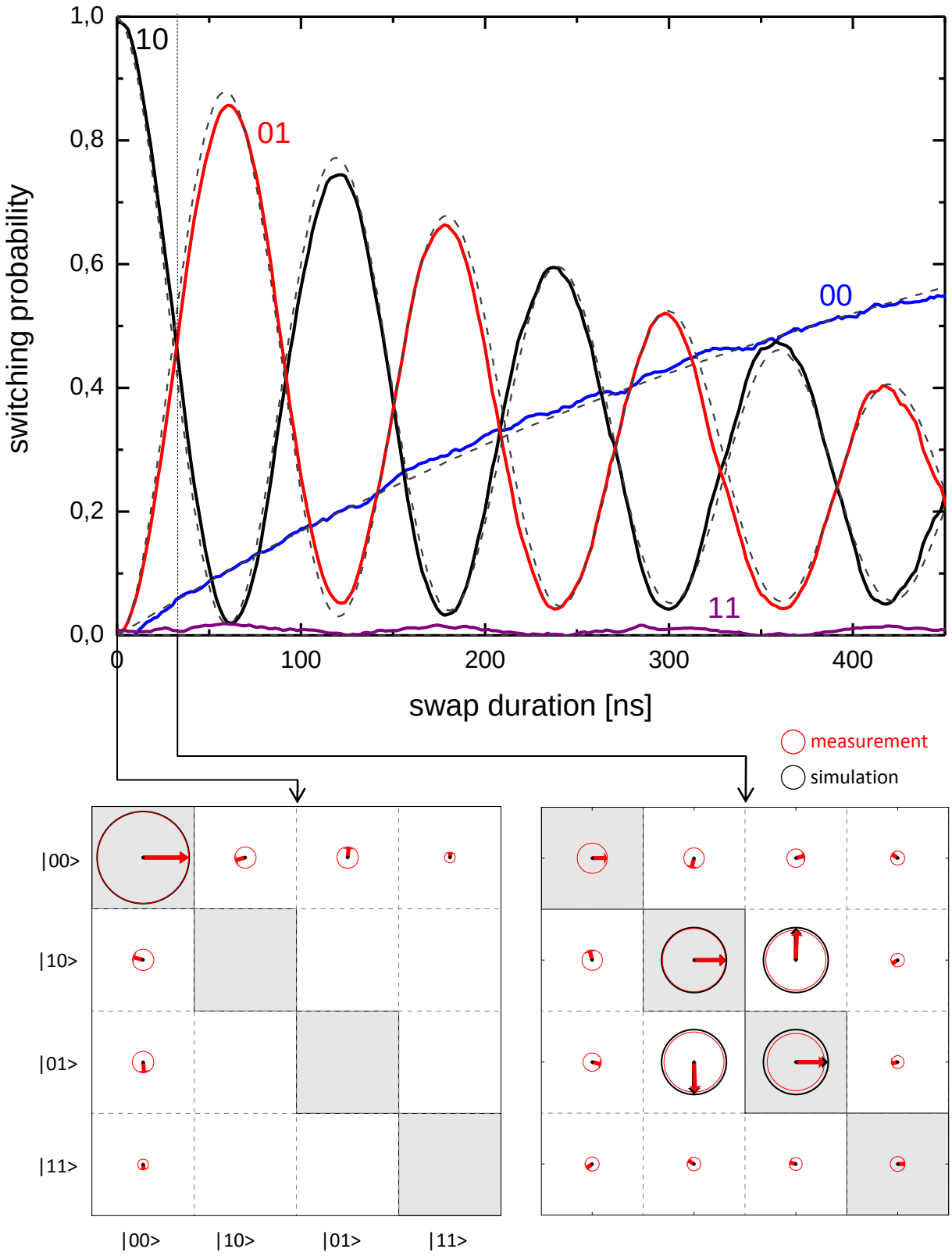
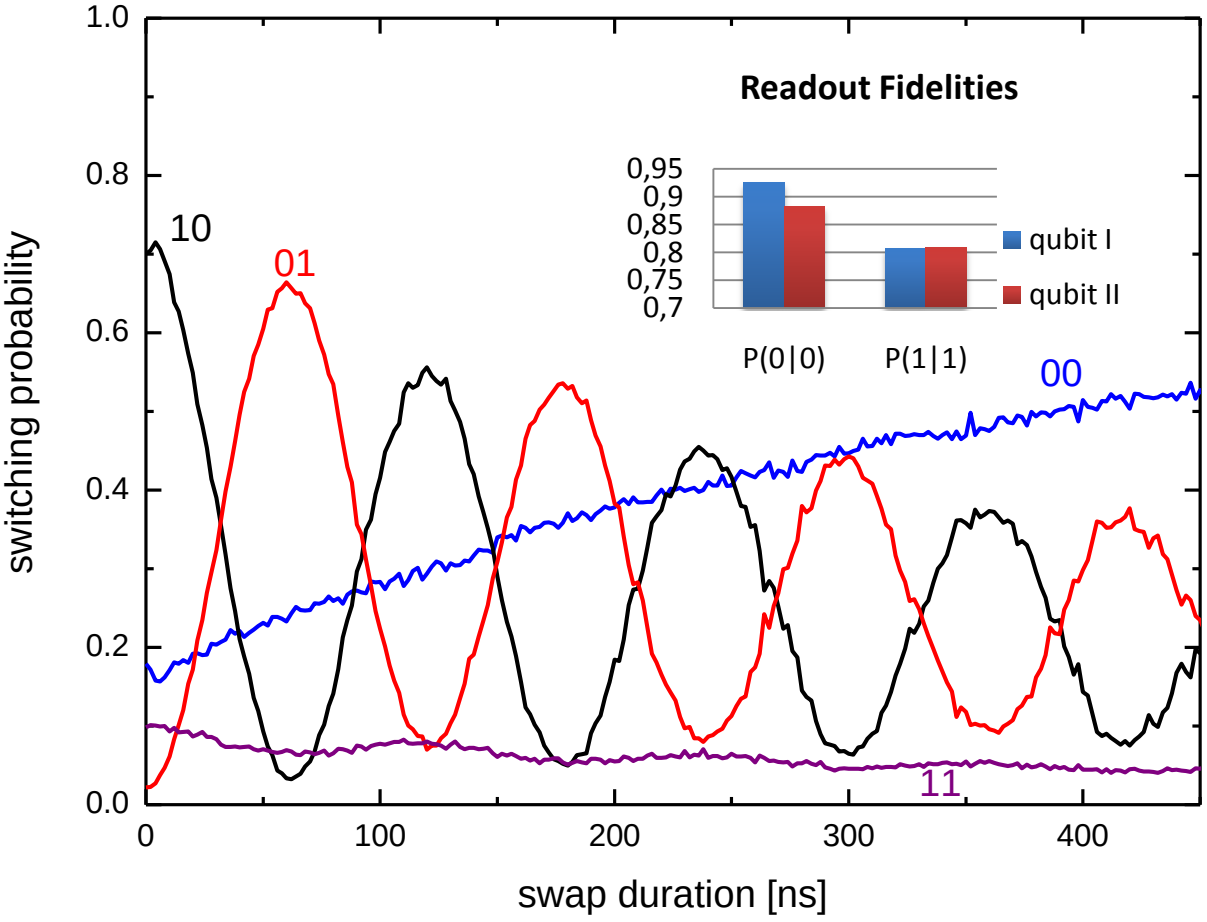
Supplementary material for paper iSWAP






1.0
0.8
0.6
0.4
0.2
0.0
switching probability
-5.5
-5.0
-4.5
-4.0
-3.5
-3.0
1.0
0.8
0.6
0.4
0.2
0.0
-2.5
-2.0
-1.5
drive power (dB)

Simulation data at L:\local-expdata\FO-C5\3rd-Run\2011_04_13\good_data\simulation of swap 2.par
Data at L:\local-expdata\FO-C5\3rd-Run\2011_04_13\good_data\quantum swap vs. Duration.par



Data at L:\local-expdata\FO-C5\3rd-Run\2011_04_13\good_data\quantum swap vs. Duration.par