Two-particle probability densities Boson/spin singlet Spin triplet 1.0 1.0 0.8 0.8 0.6 0.6  $x_2$  [L] 0.4 -0.4 0.2 0.2 0.0 0.0 0.2 0.4 8.0 0.2 0.6 8.0 0.6 1.0 0.4 1.0 0.0 0.0  $x_1$  [L]  $x_1$  [L]