

Supporting Information (Results of supplementary tests)

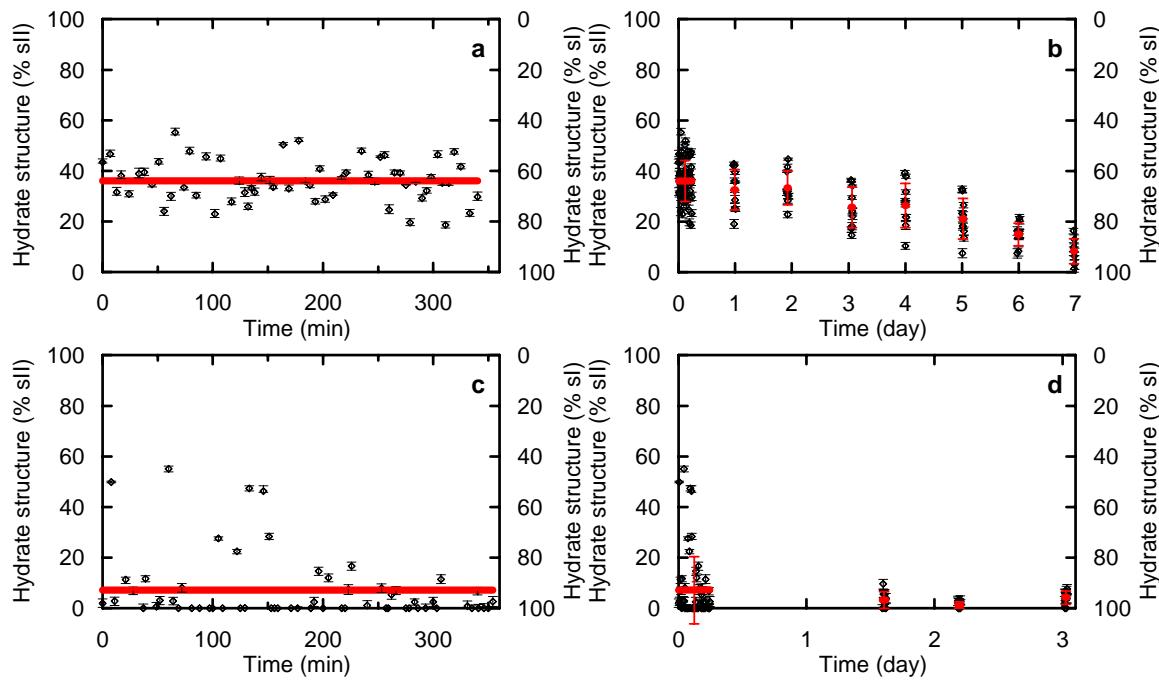


Figure S1. Methane-ethane hydrate structures at 1 °C and 5.3 MPa of 65% CH₄ in the vicinity of the gas/hydrate interfaces vs. time after the first crystals were observed. (a) and (b) Pure system. (c) and (d) System with 0.008 wt.% PVCap. Red symbols represent the mean values for the duration of the observation.

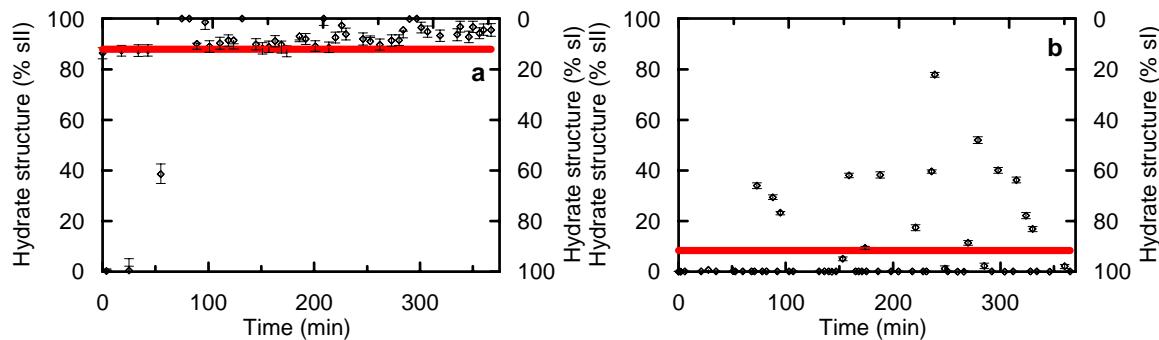


Figure S2. Methane-ethane hydrate structures at 1 °C and 8.4 MPa of 93% CH₄ in the vicinity of the gas/hydrate interfaces vs. time after the first crystals were observed. (a) Pure system. (b) System with 0.008 wt.% PVCap. Red symbols represent the mean values for the duration of the observation.