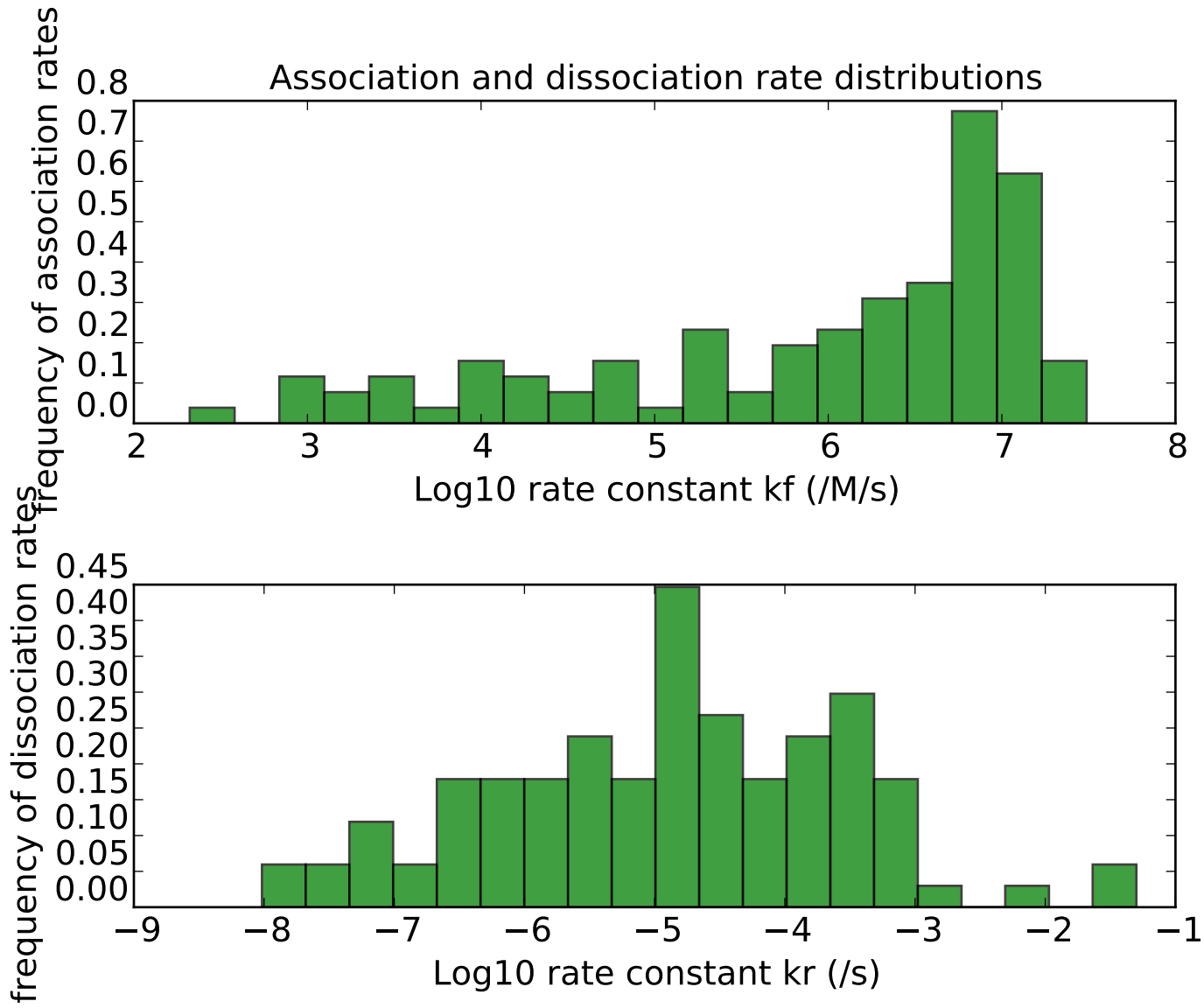
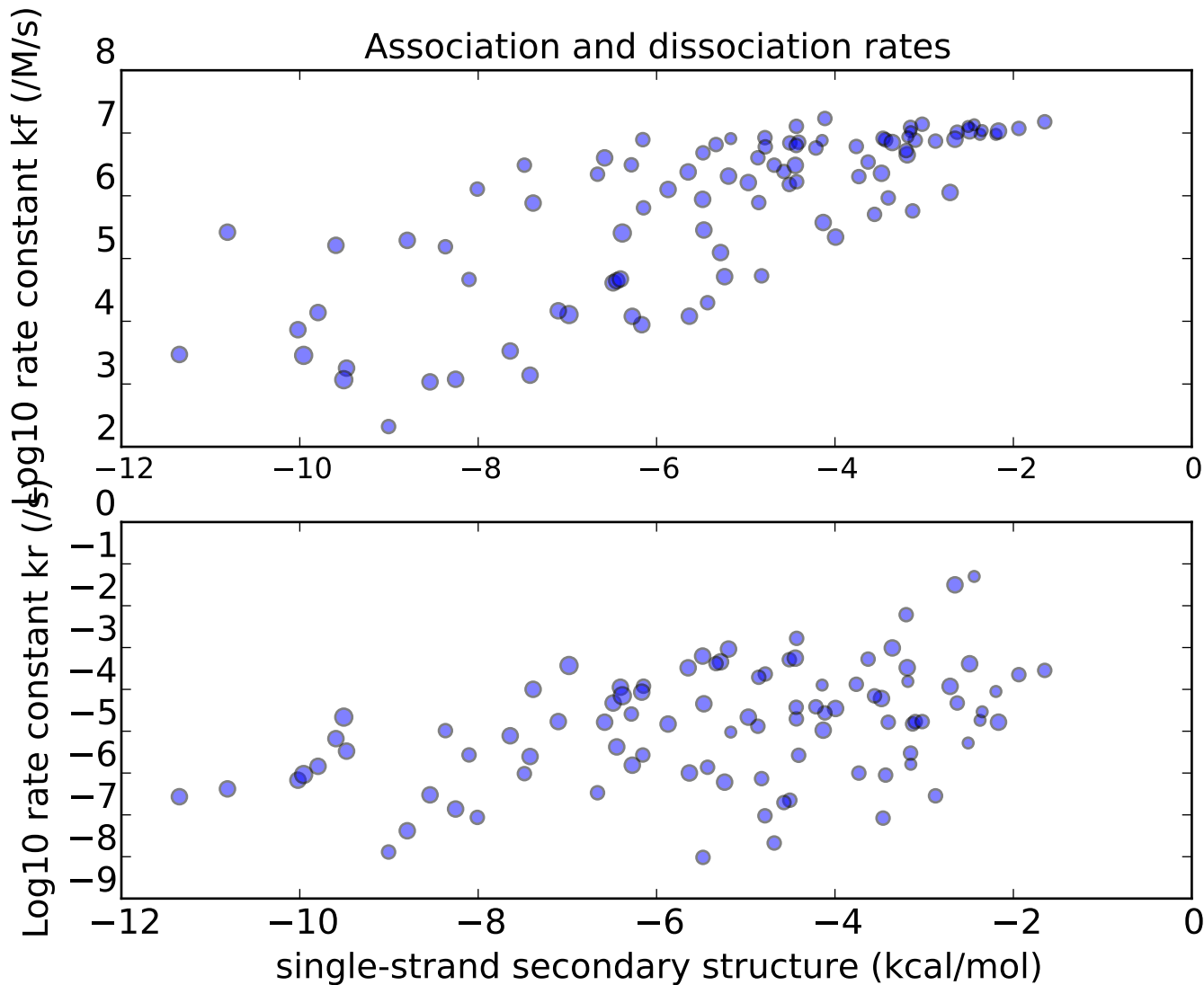
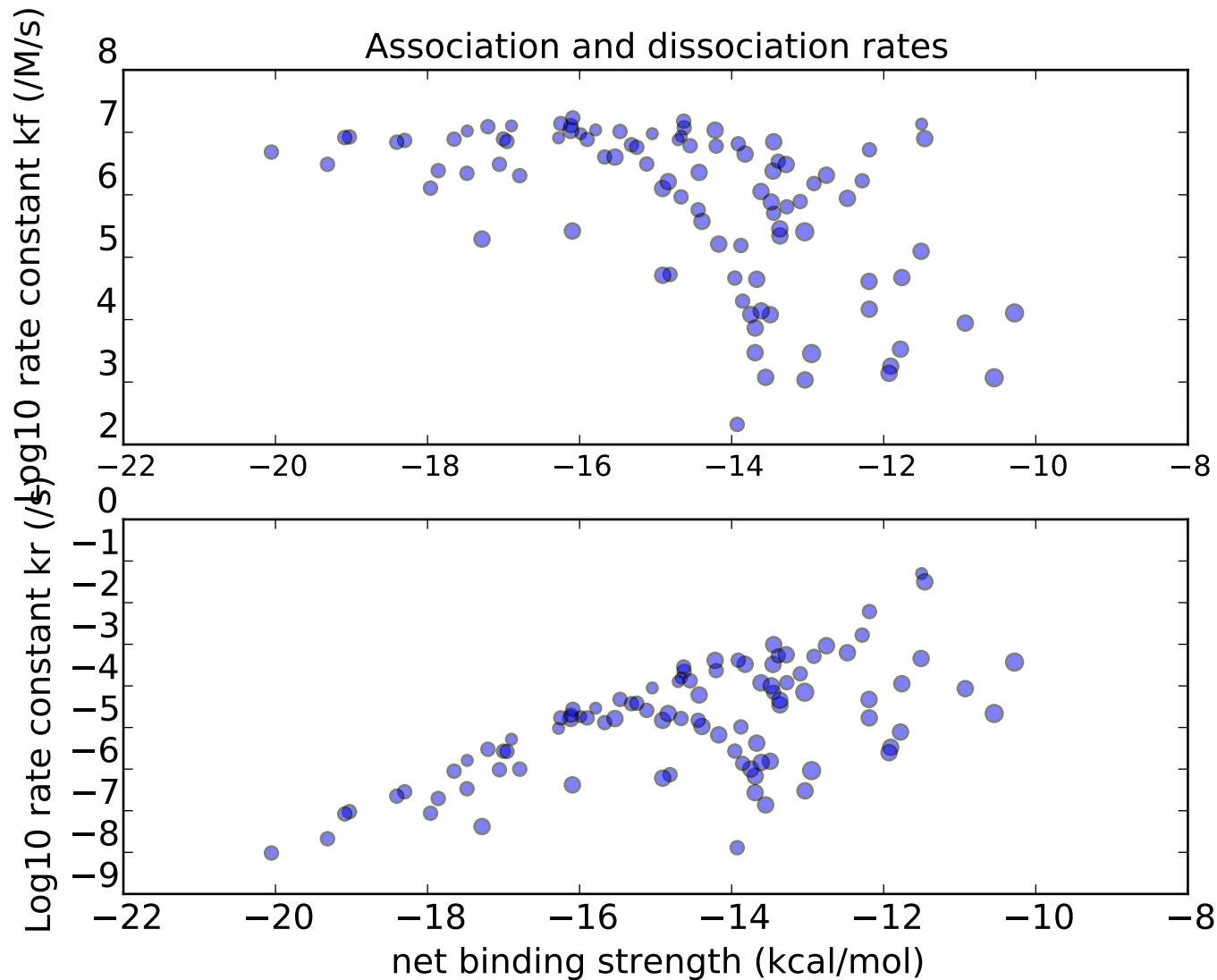
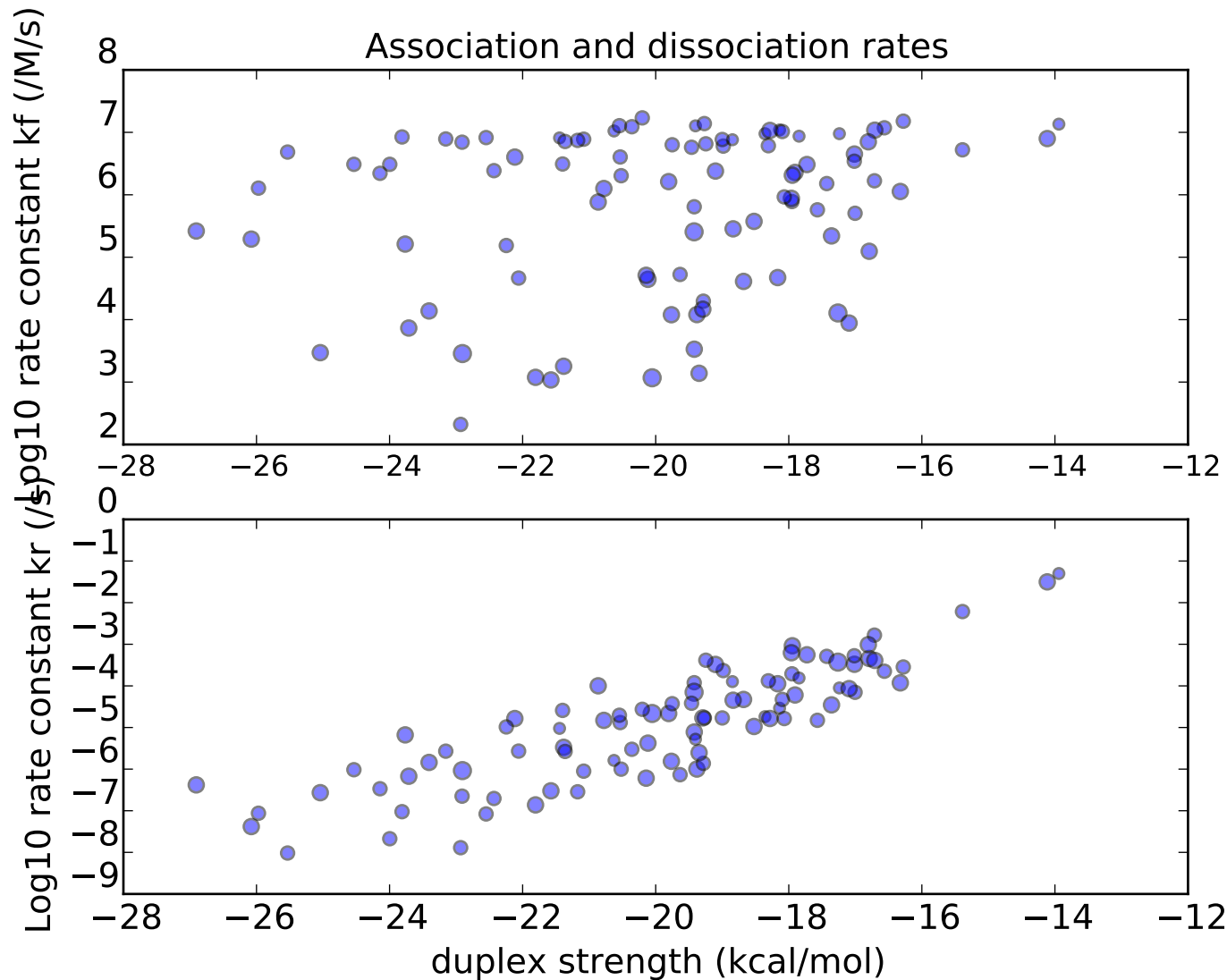


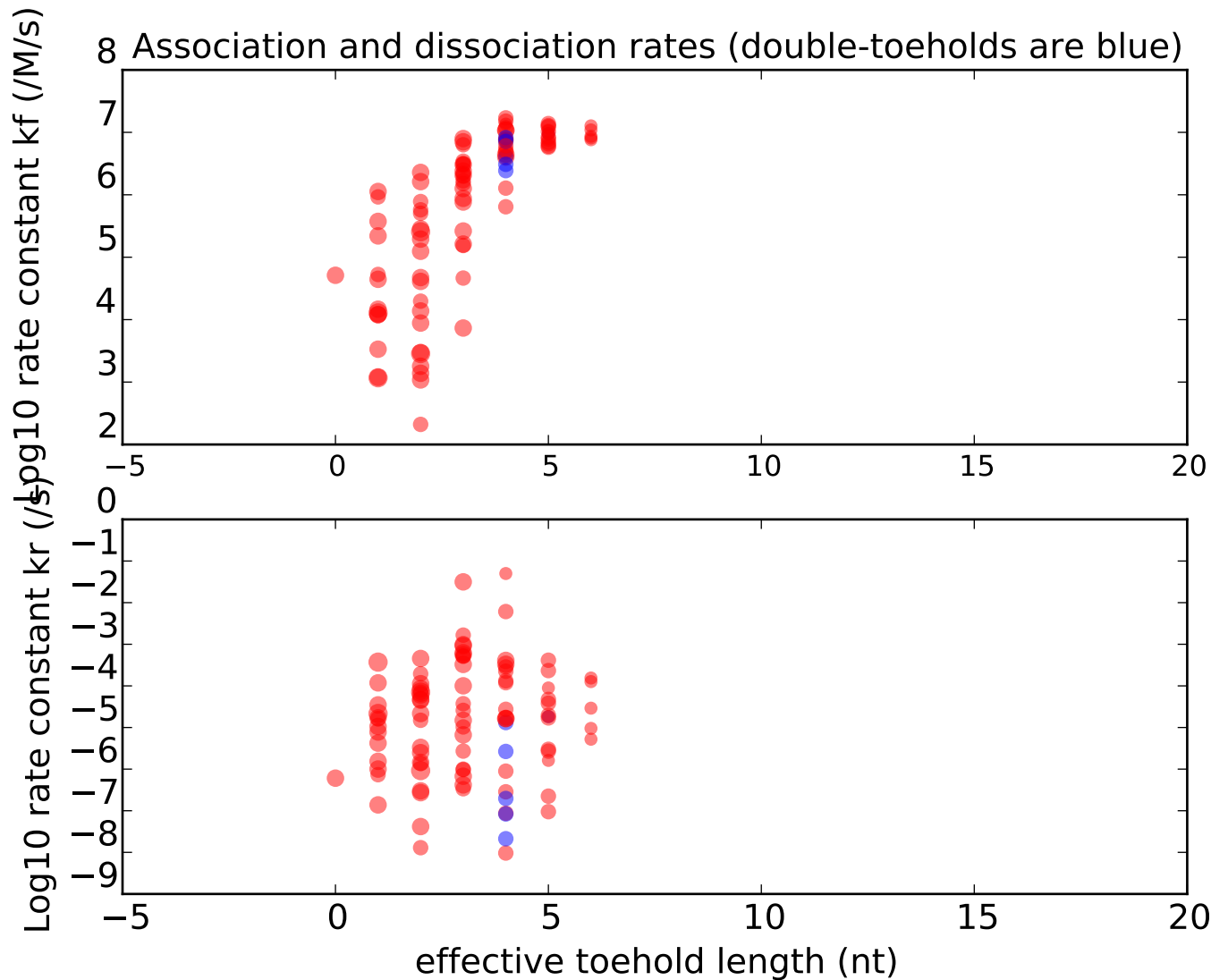
Association and dissociation rate distributions

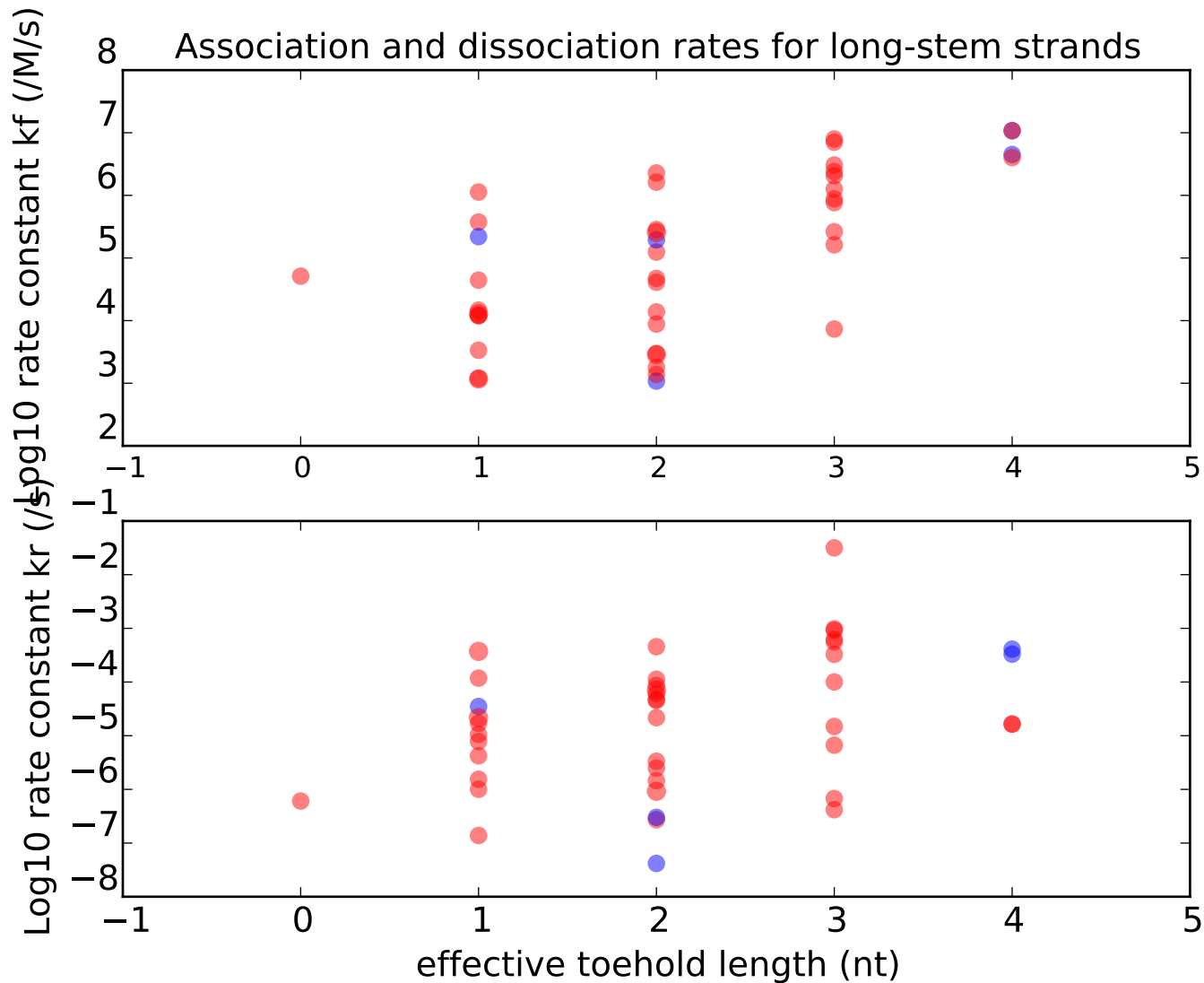




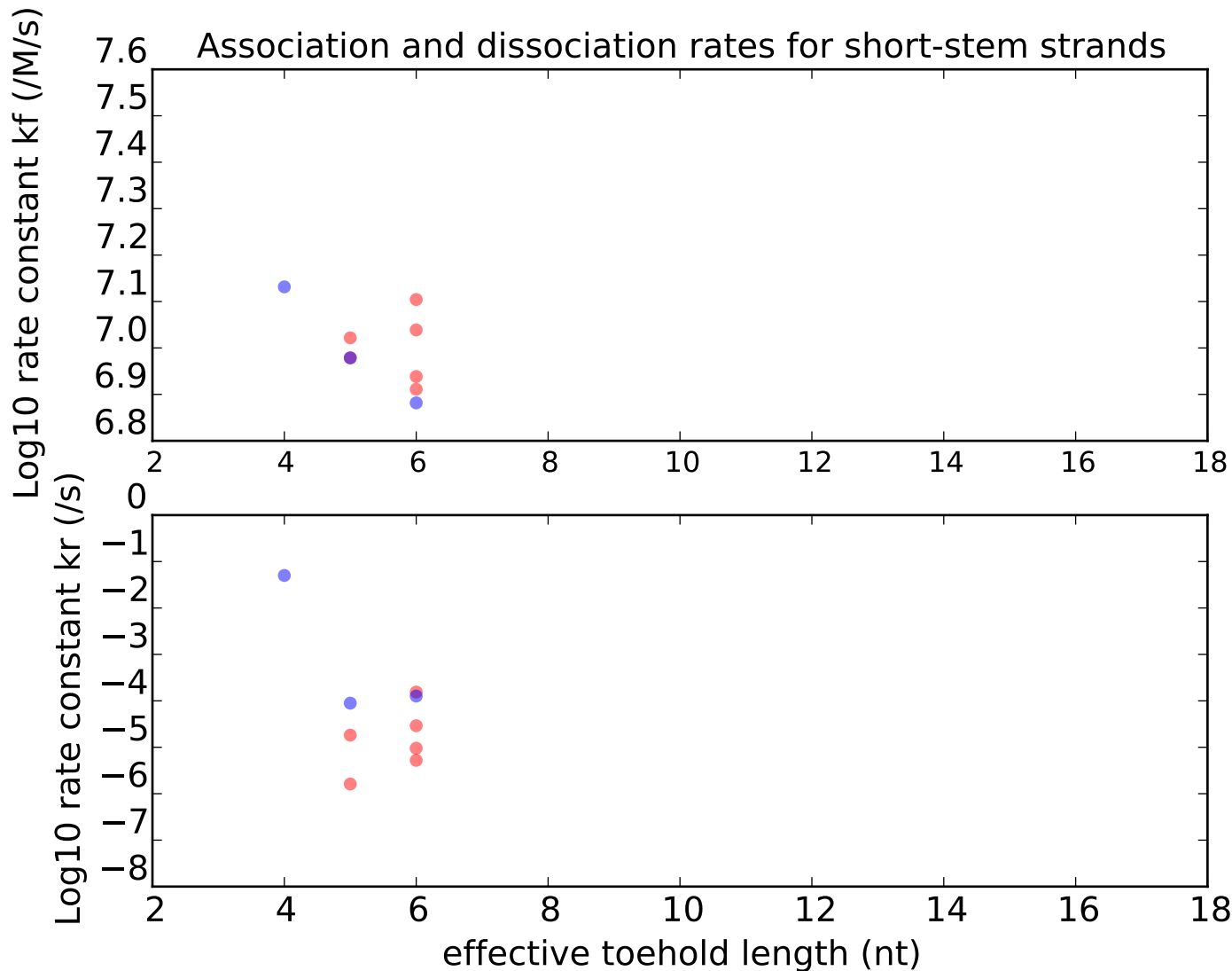




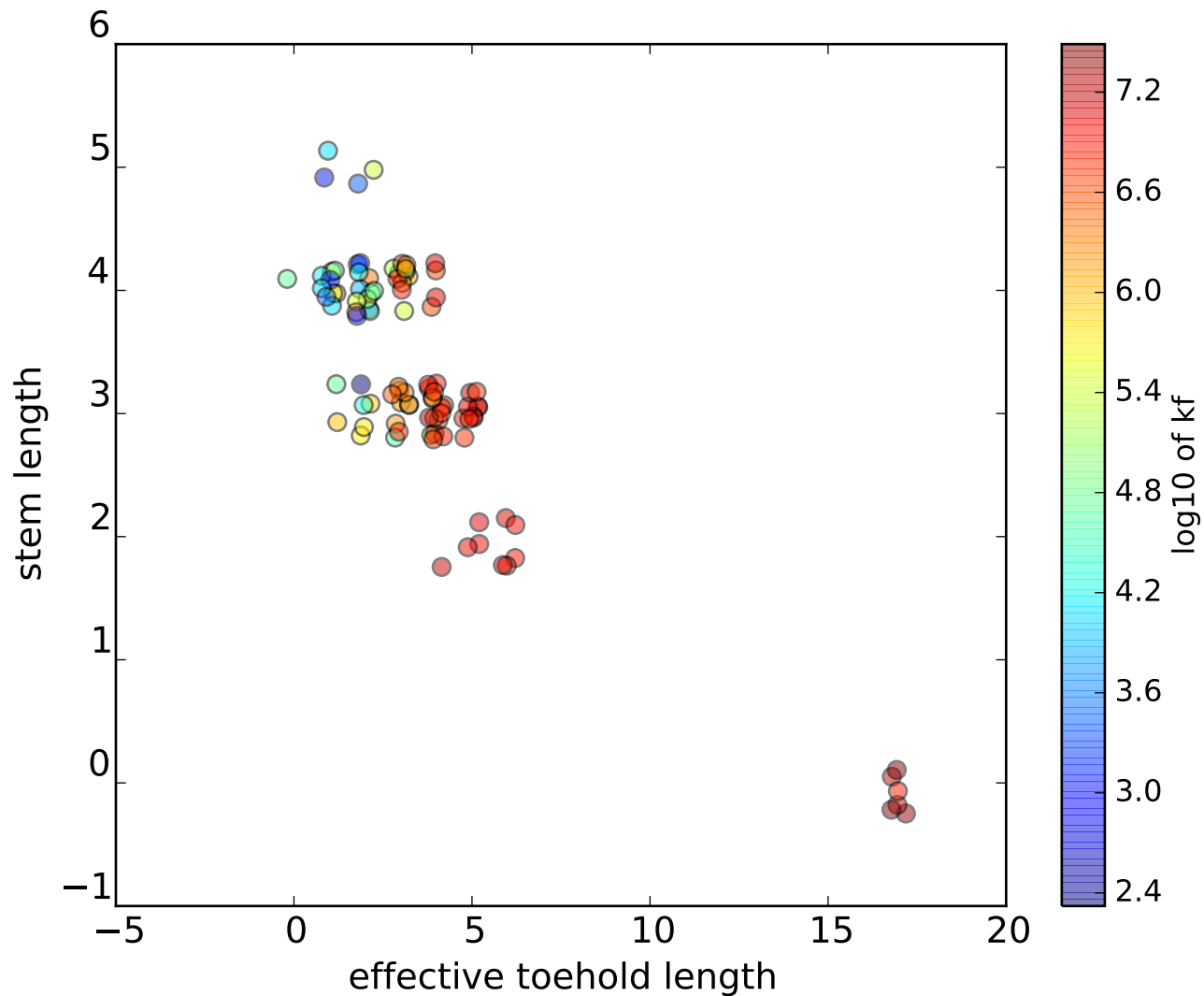




Association and dissociation rates for short-stem strands



Association rates plotted in toehold-length vs stem-length space





Disassociation rates plotted in toehold-length vs stem-length space

