

Figure S3: Simulations of growth on large facets. (a-d) Example runs. The bottom row is the pre-existing facet (256 tiles) presenting either all '0' bond types or all '1' bond types. The T-00 and T-11 tiles were either present at the normal concentration (as in Figure 2be) or at double the normal concentration (as in Figure 2cf). Simulations were performed at  $G_{mc} = 17.0$  and  $G_{se} = 8.6$ , as in Figure 2c. Orientation of the tiles is as in Figure S1c. (bottom) Probability of observing a T-00 tile L layers above the facet, for each of the four cases, estimated from 100 runs.