

Supplementary material

A Extra surface evolution plot

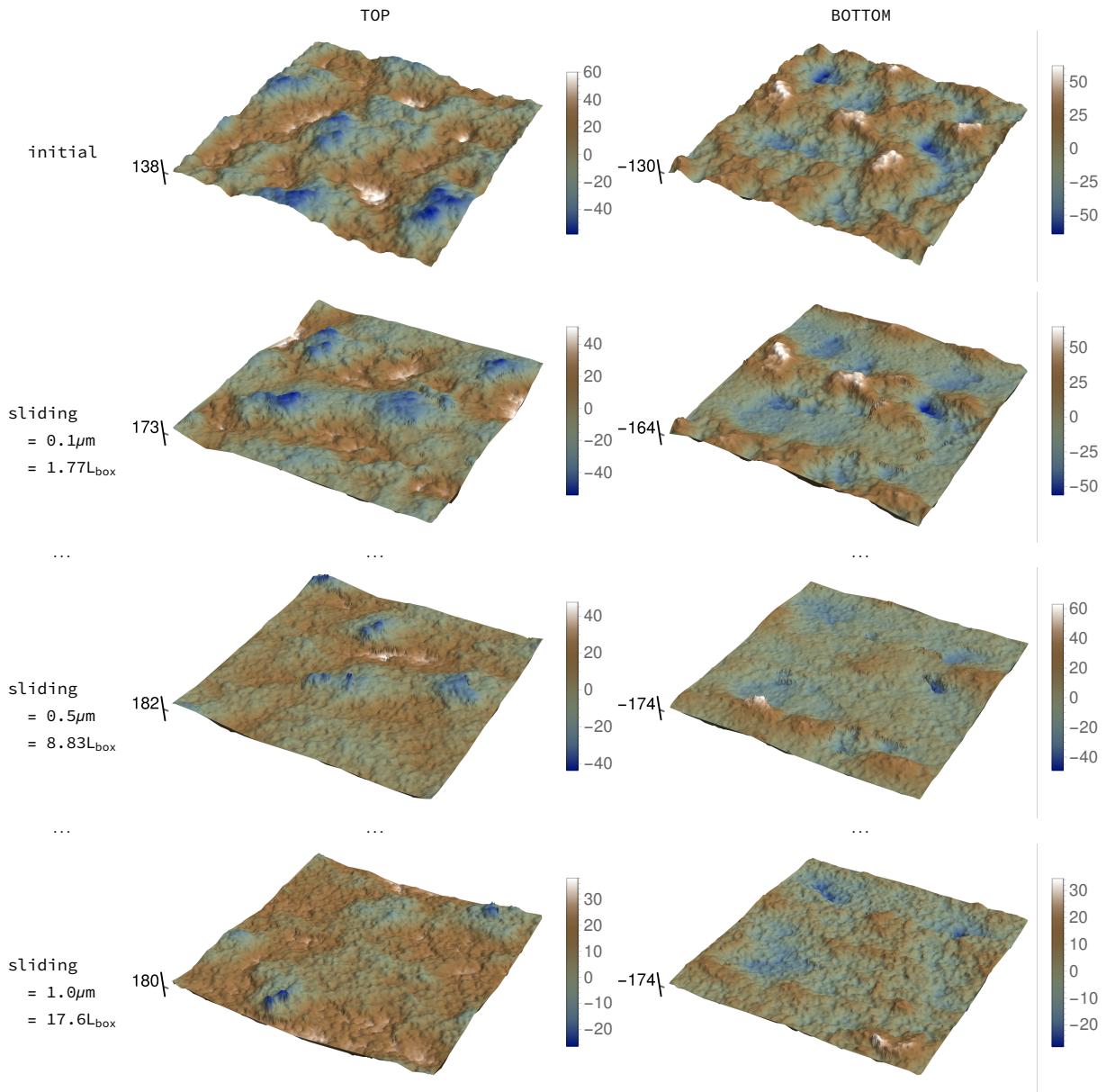


Figure A.1: Snapshots of surface evolution (units in \AA unless otherwise stated): silicon surfaces (top and bottom) initially rough, crystalline bulk. Corresponding Hurst exponent evolution in ???. Note changing scales. Vertical axes mark the (evolving) mean height of each surface. In either surfaces, white means topographical features “bulging out”, while blue means penetrating into the surface bulk.

B 1D line scans: computing final Hurst

B.1 Flat surface with nanocrystalline bulk

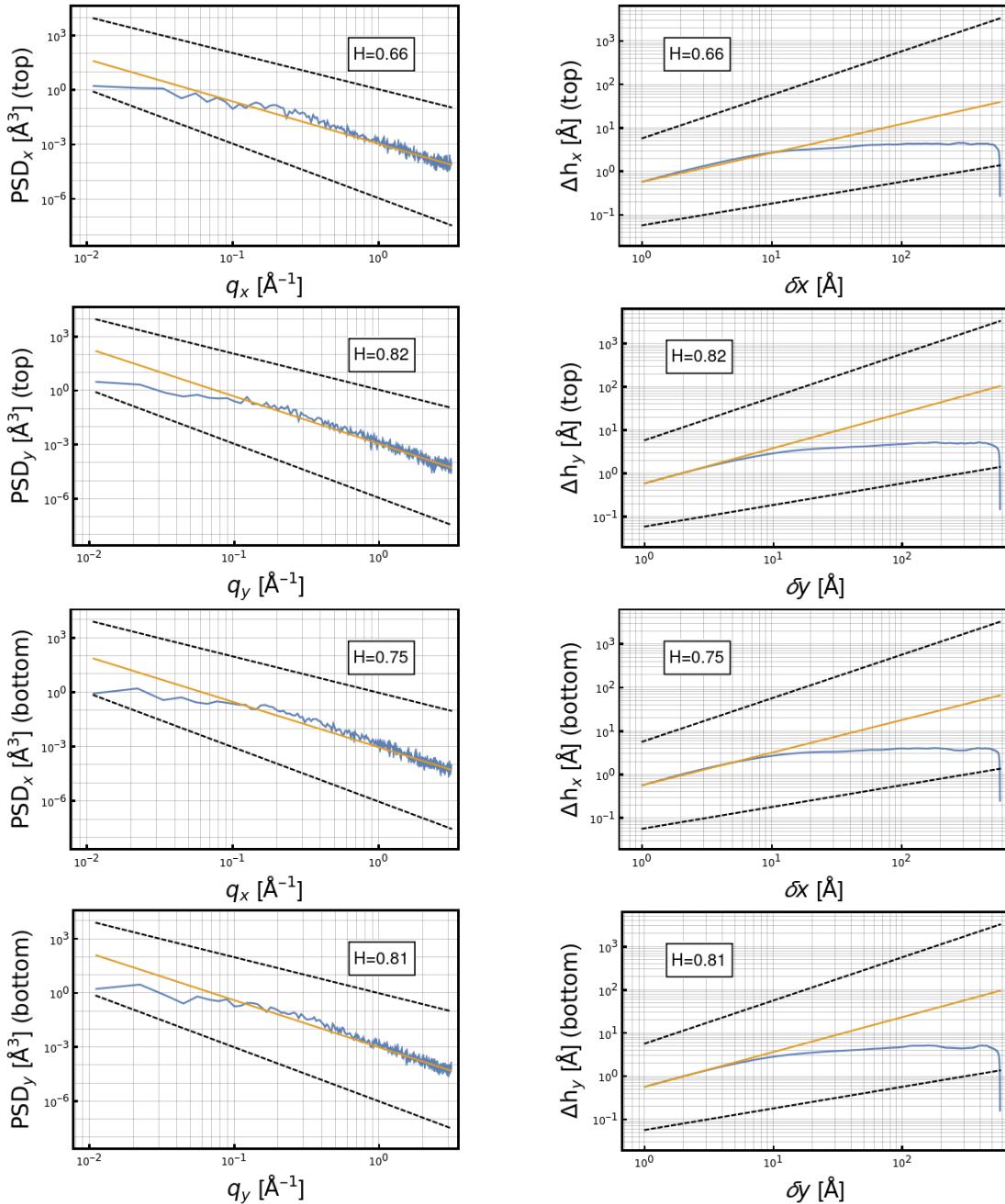


Figure B.1: 1D scans by the end of sliding, flat surface with nanocrystalline bulk.

B.2 Rough surface with nanocrystalline bulk

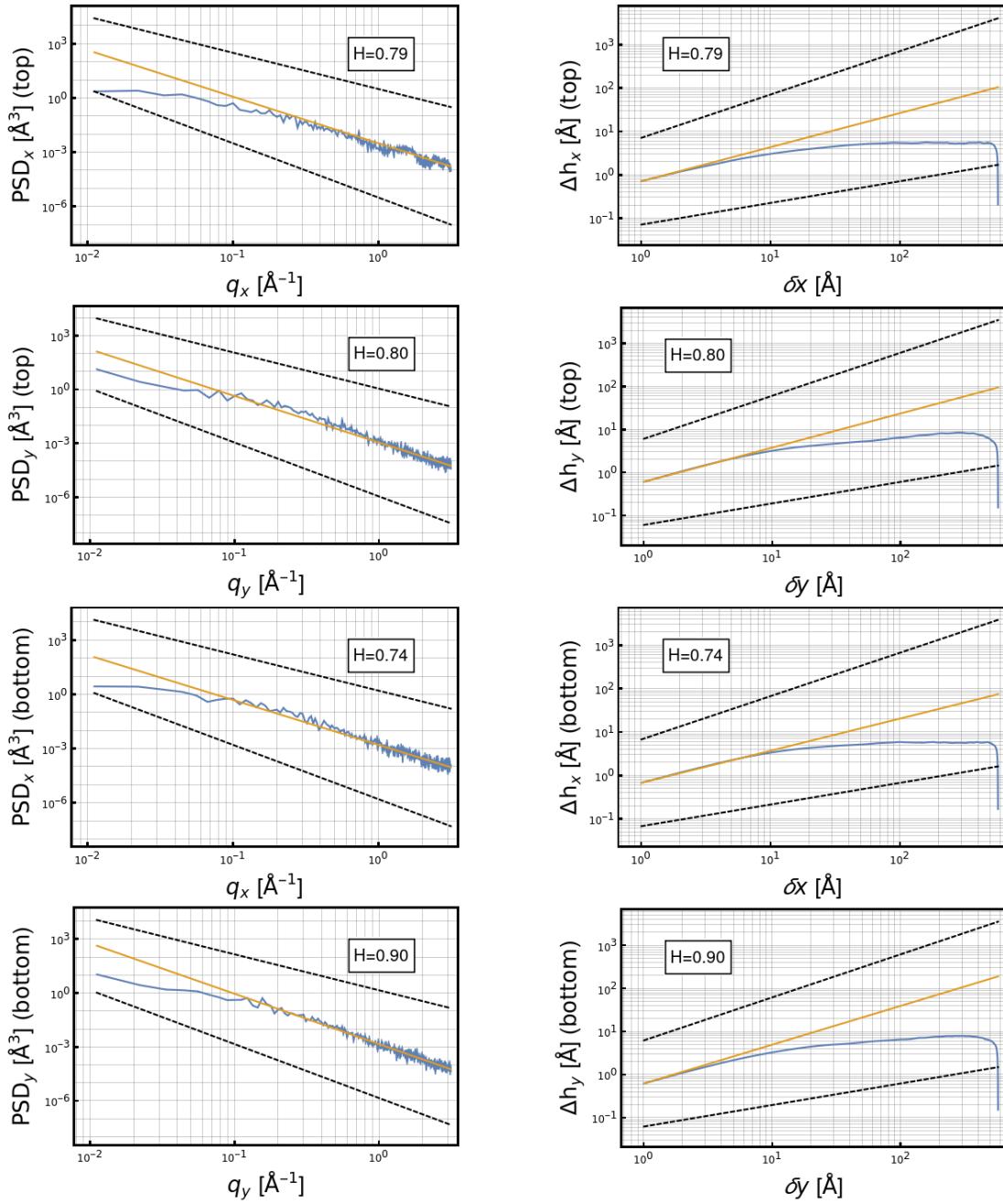


Figure B.2: 1D scans by the end of sliding, flat surface with nanocrystalline bulk.

B.3 Rough surface with crystalline bulk

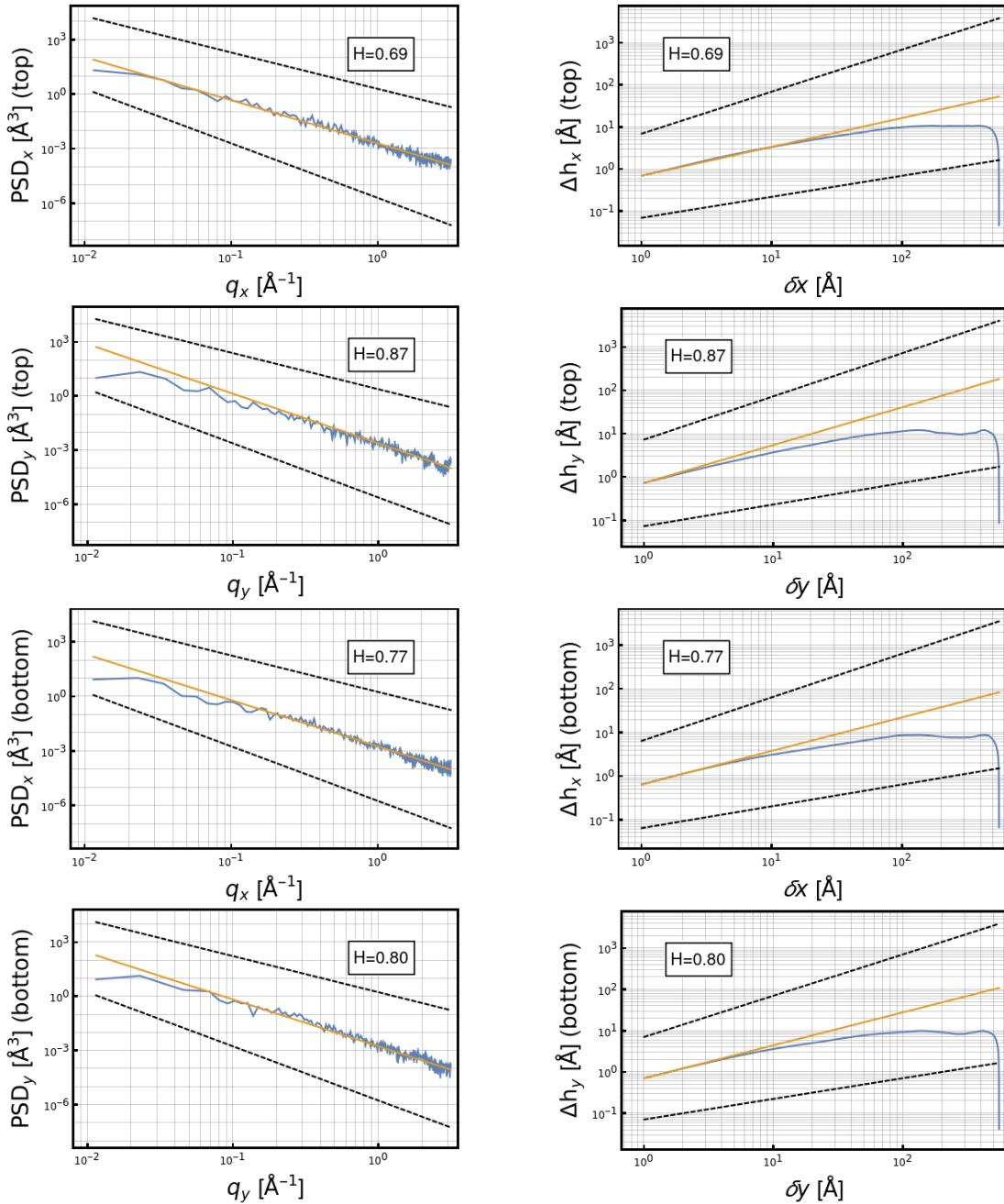


Figure B.3: 1D scans by the end of sliding, flat surface with nanocrystalline bulk.