



Figure S3 Representative AFM images: a) and b) topographic images for the 300 nm S-Mo film. (d), (e) and (g) topographic images with (h) phase image of panel (g) for the 50 nm S-Mo film. In (c) and (f) the height profiles showing the typical thickness of the nanosheets from panel (b) and (e) respectively. The Z- axis scale for panels (a), (b), (d) and, (e) is the same as for (g).