



Figure S2 (a) SEM imaging results for sputter deposited Mo films sulfurized at 850°C for 30 min. In (a) the 300 nm Mo film sulfurized using 150 mg of S powder, and in (b), (c) and (d) the 300, 50 and 10 nm films, respectively, sulfurized using 300 mg of S powder. (High magnification images for samples presented in panel (b) and (c) are provided in Figure 1 which confirm the nanosheet presence.)