

Electronic Supplementary Information

Metal-Insulator Transition in Multilayer MoS₂

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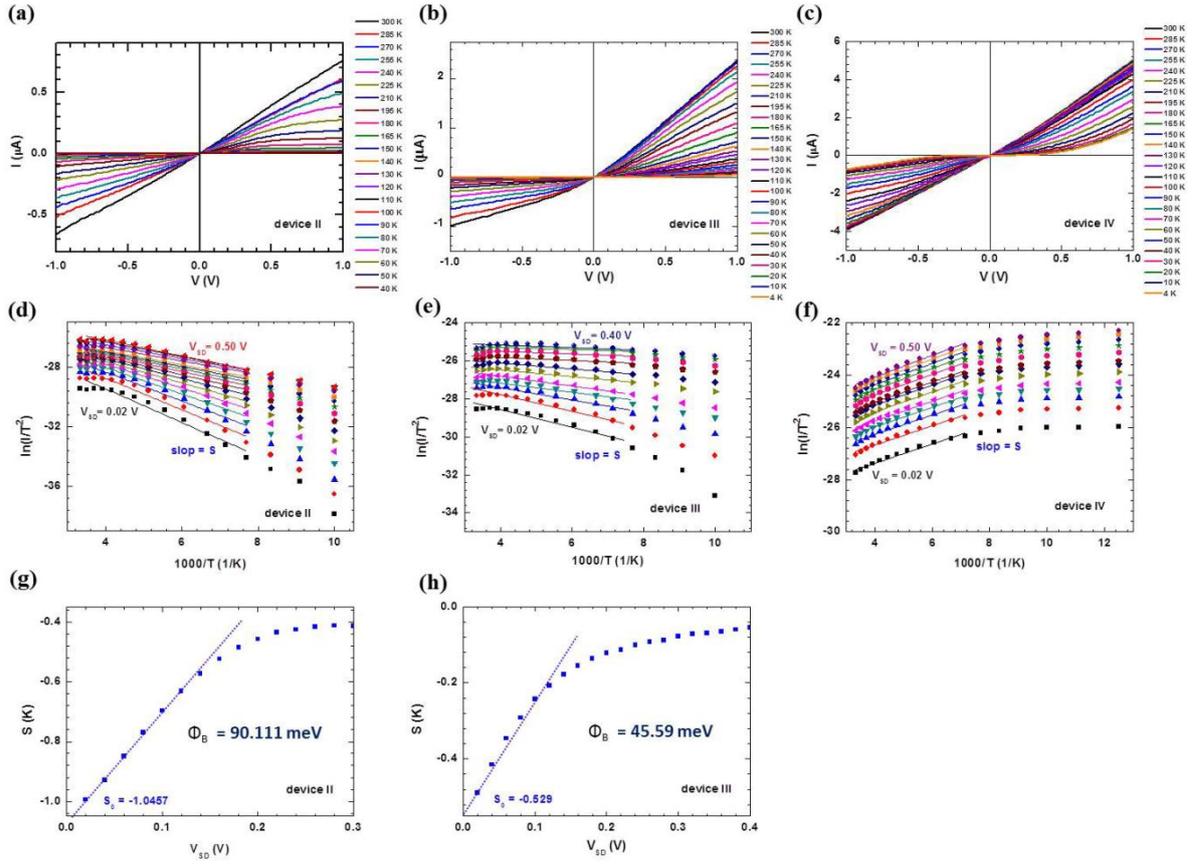


Figure S1 Temperature dependence of I - V curves measured for **(a)** device II, **(b)** device III, and **(c)** device IV. $\ln(I/T^2)$ versus $1000/T$ for **(d)** device II, **(e)** device III, and **(f)** device IV. Slope estimated from the plot of $\ln(I/T^2)$ versus $1000/T$ as a function of V for **(g)** device II and **(h)** device III.

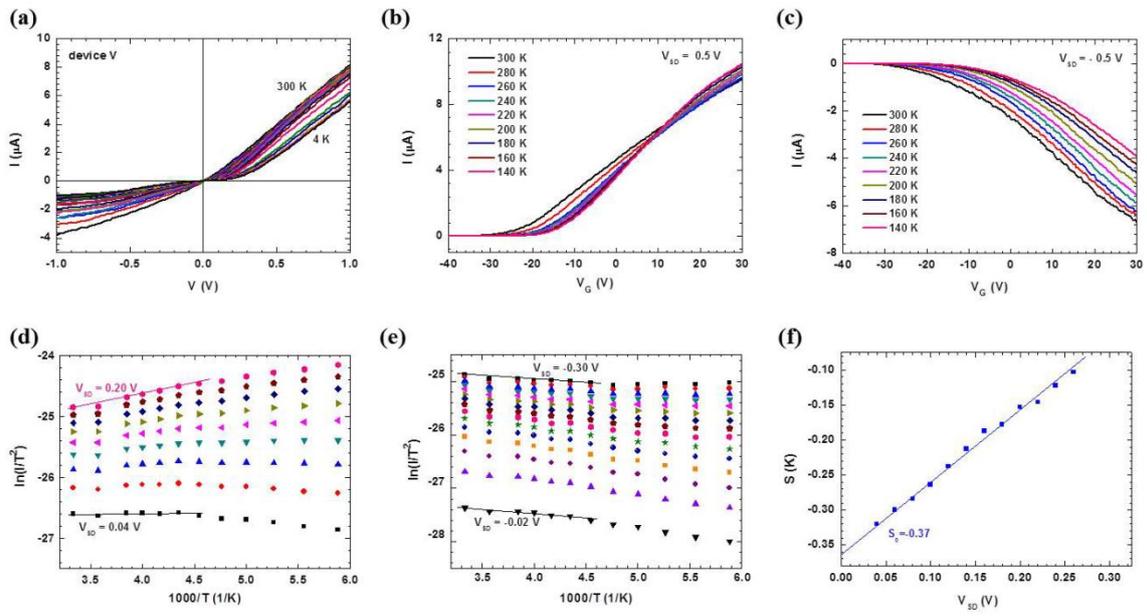


Figure S2 (a) I - V curves measured at different temperatures for device V. (b) I - V_G transfer curves of device V at different temperatures with (b) $V=0.5$ V and (c) $V=-0.5$ V. $\ln(I/T^2)$ vs $1000/T$ for (d) positive and (e) negative voltages. (f) Slope estimated from $\ln(I/T^2)$ versus $1000/T$ as a function of V for negative voltages.

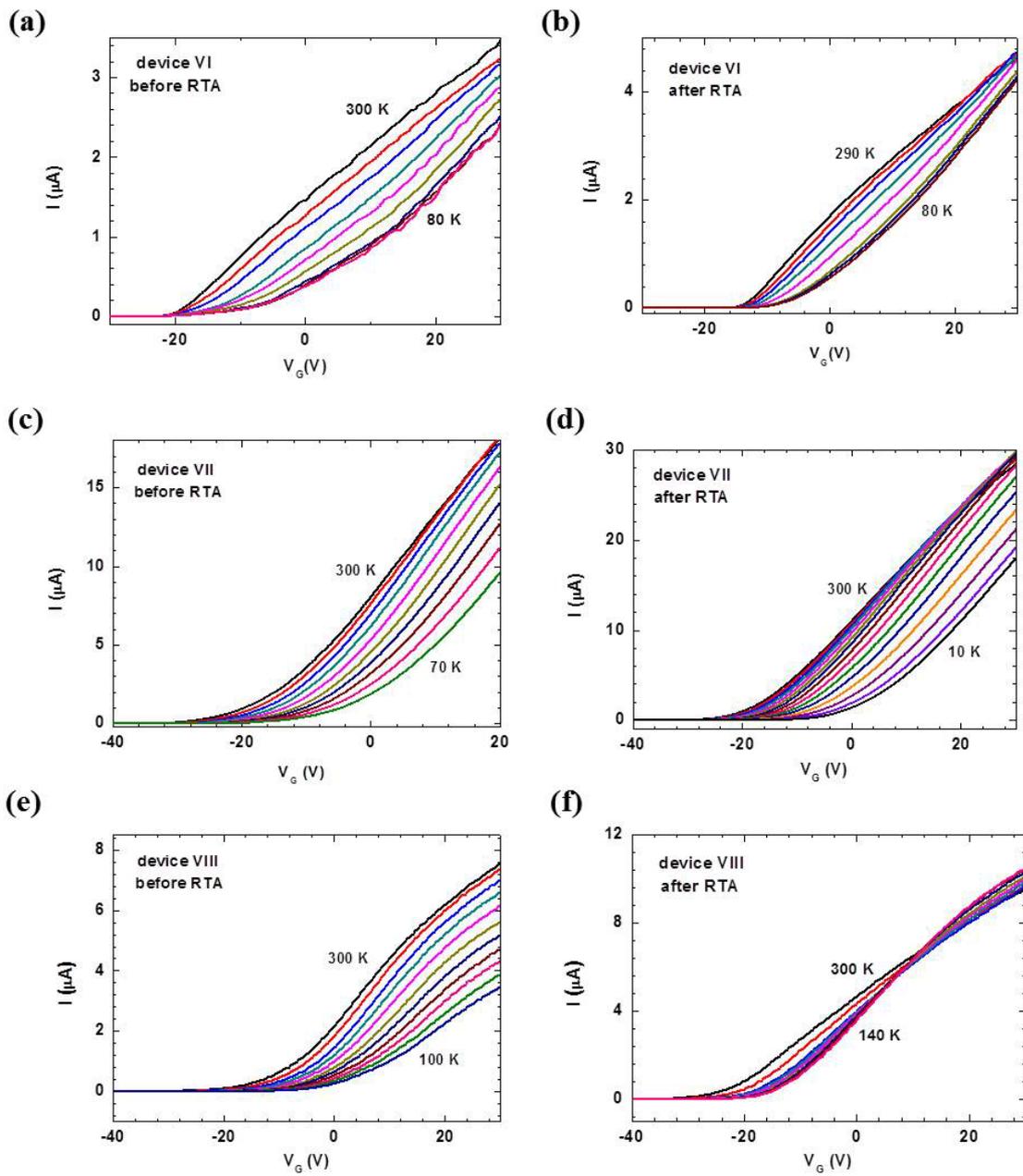


Figure S3. I - V_G transfer curves measured for devices VI (2.3 nm), VII (12 nm), and VIII (16 nm) with different thicknesses before (a, c, e) and after (b, d, f) RTA.