

Fig. S1. AFM result of  $\text{Ta}_4\text{AlC}_3$  nanosheets and the corresponding heights of lines.

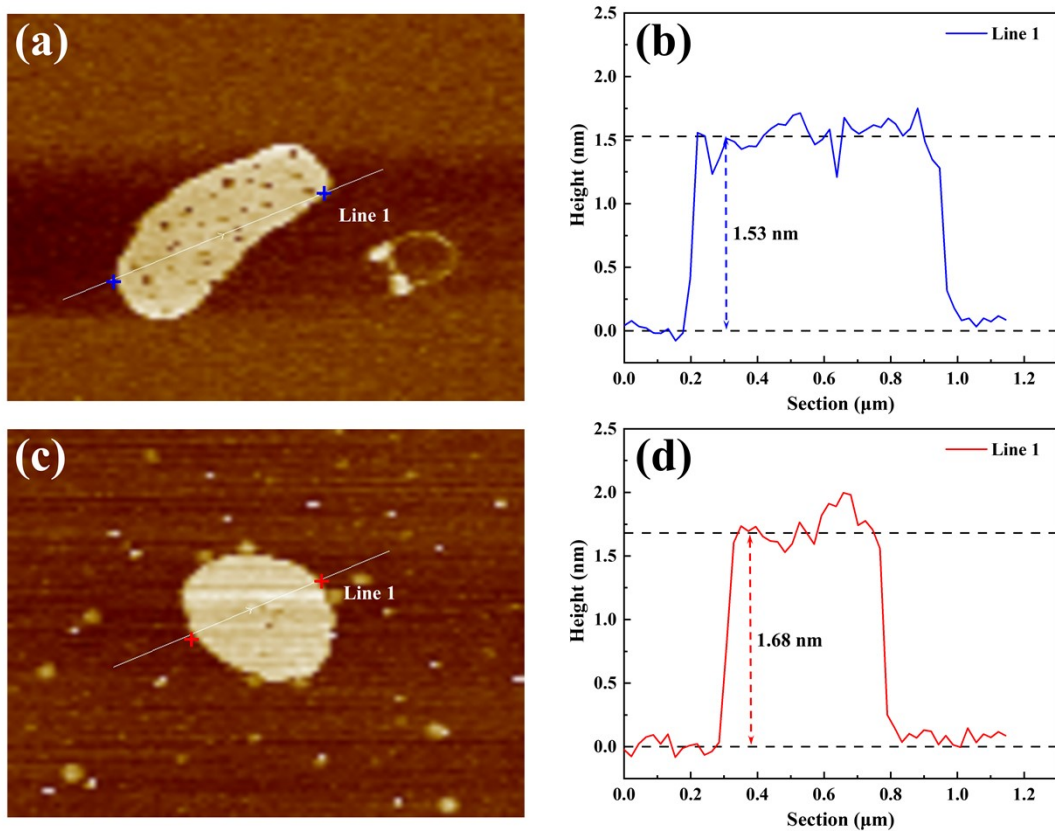


Fig. S2. AFM result of  $\text{Ta}_4\text{C}_3$  nanosheets and the corresponding heights of lines.