

Supplementary figures

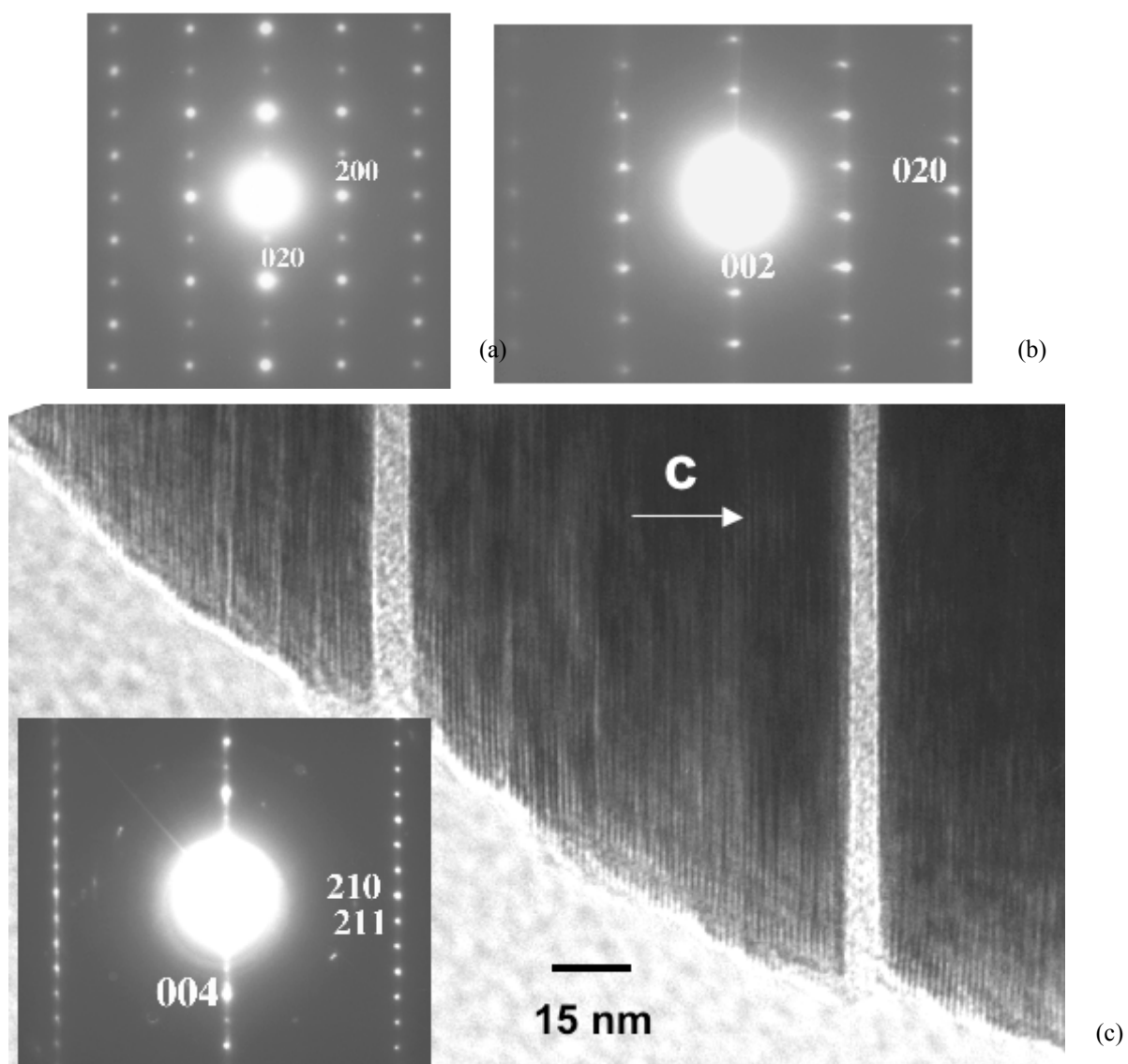


Figure S1: HTiNbO₅ mother structure : (a) [001] and (b) [100] SAED patterns. (c) overall [1 $\bar{2}$ 0] HREM image and ED pattern.

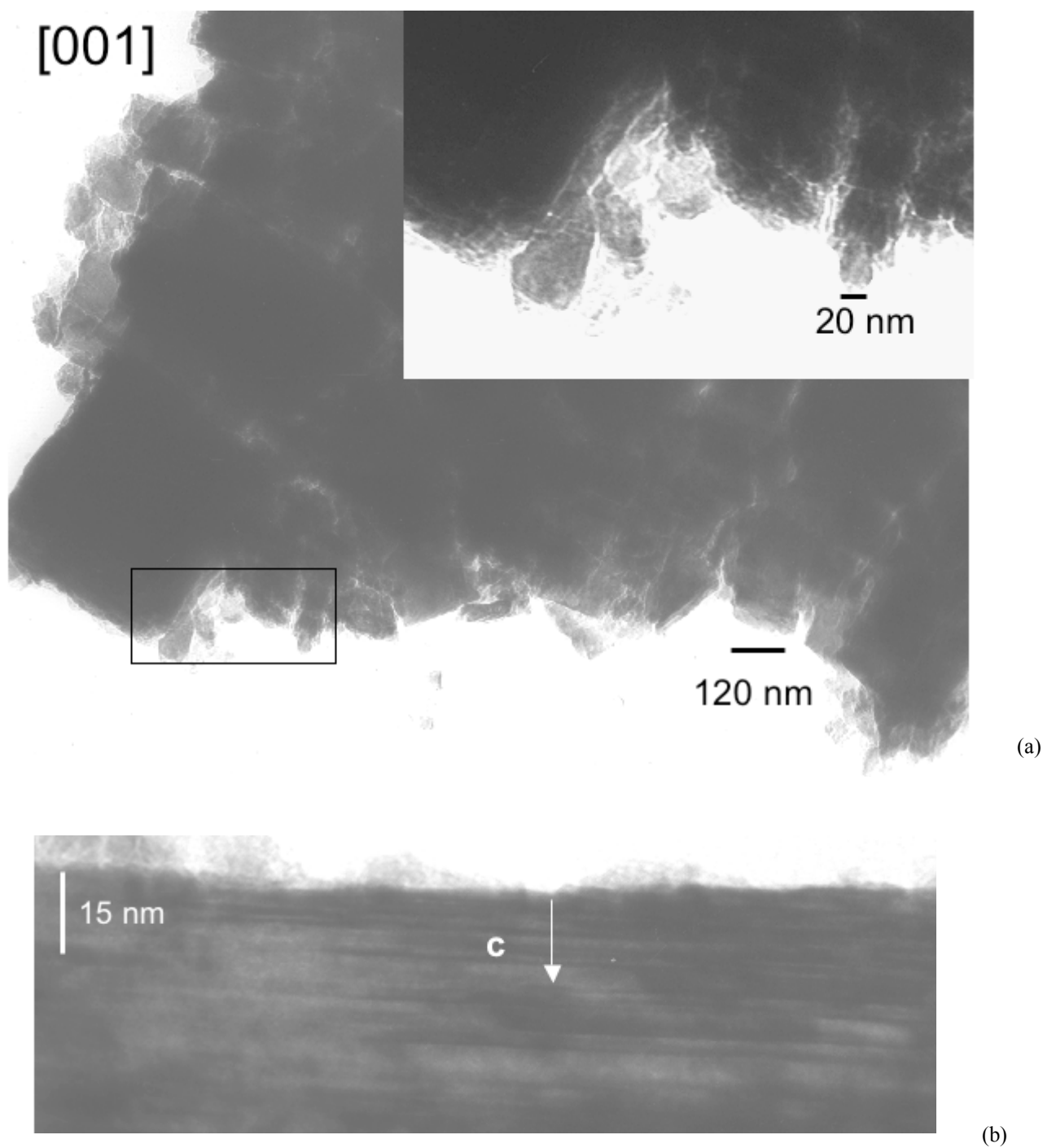


Figure S2: Bright field images of $(\text{Li,H})_3\text{TiNbO}_5$ crystallites. a) viewed along $[010]$ they show that the plate-like crystallites are split in small flakes. b) viewed perpendicularly they show that the structural changes have significantly increased the numbers of cracks.