

Supplementary Materials

Structural evidence for the polymorphic phase boundary in (Na,K)NbO₃ based perovskites close to the rhombohedral-tetragonal phase coexistence zone

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S1 R phase structure characterization.

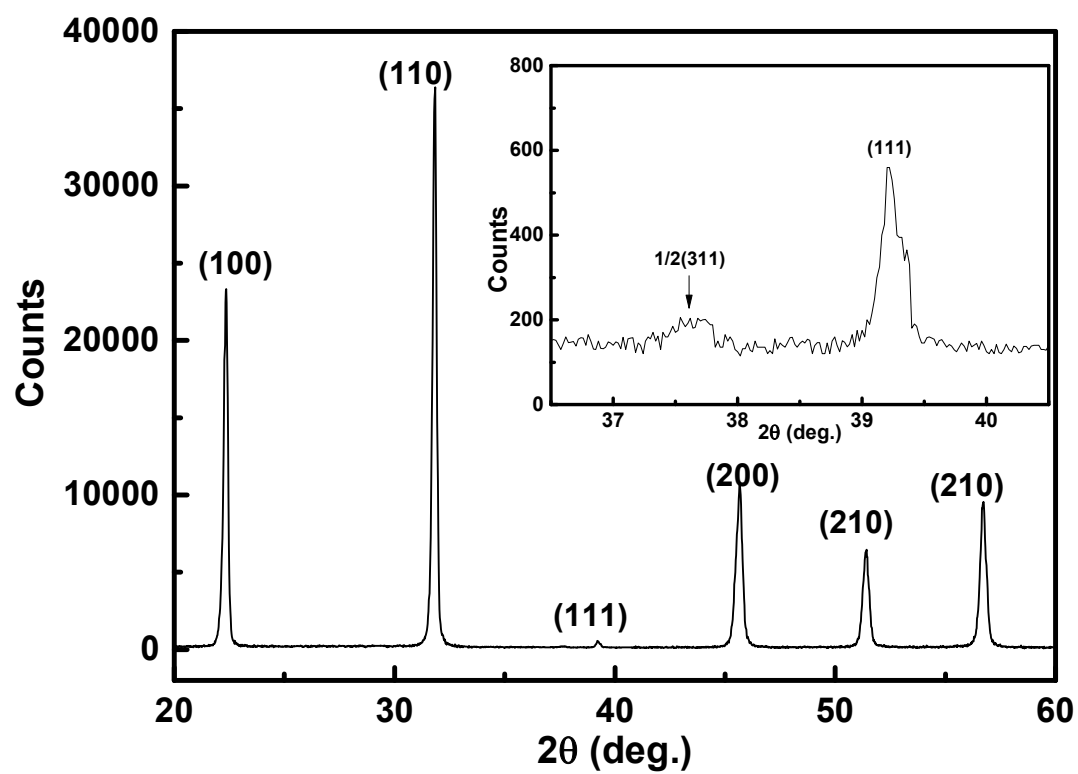


Fig. S1 Room temperature XRD pattern of $(\text{Na}_{0.52}\text{K}_{0.4})(\text{Nb}_{0.84}\text{Sb}_{0.08})\text{O}_3-(0.08-x)\text{LiTaO}_3-x\text{BaZrO}_3$ sample with $x=0.04$.

S2 Comparison of the Rietveld fitted XRD patterns with different structural modes

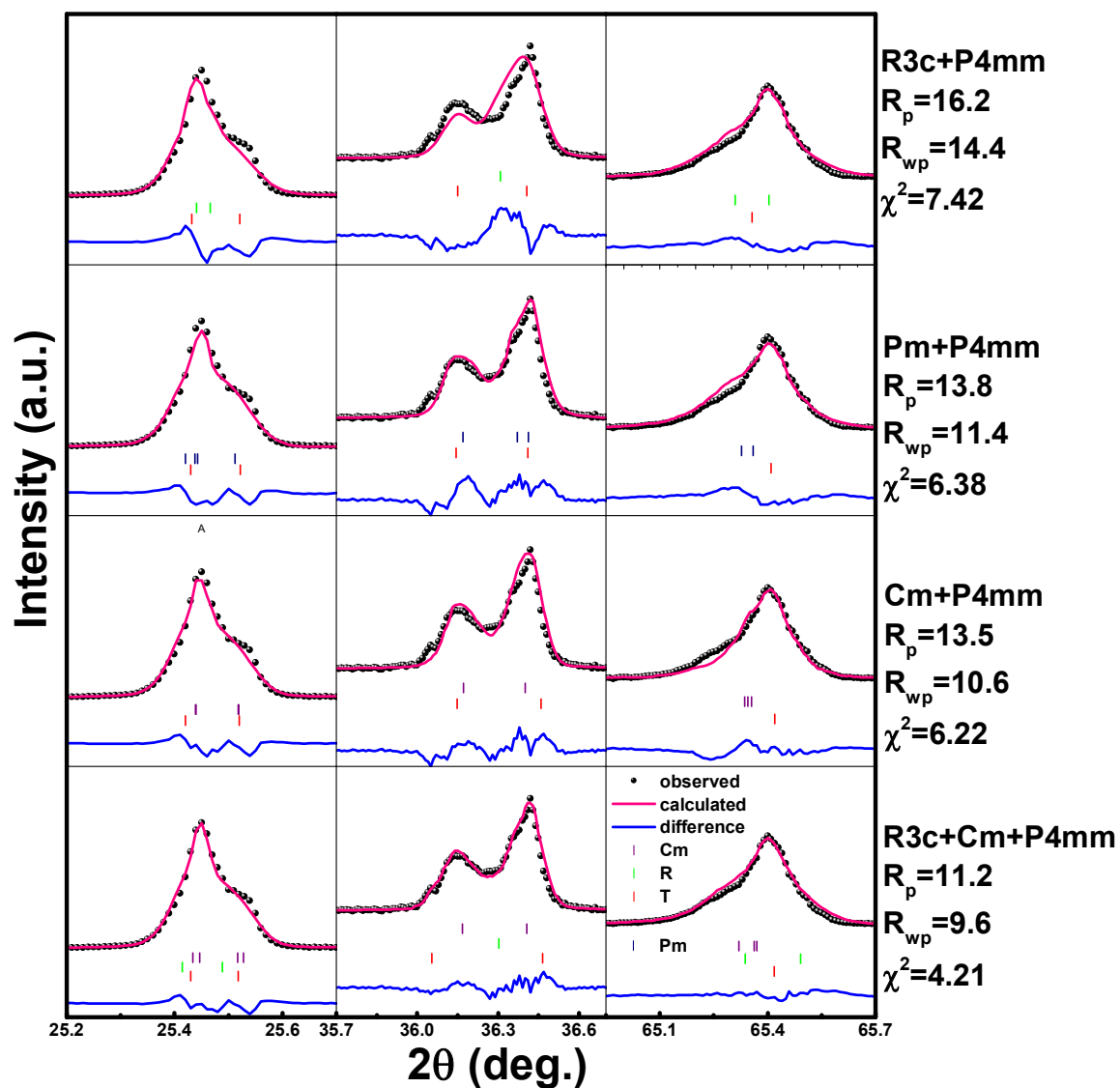


Fig. S2. Rietveld fitted XRD patterns of poled sample with different structural modes.