

**FLUX CRYSTAL GROWTH OF POTASSIUM LANTHANIDE DOUBLE
VANADATES WITH LANTHANIDE-DEPENDENT COORDINATION NUMBER
VARIANCE**

Hunter B. Tisdale,^{†,‡} Hans-Conrad zur Loye^{†,‡,*}

[†]Center for Hierarchical Waste form Materials, Columbia, South Carolina 29208, United States

[‡]Department of Chemistry and Biochemistry, University of South Carolina, Columbia, South Carolina 29208, United States

*Corresponding author email: zurloye@mailbox.sc.edu

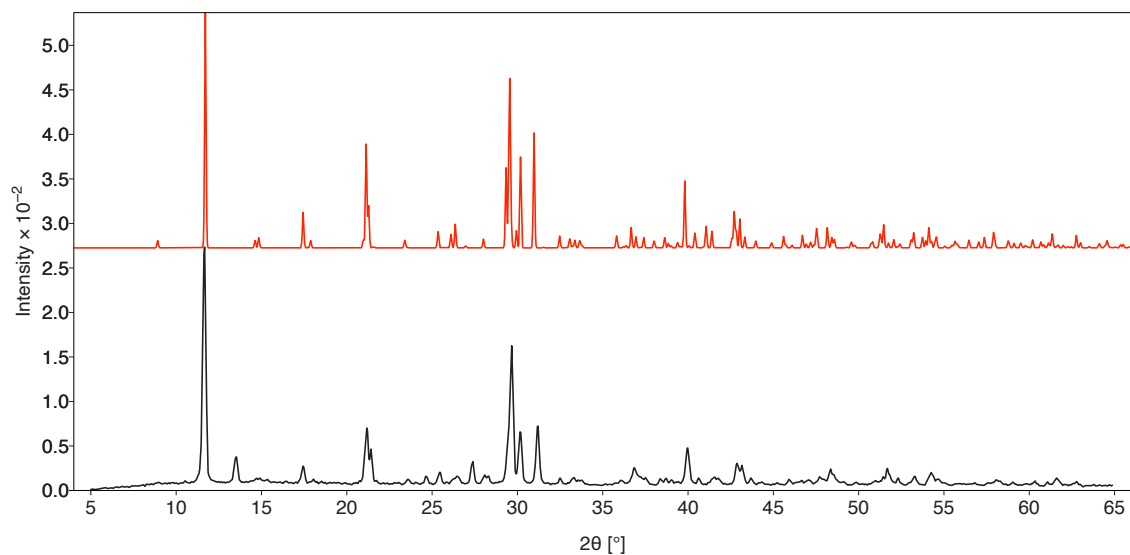


Figure S1. PXRD of $\text{K}_3\text{Pr}(\text{VO}_4)_2$ (black) with simulated PXRD pattern calculated from SXR model of $\text{K}_3\text{Pr}(\text{VO}_4)_2$ (red).

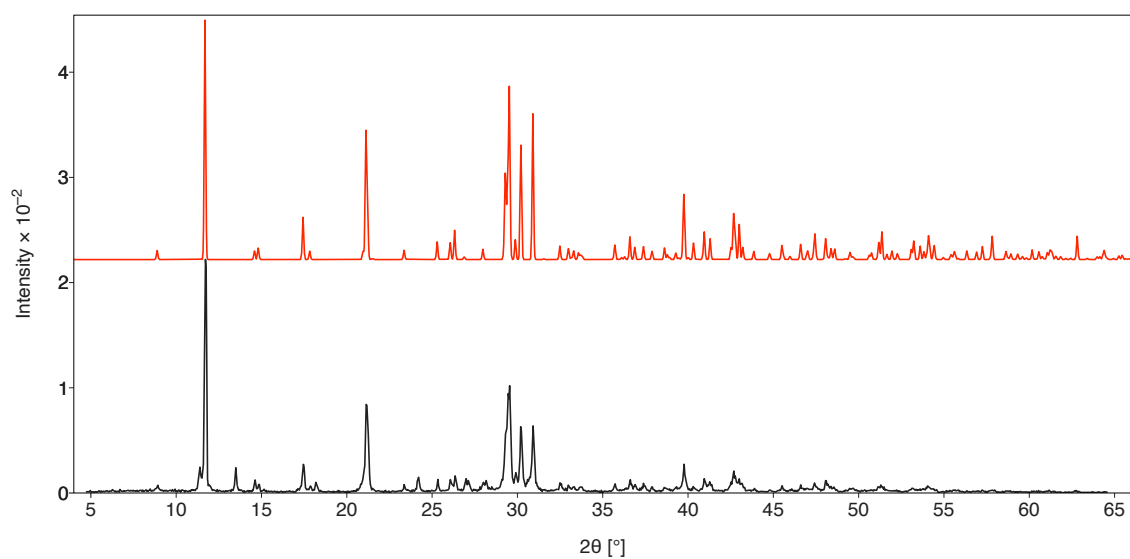


Figure S2. PXRD of $\text{K}_3\text{Nd}(\text{VO}_4)_2$ (black) with simulated PXRD pattern calculated from SXR model of $\text{K}_3\text{Nd}(\text{VO}_4)_2$ (red).