

Supporting Information

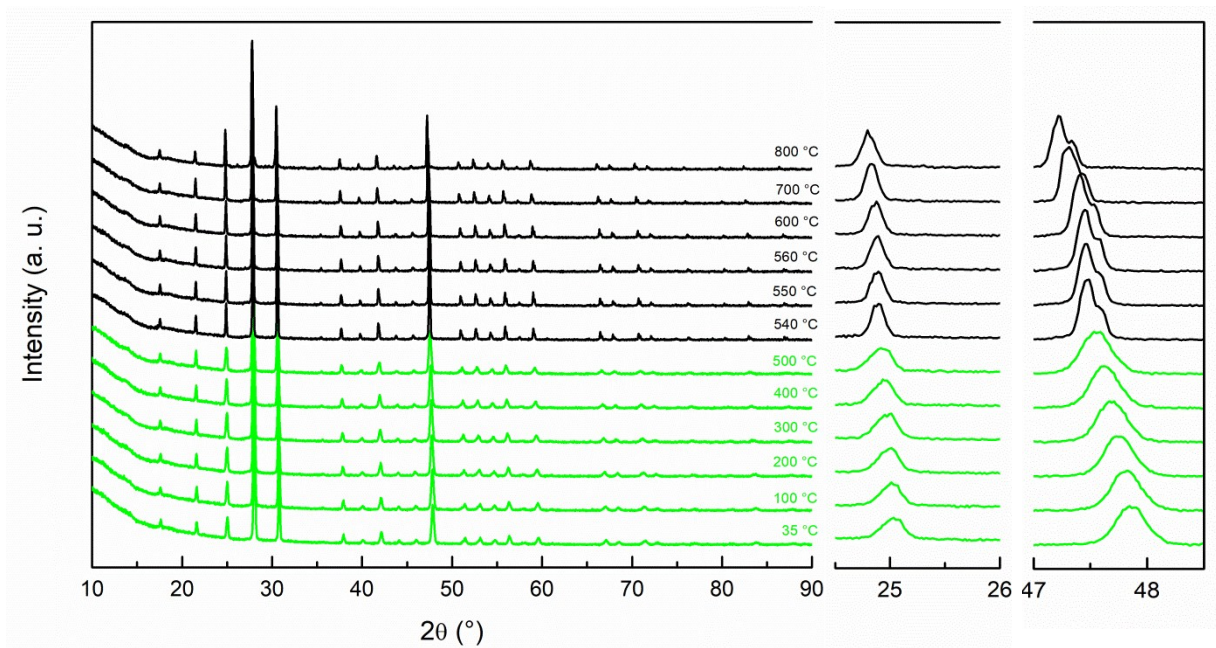


Fig. S1 X-ray thermodiffraction patterns for $(\text{La}_{0.25}\text{Pr}_{0.75})_2\text{Mo}_2\text{O}_9$ (powder sample). Insert: magnifications of the 2θ range 24.5 – 26 and 47 – 48.5 °.

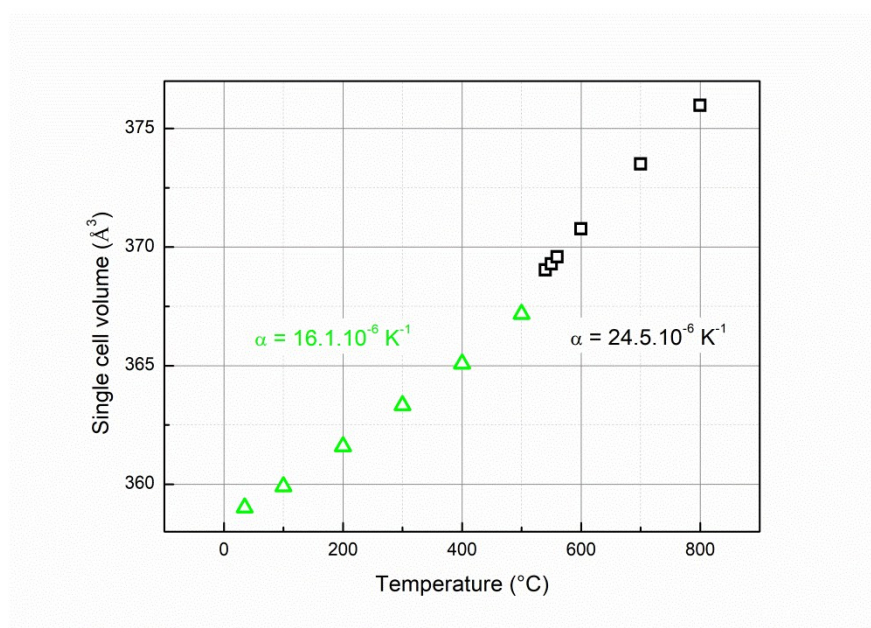


Fig. S2 Cell volume refinements for $(\text{La}_{1-x}\text{Pr}_x)_2\text{Mo}_2\text{O}_9$ with $x = 0.75$ modeled from temperature resolved XRD patterns with a cubic cell (open square) and a triclinic cell (open triangle).