

Supporting Information

Controlled Synthesis and Luminescence Properties of Rhombic $\text{NaLn}(\text{MoO}_4)_2$ Submicrocrystals

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Fig. S1. The structural refinement pattern of $\text{NaY}(\text{MoO}_4)_2$ using XRD datum.

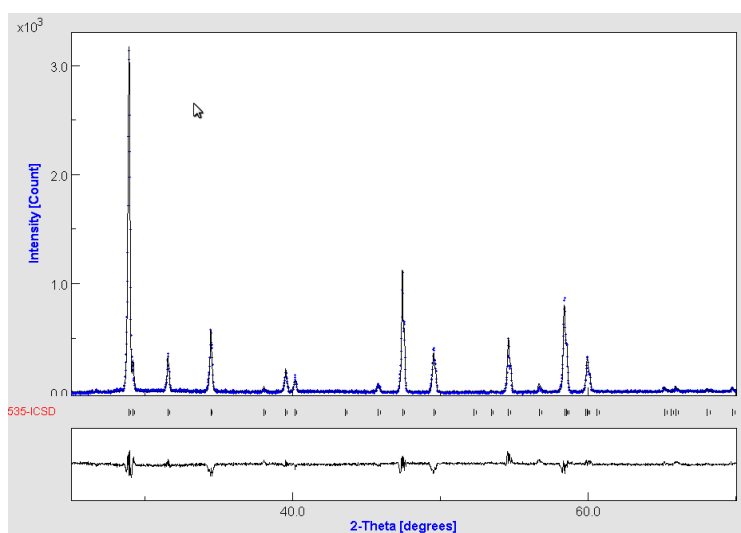


Fig. S2. EDXA patterns of NaY(MoO₄)₂, NaYb(MoO₄)₂, NaEr(MoO₄)₂, and NaTm(MoO₄)₂.

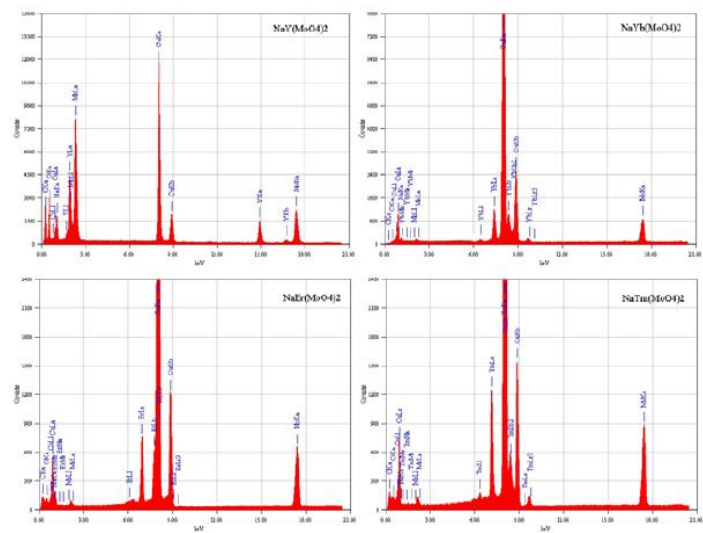


Fig. S3. XRD patterns of $\text{NaLn}(\text{MoO}_4)_2$ prepared at 160 °C for 24 h: (a) Ln = Yb, (b) Ln = Tm, (c) Ln = Er, (d) Ln = Y, (e) Ln = Dy, (f) Ln = Gd, (g) Ln = Eu, (h) Ln = Sm, and (i) Ln = Ce.

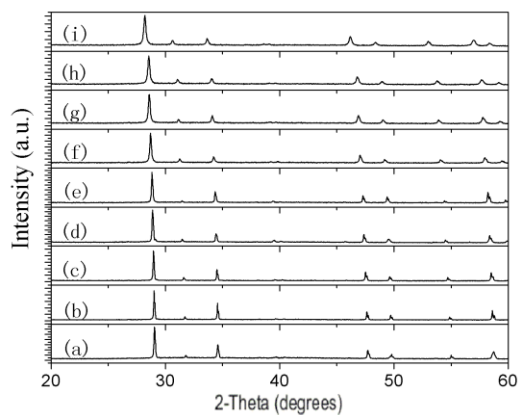


Fig. S4. Decay curve of 530 nm emission of Er^{3+} in $\text{NaY}(\text{MoO}_4)_2:\text{Yb}^{3+}/\text{Er}^{3+}$ under 980 nm excitation.

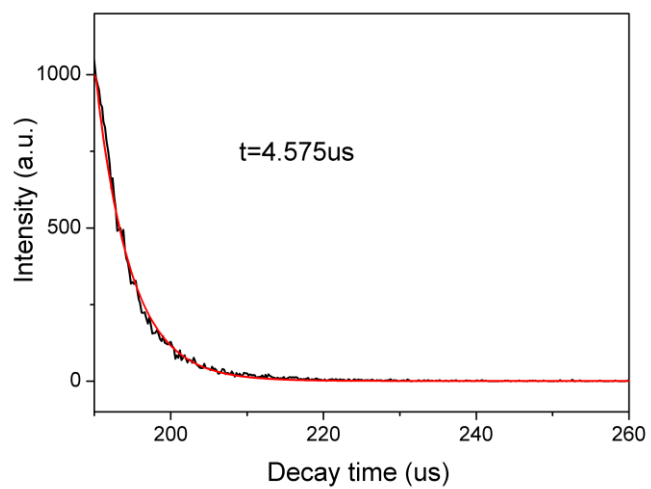


Fig. S5. Decay curve of 476 nm emission of Tm^{3+} in $\text{NaY}(\text{MoO}_4)_2:\text{Yb}^{3+}/\text{Tm}^{3+}$ under 980 nm excitation.

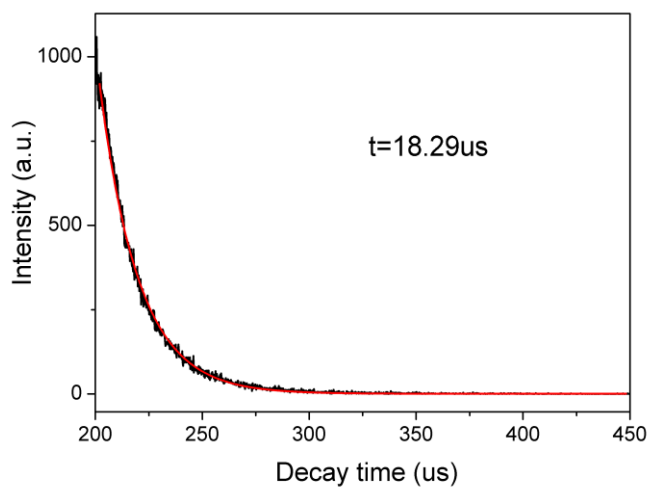


Fig. S6. Decay curve of 612 nm emission of Eu^{3+} in $\text{NaY}(\text{MoO}_4)_2:\text{Eu}^{3+}$ under 455 nm excitation.

