

Supporting information for:

Shape Controllable Synthesis of NdFeO₃ Micro Single Crystals by a Hydrothermal Route

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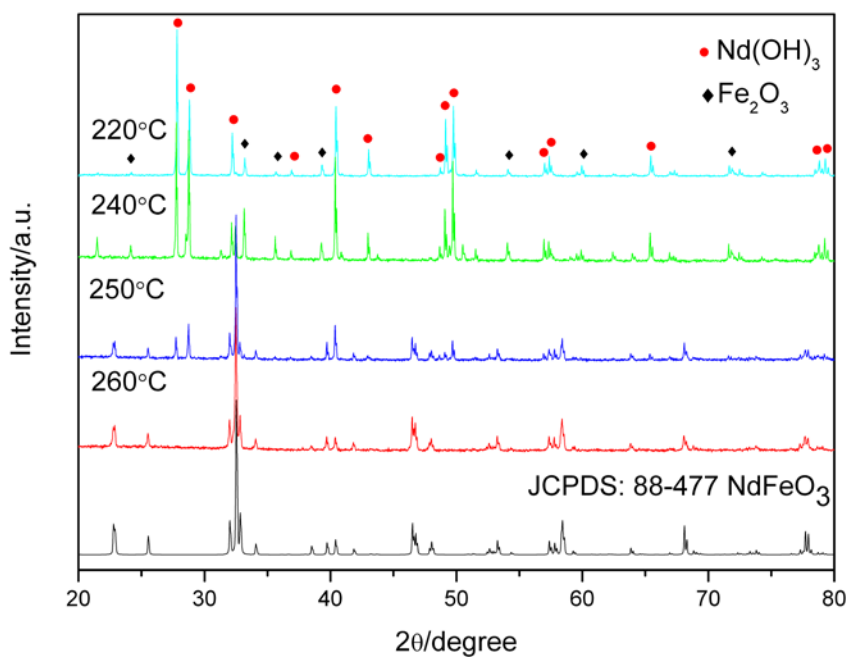


Fig s1. XRD patterns of NdFeO₃ synthesized at the concentration of KOH 17M for 72h under different temperature by route 1.

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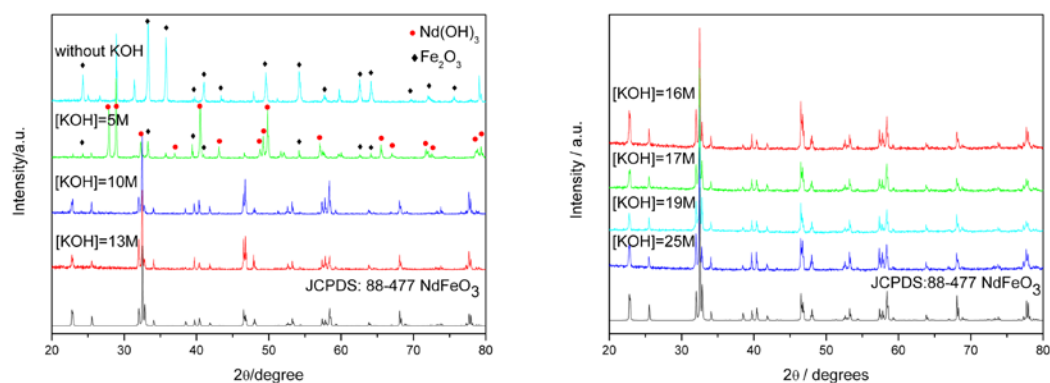


Fig s2. XRD patterns of NdFeO₃ synthesized at 260°C for 72h with different KOH concentration by route 1.

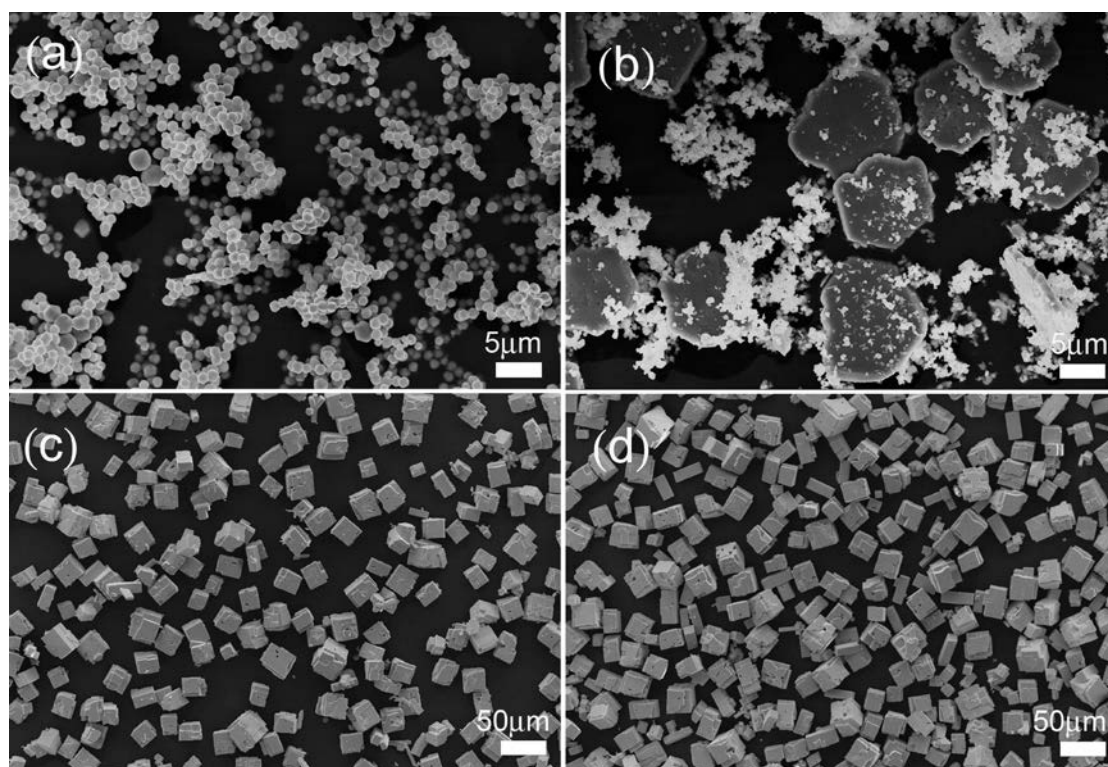


Fig s3. SEM images of NdFeO₃ synthesized at 260°C for 72h with different KOH concentration by route 1. a) without KOH b) [KOH]=5M c) [KOH]=10M d) [KOH]=13M.

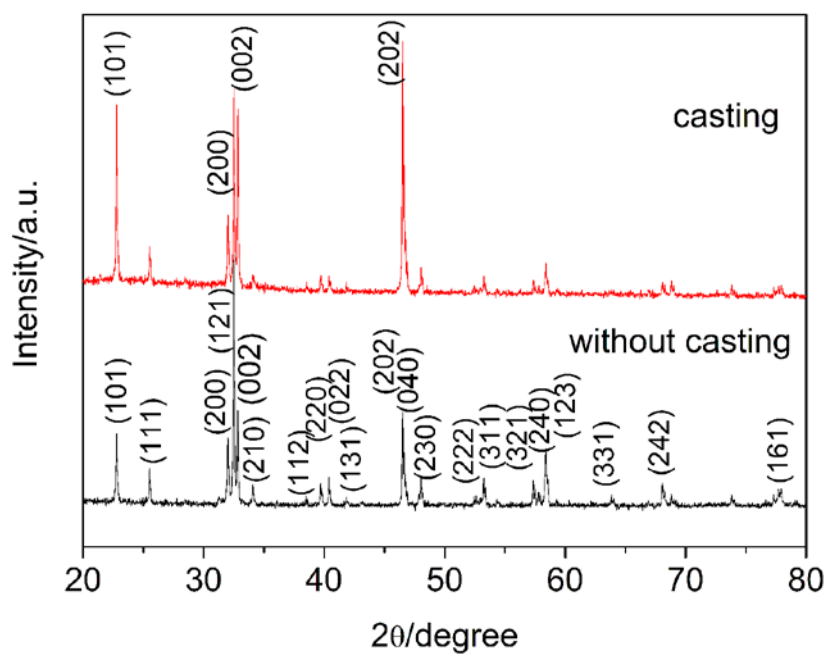


Fig. S4. XRD patterns of cast and noncast NdFeO_3 particles

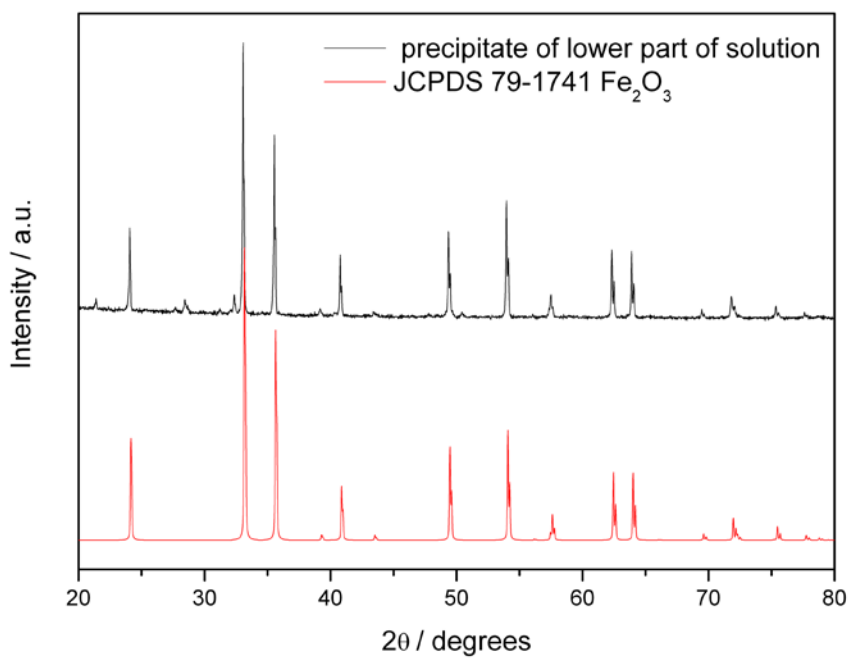


Fig. S5. XRD patterns of precipitate of under solution.

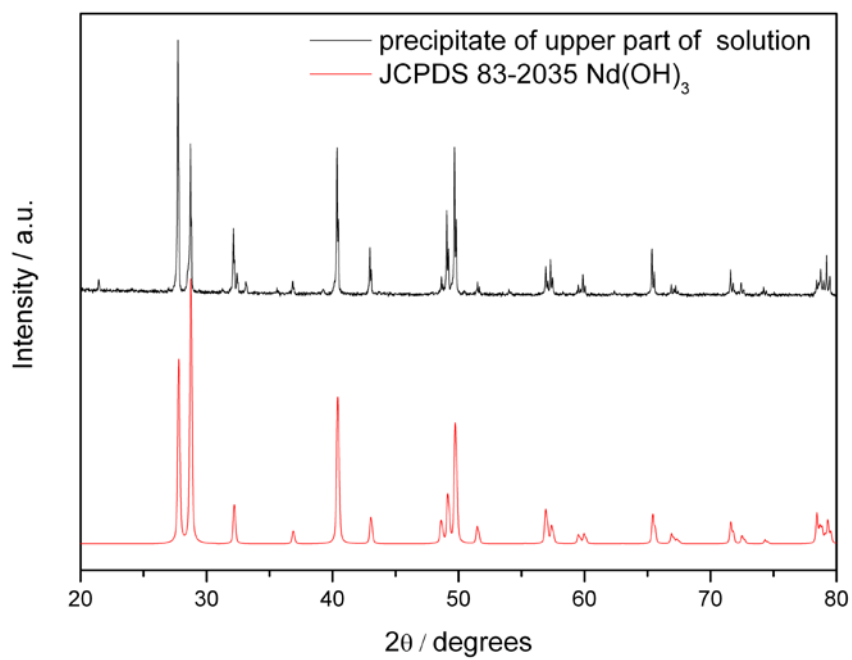


Fig. S6. XRD patterns of precipitate of upper solution.