

Electronic Supplementary Information

Direct decomposition of NO into N₂ and O₂ over copper doped Ba₃Y₄O₉

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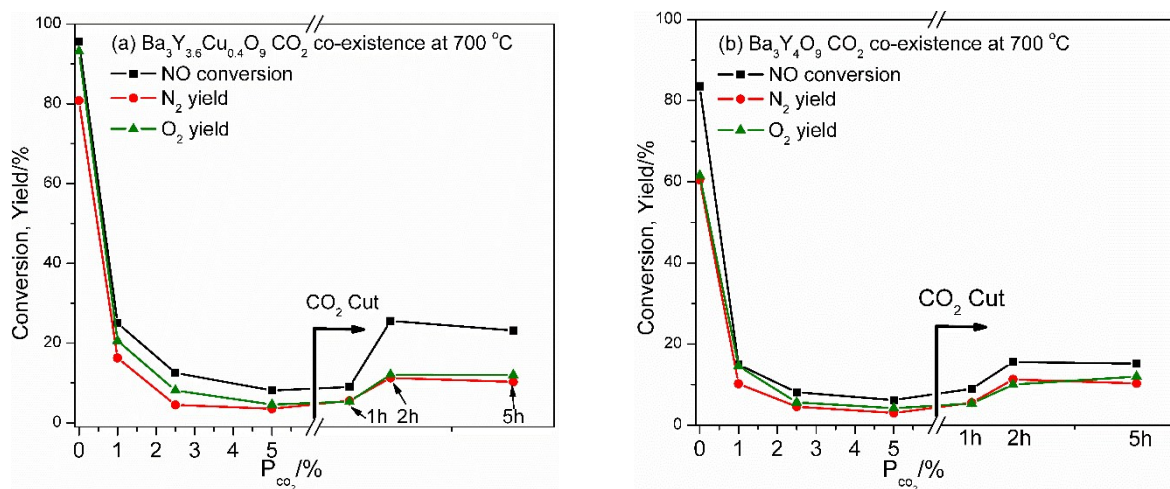


Fig. S1 NO decomposition activities over (a) Ba₃Y_{3.6}Cu_{0.4}O₉ and (b) Ba₃Y₄O₉ with different partial pressure of CO₂ at 700 °C (P_{NO} = 0.5%, W/F = 3.0 g_{cat} s cm⁻³)

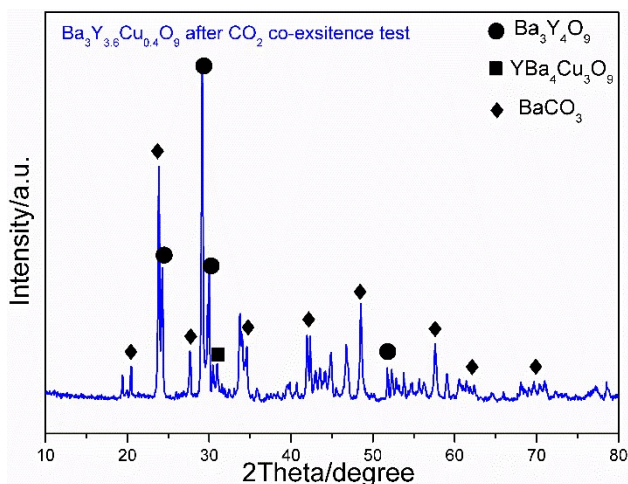


Fig. S2 XRD patterns of Ba₃Y_{3.6}Cu_{0.4}O₉ before and after NO decomposition with CO₂