Three 1D cyanide-bridged M(Ni, Pd, Pt)-Mn(II) coordination polymer: synthesis, crystal structure and magnetic properties

Jingwen Shi,[1] Chongchong Xue,[1] Lingqian Kong[2] and Daopeng Zhang[1,*]

[1] *College of Chemical Engineering, Shandong University of Technology, Zibo 255049, China*

[2] *Dongchang College, Liaocheng University, Liaocheng 252059, P.R. China*

**E-mail:dpzhang73@126.com*

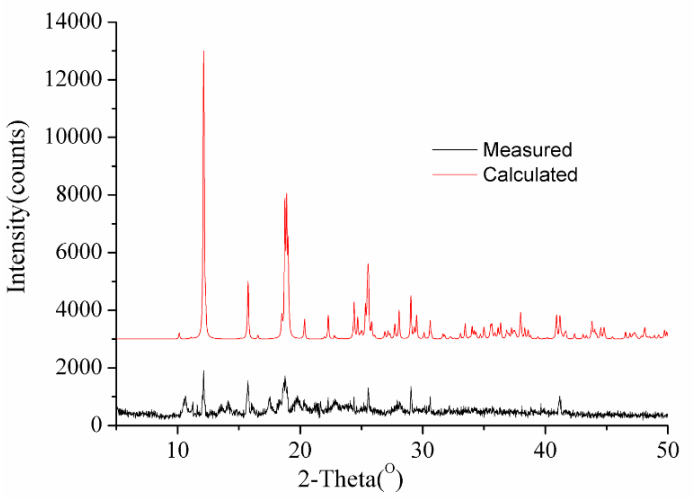

Figure S1. The calculated and measured pattern of PXRD for complex **1**.

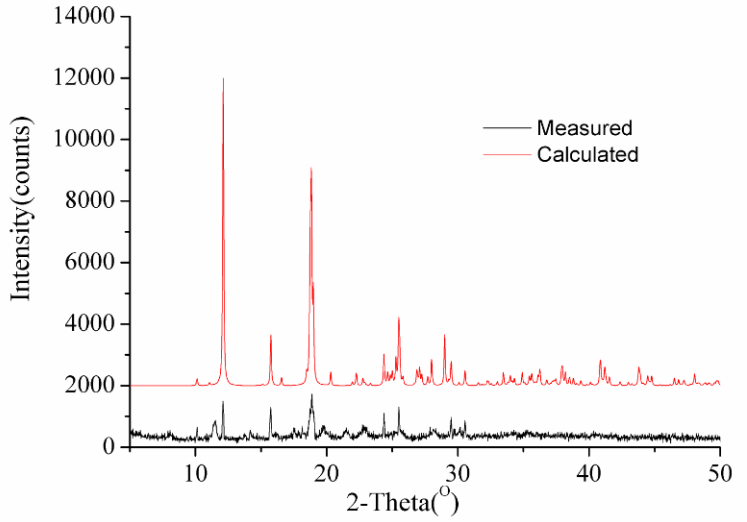

Figure S2. The calculated and measured pattern of PXRD for complex **2.**

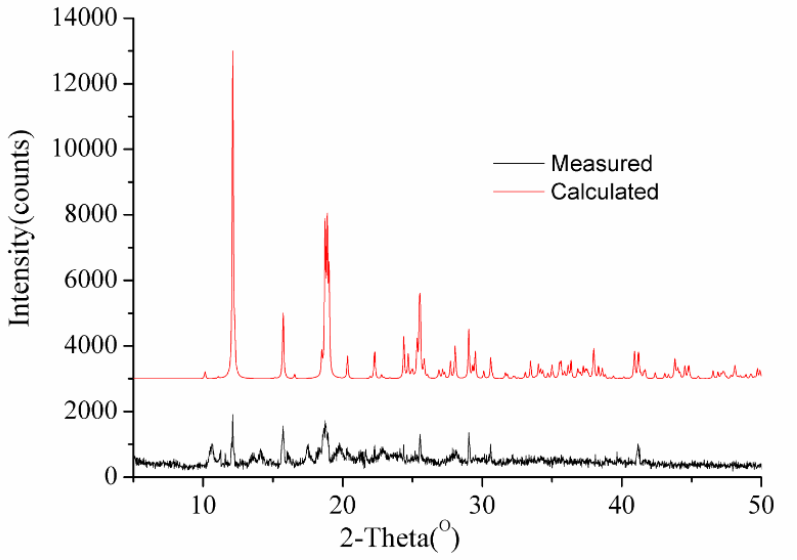

Figure S3. The calculated and measured pattern of PXRD for complex **3**

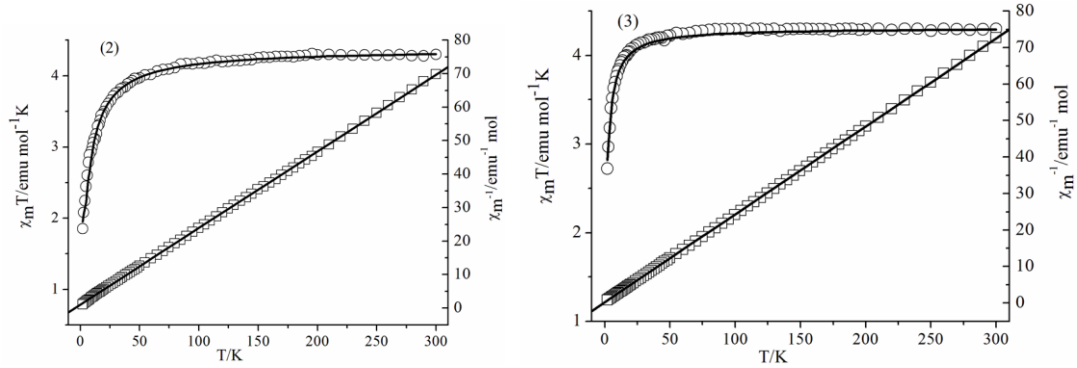

Figure S4. Temperature dependences of $\chi_m T$-T (the solid line represents the best fit based on the parameters discussed in the text) for complexes **2** and **3**. Inset: Temperature dependences χ_m^{-1}-T (the solid line was calculated from the Curie-Weiss law).