Supplementary information – Direct solvothermal synthesis of early transition metal nitrides, Mazumder, Chirico and Hector

**Figure S1** TEM image of NbN produced from NbCl$_5$ and LiNH$_2$ in benzene.

**Figure S2** Refined PXD pattern of ZrN produced from Zr(NEtMe)$_4$ and LiNH$_2$. Crosses mark the data points, the upper continuous line the calculated profile and the lower continuous line the difference. Tick marks are the positions of allowed reflections in the ZrN structure. The sharp peak at 26° is from the carbon impurity.