

Fig.1 the cross-section SEM images of PC-II photonic crystal with various thicknesses

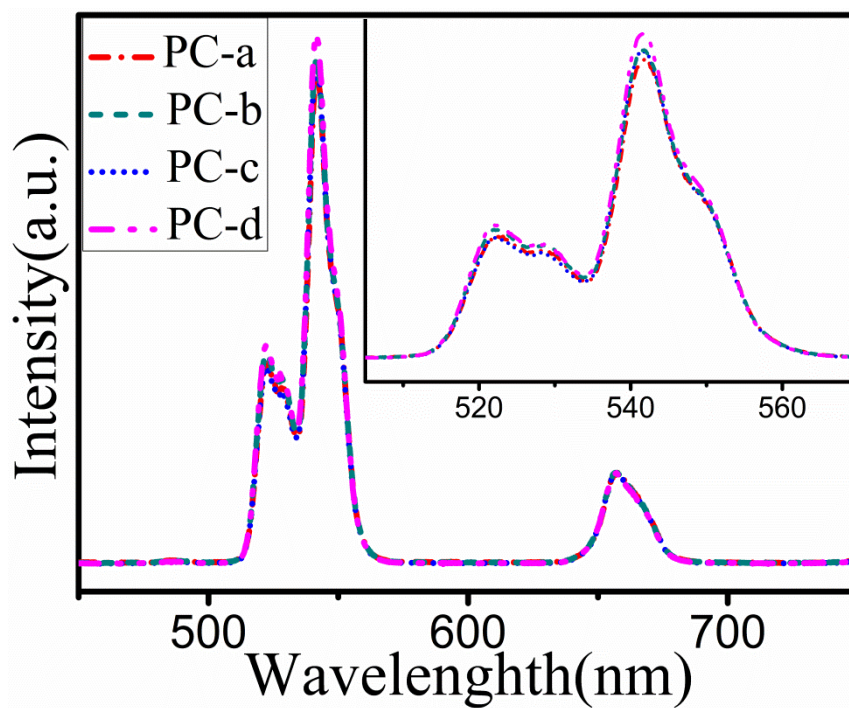


Fig.2 the UC emission spectra of  $\text{NaYF}_4:\text{Yb}^{3+}, \text{Er}^{3+}$  on the surface of PC-II with the various thicknesses