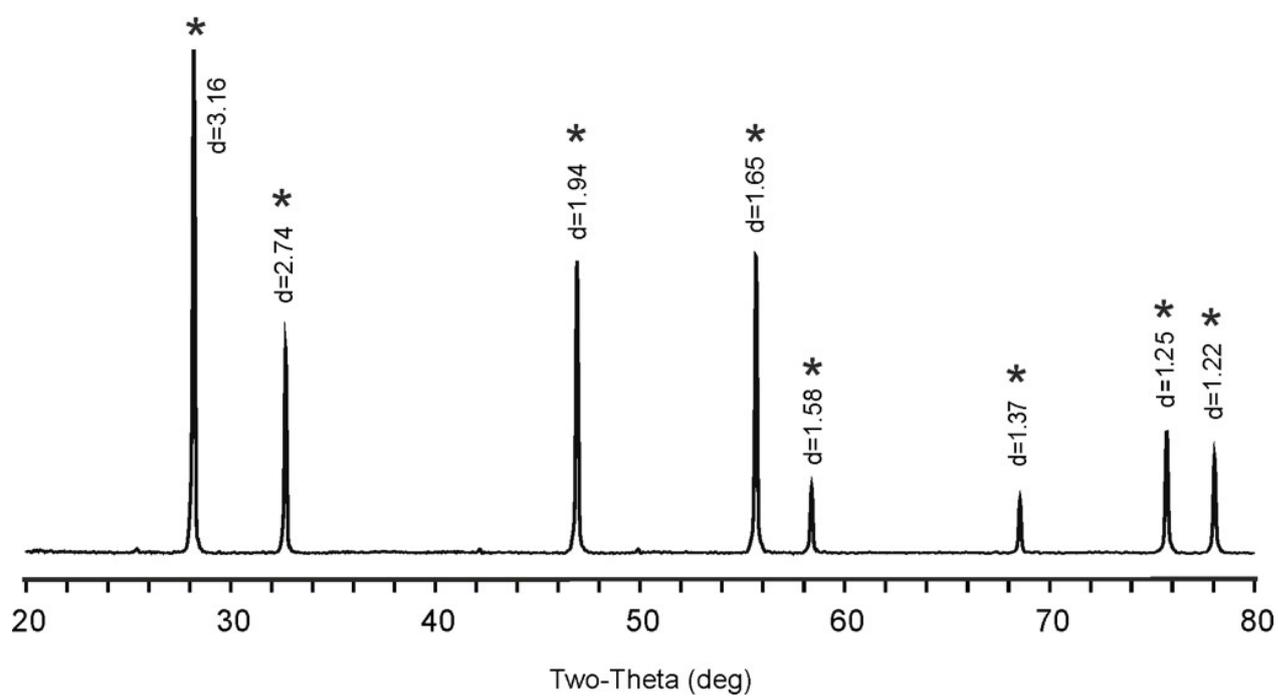
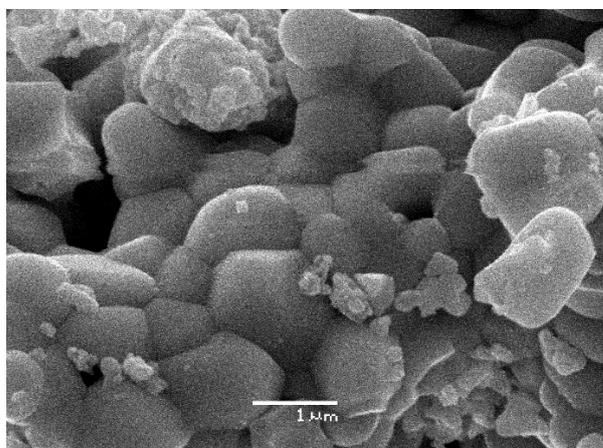


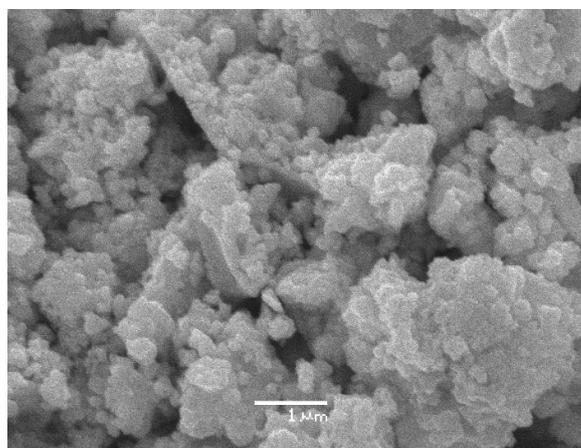
## Supplementary Materials



**Figure S1.** Diffractogram of (U,Ce)O<sub>2</sub> powder obtained by microwave denitration of 10% wt. Ce solution (\* - Uraninite, UO<sub>2</sub>, #65-0285 in PDF-2)



(a)



(b)

**Figure S2.** SEM images of the (U,Ce)O<sub>2</sub> powders obtained by microwave radiation with power of 800 W (a) and 180 W (b).