

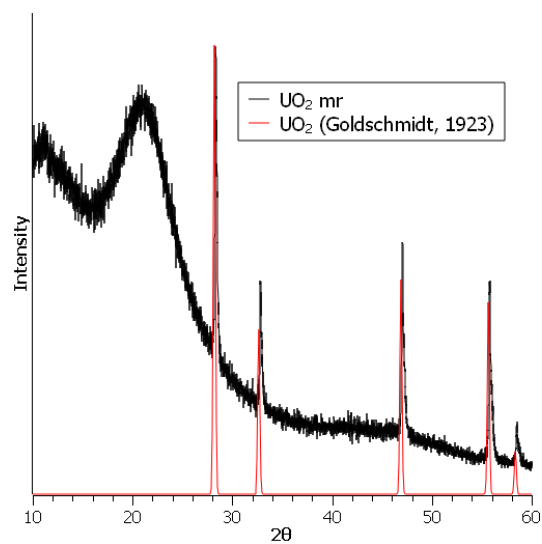
## Electronic Supplementary Information

### Revealing Uranium Tetrafluoride Microrods

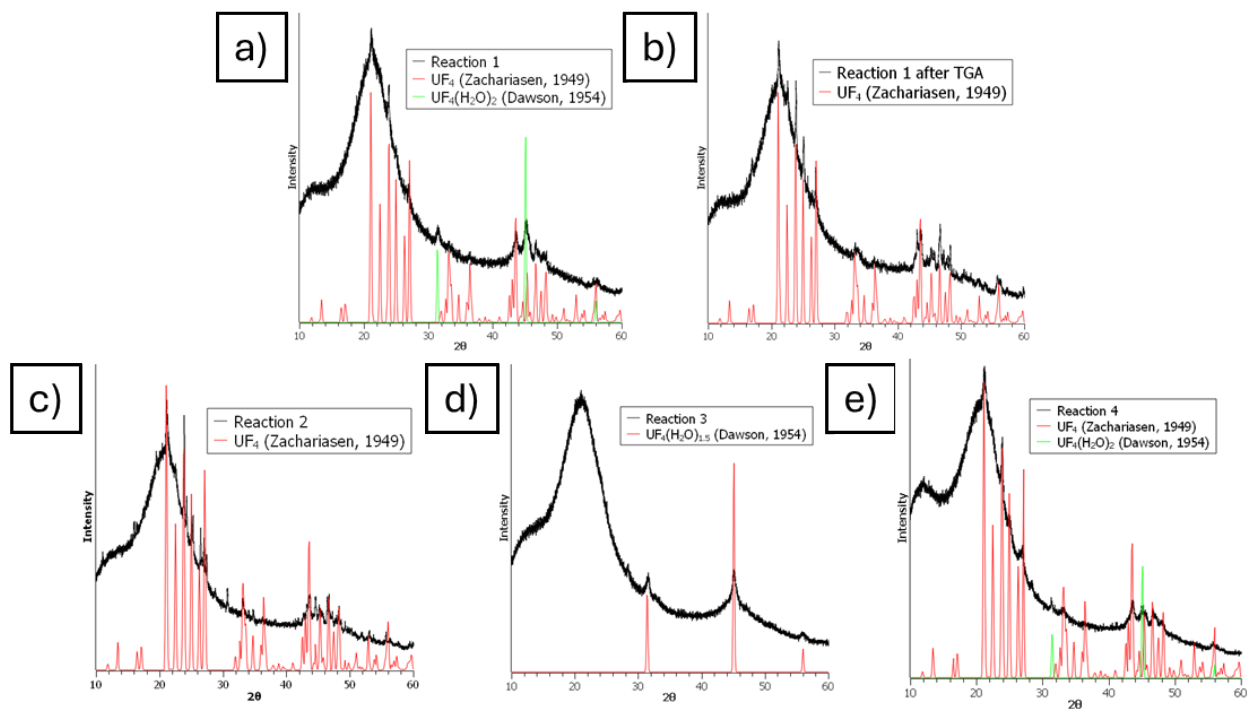
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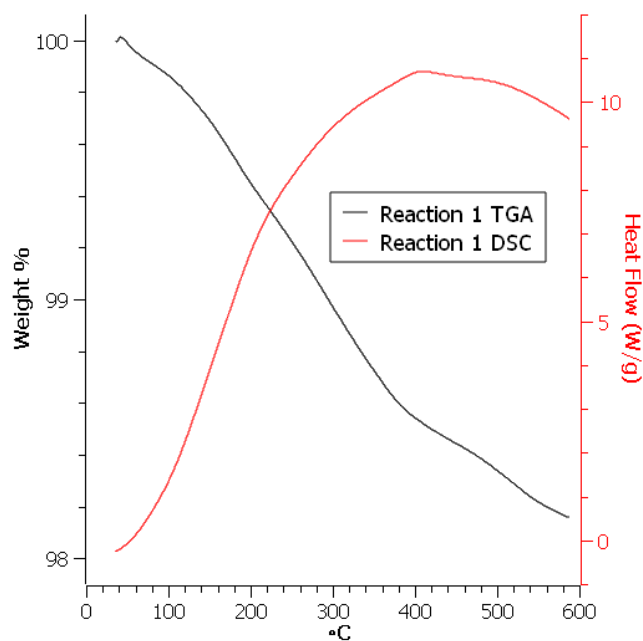
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**Fig. S1** PXRD of the UO<sub>2</sub> mr starting material.



**Fig. S2** XRD patterns resulting from a) reaction 1, b) reaction 1 after TGA-DSC, c) reaction 2, d) reaction 3, and e) reaction 4.



**Fig. S3** TGA-DSC of the results of reaction 1.