

# Supporting Information

## Calorimetric determination of the formation enthalpies of Cs polymolybdates at 298.15 K and 0.1 MPa

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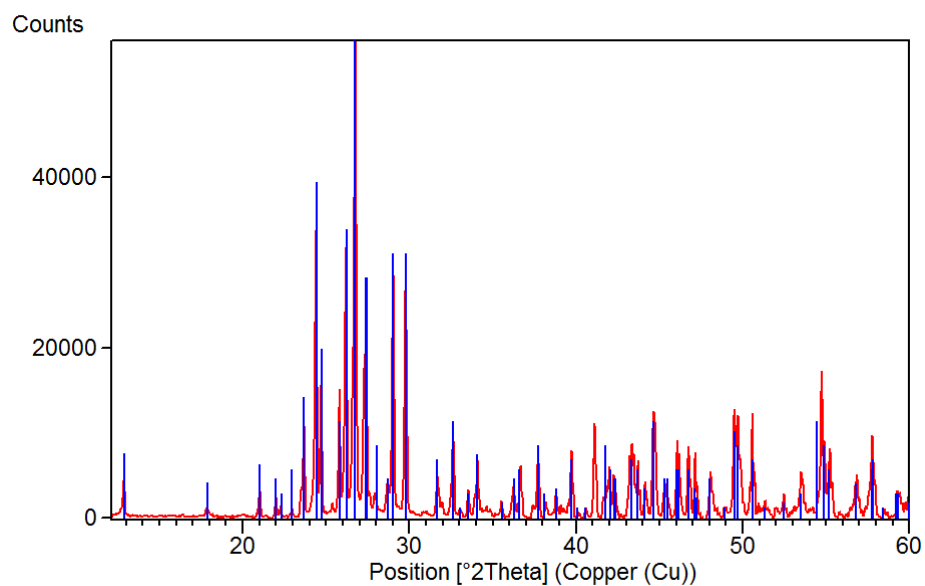


Figure S1. Diffractogram of the powdered  $\text{Cs}_2\text{Mo}_2\text{O}_7$  sample from this work (in red) compared with the reference pattern PDF-2 00-039-0060 of  $\text{Cs}_2\text{Mo}_2\text{O}_7$  (in blue).

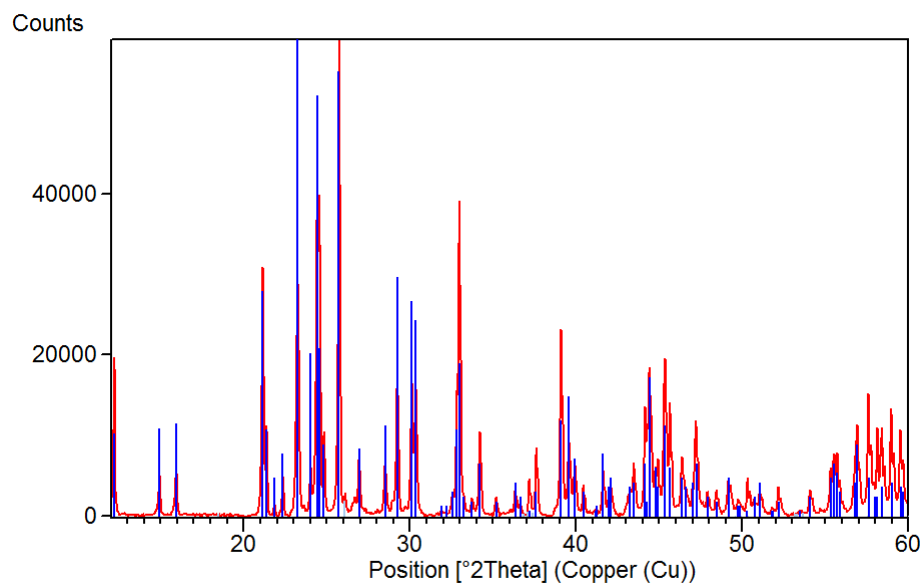


Figure S2. Diffractogram of the powdered  $\text{Cs}_2\text{Mo}_3\text{O}_{10}$  sample from this work (in red) compared with the reference pattern PDF-2 00-034-0059 of  $\text{Cs}_2\text{Mo}_3\text{O}_{10}$  (in blue).

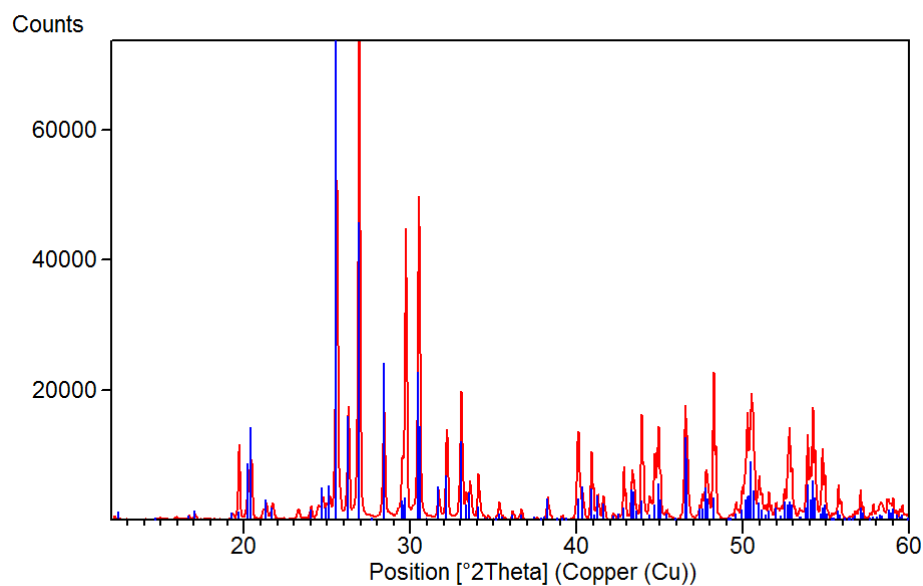


Figure S3. Diffractogram of the powdered  $\text{Cs}_2\text{Mo}_5\text{O}_{16}$  sample from this work (in red) compared with the reference pattern PDF-2 01-070-0861 of  $\text{Cs}_2\text{Mo}_5\text{O}_{16}$  (in blue).

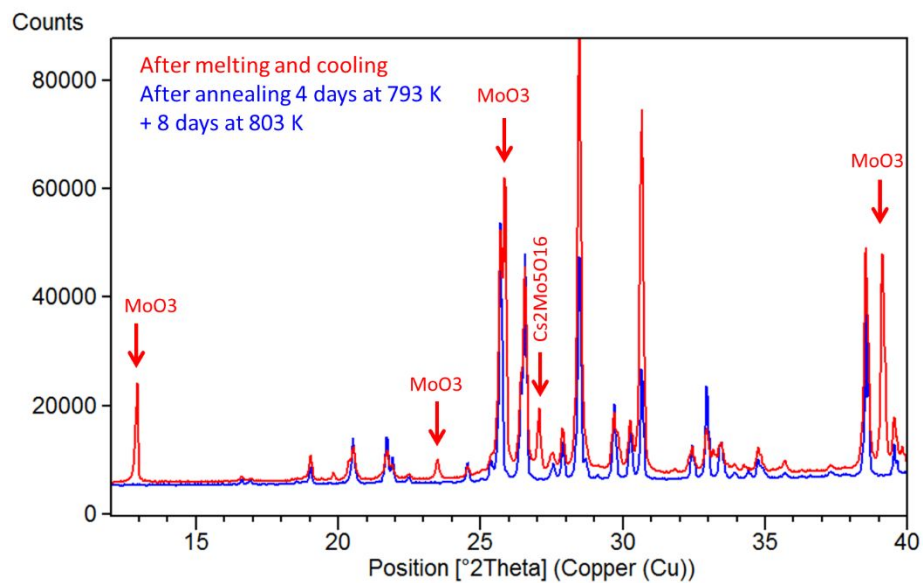


Figure S4. Comparison between the diffractograms obtained on the powdered  $\text{Cs}_2\text{Mo}_7\text{O}_{22}$  sample after melting and cooling (in red) and after the annealing treatment (in blue).

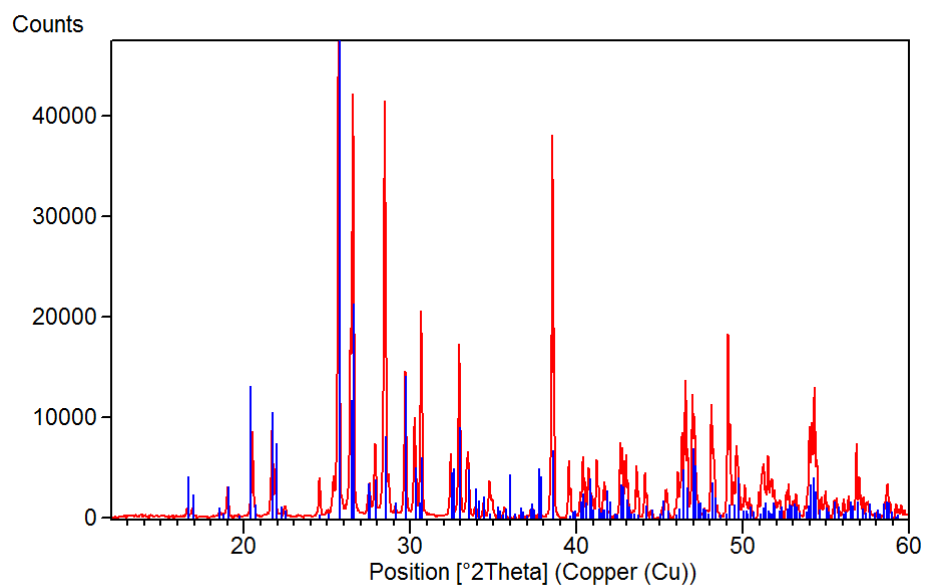


Figure S5. Diffractogram of the annealed  $\text{Cs}_2\text{Mo}_7\text{O}_{22}$  sample from this work (in red) compared with the reference pattern PDF-2 01-070-0862 of  $\text{Cs}_2\text{Mo}_7\text{O}_{22}$  (in blue).