<http://dx.doi.org/10.5525/gla.researchdata.654>

The XAFS spectra underpinning the results shown in the manuscript are contained in three Athena files. Included in the 100C\_helium file are spectra of a Pd foil reference and PdO reference material.

100C\_Helium

280C\_with\_H2

280C\_without\_H2

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The raw TEM image used to prepare figures S2-3 in the supplementary information is named TEM\_raw\_file\_Figure\_S2-3

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