

X-ray photochemistry of Prussian blue cellulosic materials: Evidence for a substrate-mediated redox process

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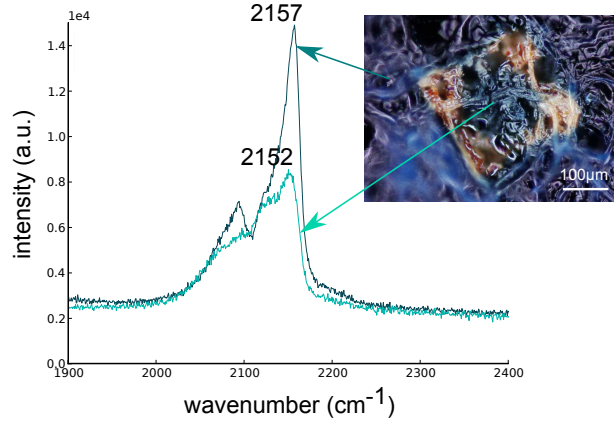


Figure SM1: Raman spectra showing the $\sigma(CN)$ band of Prussian blue in **PB:WHA**, in a region not X-rayed (dark blue) and in a zone where Prussian blue was reduced by the X-ray beam (light blue).

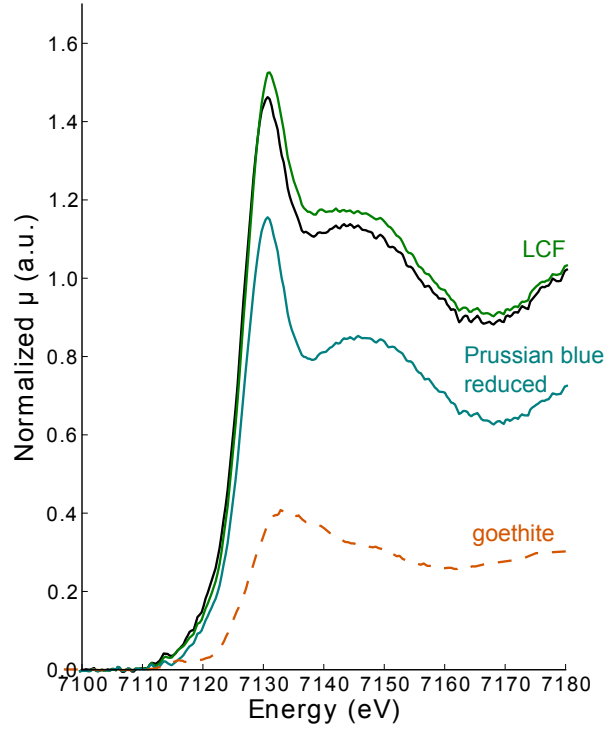


Figure SM2: Example of XANES linear combination fitting used to estimate the ratio between the different iron phases. Spectrum at $t = 110$ min with a linear combination fit (LCF, green curve) composed of 70.8% Prussian blue reduced (blue curve) and 29.2% goethite (orange curve) (R-factor $1.4 \cdot 10^{-3}$).