First in-flight synchrotron X-ray absorption and photoemission study of carbon soot nanoparticles

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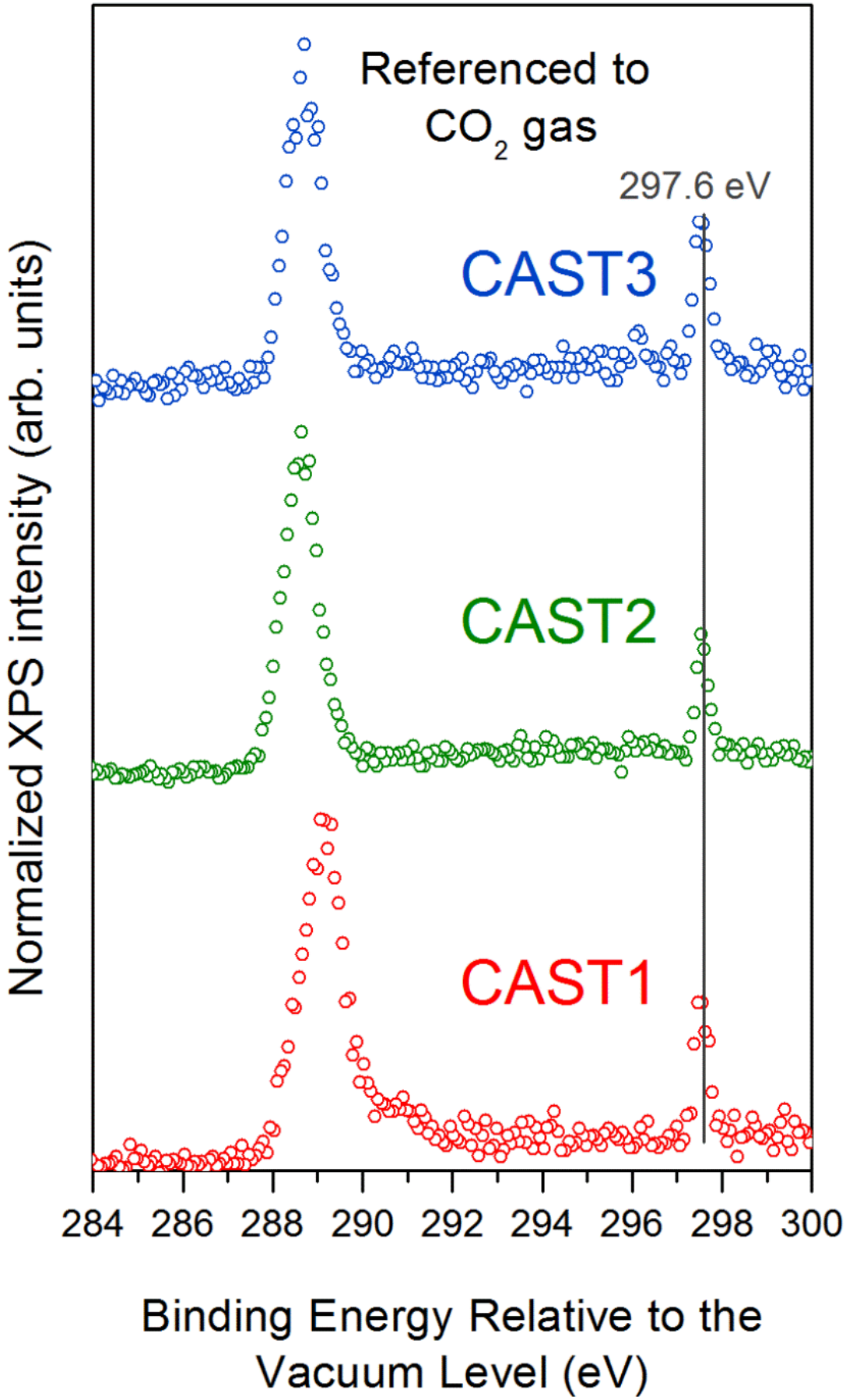

Figure S1: Comparison of C1s XPS spectra recorded on the aerosol phase at the PLEIADES beamline at SOLEIL for each set point and expressed in binding energy at the Fermi level (not corrected by work function).