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The peak centered at 287.8 eV was incorrectly assigned to a C(1s) → σ*(C−C) transition. This peak corresponds to a second C(1s) → σ*(C−H) transition orthogonal to the peak at 287.2 eV as can be seen with the revisualized isosurfaces for the two states. The revisualized isosurfaces use the same calculated volumetric data for the core-excited electron density from

FIG. 4. Carbon K-edge X-ray absorption spectra for n-nonane and n-decane. All experimental spectra have been area normalized. (a) Previously measured carbon K-edge absorption (TEY) spectra of n-nonane. Off-jet signal, shown in green, is the vapor signal originating from the microjet vapor jacket. (b) Carbon K-edge absorption spectra of n-nonane measured simultaneously with TEY and upstream detection. Off-jet signal, shown in green, is the vapor signal originating from the microjet vapor jacket. FWHM: off-jet: 2.70 eV; TEY: 3.24 eV; upstream: 4.26 eV. Blue-shift relative to off-jet: TEY: 0.11 eV; upstream: 0.30 eV. (c) Carbon K-edge absorption spectra of n-decane measured simultaneously with TEY and upstream detection. Off-jet signal, shown in green, is the vapor signal originating from the microjet vapor jacket. FWHM: off-jet: 2.13 eV; TEY: 4.25 eV; upstream: 5.45 eV. Blue-shift relative to off-jet: TEY: 0.42 eV; upstream: 0.80 eV. (d) Comparison of carbon K-edge liquid phase spectra of nonane and decane measured with upstream detection. (e) Comparison of the calculated carbon K-edge spectra for gas phase decane and liquid decane. Peak 1 (1s → σ*(C−H), 287.2 eV) and peak 2 (1s → σ*(C−H), 287.8 eV).

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the original article. This erroneous assignment appears in the last paragraph on page 4 and in Fig. 4. An updated Fig. 4 with the revisualized isosurfaces is presented here.

The error in the assignment does not affect the conclusions of the published paper.