

Supplementary Information for
Photocatalytic Chemistry of Methanol on Rutile TiO₂(011)-(2×1)

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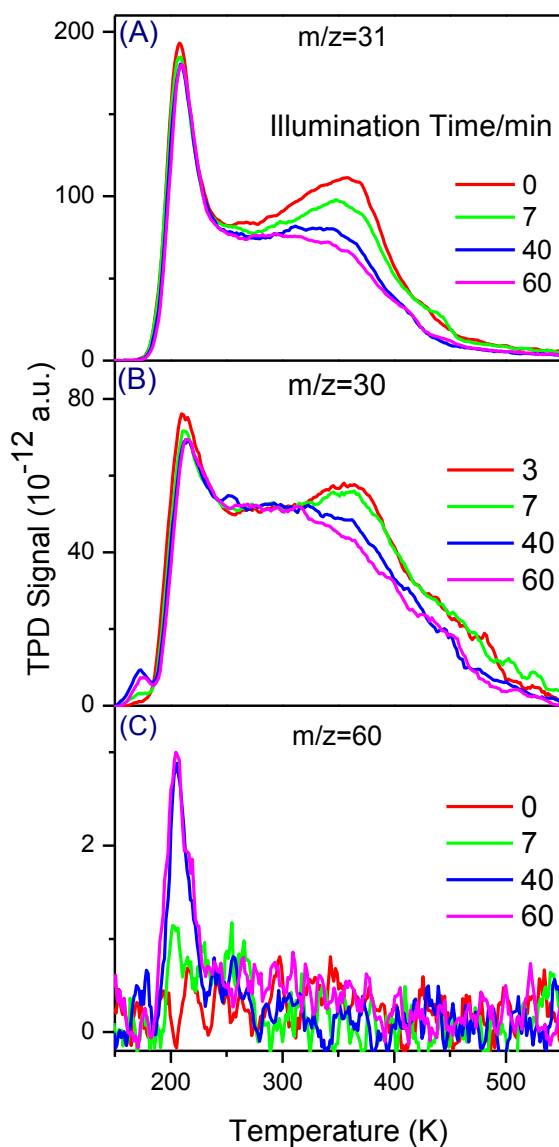


Figure S1. TPD spectrum for (A) $m/z = 31$, (B) $m/z = 30$ and (C) $m/z = 60$ as a function of light illumination (400 nm, flux 2.24×10^{18} photons \cdot cm $^{-2}$ \cdot s $^{-1}$) after 0.67 ML methanol was dosed onto the TiO $_2$ (011)-(2 \times 1) surface at 120 K. Data modified from Ref.1 (2015 Copyright American Chemical Society).

References:

1. Mao, X.; Wang, Z.; Lang, X.; Hao, Q.; Wen, B.; Dai, D.; Zhou, C.; Liu, L.-M.; Yang, X., Effect of Surface Structure on the Photoreactivity of TiO₂. *J. Phys. Chem. C* **2015**, *119*, 6121-6127.