Supporting Information

In-Plane Distribution of Water inside Nafion® Thin Film Analyzed by Neutron Reflectivity at Temperature of 80 °C and Relative Humidity of 30-80% Based on 4-Layered Structural Model

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Figure S1 Model of a Nafion thin film (thickness = 103 nm when dry) on a Si(100) wafer with native SiO$_2$ intact at 29.6 °C and 92% RH under humidified Ar. Original data were reported in reference 1. SLD values in reference 1 were converted to Nafion and water densities based on the procedures reported in our manuscript.

**Reference**

1) S. C. DeCaluwe, A. M. Baker, P. Bhargava, J. E. Fischer, and J. A. Dura, Nano Energy 46, 91, (2018).