

### Supplemental Information:

#### Iron (II) Spin Crossover Films on Au(111) : Scanning Probe Microscopy and Photoelectron Spectroscopy

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Figure S1 below shows UPS spectra measured under conditions described in the main text for an as-loaded bilayer film in comparison . The changes in inelastic background intensity and secondary electron cut-off near 16 eV binding energy are consistent with the removal of weakly physisorbed ambient contaminants that slightly change the surface dipole layer.

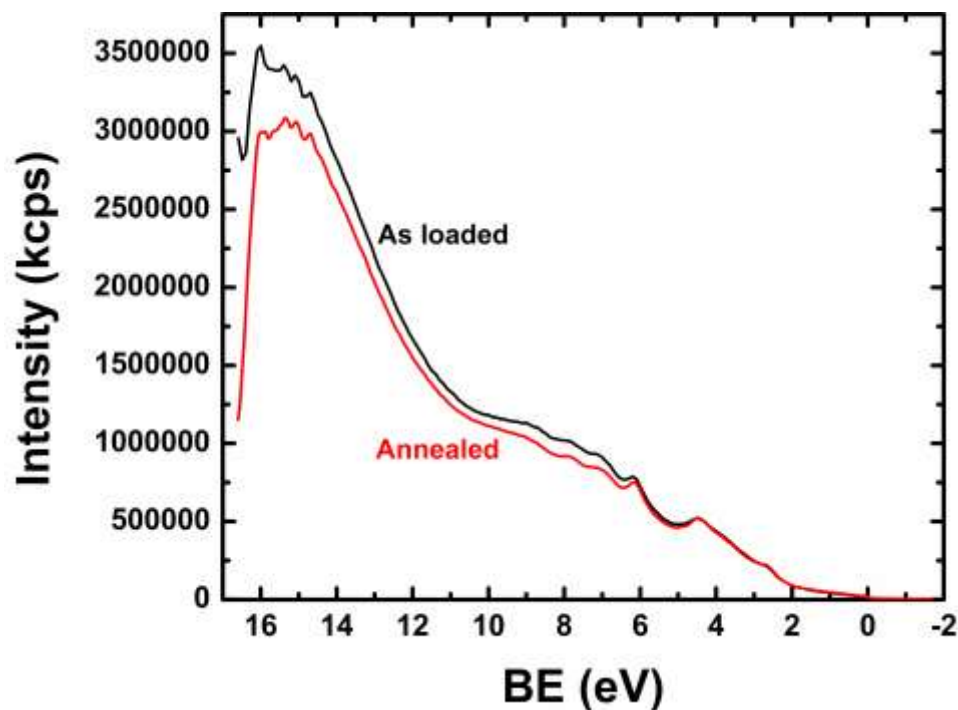


Figure S1.