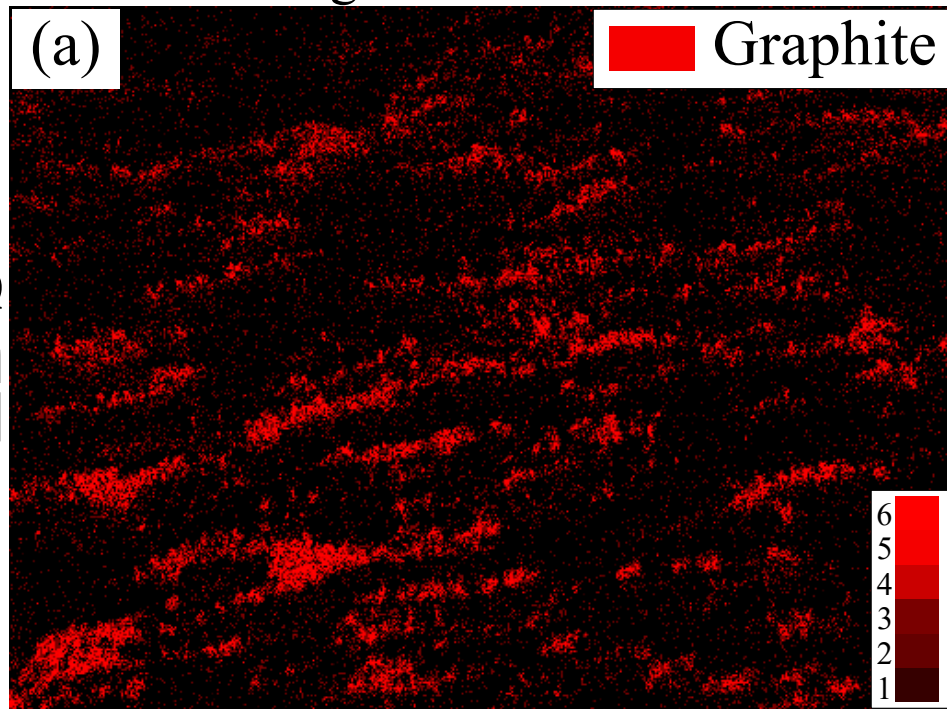
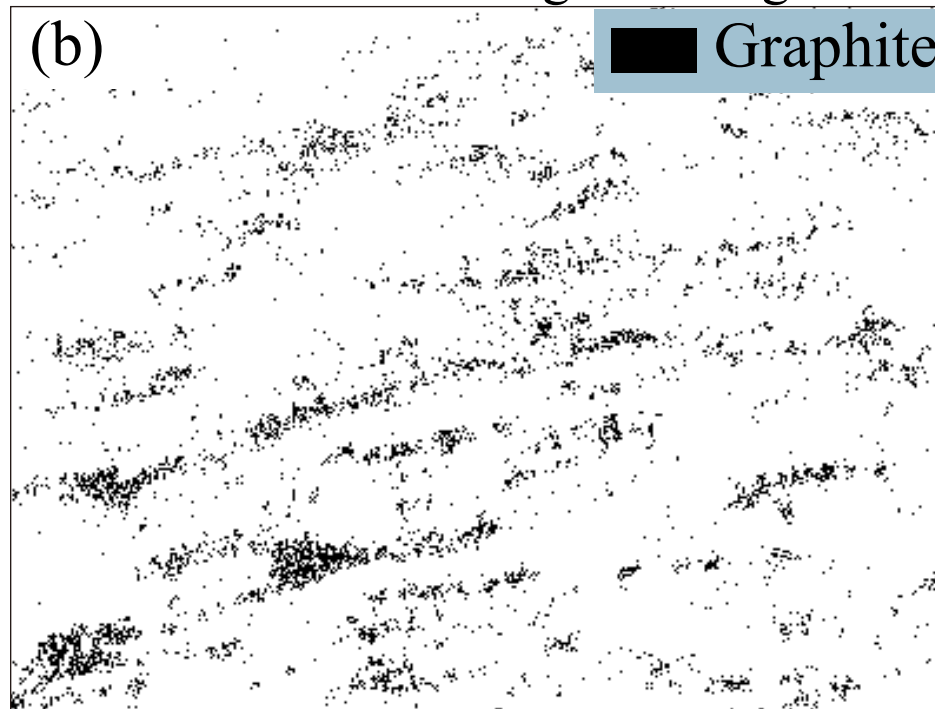


EDS

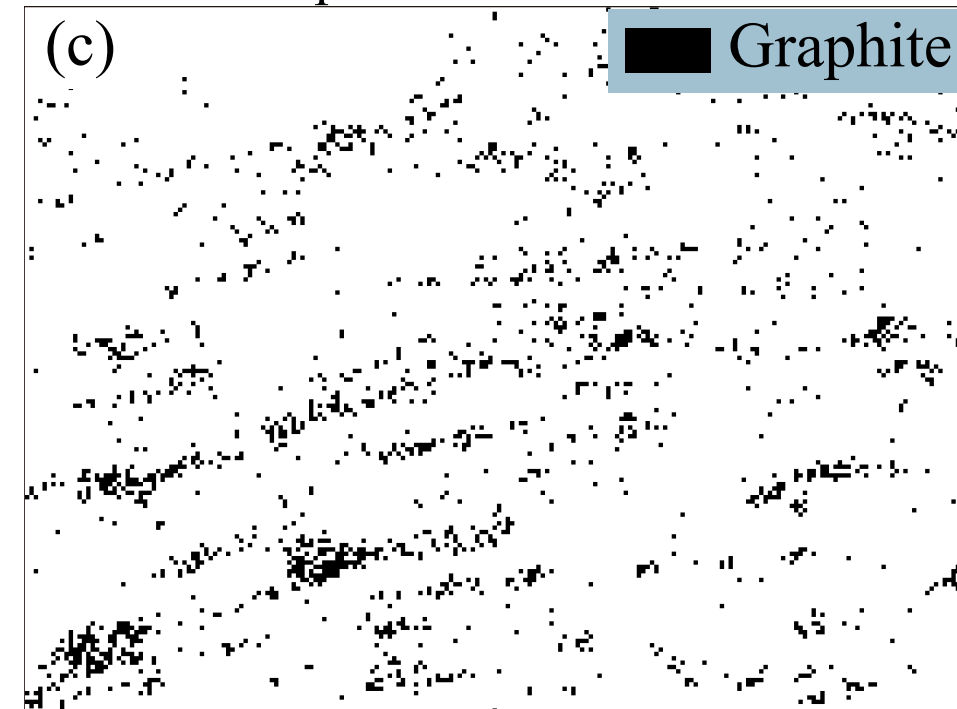
Raw signal from EDS



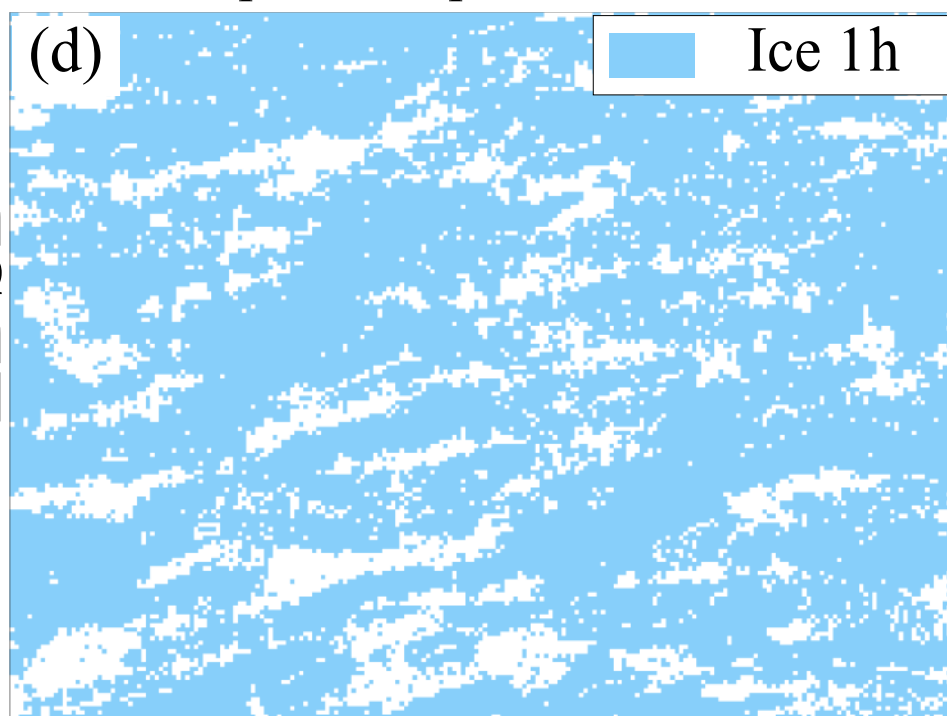
Threshold data with signal strength  $\geq 2$



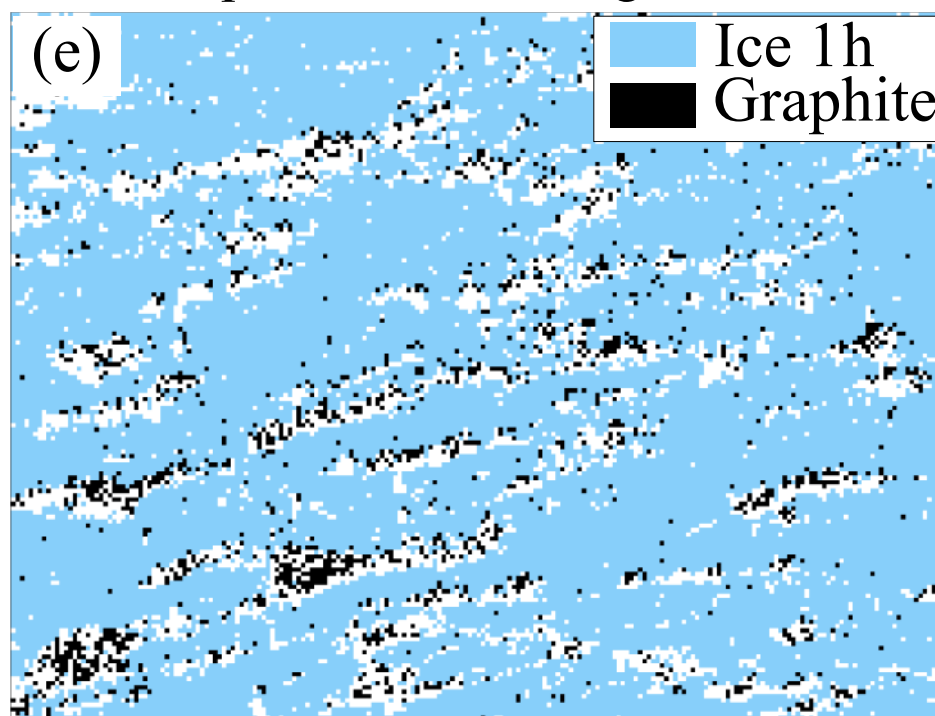
Pixel binning of EDS data to fit the step size of EBSD



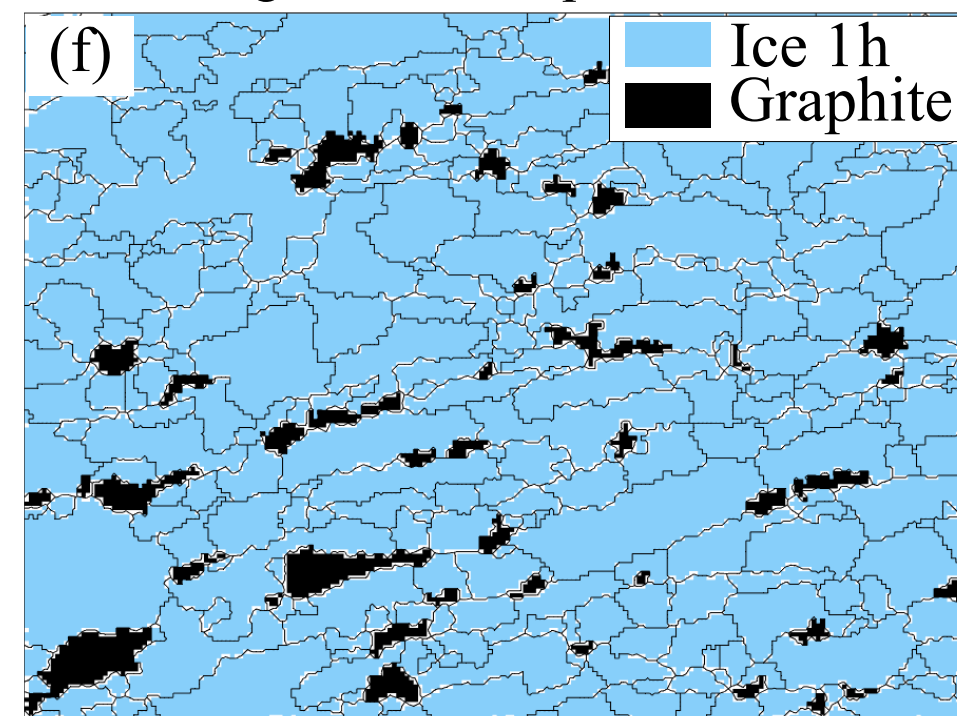
Raw phase map from EBSD



Ice phase combined with processed EDS signal



Data denoised and reconstructed for grains of two phases



1 mm

EBSD