



Supplemental Figure 7. Comparison of second-order Raman bands (intensity $I_0/4$) of three tabular crystals from sample 06st11-5, including spectra from a rare thick graphite crystal on phlogopite (field of view of the inset image is 350 μm), and a tabular reference crystal's pinacoid face. Corresponding first-order spectra are shown in Fig. 10b.