

Supporting Information

Li et al. 10.1073/pnas.1721425115

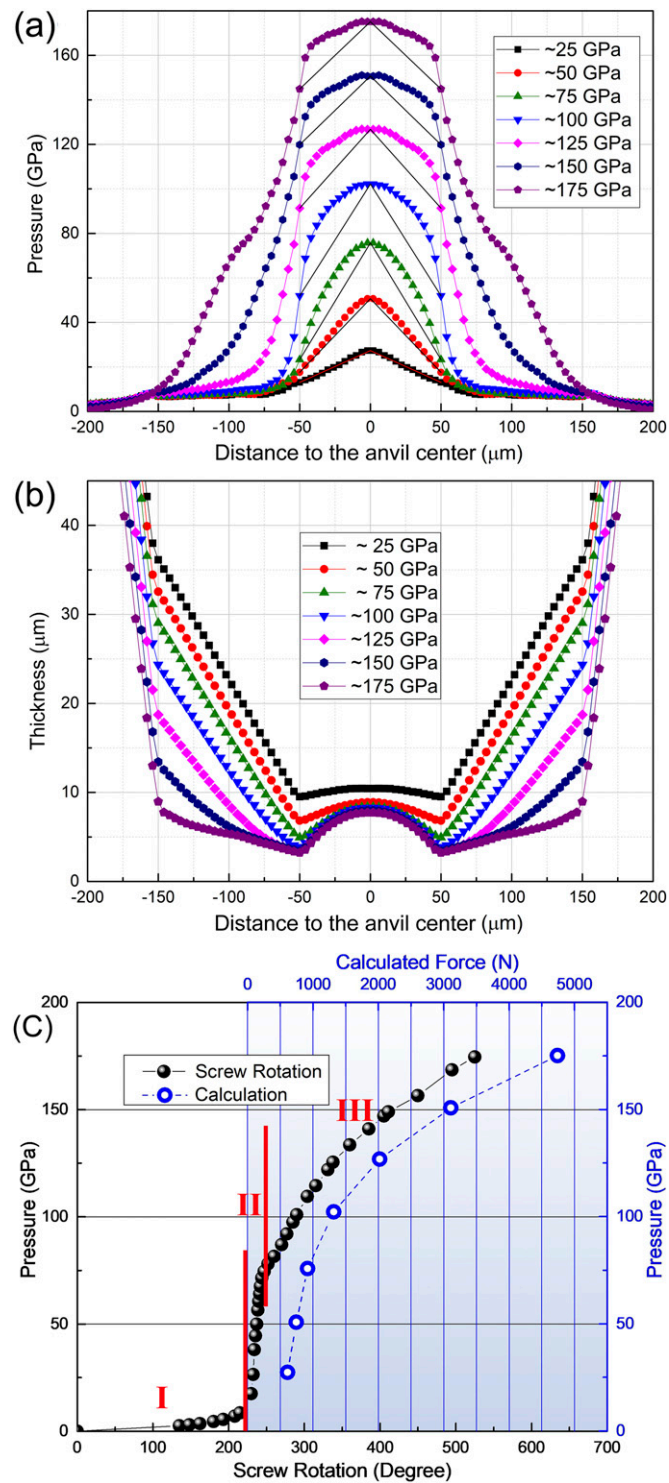


Fig. S1. Behavior of a 100- μm beveled to 300- μm -anvil DAC up to 175 GPa. Pressure distributions (A) and gasket-thickness variations (B) as a function of the radial distance from the center of the culet at seven different center pressures. (C) Pressure-loading curves, solid dots, and open circles are from the experiment and calculations, respectively.

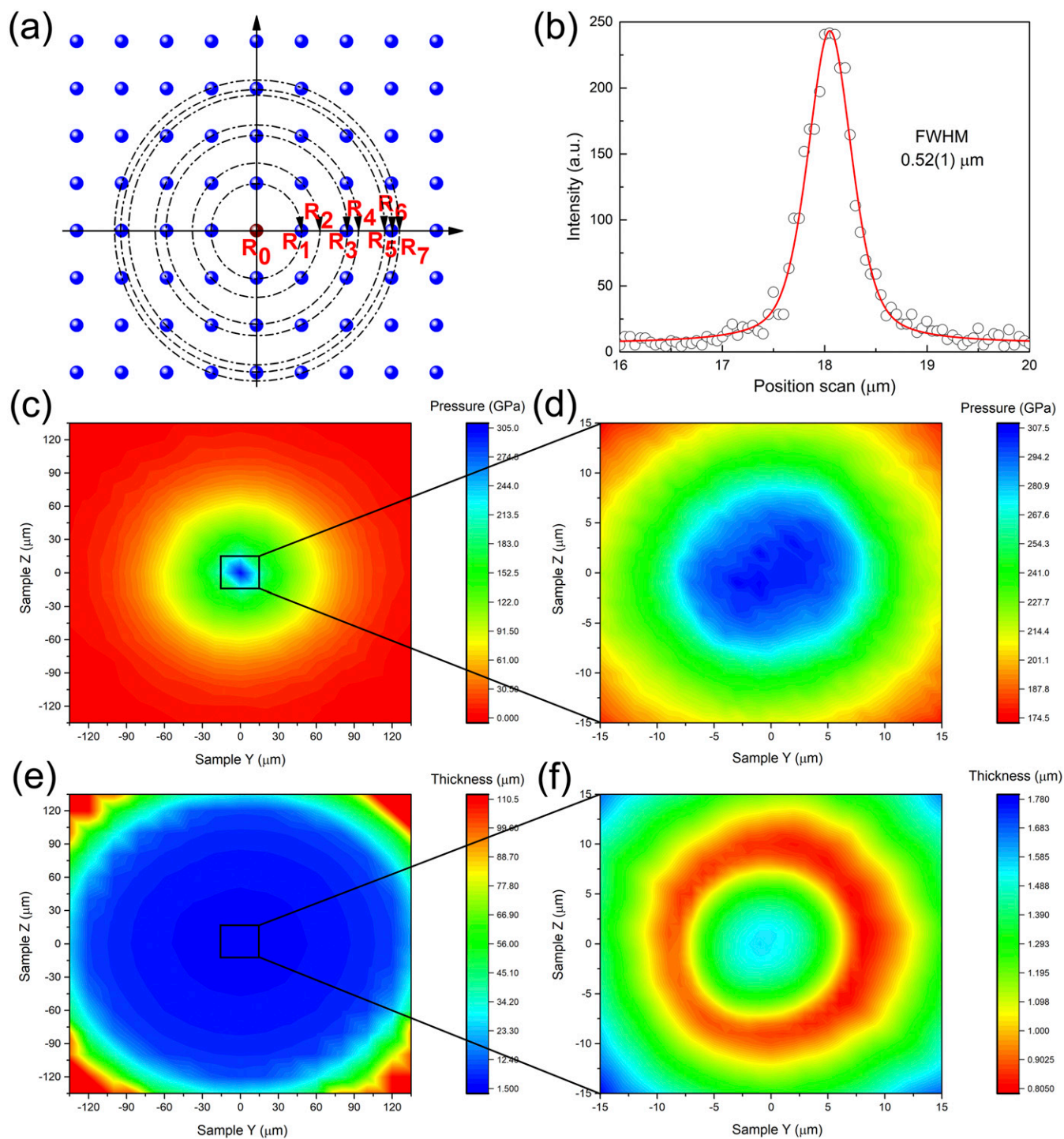


Fig. S2. Schematic diagram of 2D to 1D data conversion (A), typical submicrometer beam profile for 400-GPa experiment (B), and an example of 2D pressure (C and D) and thickness (E and F) mappings at ~ 300 GPa.