FIGURE S1. Eulerian finite strain, f, vs. normalized pressure, F, constructed using the V_0 obtained from the equation of state fit. The solid line is the weighted linear fit through the data, its steep slope indicates a $K' > 4$.
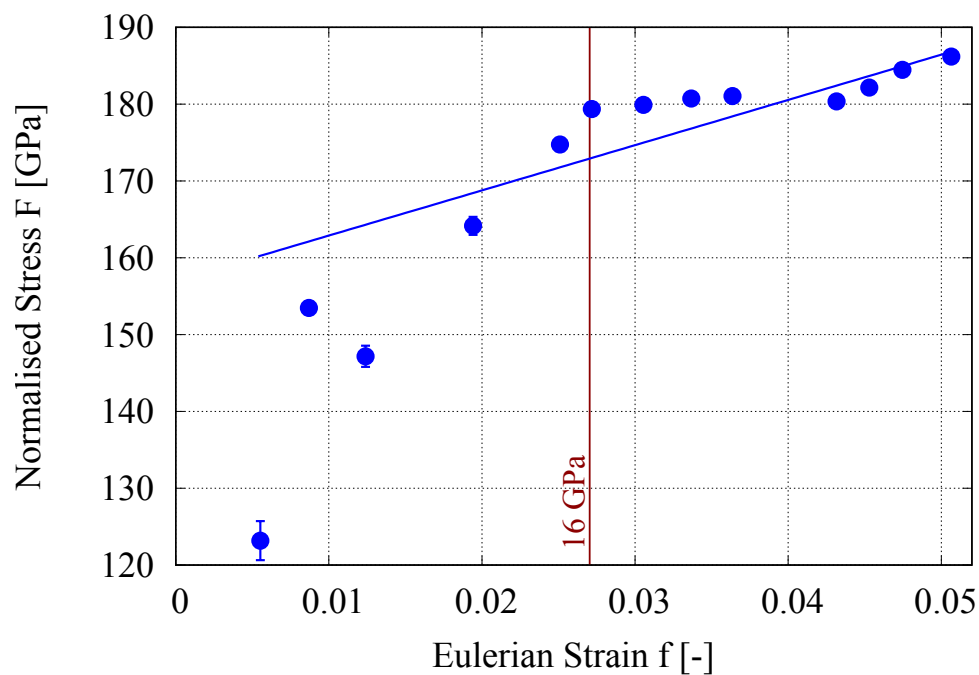
FIGURE S2. Eulerian finite strain, *f*, vs. normalized pressure, *F*, constructed using the data reported in Vanpeteghen et al. (2003). The solid line is the fit using the EoS parameters reported in the mentioned study. A change of compression behavior is apparent at about 16 GPa.