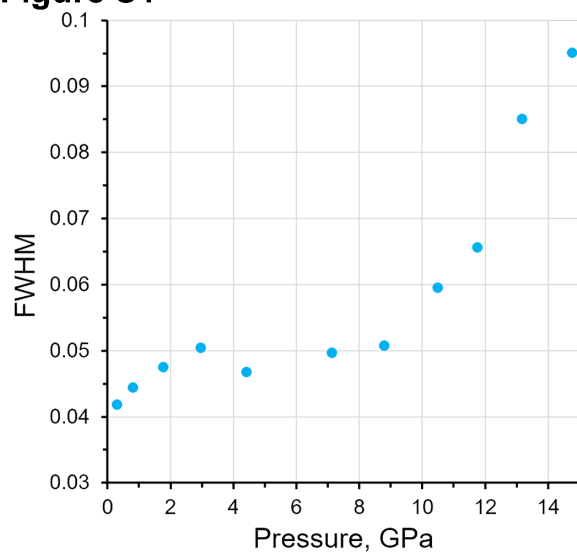


**Figure S1**



**FIGURE S1.** This figure shows pressure dependence of radial broadening with pressure. Broadening of (200) reflection gradually increases by 20% up to pressure of ~3 GPa, which is consistent with Angel et al. (2007). Furthermore, this value remains nearby constant up to a pressure of 10 GPa, and then it starts to increase sharply, which corresponds to the limit of regime of quasi-hydrostaticity for Ar media reported by Klotz et al. (2009).