Erratum: Simultaneous x-ray diffraction measurements of nine pressure calibrants to 140 GPa [Phys. Rev. B 113, 144113 (2026)]

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Two corrections to the original paper are reported.

(1) Equation-of-state parameters for the NaCl-B2 phase

In Table II, a one-row misalignment between the pressure and volume columns in the input data file used for the NaCl-B2 fit produced slightly incorrect fitted parameters. The corrected values are given below.

	Unit-cell volume V_0 (Å^3)	Bulk modulusK_0 (GPa)	Bulk modulus derivative K_0'	EOS form	Notes
Published (incorrect)	41.35 (fixed)	24.92 ± 0.11	5.63 ± 0.02	Vinet	DAC-2; B2 phase above 33 GPa
Corrected	41.35 (fixed)	25.43 ± 0.09	5.58 ± 0.02	Vinet	DAC-2; B2 phase above 35 GPa

An updated version of the NaCl-B2 panel of Fig. 8, recomputed with the corrected parameters, is shown below.

(2) Table S1 (Supplemental Material)

In Table S1, the MgO volumes were inadvertently taken from a column derived from a single diffraction reflection, (200). The corrected volumes are the averaged volumes, obtained as described in the text. Table S1 in the Supplemental Material has been revised. The MgO correction affects only the tabulated values in the Supplemental Material, not the fitted MgO equation of state reported in the main text including parameters in Table II.

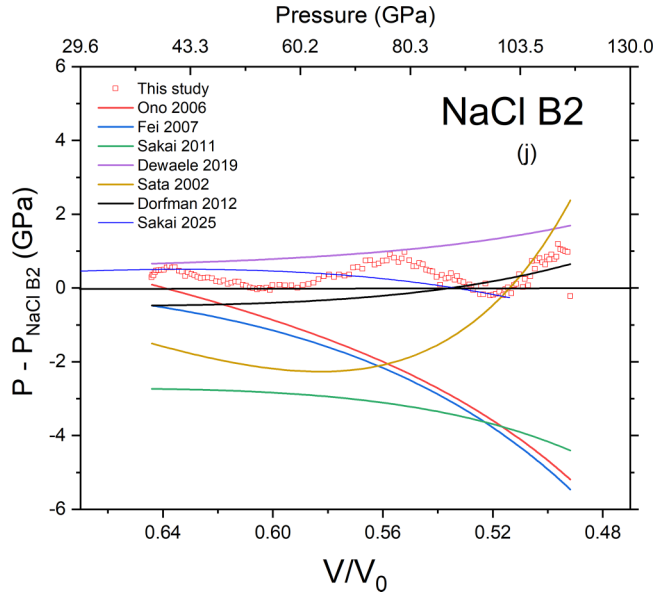


FIG. 8. (The NaCl-B2 panel). Comparison of the derived equations of state with literature data. The pressure difference ($\Delta P = P_{\text{literature}} - P_{\text{this study}}$) is plotted against compression ratio (V/V_0). The zero baseline corresponds to our Cu-referenced Vinet EOSs (Table II). Because V_0 is not directly measured and highly correlated with K_0, we use the absolute volume method described in the text: the measured volume V is used together with the published (V_0, K_0, K_0') set to compute $P_{\text{literature}}$.

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