

***Insitu* High Pressure Neutron Diffraction and Raman Spectroscopy of 20BaO-80TeO₂**

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Supplementary File

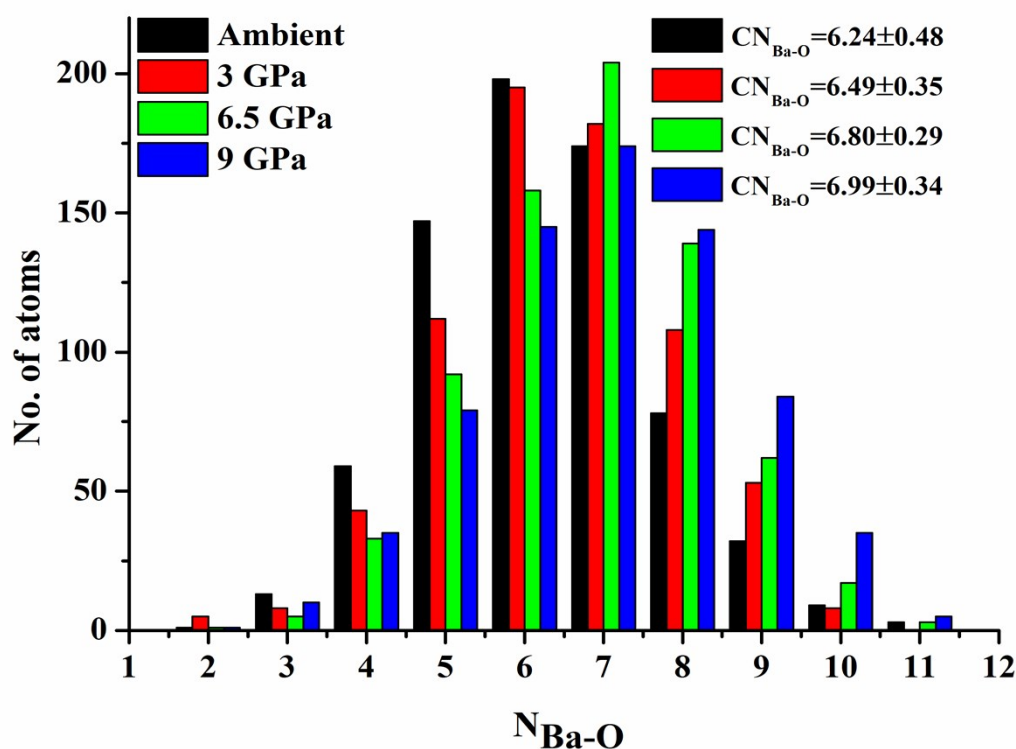


Fig. S1(a). The distribution of coordination environments for barium with oxygen ($N_{\text{Ba-O}}$) at ambient pressure, 3.0, 6.5 and 9.0 GPa in 20BaO-80TeO₂ glass.

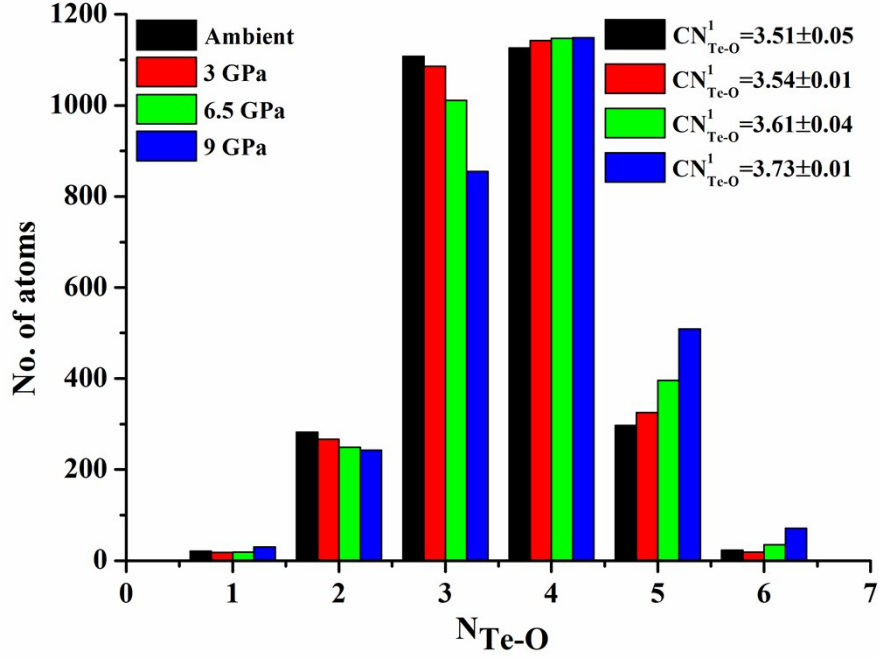


Fig. S1(b). The distribution of coordination environments for Te with oxygen ($N_{\text{Te-O}}$) at ambient pressure, 3.0, 6.5 and 9.0 GPa in 20BaO-80TeO₂ glass.

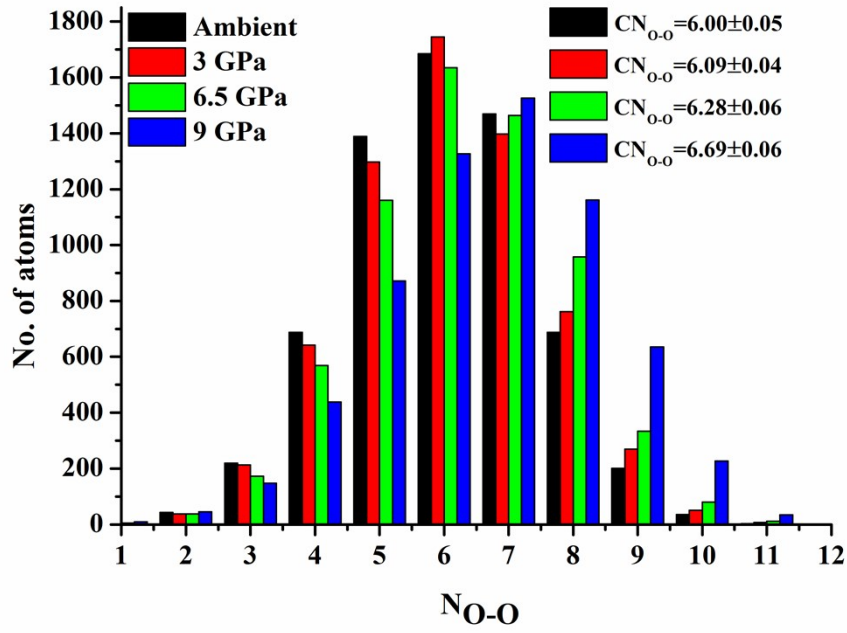


Fig. S1(c). The distribution of O-O coordination environments ($N_{\text{O-O}}$) at ambient pressure, 3.0, 6.5 and 9.0 GPa in 20BaO-80TeO₂ glass.

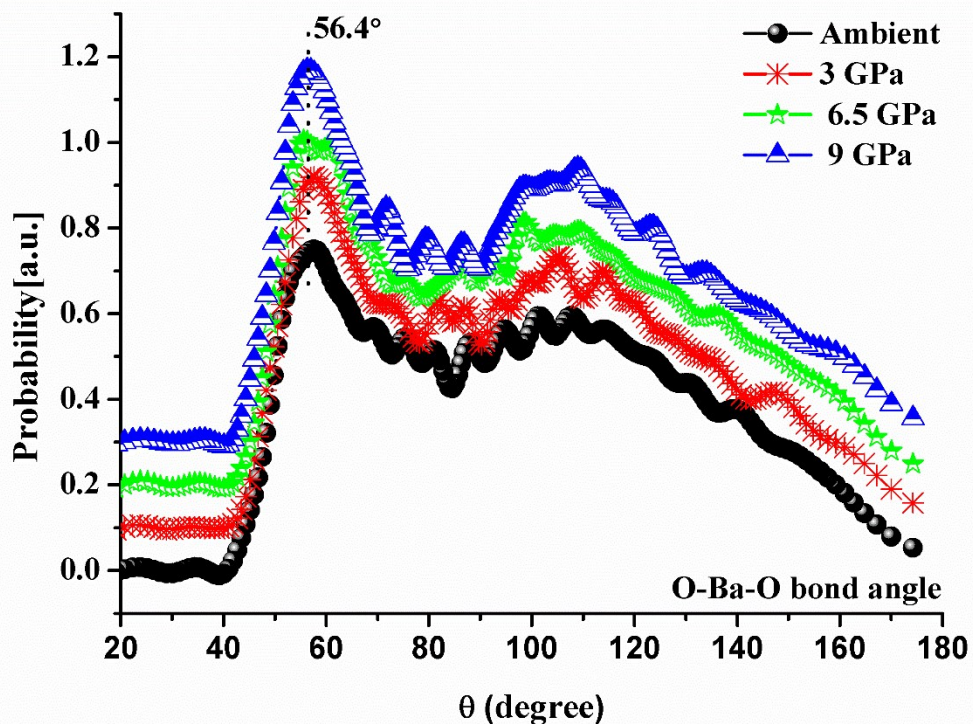


Fig. S2(a). Distribution of O-Ba-O bond angles in 20BaO-80TeO₂ glass (the curves for 3.0, 6.5 and 9.0 GPa are shifted by 0.1 units successively for clarity).

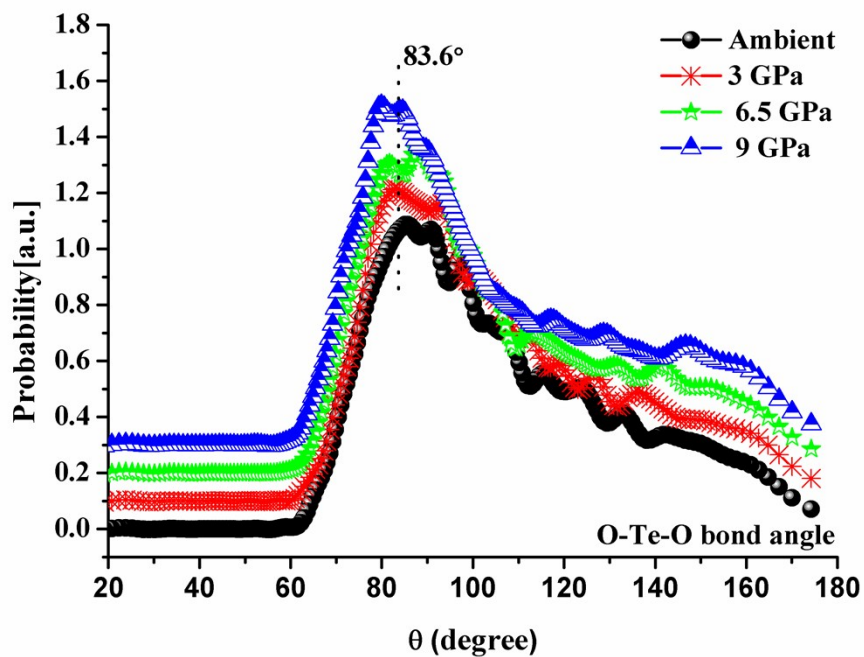


Fig. S2(b). Distribution of O-Te-O bond angles in 20BaO-80TeO₂ glass (the curves for pressure 3.0, 6.5 and 9.0 GPa are shifted by 0.1 units successively for clarity).

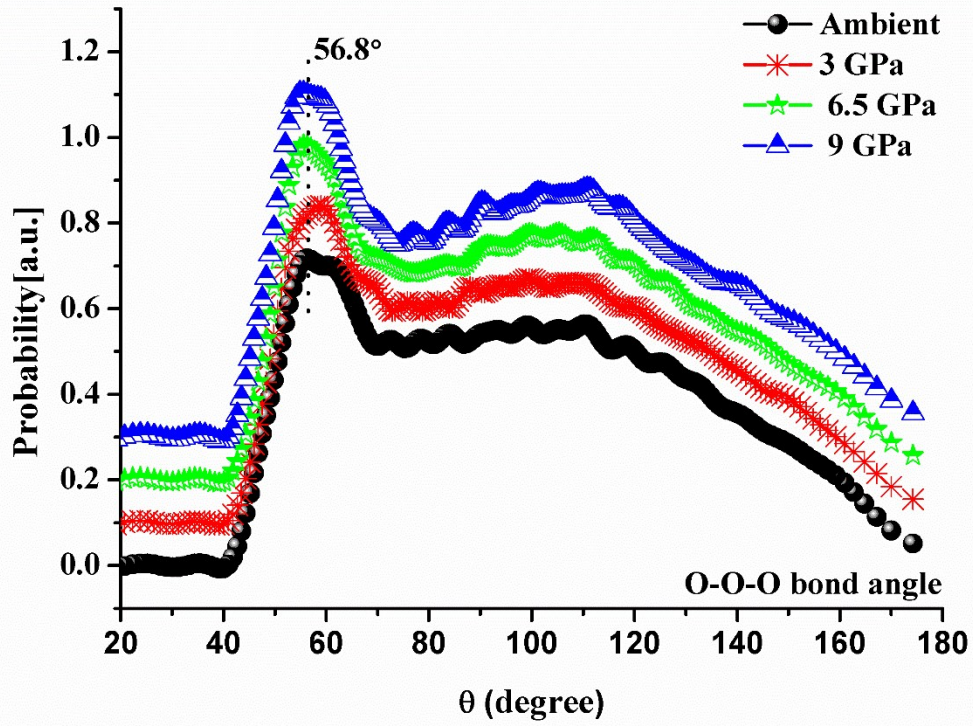


Fig. S2(c). Distribution of O-O-O bond angles in 20BaO-80TeO₂ glass (the curves for 3.0, 6.5 and 9.0 GPa are shifted by 0.1 units successively for clarity).