

Figure 3. Fit of the imaginary $\chi(R)$ function (dashed line) to raw data (solid line) for a synthetic Zn-doped calcite (945 ppm Zn).

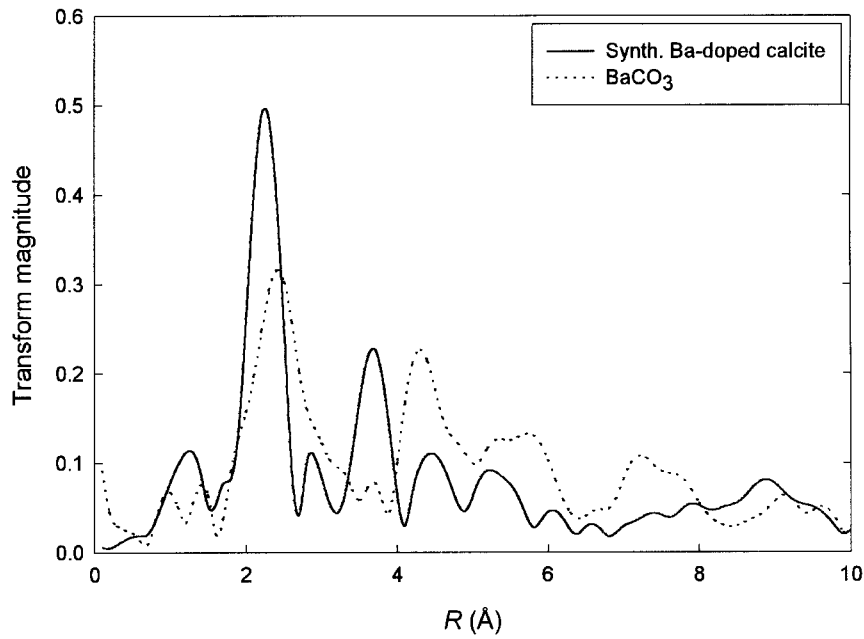


Figure 5. Fourier-transform magnitudes, uncorrected for phase shifts, of the synthetic Ba-doped calcite (solid line) and orthorhombic BaCO₃ (dashed line).