

**S206-020**

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## Crustal Heterogeneity in the Source Region of the 2004 Mid Niigata Prefecture Earthquake

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We estimated a 3-D distribution of relative scattering coefficients in the source region of the 2004 Mid Niigata Prefecture earthquake (M6.8). The results suggest that heterogeneous structures in the source region of this earthquake sequence affected the initiation and growth of ruptures of the main shock and major large aftershocks.