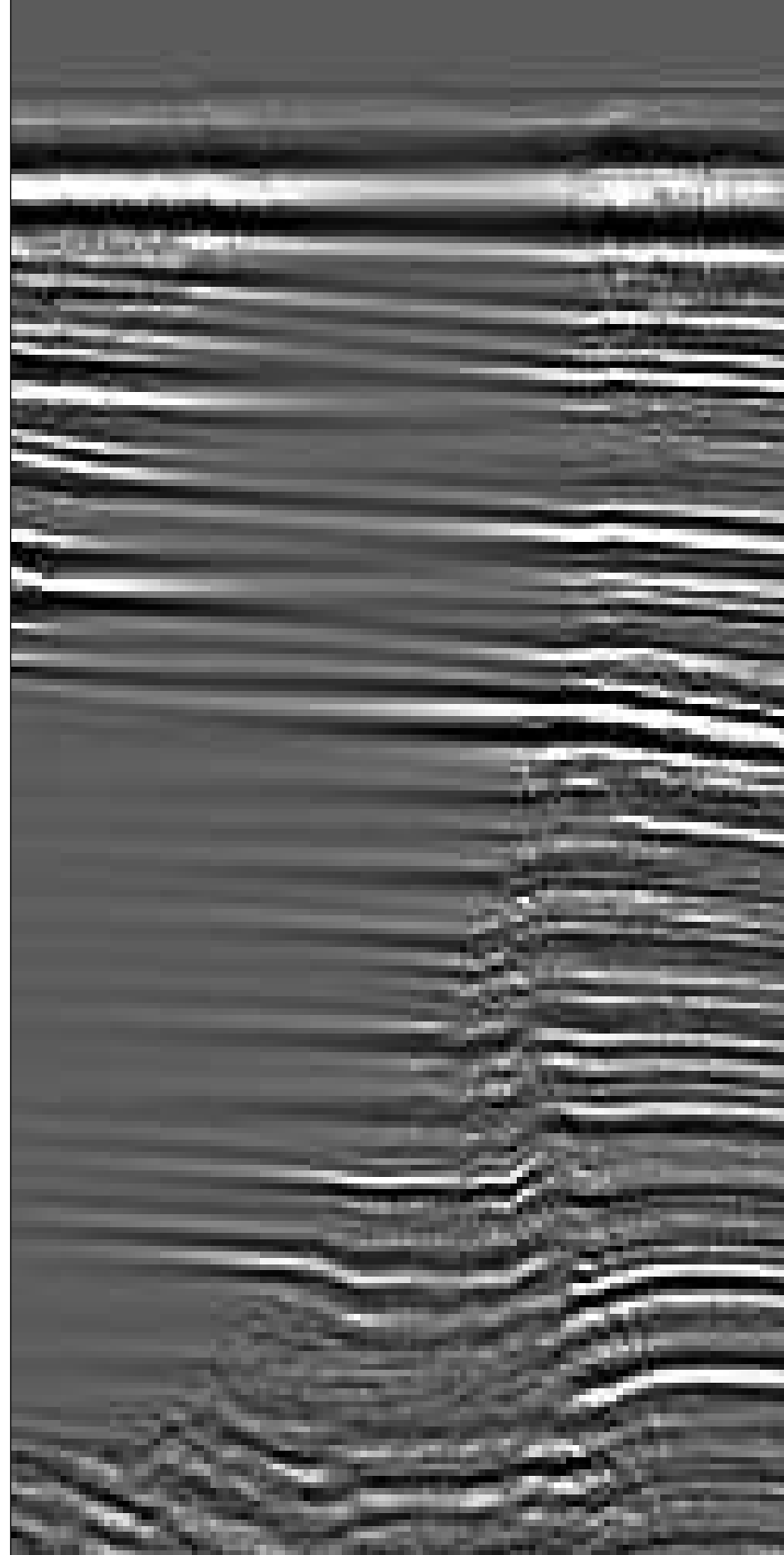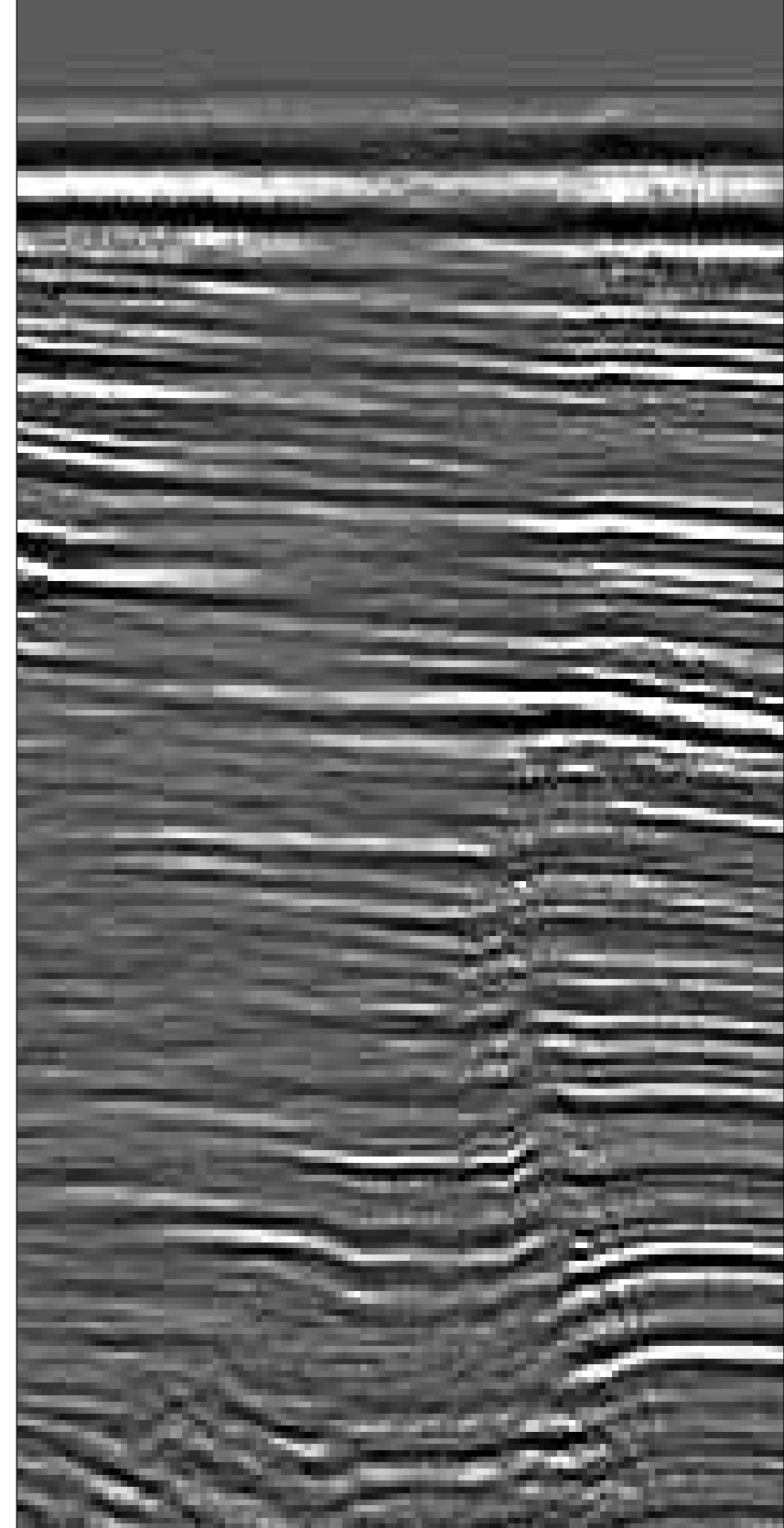Gapped   Restored   Random Realization