The attenuation characteristics of S-coda wave (Qc) in Onikoube area, Miyagi Prefecture, NE Japan.

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After the earthquake of M5.9 occurred in Onikoube area (Miyagi pref. NE Japan) on August 11,1996, aftershock activity has been continuing. Using the data obtained by aftershock observations from October to December,1996 we calcurated 1/Qc values based on the single scattering model proposed by Aki & Chouet(1975). Epicentral distance is shorter than 15Km, focal depth is about 7Km and magnitudeis larger than 1.8. From the results we realized that 1/Q is high in NW part of this area and low in NE. This tendency matches geological structure in this region.