

## Crustal structure of the passive continental margin, west off Svalbard Islands, deduced from ocean bottom seismographic studies

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In 1998, we made controlled source surveys by using the ocean bottom seismographs, airguns and single-channel streamer in the Atlantic Ocean west off Svalbard Islands. We analyzed 3 profiles across the Knipovich Ridge and the passive continental margin in this study. We constructed P-wave velocity structures by ray-tracing method. We can obtain the detailed crustal structure of the ocean-continent transition zone.

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