

Seismic Structure of the Izu Arc-backarc System

Yuhan Li¹, Ingo Grevemeyer¹, Shuichi Kodaira², and Gou Fujie²

¹GEOMAR Helmholtz Centre for Ocean Research Kiel, Kiel, Germany

²Japan Agency for Marine-Earth Science and Technology (JAMSTEC), Yokohama, Japan

Contents of this file

This file contains (a) the ray-tracing and (b) the travel-time fitting figures of the inversion step Pg+Pn+PdP for each station in line IBr5. Seismic record sections were plotted with an 8.0 km/s reduced velocity. The grey curve in (a) shows the ray-path of seismic phases. The grey error bars show the picking travel-time data and their uncertainty range, while the red and blue dots represent the calculated travel-time of seismic refraction (Pg+Pn) and reflection (PdP) phases respectively. The number at the left-top of (b) denotes the number of OBS station, while the black triangle marks the location of this station. Note that all the travel-time data shown in the figure plotted with a reduced velocity of 8.0 km/s. See Figure 3 for the other captions in subplot (a) of each station.

























































































































































































































