

**Seismic Structure of the Izu Arc-backarc System**

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This file contains (a) the ray-tracing and (b) the travel-time fitting figures of the inversion step Pg+PmP for each station in line IBr5. Seismic record sections were plotted with a 6.0 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 and reflection 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 6.0 km/s. See Figure 3 for the other captions in subplot (a) of each station.





















































































































































































































































