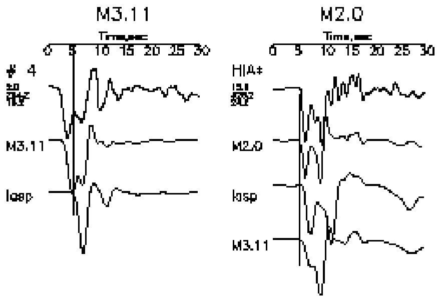

Figure 11.12: P waveforms observed at HIA station in China for events from the southern Kurile (left) and Izu-Bonin (right) subduction zones (top bold traces) and synthetics which are modeled well by M3.11 or M2.0, respectively (thin traces immediately below the observed waves). Below those are the synthetics with other models (iasp for iasp91) for comparison.

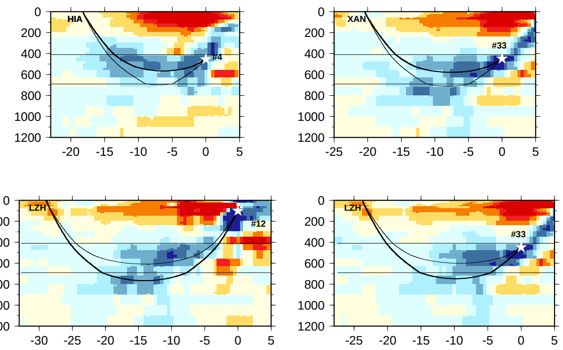

Figure 11.13: Cross projection profiles of slowness along some of the ray paths for the preferred model of M3.11. The peak of high velocity anomalies in the depth range 478-551 km in the tomographic model, but the agreement between the tomographic image and the waveform modeling is reasonable along these profiles.

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