



FIGURE 3.6. Velocity model obtained by first-arrival optimization of the medium-resolution data. The one-to-one velocity model reveals deepening of low velocities toward the center of the profile (east, toward the valley) and shallowing of high velocities toward the range front. White line is the deepest penetration of refracted first arrivals. After testing several resolution settings, an 8-m grid spacing resulted in the most robust model. The model is extended down to 2 km for use in migration (note broken depth axis).