



Fig. 3.8. View of the SCSN station locations (above), with depth section from migration of records from five synthetic events (Fig. 3.7) having increasing epicentral depths. The dip-filtered image results from acoustic processing of vertical-component elastic synthetic seismograms (near offset = 15 km; far offset = 175 km).  $\Delta\beta$ ,  $\Delta\alpha$  and  $\Delta\rho$  stand for  $S$ -wave velocity,  $P$ -wave velocity and density interface depths, respectively. Black is reconstructed positive reflectivity, white is reconstructed negative reflectivity, and gray shows little reflectivity.