Fig. 6 (continued). (B) More examples of seismograms of the PKP(DF) and PKP(AB) phases recorded at the CSN from a deep event: Apr. 28, 2003, 8.20°S, 71.59°W, 559 km (Event 3). The traces are plotted in the same way as in (A). The AB ray paths at azimuths –20° to 20°, which sample the lowermost mantle further to the north than those of Events 1 and 2 in (A), show even faster arrivals. This is consistent with velocity increase in the lowermost mantle from south to north (CC’ to AA’) under the Central America and the Caribbean. The AB waveforms are much more variable than the corresponding DF waveforms (the more complex AB traces are highlighted).