



FIGURE 13.54. Models of superimposed channel belts. Channel-belt connectedness increases with the channel-deposit proportion (CDP). For  $CDP < 0.4$ , most channel belts (shown as stippled boxes in the cross-floodplain section on the upper right) are unconnected, such that frequency distributions (upper left) of the channel-deposit width or thickness (relative to the floodplain width or thickness) are bimodal, with a large mode equivalent to unconnected channel belts. As the CDP increases, more channel belts are connected, channel deposits become larger, and the frequency distribution of channel-deposit width or thickness becomes polymodal. For  $CDP > 0.75$  (lower figures), all channel belts are connected and the single-channel deposit is as wide and thick as the floodplain. From Bridge (2006).