



FIG. 1. Left: Total cross sections for  $\pi^+ p \rightarrow \pi \Delta \rightarrow \pi^+ \pi^0 p + \pi^+ \pi^+ n$  (dashed curve) are compared with  $\pi^+ p \rightarrow \pi^+ \pi^0 p, \pi^+ \pi^+ n$  (solid curve). Right: Total cross sections for  $\pi^- p \rightarrow \pi \Delta \rightarrow \pi^- \pi^0 p + \pi^+ \pi^- n + \pi^0 \pi^0 n$  (dashed curve) are compared with  $\pi^- p \rightarrow \pi^- \pi^0 p + \pi^+ \pi^- n + \pi^0 \pi^0 n$  (solid curve).