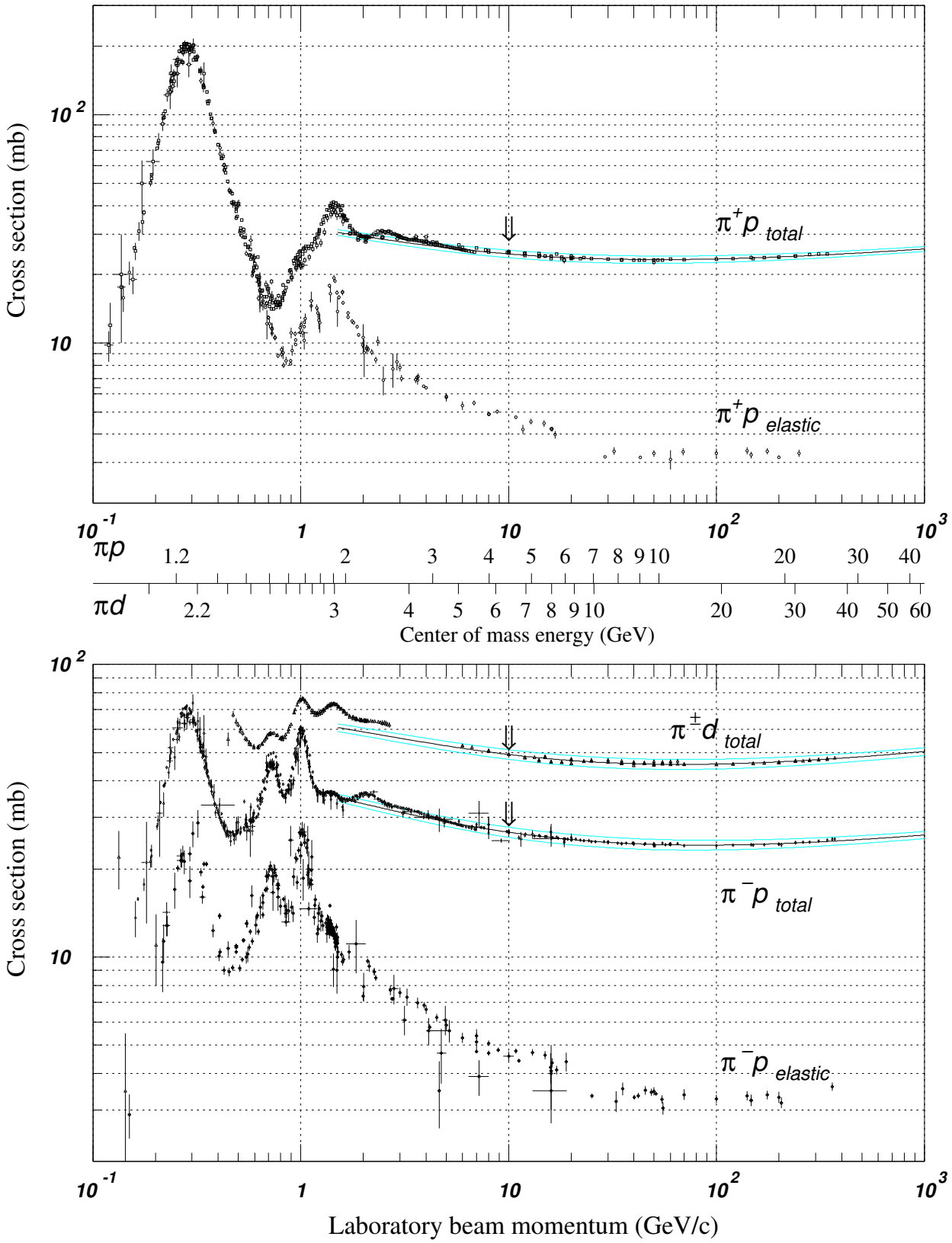

Figure 36.22: Total and elastic cross sections for $\pi^+ p$, $\pi^{\pm} d$ (total only), and $\pi^- p$ collisions as a function of laboratory beam momentum and total center-of-mass energy. Computer-readable data files may be found at `http://pdg.lbl.gov/xsect/contents.html` (Courtesy of the COMPAS Group, IHEP, Protvino, Russia, 1996.)