Fig. 3.— Rotation curve data for NGC 6503. The Hβ data are filled red circles, the stellar rotation data are filled blue triangles (Bottema 1989) and the H I data are hollow purple squares (Begeman 1987). The black curve shows the fit using Eq. 2 to the gas data and the green curve shows the fit to the stellar data. The fitting parameters are: for the black curve, $v_0 = 117 \pm 1$ km s^{-1}, $R_c = 0.88 \pm 0.03$ kpc and $\zeta = 2.1 \pm 0.1$; and for the green curve, $v_0 = 108 \pm 4$ km s^{-1}, $R_c = 0.95 \pm 0.04$ kpc and $\zeta = 3.2 \pm 0.6$. The data have not been corrected for inclination.