



FIG. 1. The velocity field of M33 observed with a resolution of $4'.5 \times 9'.0$ (a) Observed radial velocity field. The contour interval is 10 km s^{-1} . (b) Residual radial velocity field. The contour interval is 3 km s^{-1} . (c) Dispersion in radial velocity. The values plotted are the observed width of the profile between half-intensity points. The contour interval is 10 km s^{-1} .