Plate 12. Spherical nucleus with one active ring: gas and dust distribution when the Sun is on-axis. (a) Gas density and velocity field (Knollenberg, 1994); (b) 1.5-µm-radius grain density (Knollenberg, 1994); (c) enlarged gas density and velocity patterns; in this case, the density isocontours are spaced by a factor 1.055 and the ticks on the horizontal axis are separated by 1 km; notice the whirl in the upper-righthand corner of this panel [A. V. Rodionov (1998), unpublished recomputation of the result shown in (a)].