Plate 13. Spherical nucleus with the three unequal circular areas of Fig. 3c: gas and dust distribution when the Sun is in the direction proposed by Keller et al. (1994). The three panels on the left give log10 of the H2O number density on nucleus-centered spheres with radii 6.05 km (top), 17.49 km (middle), and 144.4 km (bottom). The panels on the right give log10 of 9-µm-radius dust grain number densities on the same spheres. The nucleus radius is 6.00 km (Crifo and Rodionov, 1998).