



FIG. 2. 4.—Typical evolution of the present numerical simulation. Contour lines and arrows represent the magnetic field lines and velocity field, respectively. Elapsed times are $t = 0$ (top-left), $t = 6$ (top-right), $t = 12$ (bottom-left), and $t = 18$ (bottom-right), respectively. Note that part of the calculation region, $(-4, 0) \leq (x, z) \leq (4, 20)$, is displayed.