



Fig. 5. Distributions of $\alpha > 1.3$ defined by equation (12) in the domain of $(-20, -20, 0) \leq (x, y, z) \leq (20, 20, 40)$ are displayed via volume rendering at top panels ($t = 51$), middle panels ($t = 55$), and bottom panels ($t = 60$) for strongly twisted flux tube. Magnetic field lines are displayed in yellow, and the horizontal gray-scale maps represent vertical magnetic flux at $z = 10$. A top and perspective views are presented in the right- and left-hand columns, respectively. Coordinate axes are shown by red (x), green (y), and blue (z) arrows in each panel. The visualization in this figure was performed using VAPOR (Clyne & Rast 2005; Clyne et al. 2007). Units are given by 540 km (length), 49 s (time), 570 G (magnetic field), and $1.9 \times 10^{-8} \text{ cm}^{-1}$ (α). (Color online)