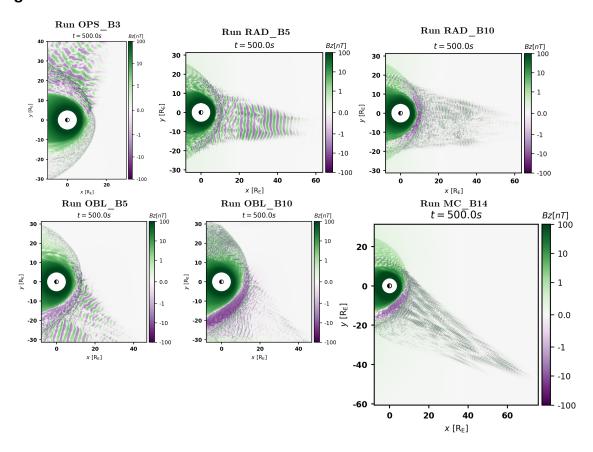


## Supplementary Material

## 1 SUPPLEMENTARY TABLES AND FIGURES

## 1.1 Figures



**Figure S1.**  $B_z$  magnetic field component in the runs under study at t = 500 s from the beginning of the simulation, in the entire simulation domain. This figure is similar to Figure 1 in the paper, but we show here the full extent of the simulation domain in each run.