

[Brownian motion 2: computer](#)[Course](#) > [Week 4](#) > [simulation](#)

> Problem (2-3)

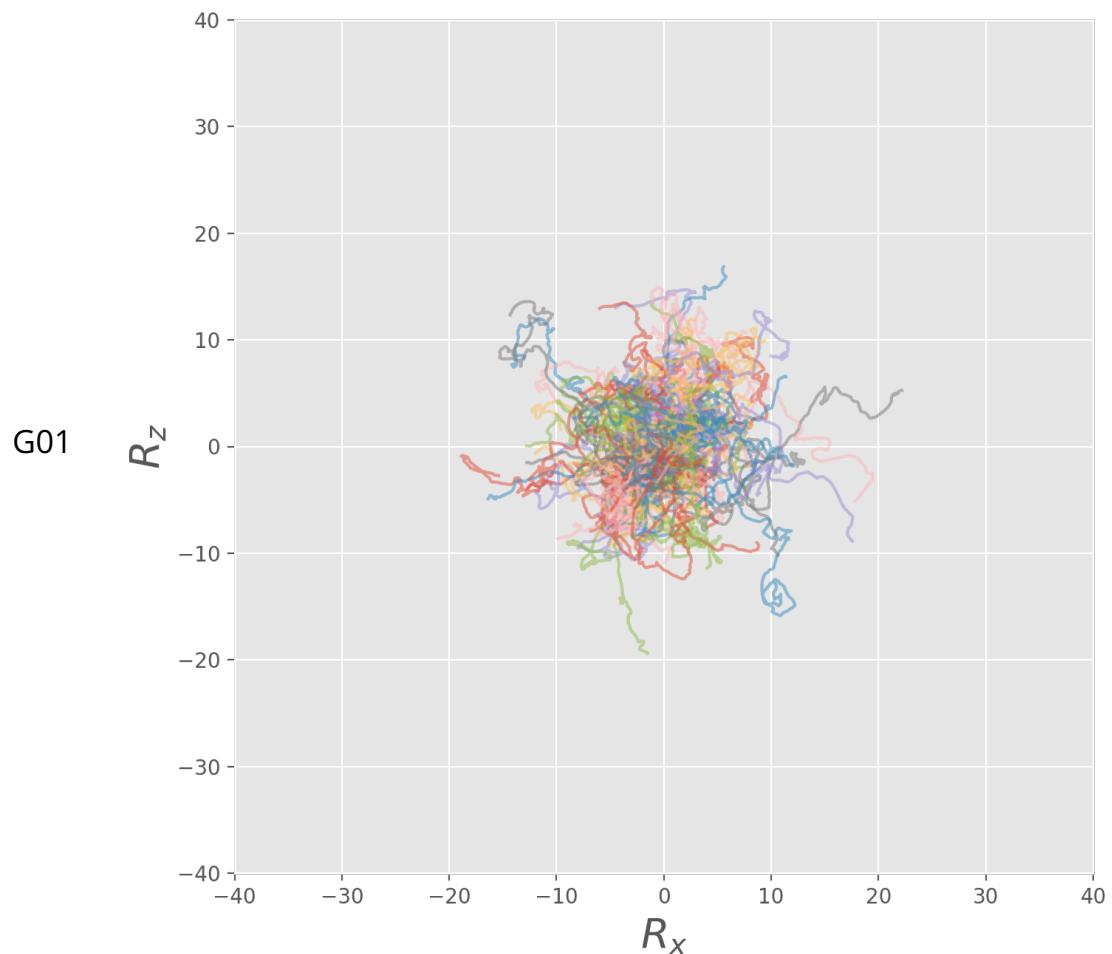
Problem (2-3)

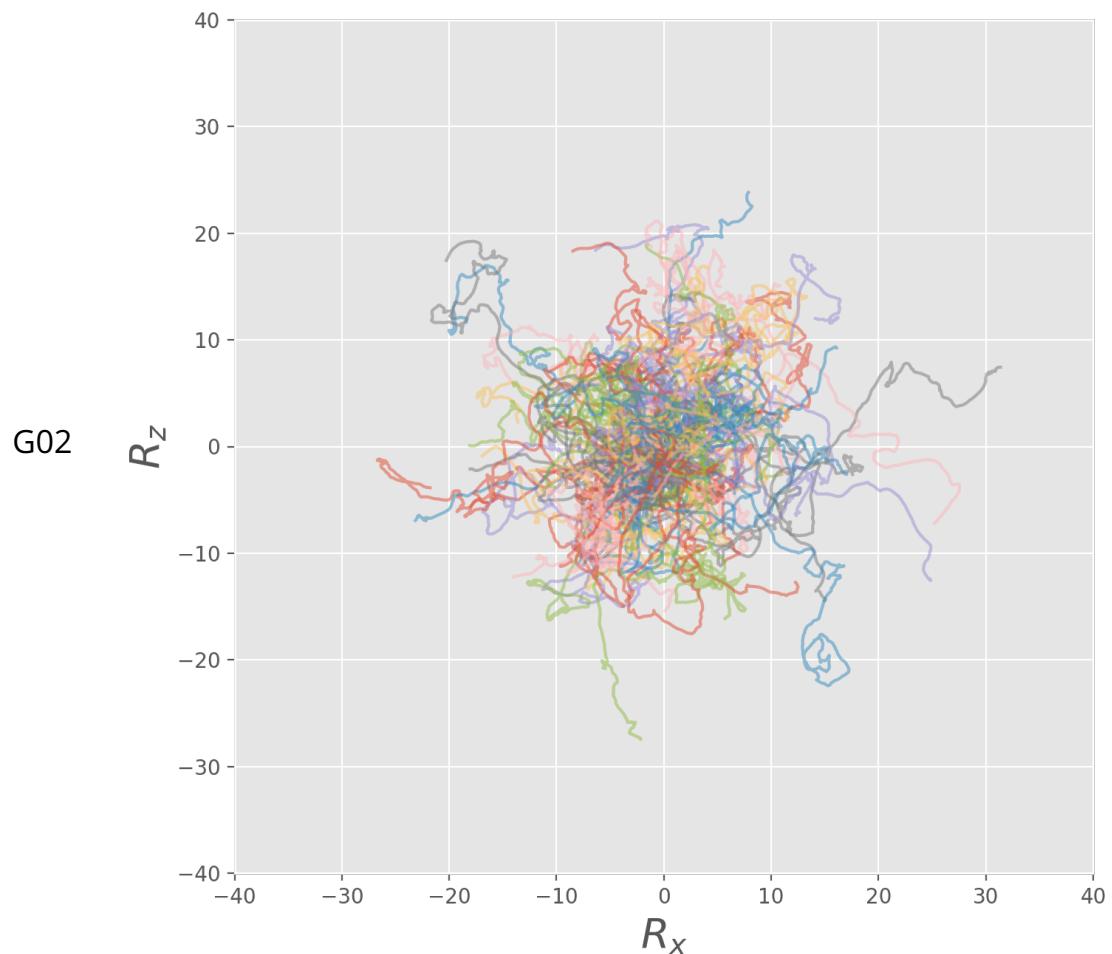
Problem 2

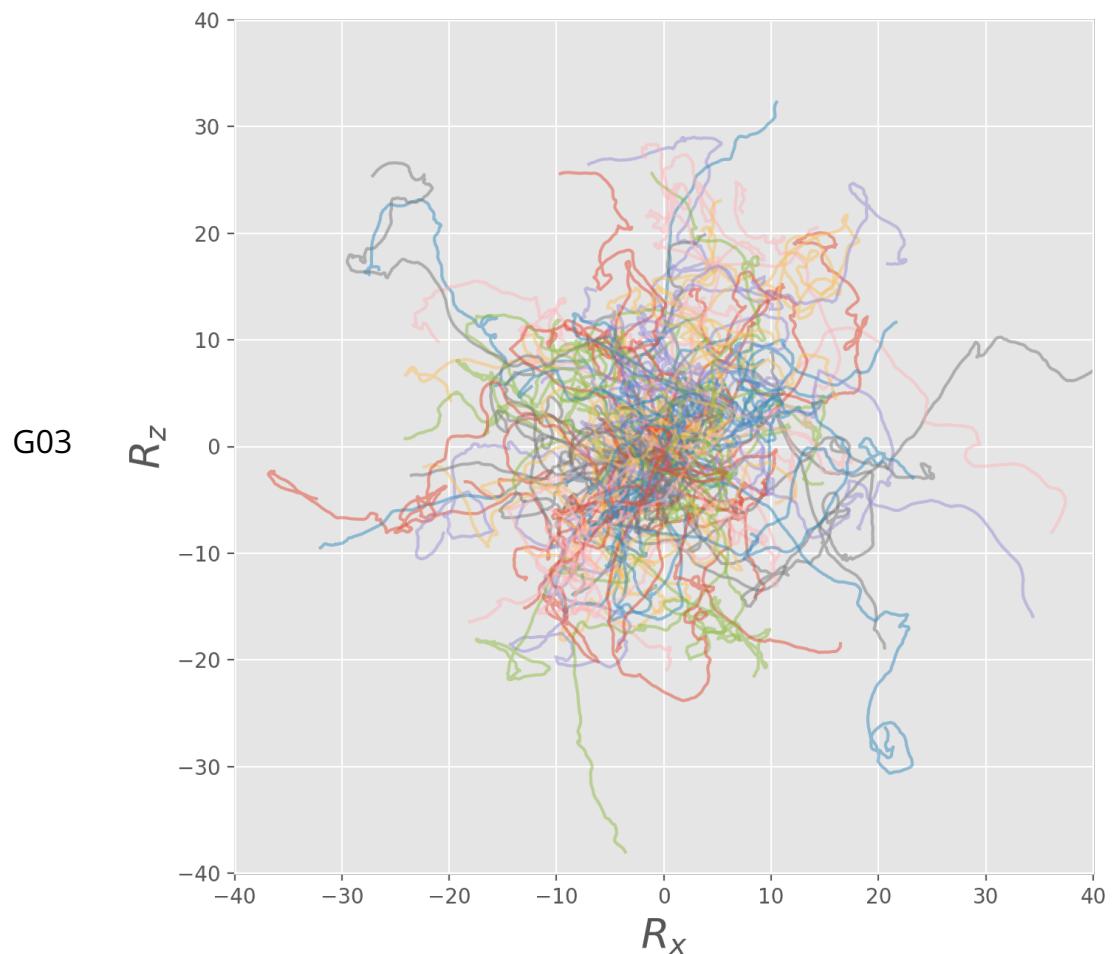
0.0/2.0 points (graded)

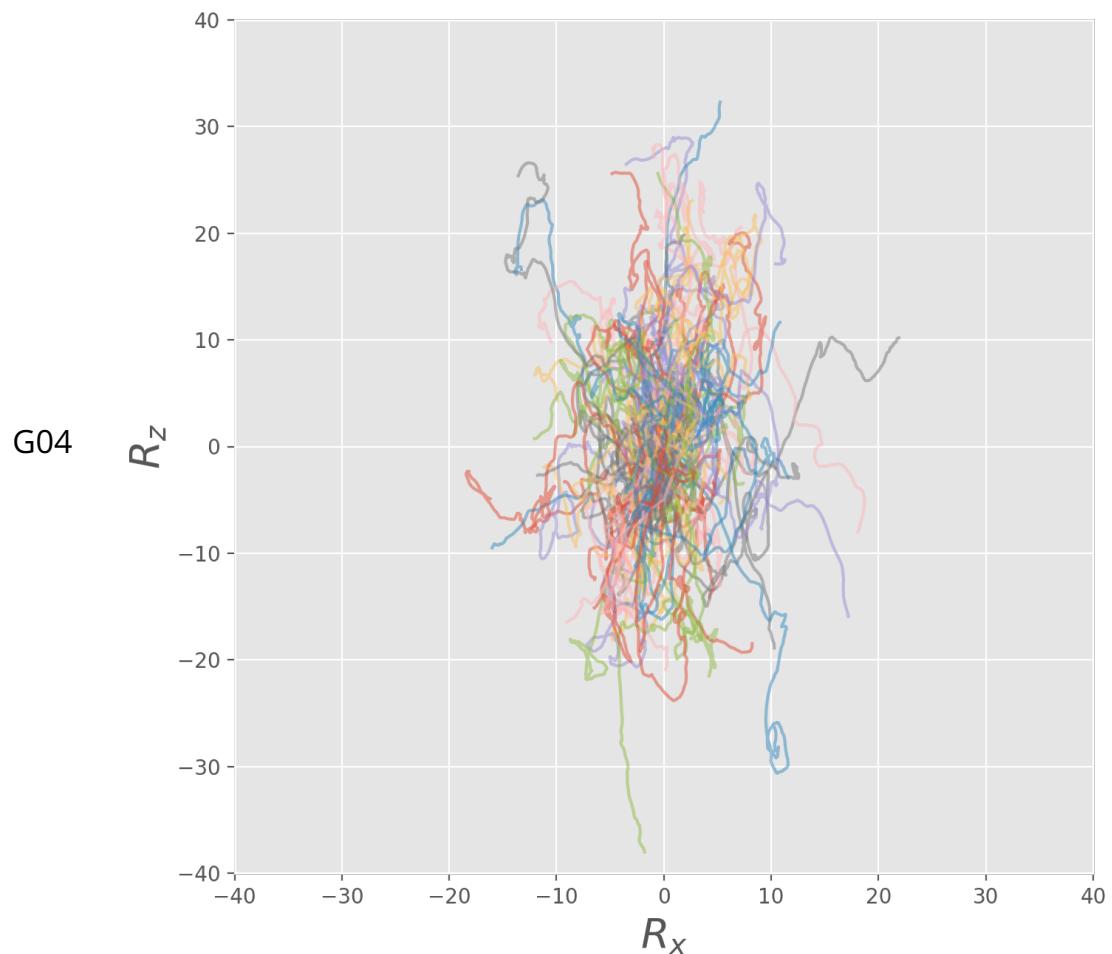
Perform the same simulation presented in the video, using the original code example introduced in Part 2.

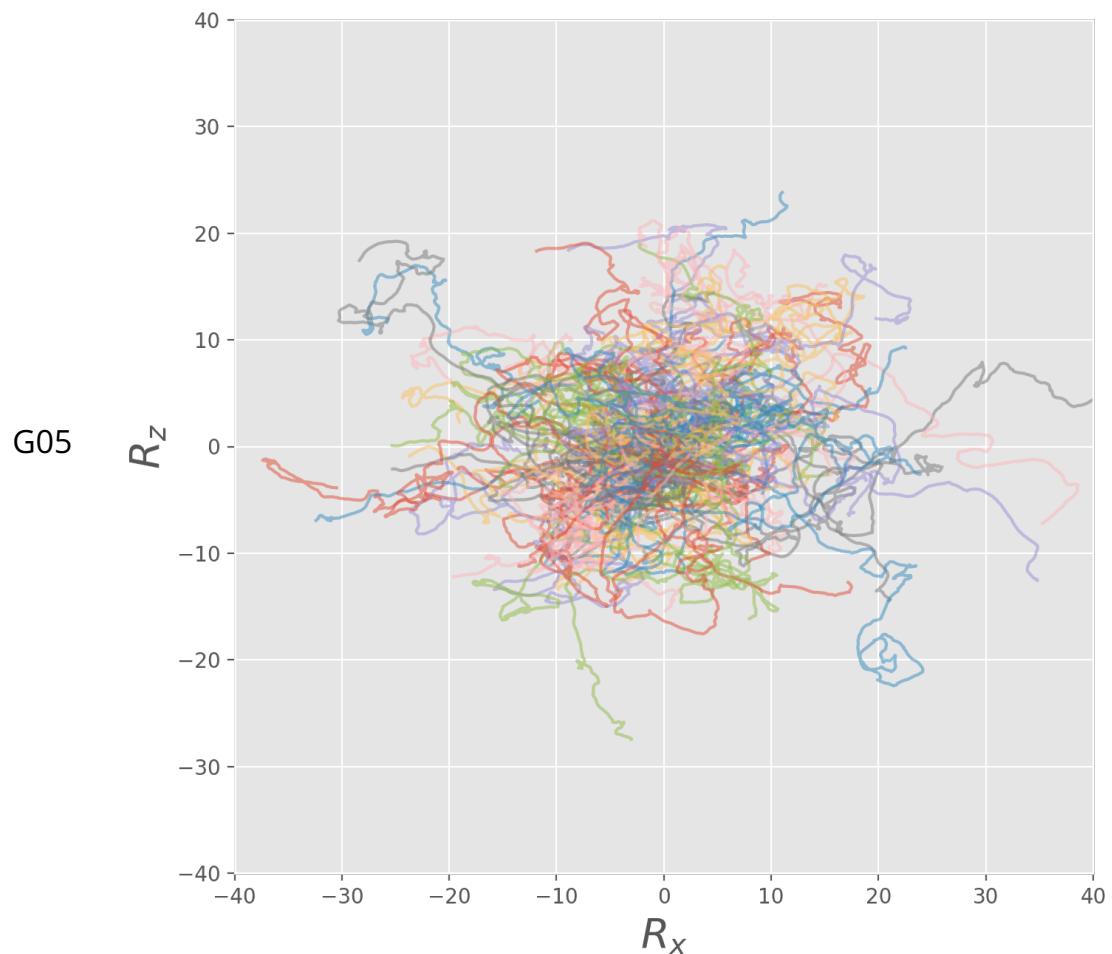
Plot the trajectories of the particles on the 2D x - z plane. Which of the following graphs (G01 - G05) is the closest to what you obtained?









 G01 G02 G03 G04 G05

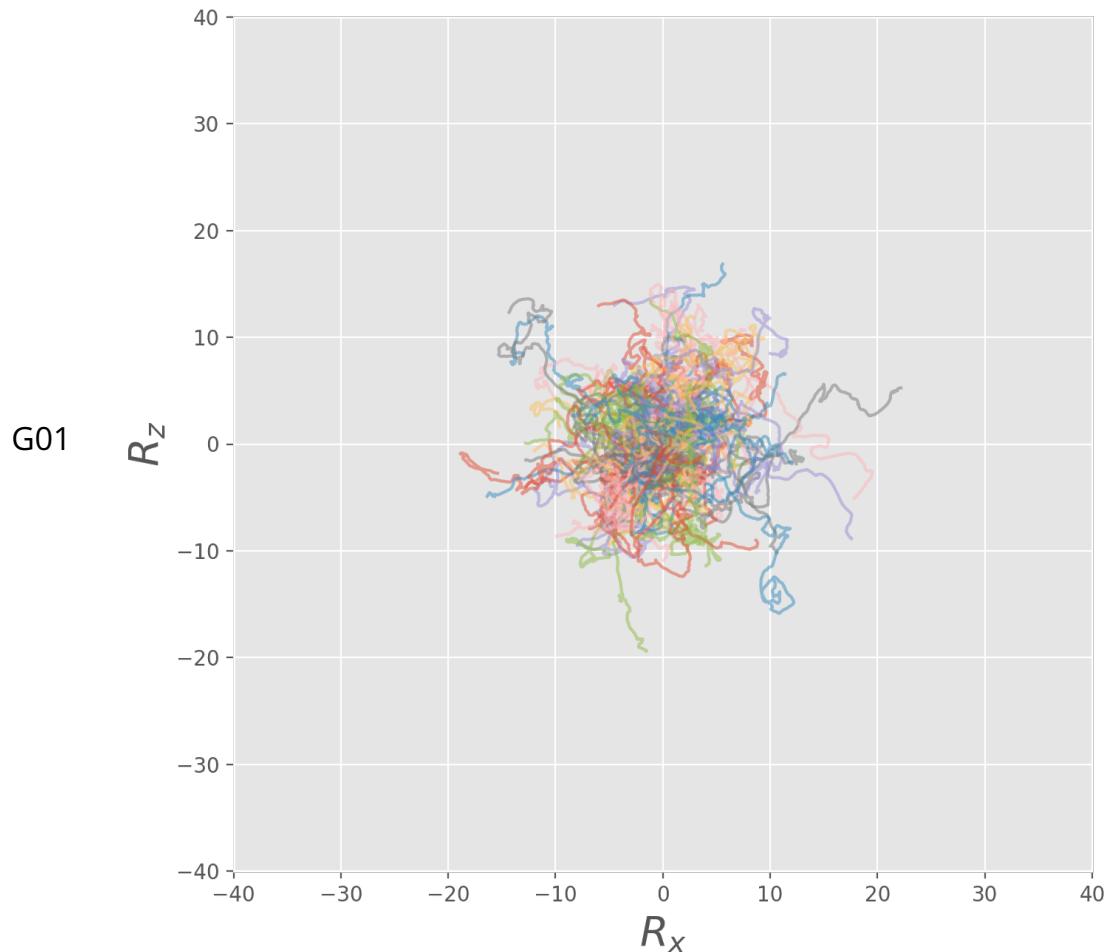
You have used 0 of 2 attempts

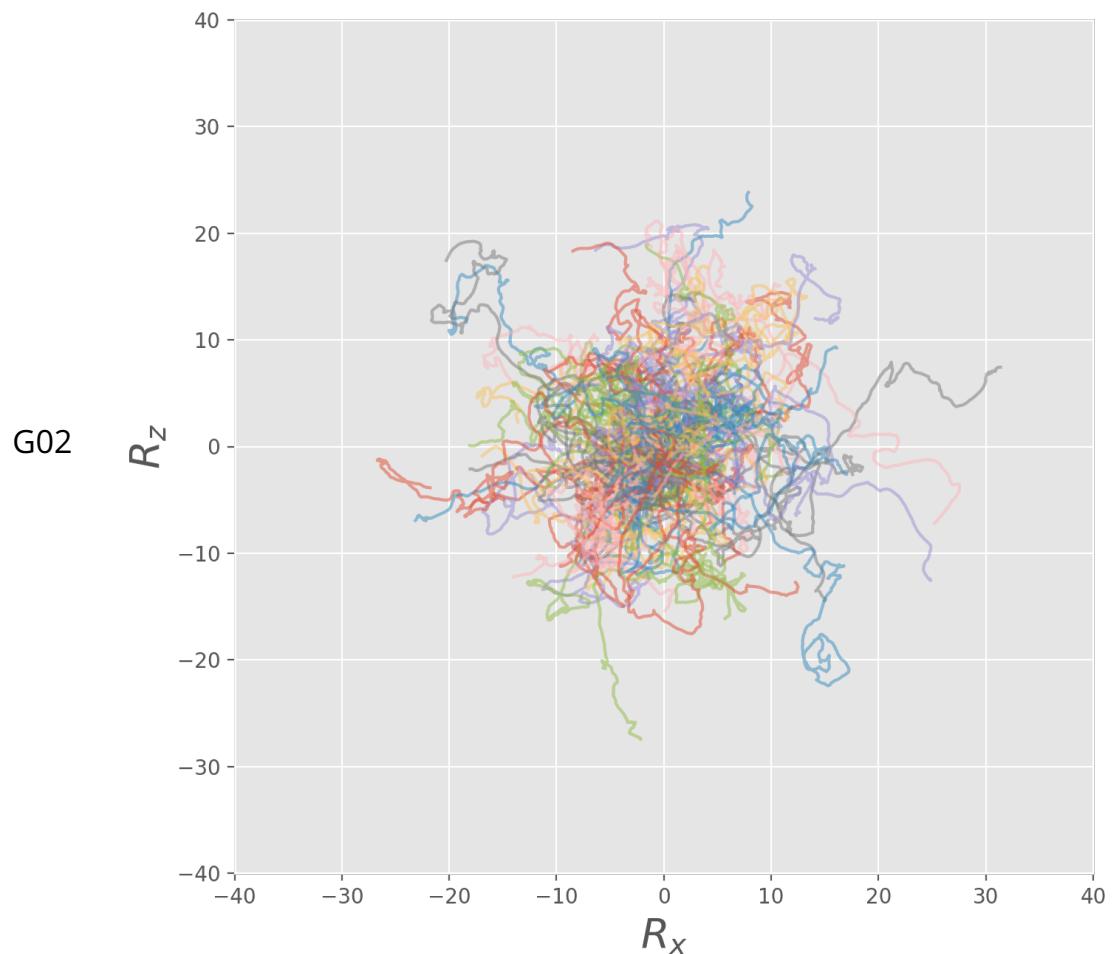
Problem 3

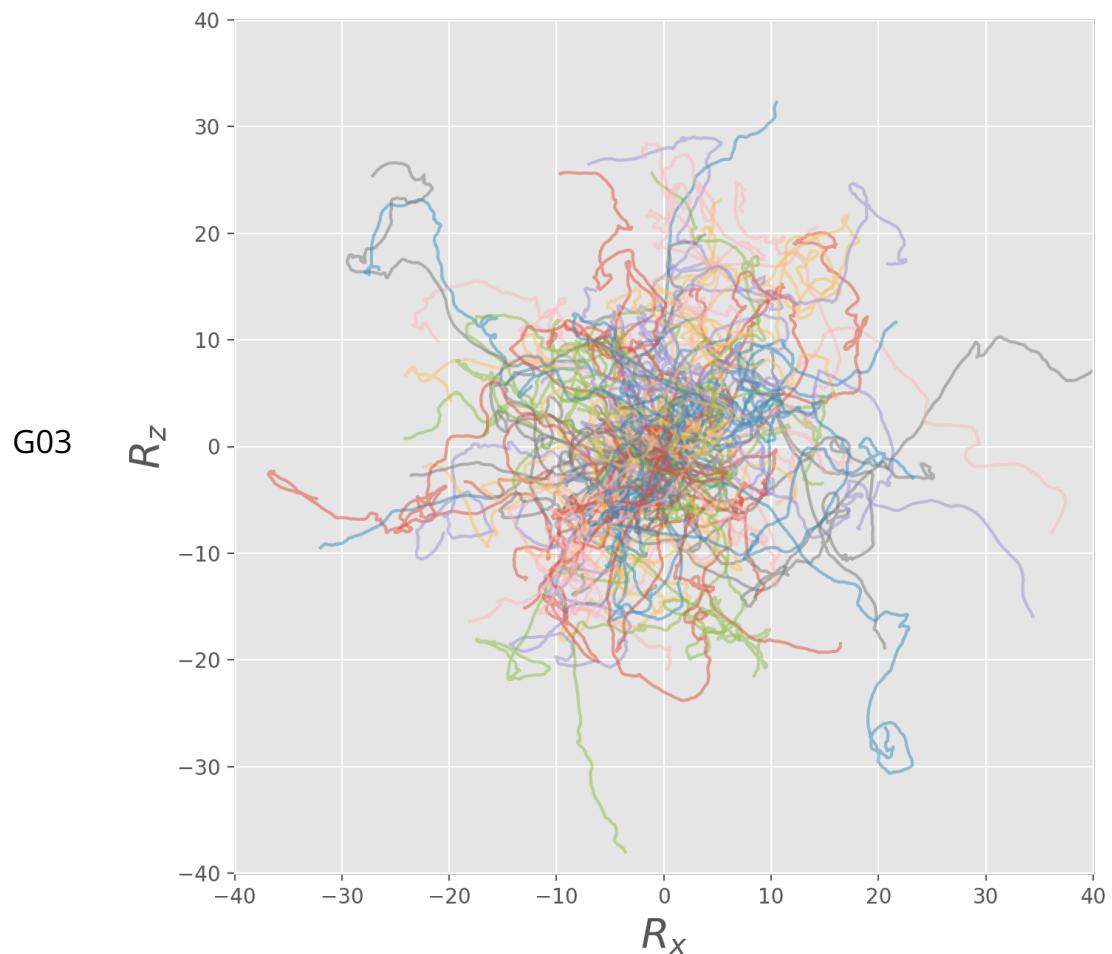
0.0/2.0 points (graded)

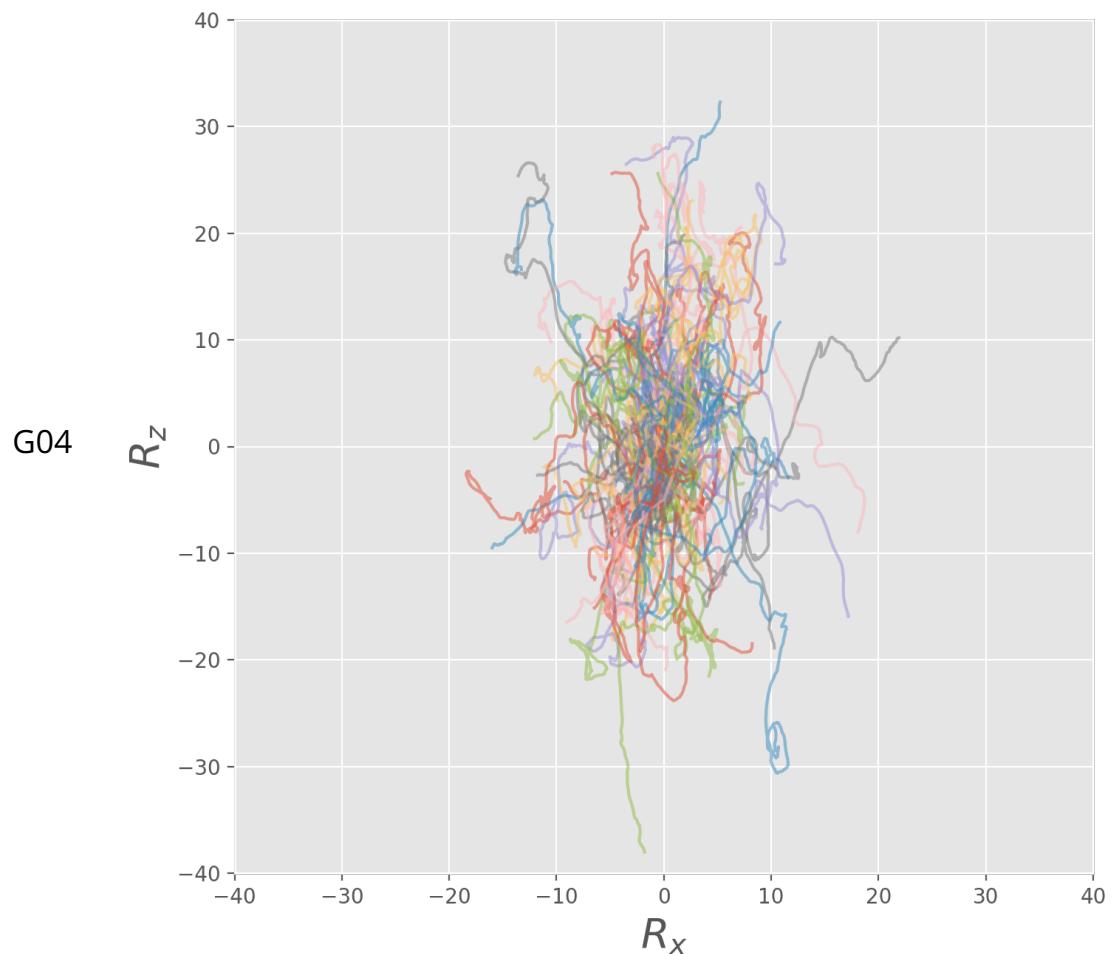
Perform the same simulation presented in the video, using the original code example introduced in Part 2, but this time change the friction coefficient and the thermal energy to be $\zeta = 0.5$ and $k_B T = 0.5$, respectively.

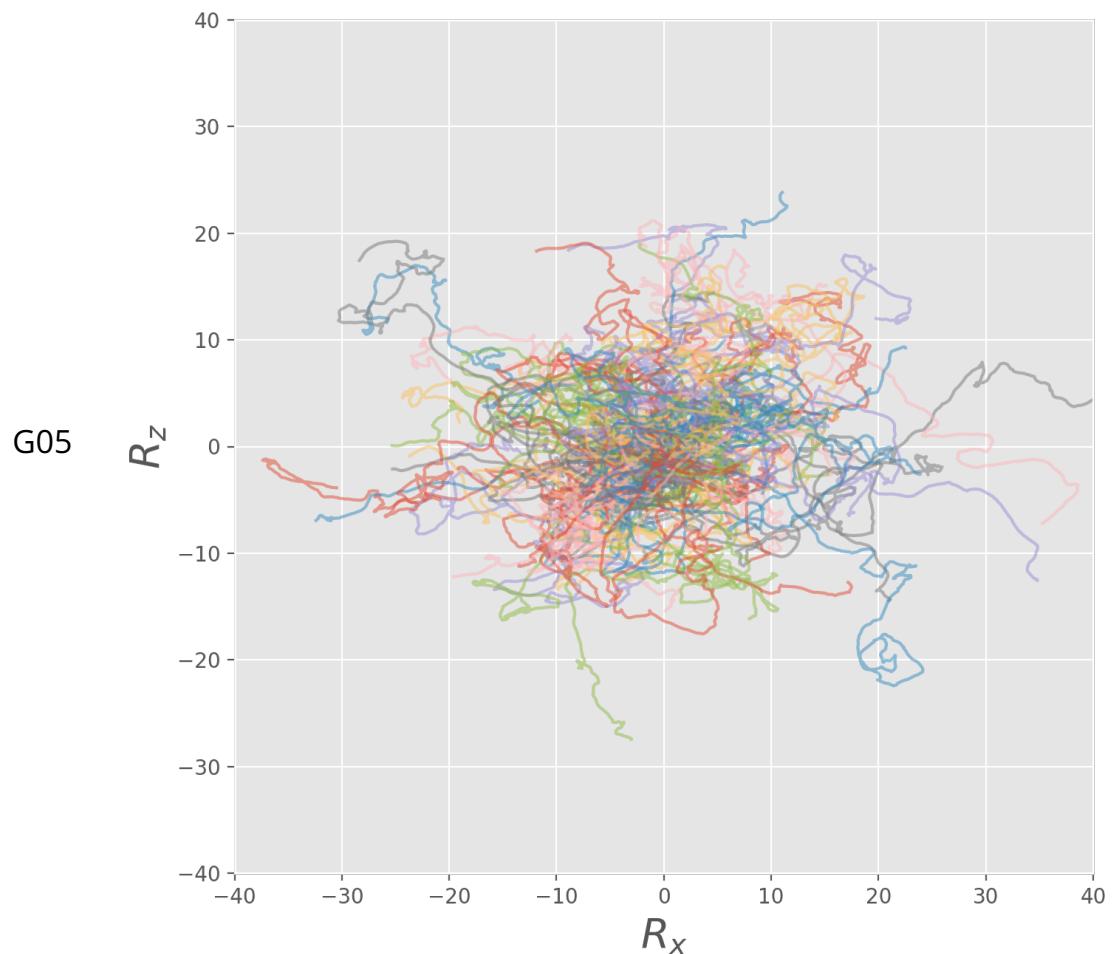
Plot the trajectories of the particles on the 2D x - z plane. Which of the following graphs (G01 - G05) is the closest to what you obtained?









 G01 G02 G03 G04 G05

You have used 0 of 2 attempts

