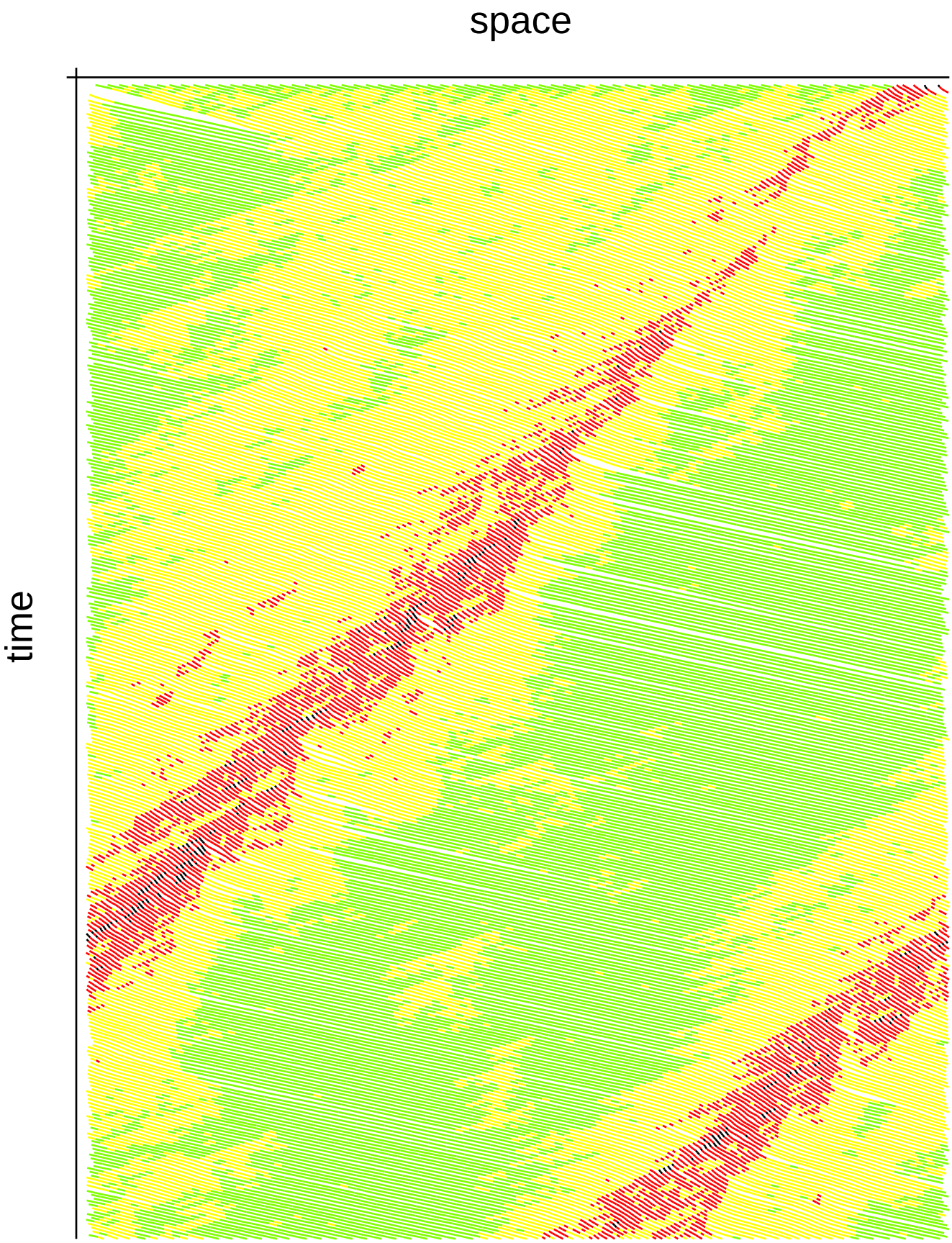$\rho = 0.155556$, N = 70 , vmax = 5, pbrake = 0.5, ruleset: smooth braking