MPhys Report correction

In my analysis, I compared the results of figure 7(a) with those of Rees Jones and Worster (2013) figure 15(a) and Wells, Wettlaufer, and Orzsag (2013) figure 5(a). In both of these studies, the authors plotted the maximum solute flux as a function of Rm, which produced a linear relationship in planar geometry and a nonlinear relationship in axisymmetry. In my figure, I instead plotted the solute flux at fixed R which is roughly linear, but didn't notice that what I was plotting was different from previous authors. I concluded that my results did not display the expected nonlinearity because they are at large Rm, where the effect is lessened. This is incorrect. The reason my plots differ from those of Rees Jones and Worster is that I plotted a different quantity. If I had actually plotted maximum solute flux, I would indeed have seen a nonlinear relationship. It is possible to see this in figure 7(a); join up the points with greatest F/R at each Rm, and you see that the gradient of the curve you are drawing is increasing.