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## Anisotropic cosmic ray propagation

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We present some results obtained with the anisotropic version of the CR propagation package DRAGON.

First we describe some quantitative test of the code in simple conditions for which the analytical solution of CR transport is known, both for a the case of a dominant parallel or perpendicular diffusion.

Then we show that, for the first time, we are able to reproduce the most important CR observables (namely, proton spectrum and light nuclei ratios), in a fully anisotropic setup for different values of the parallel/perpendicular diffusion coefficient ratio, and within a realistic 3D model of the Galaxy where a spiral regular magnetic field is considered.

We also show some preliminary results of the impact of spatial variations of both parallel and perpendicular diffusion coefficients on the CR spatial distribution, and show how it is possible to solve the CR gradient problem

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