

## Interactive comment on "Towards a muon radiography of the Puy de Dôme" by C. Cârloganu et al.

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We thank the referees for their remarks and corrections which have been included for the revised version of the paper.

Concerning the contamination from vertical showers, preliminary studies meant to estimate this effect are reported by Bene et al., in the same proceedings. Unfortunately, they are still ongoing and we could not quote a quantitative estimate. Concerning the contamination from backscattered low energy particles we did not realize its importance until the MNR 2012 Workshop. We thank the referees, and workshop colleagues, for pointing out this problem. We are working on a detailed simulation scheme which would allow a more quantitative estimate of these two sources of contamination.

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