

Interactive comment on “High-resolution records of the beryllium-10 solar activity proxy in ice from Law Dome, East Antarctica: measurement, reproducibility and principal trends” by J. B. Pedro et al.

Anonymous Referee #1

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The paper by J. B. Pedro et al. “High-resolution records of the beryllium-10 solar activity proxy in ice from Law Dome, East Antarctica: measurement, reproducibility and principal trends” provides interesting data about the distribution of natural 10-beryllium isotope and verification of 10Be variability on short time scale. The paper is well written and represents a good addition to the understanding of changes in 10Be in ice cores. There are a few things that need to be corrected: 1. References in text (e.g. page 3) should be in order of publication year. 2. The value of Be-carrier is given in g in the text (page 7) and mg in the Fig. 2 3. Check line 5 from bottom of page 19

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