

Interactive comment on “Dynamics of He⁺⁺ ions at interplanetary shocks” by Olga V. Sapunova et al.

Anonymous Referee #1

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The authors of the article “Dynamics of He⁺⁺ ions at the interplanetary shocks” use data from the BMSW instrument installed on the SPEKTR-R satellite to correlate the parameters of H⁺⁺ with the shock parameters. The authors state in their article that “The present preliminary results were obtained with a small number of events and require further research”. I fully agree with this statement and my recommendation is to complete their analysis and use a numerical code to understand better the physical process underway in the shock vicinity.

The article is not yet suitable for publication in its present form.

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