



## ***Interactive comment on “Dynamics of He<sup>++</sup> ions at interplanetary shocks” by Olga V. Sapunova et al.***

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Received and published: 24 March 2021

The comment was uploaded in the form of a supplement:  
<https://angeo.copernicus.org/preprints/angeo-2020-72/angeo-2020-72-AC3-supplement.pdf>

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Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2020-72>, 2020.