

Interactive comment on “Non-locality of the Earth’s quasi-parallel bow shock: injection of thermal protons in a hybrid-Vlasov simulation” by Markus Battarbee et al.

Markus Battarbee et al.

markus.battarbee@helsinki.fi

Received and published: 11 September 2019

Unfortunately, the axes and labels in Figure 6 of the discussion manuscript have fallen victim to some kind of encoding error and have become illegible. Please accept our apologies for this, and find the original Figure 6 attached to this message. Following revisions of the manuscript shall be double-checked to ensure the images are correctly embedded.

Best regards,
Markus Battarbee & co-authors

[Printer-friendly version](#)

[Discussion paper](#)



Figure 6: Test-particle injection probabilities for six different solar wind frame initialization energies and a 0.5 MK Maxwellian initialization and five different parameters. Left column: S1. Right column: S2. Rows 1 and 2 show properties of particles, namely the pitch-cosine $\mu = \cos(\alpha)$ and the incidence angle. Rows 3 through 5 show shock properties, namely the local bow-normal angle $\theta_{Bn'}$, the local shock porosity, and the impact position nose angle. Error bars are provided by the Agresti-Coull method with a 95% confidence interval.

Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2019-115>, 2019.

[Printer-friendly version](#)

[Discussion paper](#)



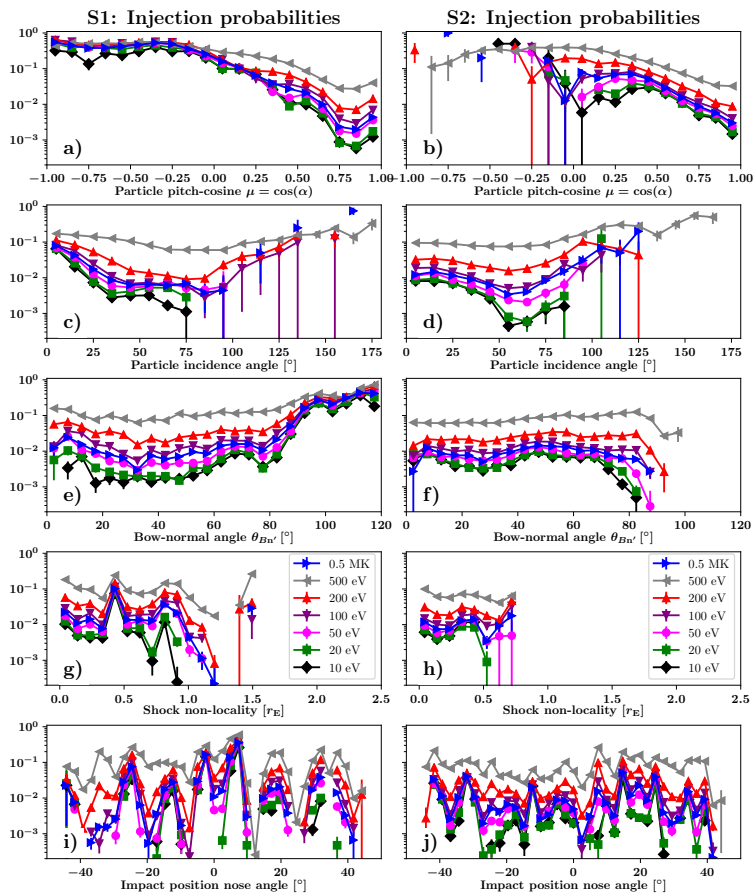


Fig. 1. Figure 6 of manuscript

Printer-friendly version

Discussion paper

