Erratum: Evolution of the ion environment of comet 67P during the *Rosetta* mission as seen by RPC-ICA

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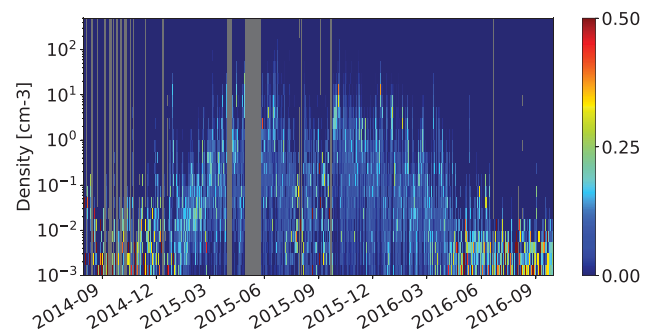[10]*Swedish Institute of Space Physics, Uppsala*

The article 'Evolution of the ion environment of comet 67P during the *Rosetta* mission as seen by RPC-ICA' (Nilsson et al. 2017) was published in MNRAS 469 (3), S252–S261, 2017. Here we correct an error related to Fig. 2 of the original manuscript. Due to an error in the data processing used to produce that figure, the indicated densities are too high. A corrected figure is shown in this erratum. The figure was intended to provide an overview of observed densities of accelerated water ions, the error did not influence the conclusions of the paper.

REFERENCE

Nilsson H., et al., 2017, MNRAS, 469, S252

Figure 2. Daily colour coded histograms of occurrence rate of different density estimates for cometary ions with an energy above 100 eV. We do not try to estimate the density from RPC-ICA data at lower energy here, as the angular coverage is worse and effects of spacecraft potential and uncertainty in the precise energy scale matters at low energy. The *y* axis shows the density [cm^{-3}], while the *x* axis shows Universal Time.

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