

## Parameter Table

Name	Descriptions
data_N	Voltage values from measurements (filtering raw data).
md_N	Voltage values from model fitting (from equations in Sec. 3).
md_T	Time series from model fitting, identical to xt_T.
Q_IMP	Total Impact Charge, model fitting value.
Qe_col	Charge of collected electrons, model calculation.
Qe_esc	Charge of escaping electrons, model calculation.
Qi_col	Charge of collected ions, model calculation.
Qi_esc	Charge of escaping ions, model calculation.
Raw_v_offset	Correction value to compensate vertical offset from the beginning of dust impact.
time_offset	Correction value to compensate horizontal offset from the beginning of dust impact.
xt_T	Time series from measurements.