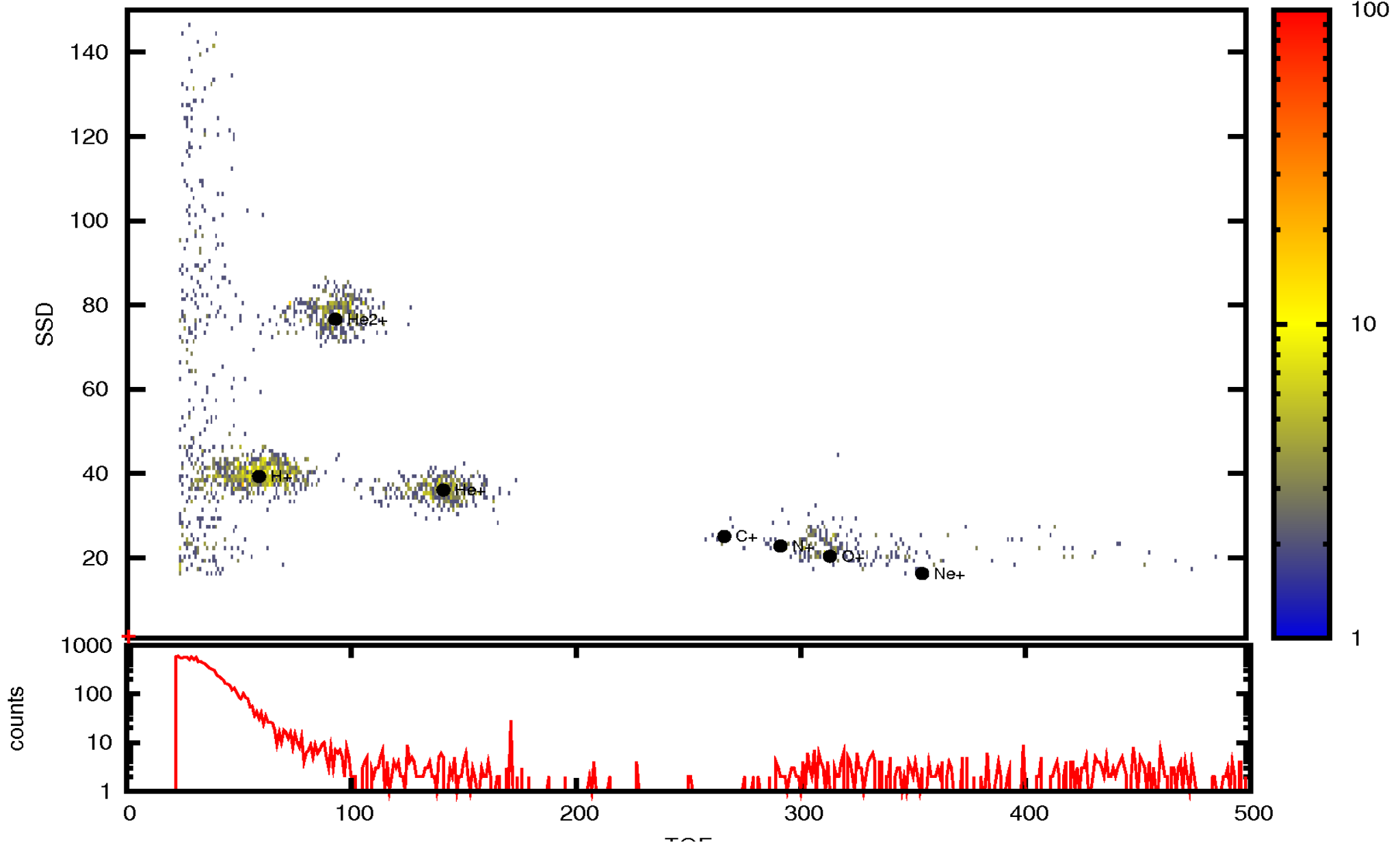

Observation of Neon in the Helium focusing cone at 1 AU

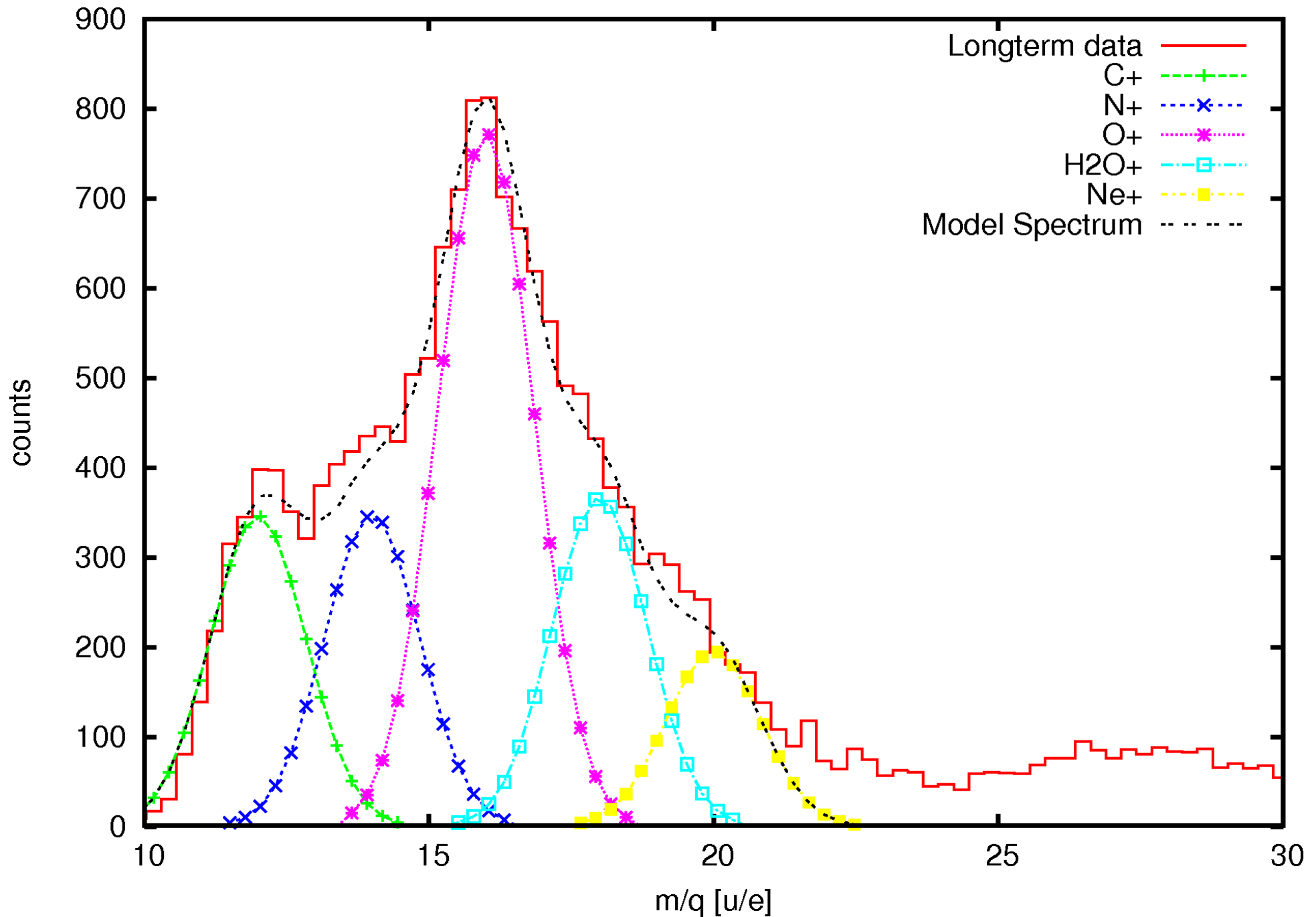
*Christian Drews, Lars Berger, Robert F. Wimmer-Schweingruber,
Antoinette B. Galvin, Berndt Klecker, Eberhard Möbius*

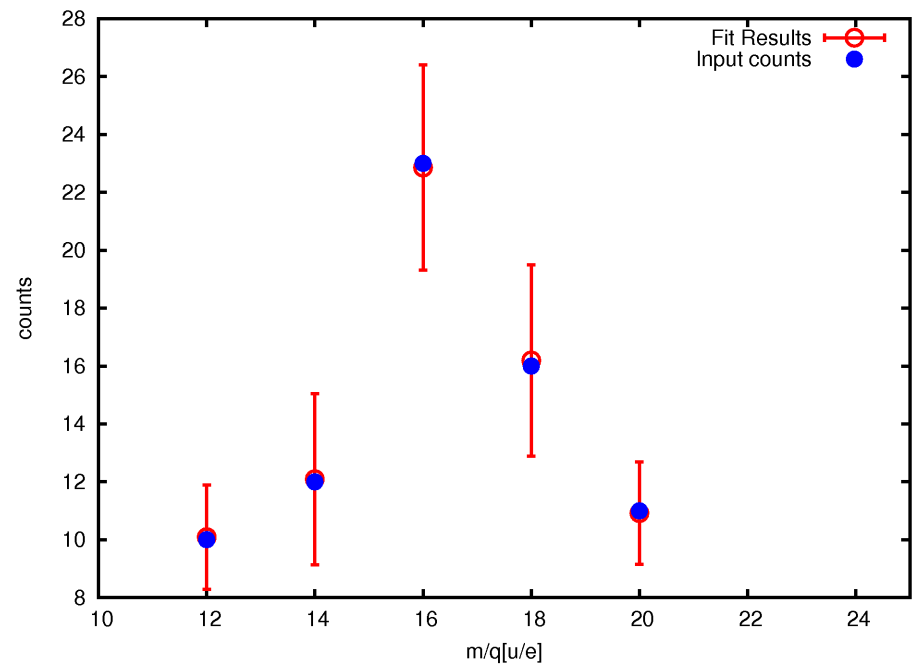
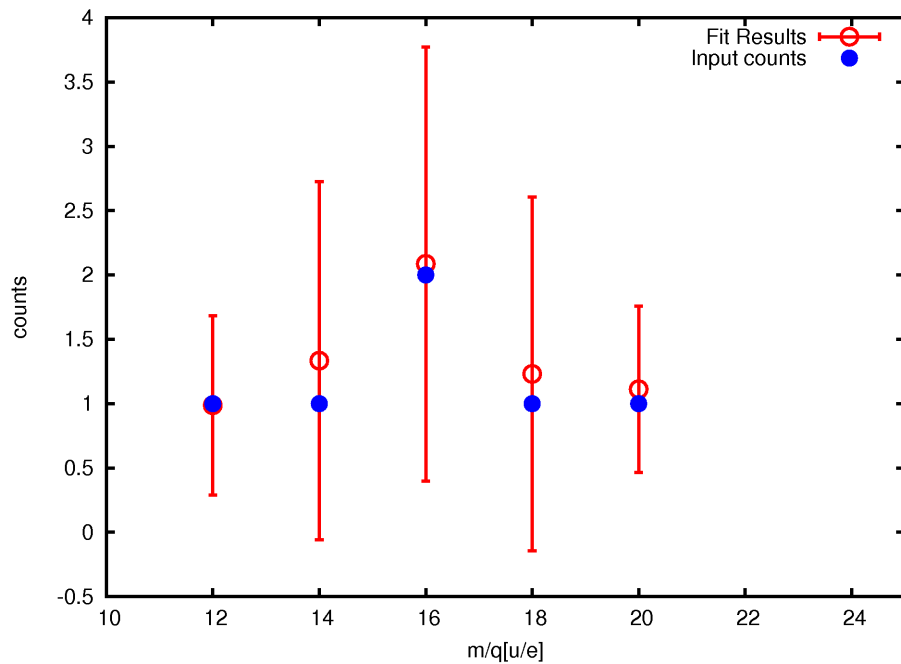
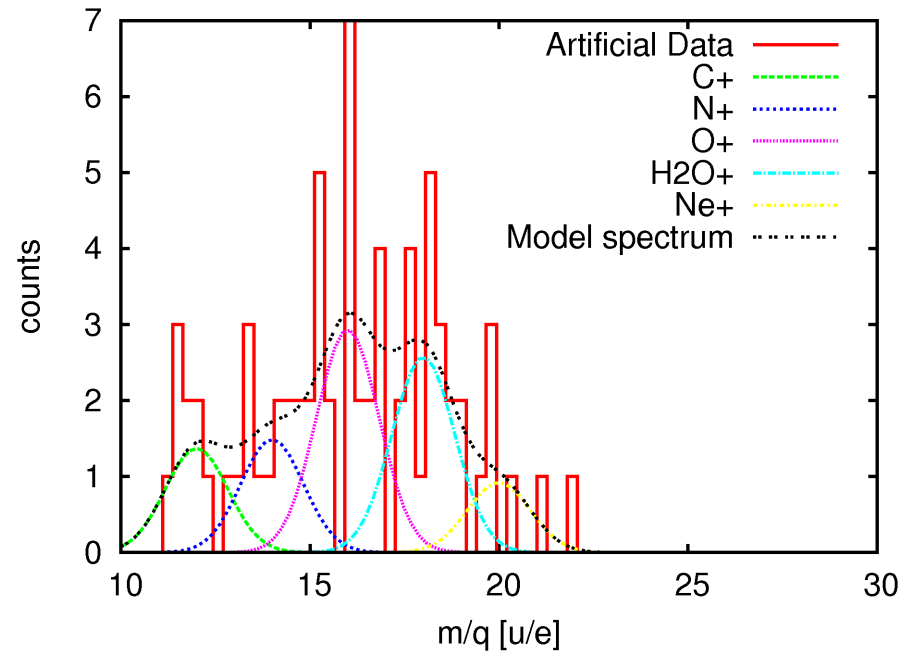
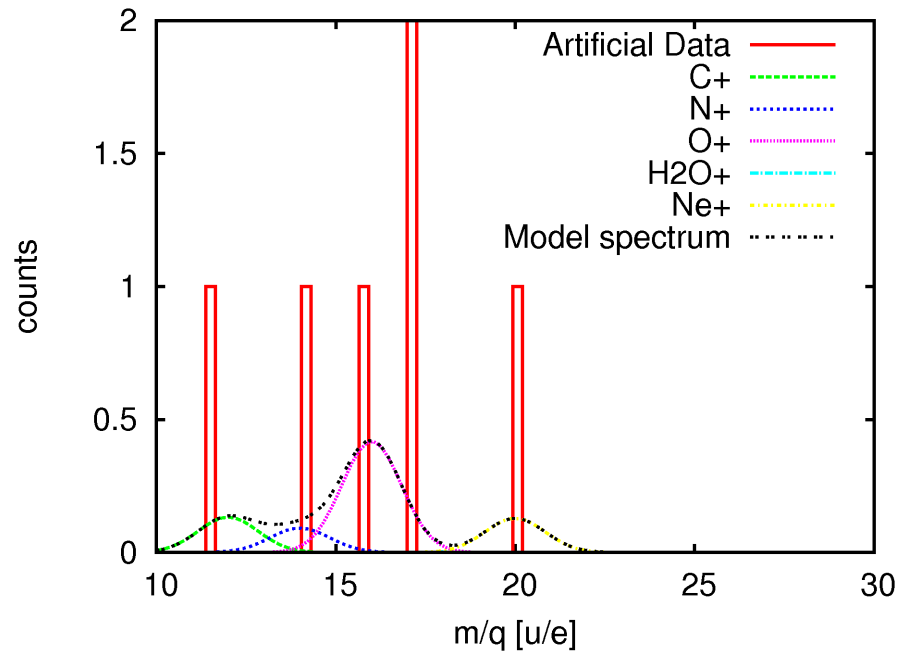
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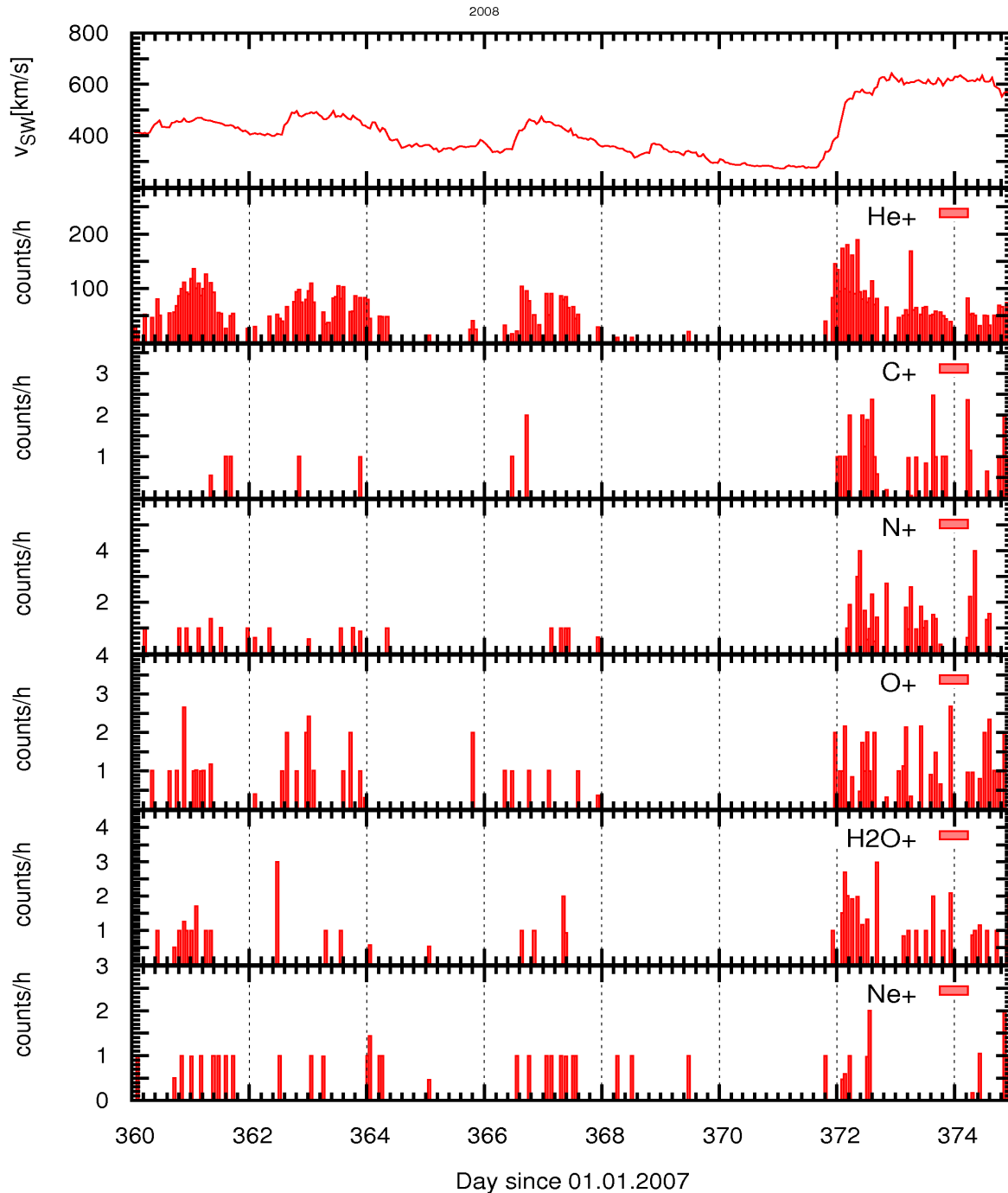
- PUI Analysis with PLASTIC
- Fit routine for heavy PUI classification
- Heavy PUI time series
- Conclusions

ET MATRIX on ESA 5









Correlation of counts with the solar velocity caused by two effect:

1. Efficiency:

- Varying solar wind velocity over time, which causes a varying detection efficiency

2. Instrumental cut-off:

- PUIs can be detected in a range of $E_{Thresh} - E_{max}$ which causes a different coverage of velocity spectra for different species.

