



Figure 4. Histograms in % of (a) solar wind dynamic pressure, (b) Auroral Electrojet, and (c) SYM-H indices. The gray dashed lines are the occurrence during the entire times that both probes spent inside the magnetospheric tail between the two magnetopause borders (tail crossing). Magenta colors are associated with the data during the time intervals of 12 hours before until the moment the heavy ions observed at the tail. Other colors are associated with longer times until the start of observation mentioned in the legend of panel (a).