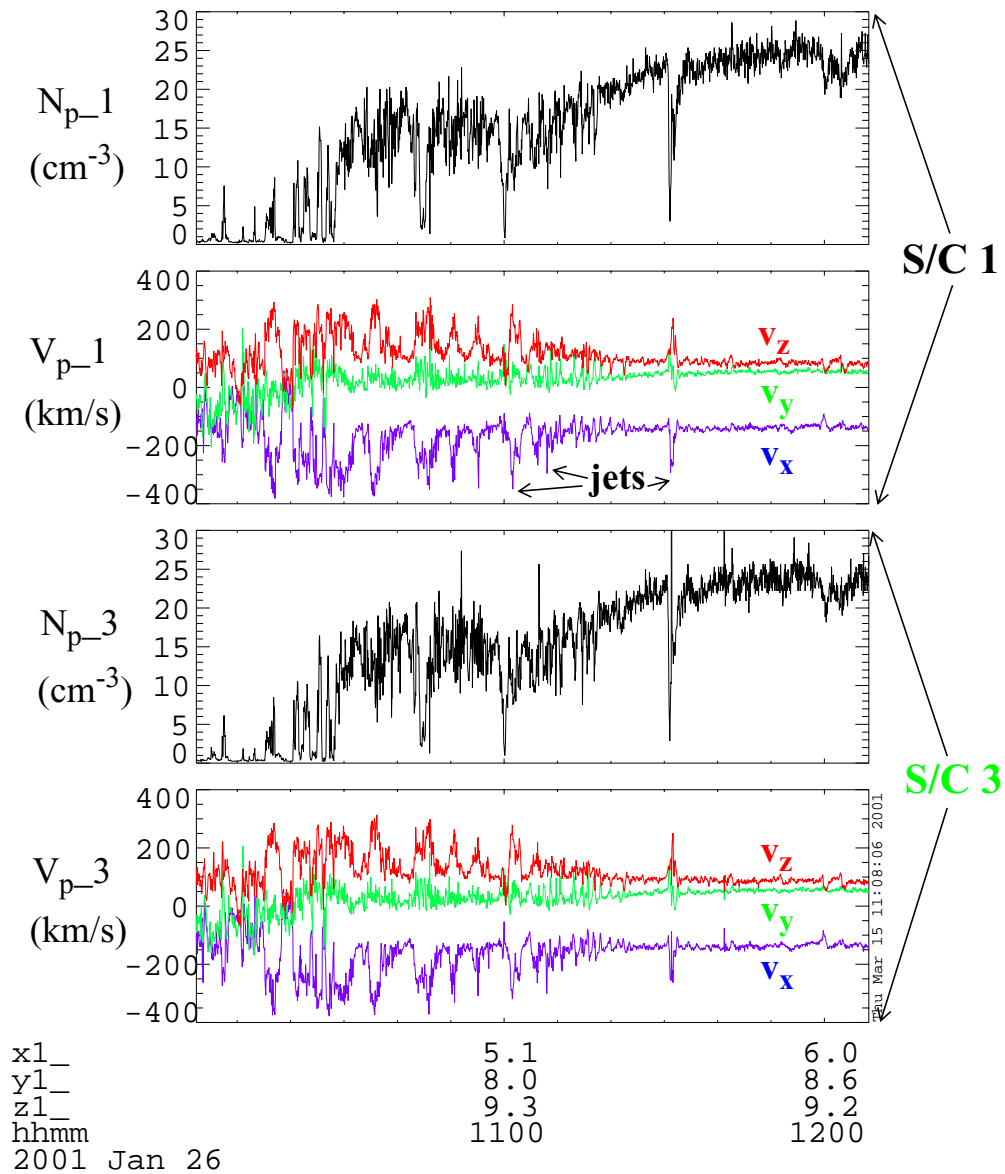
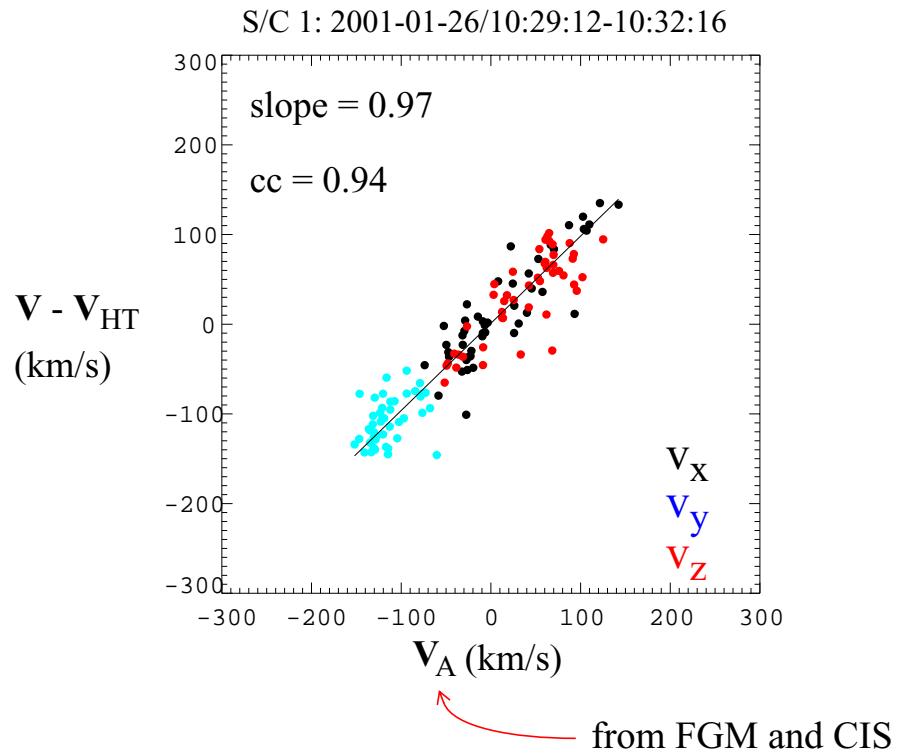


Occurrence of Reconnection at the Flank Magnetopause: 2001-01-26



- * Multiple crossings of the magnetopause (MP) by all spacecraft
- * Repeated detection of plasma jets by CIS at the MP
- * Evidence for reconnection: Plasma jets at Alfvén speed (from **FGM**)

Walén Test of Reconnection



Reconnection theory: $V - V_{HT} = V_A$

Observed: $V - V_{HT} = 0.97 V_A$