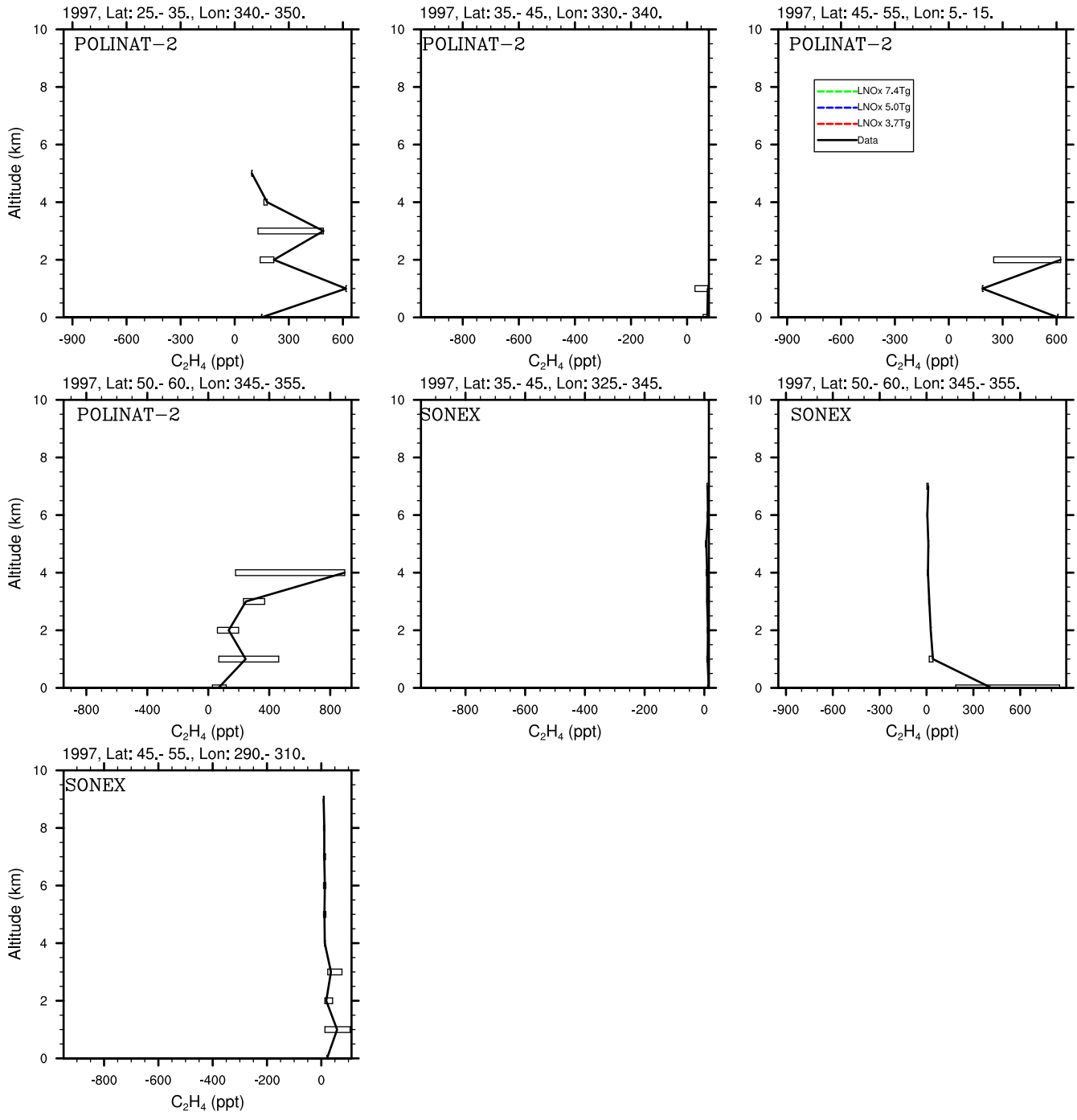Northern Hemisphere Midlat SON C_2H_4