Microburst Time of Flight Dispersion

Mykhaylo Shumko 2023-02-02

Inverse dispersed microbursts

Hypothesized by a time of flight model in Miyoshi et al., (2010) and Saito et al., (2012)

I stumbled into them. Surprisingly I did not find them when I looked for them in ~2016.

I identified microbursts using the burst parameter and fit all of the microbursts with a Gaussian + linear trend.

R^2 and adj R^2 are the quality of fits

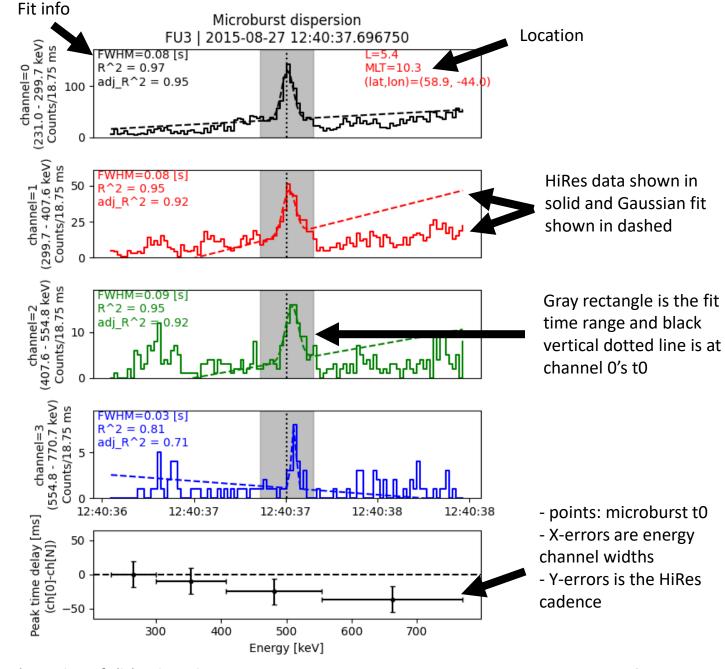
Inverse dispersed microbursts

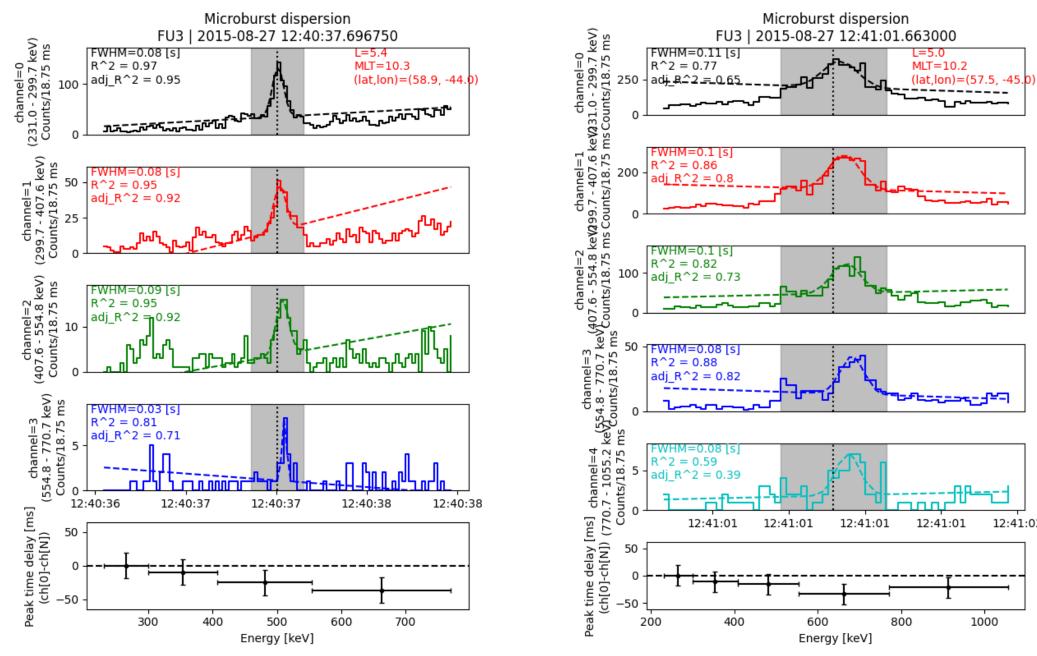
Hypothesized by a time of flight model in Saito et al., (2012)

I stumbled into them. Surprisingly I did not find them when I looked for them in ~2016.

I identified microbursts using the burst parameter and fit all of the microbursts with a Gaussian + linear trend.

R^2 and adj R^2 are the quality of fits





12:41:02

