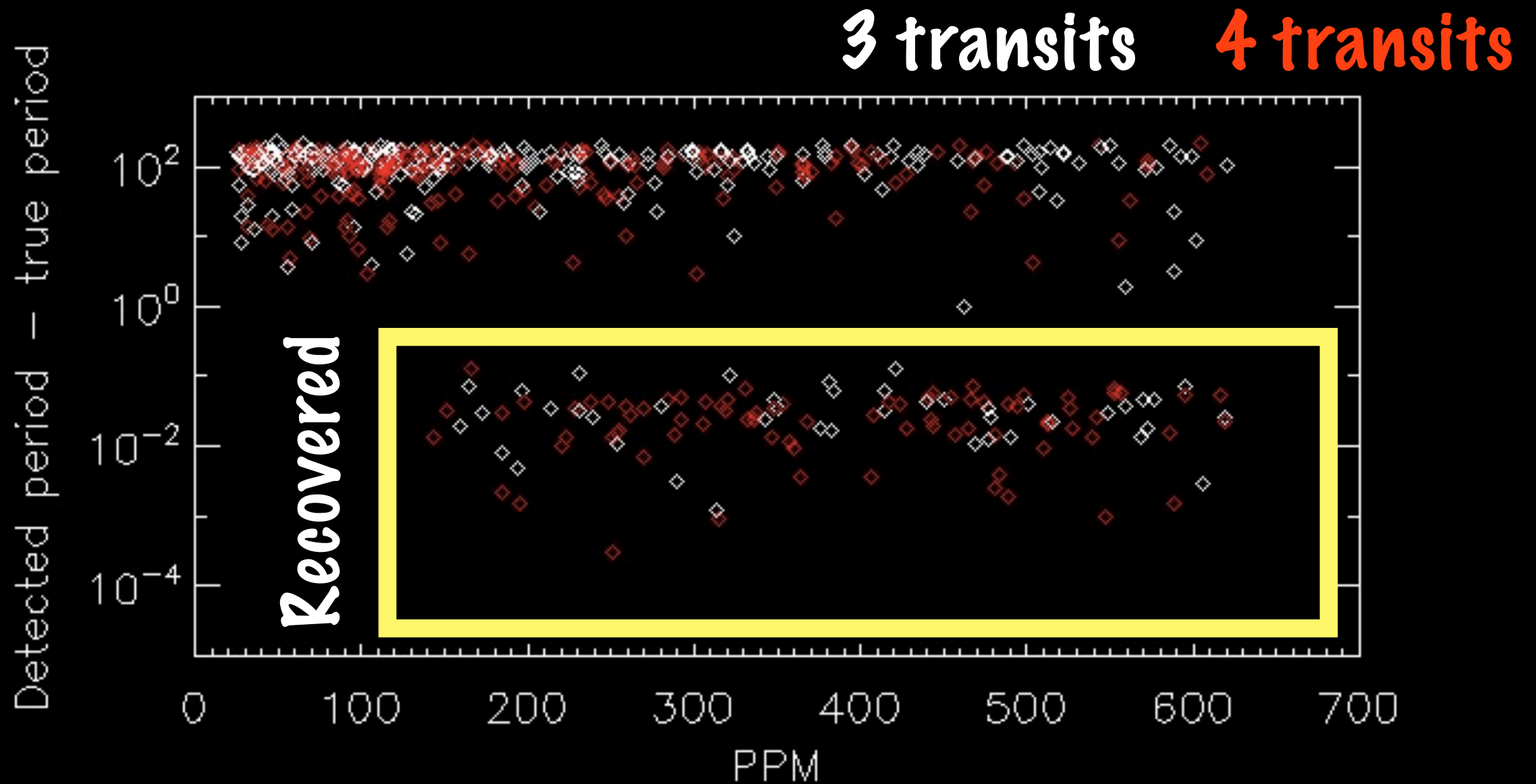# Recovering Dan's injected planets

Bekki

Overview

- Follow same procedure as for pound stars

- Do not search stars with known KOI or eclipsing binary

- Only compare for cases in which three or more transits occurred not in gaps

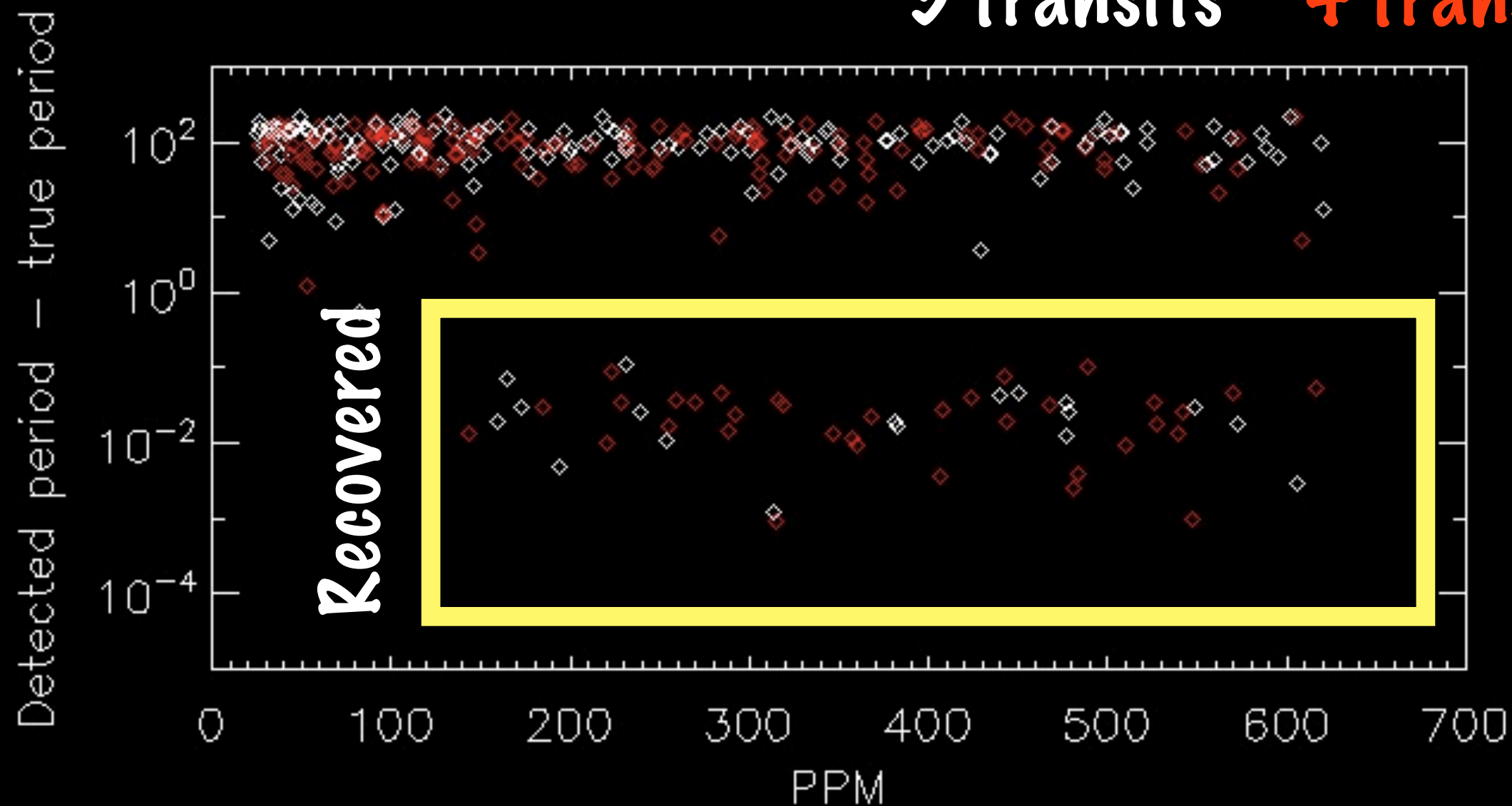- 561 comparisons so far (may be on same module)

Chi^2: 23% Recovered

Wavelet: 15% recovered

3 transits   4 transits

To Do

- Investigate whether those not recovered were detected but not the strongest signal

- If so, create iterative process of removing strongest signal

- Investigate why wavelet likelihood isn't helping; maybe too general and need priors on coefficients

- Compare to Ruth and Billy, who are working on this using the classic BLS