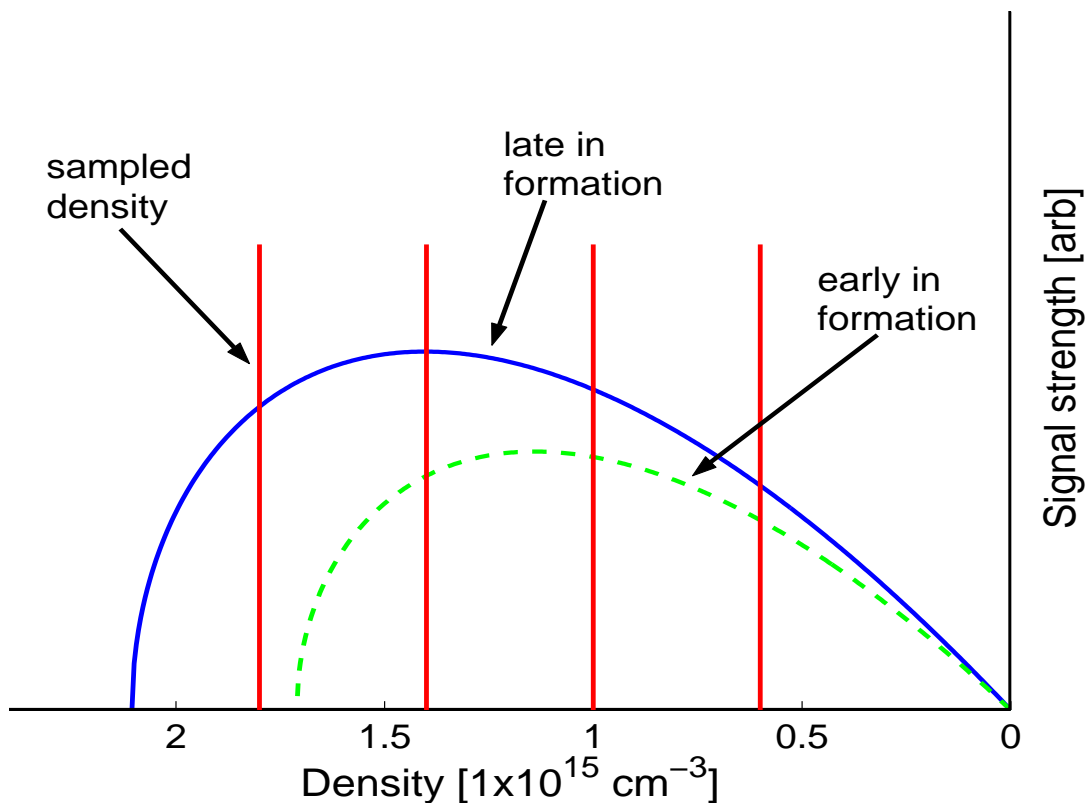


Obtaining condensate formation data

- Excellent reproducibility allows complete data sets to be formed by interleaving 4 pt scans depicted below.
- Good frequency and time resolution.



Hydrogen condensate specifics

Peak Density $\gg n_{\text{cr}}$

Condensate Fraction $\sim 3\%$

Density $n_{\text{cr}} \sim 1.5 \times 10^{14} \text{ cm}^{-3}$

Transition $T \sim 40 \mu\text{K}$