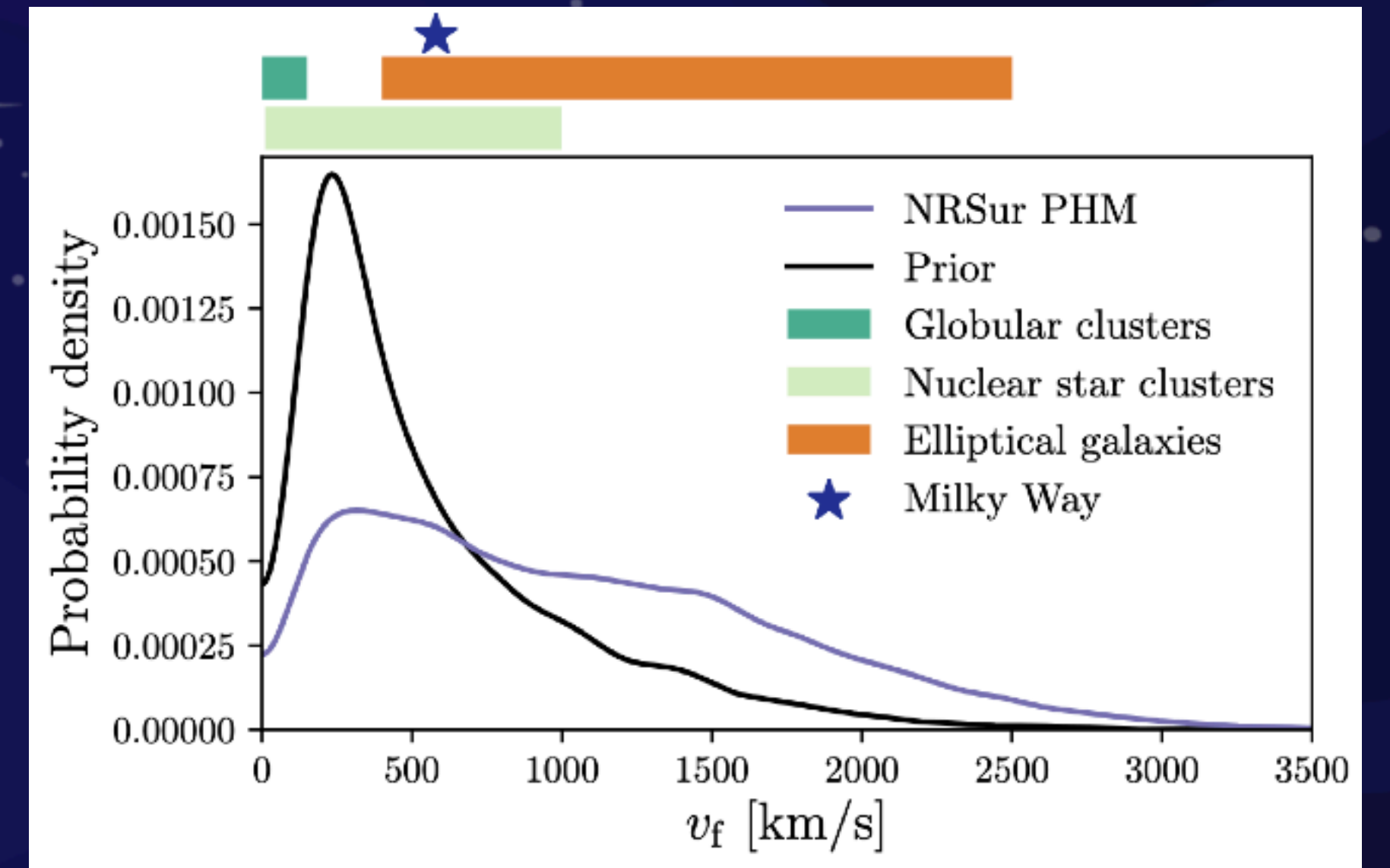
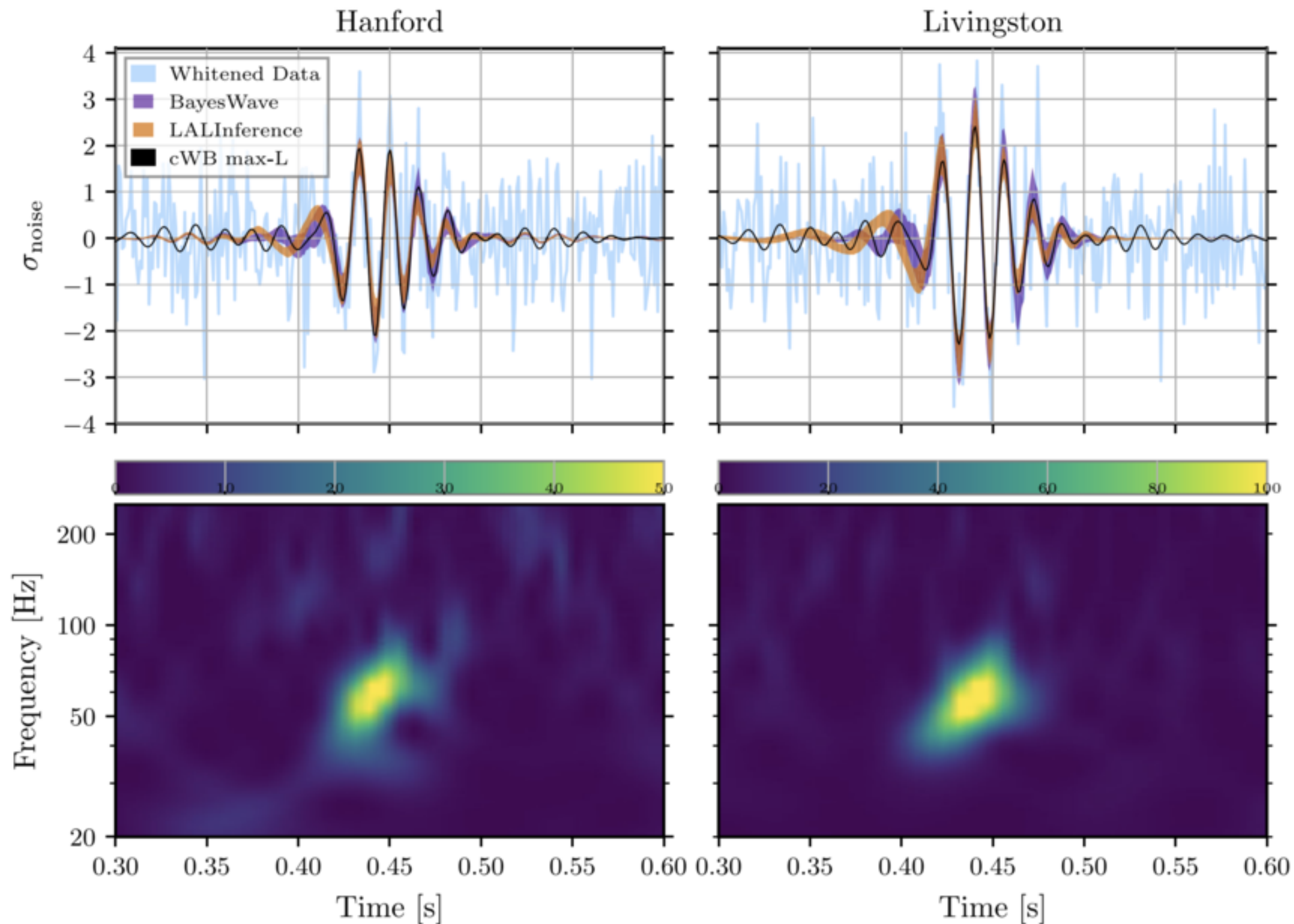


# GW190521: First IMBH — primary in PPISN



- IMBH remnant
  - 142 solar masses
- Primary BH in PPISN
  - 66 solar masses
- Origin story?
  - Field? 2nd gen?
- What even is it?
  - Eccentric? Precessing? Boson star?



- Bang in the mass gap
  - *Maybe no mass gap?*
- Origin story?
- L1 only — 1/1000 yr FAR
- Increases expectation for NSBH EM counterpart!

