Yoshiko Ashbaugh (this woman is super scatterbrained).
Wholly Dynamic : preserved by pascalization

- Evidence that this increased/decreased flexibility is actually linked to activity?
  - ↳ RMSF of the collective motions is ~0.2Å. is this really that significant?
  - ↳ what do these collective motion look like?
    - → actually conformational changes, or just irrelevant things moving around?
      (does the extremophile protein have different/new motions at mesophilic T, or do the mesophilic motion have higher amplitude?)
    - → She says she hasn't looked at it.
  - ↳ Quasi-harmonic analyses of the fluctuations.
    (Rogers, Henley, Ashbaugh JCP 2017)
    - ↳ seems a bit like fake Replica Exchange.
    - ↳ I recall Dimitri saying this doesn't work that well a lot.

"Here's kind of an odd slide thrown in"
- ↳ Water has an interesting property that the self-diffusion first increases right before it decreases due to pressure.
  - ↳ explanation: ↑P breaks H-bonds. small

window when this ↑ diffusion before the pressure drastically increases the viscosity → or decreases the H-bond lifetime.