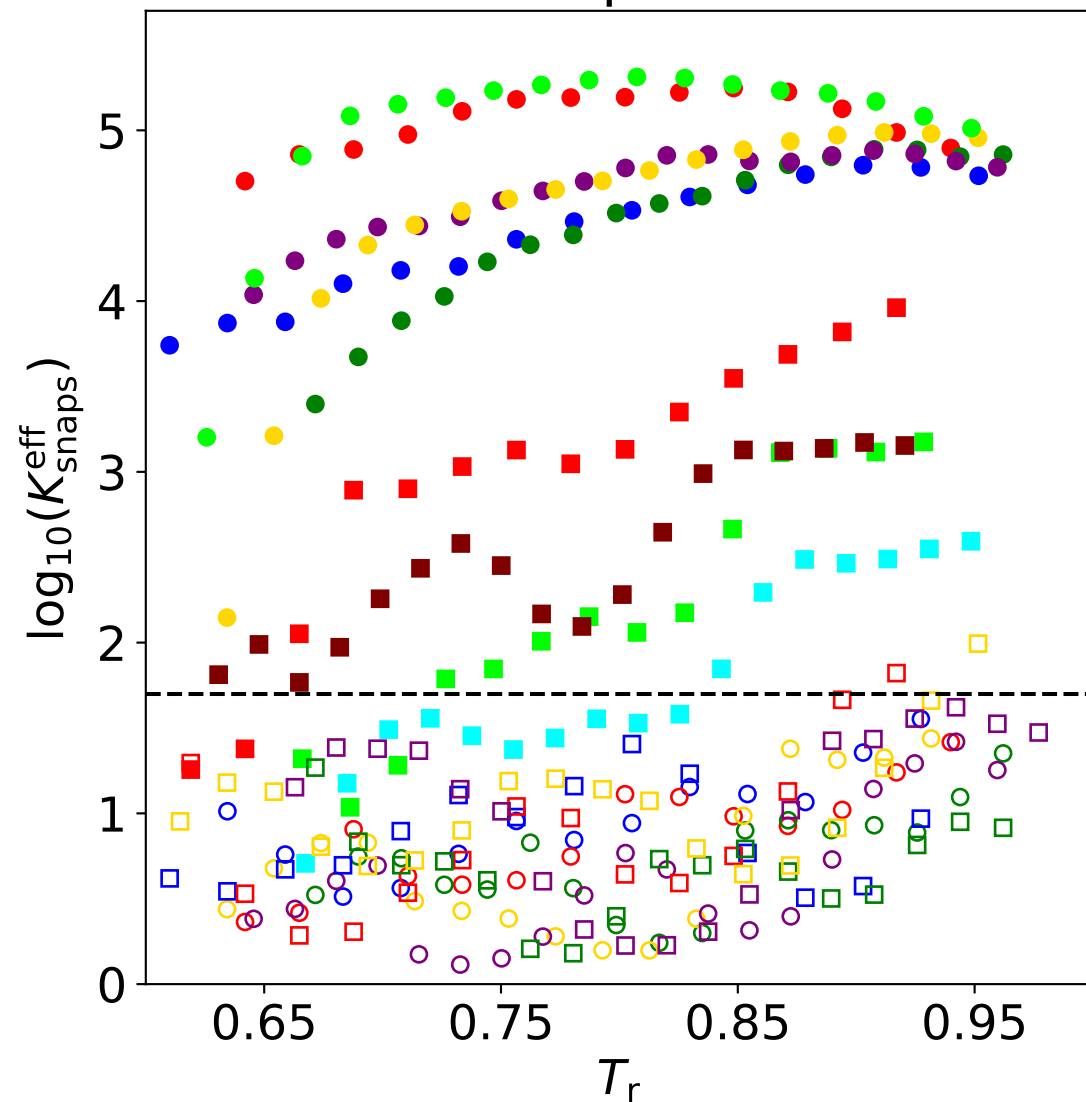
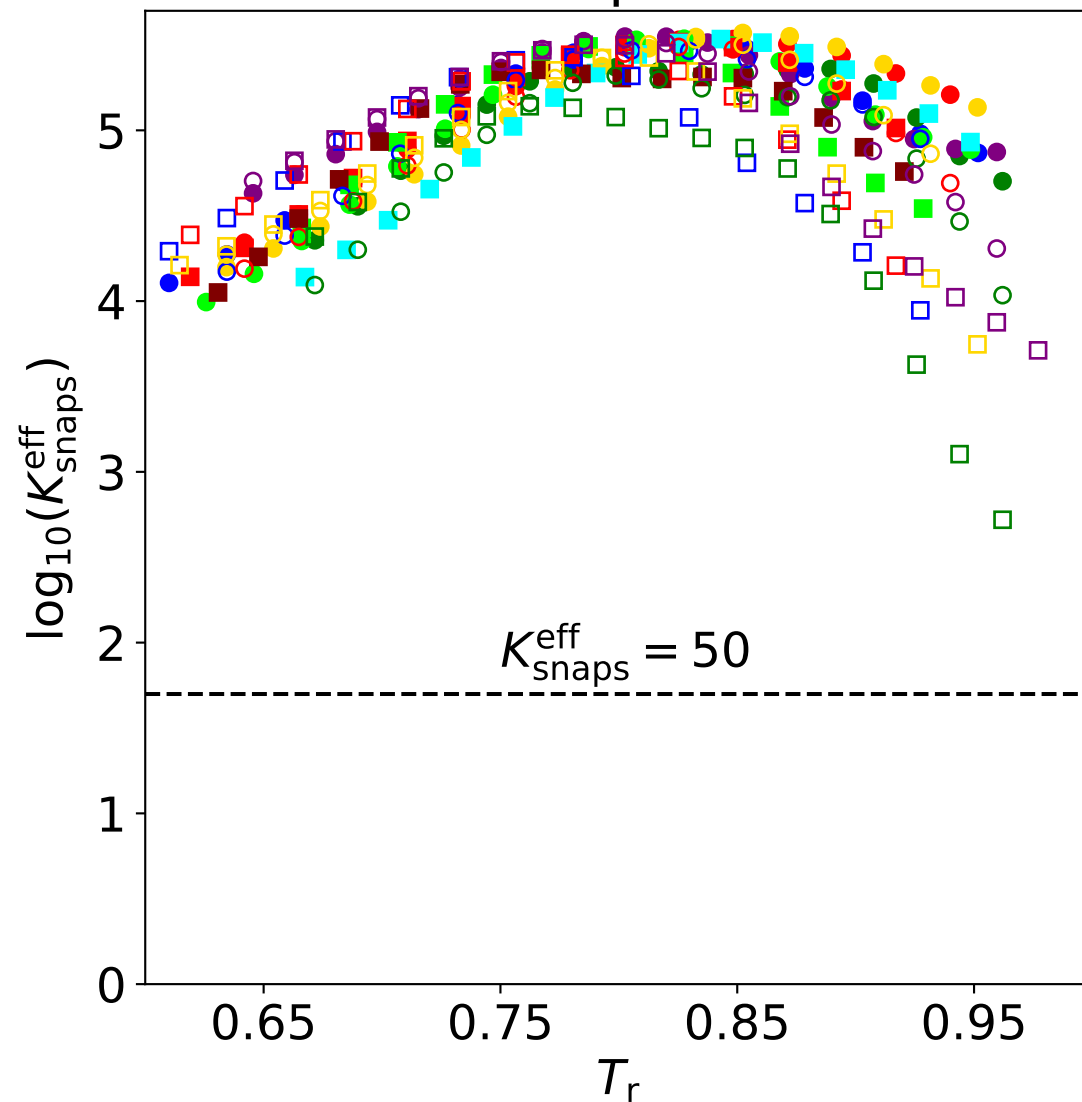


Liquid



Vapor



- |                                    |                          |                           |
|------------------------------------|--------------------------|---------------------------|
| ○ TraPPE $\Rightarrow$ MiPPE-gen   | ■ 2-methylpropane        | ■ 2,3-dimethylbutane      |
| ■ TraPPE $\Rightarrow$ NERD        | ■ 2,2-dimethylpropane    | ■ 2,2-dimethylbutane      |
| □ MiPPE-gen $\Rightarrow$ TraPPE   | ■ 2,2,4-trimethylpentane | ■ 3,3-dimethylhexane      |
| ● MiPPE-gen $\Rightarrow$ MiPPE-SL | ■ 2,3,4-trimethylpentane | ■ 3-methyl-3-ethylpentane |