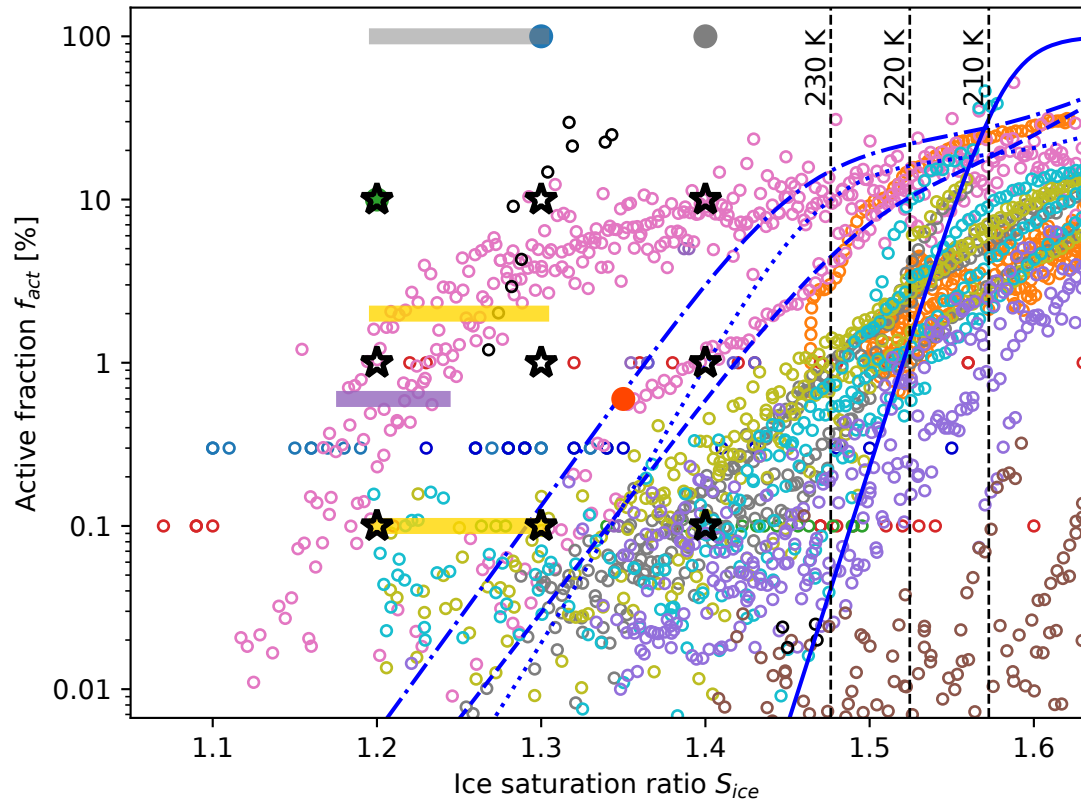


Ice nucleating properties of soot



Laboratory measurements

- Möhler et al. (2005) GSC; 186-240 K
- Möhler et al. (2005) SAC; 185-232 K
- Koehler et al. (2009) AEC soot; 222-233 K
- Crawford et al. (2011) CAST; 222-228 K
- Kanji et al. (2011)
- Chou et al. (2013) diesel soot; 233 K
- Kulkarni et al. (2016) diesel soot; 223-233 K
- Mahrt et al. (2018) FW200; 218-233 K
- Mahrt et al. (2018) FS; 218-233 K
- Mahrt et al. (2018) LB_RC; 218-233 K
- Mahrt et al. (2018) LB_OEC; 218-233 K
- Mahrt et al. (2018) mCAST black; 218-233 K
- Mahrt et al. (2018) mCAST brown; 218-233 K
- Nichman et al. (2019) Monarch 900
- Mahrt et al. (2020) preact. soot; 230.5-233 K
- - - Mahrt et al. (2020) preact. soot; 225.5-230.5 K
- · - · Mahrt et al. (2020) preact. soot; 220.5-230.5 K
- · · Mahrt et al. (2020) preact. soot; 218-220.5 K

Model studies

- Hendricks et al. (2005), Penner et al. (2009)
- Liu et al. (2009)
- Liu et al. (2009)
- Hendricks et al. (2011)
- Gettelman and Chen (2013)
- Zhou and Penner (2014) 193-233K;
- Penner et al. (2018); Zhu and Penner (2020)
- ★ This study