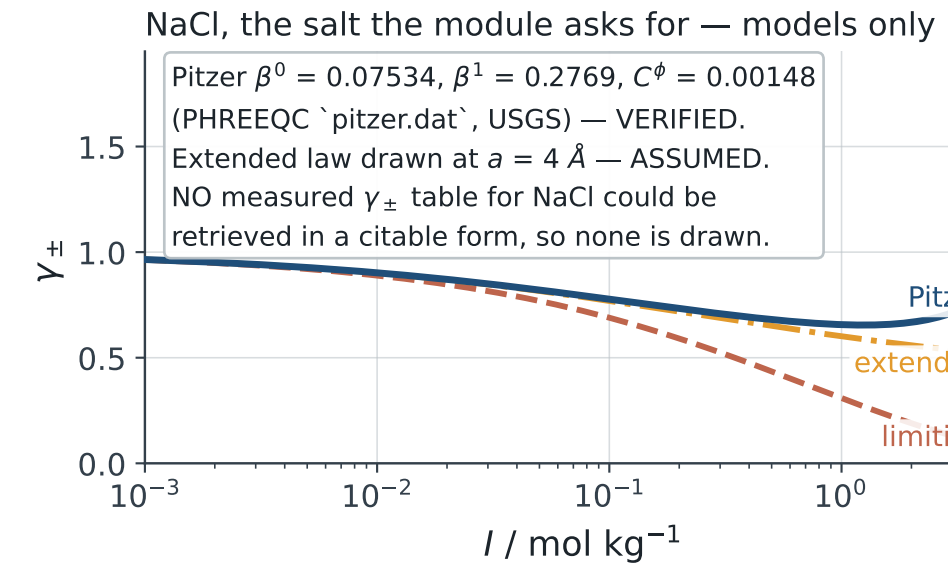
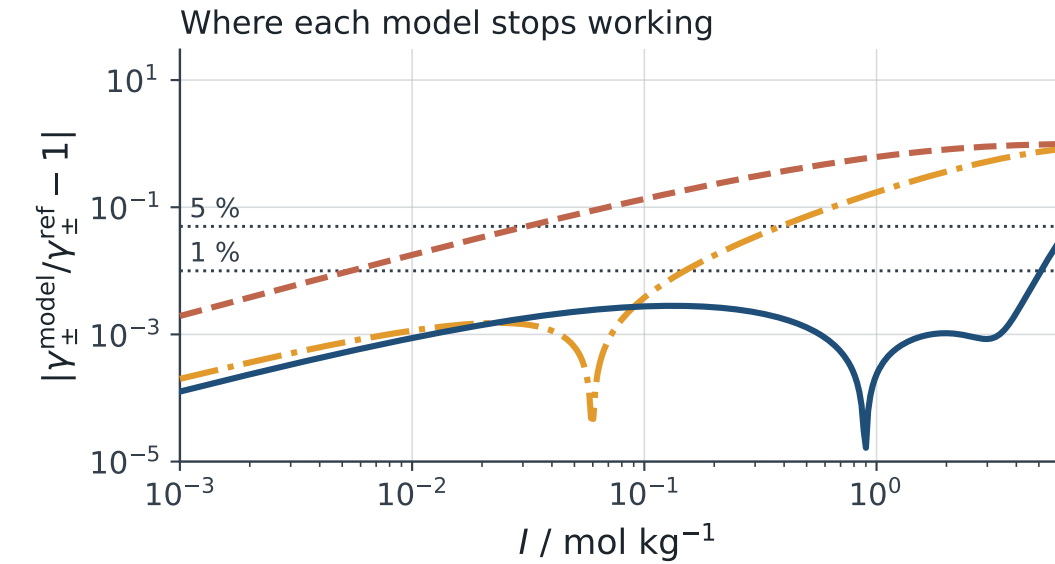
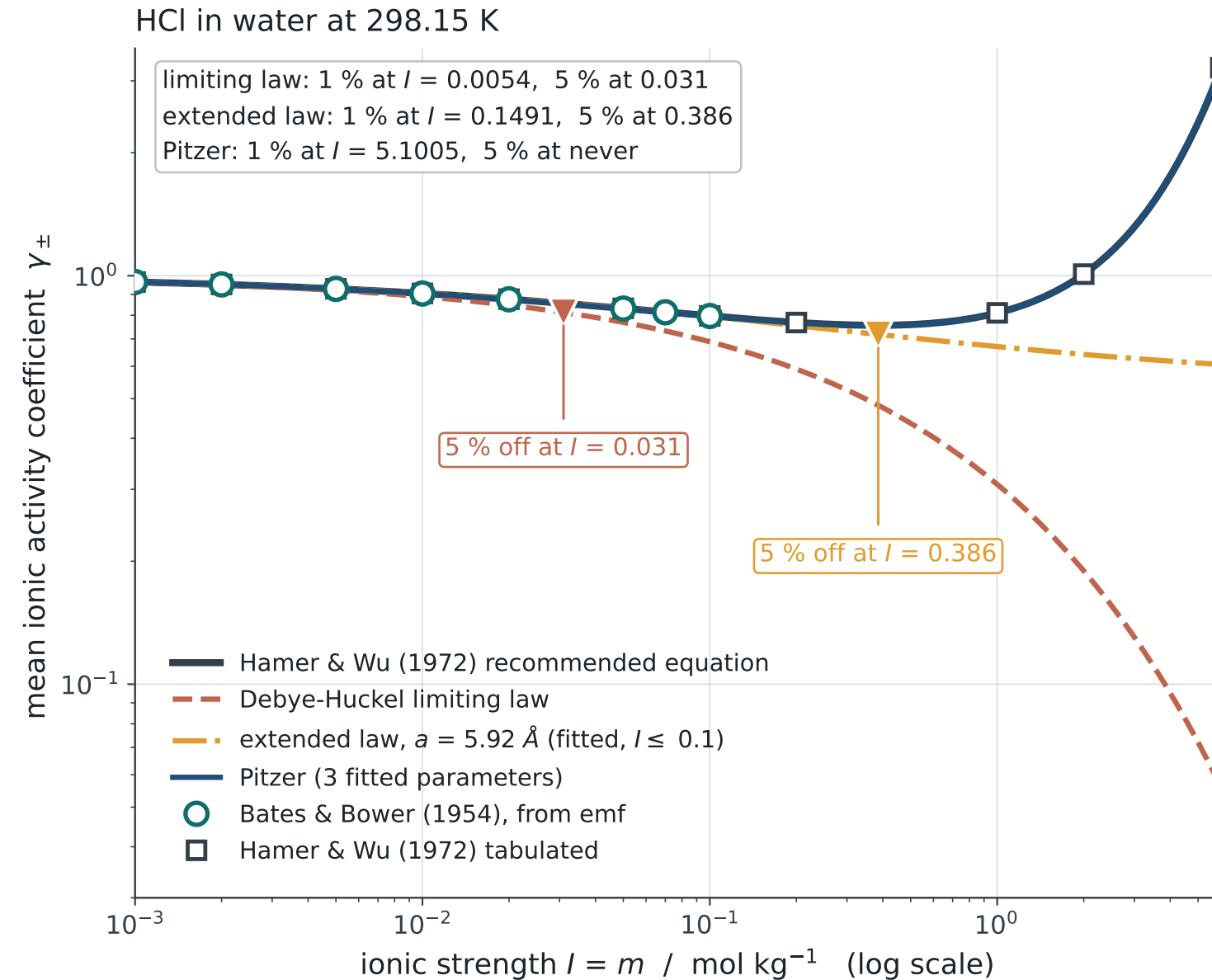


The limiting law is finished by $I = 0.03$ mol/kg and the extended law by 0.39; three fitted Pitzer parameters carry the same solution to 6 mol/kg



Reference $\gamma_{\pm}$: Hamer & Wu, J. Phys. Chem. Ref. Data 1, 1047 (1972), Table 4 (equation and tabulated values), cross-checked against Bates & Bower, J. Res. NBS 53, 283 (1954), Table 3 — the two agree to 0.0012 in $\gamma_{\pm}$.

Pitzer parameters from PHREEQC `pitzer.dat` (USGS). Debye-Huckel $A = 0.5108$ from `reaction.debye\_huckel\_A`, against the 0.5108 Hamer & Wu used. ONE FLAG: the retrieved table value at $m = 6$ (3.23) sits +1.1 % from the retrieved equation (3.196); every other point agrees to 0.06 %, so that one figure is most likely a retrieval error and is shown rather than quietly corrected.