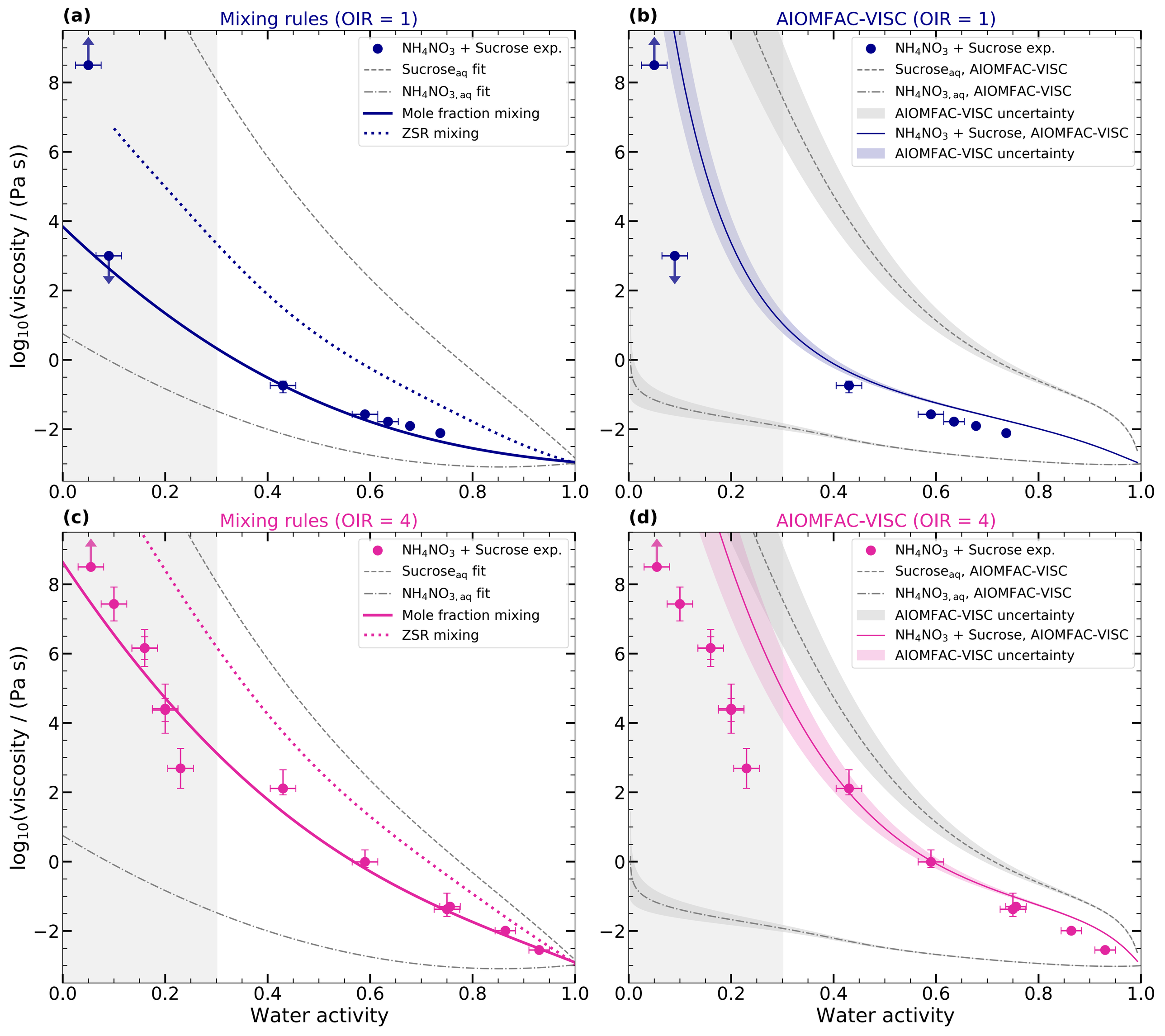
(a)
Mixing rules (OIR = 1)
(b)
AIOMFAC-VISC (OIR = 1)
(c)
Mixing rules (OIR = 4)
(d)
AIOMFAC-VISC (OIR = 4)
NH4NO3 + Sucrose exp.
Sucroseaq fit
NH4NO3,aq fit
Mole fraction mixing
ZSR mixing
Sucroseaq, AIOMFAC-VISC
NH4NO3,aq, AIOMFAC-VISC
AIOMFAC-VISC uncertainty
NH4NO3 + Sucrose, AIOMFAC-VISC
log10(viscosity / (Pa s))
Water activity
0.0
0.2
0.4
0.6
0.8
1.0
−2
0
2
4
6
8