



Figure 2: Results of the Maxwell constructions on pressure-extension curves of gels with the same hydrophobicity $\varepsilon = 0.5$ and at different salt concentration: (a) $pK = 5.0$, $c_s = 0.002$, (a') $c_s = 0.003$, the rest is for $pK = 6.0$ and (b) $c_s = 0.002$, (c) $c_s = 0.003$, (d) $c_s = 0.006$, (e) $c_s = 0.01$, (f) $c_s = 0.015$. Approximate value of the transition pressure is written in the legend and represented by the dashed horizontal line.