Potential LJ-12-7 Phase diagram 0.425  $T_{TP}$  $T_{CP}$ condensate 0.400 gas average 0.375 0.350 0.325 0.300 0.275 0.250 0.1 0.2 0.3 0.4 0.5 0.6 0.7 8.0 0.0