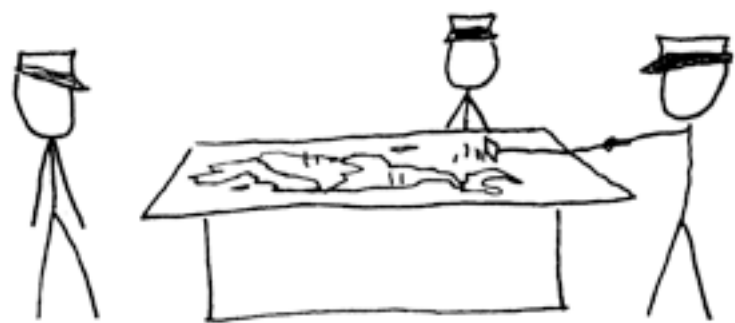
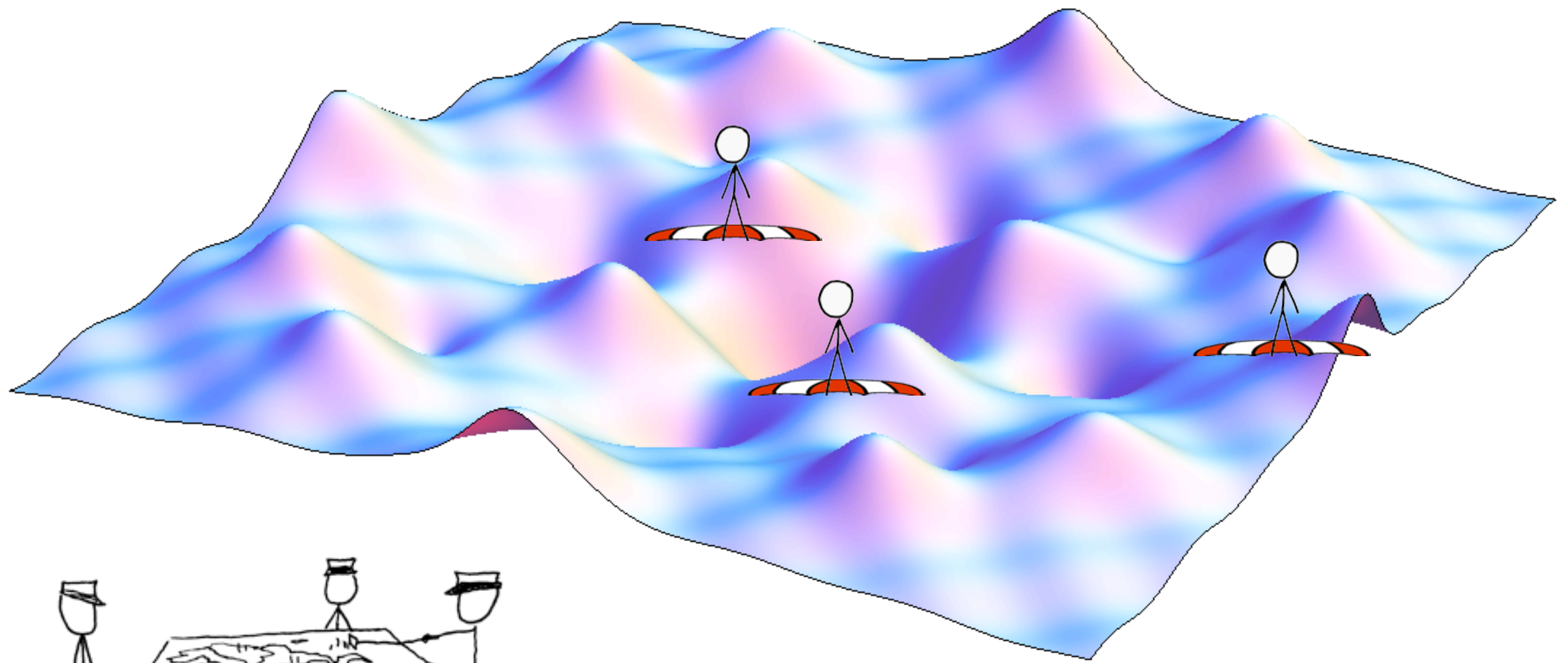
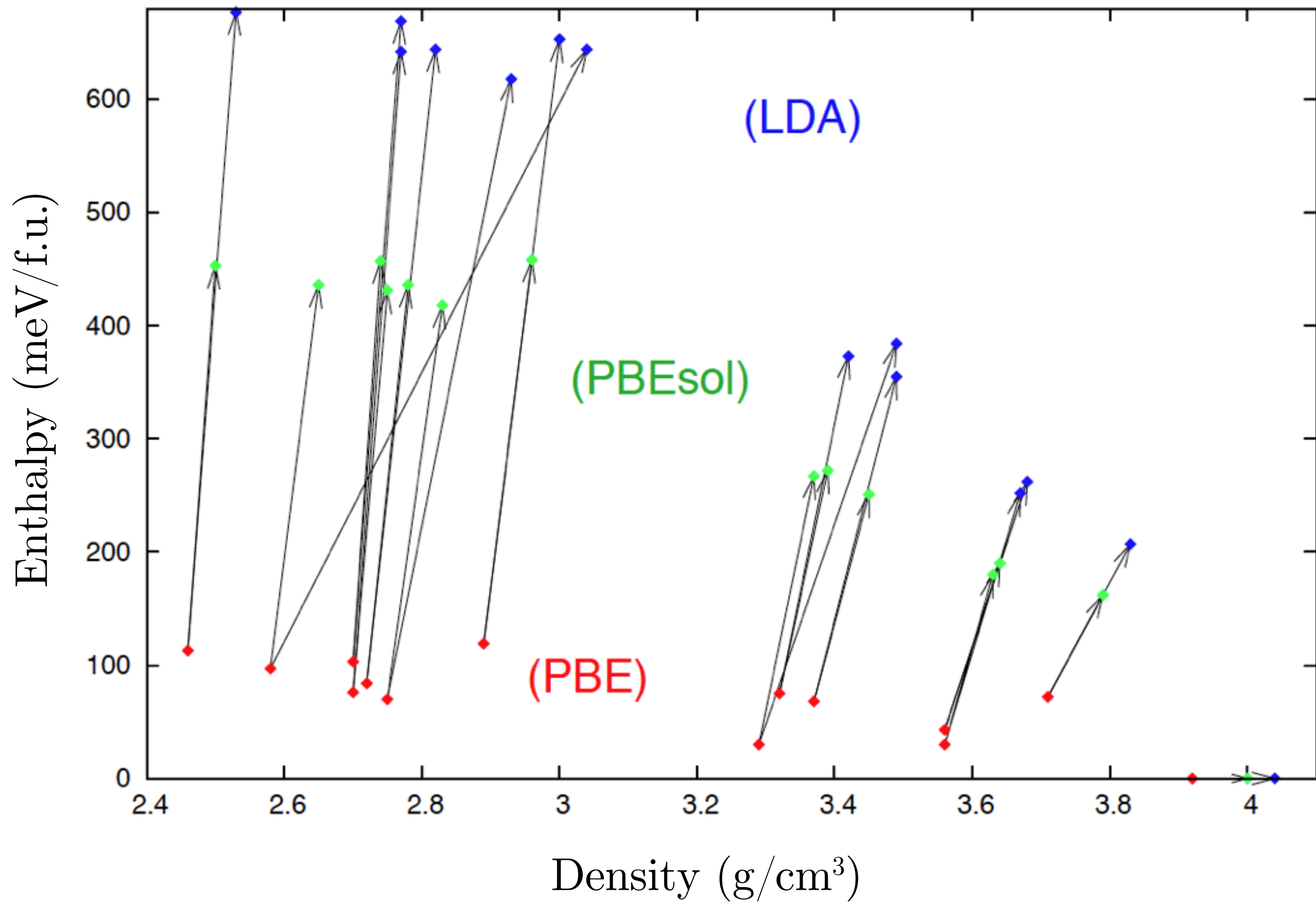


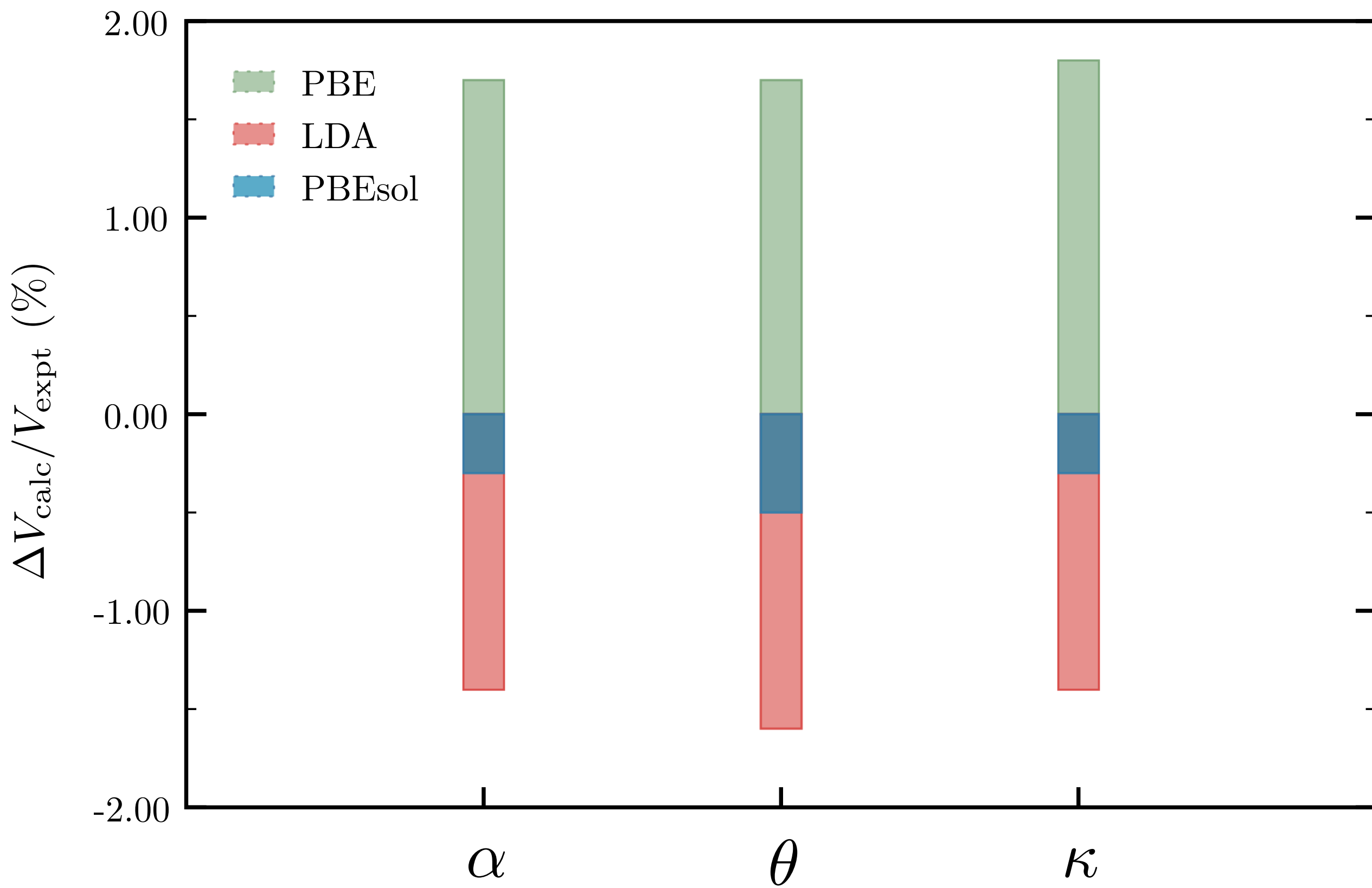
New low density phases of aluminium oxide

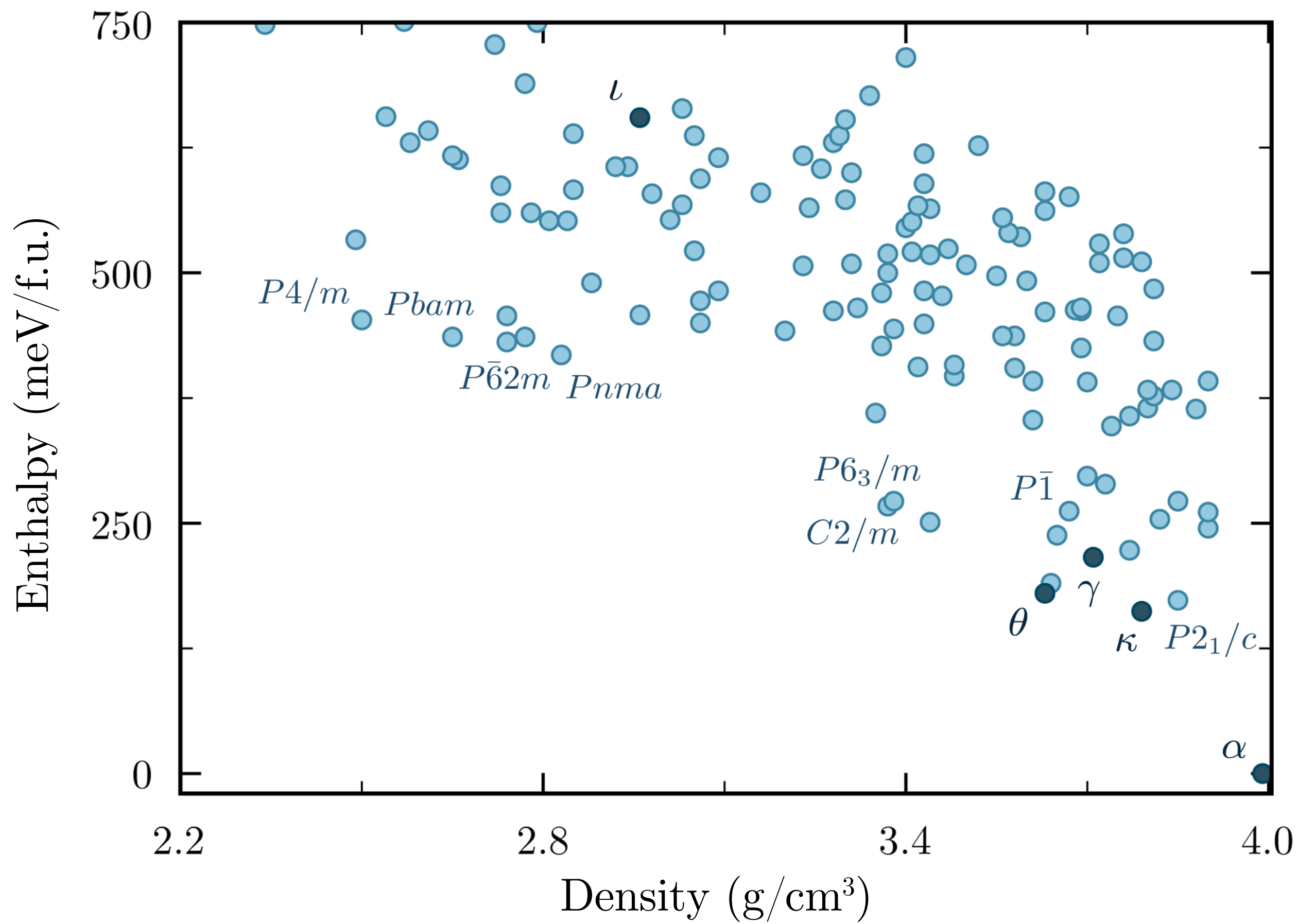
Matthew J. Lyle, Chris J. Pickard, and Richard J. Needs

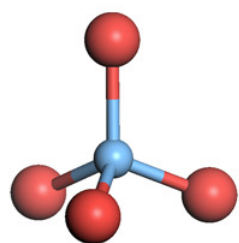
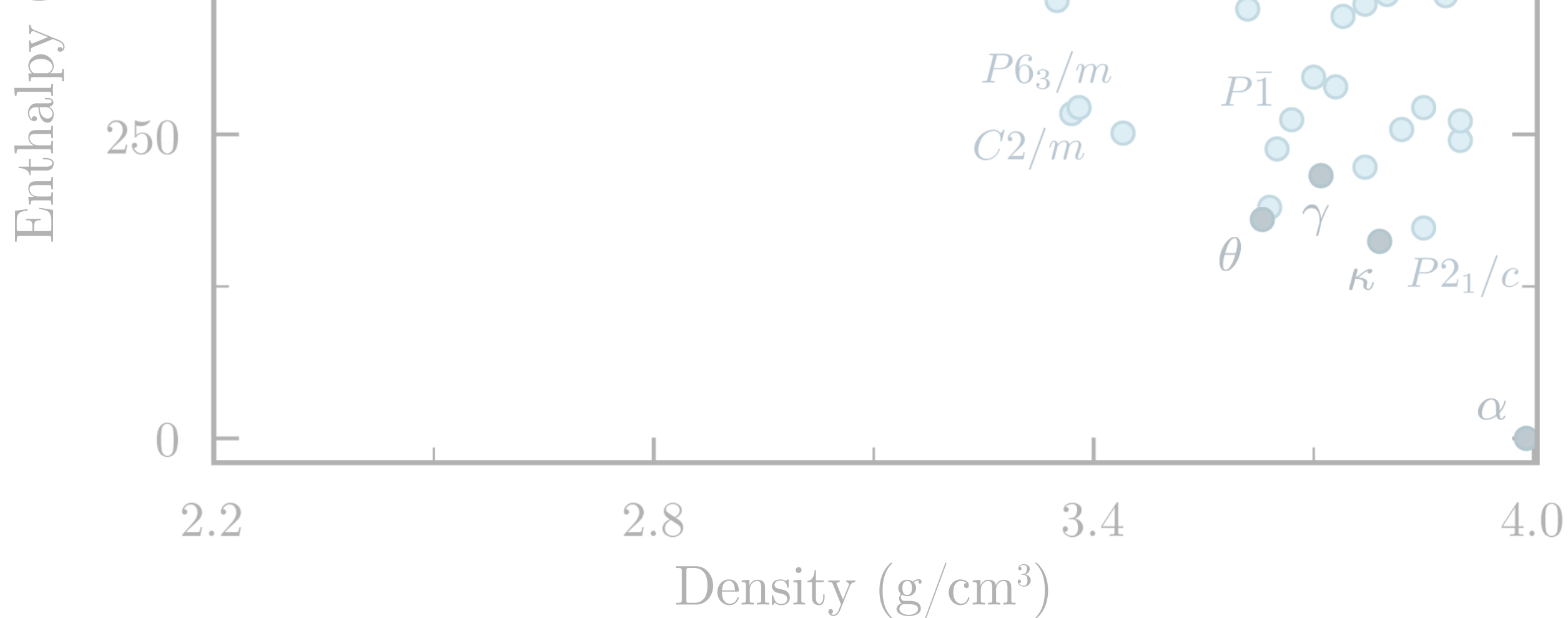




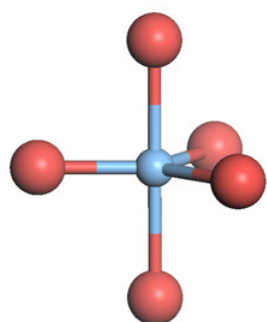




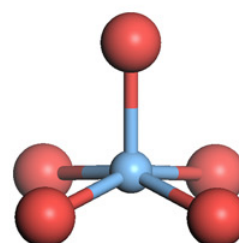




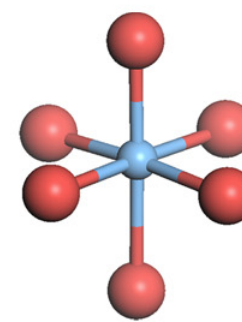
T_d
Tetrahedral



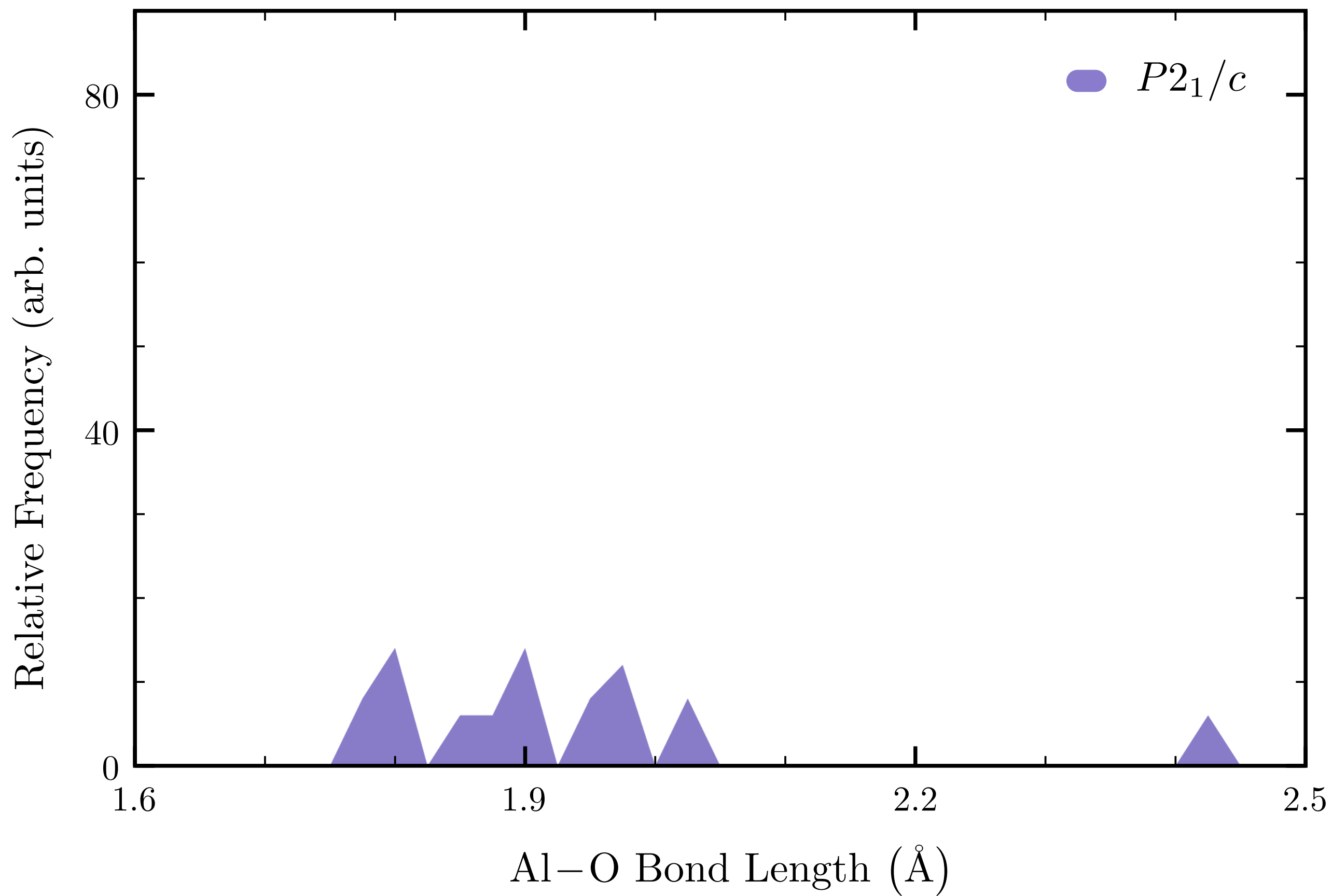
D_{3h}
Trigonal
bipyramidal

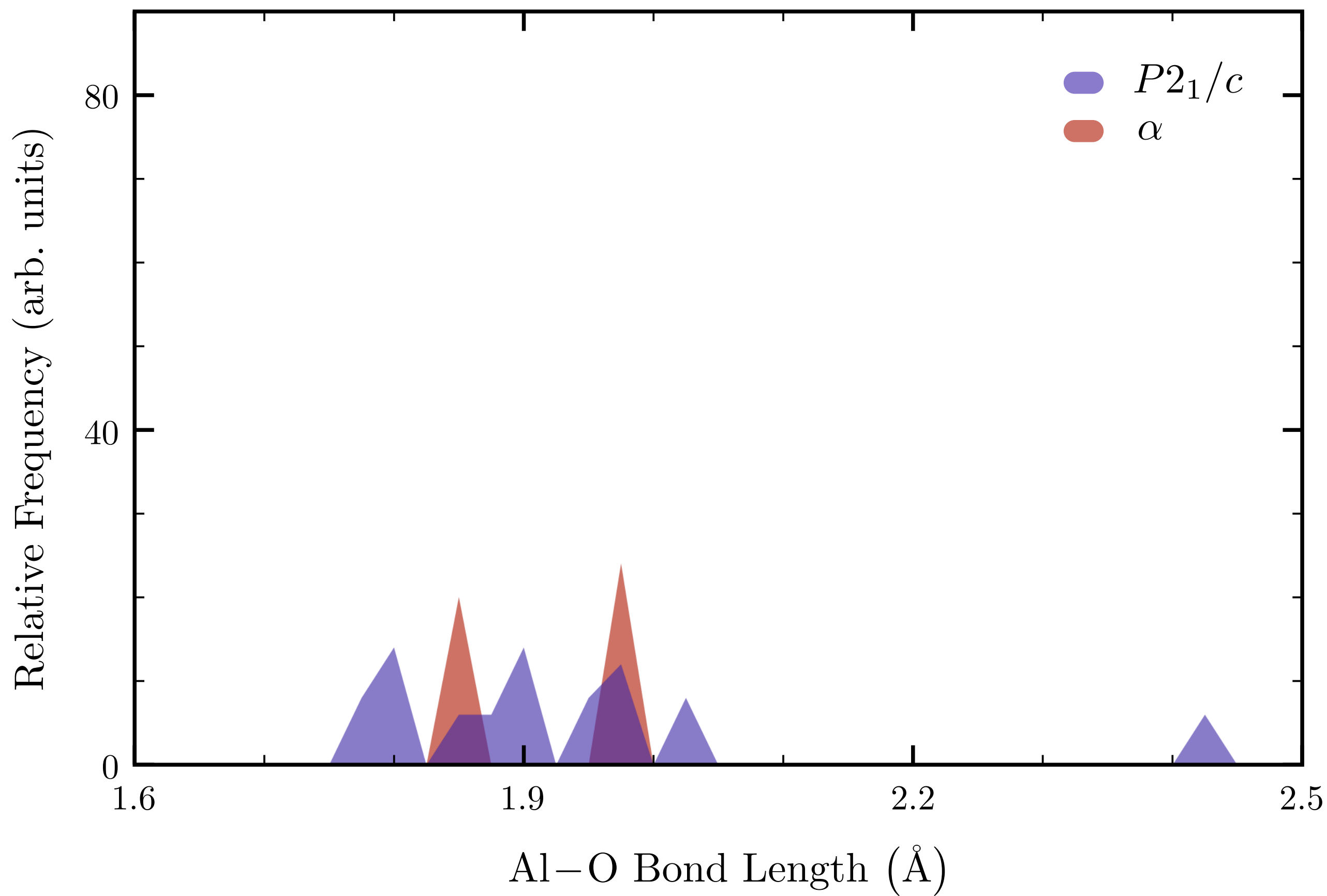


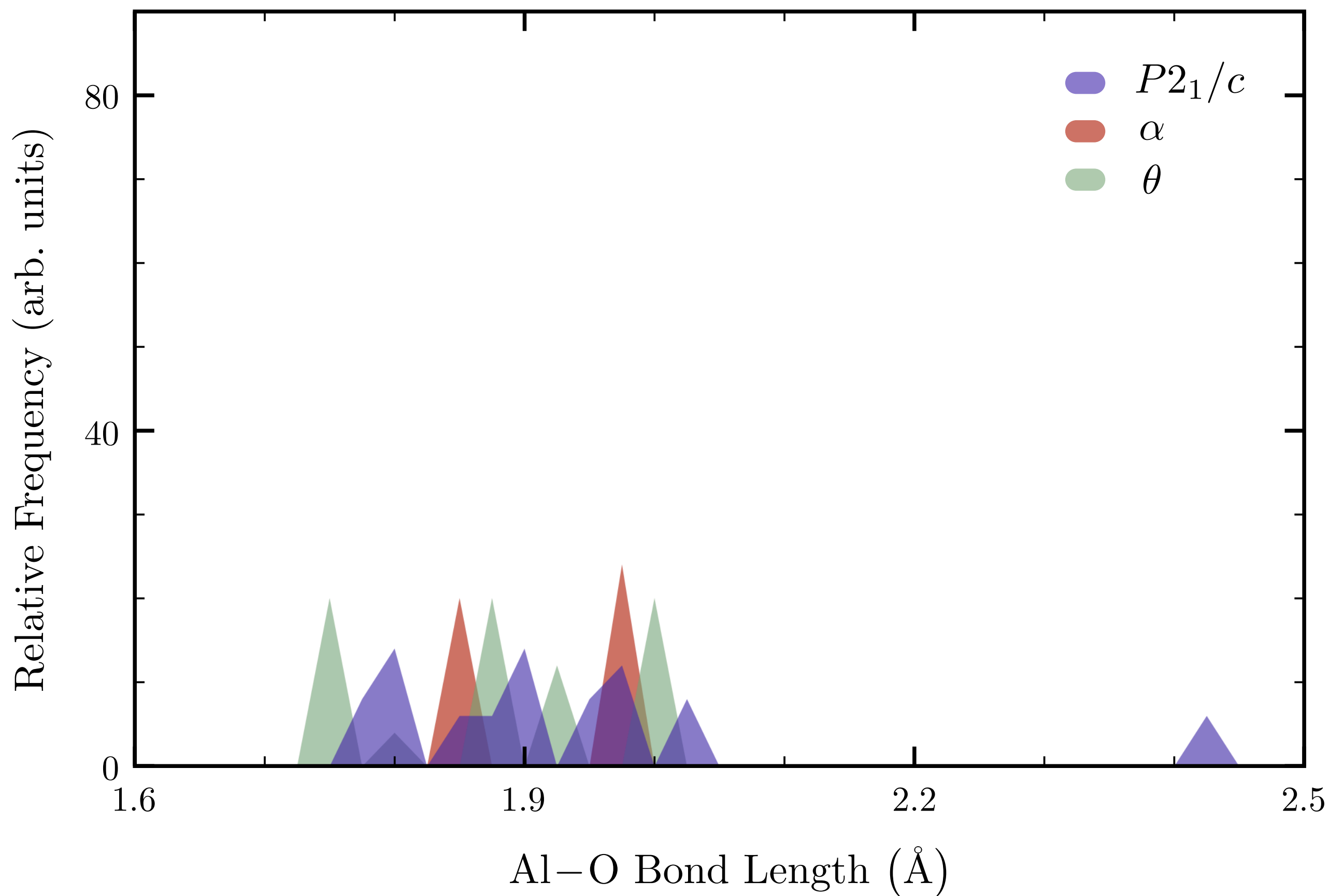
C_{4v}
Square-based
pyramidal

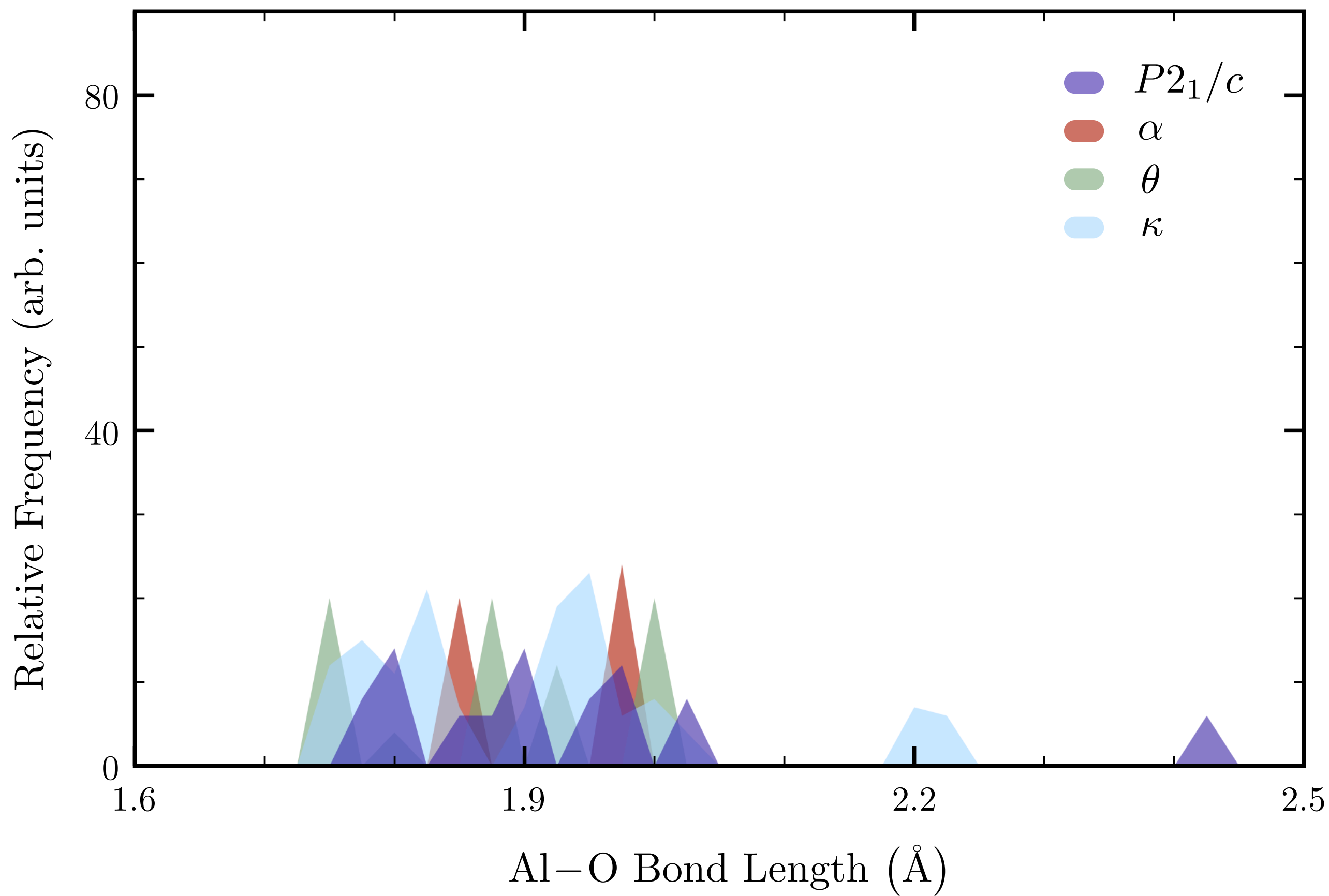


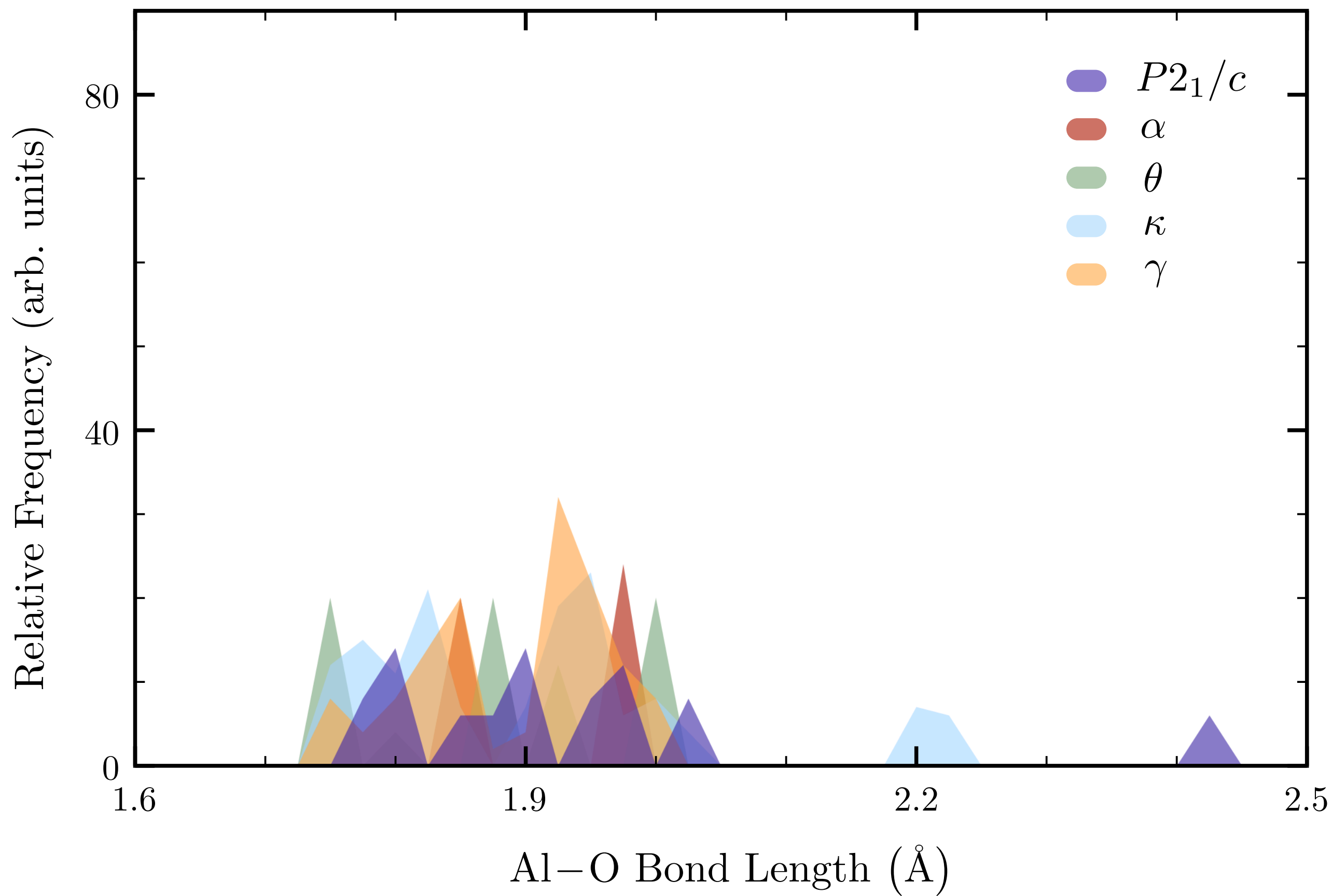
O_h
Octahedral

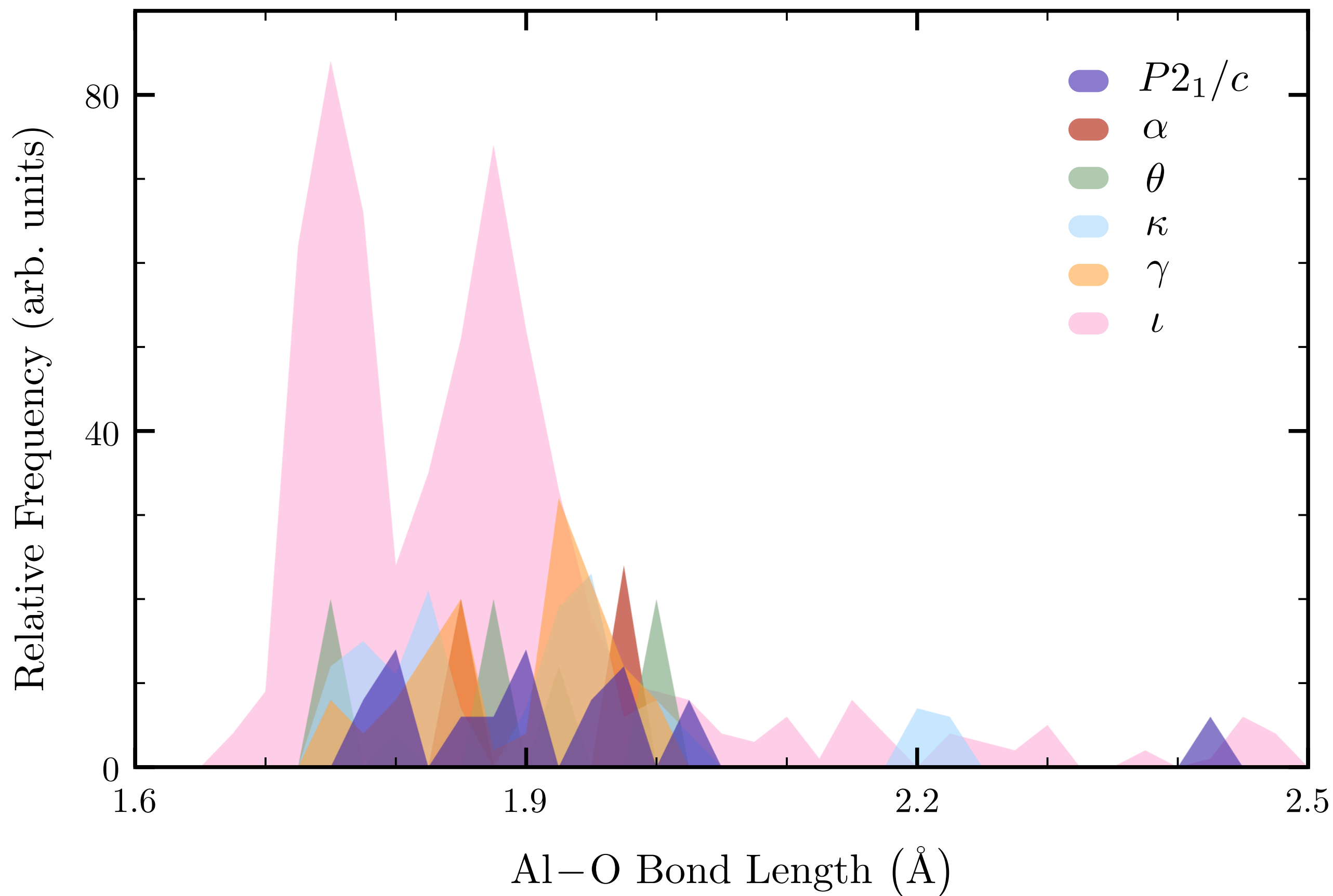


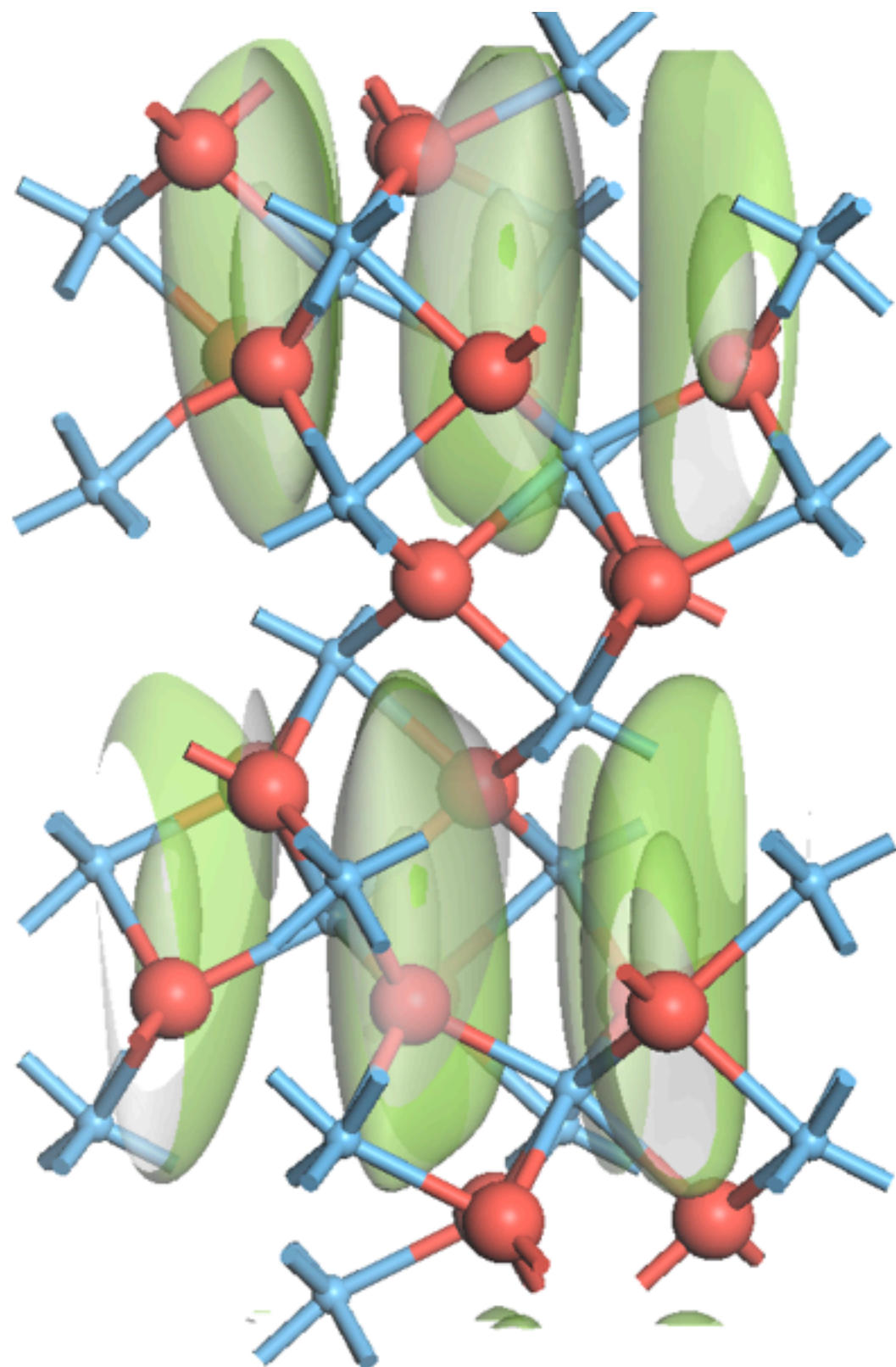




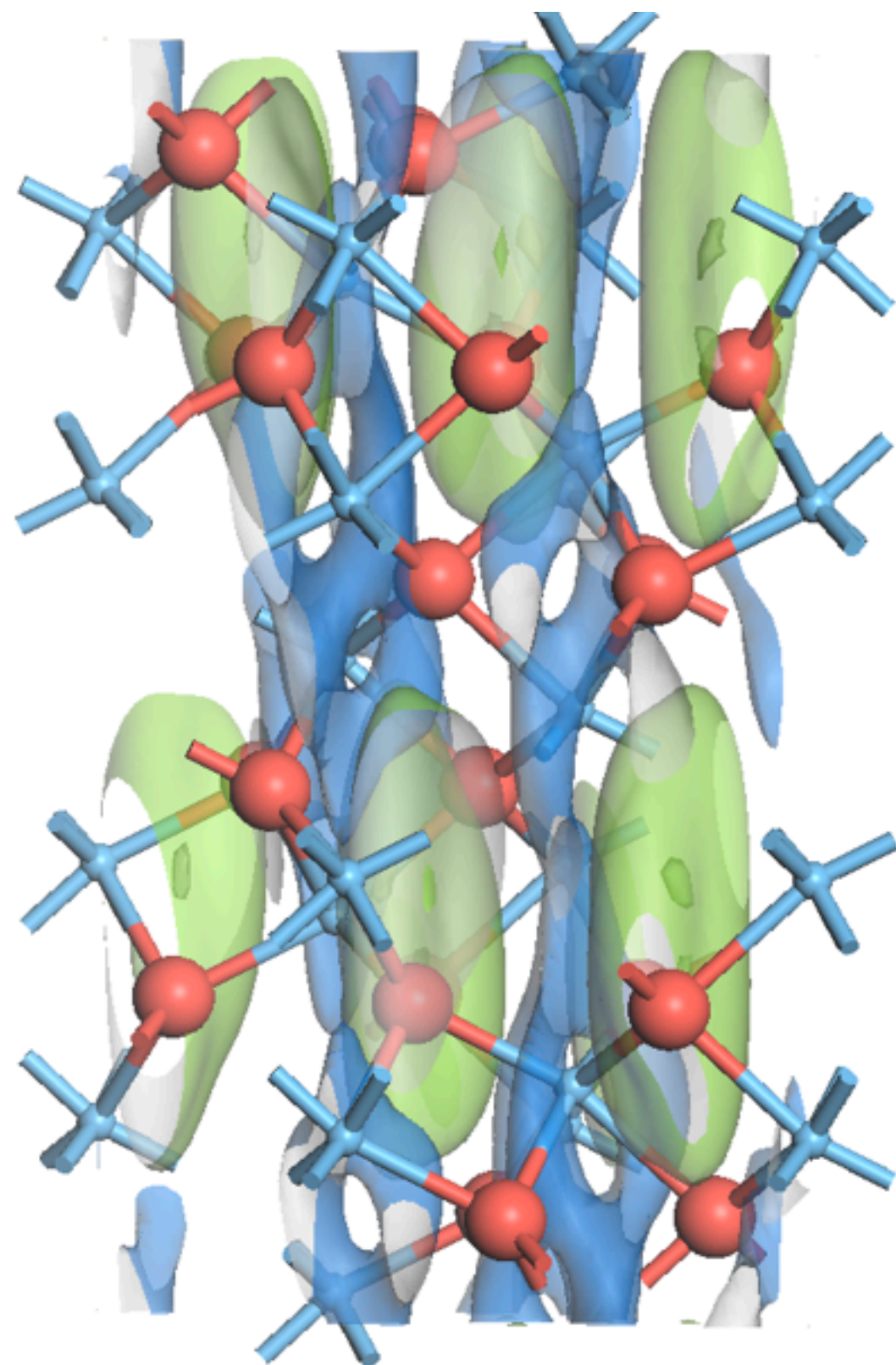






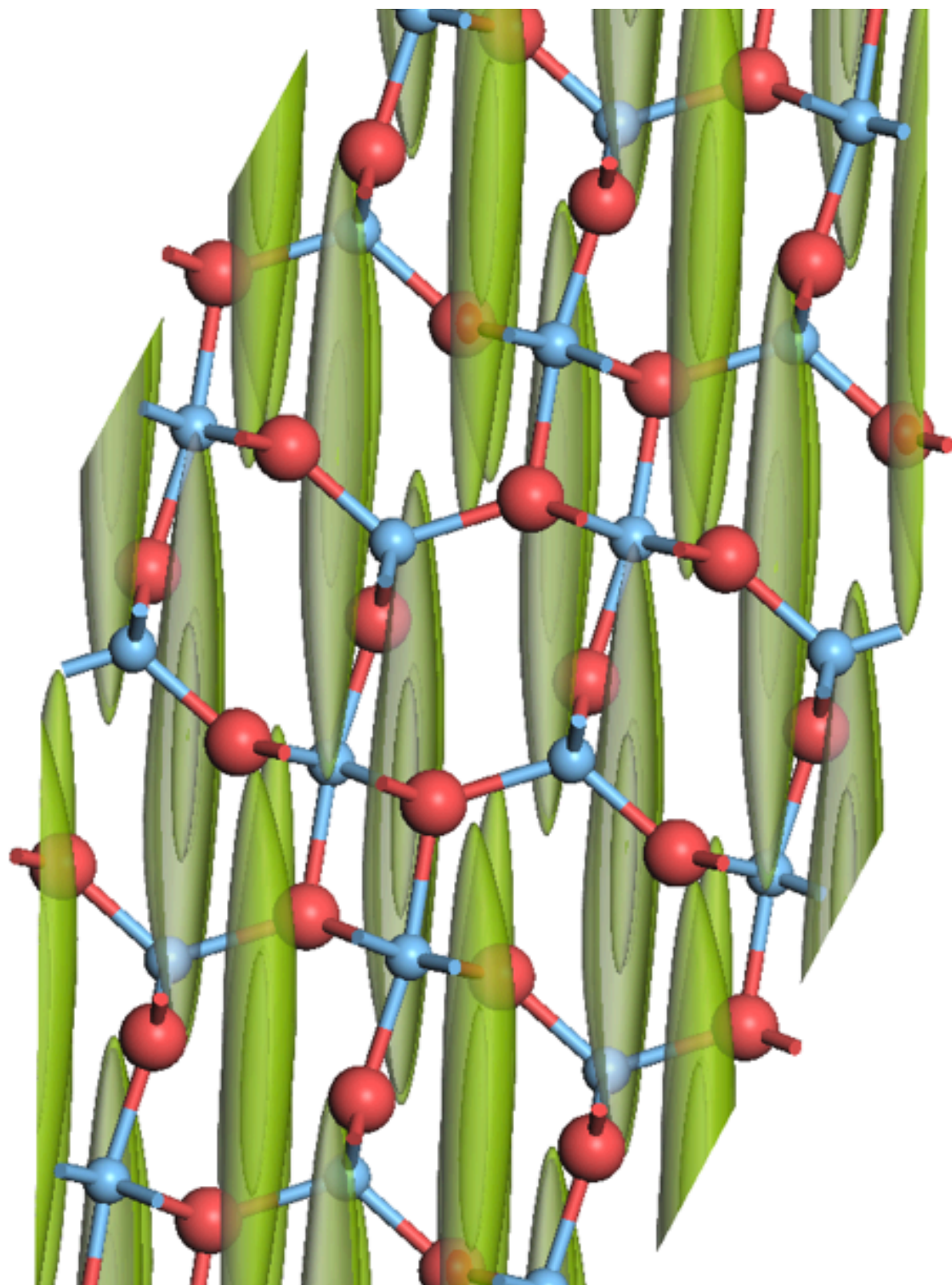


ELF

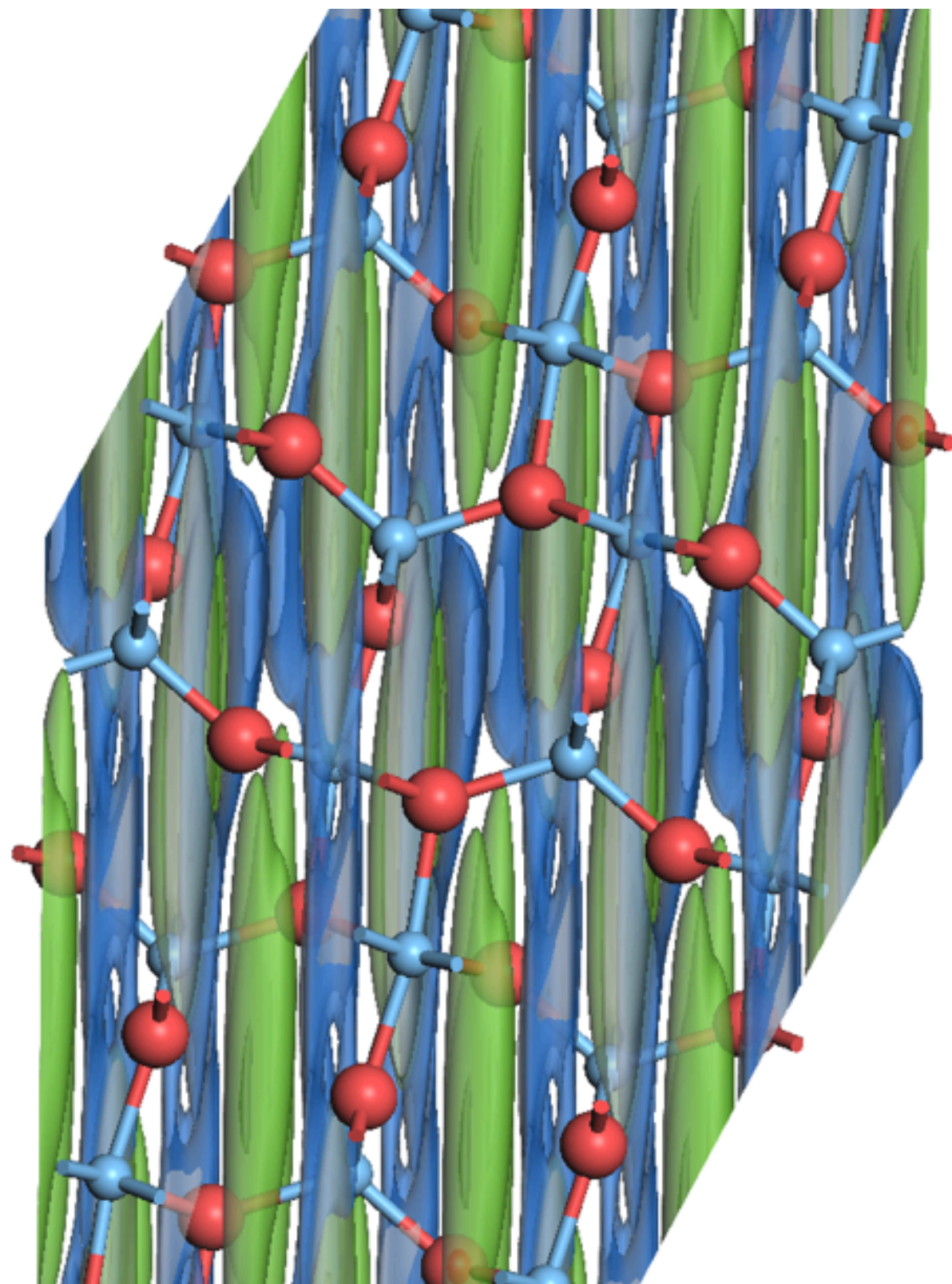


Density Difference

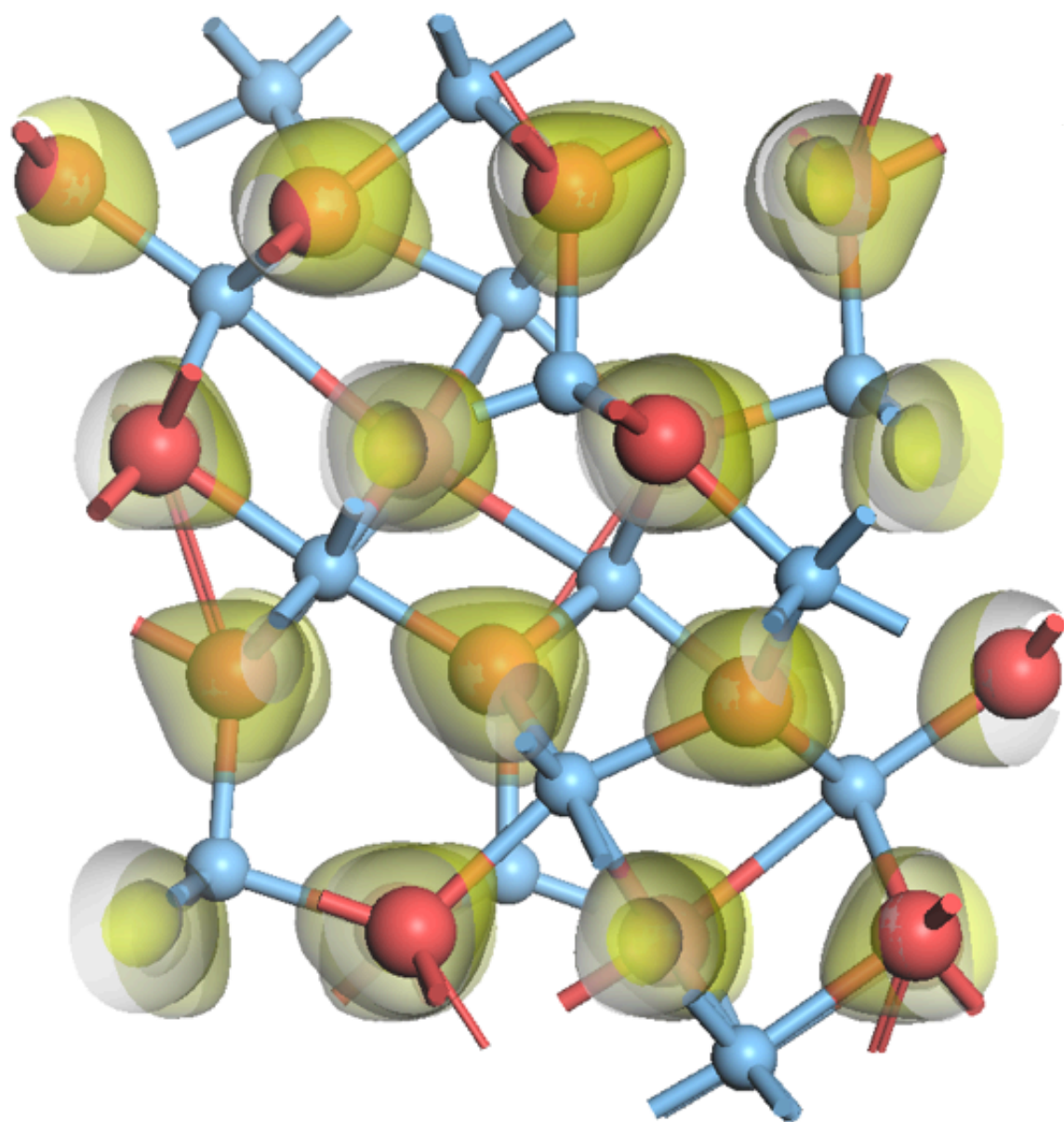
α



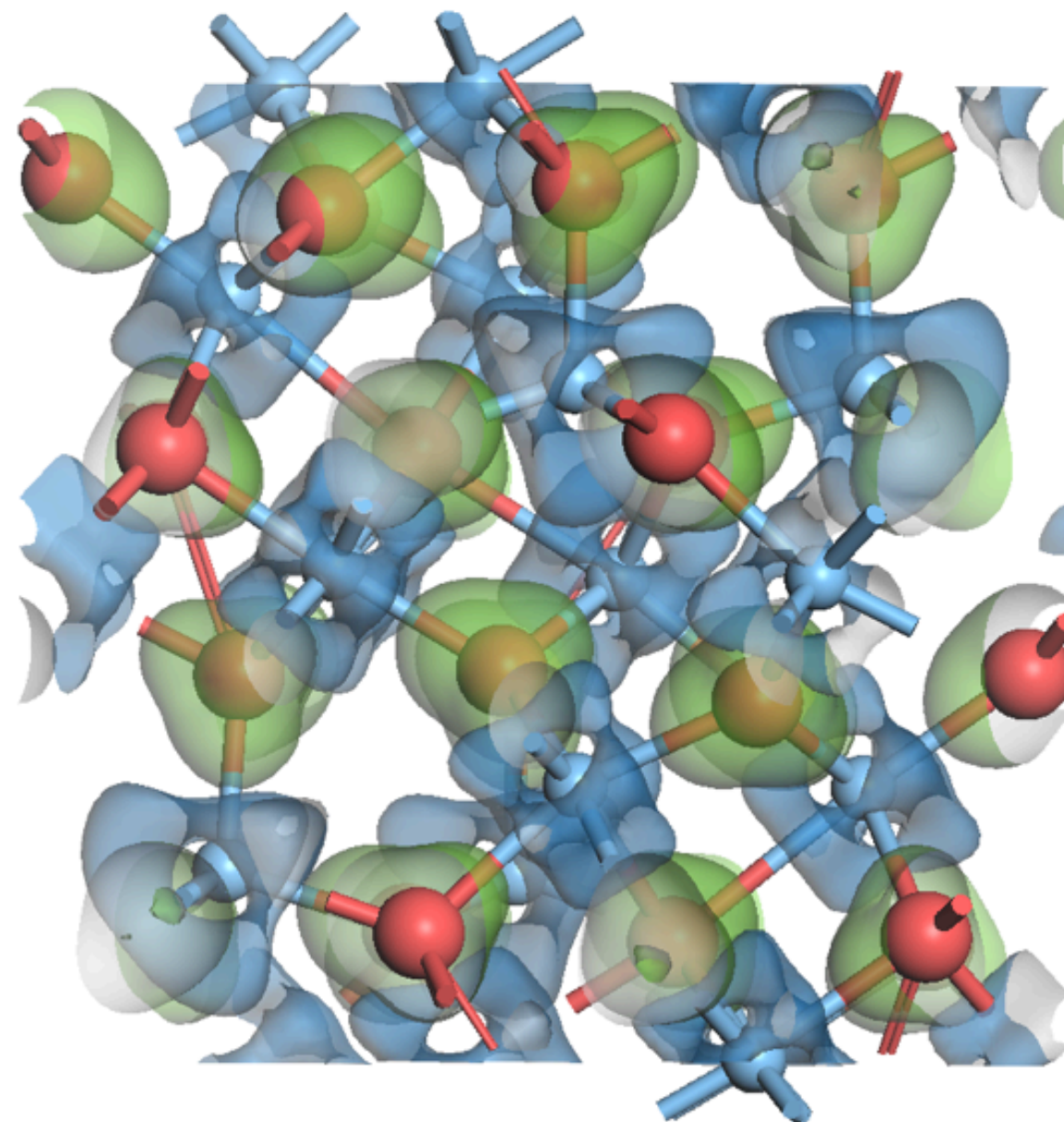
θ ELF



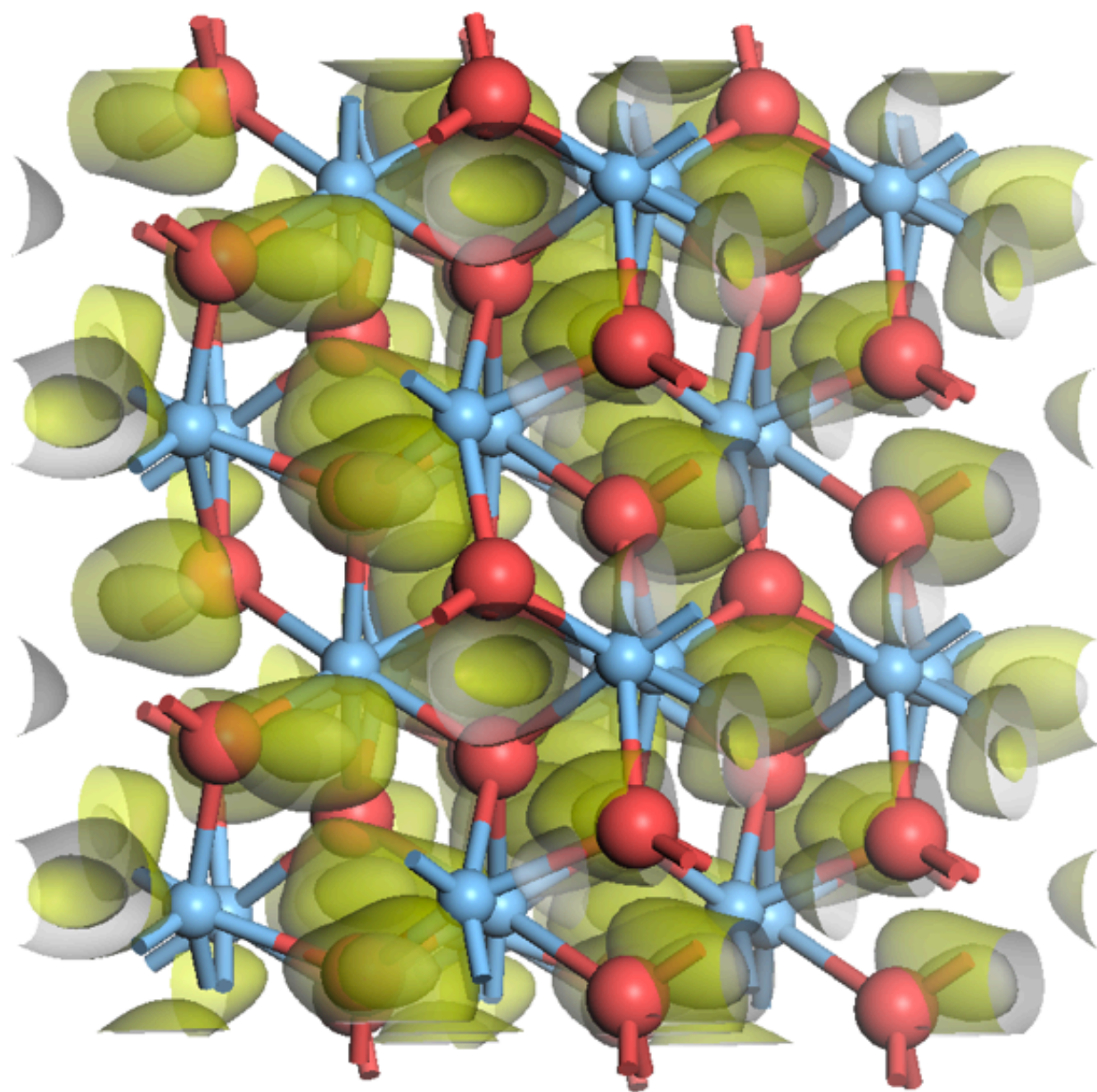
Density Difference



ELF

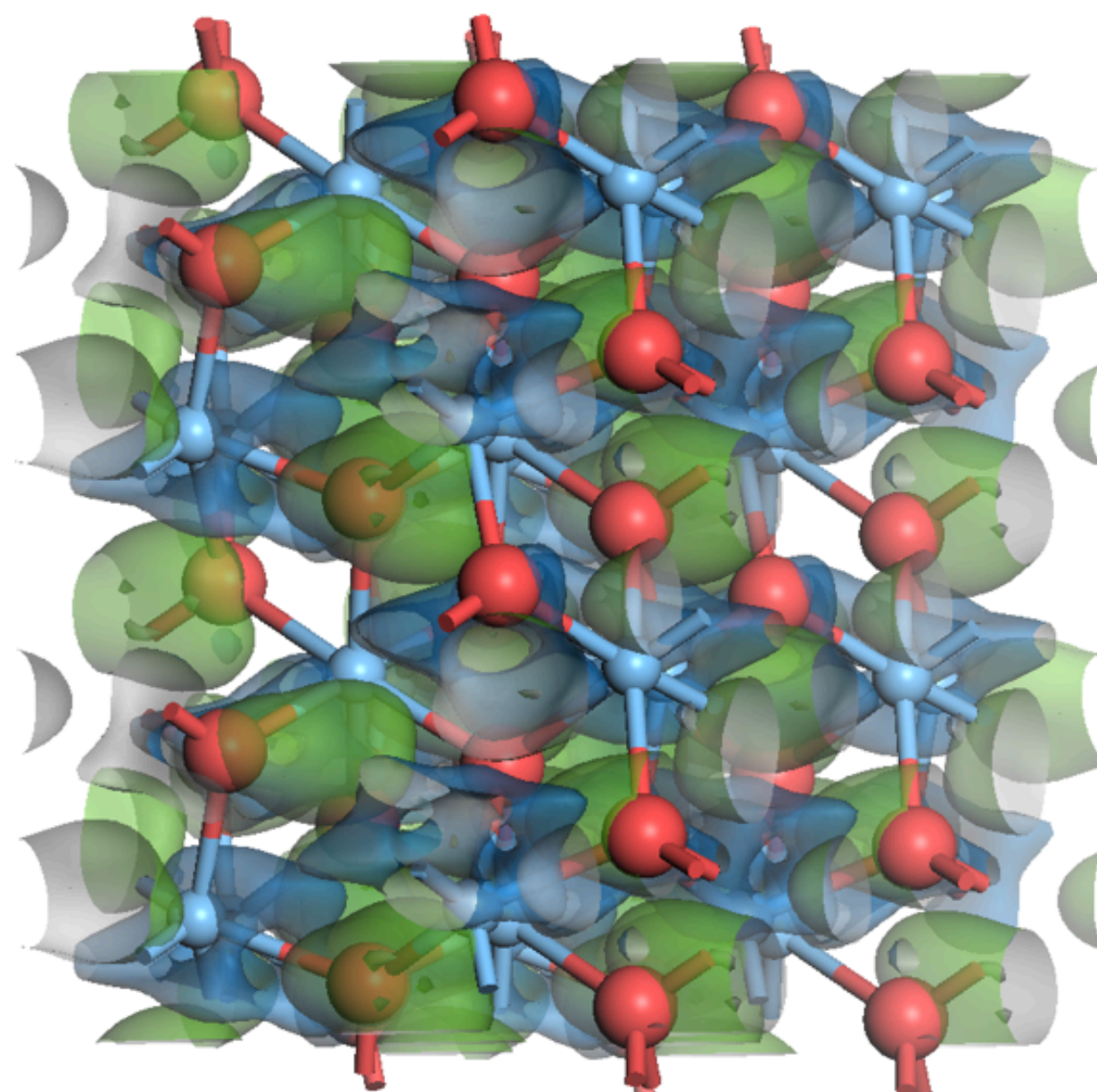


Density Difference

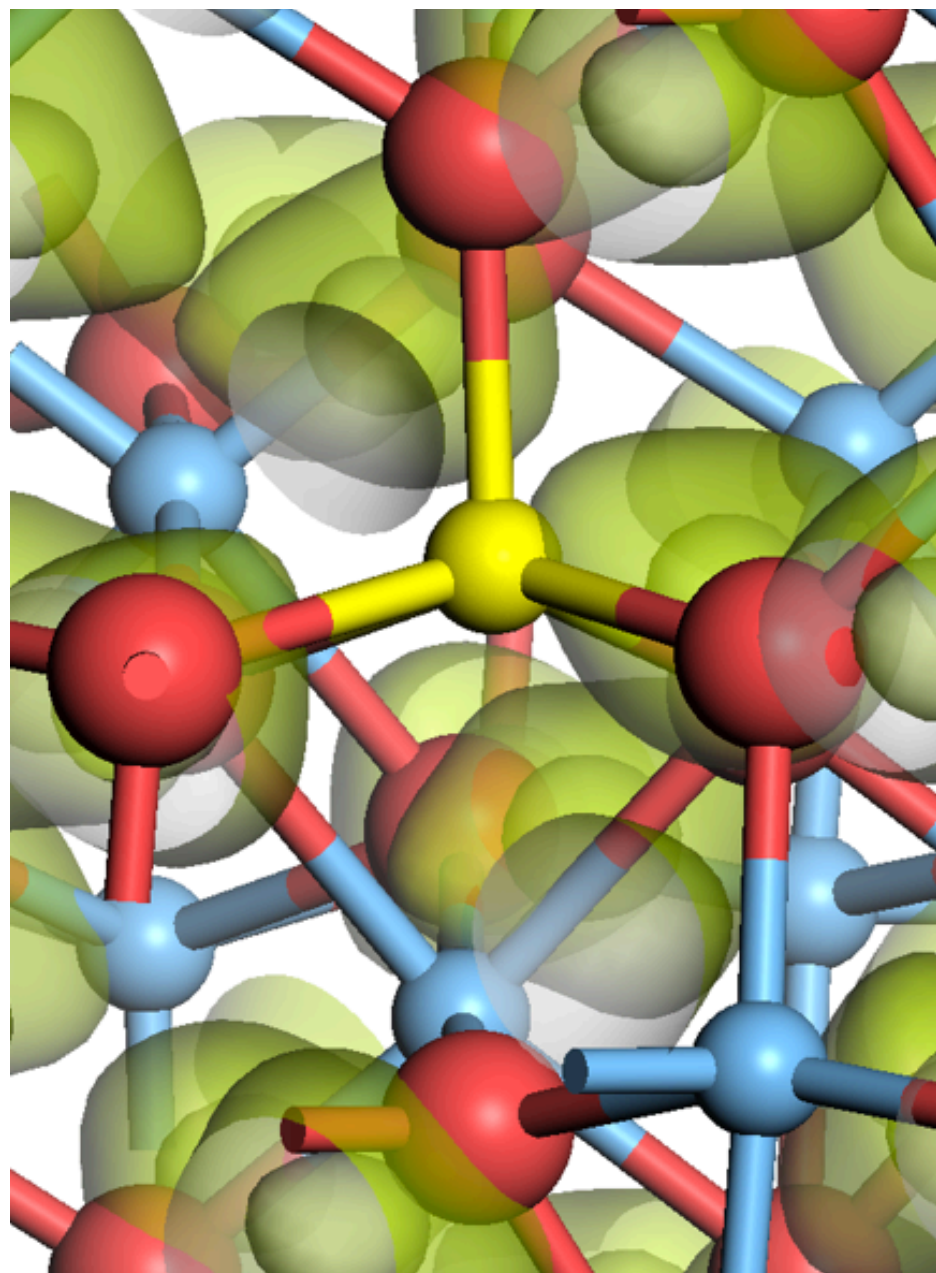


$P2_1/c$

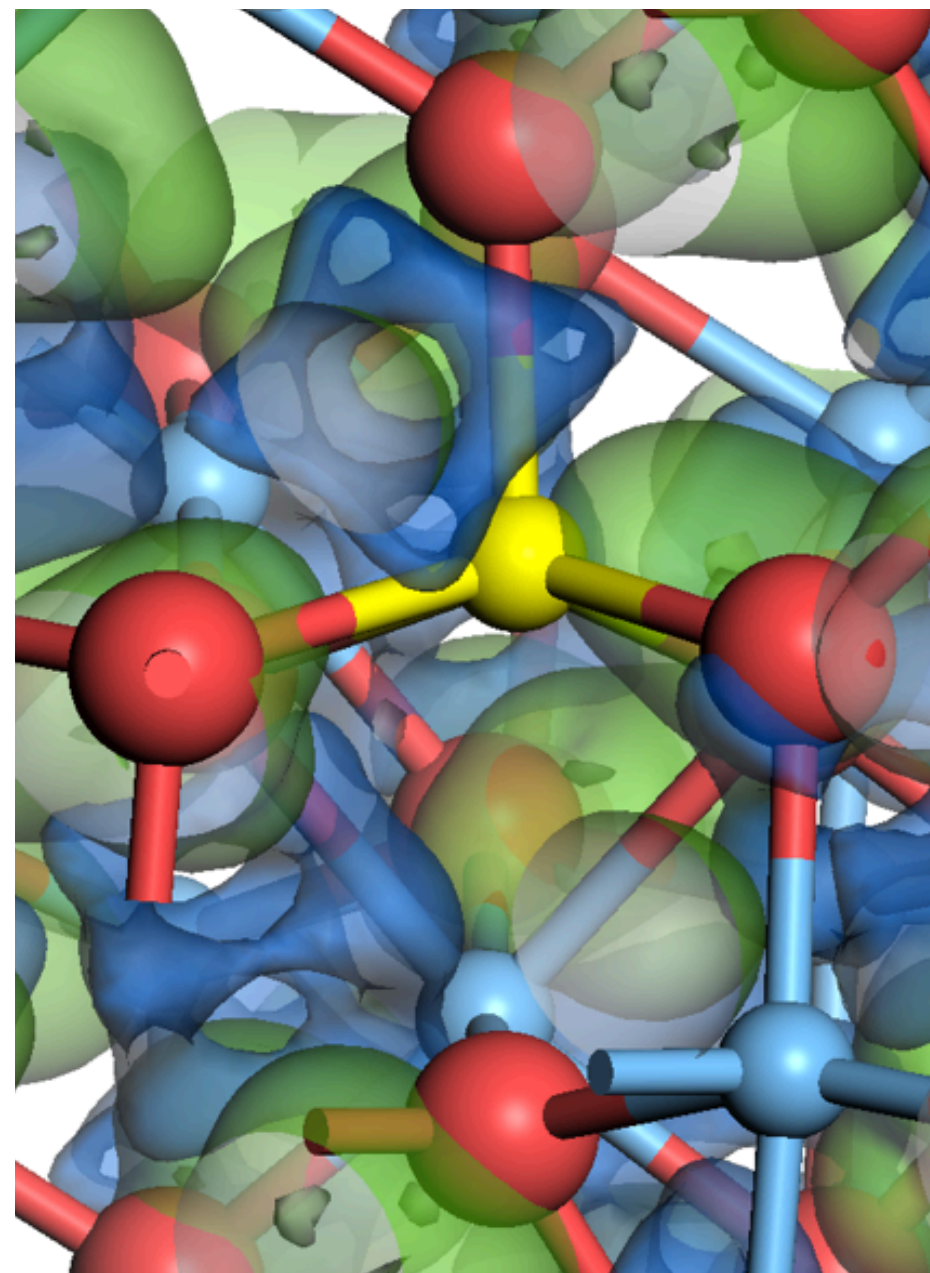
ELF



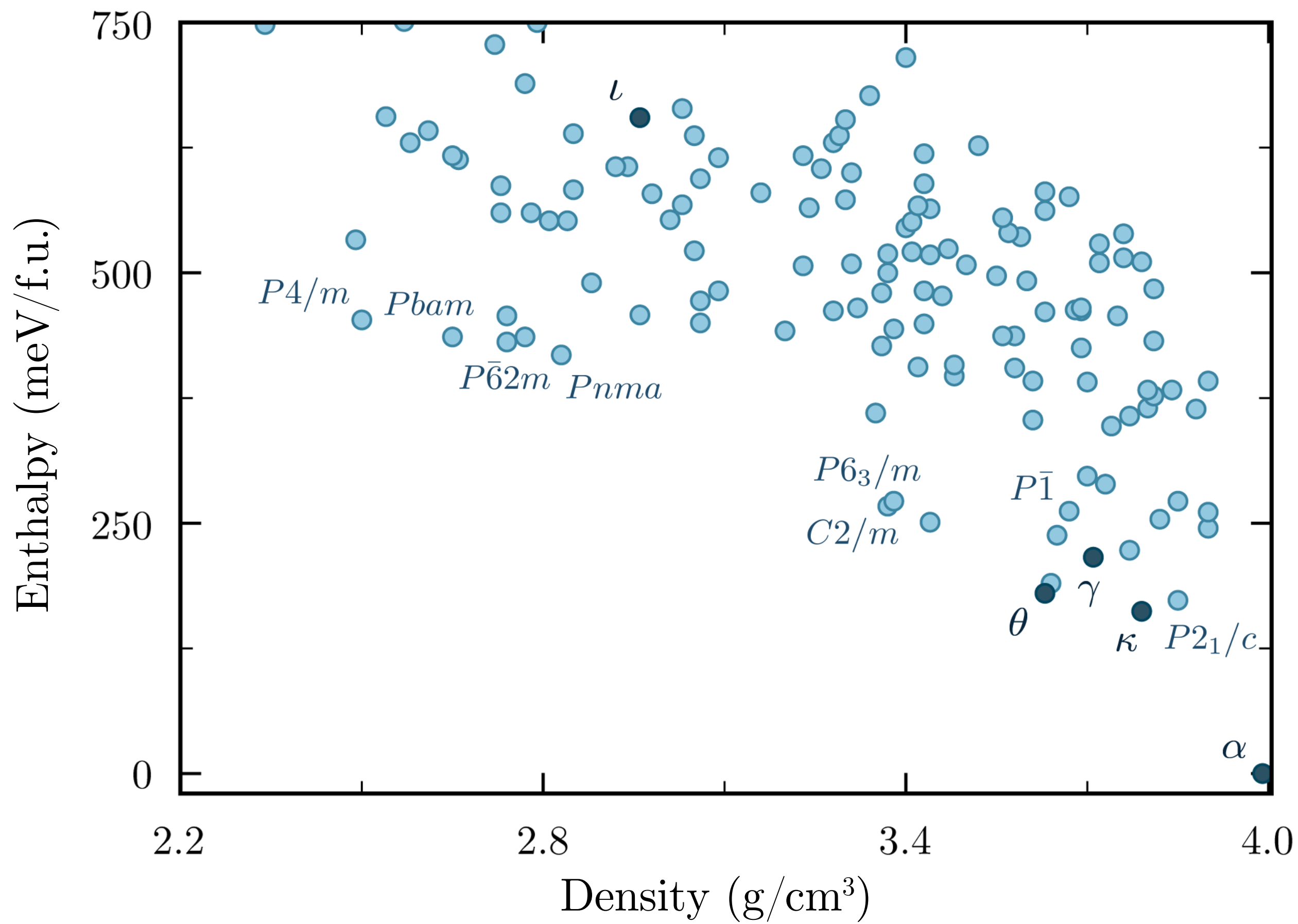
Density Difference

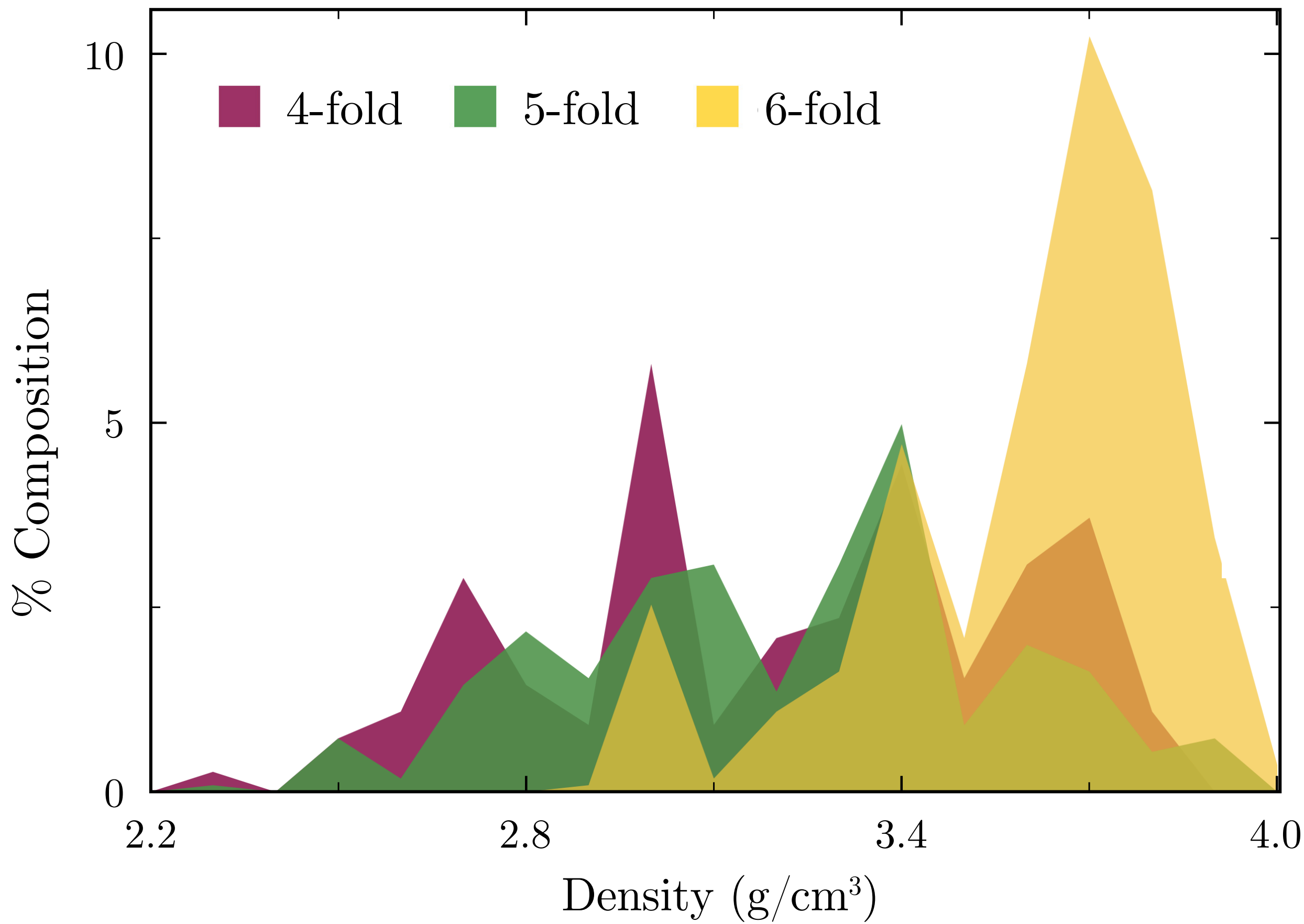


$P2_1/c$ ELF

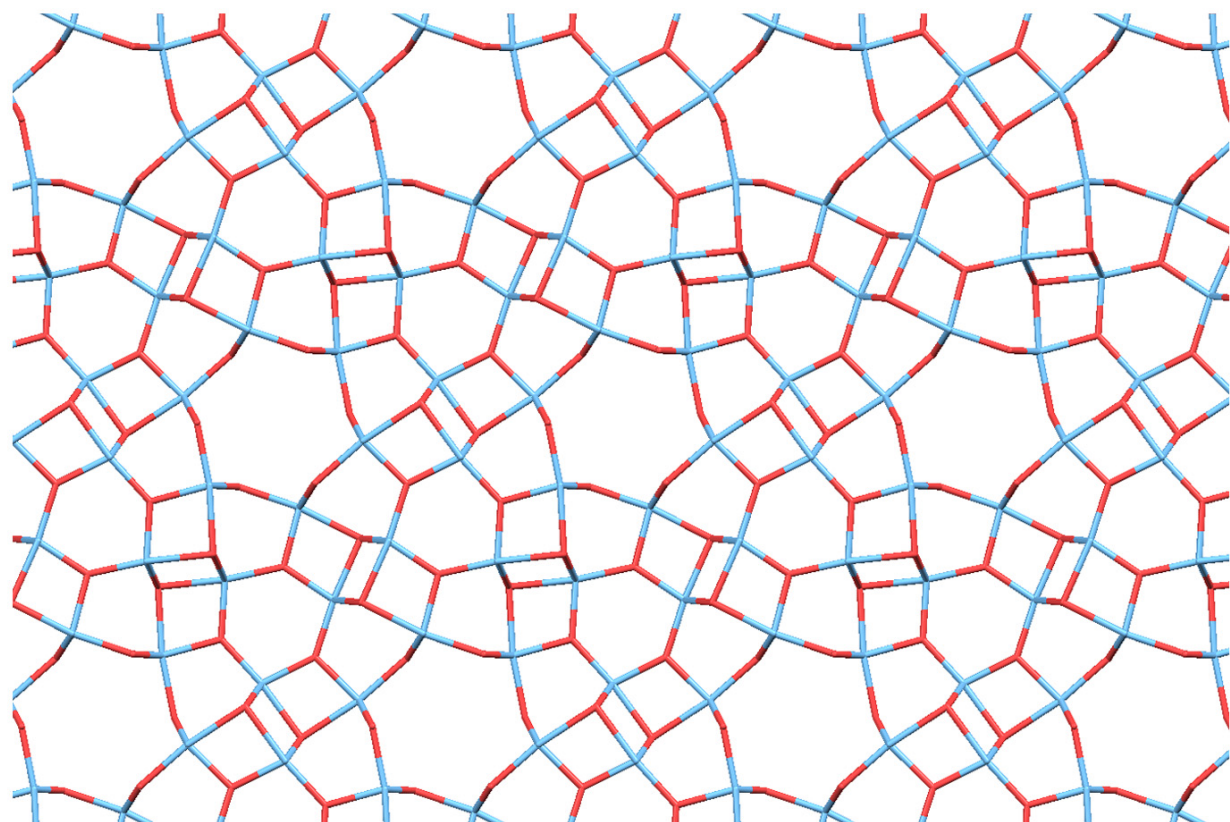


Density Difference

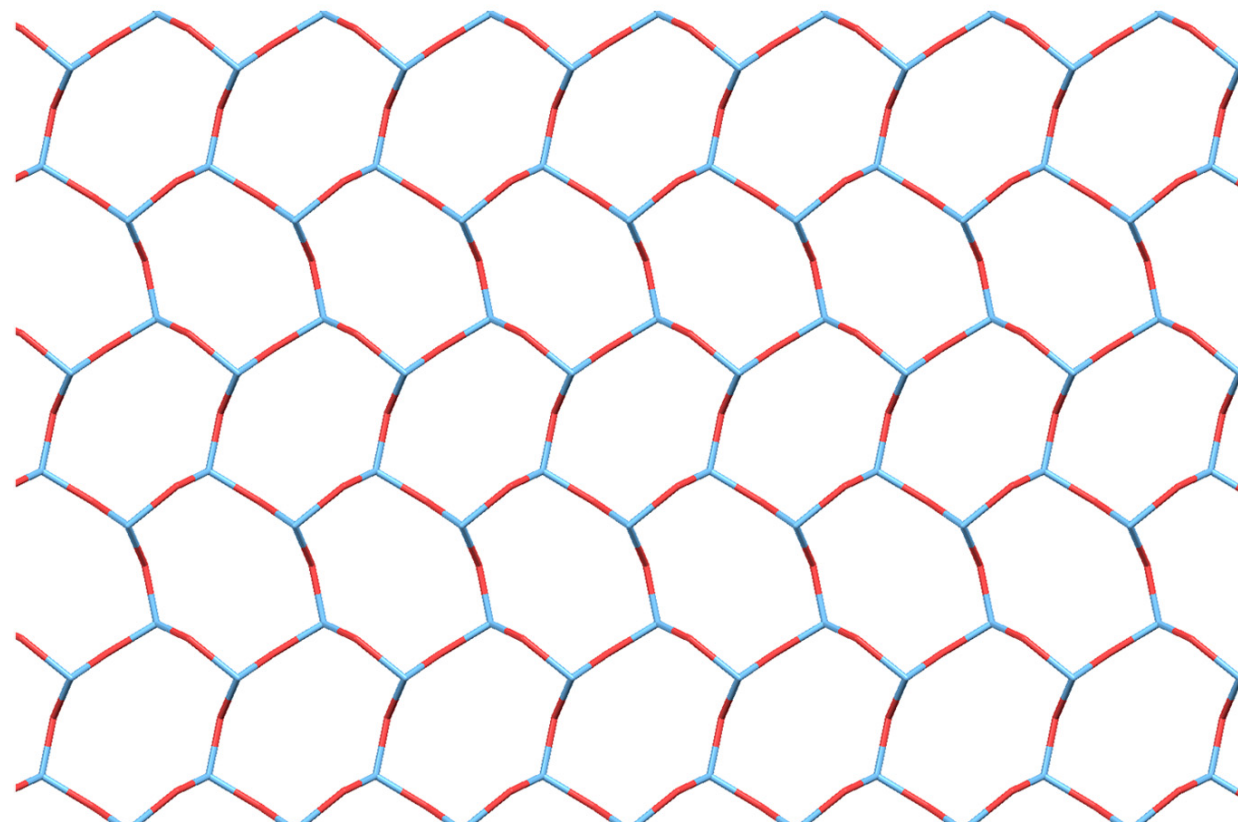




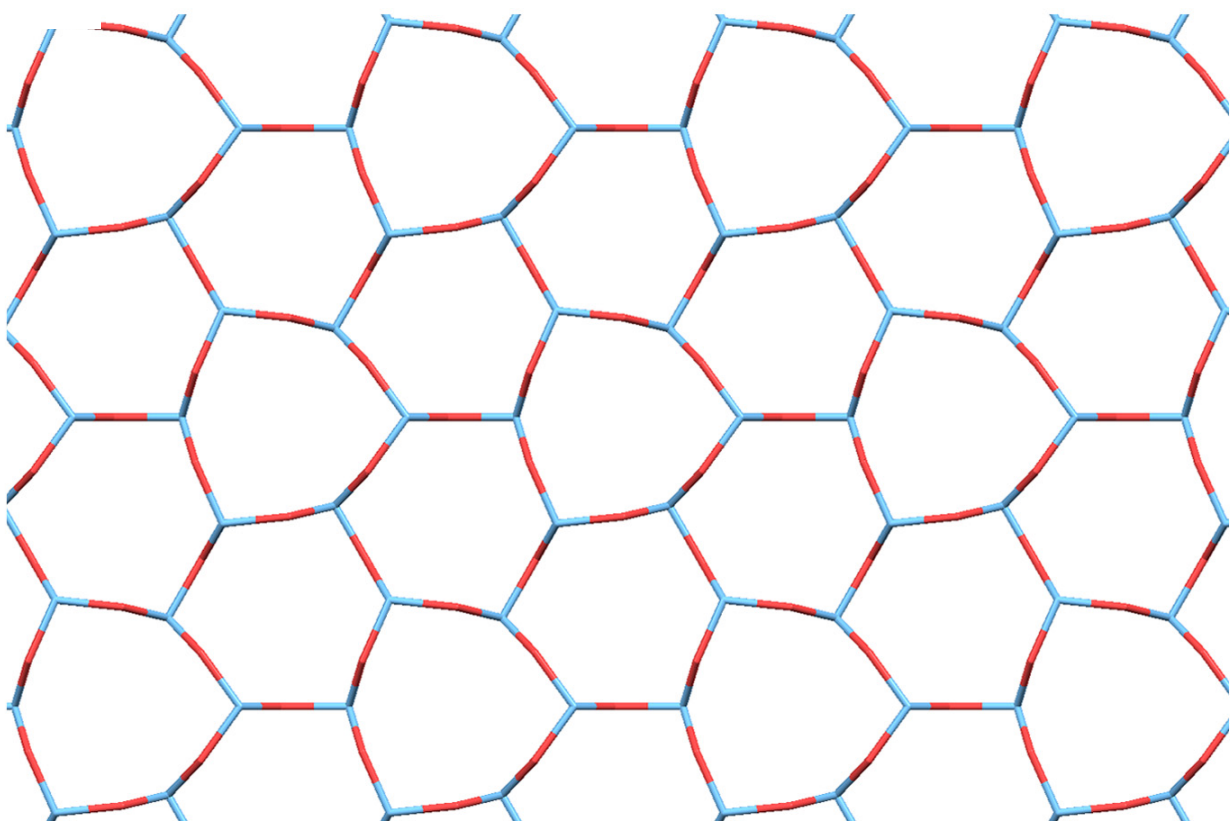
$P6_3/m$



$Pmc2_1$



$P\bar{6}2m$



$P4/m$

