Projection of diagonalised HFC tensors onto average V1 eigenvector. 0.6 -Probability density (a.u) 0.2 -0.0 -2 0 3  $A_{V1}$  (MHz)

Projection of diagonalised HFC tensors onto average V2 eigenvector. 0.6 -Probability density (a.u) 0.2 -0.0 -4 A<sub>V2</sub> (MHz) 5 2 3 6

Projection of diagonalised HFC tensors onto average V3 eigenvector. 0.6 -Probability density (a.u) 0.2 -0.0 -2 5 3 6

A<sub>V3</sub> (MHz)