Projection of diagonalised HFC tensors onto average V1 eigenvector. 1.5 **-**Probability density (a.u) 0.5 -0.0 -0 2 6  $A_{V1}$  (MHz)

Projection of diagonalised HFC tensors onto average V2 eigenvector. 2.0 -1.5 -Probability density (a.u) 0.5 -0.0 -0 2  $A_{V2}$  (MHz)

Projection of diagonalised HFC tensors onto average V3 eigenvector.

