

A Online material

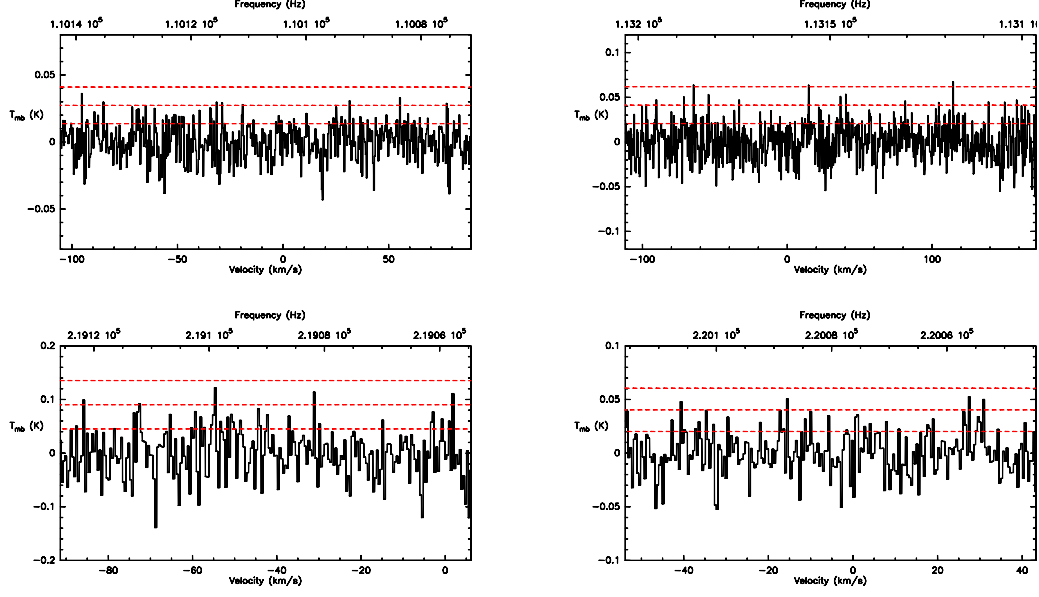


Figure A1: Observations of the expected frequency range for the pure rotational transitions of corannulene $J + 1 \rightarrow J$: $108 \rightarrow 107$, $111 \rightarrow 110$ and $215 \rightarrow 214$ and $216 \rightarrow 215$.

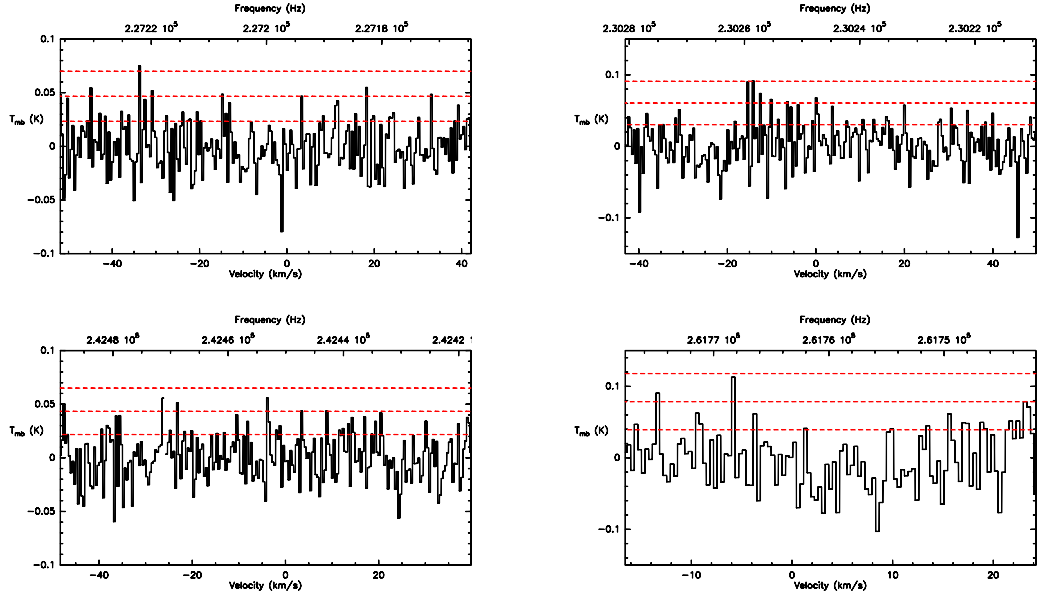


Figure A2: Observations of the expected frequency range for the pure rotational transitions of corannulene $J + 1 \rightarrow J$: $223 \rightarrow 222$, $226 \rightarrow 225$, $238 \rightarrow 237$ and $257 \rightarrow 256$.