A Online material

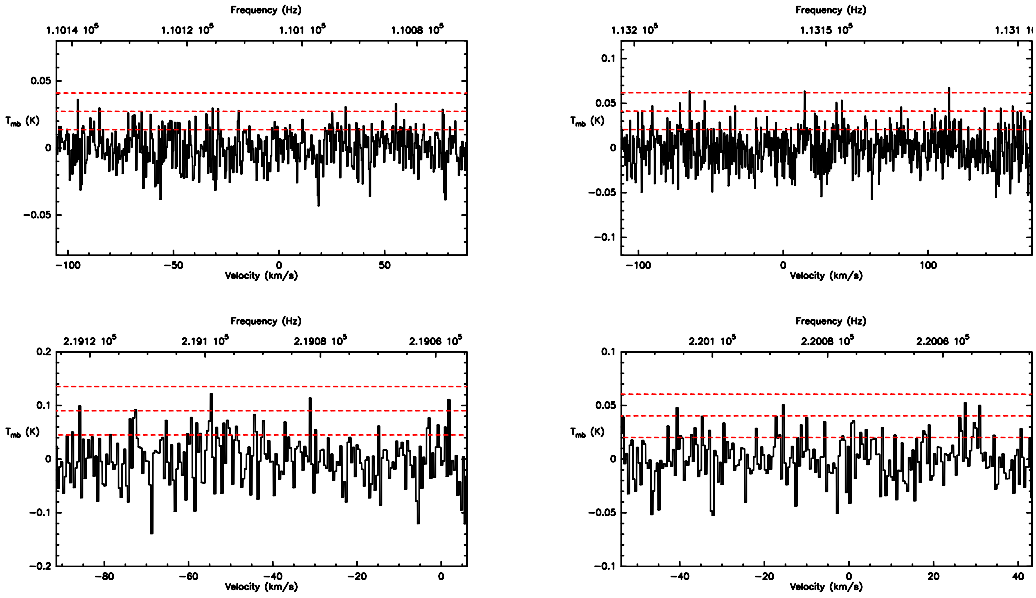

Figure A1: Observations of the expected frequency range for the pure rotational transitions of corannulene J +1 → J: 108 → 107, 111 → 110 and 215 → 214 and 216 → 215.

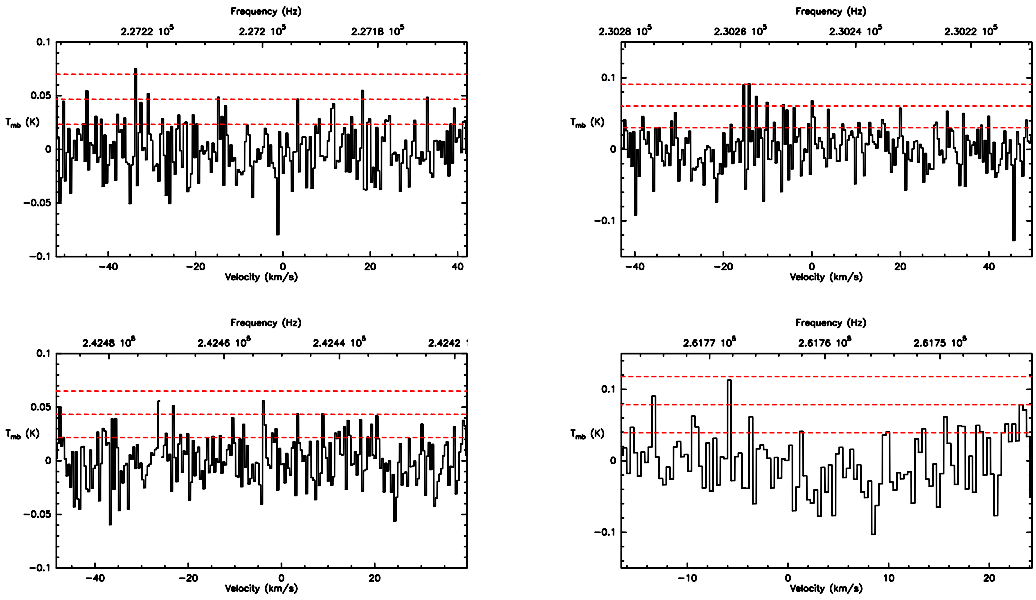

Figure A2: Observations of the expected frequency range for the pure rotational transitions of corannulene J +1 → J: 223 → 222, 226 → 225, 238 → 237 and 257 → 256.