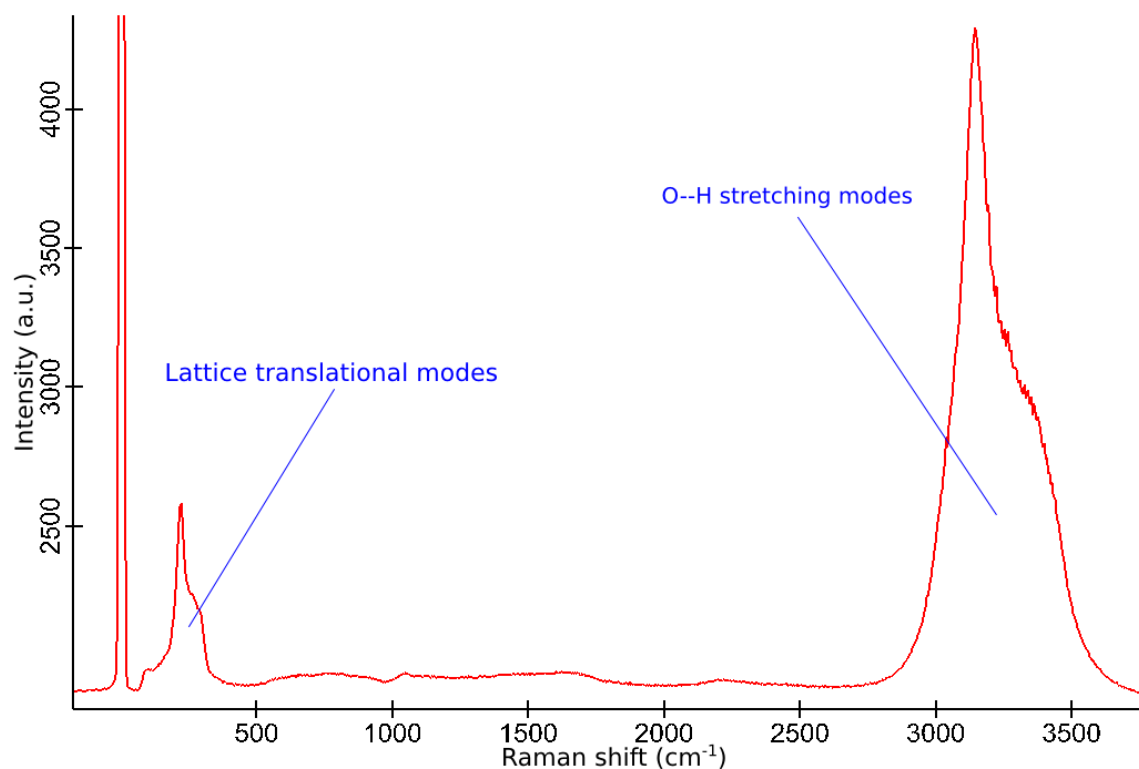
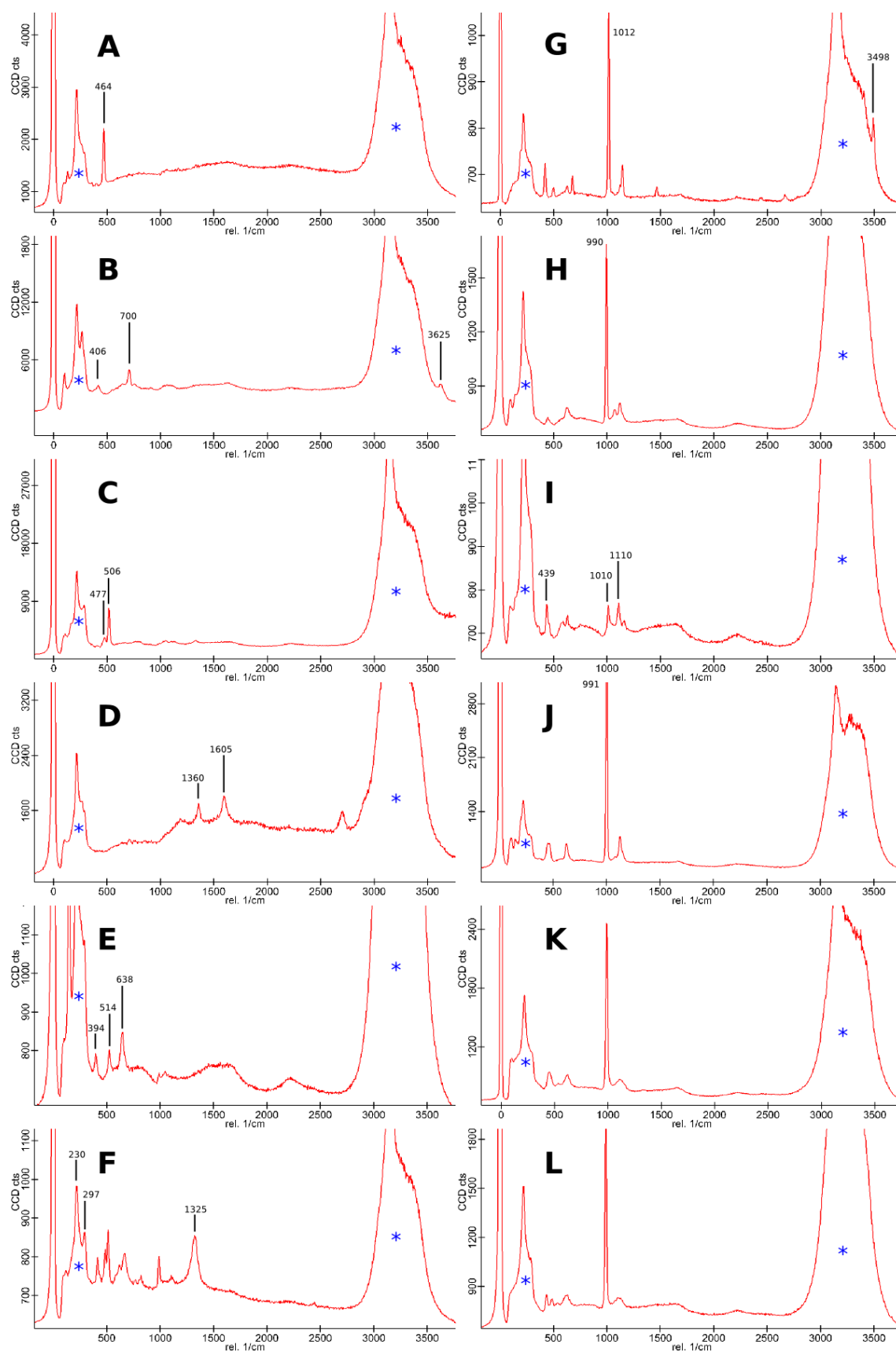


## ***Supplementary Material:*** **Impurity analysis and microstructure along the climatic transition from MIS 6 into 5e in the EDML ice core using cryo-Raman microscopy**

The supplementary material consists of two Figures.



**Figure S1.** Example of a “pure” ice Raman spectrum with the characteristic vibrational bands indicated.



**Figure S2.** Example Raman spectra of micro-inclusions: (A) quartz, (B) mica, (C) feldspar, (D) black carbon, (E) anatase, (F) hematite, (G) gypsum, (H) thenardite, (I) jarosite, (J) bloedite, (K) unspecified sulfate 1, (L) unspecified sulfate 2. The ice vibrational bands are indicated with an asterisk.